

APPENDIX A: TWDB-Required Tables

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC8s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300000001-0300000040	03	Trinity	Anderson	12030201	120302010405, 120302010404, 120302010406, 120302010206, 120302010204, 120302010205, 120302010208, 120302010401, 120302010301, 120302010303, 120302010305, 120302010304, 120302010402		Anderson County Dams	Dam	Dams in Anderson County (40 count)	Constructed	1900-2013			
0300000041-0300000042	03	Trinity	Archer	12030101	120301010101		Archer County Dams	Dam	Dams in Archer County (2 count)	Constructed	1964-1964			
0300000043-0300000046	03	Trinity	Chambers	12030203	120302030307		Chambers County Dams	Dam	Dams in Chambers County (4 count)	Constructed	1972-2000			
0300000047-0300000053	03	Trinity	Clay	12030101	120301010107, 120301010202, 120301010502, 120301010501		Clay County Dams	Dam	Dams in Clay County (7 count)	Constructed	1963-1984			
0300000054-0300000213	03	Trinity	Collin	12030105, 12030106, 12030103			Collin County Dams	Dam	Dams in Collin County (160 count)	Constructed	1920-2019			
0300000214-0300000281	03	Trinity	Cooke	12030103			Cooke County Dams	Dam	Dams in Cooke County (68 count)	Constructed	1949-2006			
0300000282-0300000354	03	Trinity	Dallas	12030105, 12030106, 12030103, 12030102			Dallas County Dams	Dam	Dams in Dallas County (73 count)	Constructed	1900-2006			
0300000355-0300000427	03	Trinity	Denton	12030104, 12030103			Denton County Dams	Dam	Dams in Denton County (73 count)	Constructed	1917-2021			
0300000428-0300000549	03	Trinity	Ellis	12030108, 12030105, 12030109, 12030102			Ellis County Dams	Dam	Dams in Ellis County (122 count)	Constructed	1902-2015			
0300000550-0300000559	03	Trinity	Fannin	12030106	120301060102, 120301060101		Fannin County Dams	Dam	Dams in Fannin County (10 count)	Constructed	1963-1986			
0300000560-0300000606	03	Trinity	Freestone	12030108, 12030201			Freestone County Dams	Dam	Dams in Freestone County (47 count)	Constructed	1923-2007			
0300000607-0300000671	03	Trinity	Grayson	12030106, 12030103	120301060104, 120301060201, 120301060105, 120301060202, 120301060302, 120301060301, 120301030701, 120301030206, 120301030204, 120301030205		Grayson County Dams	Dam	Dams in Grayson County (65 count)	Constructed	1957-1987			
0300000672-0300000678	03	Trinity	Grimes	12030202	120302020405, 120302020501, 120302020409, 120302020502		Grimes County Dams	Dam	Dams in Grimes County (7 count)	Constructed	1946-1965			

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0300000001-0300000040			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300000041-0300000042			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300000043-0300000046			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300000047-0300000053			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300000054-0300000213			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300000214-0300000281			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300000282-0300000354			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300000355-0300000427			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300000428-0300000549			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300000550-0300000559			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300000560-0300000606			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300000607-0300000671			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300000672-0300000678			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			

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Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300000679-0300000757	03	Trinity	Henderson	12030107, 12030201, 12030105	120301050504, 120301050506, 120301070308, 120301070311, 120301050505, 120302010203, 120302010202, 120302010201, 120302010204, 120301070307, 120301070303, 120301070306, 120301070305		Henderson County Dams	Dam	Dams in Henderson County (79 count)	Constructed	1902-2016			
0300000758-0300000827	03	Trinity	Hill	12030108, 12030109	120301080301, 120301090107, 120301080101, 120301080106, 120301080107, 120301080102, 120301080104, 120301080105, 120301080108, 120301080109		Hill County Dams	Dam	Dams in Hill County (70 count)	Constructed	1913-1989			
0300000828-0300000853	03	Trinity	Houston	12030202, 12030201	120302020308, 120302010706, 120302020704, 120302020701, 120302020604, 120302020702, 120302020705, 120302020706, 120302010705, 120302010703, 120302010702		Houston County Dams	Dam	Dams in Houston County (26 count)	Constructed	1936-1974			
0300000854-0300000864	03	Trinity	Hunt	12030106	120301060102		Hunt County Dams	Dam	Dams in Hunt County (11 count)	Constructed	1970-1994			
0300000865-0300000915	03	Trinity	Jack	12030101	120301010302, 120301010201, 120301010203, 120301010303, 120301010202, 120301010204, 120301010205, 120301010206, 120301010207, 120301010208, 120301010301, 120301010304, 120301010401, 120301010402, 120301010403, 120301010502		Jack County Dams	Dam	Dams in Jack County (51 count)	Constructed	1937-1993			

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0300000679-0300000757			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300000758-0300000827			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300000828-0300000853			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300000854-0300000864			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300000865-0300000915			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			

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Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300000916-0300000956	03	Trinity	Johnson	12030109, 12030102	120301090101, 120301090102, 120301090103, 120301090107, 120301090106, 120301020602, 120301020601, 120301020303, 120301020401		Johnson County Dams	Dam	Dams in Johnson County (41 count)	Constructed	1954-1989			
0300000957-0300001063	03	Trinity	Kaufman	12030107, 12030105, 12030106			Kaufman County Dams	Dam	Dams in Kaufman County (107 count)	Constructed	1900-1989			
0300001064-0300001106	03	Trinity	Leon	12030202, 12030201	120302020402, 120302020202, 120302020301, 120302010501, 120302020101, 120302020104, 120302020102, 120302020201, 120302010505, 120302010701, 120302010506, 120302010604, 120302010605, 120302010406, 120302010504		Leon County Dams	Dam	Dams in Leon County (43 count)	Constructed	1936-1992			
0300001107-0300001124	03	Trinity	Liberty	12030202, 12030203	120302030302, 120302030305, 120302030203, 120302021206, 120302030107, 120302030104, 120302030109, 120302021205, 120302021207, 120302030108, 120302030105		Liberty County Dams	Dam	Dams in Liberty County (18 count)	Constructed	1950-1976			
0300001125-0300001148	03	Trinity	Limestone	12030108	120301080301, 120301080302, 120301080303		Limestone County Dams	Dam	Dams in Limestone County (24 count)	Constructed	1906-1964			
0300001149-0300001169	03	Trinity	Madison	12030202	120302020402, 120302020403, 120302020404, 120302020406, 120302020409, 120302020408, 120302020504, 120302020506, 120302020604		Madison County Dams	Dam	Dams in Madison County (21 count)	Constructed	1958-1969			
0300001170-0300001359	03	Trinity	Montague	12030104, 12030103, 12030101			Montague County Dams	Dam	Dams in Montague County (190 count)	Constructed	1954-1990			

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0300000916-0300000956			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300000957-0300001063			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300001064-0300001106			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300001107-0300001124			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300001125-0300001148			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300001149-0300001169			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300001170-0300001359			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			

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Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300001360-0300001476	03	Trinity	Navarro	12030108, 12030201, 12030105, 12030109			Navarro County Dams	Dam	Dams in Navarro County (117 count)	Constructed	1921-2007			
0300001477-0300001530	03	Trinity	Parker	12030102	120301020206, 120301020204, 120301020202, 120301020201, 120301020103, 120301020203, 120301020205, 120301020207, 120301020208, 120301020301, 120301020306		Parker County Dams	Dam	Dams in Parker County (54 count)	Constructed	1925-2012			
0300001531-0300001546	03	Trinity	Polk	12030202	120302020902, 120302021005, 120302021106, 120302021202, 120302021206, 120302021207		Polk County Dams	Dam	Dams in Polk County (16 count)	Constructed	1953-1968			
0300001547-0300001580	03	Trinity	Rockwall	12030107, 12030106	120301060401, 120301060402, 120301060502, 120301070101, 120301070102		Rockwall County Dams	Dam	Dams in Rockwall County (34 count)	Constructed	1955-2006			
0300001581-0300001587	03	Trinity	San Jacinto	12030202	120302021105, 120302021201, 120302021207		San Jacinto County Dams	Dam	Dams in San Jacinto County (7 count)	Constructed	1932-1972			
0300001588-0300001656	03	Trinity	Tarrant	12030104, 12030102			Tarrant County Dams	Dam	Dams in Tarrant County (69 count)	Constructed	1910-2017			
0300001657-0300001678	03	Trinity	Trinity	12030202	120302020707, 120302021102, 120302021103, 120302020712, 120302020713, 120302020806, 120302020703, 120302020901		Trinity County Dams	Dam	Dams in Trinity County (22 count)	Constructed	1910-1966			
0300001679-0300001710	03	Trinity	Van Zandt	12030107	120301070205, 120301070203, 120301070301, 120301070204, 120301070302		Van Zandt County Dams	Dam	Dams in Van Zandt County (32 count)	Constructed	1960-1983			
0300001711-0300001743	03	Trinity	Walker	12030202	120302020409, 120302020507, 120302020505, 120302020502, 120302020603, 120302020604, 120302020801, 120302020802, 120302020804, 120302020806, 120302020807, 120302020805		Walker County Dams	Dam	Dams in Walker County (33 count)	Constructed	1932-2008			

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0300001360-0300001476			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300001477-0300001530			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300001531-0300001546			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300001547-0300001580			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300001581-0300001587			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300001588-0300001656			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300001657-0300001678			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300001679-0300001710			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300001711-0300001743			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			

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0300001744-0300001842	03	Trinity	Wise	12030104, 12030101			Wise County Dams	Dam	Dams in Wise County (99 count)	Constructed	1931-2006			
0300001843-0300001845	03	Trinity	Young	12030101	120301010101, 120301010103		Young County Dams	Dam	Dams in Young County (3 count)	Constructed	1962-1984			
0300001846-0300001854	03	Trinity	Anderson	12030201	120302010403		Anderson County High Water Marks	Other	High Water Marks in Anderson County (9 count)	Natural	Unknown			
0300001855-0300001858	03	Trinity	Chambers	12030203	120302030306		Chambers County High Water Marks	Other	High Water Marks in Chambers County (4 count)	Natural	Unknown			
0300001859-0300001911	03	Trinity	Collin	12030106	120301060303, 120301060307, 120301060405, 120301060404, 120301060407, 120301060207, 120301060205, 120301060206, 120301060406		Collin County High Water Marks	Other	High Water Marks in Collin County (53 count)	Natural	Unknown			
0300001912-0300001960	03	Trinity	Cooke	12030103, 12030103	120301030105, 120301030106		Cooke County High Water Marks	Other	High Water Marks in Cooke County (49 count)	Natural	Unknown			
0300001961-0300002448	03	Trinity	Dallas	12030104, 12030105, 12030106, 12030103, 12030102			Dallas County High Water Marks	Other	High Water Marks in Dallas County (488 count)	Natural	Unknown			
0300002449-0300002497	03	Trinity	Denton	12030104, 12030103	120301040205, 120301040304, 120301030703, 120301030906, 120301031001, 120301031003, 120301030604, 120301030304, 120301030406, 120301030405		Denton County High Water Marks	Other	High Water Marks in Denton County (49 count)	Natural	Unknown			
0300002498-0300002506	03	Trinity	Ellis	12030105, 12030109	120301050302, 120301050403, 120301090306		Ellis County High Water Marks	Other	High Water Marks in Ellis County (9 count)	Natural	Unknown			
0300002507-0300002508	03	Trinity	Freestone	12030201	120302010106, 120302010105		Freestone County High Water Marks	Other	High Water Marks in Freestone County (2 count)	Natural	Unknown			
0300002509-0300002519	03	Trinity	Henderson	12030107	120301070310, 120301070303, 120301070306		Henderson County High Water Marks	Other	High Water Marks in Henderson County (11 count)	Natural	Unknown			
0300002520-0300002573	03	Trinity	Houston	12030202, 12030201	120302020304, 120302010706, 120302020704, 120302020701, 120302020702, 120302020706, 120302010705, 120302010703, 120302010702		Houston County High Water Marks	Other	High Water Marks in Houston County (54 count)	Natural	Unknown			
0300002574-0300002585	03	Trinity	Johnson	12030109, 12030102	120301090101, 120301090106, 120301020401		Johnson County High Water Marks	Other	High Water Marks in Johnson County (12 count)	Natural	Unknown			

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0300001744-0300001842			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300001843-0300001845			Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300001846-0300001854			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300001855-0300001858			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300001859-0300001911			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300001912-0300001960			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300001961-0300002448			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300002449-0300002497			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300002498-0300002506			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300002507-0300002508			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300002509-0300002519			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300002520-0300002573			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300002574-0300002585			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			

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0300002586-0300002612	03	Trinity	Kaufman	12030105, 12030106	120301050401, 120301050403, 120301060503, 120301060505, 120301060506, 120301060507, 120301060409		Kaufman County High Water Marks	Other	High Water Marks in Kaufman County (27 count)	Natural	Unknown			
0300002613-0300002889	03	Trinity	Liberty	12030203	120302030301, 120302030102, 120302030104, 120302030109, 120302030108		Liberty County High Water Marks	Other	High Water Marks in Liberty County (277 count)	Natural	Unknown			
0300002890-0300002890	03	Trinity	Limestone	12030108	120301080301		Limestone County High Water Marks	Other	High Water Marks in Limestone County (1 count)	Natural	Unknown			
0300002891-0300002891	03	Trinity	Madison	12030202	120302020408		Madison County High Water Marks	Other	High Water Marks in Madison County (1 count)	Natural	Unknown			
0300002892-0300002893	03	Trinity	Montague	12030101	120301010505, 120301010503		Montague County High Water Marks	Other	High Water Marks in Montague County (2 count)	Natural	Unknown			
0300002894-0300002908	03	Trinity	Navarro	12030108, 12030109	120301080401, 120301080110, 120301090407, 120301090402, 120301090406		Navarro County High Water Marks	Other	High Water Marks in Navarro County (15 count)	Natural	Unknown			
0300002909-0300002911	03	Trinity	Parker	12030102	120301020204		Parker County High Water Marks	Other	High Water Marks in Parker County (3 count)	Natural	Unknown			
0300002912-0300002928	03	Trinity	Polk	12030202	120302021001, 120302021002, 120302021004, 120302021006, 120302021005, 120302021106, 120302021105, 120302021207		Polk County High Water Marks	Other	High Water Marks in Polk County (17 count)	Natural	2000-2016			
0300002929-0300002936	03	Trinity	Rockwall	12030106	120301060402		Rockwall County High Water Marks	Other	High Water Marks in Rockwall County (8 count)	Natural	Unknown			
0300002937-0300002938	03	Trinity	San Jacinto	12030202	120302021105		San Jacinto County High Water Marks	Other	High Water Marks in San Jacinto County (2 count)	Natural	Unknown			
0300002939-0300003260	03	Trinity	Tarrant	12030104, 12030102, 12030102, 12030101			Tarrant County High Water Marks	Other	High Water Marks in Tarrant County (322 count)	Natural	Unknown			
0300003261-0300003270	03	Trinity	Trinity	12030202	120302020707		Trinity County High Water Marks	Other	High Water Marks in Trinity County (10 count)	Natural	Unknown			
0300003271-0300003271	03	Trinity	Walker	12030202	120302020803		Walker County High Water Marks	Other	High Water Marks in Walker County (1 count)	Natural	Unknown			
0300003272-0300003300	03	Trinity	Wise	12030101	120301010605, 120301010511, 120301010409		Wise County High Water Marks	Other	High Water Marks in Wise County (29 count)	Natural	Unknown			
0300003301-0300003304	03	Trinity	Anderson	12030201	120302010401		Anderson County Low Water Crossings	LWC	Low Water Crossings in Anderson County (4 count)	Constructed	Unknown			

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0300002586-0300002612			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300002613-0300002889			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300002890-0300002890			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300002891-0300002891			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300002892-0300002893			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300002894-0300002908			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300002909-0300002911			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300002912-0300002928			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300002929-0300002936			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300002937-0300002938			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300002939-0300003260			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300003261-0300003270			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300003271-0300003271			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300003272-0300003300			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300003301-0300003304			Unknown	Unknown	Unknown	Non-deficient	Roadway over	Varies	Varies			

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0300003305-0300003366	03	Trinity	Collin	12030105, 12030106, 12030103	120301050103, 120301050104, 120301060303, 120301060401, 120301060402, 120301060203, 120301060405, 120301060403, 120301060404, 120301060407, 120301060207, 120301060204, 120301030904, 120301030903, 120301030905, 120301030906, 120301060406, 120301060208		Collin County Low Water Crossings	LWC	Low Water Crossings in Collin County (62 count)	Constructed	Unknown			
0300003367-0300003399	03	Trinity	Cooke	12030103	120301030303, 120301030105, 120301030106, 120301030301, 120301030103, 120301030201, 120301030302, 120301030404, 120301030405		Cooke County Low Water Crossings	LWC	Low Water Crossings in Cooke County (33 count)	Constructed	Unknown			
0300003400-0300003838	03	Trinity	Dallas	12030105, 12030106, 12030103, 12030102			Dallas County Low Water Crossings	LWC	Low Water Crossings in Dallas County (439 count)	Constructed	Unknown			
0300003839-0300003940	03	Trinity	Denton	12030104, 12030103			Denton County Low Water Crossings	LWC	Low Water Crossings in Denton County (102 count)	Constructed	Unknown			
0300003941-0300003998	03	Trinity	Ellis	12030105, 12030109, 12030102			Ellis County Low Water Crossings	LWC	Low Water Crossings in Ellis County (58 count)	Constructed	Unknown			
0300003999-0300004000	03	Trinity	Freestone	12030201	120302010105		Freestone County Low Water Crossings	LWC	Low Water Crossings in Freestone County (2 count)	Constructed	Unknown			
0300004001-0300004001	03	Trinity	Grayson	12030103	120301030204		Grayson County Low Water Crossings	LWC	Low Water Crossings in Grayson County (1 count)	Constructed	Unknown			
0300004002-0300004013	03	Trinity	Henderson	12030107, 12030201, 12030105	120301050501, 120301070312, 120301070308, 120301070311, 120302010202		Henderson County Low Water Crossings	LWC	Low Water Crossings in Henderson County (12 count)	Constructed	Unknown			
0300004014-0300004014	03	Trinity	Hill	12030109	120301090107		Hill County Low Water Crossings	LWC	Low Water Crossings in Hill County (1 count)	Constructed	Unknown			
0300004015-0300004032	03	Trinity	Houston	12030202, 12030201	120302020304, 120302010706, 120302020704, 120302020701, 120302020702, 120302020705, 120302010703, 120302010702		Houston County Low Water Crossings	LWC	Low Water Crossings in Houston County (18 count)	Constructed	Unknown			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300003305-0300003366			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300003367-0300003399			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300003400-0300003838			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300003839-0300003940			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300003941-0300003998			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300003999-0300004000			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300004001-0300004001			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300004002-0300004013			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300004014-0300004014			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300004015-0300004032			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFG No.	RFG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300004033-0300004038	03	Trinity	Jack	12030101	120301010206, 120301010301		Jack County Low Water Crossings	LWC	Low Water Crossings in Jack County (6 count)	Constructed	Unknown			
0300004039-0300004063	03	Trinity	Johnson	12030109, 12030102	120301090101, 120301020601, 120301020401, 120301020604		Johnson County Low Water Crossings	LWC	Low Water Crossings in Johnson County (25 count)	Constructed	Unknown			
0300004064-0300004082	03	Trinity	Kaufman	12030107, 12030105	120301070107, 120301050406, 120301050401, 120301070106, 120301070110, 120301070201, 120301070103, 120301070105, 120301070206		Kaufman County Low Water Crossings	LWC	Low Water Crossings in Kaufman County (19 count)	Constructed	Unknown			
0300004083-0300004091	03	Trinity	Leon	12030202, 12030201	120302020202, 120302020102, 120302010503, 120302010504		Leon County Low Water Crossings	LWC	Low Water Crossings in Leon County (9 count)	Constructed	Unknown			
0300004092-0300004097	03	Trinity	Liberty	12030202, 12030203	120302030301, 120302030204, 120302021205		Liberty County Low Water Crossings	LWC	Low Water Crossings in Liberty County (6 count)	Constructed	Unknown			
0300004098-0300004101	03	Trinity	Limestone	12030108	120301080301, 120301080302, 120301080304		Limestone County Low Water Crossings	LWC	Low Water Crossings in Limestone County (4 count)	Constructed	Unknown			
0300004102-0300004103	03	Trinity	Madison	12030202	120302020408		Madison County Low Water Crossings	LWC	Low Water Crossings in Madison County (2 count)	Constructed	Unknown			
0300004104-0300004107	03	Trinity	Montague	12030103, 12030101	120301030101, 120301010508, 120301010506, 120301010503		Montague County Low Water Crossings	LWC	Low Water Crossings in Montague County (4 count)	Constructed	Unknown			
0300004108-0300004172	03	Trinity	Navarro	12030108, 12030105, 12030109	120301050503, 120301050410, 120301080402, 120301080305, 120301080306, 120301080401, 120301080403, 120301080407, 120301080205, 120301080206, 120301080202, 120301090402, 120301090404, 120301090405		Navarro County Low Water Crossings	LWC	Low Water Crossings in Navarro County (65 count)	Constructed	Unknown			
0300004173-0300004193	03	Trinity	Parker	12030102, 12030101	120301020206, 120301020204, 120301010607, 120301010609, 120301020203, 120301020205, 120301020302		Parker County Low Water Crossings	LWC	Low Water Crossings in Parker County (21 count)	Constructed	Unknown			
0300004194-0300004196	03	Trinity	Polk	12030202	120302021003, 120302021204, 120302021205		Polk County Low Water Crossings	LWC	Low Water Crossings in Polk County (3 count)	Constructed	Unknown			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300004033-0300004038			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300004039-0300004063			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300004064-0300004082			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300004083-0300004091			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300004092-0300004097			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300004098-0300004101			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300004102-0300004103			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300004104-0300004107			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300004108-0300004172			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300004173-0300004193			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300004194-0300004196			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300004197-0300004213	03	Trinity	Rockwall	12030107, 12030106	120301060401, 120301060402, 120301060502, 120301070101, 120301060409		Rockwall County Low Water Crossings	LWC	Low Water Crossings in Rockwall County (17 count)	Constructed	Unknown			
0300004214-0300004571	03	Trinity	Tarrant	12030104, 12030102, 12030101			Tarrant County Low Water Crossings	LWC	Low Water Crossings in Tarrant County (358 count)	Constructed	Unknown			
0300004572-0300004572	03	Trinity	Trinity	12030202	120302020707		Trinity County Low Water Crossings	LWC	Low Water Crossings in Trinity County (1 count)	Constructed	Unknown			
0300004573-0300004574	03	Trinity	Van Zandt	12030107	120301070204		Van Zandt County Low Water Crossings	LWC	Low Water Crossings in Van Zandt County (2 count)	Constructed	Unknown			
0300004575-0300004579	03	Trinity	Walker	12030202	120302020505, 120302020801, 120302020805		Walker County Low Water Crossings	LWC	Low Water Crossings in Walker County (5 count)	Constructed	Unknown			
0300004580-0300004585	03	Trinity	Wise	12030101	120301010508, 120301010601, 120301010604, 120301010411		Wise County Low Water Crossings	LWC	Low Water Crossings in Wise County (6 count)	Constructed	Unknown			
0300004586-0300004600	03	Trinity	Anderson	12030201	120302010401		Anderson County Sinkholes	Sinkhole	Sinkholes in Anderson County (15 count)	Natural	Unknown			
0300004601-0300004601	03	Trinity	Parker	12030102	120301020206		Parker County Sinkholes	Sinkhole	Sinkholes in Parker County (1 count)	Natural	Unknown			
0300004602-0300004691	03	Trinity	Collin, Dallas	12030105, 12030103, 12030102	120301050106, 120301031007, 120301050103, 120301050104, 120301050105, 120301050107, 120301050203, 120301050101, 120301050108, 120301050102, 120301031003, 120301020706, 120301020606		City of Dallas Drainage Sensors	Other	City of Dallas Drainage Sensors (90 count)	Constructed	Unknown			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300004197-0300004213			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300004214-0300004571			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300004572-0300004572			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300004573-0300004574			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300004575-0300004579			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300004580-0300004585			Unknown	Unknown	Unknown	Non-deficient	Roadway ove	Varies	Varies			
0300004586-0300004600			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300004601-0300004601			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			
0300004602-0300004691			Unknown	Unknown	Unknown	Unknown	Unknown	City of Dallas	City of Dallas			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300004692-0300118315	348161.082		Unknown	Unknown	Unknown	Unknown	Unknown	City of Dallas	City of Dallas			
0300118316-0300118357			Unknown	Unknown	Unknown	Unknown	Unknown	City of Dallas	City of Garland			
0300118358-0300119974			Unknown	Unknown	Unknown	Unknown	Unknown	City of Garland	City of Garland			
0300119975-0300120028			Unknown	Unknown	Unknown	Unknown	Unknown	City of Garland	City of Garland			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300120029-0300120144	03	Trinity	Polk	12030202	120302021003, 120302020903, 120302021001, 120302021002, 120302021004, 120302021006, 120302021005, 120302021102, 120302021104, 120302021105, 120302021202, 120302021203, 120302021204, 120302021206, 120302021205, 120302021207		Polk County Water Supply	Other	Polk County Water Supply (116 count)	Constructed	Unknown			
0300120145-0300120147	03	Trinity	Anderson	12030201, 12030105	120301050506, 120302010701, 120302010406, 120302010303, 120302010305		Anderson County Levees	Levee	Levees in Anderson County (3 count)	Constructed	1918-1926			
0300120148-0300120149	03	Trinity	Chambers	12040203, 12030203	120402030106, 120302030307, 120402030200		Chambers County Levees	Levee	Levees in Chambers County (2 count)	Constructed	1959-1959			
0300120150-0300120150	03	Trinity	Cooke	12030105, 12030106, 12030103, 12030102			Cooke County Levees	Levee	Levees in Cooke County (1 count)	Constructed	Unknown			
0300120151-0300120178	03	Trinity	Dallas	12030104, 12030102, 12030101			Dallas County Levees	Levee	Levees in Dallas County (28 count)	Constructed	1917-1967			
0300120179-0300120181	03	Trinity	Denton	12030105, 12030106	120301050105, 120301060402, 120301060407, 120301060408, 120301060501, 120301060409, 120301060406		Denton County Levees	Levee	Levees in Denton County (3 count)	Constructed	Unknown			
0300120182-0300120195	03	Trinity	Ellis	12030102	120301020506, 120301020503, 120301020505		Ellis County Levees	Levee	Levees in Ellis County (14 count)	Constructed	1917-1984			
0300120196-0300120198	03	Trinity	Henderson	12030106	120301060403, 120301060408, 120301060406		Henderson County Levees	Levee	Levees in Henderson County (3 count)	Constructed	Unknown			
0300120199-0300120209	03	Trinity	Hill	12030105, 12030106, 12030103	120301050103, 120301060405, 120301060407, 120301030903, 120301030906		Hill County Levees	Levee	Levees in Hill County (11 count)	Constructed	1917-1968			
0300120210-0300120216	03	Trinity	Houston	12030103	120301030106		Houston County Levees	Levee	Levees in Houston County (7 count)	Constructed	1926-1970			
0300120217-0300120229	03	Trinity	Kaufman	12030104, 12030105, 12030106, 12030103, 12030102			Kaufman County Levees	Levee	Levees in Kaufman County (13 count)	Constructed	1917-1955			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300120029-0300120144			Unknown	Unknown	Unknown	Unknown	Unknown	City of Dallas	City of Dallas			
0300120145-0300120147	84019.07		Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300120148-0300120149	45164.46		Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300120150-0300120150	3406.877		Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300120151-0300120178	532818.785		Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300120179-0300120181	28392.342		Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300120182-0300120195	259443.465		Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300120196-0300120198	110967.43		Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300120199-0300120209	56747.2346		Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300120210-0300120216	173922.432		Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300120217-0300120229	296170.097		Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFG No.	RFG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300120230-0300120230	03	Trinity	Liberty	12030105, 12030106, 12030103, 12030102	120301031007, 120301050105, 120301060501, 120301050108, 120301031004, 120301031005, 120301020607, 120301020706, 120301020705, 120301020606		Liberty County Levees	Levee	Levees in Liberty County (1 count)	Constructed	Unknown			
0300120231-0300120240	03	Trinity	Navarro	12030104, 12030103	120301040307, 120301031001, 120301031002, 120301031003		Navarro County Levees	Levee	Levees in Navarro County (10 count)	Constructed	1919-1967			
0300120241-0300120258	03	Trinity	Tarrant	12030104, 12030103	120301040303, 120301031002		Tarrant County Levees	Levee	Levees in Tarrant County (18 count)	Constructed	1922-1965			
0300120259-0300120262	03	Trinity	Wise	12030105, 12030109	120301050205, 120301050306, 120301050305, 120301050403, 120301050407, 120301090207, 120301090203, 120301090306, 120301090402, 120301090308		Wise County Levees	Levee	Levees in Wise County (4 count)	Constructed	1910-1923			
0300120263-0300125717	03	Trinity	Collin, Dallas	12030107, 12030105	120301050403, 120301050405, 120301050504, 120301050506, 120301050407, 120301070312, 120301050505		City of Dallas Culverts	Other	City of Dallas Culverts (5455 count)	Constructed	2012-2021			
0300125718-0300141608	03	Trinity	Denton, Ellis	12030108	120301080106, 120301080107, 120301080108		City of Fort Worth Storm Drainage Systems	Storm Drain Systems	City of Fort Worth Storm Drainage Systems (15891 count)	Constructed	Unknown			
0300141609-0300180377	03	Trinity	Collin, Denton	12030202, 12030201, 12030102	120302020305, 120302020308, 120302020307, 120302010704, 120302010707, 120302020602, 120302010701, 120301020706		City of Garland Storm Drainage Systems	Storm Drain Systems	City of Garland Storm Drainage Systems (38769 count)	Constructed	Unknown			
0300180378-0300180803	03	Trinity	Tarrant	12030101	120301010206, 120301010301		City of Richland Hills Storm Drainage Systems	Storm Drain Systems	City of Richland Hills Storm Drainage Systems (426 count)	Constructed	Unknown			
0300180804-0300182691	03	Trinity	Collin, Dallas	12030105, 12030106	120301050205, 120301050401, 120301050402, 120301050403, 120301050405, 120301060503, 120301060501, 120301060505, 120301060506, 120301060507		City of Sachse Storm Drainage Systems	Storm Drain Systems	City of Sachse Storm Drainage Systems (1888 count)	Constructed	Unknown			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300120230-0300120230	36300.51		Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300120231-0300120240	284713.708		Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300120241-0300120258	217299.807		Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300120259-0300120262	15996.8855		Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300120263-0300125717	618696.212		Unknown	Unknown	Unknown	Unknown	Unknown	City of Dallas	City of Dallas			
0300125718-0300141608	14548982.8		Unknown	Unknown	Unknown	Unknown	Unknown	City of Fort Worth	City of Fort Worth			
0300141609-0300180377	3084397.73		Unknown	Unknown	Unknown	Unknown	Unknown	City of Garland	City of Garland			
0300180378-0300180803	50920.0409		Unknown	Unknown	Unknown	Unknown	Unknown	City of Richland	City of Richland			
0300180804-0300182691	702025.277		Unknown	Unknown	Unknown	Unknown	Unknown	City of Sachse	City of Sachse			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300182692-0300182735	03	Trinity	Collin	12030203	120302030301, 120302030303		Collin County Weirs	Weirs	Weirs in Collin County (44 count)	Constructed	Unknown			
0300182736-0300182805	03	Trinity	Dallas	12030105, 12030109	120301050501, 120301050410, 120301050407, 120301050408, 120301090207, 120301050505, 120301090402, 120301090401, 120301090403, 120301090404		Dallas County Weirs	Weirs	Weirs in Dallas County (70 count)	Constructed	Unknown			
0300182806-0300182813	03	Trinity	Denton	12030102	120301020204		Denton County Weirs	Weirs	Weirs in Denton County (8 count)	Constructed	Unknown			
0300182814-0300182818	03	Trinity	Jack	12030108, 12030105, 12030102, 12030101	120301020701, 120301050102, 120301020405, 120301020506, 120301020706, 120301020105, 120301020307, 120301020501, 120301020503, 120301020504		Jack County Weirs	Weirs	Weirs in Jack County (5 count)	Constructed	Unknown			
0300182819-0300182819	03	Trinity	Parker	12030104, 12030102	120301040302, 120301020701, 120301020703, 120301020502, 120301020702, 120301020307, 120301020402, 120301020501		Parker County Weirs	Weirs	Weirs in Parker County (1 count)	Constructed	Unknown			
0300182820-0300182832	03	Trinity	Tarrant	12030101	120301010604, 120301010408		Tarrant County Weirs	Weirs	Weirs in Tarrant County (13 count)	Constructed	Unknown			
0300182833-0300183040	03	Trinity	Tarrant	12030105, 12030102	120301050104, 120301050106, 120301050108, 120301020403, 120301020404, 120301020405, 120301020504, 120301020506, 120301020605, 120301020606, 120301020607, 120301020701, 120301020702		City of Arlington Parks	Other	City of Arlington Parks (208 count)	Constructed	Unknown			
0300183041-0300183437	03	Trinity	Collin, Dallas	12030105, 12030102	120301050102, 120301050105, 120301050106, 120301050107, 120301050203, 120301020607		City of Dallas Parks	Other	City of Dallas Parks (397 count)	Constructed	Unknown			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300182692-0300182735	3819.02531		Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300182736-0300182805	6216.2593		Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300182806-0300182813	576.24365		Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300182814-0300182818	3058.77134		Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300182819-0300182819	63.90171		Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300182820-0300182832	1743.00203		Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300182833-0300183040		10551.3244	Unknown	Unknown	Unknown	Unknown	Unknown	City of Arlington	City of Arlington			
0300183041-0300183437		17011.19891	Unknown	Unknown	Unknown	Unknown	Unknown	City of Dallas	City of Dallas			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300183438-0300183720	03	Trinity	Denton, Tarr	12030105, 12030106, 12030103, 12030102			City of Fort Worth Parks	Other	City of Fort Worth Parks (283 count)	Constructed	Unknown			
0300183721-0300183805	03	Trinity	Dallas	12030104, 12030102, 12030101			City of Garland Parks	Other	City of Garland Parks (85 count)	Constructed	Unknown			
0300183806-0300183841	03	Trinity	Collin	12030105, 12030106	120301050105, 120301060406, 120301060407, 120301060408, 120301060409, 120301060501		Collin County Parks	Other	Collin County Parks (36 count)	Constructed	Unknown			
0300183842-0300184124	03	Trinity	Denton	12030105, 12030106	120301050105, 120301060406, 120301060407, 120301060408, 120301060409, 120301060501		Denton County Parks	Other	Denton County Parks (283 count)	Constructed	Unknown			
0300184125-0300184150	03	Trinity	Liberty, Polk	12030106	120301060102, 120301060103, 120301060105, 120301060204, 120301060205, 120301060207, 120301060208, 120301060302, 120301060303, 120301060304, 120301060305, 120301060306, 120301060307, 120301060401		Houston-Galveston Area Council	Other	Parks Operated by Houston-Galveston Area Council (HGAC) (26 count)	Constructed	Unknown			
0300184151-0300184152	03	Trinity	Hardin, Liber	12030203, 12030104, 12030105, 12030103			National Parks Service (NPS) Parks	Other	National Parks Service (NPS) Parks (2 count)	Constructed	Unknown			
0300184153-0300184180	03	Trinity	Anderson, C	12040203, 12030203, 12040202	<Null>		Texas Parks and Wildlife Department Parks	Other	Texas Parks and Wildlife Department Parks (28 count)	Constructed	Unknown			
0300184181-0300184189	03	Trinity	Anderson, C	12030201, 12030105, 12020001			Texas Parks and Wildlife Department/US Fish and Wildlife Parks	Other	Texas Parks and Wildlife Department/US Fish and Wildlife Parks (9 count)	Constructed	Unknown			
0300184190-0300184208	03	Trinity	Anderson, D	12030101	120301010101, 120301010102, 120301010103, 120301010107		US Department of Agriculture Preserves	Other	US Department of Agriculture Preserves (19 count)	Natural	Unknown			
0300184209-0300184218	03	Trinity	Dallas	12040203, 12030203, 12040202	120302030202, 120302030204, 120302030304, 120302030306		City of Dallas Detention Ponds	Pond	City of Dallas Detention Ponds (10 count)	Constructed	Unknown			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300183438-0300183720		11394.56887	Unknown	Unknown	Unknown	Unknown	Unknown	City of Fort Worth	City of Fort Worth			
0300183721-0300183805		2847.293796	Unknown	Unknown	Unknown	Unknown	Unknown	City of Garland	City of Garland			
0300183806-0300183841		19411.47049	Unknown	Unknown	Unknown	Unknown	Unknown	Collin County	Collin County			
0300183842-0300184124		26340.96316	Unknown	Unknown	Unknown	Unknown	Unknown	Denton County	Denton County			
0300184125-0300184150		18425.67136	Unknown	Unknown	Unknown	Unknown	Unknown	Houston-Galveston Area Council	Houston-Galveston Area Council			
0300184151-0300184152		4894.8919	Unknown	Unknown	Unknown	Unknown	Unknown	National Parks Service	National Parks Service			
0300184153-0300184180		110329.5507	Unknown	Unknown	Unknown	Unknown	Unknown	Texas Parks and Wildlife Department	Texas Parks and Wildlife Department			
0300184181-0300184189		91228.83912	Unknown	Unknown	Unknown	Unknown	Unknown	Texas Parks and Wildlife Department, US Fish and Wildlife Service	Texas Parks and Wildlife Department, US Fish and Wildlife Service			
0300184190-0300184208		10243.01333	Unknown	Unknown	Unknown	Unknown	Unknown	USDA	USDA			
0300184209-0300184218		32.608492	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300184219-0300184379	03	Trinity	Dallas	11130201, 12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502		City of Garland Detention Ponds	Pond	City of Garland Detention Ponds (161 count)	Constructed	Unknown			
0300184380-0300184393	03	Trinity	Anderson	12030105, 12030106, 12030103			National Hydrography Dataset (NHD), Anderson	Pond	Waterbodies Designated by the NHD in Anderson County (14 count)	Constructed	Unknown			
0300184394-0300184394	03	Trinity	Archer	12030103			National Hydrography Dataset (NHD), Archer	Pond	Waterbodies Designated by the NHD in Archer County (1 count)	Constructed	Unknown			
0300184395-0300184421	03	Trinity	Chambers	12030104, 12030105, 12030106, 12030103, 12030102			National Hydrography Dataset (NHD), Chambers	Pond	Waterbodies Designated by the NHD in Chambers County (27 count)	Constructed	Unknown			
0300184422-0300184428	03	Trinity	Collin	12030104, 12030103			National Hydrography Dataset (NHD), Collin	Pond	Waterbodies Designated by the NHD in Collin County (7 count)	Constructed	Unknown			
0300184429-0300184433	03	Trinity	Cooke	12030108, 12030105, 12030109, 12030102			National Hydrography Dataset (NHD), Cooke	Pond	Waterbodies Designated by the NHD in Cooke County (5 count)	Constructed	Unknown			
0300184434-0300184470	03	Trinity	Dallas	11140301, 12030106	120301060101, 120301060102, 120301060103		National Hydrography Dataset (NHD), Dallas	Pond	Waterbodies Designated by the NHD in Dallas County (37 count)	Constructed	Unknown			
0300184471-0300184477	03	Trinity	Denton	12030108, 12030201, 12030105			National Hydrography Dataset (NHD), Denton	Pond	Waterbodies Designated by the NHD in Denton County (7 count)	Constructed	Unknown			
0300184478-0300184493	03	Trinity	Ellis	12030106, 12030103, 11130210	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030701, 120301030702		National Hydrography Dataset (NHD), Ellis	Pond	Waterbodies Designated by the NHD in Ellis County (16 count)	Constructed	Unknown			
0300184494-0300184510	03	Trinity	Freestone	12030202, 12040101, 12070103	120302020405, 120302020407, 120302020409, 120302020501, 120302020502		National Hydrography Dataset (NHD), Freestone	Pond	Waterbodies Designated by the NHD in Freestone County (17 count)	Constructed	Unknown			
0300184511-0300184514	03	Trinity	Grayson	12030202, 12020007	120302021205		National Hydrography Dataset (NHD), Grayson	Pond	Waterbodies Designated by the NHD in Grayson County (4 count)	Constructed	Unknown			
0300184515-0300184518	03	Trinity	Grimes	12030107, 12030201, 12030105, 12020001			National Hydrography Dataset (NHD), Grimes	Pond	Waterbodies Designated by the NHD in Grimes County (4 count)	Constructed	Unknown			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300184219-0300184379		326.19396	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184380-0300184393		929.79782	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184394-0300184394		42.92483	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184395-0300184421		13591.19081	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184422-0300184428		22324.54809	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184429-0300184433		11640.66607	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184434-0300184470		17836.0948	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184471-0300184477		45216.7534	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184478-0300184493		4912.24967	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184494-0300184510		8326.61249	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184511-0300184514		2628.61466	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184515-0300184518		186.06534	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300184519-0300184554	03	Trinity	Henderson	12030108, 12030109, 12060202	120301080101, 120301080102, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080301, 120301090107, 120301090108, 120301090204		National Hydrography Dataset (NHD), Henderson	Pond	Waterbodies Designated by the NHD in Henderson County (36 count)	Constructed	Unknown			
0300184555-0300184556	03	Trinity	Hill	12030202, 12030201, 12020001, 12020002			National Hydrography Dataset (NHD), Hill	Pond	Waterbodies Designated by the NHD in Hill County (2 count)	Constructed	Unknown			
0300184557-0300184564	03	Trinity	Houston	12030107, 12030106	120301060102, 120301070102		National Hydrography Dataset (NHD), Houston	Pond	Waterbodies Designated by the NHD in Houston County (8 count)	Constructed	Unknown			
0300184565-0300184572	03	Trinity	Jack	12030101			National Hydrography Dataset (NHD), Jack	Pond	Waterbodies Designated by the NHD in Jack County (8 count)	Constructed	Unknown			
0300184573-0300184574	03	Trinity	Johnson	12030109, 12030102	120301090101, 120301090102, 120301090103, 120301090106, 120301090107, 120301020303, 120301020304, 120301020401, 120301020402, 120301020601, 120301020603, 120301020604		National Hydrography Dataset (NHD), Johnson	Pond	Waterbodies Designated by the NHD in Johnson County (2 count)	Constructed	Unknown			
0300184575-0300184594	03	Trinity	Kaufman	12030107, 12030105, 12030106			National Hydrography Dataset (NHD), Kaufman	Pond	Waterbodies Designated by the NHD in Kaufman County (20 count)	Constructed	Unknown			
0300184595-0300184609	03	Trinity	Leon	12030202, 12030201, 12070103			National Hydrography Dataset (NHD), Leon	Pond	Waterbodies Designated by the NHD in Leon County (15 count)	Constructed	Unknown			
0300184610-0300184649	03	Trinity	Liberty	12030202, 12040203, 12030203, 12020007, 12040202, 12040103			National Hydrography Dataset (NHD), Liberty	Pond	Waterbodies Designated by the NHD in Liberty County (40 count)	Constructed	Unknown			
0300184650-0300184650	03	Trinity	Limestone	12030108, 12030201	120301080301, 120301080302, 120301080303, 120301080304, 120302010101		National Hydrography Dataset (NHD), Limestone	Pond	Waterbodies Designated by the NHD in Limestone County (1 count)	Constructed	Unknown			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300184519-0300184554		28435.73013	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184555-0300184556		82.26922	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184557-0300184564		2197.82663	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184565-0300184572		1420.47801	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184573-0300184574		494.88346	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184575-0300184594		11953.44004	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184595-0300184609		890.972111	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184610-0300184649		3092.78269	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184650-0300184650		53.96723	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300184651-0300184653	03	Trinity	Madison	12030202	120302020203, 120302020308, 120302020401, 120302020402, 120302020403, 120302020404, 120302020405, 120302020406, 120302020408, 120302020409, 120302020503, 120302020504, 120302020506, 120302020507, 120302020601, 120302020602, 120302020604		National Hydrography Dataset (NHD), Madison	Pond	Waterbodies Designated by the NHD in Madison County (3 count)	Constructed	Unknown			
0300184654-0300184657	03	Trinity	Montague	12030104, 11130201, 12030103, 12030101	120301040101, 120301040102, 120301040103, 120301040104, 120301040105, 120301010501, 120301010502, 120301010503, 120301010504, 120301010505, 120301010506, 120301010507, 120301010508, 120301030101, 120301030501, 120301030502, 120301030503, 120301030505		National Hydrography Dataset (NHD), Montague	Pond	Waterbodies Designated by the NHD in Montague County (4 count)	Constructed	Unknown			
0300184658-0300184679	03	Trinity	Navarro	12030108, 12030201, 12030105, 12030109			National Hydrography Dataset (NHD), Navarro	Pond	Waterbodies Designated by the NHD in Navarro County (22 count)	Constructed	Unknown			
0300184680-0300184686	03	Trinity	Parker	12030102, 12030101			National Hydrography Dataset (NHD), Parker	Pond	Waterbodies Designated by the NHD in Parker County (7 count)	Constructed	Unknown			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300184651-0300184653		869.06855	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184654-0300184657		1717.11878	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184658-0300184679		43845.51992	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184680-0300184686		1546.24907	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300184687-0300184692	03	Trinity	Polk	12030202, 12020006	120302020902, 120302020903, 120302021001, 120302021002, 120302021003, 120302021004, 120302021005, 120302021006, 120302021102, 120302021104, 120302021105, 120302021106, 120302021202, 120302021203, 120302021204, 120302021205, 120302021206, 120302021207		National Hydrography Dataset (NHD), Polk	Pond	Waterbodies Designated by the NHD in Polk County (6 count)	Constructed	Unknown			
0300184693-0300184699	03	Trinity	Rockwall	12030107, 12030106	120301060401, 120301060402, 120301060409, 120301060502, 120301070101, 120301070102		National Hydrography Dataset (NHD), Rockwall	Pond	Waterbodies Designated by the NHD in Rockwall County (7 count)	Constructed	Unknown			
0300184700-0300184704	03	Trinity	San Jacinto	12030202, 12030203, 12040103	120302020807, 120302021101, 120302021103, 120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101		National Hydrography Dataset (NHD), San Jacinto	Pond	Waterbodies Designated by the NHD in San Jacinto County (5 count)	Constructed	Unknown			
0300184705-0300184716	03	Trinity	Tarrant	12030104, 12030102, 12030101			National Hydrography Dataset (NHD), Tarrant	Pond	Waterbodies Designated by the NHD in Tarrant County (12 count)	Constructed	Unknown			
0300184717-0300184720	03	Trinity	Trinity	12030202	120302020703, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302020901, 120302020903, 120302021102, 120302021103		National Hydrography Dataset (NHD), Trinity	Pond	Waterbodies Designated by the NHD in Trinity County (4 count)	Constructed	Unknown			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300184687-0300184692		32017.03601	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184693-0300184699		13013.2117	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184700-0300184704		35050.17262	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184705-0300184716		22294.78469	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184717-0300184720		11482.93228	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300184721-0300184724	03	Trinity	Van Zandt	12030107	120301070203, 120301070204, 120301070205, 120301070301, 120301070302, 120301070305, 120301070306		National Hydrography Dataset (NHD), Van Zandt	Pond	Waterbodies Designated by the NHD in Van Zandt County (4 count)	Constructed	Unknown			
0300184725-0300184727	03	Trinity	Walker	12030202, 12040101, 12040103	120302020409, 120302020501, 120302020502, 120302020505, 120302020506, 120302020507, 120302020603, 120302020604, 120302020713, 120302020801, 120302020802, 120302020803, 120302020804, 120302020805, 120302020806, 120302020807		National Hydrography Dataset (NHD), Walker	Pond	Waterbodies Designated by the NHD in Walker County (3 count)	Constructed	Unknown			
0300184728-0300184739	03	Trinity	Wise	12030104, 12030103, 12030101			National Hydrography Dataset (NHD), Wise	Pond	Waterbodies Designated by the NHD in Wise County (12 count)	Constructed	Unknown			
0300184740-0300185589	03	Trinity	Anderson	12030101, 12060201	120301010101, 120301010102, 120301010103, 120301010104, 120301010105		Freshwater Emergent Wetland in Anderson County	Wetland	Freshwater Emergent Wetland in Anderson (850 count)	Combination	Unknown			
0300185590-0300187053	03	Trinity	Anderson	12030201, 12030105			Freshwater Forested/Shrub Wetland in Anderson County	Wetland	Freshwater Forested/Shrub Wetland in Anderson (1464 count)	Combination	Unknown			
0300187054-0300187364	03	Trinity	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107		Freshwater Emergent Wetland in Archer County	Wetland	Freshwater Emergent Wetland in Archer (311 count)	Combination	Unknown			
0300187365-0300187468	03	Trinity	Archer	12040203, 12030203, 12040202	120302030202, 120302030203, 120302030204, 120302030304, 120302030306		Freshwater Forested/Shrub Wetland in Archer County	Wetland	Freshwater Forested/Shrub Wetland in Archer (104 count)	Combination	Unknown			
0300187469-0300187847	03	Trinity	Chambers	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502		Estuarine and Marine Wetland in Chambers County	Wetland	Estuarine and Marine Wetland in Chambers (379 count)	Combination	Unknown			
0300187848-0300188563	03	Trinity	Chambers	12030105, 12030106, 12030103			Freshwater Emergent Wetland in Chambers County	Wetland	Freshwater Emergent Wetland in Chambers (716 count)	Combination	Unknown			
0300188564-0300189671	03	Trinity	Chambers	12030103			Freshwater Forested/Shrub Wetland in Chambers County	Wetland	Freshwater Forested/Shrub Wetland in Chambers (1108 count)	Combination	Unknown			

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Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300184721-0300184724		463.57213	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184725-0300184727		3954.93903	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184728-0300184739		11032.96109	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300184740-0300185589		3779.504755	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300185590-0300187053		14018.81781	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300187054-0300187364		123.60883	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300187365-0300187468		137.703194	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300187469-0300187847		4842.46491	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300187848-0300188563		8211.075189	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300188564-0300189671		11363.56399	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300189672-0300189796	03	Trinity	Clay	12030104, 12030105, 12030106, 12030103, 12030102			Freshwater Emergent Wetland in Clay County	Wetland	Freshwater Emergent Wetland in Clay (125 count)	Combination	Unknown			
0300189797-0300189864	03	Trinity	Clay	12030104, 12030103			Freshwater Forested/Shrub Wetland in Clay County	Wetland	Freshwater Forested/Shrub Wetland in Clay (68 count)	Combination	Unknown			
0300189865-0300190841	03	Trinity	Collin	12030108, 12030105, 12030109, 12030102			Freshwater Emergent Wetland in Collin County	Wetland	Freshwater Emergent Wetland in Collin (977 count)	Combination	Unknown			
0300190842-0300192169	03	Trinity	Collin	12030106	120301060101, 120301060102, 120301060103		Freshwater Forested/Shrub Wetland in Collin County	Wetland	Freshwater Forested/Shrub Wetland in Collin (1328 count)	Combination	Unknown			
0300192170-0300192516	03	Trinity	Cooke	12030108, 12030201, 12030105			Freshwater Emergent Wetland in Cooke County	Wetland	Freshwater Emergent Wetland in Cooke (347 count)	Combination	Unknown			
0300192517-0300192945	03	Trinity	Cooke	12030106, 12030103	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030701, 120301030702		Freshwater Forested/Shrub Wetland in Cooke County	Wetland	Freshwater Forested/Shrub Wetland in Cooke (429 count)	Combination	Unknown			
0300192946-0300193628	03	Trinity	Dallas	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502		Freshwater Emergent Wetland in Dallas County	Wetland	Freshwater Emergent Wetland in Dallas (683 count)	Combination	Unknown			
0300193629-0300194451	03	Trinity	Dallas	12030202, 12020007	120302021205		Freshwater Forested/Shrub Wetland in Dallas County	Wetland	Freshwater Forested/Shrub Wetland in Dallas (823 count)	Combination	Unknown			
0300194452-0300195482	03	Trinity	Denton	12030107, 12030201, 12030105, 12020001			Freshwater Emergent Wetland in Denton County	Wetland	Freshwater Emergent Wetland in Denton (1031 count)	Combination	Unknown			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300189672-0300189796		38.589235	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300189797-0300189864		239.856597	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300189865-0300190841		2844.126706	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300190842-0300192169		10976.77396	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300192170-0300192516		279.630314	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300192517-0300192945		1767.362771	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300192946-0300193628		3700.869966	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300193629-0300194451		12623.16677	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300194452-0300195482		5307.364439	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300195483-0300196546	03	Trinity	Denton	12030108, 12030109	120301080101, 120301080102, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090107, 120301090108, 120301090204		Freshwater Forested/Shrub Wetland in Denton County	Wetland	Freshwater Forested/Shrub Wetland in Denton (1064 count)	Combination	Unknown			
0300196547-0300197203	03	Trinity	Ellis	12030202, 12030201			Freshwater Emergent Wetland in Ellis County	Wetland	Freshwater Emergent Wetland in Ellis (657 count)	Combination	Unknown			
0300197204-0300197897	03	Trinity	Ellis	12030106	120301060102		Freshwater Forested/Shrub Wetland in Ellis County	Wetland	Freshwater Forested/Shrub Wetland in Ellis (694 count)	Combination	Unknown			
0300197898-0300197930	03	Trinity	Fannin	12030101			Freshwater Emergent Wetland in Fannin County	Wetland	Freshwater Emergent Wetland in Fannin (33 count)	Combination	Unknown			
0300197931-0300197975	03	Trinity	Fannin	12030109, 12030102	120301090101, 120301090102, 120301090103, 120301090106, 120301090107, 120301020303, 120301020304, 120301020401, 120301020402, 120301020601, 120301020604		Freshwater Forested/Shrub Wetland in Fannin County	Wetland	Freshwater Forested/Shrub Wetland in Fannin (45 count)	Combination	Unknown			
0300197976-0300198924	03	Trinity	Freestone	12030107, 12030105, 12030106			Freshwater Emergent Wetland in Freestone County	Wetland	Freshwater Emergent Wetland in Freestone (949 count)	Combination	Unknown			
0300198925-0300200165	03	Trinity	Freestone	12030202, 12030201, 12070103			Freshwater Forested/Shrub Wetland in Freestone County	Wetland	Freshwater Forested/Shrub Wetland in Freestone (1241 count)	Combination	Unknown			
0300200166-0300200451	03	Trinity	Grayson	12030202, 12040203, 12030203, 12020007, 12040202, 12040103			Freshwater Emergent Wetland in Grayson County	Wetland	Freshwater Emergent Wetland in Grayson (286 count)	Combination	Unknown			
0300200452-0300200812	03	Trinity	Grayson	12030108, 12030201	120301080301, 120301080302, 120301080303, 120301080304, 120302010101		Freshwater Forested/Shrub Wetland in Grayson County	Wetland	Freshwater Forested/Shrub Wetland in Grayson (361 count)	Combination	Unknown			
0300200813-0300200954	03	Trinity	Grimes	12030202			Freshwater Emergent Wetland in Grimes County	Wetland	Freshwater Emergent Wetland in Grimes (142 count)	Combination	Unknown			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300195483-0300196546		9704.053562	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300196547-0300197203		1379.534381	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300197204-0300197897		7416.626838	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300197898-0300197930		34.063763	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300197931-0300197975		143.359108	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300197976-0300198924		8288.508361	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300198925-0300200165		30626.85088	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300200166-0300200451		343.106597	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300200452-0300200812		1878.822955	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300200813-0300200954		146.518031	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFG No.	RFG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300200955-0300201035	03	Trinity	Grimes	12030104, 12030103, 12030101	120301040101, 120301040102, 120301040103, 120301040104, 120301040105, 120301010501, 120301010502, 120301010503, 120301010504, 120301010505, 120301010506, 120301010507, 120301010508, 120301030101, 120301030501, 120301030502, 120301030503, 120301030505		Freshwater Forested/Shrub Wetland in Grimes County	Wetland	Freshwater Forested/Shrub Wetland in Grimes (81 count)	Combination	Unknown			
0300201036-0300201141	03	Trinity	Hardin	12030108, 12030107, 12030201, 12030105, 12030109			Freshwater Emergent Wetland in Hardin County	Wetland	Freshwater Emergent Wetland in Hardin (106 count)	Combination	Unknown			
0300201142-0300201236	03	Trinity	Hardin	12030102, 12030101			Freshwater Forested/Shrub Wetland in Hardin County	Wetland	Freshwater Forested/Shrub Wetland in Hardin (95 count)	Combination	Unknown			
0300201237-0300201945	03	Trinity	Henderson	12030202, 12020007			Freshwater Emergent Wetland in Henderson County	Wetland	Freshwater Emergent Wetland in Henderson (709 count)	Combination	Unknown			
0300201946-0300203132	03	Trinity	Henderson	12030107, 12030106	120301060401, 120301060402, 120301060409, 120301060502, 120301070101, 120301070102		Freshwater Forested/Shrub Wetland in Henderson County	Wetland	Freshwater Forested/Shrub Wetland in Henderson (1187 count)	Combination	Unknown			
0300203133-0300203377	03	Trinity	Hill	12030202, 12030203, 12040103	120302020807, 120302021101, 120302021103, 120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101		Freshwater Emergent Wetland in Hill County	Wetland	Freshwater Emergent Wetland in Hill (245 count)	Combination	Unknown			
0300203378-0300203598	03	Trinity	Hill	12030104, 12030102, 12030101			Freshwater Forested/Shrub Wetland in Hill County	Wetland	Freshwater Forested/Shrub Wetland in Hill (221 count)	Combination	Unknown			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300200955-0300201035		1315.26728	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300201036-0300201141		189.936652	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300201142-0300201236		412.435848	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300201237-0300201945		2119.85791	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300201946-0300203132		14953.4099	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300203133-0300203377		925.695304	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300203378-0300203598		1283.759548	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC8s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300203599-0300204825	03	Trinity	Houston	12030202	120302020703, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302020901, 120302020902, 120302020903, 120302021102, 120302021103		Freshwater Emergent Wetland in Houston County	Wetland	Freshwater Emergent Wetland in Houston (1227 count)	Combination	Unknown			
0300204826-0300206159	03	Trinity	Houston	12030107	120301070203, 120301070204, 120301070205, 120301070301, 120301070302, 120301070304, 120301070305, 120301070306		Freshwater Forested/Shrub Wetland in Houston County	Wetland	Freshwater Forested/Shrub Wetland in Houston (1334 count)	Combination	Unknown			
0300206160-0300206203	03	Trinity	Hunt	12030202	120302020409, 120302020502, 120302020504, 120302020505, 120302020506, 120302020507, 120302020603, 120302020604, 120302020708, 120302020713, 120302020801, 120302020802, 120302020803, 120302020804, 120302020805, 120302020806, 120302020807		Freshwater Emergent Wetland in Hunt County	Wetland	Freshwater Emergent Wetland in Hunt (44 count)	Combination	Unknown			
0300206204-0300206238	03	Trinity	Hunt	12030104, 12030103, 12030101			Freshwater Forested/Shrub Wetland in Hunt County	Wetland	Freshwater Forested/Shrub Wetland in Hunt (35 count)	Combination	Unknown			
0300206239-0300206959	03	Trinity	Jack	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105		Freshwater Emergent Wetland in Jack County	Wetland	Freshwater Emergent Wetland in Jack (721 count)	Combination	Unknown			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300203599-0300204825		2011.510551	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300204826-0300206159		11520.66716	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300206160-0300206203		59.236055	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300206204-0300206238		68.564099	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300206239-0300206959		663.934552	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300206960-0300207348	03	Trinity	Jack	12030202, 12030203	120302020801, 120302020805, 120302021206, 120302021207, 120302030101, 120302030102, 120302030103, 120302030104, 120302030106, 120302030107, 120302030108, 120302030109, 120302030301, 120302030305, 120302030306		Freshwater Forested/Shrub Wetland in Jack County	Wetland	Freshwater Forested/Shrub Wetland in Jack (389 count)	Combination				
0300207349-0300207546	03	Trinity	Johnson	12030201	120302010204, 120302010205, 120302010206, 120302010301, 120302010303, 120302010304, 120302010305, 120302010401, 120302010405		Freshwater Emergent Wetland in Johnson County	Wetland	Freshwater Emergent Wetland in Johnson (198 count)	Combination				
0300207547-0300207705	03	Trinity	Johnson	12030101	120301010101		Freshwater Forested/Shrub Wetland in Johnson County	Wetland	Freshwater Forested/Shrub Wetland in Johnson (159 count)	Combination				
0300207706-0300208292	03	Trinity	Kaufman	12040203, 12030203	120302030204, 120302030306		Freshwater Emergent Wetland in Kaufman County	Wetland	Freshwater Emergent Wetland in Kaufman (587 count)	Combination				
0300208293-0300208809	03	Trinity	Kaufman	12030106	120301060204, 120301060205, 120301060207, 120301060208, 120301060303, 120301060304, 120301060305, 120301060306, 120301060307, 120301060401, 120301060402, 120301060403		Freshwater Forested/Shrub Wetland in Kaufman County	Wetland	Freshwater Forested/Shrub Wetland in Kaufman (517 count)	Combination				
0300208810-0300210533	03	Trinity	Leon	12030103	120301030104, 120301030205, 120301030206, 120301030301, 120301030302, 120301030303, 120301030304, 120301030402, 120301030404, 120301030405, 120301030601		Freshwater Emergent Wetland in Leon County	Wetland	Freshwater Emergent Wetland in Leon (1724 count)	Combination				
0300210534-0300212256	03	Trinity	Leon	12030104, 12030105, 12030106, 12030103, 12030102			Freshwater Forested/Shrub Wetland in Leon County	Wetland	Freshwater Forested/Shrub Wetland in Leon (1723 count)	Combination				

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300206960-0300207348		1116.478457	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300207349-0300207546		110.435977	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300207547-0300207705		751.273256	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300207706-0300208292		4227.036027	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300208293-0300208809		12654.31035	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300208810-0300210533		6344.576402	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300210534-0300212256		17463.46476	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300212257-0300215573	03	Trinity	Liberty	12030104, 12030103	120301040304, 120301040305, 120301040306, 120301030304, 120301030405, 120301030406, 120301030601, 120301030703, 120301030705, 120301030805, 120301030901, 120301030902, 120301030903, 120301030904, 120301030905, 120301030906, 120301031001		Freshwater Emergent Wetland in Liberty County	Wetland	Freshwater Emergent Wetland in Liberty (3317 count)	Combination	Unknown			
0300215574-0300223405	03	Trinity	Liberty	12030105, 12030109, 12030102	120301050302, 120301050306, 120301090204, 120301090205, 120301090206, 120301090301, 120301090302, 120301090303, 120301090305, 120301090306, 120301090307, 120301090401, 120301020601, 120301020602, 120301020603		Freshwater Forested/Shrub Wetland in Liberty County	Wetland	Freshwater Forested/Shrub Wetland in Liberty (7832 count)	Combination	Unknown			
0300223406-0300223490	03	Trinity	Limestone	12030108, 12030201, 12030105	120301050506, 120301080406, 120301080407, 120302010109, 120302010110, 120302010305, 120302010403, 120302010502, 120302010504, 120302010602, 120302010603		Freshwater Emergent Wetland in Limestone County	Wetland	Freshwater Emergent Wetland in Limestone (85 count)	Combination	Unknown			
0300223491-0300223540	03	Trinity	Limestone	12030106, 12030103	120301060201, 120301030204, 120301030205, 120301030206, 120301030701		Freshwater Forested/Shrub Wetland in Limestone County	Wetland	Freshwater Forested/Shrub Wetland in Limestone (50 count)	Combination	Unknown			
0300223541-0300224037	03	Trinity	Madison	12030202	120302020409, 120302020501		Freshwater Emergent Wetland in Madison County	Wetland	Freshwater Emergent Wetland in Madison (497 count)	Combination	Unknown			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300212257-0300215573		9985.164249	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300215574-0300223405		110768.4255	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300223406-0300223490		202.048376	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300223491-0300223540		480.333588	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300223541-0300224037		1549.935397	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300224038-0300224645	03	Trinity	Madison	12030107, 12030201, 12030105	120301050501, 120301050504, 120301050505, 120301050506, 120301070302, 120301070303, 120301070304, 120301070305, 120301070306, 120301070307, 120301070308, 120301070309, 120301070310, 120301070311, 120302010201, 120302010202, 120302010203, 120302010204		Freshwater Forested/Shrub Wetland in Madison County	Wetland	Freshwater Forested/Shrub Wetland in Madison (608 count)	Combination	Unknown			
0300224646-0300225094	03	Trinity	Montague	12030108, 12030109	120301080101, 120301090107		Freshwater Emergent Wetland in Montague County	Wetland	Freshwater Emergent Wetland in Montague (449 count)	Combination	Unknown			
0300225095-0300225551	03	Trinity	Montague	12030202, 12030201	120302010704, 120302010706, 120302010707, 120302020307, 120302020308, 120302020602, 120302020604, 120302010703		Freshwater Forested/Shrub Wetland in Montague County	Wetland	Freshwater Forested/Shrub Wetland in Montague (457 count)	Combination	Unknown			
0300225552-0300226417	03	Trinity	Navarro	12030101	120301010205, 120301010206, 120301010207, 120301010301, 120301010304, 120301010402, 120301010403, 120301010409		Freshwater Emergent Wetland in Navarro County	Wetland	Freshwater Emergent Wetland in Navarro (866 count)	Combination	Unknown			
0300226418-0300227501	03	Trinity	Navarro	12030109	120301090101, 120301090106		Freshwater Forested/Shrub Wetland in Navarro County	Wetland	Freshwater Forested/Shrub Wetland in Navarro (1084 count)	Combination	Unknown			
0300227502-0300227851	03	Trinity	Parker	12030107, 12030105, 12030106			Freshwater Emergent Wetland in Parker County	Wetland	Freshwater Emergent Wetland in Parker (350 count)	Combination	Unknown			
0300227852-0300228351	03	Trinity	Parker	12030202, 12030201	120302010707, 120302020101, 120302020201, 120302020202, 120302010406, 120302010504, 120302010505, 120302010506, 120302010605, 120302010701		Freshwater Forested/Shrub Wetland in Parker County	Wetland	Freshwater Forested/Shrub Wetland in Parker (500 count)	Combination	Unknown			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300224038-0300224645		12319.37133	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300224646-0300225094		603.982099	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300225095-0300225551		2947.046622	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300225552-0300226417		7457.283942	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300226418-0300227501		29988.07684	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300227502-0300227851		301.094674	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300227852-0300228351		1230.080666	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300228352-0300228909	03	Trinity	Polk	12030202, 12030203	120302021207, 120302030101, 120302030102, 120302030103, 120302030104, 120302030105, 120302030106, 120302030107, 120302030109, 120302030201, 120302030203, 120302030204, 120302030301, 120302030302, 120302030303, 120302030305, 120302030306		Freshwater Emergent Wetland in Polk County	Wetland	Freshwater Emergent Wetland in Polk (558 count)	Combination	Unknown			
0300228910-0300229503	03	Trinity	Polk	12030108	120301080302		Freshwater Forested/Shrub Wetland in Polk County	Wetland	Freshwater Forested/Shrub Wetland in Polk (594 count)	Combination	Unknown			
0300229504-0300229552	03	Trinity	Rockwall	12030202	120302020308, 120302020408, 120302020506, 120302020507, 120302020601, 120302020602, 120302020604		Freshwater Emergent Wetland in Rockwall County	Wetland	Freshwater Emergent Wetland in Rockwall (49 count)	Combination	Unknown			
0300229553-0300229618	03	Trinity	Rockwall	12030104, 12030103, 12030101	120301040102, 120301010503, 120301010505, 120301030101		Freshwater Forested/Shrub Wetland in Rockwall County	Wetland	Freshwater Forested/Shrub Wetland in Rockwall (66 count)	Combination	Unknown			
0300229619-0300230214	03	Trinity	San Jacinto	12030108, 12030105, 12030109			Freshwater Emergent Wetland in San Jacinto County	Wetland	Freshwater Emergent Wetland in San Jacinto (596 count)	Combination	Unknown			
0300230215-0300231032	03	Trinity	San Jacinto	12030102	120301020203, 120301020204, 120301020206, 120301020207, 120301020208		Freshwater Forested/Shrub Wetland in San Jacinto County	Wetland	Freshwater Forested/Shrub Wetland in San Jacinto (818 count)	Combination	Unknown			
0300231033-0300231916	03	Trinity	Tarrant	12030202	120302020903, 120302021102, 120302021103, 120302021104, 120302021105, 120302021106, 120302021206, 120302021207		Freshwater Emergent Wetland in Tarrant County	Wetland	Freshwater Emergent Wetland in Tarrant (884 count)	Combination	Unknown			
0300231917-0300232816	03	Trinity	Tarrant	12030107, 12030106	120301060401, 120301060402, 120301060409, 120301060502, 120301070101, 120301070102		Freshwater Forested/Shrub Wetland in Tarrant County	Wetland	Freshwater Forested/Shrub Wetland in Tarrant (900 count)	Combination	Unknown			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300228352-0300228909		1411.028248	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300228910-0300229503		6920.274699	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300229504-0300229552		164.255612	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300229553-0300229618		310.879652	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300229619-0300230214		1507.746982	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300230215-0300231032		6618.29569	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300231033-0300231916		1327.749165	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300231917-0300232816		5981.801636	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300232817-0300233164	03	Trinity	Trinity	12030202	120302020807, 120302021101, 120302021103, 120302021104, 120302021105, 120302021106, 120302021207		Freshwater Emergent Wetland in Trinity County	Wetland	Freshwater Emergent Wetland in Trinity (348 count)	Combination	Unknown			
0300233165-0300233583	03	Trinity	Trinity	12030104, 12030102, 12030101			Freshwater Forested/Shrub Wetland in Trinity County	Wetland	Freshwater Forested/Shrub Wetland in Trinity (419 count)	Combination	Unknown			
0300233584-0300233738	03	Trinity	Van Zandt	12030202	120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021103		Freshwater Emergent Wetland in Van Zandt County	Wetland	Freshwater Emergent Wetland in Van Zandt (155 count)	Combination	Unknown			
0300233739-0300233948	03	Trinity	Van Zandt	12030107	120301070203, 120301070302, 120301070306		Freshwater Forested/Shrub Wetland in Van Zandt County	Wetland	Freshwater Forested/Shrub Wetland in Van Zandt (210 count)	Combination	Unknown			
0300233949-0300234530	03	Trinity	Walker	12030202	120302020505, 120302020506, 120302020507, 120302020603, 120302020604, 120302020802, 120302020803, 120302020804, 120302020805, 120302020806, 120302020807		Freshwater Emergent Wetland in Walker County	Wetland	Freshwater Emergent Wetland in Walker (582 count)	Combination	Unknown			
0300234531-0300235034	03	Trinity	Walker	12030104, 12030101	120301040206, 120301010404, 120301010405, 120301010406, 120301010407, 120301010408, 120301010409, 120301010411, 120301010601, 120301010604, 120301010605, 120301010606		Freshwater Forested/Shrub Wetland in Walker County	Wetland	Freshwater Forested/Shrub Wetland in Walker (504 count)	Combination	Unknown			
0300235035-0300235852	03	Trinity	Wise	12030202, 12020006, 120302021206, 120302021207	120302021204, 120302021205, 120302021206, 120302021207		Freshwater Emergent Wetland in Wise County	Wetland	Freshwater Emergent Wetland in Wise (818 count)	Combination	Unknown			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300232817-0300233164		1416.336893	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300233165-0300233583		3007.856938	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300233584-0300233738		147.398873	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300233739-0300233948		1986.020801	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300233949-0300234530		4696.219923	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300234531-0300235034		9044.941491	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300235035-0300235852		2001.784245	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC3s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Diameter (ft)	Height (ft)	Width (ft)
0300235853-0300236708	03	Trinity	Wise	12030202, 12030108, 12030107, 12030203, 12030201, 12030105, 12040103, 12030103, 12030102, 12030101, 12060201			Freshwater Forested/Shrub Wetland in Wise County	Wetland	Freshwater Forested/Shrub Wetland in Wise (856 count)	Combination	Unknown			
0300236709-0300236901	03	Trinity	Young	12030202, 12030108, 12030107, 12030201, 12030105, 12040103, 12030103			Freshwater Emergent Wetland in Young County	Wetland	Freshwater Emergent Wetland in Young (193 count)	Combination	Unknown			
0300236902-0300236939	03	Trinity	Young	12030202, 12030108, 12030203, 12030201, 12030104, 12030105, 12020007			Freshwater Forested/Shrub Wetland in Young County	Wetland	Freshwater Forested/Shrub Wetland in Young (38 count)	Combination	Unknown			

TWDB-Required Table 1: Summary of Existing Flood Infrastructure

Existing Infrastructure ID	Length (ft)	Area (Acres)	Level of Service (2 year, 10 year, 25 year, 50 year, 100 year, 500 year, Unknown)	Condition (Functional, Non functional, Unknown)	Condition Description	Deficiency Deficiency (Deficient, Non deficient, Unknown)	Deficiency Description	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
0300235853-0300236708		4775.991068	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300236709-0300236901		46.959533	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			
0300236902-0300236939		100.487433	Unknown	Unknown	Unknown	Unknown	Unknown	Varies	Varies			

Summary of Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000001	03	Trinity	None	Mitigate repetitive damages to Rocky Creek Road sustained between 2015 - Present.	San Jacinto	12030202, 12030203	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103
03000002	03	Trinity	Drainage Master Plan	Develop drainage master plan.	Liberty	12030202, 12030203, 12040202	
03000003	03	Trinity	Structure and Infrastructure	Identify flood-prone and repetitive loss properties and implement actions to reduce or eliminate flooding at identified properties.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

Summary of F

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000001	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103	Proposed		HMGP, PDM, FMA, GLO	No		Social, technical, administrative, legal, economic benefits
03000002		Proposed		Local funding through Capital Improvements, USACE-Planning Assistance to States, Flood Mitigation Assistance Program, TWDB-Research and Planning Fund Grants, HMGP, PDM	No		1:4 cost-benefit ratio
03000003		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of damages or injuries through flood mitigation at high risk structures; Reduce the need for emergency response in high risk areas; Reduce repetitive flood losses/claims; Reduce community recovery efforts and costs.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000004	03	Trinity	None	Pursue voluntary acquisition projects for flood prone properties in the Flowing Wells and Lake Run-a-Muck subdivisions	San Jacinto	12030202, 12030203	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103
03000005	03	Trinity	Local Plans and Regulations	Join the Community Rating System program.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000006	03	Trinity	Structure and Infrastructure	Identify flood-prone and repetitive loss properties through the Texas Water Development Board. Identify and implement actions to reduce or eliminate flooding at identified properties.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03000007	03	Trinity	Promote the use of early warning systems.	Increase the ability of residents and businesses of Wolfe City to receive early warning from the National Weather Service. This would be accomplished by using grant funding to help purchase and distribute NOAA weather radios to vulnerable populations and	Hunt	12030106, 12030107	120301060101, 120301060101, 120301060102, 120301070102
03000008	03	Trinity	None	Enhance/Develop and implement the current comprehensive public education program to include recommended actions to mitigate the impacts of these hazards	Tarrant	12030101, 12030102, 12030103, 12030104	
03000009	03	Trinity	None	Contract with US Army Corps of Engineers (USACE) to conduct proper studies in and around Everman to identify potential causes of flooding and to provide better information on mitigation of flooding.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000004	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103	Proposed		HMGP, RFC, SRL, FMA, FPP, PDM, PDD's, general funds from the City of Shepherd and San Jacinto County	No		Social, technical, administrative, economic, legal and environmental benefits
03000005	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time)	No		Reduce flood insurance premiums for local residents; Reduce flood risk and build resiliency.
03000006	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of damages or injuries through flood mitigation at high risk structures; Reduce the need for emergency response in high risk areas; Reduce repetitive flood losses/claims; Reduce community recovery efforts and costs.
03000007	120301060101, 120301060101, 120301060102, 120301070102	Proposed		General funds, federal grants, state grants	No		Advanced warning allows citizen to respond to natural hazards with more time to prevent loss of life and property damage.
03000008		Proposed		Hazard mitigation grants, city budget	No		\$30,000
03000009		Proposed		City budget, hazard mitigation grants	No		\$1,800,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000010	03	Trinity	Structure and Infrastructure	Acquire and install generators with hard wired quick connections at critical facilities in the County as well as at Volunteer Fire Departments within the County	Van Zandt	12030107	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304
03000011	03	Trinity	Implementation of Code Red or Advanced Warning and Public Notification System	Obtain access and/or incorporate the use of the automated emergency calling system, Code Red, into local emergency management plan	Henderson	12030105, 12030107, 12030201	
03000012	03	Trinity	Purchase Portable Pumps	This action proposes purchasing portable pumps that can be deployed as needed to mitigate the potential impacts of future flood events.	Freestone	12030105, 12030108, 12030201	
03000013	03	Trinity	Structure and Infrastructure	Increase drainage capacity; Add stormwater detention and / or retention basins as deemed necessary to reduce flood risk	Montague	12030101, 12030103, 12030104	
03000014	03	Trinity	Structure and Infrastructure	Relocate critical facilities out of high hazard areas.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03000015	03	Trinity	Structure and InfrastructureProject	Install permanent generators on all school building	Kaufman	12030105, 12030106, 12030107	
03000016	03	Trinity	None	Enhance the city CodeRed system to better serve the community with greater information and notification times.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000010	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304	Proposed		Local Funds, HMGP, State and Federal Grants	No		Provide power for critical facilities during power outages and ensure continuity of critical services.
03000011		Proposed		City Council	No		High
03000012		Proposed		County, FEMA PDM, FEMA HMGP, FEMA FMA	No		None listed
03000013		Proposed		Local Funds, HMGP, CDBF, State and Federal Grants	No		Reduce flood risk through improved drainage capacity; Reduce risk of damages and injuries; Reduce emergency response demands.
03000014	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds (staff time), State and Federal Grants	No		Reduce risk of damages to structures; Ensure continuity of critical services; Reduce risk of injuries to critical service employees.
03000015		Proposed		HMGP	No		Ensure continuation of essential services to students and faculty in event of a disaster
03000016		Proposed		HMGP, city funds	No		\$14,400

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000017	03	Trinity	Structure and Infrastructure	Install stream and rain gauges in flood prone areas and waterways as part of overall rainfall tracking, recording program, and new alert notification system.	Houston	12030201, 12030202	
03000018	03	Trinity	Develop and implement storm water drainage system for new development	Develop and implement storm water management system for new areas of development in the county. Pre-development analysis and considerations to include drainage issues and flooding. System to mitigate identified issues and include measures for collection,	Ellis	12030102, 12030105, 12030108, 12030109	
03000019	03	Trinity	Create/implement new building codes	Mitigate water runoff from severe rain downfall to assist in preventing flooding	Henderson	12030105, 12030107, 12030201	
03000020	03	Trinity	Property Protection	Install permanently mounted 100 kw generator on a concrete pad at Courthouse Annex building #3 to provide continuous critical services to County and continuity of government	Walker	12030202	
03000021	03	Trinity	Structure and Infrastructure	Pursue the coordination, construction, expansion, and maintenance of flood control structures (barriers, berms) for the purpose of protecting critical facilities, potable water sources, and agricultural resources from water contamination and salt water i	Hardin	12030202	120302021205
03000022	03	Trinity	None	Develop alternate routes for first responders with regards to crossing the railroad tracks in the city.	Parker	12030101, 12030102	
03000023	03	Trinity	Structure and Infrastructure	Relocate critical facilities out of high hazard areas.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03000024	03	Trinity	Use data, including reports and GIS for preplanning activities.	Use GIS data to ensure all neighborhoods have proper access points for first responders	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000017		Proposed		Grants	No		Monitor rainfall to reduce impact on residents, evacuation response time for flood management and flash flood events.
03000018		Proposed		HMGP, PDM, General fund, In-kind	No		To mitigate flooding and its impacts to the community.
03000019		Proposed		City Budget	No		Low
03000020		Proposed		HMGP, PDM	No		More than a 1:4 cost-benefit ratio
03000021	120302021205	Proposed		Operating budgets, local funding, PDM, HMGP	No		Protect critical facilities, potable water sources, and agricultural resources from water contamination and salt water intrusion.
03000022		Proposed		General Fund, grants	No		\$60,000
03000023	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of damages to structures; Ensure continuity of critical services; Reduce risk of injuries to critical service employees.
03000024	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney funds	No		\$40,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000025	03	Trinity	Structure and Infrastructure	Adopt and implement a program for clearing debris from bridges, drains and culverts.	Van Zandt	12030107	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304
03000026	03	Trinity	Education and Awareness	Develop a public education and awareness website to educate and inform Rockwall County residents/businesses about the natural hazards and the potential ways to mitigate them.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03000027	03	Trinity	None	Acquire homes located in the identified flood hazard area downstream of Fort Parker Lake Dam.	Limestone	12030108, 12030201	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102
03000028	03	Trinity	Structure and Infrastructure	Raise electrical components of sewage lift stations above the Base Flood Elevation (BFE).	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03000029	03	Trinity	None	Improve and expand roadside drainage ditches to increase water flow during flood events.	Hood	12030102	120301020301, 120301020301
03000030	03	Trinity	Upgrade Drainage Pump Stations	This action proposes upgrading pump stations to duce the potential impacts of future flood events.	Leon	12030201, 12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000025	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304	Proposed		Local Funds, State, and Federal grants	No		Reduce damages caused by flooding by maintaining or restoring drainage capacity.
03000026	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		Local Funding, Grants	No		Reduce risks and impacts to properties throughout Rockwall County through education and awareness of dangers associated with natural disasters.
03000027	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102	Proposed		FEMA mitigation grants, Texas Water Development Board, general revenues	No		Buildings will be removed permanently from the identified flood hazard area, thus preventing future damages due to floods.
03000028	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds (staff time), State and Federal Grants	No		Reduce risk of flood water contamination; Reduce risk of surface water infiltration and sewage backup; Ensure continuity of critical services.
03000029	120301020301, 120301020301	Proposed		Local Funds, State/Federal Grants, In-Kind Match	No		\$300,000
03000030		Proposed		City, FEMA FMA, FEMA PDM, FEMA HMGP	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000031	03	Trinity	Property Protection, Structural Project	Generate base flood elevation data for flood map revisions. Use a floodplain study to identify future mitigation activities to improve water ways and flood carrying capacities for watersheds affecting the City's municipal areas. Area to include approxima	Walker	12030202	
03000032	03	Trinity	None	Apply for grant funds for water rescue training and equipment for local fire department.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000033	03	Trinity	None	Research and distribute to all stakeholders current data related to the condition of and hazards associated with the city's dams.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000034	03	Trinity	Drainage improvements to mitigate future flash and lake flooding problems reducing the loss of life and property.	Areas within the city such as culverts, roads, creek/ streams, and parks have developed drainage problems due to flash flooding from severe weather and saturation from lake flooding.	Denton	12030103, 12030104, 12030105	
03000035	03	Trinity	None	Storm drainage cleaning and enhancements	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000036	03	Trinity	None	Ensure first responders have the necessary equipment to respond to any and all disasters.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000037	03	Trinity	Structure and Infrastructure	Bury existing utility lines.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03000038	03	Trinity	Structure and Infrastructure	Elevate AC units on all facilities to protect against flood waters in the case of a Dam Failure.	Houston	12030201, 12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000031		Proposed		PDM Program, HMGP, FMA	No		More than a 1:4 cost-benefit ratio
03000032	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Grants, donations	No		Prevent potential harm from flooding.
03000033		Proposed		City general fund	No		\$6,000
03000034		Proposed		HMGP, general fund, local funds, donations, in-kind, grants	No		Installing these controls will reduce drainage problems, and reduce the loss of life and property.
03000035	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To keep debris from hampering drainage.
03000036		Proposed		City budget, grant funds	No		\$6,000,000
03000037	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Reduce damages to infrastructure; Ensure continuity of critical services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations
03000038		Proposed		HMGP Grants	No		Avoid disruption of essential utility services for all students and faculty during severe weather events.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000039	03	Trinity	Education and Awareness	Acquire and install warning systems throughout the county, including incorporated jurisdictions.	Van Zandt	12030107	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304
03000040	03	Trinity	None	Build a dual-use community safe room.	Limestone	12030108, 12030201	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102
03000041	03	Trinity	Public Information and Awareness	Install Outdoor Early warning System to provide citizens early warning of an impending disaster, or an event that would affect the life and/or property of the citizens	Walker	12030202	
03000042	03	Trinity	Education and Awareness	Acquire and distribute NOAA wather radios (for residents eligible for free smoke dector program)	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000043	03	Trinity	Develop and implement program to provide NOAA all hazard radios to citizens	This would be accomplished by offering an in kind match program or give away through schools, and public safety agencies.	Denton	12030103, 12030104, 12030105	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000039	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304	Proposed		Local Funds, HMGP, State and Federal Grants	No		Reduce risk to citizens through improved communications and early warning.
03000040	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102	Proposed		FEMA mitigation grants	No		Save lives. Residents will have a community safe room to escape from severe storms, and the safe room can have a dual-use for when not used as a safe room disaster shelter.
03000041		Proposed		PDM Program, HMGP	No		None listed
03000042		Proposed		Local Funds, State and Federal Grants	No		Reduce risk to citizens through improved communications and early warning.
03000043		Proposed		HMGP, partial payment by receiving party, local funds, donations, citizen cost-share	No		These will increase the ability of residents and businesses to receive early warning from the National Weather Service. An added benefit of this project would be to raise awareness of Weather Alert Radios and severe weather safety throughout the area, th

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000044	03	Trinity	None	Build a new building for the City of Mexia Police Department. This building would be hardened and could be used as a shelter for natural disasters and as a backup Emergency Operations Center	Limestone	12030108, 12030201	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102
03000045	03	Trinity	Annual review of city's ordinances and regulations for all-hazardsmitigation	Ordinances and regulations include but are not limited to building codes, flood damage prevention, freeboard, stormwater, fire, etc. Update efforts for enforcement and improve when necessary. Increase compliance with 24" freeboard requirement for 10 ye	Kaufman, Dallas	12030105, 12030106	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204
03000046	03	Trinity	Improve the City of Grand Prairie's capability to mitigate against flood events	Establish City Disaster Response Team	Ellis, Tarrant, Dallas	12030102	
03000047	03	Trinity	None	Use bioengineered bank stabilization techniques and revetments to protect against flooding along streams, creeks, rivers, and lakes.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000048	03	Trinity	None	Create low water crossing alerts, based on a gauge notification system.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000044	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102	Proposed		FEMA mitigation grants, general revenues	No		Increased public service, better management of space and storage, more effective department, and improved disaster response.
03000045	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204	Proposed		General funds	No		None listed
03000046		Proposed		City budget, FEMA	No		\$50,000
03000047		Proposed		City general fund, hazard mitigation grants	No		\$6,000,000
03000048	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000049	03	Trinity	Develop public education campaigns to disseminate information about actions to mitigate potential loss of life, injuries and property damage resulting from natural hazards.	Adopt and promote a comprehensive public education program that provides resources to mitigate the impacts of each identified hazard.	Collin	12030103, 12030105, 12030106	
03000050	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Denton	12030103, 12030104, 12030105	
03000051	03	Trinity	Structure and Infrastructure	Install backup generators at critical facilities in the event of outage	Houston	12030201, 12030202	
03000052	03	Trinity	Adopt and Promote the National Flood Insurance Program	Garrett would become a member of NFIP and develop a long-term plan for flood mitigation.	Ellis	12030102, 12030105, 12030108, 12030109	
03000053	03	Trinity	Education and Awareness	Expand the capabilities of the Outdoor Warning System to include automated voice announcements.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000049		Proposed		HMGP, General Funds, Local Funds, In-Kind	No		Public education is extremely effective for low cost. This program will include discussion about mitigation projects for all identified hazards and what mitigation actions can be taken.
03000050		Proposed		HMPG, Water Shed Authorities, Dam Sponsors, Local Sponsors, In-Kind	No		Protect existing and new properties from the effects of all natural hazards.
03000051		Proposed		Grants	No		Ensure continued utility services and operation of facilities.
03000052		Proposed		HMGP, PDM, General fund, In-kind	No		Would allow the city to develop more in-depth flood mitigation programs for homes already in the floodplain. Would allow the city to develop codes and ordinances for blocking construction in areas vulnerable to flooding.
03000053		Proposed		Local Funds, State and Federal Grants	No		Reduce risk to citizens through improved communications and early warning.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000054	03	Trinity	Local Plans and Regulations	Require standards for burial of electrical, telephone, cable lines and other utilities in new developments.	Jack	12030101	
03000055	03	Trinity	None	Perform semi-annual inspection of the levee to look for any maintenance problems or levee failure issues and report results to the United States Army Corps of Engineers.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000056	03	Trinity	USDA Dam Studies and Rehabilitation	Develop comprehensive plans by conducting studies on existing United States Department of Agriculture conservation dams in and around Denton County. Most dams are several decades old and in need of mitigation such as shoring up, reclaiming eroded soil, a	Denton	12030103, 12030104, 12030105	
03000057	03	Trinity	Promote the use of early warning systems.	Increase the ability of residents and businesses of Commerce to receive early warning from the National Weather Service. This would be accomplished by using grant funding to help purchase and distribute NOAA weather radios to vulnerable populations and b	Hunt	12030106, 12030107	120301060101, 120301060101, 120301060102, 120301070102
03000058	03	Trinity	Mitigate the Effects of Hazards to Citizens Through Public Education Program	This public education program would be based on the hazards that Oak Leaf identified. The program will educate residents on hazards and mitigation actions for each through various media outlets.	Ellis	12030102, 12030105, 12030108, 12030109	
03000059	03	Trinity	Natural System Protection	Implement program to routinely remove debris from drainage ways and roadside ditches to prevent back up of flood velocity and improve conveyance of stream during flood events.	Houston	12030201, 12030202	
03000060	03	Trinity	Local Plans and Regulations	Continue participation in the National Flood Insurance Program (NFIP) and investigate participation in the Community Rating System (CRS). Activities may include: improvement of flood mapping and elevation data, mitigation for repetitive loss properties,	Hardin	12030202	120302021205
03000061	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams within the county.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Denton	12030103, 12030104, 12030105	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000054		Proposed		Local Funds	No		Reduce damages to infrastructure; Ensure continuity of critical services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations.
03000055		Proposed		City operating budget, hazard mitigation grants	No		\$6,000
03000056		Proposed		Hazard Mitigation Grant funds; USDA; NFIP	No		Will benefit structures and lives downstream of USDA flood control dams.
03000057	120301060101, 120301060101, 120301060102, 120301070102	Proposed		General funds, federal grants, state grants	No		Advanced warning allows citizen to respond to natural hazards with more time to prevent loss of life and property damage.
03000058		Proposed		HMGP, PDM, local funds, donations, in-kind	No		Potential to save lives.
03000059		Proposed		Local Revenue	No		Reduce drainage and potential minor flooding issues along area creeks and streams.
03000060	120302021205	Proposed		HMGP, PDM, local operating budgets	No		Maintain and improve NFIP compliance and benefits; mitigate futureflooding; reduce cost of flood insurance.
03000061		Proposed		HMPG, Watershed Authorities, Dam Sponsors, local sponsors, In-kind	No		Protect existing and new properties from the effects of all natural hazards.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000062	03	Trinity	Provide training to campus and building administration.	Develop campus staff CERT teams.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03000063	03	Trinity	Develop and implement a comprehensive public education program	This public education program would be based on the hazards that the City of Waxahachie identified. The program will educate res	Ellis	12030102, 12030105, 12030108, 12030109	
03000064	03	Trinity	Develop public education campaigns to disseminate information about actions to mitigate potential loss of life, injuries and property damage resulting from natural hazards.	Develop and implement a comprehensive public education program, including hazard mitigation activities	Collin	12030103, 12030105, 12030106	
03000065	03	Trinity	Structure and Infrastructure, Local Plans and Regulations	Assess the long-term cost benefit of standard use of absorbent building material in place of concrete for sidewalks, parking lots etc.Implement the use of this material at new public facilities where feasible.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000066	03	Trinity	City of Kemp Warning Sirens	City of Kemp Warning Sirens	Kaufman	12030107	
03000067	03	Trinity	Structural Projects	Stream flow and rain gauges to monitor water levels on local streams and tributaries that have a history of flooding. This would allow for advance warning of flood levels resulting is saved lives and reduction in disaster management costs.(NFIP)	Cooke	12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000062	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		TDEM, Collin College Funds	No		\$8,000
03000063		Proposed		HMGP, PDM, local funds, donations, in-kind	No		To educate residents on flooding and other hazards and mitigation actions for each.
03000064		Proposed		General Fund, HMGP, Local Funds, In-kinds	No		This public education program would be based on the hazards that the City of Anna identified as being vulnerable to. The program would use a combination of distributed literature, social media, and civic presentations to educate residents on natural haz
03000065		Proposed		State and Federal Grants, General obligations bonding and city budget	No		Reduce impacts of flooding; Reduce damages to structures and infrastructure.
03000066		Proposed		Unknown	No		Unknown
03000067		Proposed		Grants	No		When working with planning team members from each jurisdiction all mitigation ideas t were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000068	03	Trinity	Structure and Infrastructure	Adopt and implement a program for clearing debris from bridges, drains and culverts	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000069	03	Trinity	Purchase and Install a CASA-WX Radar	Would be used in conjunction with early warning sirens and code red to alert citizens to take shelter.	Ellis	12030102, 12030105, 12030108, 12030109	
03000070	03	Trinity	None	Institute a public education campaign and associated signage for walking trails and city parks.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000071	03	Trinity	Expand Outdoor Warning Systems to New Populations	Adding one (1) additional out-door warning siren to the system in place to get warning coverage to newly developed parts of the city.	Ellis	12030102, 12030105, 12030108, 12030109	
03000072	03	Trinity	Education and Outreach	Create mobile city-wide communication system capability utilizing mesh-network technology. This would include equipping fire and police units with modular mesh network nodes that could be used in conjunction with others in the same area to provide increa	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000073	03	Trinity	Local Plans and Regulations	Adopt smart growth initiatives. Incorporate a formal hazard mitigation plan in long-term communitydevelopment planning activities.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000068		Proposed		Local Funds, State and Federal Grants	No		Reduce damages caused by flooding by maintaining or restoring drainage capacity.
03000069		Proposed		General fund, HMGP, PDM, donations, local funds, in-kind	No		To reduce loss of life and severe injuries.
03000070		Proposed		City budget, hazard mitigation grants, city funding for staff time	No		\$15,000
03000071		Proposed		HMGP, PDM, county budget, other federal/state grants, local funds, donations, in-kind	No		Early warnings have been shown to help save lives and property from severe weather events
03000072		Proposed		Local Funds, State and Federal Grants	No		This would be a new capability to address modern communications and disaster response needs.
03000073	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		local funds (staff time)	No		Reduce risk in high hazard areas by promoting and incentivizing development in low risk areas; Buildresiliency within the community; Reduce risk of damages through improved planning and construction practices.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000074	03	Trinity	Implement Radio Interoperability	Implement Emergency LockdownDuress Activation via Radi	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03000075	03	Trinity	Implement telephone-based early warningand information-distributionsystemfor city residents	An automated telephone-based warning system would notify residents about any imminent hazards that could threaten life and/or property. System could also be used for distribution of information about natural hazards	Wise	12030101, 12030102, 12030103, 12030104	
03000076	03	Trinity	None	Enhance existing publicintegrated outreach program,informing residents on hazard mitigation measures related to the identified hazards.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000077	03	Trinity	Education and Awareness	Conduct volunteer efforts for the Community Collaborative Rain, Hail and Snow Network (CoCoRaHs) through NOAA	Kaufman	12030105, 12030106, 12030107	
03000078	03	Trinity	Structure and Infrastructure	Elevate existing roadways and bridges prone to inundation from flooding. Projects can include general road elevation; installing, upsizing culverts and headwalls; and bridge upgrades.	Hardin	12030202	120302021205
03000079	03	Trinity	Structural Projects	Obtain an engineer evaluation of flooding issue on south side of Middle School. This flooding issues has caused damage to sheetrock and flooring in the building and needs immediate attention	Cooke	12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000074	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		Frisco ISD funds	No		\$240,000
03000075		Proposed		State and Federal Grants, City budget	No		The costs estimated for this project are insignificant in comparison to the opportunity to warn our citizens more effectively of impending dangers associated with weather and natural disasters.
03000076		Proposed		Town funds, hazard mitigation grants	No		\$9,000
03000077		Proposed		Local Revenue	No		Improve response time through collaboration and increase number of volunteers to collect data
03000078	120302021205	Proposed		PDM, HMGP, GLO, Highway Departments, other grants	No		Improve public safety; facilitate evacuation and emergency response; and reduce infrastructure damage.
03000079		Proposed		Budget	No		When working with planning team members from each jurisdiction all mitigation ideas were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000080	03	Trinity	Natural Systems Protection	Develop and implement a tree trimming program to reduce damaging effects during extreme weather events.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03000081	03	Trinity	None	Conduct a drainage study of Cedar Creek to identify flood areas and provide accurate data to assist the community with existing and future management of mitigation issues. Per NFIP participation, install new and larger culverts on Cedar Creek to decrease	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03000082	03	Trinity	Local Plans and Regulations	Continue participation in the National Flood Insurance Program (NFIP) and participate in the Community Rating System (CRS). Activities may include: improvement of flood mapping and elevation data, mitigation for repetitive loss properties, instituting hi	Hardin	12030202	120302021205
03000083	03	Trinity	Construction of Flood Mitigation Solutions for Dawson Dam	Mitigation activities to mitigate overflow along spillways and embankments at the Dawson Dam.	Walker	12030202	120302020801, 120302020802, 120302020805
03000084	03	Trinity	Adopt and enforce the most recent version of International Residential Building Code requirements for all new property developments to raise current code standards.	Building standards are important tools in mitigating hazard events. If buildings are built to comply with the latest building standards, property damage and injuries from hazards will be mitigated. These measures include hail-resistant roofing and windows	Wise	12030101, 12030102, 12030103, 12030104	
03000085	03	Trinity	Increase citizen awareness of preparing for identified hazards	Distribute preparedness literature at appropriate/identified community events for all hazards.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000080	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		Local Funding, Utility fee, HMGP	No		Allow for emergency vehicles ingress/egress, reduce potential damage from falling trees/limbs across roadway. Reduce power outages and fire from downed power lines. Reduce debris jams along creeks during flood events.
03000081	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		The identity of corrective measures would provide accurate planning tools to assist with mitigations of downtown flooding.
03000082	120302021205	Proposed		Local operating budget	No		Reduce risk to residents; reduce on-going repair costs due to flooding; reduce insurance premiums.
03000083	120302020801, 120302020802, 120302020805	Proposed		FEMA Hazard Mitigation Assistance Grants, City Funds, TWDB State Revolving Funds	No		Due to the high number of structures protected by the structure, the project is likely to prove cost-effective.
03000084		Proposed		General Fund, HMGP, PDM, Local funds, donations, in-kind	No		Upfront costs negligible compared to life safety and reduced property damage benefits
03000085	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney funds	No		\$32,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000086	03	Trinity	Conduct hazard mitigation workshops	Conduct at least one hazard mitigation workshop annually to assist families and business owners with mitigation.	Kaufman, Dallas	12030105, 12030106	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204
03000087	03	Trinity	Local Plans and Regulations	Require erosion / sedimentation controls for new construction; Include on-site sediment retention as a development requirement.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03000088	03	Trinity	Ordinances and retrofitting of current structures and new developments for hazards	Implement ordinances to ensure new housing developments meet current floodproofing, as well as ensure that critical facilities owned by jurisdiction are protected from flood. Consult FEMA publications, and ask an expert for additional suggestions if re	Henderson	12030105, 12030107, 12030201	
03000089	03	Trinity	None	Purchase and install eight outdoor warning sirens.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000090	03	Trinity	Structure and Infrastructure	Adopt and implement a program for clearing debris from bridges, drains and culverts.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000091	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Denton	12030103, 12030104, 12030105	
03000092	03	Trinity	None	Install repeater system for the City of Mexia Police Department and replacement of old radio units that will not convert with the new repeater system.	Limestone	12030108, 12030201	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000086	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204	Proposed		General funds	No		None listed
03000087	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood damages during flood events.
03000088		Proposed		City Budget/Grants	No		Medium
03000089		Proposed		City budget	No		\$2,160,000
03000090	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce damages caused by flooding by maintaining or restoring drainage capacity.
03000091		Proposed		HMPG, Watershed Authorities, Dam Sponsors, local sponsors, In-kind	No		To protect existing and new properties from the effects of dam failure and flooding.
03000092	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102	Proposed		FEMA mitigation grants, Dept. of Homeland Security (DHS) grants	No		Increased communications for the department.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000093	03	Trinity	None	There is presently one dam in the city limits of Tioga that is subject to possible failure. Dam is privately owned and spillway is too high. Spillway needs to be lowered to promote better drainage in areas the feed the dammed up lake. Failure of dam will	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000094	03	Trinity	Structure and Infrastructure, Local Plans and Regulations (for unmapped areas)	Conduct inundation extent study of Joe Pool Lake to determine the extent of flooding. This study will be done in coordination with the owners and operators of the dams.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000095	03	Trinity	Structure and Infrastructure	Storm harden/retrofit critical facilities throughout Sour Lake. Actions can include but are not limited to window shutters, roof straps, flood proofing, roll-up door reinforcement (i.e. for fire stations), backup generator power with permanent hook-ups,	Hardin	12030202	120302021205
03000096	03	Trinity	Structure and Infrastructure	Upgrade storm water capacity and drainage throughout the City of Silsbee. Actions include but are not limited to installing/upgrading culverts and headwalls, excavating new and/or enlarging storm water ditches and canals. These actions involve modifying	Hardin	12030202	120302021205

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000093	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000094		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP), Pre-Disaster Mitigation Grant (PDM)	No		A data deficiency was identified for Joe Pool. Such a study can include procedures for tracking high water marks, developing a thorough watershed analysis of the dams and reservoirs and developing and maintaining a database to track community exposure to
03000095	120302021205	Proposed		HMGP, PDM, local operating budgets	No		Protect critical facilities from damages and ensure continuity of emergency services.
03000096	120302021205	Proposed		PDM, HMGP, operating budgets, local funding	No		Improved floodwater outflow capacity from city centers and industrial complexes is needed to reduce/prevent impacts of flash flooding.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000097	03	Trinity	Structure and Infrastructure	Equip sewer manholes with watertight covers and inflow guards.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03000098	03	Trinity	Local Plans and Regulations	Incorporate higher standards for hazard resistance in local application of the building code.	Montague	12030101, 12030103, 12030104	
03000099	03	Trinity	Structure and Infrastructure, Local Plans and Regulations (for unmapped areas)	Undertake a comprehensive study of flood risk and reduction alternatives, with the assistance of the U.S. Army Corps of Engineers. Implement feasible alternatives for flood reduction.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03000100	03	Trinity	City of Rowlett Individual Safe Room Rebate Program	City of Rowlett Individual Safe Room Rebate Program	Dallas	12030106	
03000101	03	Trinity	None	Expand weather radio program to all new and existing city-owned facilities, Mansfield Independent School District facilities, and residences of key city employees.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000102	03	Trinity	Education and Awareness	Obtain re-certification in the National Weather Service StormReady Program.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000103	03	Trinity	Local Plans and Regulations	Develop mutual aid agreements with communities to aid evacuation by cutting fences, removal, shelter, feeding of livestock during disaster events	Kaufman	12030105, 12030106, 12030107	
03000104	03	Trinity	Purchase of Mobile Command Center	While not a qualifying mitigation action, this activity would provide incident commanders with a location for handling the response and recovery of large scale incidents within the City.	Walker	12030202	120302020801, 120302020802, 120302020805

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000097	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood water contamination; Reduce risk of surface water infiltration and sewage backup; Ensure continuity of critical services.
03000098		Proposed		Local Funds	No		Reduce risk of damages to structures through improved construction techniques; Reduce recovery efforts for the community after an event.
03000099	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds, State and Federal Grants	No		Improve risk assessment; Reduce risk of damages or injuries through drainage improvements; Reduce risk of damages and injuries.
03000100		Proposed		Unknown	No		Unknown
03000101		Proposed		City budget, hazard mitigation grants	No		\$3,000
03000102		Proposed		Local Funds (staff time), State and Federal Grants	No		Reduce risk to citizens by educating the public on how to prepare for hazards and disasters.
03000103		Proposed		Agriculture grants, Local Revenue	No		Reduce loss of livestock in disaster events
03000104	120302020801, 120302020802, 120302020805	Proposed		FEMA Operations Grants, City Funds	No		Not independently cost-effective.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000105	03	Trinity	Property Protection Actions	Buyout of approximately 30 repetitive flood loss properties in the Wilson Court area. (NFIP)	Cooke	12030103, 12030104	
03000106	03	Trinity	None	Removal of debris from creeks and streams.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000107	03	Trinity	Local Plans and Regulations	Development of Storm Water Master Plan for Watersheds #3 and #5 including computer model of current system performance, identification of system deficiencies, and recommended improvements.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000105		Proposed		RFL Grant	No		When working with planning team members from each jurisdiction all mitigation ideas t were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03000106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000107		Proposed		Local Funds, HMGP, State and Federal Funding	No		Improve risk assessment; Inform effective drainage project decisions to reduce damages to structures and infrastructure.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000108	03	Trinity	None	Determine location of critical facilities and infrastructure throughout the county and cities by conducting a GIS mapping project	San Jacinto	12030202, 12030203	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103
03000109	03	Trinity	Standby Generators for Critical Infrastructure Facilities	Standby generators either diesel or natural gas designed to auto start and transfer facility load to prevent loss of operation	Denton	12030103, 12030104, 12030105	
03000110	03	Trinity	Structure and Infrastructure	Enhancement of Outdoor Warning Siren System to include communications, security, to provide alert, warning and notification to residents and visitors during all hazards emergencies/disasters.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000111	03	Trinity	Structure and Infrastructure	Install automatic flood warning gates to prevent access into flooded areas.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000108	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103	Proposed		5 percent initiative, FMA, FPP	No		Social, technical, administrative benefits
03000109		Proposed		Mitigation Grants; Budget	No		Power for critical infrastructure resources at existing facilities; the facilities include the Road and Bridge West and East Divisions where crews and equipment provide a bulk of the mitigation before a disaster occurs.
03000110		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP), Capital Improvement Plan	No		Prevents loss of life
03000111	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		HGMP, Local and State Funding	No		Reduce risk to life safety of motorist.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000112	03	Trinity	Shelving of Hackberry Gully and Cotton Bayou	Shelving the entire length of Hackberry Gully and Cotton Bayou from South of I-10 to Cotton Lake; thereby increasing the capacity of both in regards to the amount of water that they will hold during a flood event.	Chambers	12030203, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306
03000113	03	Trinity	Local Plans and Regulations	Conduct studies to develop dam inundation maps and models for all damsthat affect the City of Carrollton.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000114	03	Trinity	Creation and Implementation of Turn Around, Don't Drown	Incorporate Turn Around, Don't Drown into Safe Sidewalks public outreach program	Walker	12030202	120302020801, 120302020802, 120302020805
03000115	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Denton	12030103, 12030104, 12030105	
03000116	03	Trinity	None	Provide alternative power solutions to critical infrastructure to ensure the ability to respond and availability of communications during emergency response.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000117	03	Trinity	Assess and develop plans to improve critical infrastructure.	Assess water and sewer mains for condition and materials.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03000118	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams within the county.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Ellis	12030102, 12030105, 12030108, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000112	120302030202, 120302030203, 120302030204, 120302030304, 120302030306	Proposed		CDBG-DR Harvey Match or Chambers County General Fund	No		This area has been prone to flooding in the many recent heavy rain events. Water filling the streets and coming close to or entering homes.
03000113		Proposed		Local Funds, State and Federal Grants	No		Improve risk assessment; reduce risk of damages or injuries through improved building standards; reduce risk of damages and injuries.
03000114	120302020801, 120302020802, 120302020805	Proposed		Existing staff/ in-kind services	No		This project has little cost. Benefit/cost considerations are not necessary.
03000115		Proposed		HMGP, Watershed authorities, dam sponsors, local sponsors, in-kind	No		To reduce vulnerability to flooding.
03000116		Proposed		City budget, grant funds	No		\$450,000
03000117	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney funds	No		\$200,000
03000118		Proposed		HMGP, Watershed Authorities, dam sponsors, local sponsors, in-kind	No		Protect existing and new properties from the effects of all natural hazards.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000119	03	Trinity	Automated Flood Warning System	This action proposes a local flood warning system to reduce the potential impacts of future flood events.	Leon	12030201, 12030202	
03000120	03	Trinity	None	Create a mobile animal shelter and disaster relief trailer.	Parker	12030101, 12030102	
03000121	03	Trinity	Develop and Implement NOAA all-hazard radio program and provide rebates to citizens/businesses that purchase a SAME technology weather radio.	The majority of funds will be used to rebate the purchase of a specific area message encoding (SAME) weather radio for each household and business inside the Town of Argyle.	Denton	12030103, 12030104, 12030105	
03000122	03	Trinity	Local Plans and Regulations	Require erosion / sedimentation controls for new construction; Include on-site sediment retention as a development requirement.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03000123	03	Trinity	Structure and Infrastructure	Adopt and implement a routine tree trimming program that clears tree limbs near power lines and/or hanging in right-of-way; Remove dead trees from right-of-way and drainage systems on a scheduled basis.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000124	03	Trinity	None	Study the hazards associated with the buildings located in the historic downtown district.	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000119		Proposed		County, FEMA PDM, FEMA HMGP, FEMA FMA, TWDB, TCEQ	No		None listed
03000120		Proposed		City General funds, mitigation grants	No		\$1,590,000
03000121		Proposed		Mitigation programs; Budget	No		Loss of life and property damage can be prevented through this program.
03000122	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Reduce risk of flood damages due to erosion or scour during flood events.
03000123		Proposed		Local Funds, State and Federal Grants	No		Reduce damages to infrastructure; Ensure continuity of services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations.
03000124	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants, General Fund	No		A study of these building would determine which hazards exist within each one giving building officials and building owners an opportunity to know where and how to make needed repairs to better protect not only merchants and employees but also customers i

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000125	03	Trinity	Education and Awareness- Preparedness	Implement education and awareness program utilizing classrooms, social media, bulletins, flyers, etc. to educate students, parents, and area residents of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and prope	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03000126	03	Trinity	Structure and Infrastructure	Adopt and implement a program for clearing debris from bridges, drains and culverts.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03000127	03	Trinity	Strucuture and Infrastructure	Provide emergency generators and automatic transfer switches for Tri-City Animal Shelter to provide emergency power to allow staff and animals to shelter-in-place during all hazards emergencies and disasters.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000128	03	Trinity	Structure and Infrastructure; Natural Systems Protection (vacant land)	Develop a land acquisition program in flood hazard areas. Acquire and demolish repetitive loss properties. Acquire high risk vacant land and maintain as open space.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000125	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Promote hazard awareness and protect students, parents and citizens from potential injuries and damages.
03000126	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds, State and Federal Grants	No		Reduce damages caused by flooding by maintaining or restoring drainage capacity.
03000127		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP), Friends of the Animal Shelter donations	No		Reduce loss of life; Provide power for critical facilities during power outages and ensure continuity of critical services.
03000128	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Eliminate risk of flood damages to high risk structures and prevent future losses in high risk flood hazard areas; Reduce downstream impacts associated with development in the floodplain; Reduce risk of injuries to citizens; Reduce burden on emergency se

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000129	03	Trinity	Create a Buyout Program for Repetitive Loss Properties	This action will develop and implement a program to buyout repetitive loss properties and convert to open space, parks, boating access, trails, and/or as a general community asset.	Trinity	12030202	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103
03000130	03	Trinity	Adopt and promote public education program for natural hazard mitigation.	Develop the public education on hazards. The utilization of social media will be key in this program.	Denton	12030103, 12030104, 12030105	
03000131	03	Trinity	Local Plans and Regulations	Require standard tie-downs of propane tanks.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000129	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103	Proposed		County, FEMA PDM, FEMA HMGP, FEMA FMA	No		Existing infrastructure
03000130		Proposed		General fund/other state/federal grants; local funds, In-kind	No		Develop the public education on hazards they face in this area may help to relieve the burden on public infrastructure during disasters. It also sets a realistic understanding of what mitigation actions can be taken. Also the utilization of social media
03000131	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Reduce damages to structures and infrastructure; Reduce risk of hazardous material release and potential fires; Reduce risk of injuries or fatalities; Reduce risk of flood water contamination.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000132	03	Trinity	None	Hire consultant to complete new inundation studies of all high and moderate hazard dams within the county.	Navarro	12030105, 12030107, 12030108, 12030109, 12030201	
03000133	03	Trinity	Local Plans and Regulations	Update Flood Prevention ordinance, adopting a “no-rise” in Base Flood Elevation in the 100-year floodplain.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03000134	03	Trinity	Purchase Back Up Power Generators	Installing generators at critical facilities will help ensure physical safety for facility occupants and maintain electronic systems functionality during power outages. Portable generators will maintain additional systems functionality including but not	Trinity	12030202	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103
03000135	03	Trinity	Local Plans and Regulations	Restrict development of areas within the floodplain	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000132		Proposed		HMPG, Water Shed Authorities, Dam Sponsors, Local Sponsors, In-Kind	No		Low
03000133	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		Local Funding-budgetary	No		Reduce risks of those near floodplains in City and downstream
03000134	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103	Proposed		County, FEMA PDM, FEMA FMA, FEMA HMGP	No		Existing infrastructure
03000135		Proposed		Local Funds (staff time)	No		Reduce flood damages and risk of injuries or fatalities through regulated development; Reduce the risk of downstream flooding.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000136	03	Trinity	Local Plans and Regulations	Adopt regulations to limit amount of impervious cover in conjunction with new development.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03000137	03	Trinity	Adopt and promote regional public education campaign focused on mitigation techniques for each identified hazard.	To develop mitigation public education on hazards and ways to reduce impacts.	Denton	12030103, 12030104, 12030105	
03000138	03	Trinity	Hardening Infrastructure	Harden Bridge, dam and spillway in Winter Valley Subdivision under TCEQ permit NO. 366.	Liberty	12030202, 12030203, 12040202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000136	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Reduce flood damages and risk of injuries or fatalities through regulated development; Reduce the amount of stormwater runoff in densely developed areas during flood events; Reduce the risk of downstream flooding.
03000137		Proposed		State/federal grants; local funds, citizen cost-share, donations	No		To help save lives, property, and relieve the burden on public infrastructure during flooding and other types of disasters.
03000138		Proposed		NRCS, USACE-Clearing and Snagging Projects, USACE-Emergency Rehabilitation of Flood Control Works for Federally Authorized Coastal Protection Works, USACE-Small Flood Control Projects, HMGP, 406 Public Assistance	No		More than a 1:4 cost-benefit ratio

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000139	03	Trinity	Education and Awareness	Obtain certification in the National Weather Service StormReady Program.	Van Zandt	12030107	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304
03000140	03	Trinity	None	Drainage Capital Improvement Project Plan:Design and construct projects to protect structures and roadways from flooding. Projects include Hogpen Branch flood study update, Day Miar Road channel, Callendar Road and Debbie Lane regional detention ponds, N	Tarrant	12030101, 12030102, 12030103, 12030104	
03000141	03	Trinity	None	Continuation of drainage plans and projects.	Polk	12030202	
03000142	03	Trinity	Local Plans and Regulations	Prohibit animal shelters in known hazard areas.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03000143	03	Trinity	Education and Awareness	Implement education and awareness program utilizing classrooms, social media, bulletins, flyers, etc. to educate students, parents and area residents of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and proper	Montague	12030101, 12030103, 12030104	
03000144	03	Trinity	Adopt and Implement International Building Code for New Buildings	The International Building Code provides the framework for constructing structures that will most effectively withstand natural hazards. These measures include hail-resistant roofing and windows; wind and impact resistant doors, windows, and roofing ; wi	Denton	12030103, 12030104, 12030105	
03000145	03	Trinity	Structure and Infrastructure	Upgrade undersized stormwater drains and culverts	Montague	12030101, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000139	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304	Proposed		Local Funds (staff time), State and Federal Grants	No		Reduce risk to citizens by educating the public on how to prepare for hazards and disasters.
03000140		Proposed		Impact fees, hazard mitigation grants	No		\$26,700,000
03000141		Proposed		HMGP, PDM, FMA	No		None listed
03000142	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Reduce risk to structures and animals by requiring development outside of hazardous areas; reduce burden on emergency response during hazardous events.
03000143		Proposed		Local Funds (staff time)	No		Reduce risk to students and faculty through improved communications and early warning.
03000144		Proposed		General funds; Local funds	No		Mitigation againsts structure-impacting hazards
03000145		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood damages through improved drainage capacity; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood event.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000146	03	Trinity	Education and Awareness –Response and Recovery	Upgrade / install cameras throughout the City to provide damage assessment and situational awareness capability during disaster events.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000147	03	Trinity	Public Education on Hazards	Provide materials and data sources to educate/train citizens of all potential hazards in the planning area and methods to mitigate hazards and increase awareness.	Henderson	12030105, 12030107, 12030201	
03000148	03	Trinity	Natural System Protection	Conduct annual program to clear debris from bridges, box culverts, and drainage systems throughout unincorporated county.	Houston	12030201, 12030202	
03000149	03	Trinity	None	Establish an educational program to teach citizens how to mitigate flood damage to their property.	Polk	12030202	
03000150	03	Trinity	Develop and execute new programs which identify and reduce threats from natural hazards.	Distribute all-hazards NOAA Weather Radios to vulnerable populations.	Collin	12030103, 12030105, 12030106	
03000151	03	Trinity	None	Promote conservation of open space to alleviate pressure on stormwater runoff and to promote water absorption through the soil.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000152	03	Trinity	Structure and Infrastructure	Retrofit new or existing county critical facilities (Courthouse Annex, EOC, government buildings, and others) as needed, including but not limited to installation of the following features for severe storm protection: storm shutters or tinted shatter-res	Hardin	12030202	120302021205
03000153	03	Trinity	None	Purchase barriers to close roads during flooding.	Hood	12030102	120301020301, 120301020301

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000146		Proposed		Local Funds, State and Federal Grants	No		The city currently has only limited visibility with cameras. This would significantly upgrade the city's damage assessment and situational awareness capabilities.
03000147		Proposed		City Budget/Grants	No		Medium
03000148		Proposed		Grants	No		Reduced flooding through removal of obstructions to drainage areas.
03000149		Proposed		HMGP, FMA	No		None listed
03000150		Proposed		HMGP	No		Cost of lives lost and injuries sustained is very high compared to cost of proactive mitigation. This project would lead to greater capabilities for vulnerable populations to take mitigation actions prior to and in the event of all hazards
03000151		Proposed		City general fund, hazard mitigation grants	No		\$600
03000152	120302021205	Proposed		HMGP, PDM, GLO, Texas Safe Shelter Initiative, TWDB, other grants sources available	No		Continuity of county government during and after a storm event; damage prevention.
03000153	120301020301, 120301020301	Proposed		Mitigation Grant, General Fund	No		\$90,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000154	03	Trinity	None	Construct drainage ditched along city streets Camp Road, Pickens Loop, Franklin Road, Austin Street, and Hunt Street	Polk	12030202	
03000155	03	Trinity	None	Implement an aggressive public education campaign targeted toward improving participation in the National Flood Insurance Program.	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03000156	03	Trinity	Structure and Infrastructure, Natural Systems Protection	Improve and increase the capacity of storm water system by expending the Ten Mile Creek downstream channel to prevent flooding in flood prone areas to include structural stormwater management projects	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000157	03	Trinity	Education and Awareness	Purchase and install new sirens to cover expanding population and cover the entire jurisdiction. The sirens will be narrow banded updated sirens that will help improve communication as well as meet the regulations.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000158	03	Trinity	Structure and Infrastructure	Implement stream restoration / channelization program to ensure adequate drainage / diversion of stormwate	Montague	12030101, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000154		Proposed		HMGP, PDM, budget	No		None listed
03000155	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		PDM Grant Program, EMPG Grant Program, Local Funds	No		Currently, the only advertisements for the NFIP are television and radio spots provided through the national FloodSmart program. Further supporting their initiatives through local public education activities would increase resident awareness of the NFIP.
03000156		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP), Capital Improvement Program	No		Reduce losses of life and property.
03000157		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of injuries through early warning
03000158		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood damages through improved drainage capacity / stormwater diversion; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood event.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000159	03	Trinity	Local Plans and Regulations; Structure and Infrastructure	Adopt an ordinance that will limit aerial extensions to water, sewer, gas and electrical lines.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03000160	03	Trinity	Structure and Infrastructure	Purchase required generator connections in order to connect District EOC to building emergency generator	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03000161	03	Trinity	None	Establish subdivision regulations that require flood-resistant construction methods be used in flood-prone areas.	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000159	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Reduce damages to infrastructure; Ensure continuity of critical services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations; Reduce risk of sewer infiltration and flood wat
03000160	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		HMGP, district funds	No		Ensure continuation of essential district services to Rockwall ISD facilities and schools in case of a power outage as a result of a disaster.
03000161	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		Local funds	No		This would minimize the possible effects of flooding in flood-prone areas through effective structural and regulatory measures.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000162	03	Trinity	Countywide Drainage Study	Kaufman County is requesting financial assistance to create their first ever countywide drainage study.	Kaufman	12010001, 12030105, 12030106, 12030107	
03000163	03	Trinity	Local Plans and Regulations	Prohibit animal shelters in known hazard areas.	Montague	12030101, 12030103, 12030104	
03000164	03	Trinity	Hardin County Property Acquisition Project Batch #2: 27 Properties	Hardin County Property Acquisition Project Batch #2: 27 Properties	Hardin	12020007, 12030202	
03000165	03	Trinity	Purchase of a CASA (WX) Weather Radar system	The Collaborative Adaptive Sensing of the Atmosphere (CASA WX) project is a multi-sector partnership dedicated to engineering revolutionary weather-sensing networks.	Denton	12030103, 12030104, 12030105	
03000166	03	Trinity	Adopt and promote public education program with resources to mitigate the impacts of each identified hazard.	The program will promote mitigation projects around the home and how residents can prepare for the known hazards in Flower Mound.	Denton	12030103, 12030104, 12030105	
03000167	03	Trinity	Local Plans and Regulations; Structure and Infrastructure	Require standards for burial of electrical, telephone, cable lines and other utilities in new developments.	Montague	12030101, 12030103, 12030104	
03000168	03	Trinity	Harden City Hall Against Severe Weather-related Natural Hazards	Currently, City Hall is vulnerable to natural hazards. Windows and doors would be reinforced, insulation would be updated, and a lightning rod would be installed to mitigate against extreme weather.	Ellis	12030102, 12030105, 12030108, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000162		Proposed		Unknown	No		Unknown
03000163		Proposed		Local Funds	No		Reduce risk to structures and animals by requiring development outside of hazardous areas; Reduce burden on emergency response during hazardous events.
03000164		Proposed		Unknown	No		Unknown
03000165		Proposed		Local funding, federal funding, HMGP, local grants	No		The main purpose of the CASA WX project is to save lives and minimize injuries due to severe weather.
03000166		Proposed		HMGP, PDM, other state/federal grants, Local funding, donations	No		Mitigate the impacts of flooding and other hazards.
03000167		Proposed		Local Funds	No		Reduce damages to infrastructure; Ensure continuity of critical services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations.
03000168		Proposed		PDM, HMGP, other federal/state grants, local funds, donations, in-kind	No		Hardening City Hall will protect lives and property.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000169	03	Trinity	None	Develop a power supply contingency plan.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000170	03	Trinity	Education and Awareness	Implement education and awareness program utilizing media, social media, bulletins, flyers, etc. to educate citizens of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damages.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000171	03	Trinity	Improve the City of Grand Prairie's capability to mitigate against flood events	Install low water flashers with static flood warning signs in flood -prone areas	Ellis, Tarrant, Dallas	12030102	
03000172	03	Trinity	Public Information & Education	Education of the public on the importance of Flood Insurance. Most homeowners are unaware that their homeowner policy does not provide coverage for this event. Work with local insurance agents to notify homeowners. (NFIP)	Cooke	12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000169		Proposed		Town budget, hazard mitigation grants	No		\$30,000
03000170		Proposed		Local Funds (staff time), State and Federal Grants	No		Promote hazard awareness and protect citizens from potential injuries and damages.
03000171		Proposed		City budget FEMA Hazard Mitigation Grant Program, TWDB FPP	No		N/A
03000172		Proposed		Budget and Insurance Agents	No		When working with planning team members from each jurisdiction all mitigation ideas t were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000173	03	Trinity	None	Educate and encourage residents to refrain from raking leaves into ditches	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000174	03	Trinity	Local Plans and Regulations, Natural Systems Protection	Improve stormwater management, operations, and maintenance for stream flooding that erodes away bridge supports. Design bridges expansion joints for longer periods of high heat and develop a more robust inspection and maintenance process.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000175	03	Trinity	Buyout Properties in the Timber Creek Subdivision	Existing buildings in the buyout zones would be purchased and demolished	Denton	12030103, 12030104, 12030105	
03000176	03	Trinity	Correct and Prevent degradation of Emerald Lake Dam	Emerald Lake Dam was constructed through poor engineering practices and now is no longer compliant with TCEQ regulations. While not currently at risk of failure, improvements should be made soon to curtail damage. These improvements include improving pri	Kaufman, Rockwall, Collin, Denton, Dallas	12030102, 12030103, 12030105, 12030106	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000173	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000174		Proposed		Hazard Mitigation Grants, general obligations bonding, city budget, and/or property owners	No		Reduce damages caused by flooding by maintaining or restoring drainage capacity.
03000175		Proposed		HMA, Local Funds, Public/Private Partnerships, donations, in-kind match	No		Buying out properties will save lives, time and money and cannot not be an option to ignore. Compared to building massive levees and other flood control structures this is the cheapest option.
03000176		Proposed		HMGP, other state/federal grants	No		Maintenance costs related to preserving them dam at its current condition exceed costs associated with retrofitting the dam

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000177	03	Trinity	Distribute information to downstream property owners educating homeowners about the National Flood Insurance Program.	The City of Chico participates in the NFIP and would work to encourage downstream property owners to do so by explaining the benefits of the program.	Wise	12030101, 12030102, 12030103, 12030104	
03000178	03	Trinity	Educate the public via newsletter articles on risks, threats, and vulnerability from all natural hazards and include actions that can be taken to mitigate impacts	Educating our citizens on hazards and providing mitigation actions that can be taken forms a basis to reduce the impacts of hazards affecting Runaway Bay	Wise	12030101, 12030102, 12030103, 12030104	
03000179	03	Trinity	All hazards public education for each identified hazard.	Raising awareness and educating the public about mitigation of hazards.	Denton	12030103, 12030104, 12030105	
03000180	03	Trinity	Structure and Infrastructure Project	Install outdoor siren notification system at strategic locations in city	Kaufman	12030105, 12030106, 12030107	
03000181	03	Trinity	Local Plans and Regulations	Require standards for burial of electrical, telephone, cable lines and other utilities in new developments.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000182	03	Trinity	Natural System Protection	Add thick vegetation on public lands along river banks.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000177		Proposed		City budget, grant funds, donations, General fund	No		Cost is low compared to benefits from NFIP participation.
03000178		Proposed		City Budget	No		Cost of this project is low compared to the potential benefits.
03000179		Proposed		Grants and traditional funding sources, UASI, EMPG	No		Raising awareness and educating the public about mitigating of hazards will be an effective way to get the public and private sectors to act before an emergency. This will alleviate resources of the city during and after a disaster.
03000180		Proposed		HMGP	No		Increase response time for residents to evacuate or shelter in place during disasters
03000181	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time)	No		Reduce damages to infrastructure; Ensure continuity of critical services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations.
03000182	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of erosion or scour due to flooding; Reduce damages to infrastructure including roadways, sidewalks, bridges, and culverts; Reduce demands on emergency response during high water events.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000183	03	Trinity	None	Turn Around Don't Drown Campaign to be aired through the media	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000184	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Ellis	12030102, 12030105, 12030108, 12030109	
03000185	03	Trinity	Local Plans and Regulations	Adopt and enforce updated building codes for all new construction and reconstruction to include requirements for hardening new construction.	Houston	12030201, 12030202	
03000186	03	Trinity	Early Warning and Public Notification	Incorporate the use of the City's automated emergency calling system, Rave Alert, into local emergency management procedures.	Henderson	12030105, 12030107, 12030201	
03000187	03	Trinity	None	Raise elevation of roads in and near floodplain that have a history of water obstruction.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000188	03	Trinity	Local Plans and Regulations	Develop and implement a county-wide predisaster debris removal and monitoring contracts.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000183	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To educate people on the dangers of driving through flood waters.
03000184		Proposed		HMGP, Watershed Authorities, dam sponsors, local sponsors, in-kind	No		Protect existing and new properties from the effects of all natural hazards.
03000185		Proposed		General fund revenue, grant	No		Protect public buildings, strengthen new residential and commercial construction, and reduce risk to public health, safety, and welfare.
03000186		Proposed		None listed	No		High
03000187	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Mitigate flooding.
03000188	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		Local Funding	No		Reduce impacts and lost revenue post disaster with the expedient removal of debris from public property and right of ways.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000189	03	Trinity	Structure and Infrastructure	Implement stream restoration / channelization program to ensure adequate drainage / diversion of stormwater.	Van Zandt	12030107	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304
03000190	03	Trinity	Local Plans and Regulations	Upgrade storm water capacity throughout the county and local jurisdictions. Actions include but are not limited to installing/upgrading culverts and headwalls, and enlarging storm water ditches and canals.	Hardin	12030202	120302021205
03000191	03	Trinity	Structure and Infrastructure	Construct/install safe shelters in town buildings capable of providing protection from severe tornados, and/or extreme straight line winds in accordance with FEMA Publication 320 and/or National Performance Criteria for Tornado Shelters specifications.	Hardin	12030202	120302021205
03000192	03	Trinity	None	Public education on the availability and need for flood insurance printed on water bills. (NFIP)	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000193	03	Trinity	None	Upgrade and supplement the existing warning system to provide an early warning system for hazard events.	Limestone	12030108, 12030201	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102
03000194	03	Trinity	College Street Drainage Improvements	Update to floodplain mapping for use in planning and risk reduction	Ellis	12030109	120301090302
03000195	03	Trinity	Purchase of Mobile Hospital	While not a qualifying mitigation action, the activity will assist with purchasing equipment that will prepare for caring for patients during mass casualties resulting from natural hazards. It would also provide medical care in the event that a natural h	Walker	12030202	120302020801, 120302020802, 120302020805

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000189	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood damages through improved drainage capacity / stormwater diversion; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood event.
03000190	120302021205	Proposed		PDM, HMGP, TWDB, GLO, other grants	No		Improved water outflow capacity to prevent/reduce impacts of flash flooding, rising water, etc. Reduction of damage to new and existing buildings.
03000191	120302021205	Proposed		PDM, HMGP	No		Provide improved public safety.
03000192	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Public awareness
03000193	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102	Proposed		FEMA mitigation grants, DHS grants, general revenues	No		Multiple warning sirens would benefit all areas of town with adequate warnings
03000194	120301090302	Ongoing		City budget, grants	No		Reduce damages caused by flooding by maintaining or restoring drainage capacity.
03000195	120302020801, 120302020802, 120302020805	Proposed		FEMA Fire and Operations Grants	No		Not independently cost-effective.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000196	03	Trinity	Structure and Infrastructure	Harden / retrofit critical facilities to hazard-resistant levels.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03000197	03	Trinity	None	Develop and implement an ordinance requiring all new subdivisions to install outdoor warning sirens to cover new populations.	Wise	12030101, 12030104	120301040203, 120301040206, 120301010511, 120301010601, 120301010604
03000198	03	Trinity	None	Document local areas that flood and that are not identified as floodplain.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000199	03	Trinity	Rehabilitate or retrofit identified high hazard critical infrastructure.	Implement results of a hazard and vulnerability assessment and inundation study on NRCS flood retention structures and rehabilitate structures found to be a high hazard.	Collin	12030103, 12030105, 12030106	
03000200	03	Trinity	Structure and Infrastructure	Implement stream restoration / channelization program to ensure adequate drainage / diversion of stormwater.	Jack	12030101	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000196	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce damages at critical facilities; Ensure continuity of critical services during and after event; Reduce risk of injury to emergency and critical personnel.
03000197	120301040203, 120301040206, 120301010511, 120301010601, 120301010604	Proposed		Local funds	No		None listed
03000198	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To use for future floodplain updates. (NFIP)
03000199		Proposed		NRCS Grant Fund, HMGP	No		The cost of this project is low compared to the potential benefits of reduction or elimination in personal injuries or deaths that would result from a dam failure. This project involves the rehabilitation or new construction of each dam deemed to be a ha
03000200		Proposed		Local Funds, State and Federal Grants	No		Reduce risk offlood damages through improved drainage capacity / stormwater diversion; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood event.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000201	03	Trinity	Revise and update watershed master plans	In that time that the City of Dallas has been developing watershed plans, there has been substantial development in many of the study areas. There has also been a significant advancement in topography and engineering methods. The watershed master plans w	Kaufman, Rockwall, Collin, Denton, Dallas	12030102, 12030103, 12030105, 12030106	
03000202	03	Trinity	Local Plans and Regulations	Increase freeboard requirements for permitting structures in the SFHA; Adopt a “no-rise” in BFE in the 100-year floodplain; Update local flood ordinance to prohibit granting of variance in SFHA; Include “cumulative damage” provisions in local flo	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000203	03	Trinity	Retrofit existing buildings to meet the requirements of the International Building Code	The International Building Code provides the framework for constructing and retrofitting structures that will most effectively withstand natural hazards. As the IBC is periodically updated, the town will update and enforce the code to require all structu	Denton	12030103, 12030104, 12030105	
03000204	03	Trinity	Education and Awareness	Promote the use of NOAA All-Hazard Weather Radios by Citizens. Purchase and provide radios at a reduced cost to citizens.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000205	03	Trinity	Education and Awareness	Provide how-to information to residents for installing backflow valves to prevent reverse-flow floods.	Montague	12030101, 12030103, 12030104	
03000206	03	Trinity	Local Plans and Regulations, Structure and Infrastructure	Plan for and establish City-owned stand-by contracts for targeted flood remediation of private homes if authorized by City Administration. Actions to include mitigation measures such as elevation, acquisition / demolition, and relocation, among other fea	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000201		Proposed		FEMA HMGP, City Funds	No		Implementation of mitigation projects based on current engineering allow the project to be designed for existing watershed conditions and not be under or over designed.
03000202	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time)	No		Reduce flood damages through development restrictions and improved construction requirements in flood-prone areas.
03000203		Proposed		General funds, local funds	No		To reduce vulnerability to flooding.
03000204		Proposed		local funds, State and Federal Grants	No		Reduce risk to citizens through improved communications and early warning.
03000205		Proposed		Local Funds	No		Reduce damage impact on residents after a flood event; Reduce risk of sewage back-up in structures; Reduce risk of injury or illness to residents.
03000206		Proposed		Local Funds, State and Federal Grants	No		The citycurrently doesnot do this, but it is an idea that was discussed after the 2019spring's severe flash flooding. It would at least give City leaders the option to assist in targeted areas should the need be deemed great enough during an event. Thi

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000207	03	Trinity	None	Enforce latest edition of buildings codes.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000208	03	Trinity	None	Deepen and widen drainage ditches to eliminate flooding hazards.	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03000209	03	Trinity	None	Clearing and rechannelization existing creeks that flow from west to east. Areas impacted include subdivision privately owned properties along a line from Highway 160 to Highway 11	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000207		Proposed		Town funds, hazard mitigation grants	No		\$9,000
03000208	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		PDM Grant, HMGP Grant, EMPG Grant	No		This would minimize the possible effects of flooding in a low-lying area by ensuring the rapid water runoff can occur safely without damaging new or existing structures.
03000209	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000210	03	Trinity	Structural Projects	Reshape waterways to allow quicker flow in areas that have regular flooding. This includes clearing of debris, construction of Gabion retaining walls, and widening and/or deepening of the waterway. (NFIP)	Cooke	12030103, 12030104	
03000211	03	Trinity	Low Power Broadcast Radio	3 remote power FM broadcast radio sites with one control site for public information and warning. Could also disseminate information before, during, and after an event	Chambers	12030203, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306
03000212	03	Trinity	None	Conduct a hydrologic study to determine threat, risk, and potential impacts of flooding from levee failure along the West Fork of the Trinity River.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000213	03	Trinity	None	Develop a plan to reduce stream bank erosion impacts due to flooding along Big Bear Creek, Headwaters Walker Branch, Little Bear Creek, and Hurricane Creek to improve drainage within the City of Euless.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000214	03	Trinity	None	Increase both size and quantity of real time video monitors to enhance the City of Haslet audio and visual peripherals.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000215	03	Trinity	None	Build shelters at the city parks so people can be protected from severe weather.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000216	03	Trinity	Conduct a public education campaign on communication techniques during a gas utility failure	Increase public awareness of the "call before you dig" and 811 program after an all-hazard event has occurred.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000210		Proposed		HMGP	No		When working with planning team members from each jurisdiction all mitigation ideas t were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03000211	120302030202, 120302030203, 120302030204, 120302030304, 120302030306	Proposed		Rebuild Texas Project	No		Avoid losses to All residents in Chambers County during a natural disaster
03000212		Proposed		City budget, Hazard Mitigation Grant Program (HMGP)	No		\$8,400,000
03000213		Proposed		City budge, grant funds	No		\$300,000
03000214		Proposed		City budget	No		\$60,000
03000215		Proposed		City budget, grants	No		\$600,000
03000216	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		Public Utilities and City Fund	No		\$8,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000217	03	Trinity	None	Acquire property at 395 Shawnee to prevent future flooding.	Polk	12030202	
03000218	03	Trinity	Structural Projects	Purchase and installation of generators to provide auxiliary power to critical facilities such as water and wastewater.	Cooke	12030103, 12030104	
03000219	03	Trinity	Harden Facilities	This action proposes hardening/upgrading critical facilities to withstand flooding. Hardening will include but is not limited to reinforcing building foundations, elevating low-lying structures, upgrading systems, and building protective walls.	Trinity	12030202	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103
03000220	03	Trinity	Educating public on mitigation techniques	Implement an outreach and education campaign to educate the public on mitigation techniques for all hazards to reduce loss of life and property.	Liberty	12030202, 12030203, 12040202	
03000221	03	Trinity	Property Protection	Acquire repetitive flood loss properties and properties prone to flooding in the Deep River Plantation Subdivision.	Walker	12030202	
03000222	03	Trinity	Adopt and Implement International Building Code for New Buildings	As the IBC is periodically updated, the city will update and enforce the code to require all structures within the city limits be built to these standards.	Denton	12030103, 12030104, 12030105	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000217		Proposed		HMGP, PDM, budget	No		None listed
03000218		Proposed		HMGP	No		When working with planning team members from each jurisdiction all mitigation ideas t were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03000219	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103	Proposed		City, FEMA FMA, FEMA PDM, FEMA HMGP	No		Existing infrastructure
03000220		Proposed		Local budget and salary, HMPG, Fire Prevention and Safety Grants	No		1:4 cost-benefit ratio
03000221		Proposed		PDM Program, HMGP	No		More than a 1:4 cost-benefit ratio
03000222		Proposed		General funds, local funds	No		New building codes would allow for new buildings to be constructed to mitigate against structure-impacting

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000223	03	Trinity	Enhancement of Subdivision Building Standards	Modify building standards to regulate subdivision design to ensure adequate ingress/egress, road widths, road grade, lot size and street sign placement and materials to ensure ease of evacuation and firefighting. Also add factors to ensure that construct	Walker	12030202	120302020801, 120302020802, 120302020805
03000224	03	Trinity	None	Improvements and maintenance efforts to keep storm drains and drainage ways clear.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000225	03	Trinity	Hire Consultant to complete new inundation studies of all high and moderate hazard dams	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Denton	12030103, 12030104, 12030105	
03000226	03	Trinity	None	Conduct study to reduce stream bank erosion impacts along Big Bear Creek, Little Bear Creek, and Marshall Branch to improve drainage within the City of Keller.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000227	03	Trinity	None	Loy Lake Dam is owned by Grayson County and is classified as a small, significant hazard structure due to the size of the dam and downstream hazard. Grayson County will prepare an Emergency Action Plan pursuant to guidelines established through the TCEQ	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000223	120302020801, 120302020802, 120302020805	Proposed		In-Kind, City Funds	No		This modification to existing standards is cost-effective for the City.
03000224	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		These improvements would include replacing collapsed culverts, enlarging storm drains and installing grates over drains to catch debris.
03000225		Proposed		HMGP, Watershed Authorities, Dam Sponsors, Local Funds, In-Kind	No		Mitigate the impacts of flooding and other hazards.
03000226		Proposed		Hazard Mitigation Grant Program, city funds	No		\$36,000
03000227	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000228	03	Trinity	Public Education on Existing Hazards with resources to mitigate the impacts of each.	This public education program would be based on the hazards that the City of Highland Village identified as being vulnerable to. The program would use a combination of distributed literature, social media, and civic presentations to educate residents on	Denton	12030103, 12030104, 12030105	
03000229	03	Trinity	Preventative Measures	Adopt and enforce the most current international building codes to ensure structures are built to withstand normal weather events and to limit damage from extreme weather events. (NFIP)	Cooke	12030103, 12030104	
03000230	03	Trinity	None	Install Outdoor Warning Sirens to cover the North and Southeast parts of the city.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000231	03	Trinity	Structure and Infrastructure	Channel improvement on Brockbank Channel Basin north of SH 183; Channel improvement on Embassy Channel Basin north of SH 183.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000232	03	Trinity	Structure and Infrastructure	Identify flood-prone and repetitive loss properties through the Texas Water Development Board. Identify and Implement actions to reduce or eliminate flooding at identified properties.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000228		Proposed		Existing Budget; Texas Forest Service; National Fire Protection Association; NOAA	No		Mitigate the impacts of flooding and other hazards.
03000229		Proposed		Budget	No		When working with planning team members from each jurisdiction all mitigation ideas t were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03000230		Proposed		General fund, hazard mitigation grants	No		\$120,000
03000231		Proposed		Local Funds, Capital Improvement Bond fund, Water Utility Bond Fund, State and Federal Grants	No		Reduce risk of flood damages through improved drainage capacity; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood event.
03000232	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of damages or injuries through flood mitigation at high risk structures; reduce the need for emergency response in high risk areas; Reduce repetitive flood losses / claims; Reduce community recovery efforts and costs.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000233	03	Trinity	Local Plans and Regulations	Join the National Flood Insurance Program (NFIP).	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000234	03	Trinity	Improve City of McKinney's capability to prepare for, respond to, and recover from flood events.	Increase staff training and personnel for the City's Healthy Creeks and Lakes Initiative Program	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03000235	03	Trinity	Retrofit existing buildings to meet the requirements of the International Building Code	The International Building Code provides the framework for constructing structures that will most effectively reduce impacts of hazards, such as wind and impact resistant doors, windows, and roofing; increased elevation (BFE) standards for flooding; high	Denton	12030103, 12030104, 12030105	
03000236	03	Trinity	Local Plans and Regulations	Join the Community Rating System program.	Jack	12030101	
03000237	03	Trinity	City of DeSoto Community Safe Room	City of DeSoto Community Safe Room	Dallas	12030105	
03000238	03	Trinity	None	Inform residents of mitigation activities they can implement in their homes.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000239	03	Trinity	Purchase and install CASA WX Radar.	The CASA radars provide jurisdictions more accurate weather data and geographically specific weather data culled from the most active levels of the atmosphere. This data could save lives by providing the public more time to react and prepare appropriately	Wise	12030101, 12030102, 12030103, 12030104	
03000240	03	Trinity	Local Plans and Regulations	Require erosion / sedimentation controls for new construction; Include on-site sediment retention as a development requirements.	Montague	12030101, 12030103, 12030104	
03000241	03	Trinity	Structure and Infrastructure, Natural Systems Protection	Conduct creek and stream bank erosion studies: conduct a study to identify vulnerability to stream bank erosion. Identify and implement cost effective actions.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000242	03	Trinity	None	Purchase and install an outdoor warning siren in Big Bear Creek Park.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000233	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (Staff time)	No		Provide access to flood insurance for local residents; Reduce flood risk and build resiliency.
03000234	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney Funds, Stormwater fund	No		\$500,00
03000235		Proposed		General funds; Local funds	No		Mitigation against structure-impacting hazards.
03000236		Proposed		Local Funds	No		Reduce flood insurance premiums for local residents; Reduce flood risk and build resiliency.
03000237		Proposed		Unknown	No		Unknown
03000238	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Mitigate damage to homes from flooding.
03000239		Proposed		HMGP, PDM, County budget, Local funds, in-kind, donations	No		The cost of this project is low compared to the potential benefits.
03000240		Proposed		Local Funds (staff time)	No		Reduce risk of flood damages due to erosion or scour during flood events
03000241		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP)	No		Reduce losses related to flooding.
03000242		Proposed		Hazard Mitigation Grant Program, city funds	No		\$240,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000243	03	Trinity	None	Erosion control and storm sewer installation at Milroy Terraceto prevent new structures from being damaged.	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03000244	03	Trinity	Local Plans and Regulations	Prohibit animal shelters in known hazard areas.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000245	03	Trinity	Truck Bypass	Develop a truck bypass around Dayton.	Liberty	12030202, 12030203, 12040202	
03000246	03	Trinity	Expand Outdoor Warning Systems to New Populations	Adding three outdoor warning sirens to the system to new residential sub-divisions would increase early warning coverage area to areas of new population and development.	Ellis	12030102, 12030105, 12030108, 12030109	
03000247	03	Trinity	None	Install flood warning devices to low water crossings that citizens identify.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000248	03	Trinity	Local Plans and Regulations	Implement program to inspect and enforce required tie-downsof manufacturedhome/mobile homesin flood-proneareasper Flood Damage Ordinance.	Houston	12030201, 12030202	
03000249	03	Trinity	New emergency shelter	North Cleveland emergency shelter located at old TxDOT offices on FM 2025.	Liberty	12030202, 12030203, 12040202	
03000250	03	Trinity	Local Plans and Regulations	Increase freeboard requirements for permitting structures in the SFHA; Adopt a “no-rise” in BFE in the 100-year floodplain; Update local flood ordinance to prohibit granting of variance in SFHA; Include “cumulative damage” provisions in local flo	Jack	12030101	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000243	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		N/A	No		mitigation of storm sewer system failures with new storm sewers.
03000244	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time)	No		Reduce risk to structures and animals by requiring development outside of hazardous areas; Reduce burden on emergency response during hazardous events.
03000245		Proposed		TXDOT Pass Through Funding, Toll Road	No		1:4 cost-benefit ratio
03000246		Proposed		HMGP, general fund, local funds, donations, in-kind	No		Protect citizens from flooding as a result of dam failure
03000247		Proposed		Town budget, hazard mitigation grants	No		\$6,000
03000248		Proposed		Grants	No		Reduce damage or loss due to severe weather events.
03000249		Proposed		HMGP, Pre-Disaster Mitigation, County Funds	No		1:4 cost-benefit ratio
03000250		Proposed		Local Funds (staff time)	No		Reduce flood damages through development restrictions and improved construction requirements in flood-prone areas.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000251	03	Trinity	Enlarge storm drain	Enlarge storm drain to reduce flooding from Main Street to Church Street.	Liberty	12030202, 12030203, 12040202	
03000252	03	Trinity	Expand and coordinate Early Warning Systems currently in use.	Expanding the Early Warning Sirens and Local Warning System to notify new populations of impending severe weather or imminent hazards to reduce the loss of life and mitigate the effects of the hazards.	Collin	12030103, 12030105, 12030106	
03000253	03	Trinity	Structural Projects	Increase water drainage by replacing culverts that are damaged and/or too small. This also includes maintenance of existing culverts to clear blockages. (NFIP)	Cooke	12030103, 12030104	
03000254	03	Trinity	None	Install automatic flow controls and special breakers on new and existing pipelines and power lines to mitigate damage to critical infrastructure and the environment caused by these hazards.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000251		Proposed		Local funding through Capital Improvements and operating budget, 406 Public Assistance (following federal disaster declaration), HMGP, PDM Program	No		1:4 cost-benefit ratio
03000252		Proposed		City of Frisco annual budget, HMGP	No		The outdoor warning siren system is the most effective tool for outdoor notification, especially as relative to the fact that Frisco has many outdoor parks, trails, and nature areas that are used by citizens.
03000253		Proposed		CDBG	No		When working with planning team members from each jurisdiction all mitigation ideas were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03000254		Proposed		City funds, hazard mitigation grants	No		\$900,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000255	03	Trinity	Creation and implementation of Mitigation Public Awareness Program	Increase public education of mitigation techniques for all hazards. Distribute information regarding flood hazards, SFHA's, and potential mitigation measures using the local newspaper, utility bill inserts, inserts in the phone book, a City hazard awar	Walker	12030202	120302020801, 120302020802, 120302020805
03000256	03	Trinity	Hardin County Construction of Detention Pond	Hardin County Construction of Detention Pond	Hardin	12020007, 12030202	
03000257	03	Trinity	Implement Drainage Projects to Upgrade Existing Drainage Infrastructure	This action proposes upgrading existing storm drainage infrastructure to reduce the potential impacts of future flood events.	Trinity	12030202	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103
03000258	03	Trinity	Education and Awareness	Enhance mass-notification system and capabilities through community outreach subscription and education	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000259	03	Trinity	Local Plans and Regulations	Manage the Floodplain beyond the minimum requirements. This action will include developing an incentive program for building above the required freeboard minimum.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000260	03	Trinity	None	Acquire flood prone properties for use as park areas. (NFIP)	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000255	120302020801, 120302020802, 120302020805	Proposed		Existing staff/ in-kind services	No		Low-cost project that can be completed without grant funding or loans.
03000256		Proposed		Unknown	No		Unknown
03000257	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103	Proposed		City of Trinity, FEMA PDM, FEMA HMGP, FEMA FMA, TWDB	No		Existing infrastructure
03000258		Proposed		Local funds, State and Federal Grants	No		Reduce risk to citizens through improved communications and early warning.
03000259		Proposed		Local Funds, State and Federal Grants	No		Reduce flood damages through improved development techniques and improved construction practices in flood-prone areas.
03000260	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Grant	No		Mitigate flood risk to properties.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000261	03	Trinity	Education and Awareness	Establish communications for emergency events to the RCISD community.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03000262	03	Trinity	None	Cleaning and removing debris from Iron Ore Creek for better drainage and less debris floating on to roads.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000261	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		HMGP, district funds	No		Reduce potential losses to RCISD community members (Students, staff and stakeholders).
03000262	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000263	03	Trinity	Flood Protection Planning for Watersheds - Chambers County and City of Mont Belvieu	Flood Protection Planning for Watersheds - Chambers County and City of Mont Belvieu for use in planning and risk reduction	Liberty, Chambers	12030203, 12040202, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306, 120302030109, 120302030201, 120302030202, 120302030203, 120302030204, 120302030301, 120302030302, 120302030303, 120302030304, 120302030305, 120302030306
03000264	03	Trinity	Structure and Infrastructure	Improve and enhance storm water draining capabilities to prevent flooding in flood prone areas.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000265	03	Trinity	Local Plans and Regulations	Develop, implement and annually review an Emergency Action Plan for the Ratcliff Lake Dam Recreation Area	Houston	12030201, 12030202	
03000266	03	Trinity	Structure and Infrastructure	Implement the Hackberry Creek Capital Improvement Program—see Appendix G.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000267	03	Trinity	None	Purchase and install a generator for the City Hall Complex.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000268	03	Trinity	Public Education on Hazards	Provide materials and data sources to educate/train citizens of all potential hazards in the planning area and methods to mitigate hazards and increase awareness.	Henderson	12030105, 12030107, 12030201	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000263	120302030202, 120302030203, 120302030204, 120302030304, 120302030306, 120302030109, 120302030201, 120302030202, 120302030203, 120302030204, 120302030301, 120302030302, 120302030303, 120302030304, 120302030305, 120302030306	Ongoing		FIF	No		Flood Protection Planning for Watersheds - Chambers County and City of Mont Belvieu
03000264		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP), Capital Improvement Plan	No		Reduce the effects of flooding.
03000265		Proposed		FEMA Grant	No		Recommended by TCEQ to mitigate dam failure and flood, andfor periodic inspections.
03000266		Proposed		Local Funds, NCTCOG, Dallas County, State of Texas, FEMA	No		Previous losses from flash flooding to vehicles, single family residential, and public infrastructure (i.e. roads/bridges) is in the hundreds of thousands of dollars.
03000267		Proposed		City budget, grants	No		\$1,500,00
03000268		Proposed		City Budget/Grants	No		Low

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000269	03	Trinity	Local Plans and Regulations	Purchase user license and tie into existing county-wide alert and communication system	Kaufman	12030105, 12030106, 12030107	
03000270	03	Trinity	Develop an emergency public awareness plan to increase efficiency and effectiveness during a large-scale interruption of energy service	Implement and maintain public awareness planfor energy customers.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03000271	03	Trinity	None	Install an automated flood gate that prevents traffic flow on FM 2114 within the flood-prone area during flooding events.	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03000272	03	Trinity	None	Conduct structure improvements to improve channel degradation caused by erosion. Include such actions as installing concrete retaining walls and reconstructing channel slopes.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000273	03	Trinity	Local Plans and Regulations	Undertake an initiative to increase the number of flood insurance policies.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000269		Proposed		Grants	No		Early warning reduces loss of life and property to students and faculty for all severe weather events
03000270	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		Atmos Energy Corporation funds	No		\$40,000
03000271	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		NFMF, PDM Grant Program, EMPG Grant Program	No		This would prevent the flow of traffic along the low-lying area of FM 2114 when it is flooded. By preventing the flow of traffic along the roadway while it is flooded, the loss of life can be prevented
03000272		Proposed		City budget, CIP funds, HMGP, PDM	No		\$213,000
03000273	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Reduce flood risk and build resiliency; Increase flood risk awareness; Reduce damage impact on residents after a flood event; Reduce the burden on state and federalresources.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000274	03	Trinity	Ensure first responder capabilities to prepare for, respond to, and recover from identified hazards	Acquire a large dump truck with a grapple arm for debris removal.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03000275	03	Trinity	None	Construct the West Side Levee	Johnson	12030102, 12030109	
03000276	03	Trinity	Develop and Implement Teen CERT at Denton County area Independent School Districts	Train and prepare area youth on disaster preparedness and how to protect themselves and their families through specialized programs at Denton County area Independent School Districts.	Denton	12030103, 12030104, 12030105	
03000277	03	Trinity	None	Work with local resident and County Commissioners to ensure that if roadways are lost due to a dam failure that properties owners are not isolated.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000274	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		Storm Water Fund	No		\$500,000
03000275		Proposed		City, Community Development Block Grant	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03000276		Proposed		Urban Area Security Initiative; Additional Grant Programs	No		Enriching the lives of youth through programs that educate about hazards, basic lifesaving skills, and what to do during an emergency.
03000277	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000278	03	Trinity	Structure and Infrastructure	Acquisition / demolition of flood-prone and repetitive loss properties.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000279	03	Trinity	Local Plans and Regulations	Undertake an initiative to increase the number of flood insurance policies.	Jack	12030101	
03000280	03	Trinity	Develop public education campaigns to disseminate information about actions to mitigate potential loss of life, injuries and property damage resulting from natural hazards.	Develop and implement a comprehensive public education program, to include hazard mitigation activities for each identified hazard	Collin	12030103, 12030105, 12030106	
03000281	03	Trinity	None	Acquire property on River Road in Holiday Lake Estates that consistently flood or are threatened by Trinity River bank erosion	Polk	12030202	
03000282	03	Trinity	Construction of McDonald Creek Flood Mitigation	Construction of enhancements to existing McDonald Drainage system to alleviate areas flooding	Walker	12030202	120302020801, 120302020802, 120302020805

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000278		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of damages or injuries through flood mitigation at high risk structures; Reduce the need for emergency response in high risk areas; Reduce repetitive flood losses/claims; Reduce community recovery efforts and costs.
03000279		Proposed		Local Funds (staff time)	No		Reduce flood risk and build resiliency; Increase flood risk awareness; Reduce damage impact on residents after a flood event; Reduce the burden on state and federal resources.
03000280		Proposed		Operating Budget, Local grants	No		The Town of Fairview will develop and implement a comprehensive public education program based on the hazards identified in this annex and what actions can be taken to mitigate impacts. This program will use a variety of means for distributing informatio
03000281		Proposed		HMGP, FMA, budget	No		None listed
03000282	120302020801, 120302020802, 120302020805	Proposed		FEMA Hazard Mitigation Assistance Grants, City Funds, Bonds	No		The project will be evaluated for benefit-cost effectiveness.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000283	03	Trinity	None	Maintain and Operate Early Alert System- an outdoor warning system composed of nine sirens throughout the City.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000284	03	Trinity	None	Improve Buckingham Lane drainagewith larger culverts	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03000285	03	Trinity	Develop and Implement Program to Provide Early Warning Systems to Citizens.	Develop and implement a plan for acquiring and distributing NOAA All hazard Radios to households and businesses. Provide information on alternate methods of receiving advanced warning messages.	Denton	12030103, 12030104, 12030105	
03000286	03	Trinity	Provide adequate warning and communication before, during, and after a hazard event.	Purchase Early Warning Alert System	Collin	12030103, 12030105, 12030106	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000283	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000284	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		Reduce potential flooding of Buckingham Lane during moderate to high rain periods.
03000285		Proposed		HMGP, General fund, partial payment by receiving party, local grants, in-kind	No		Protect citizens from the impacts of flooding and all natural hazards.
03000286		Proposed		Reserve Funds, Local Grants, FEMA	No		Lowry Crossing would purchase an early warning system to warn its residents about impending natural hazard events.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000287	03	Trinity	Local Plans and Regulations	Adopt on-site retention basin program in conjunction with development to address excessive stormwater / firefighting water source.	Montague	12030101, 12030103, 12030104	
03000288	03	Trinity	Local Plans and Regulations	Undertake an initiative to increase the number of flood insurance policies.	Montague	12030101, 12030103, 12030104	
03000289	03	Trinity	Adopt and Promote the National Flood Insurance Program	Alma would become a member of NFIP and develop a long-term plan for flood mitigation.	Ellis	12030102, 12030105, 12030108, 12030109	
03000290	03	Trinity	None	Though Tarrant County cannot enforce buildings codes, the county will encourage the use of the most current building codes to meet International Code Council standards.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000291	03	Trinity	Develop a buyout program for repetitive flood loss areas within the county.	This program would target repetitive loss and severe repetitive loss properties within the county. Wise County would purchase those properties at fair market value and demolish any structures in the floodplain. The property would remain under the control	Wise	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000287		Proposed		Local Funds	No		Requiring developers to implement on-site retention basin for new developments will prevent downstream impacts, reduce impacts to floodplain and provide additional potential water sources for firefighting uses
03000288		Proposed		Local Funds (staff time)	No		Reduce flood risk and build resiliency; Increase flood risk awareness; Reduce damage impact on residents after a flood event; Reduce the burden on state and federal resources.
03000289		Proposed		HMGP, PDM, General fund, In-kind	No		Would allow the city to develop more in-depth flood mitigation programs for homes already in the floodplain and to develop codes and ordinances for blocking construction in areas vulnerable to flooding.
03000290		Proposed		County budget, grants	No		\$300,000
03000291		Proposed		County Budget, HMGP, Local funds, in-kind	No		Buying out properties and removing structures is more cost effective than paying for loss and repairs and reduces the risk to first responders.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000292	03	Trinity	Local Plans and Regulations	Adopt smart growth initiatives. Incorporate a formal hazard mitigation plan in long-term community development planning activities.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000293	03	Trinity	Develop and implement a comprehensive public education program.	This public education program would be based on the hazards that the City of Midlothian identified. The program will educate residents on the hazards and mitigation actions for each.	Ellis	12030102, 12030105, 12030108, 12030109	
03000294	03	Trinity	Structure and InfrastructureProject	Upgrade or replace storm water culverts and drains to improve conveyance of storm water	Kaufman	12030105, 12030106, 12030107	
03000295	03	Trinity	None	Identify and complete backflow prevention projects to protect property	Johnson	12030102, 12030109	
03000296	03	Trinity	Structure and Infrastructure	Acquire and install generator with hard wired quick connections at all critical facilities.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000297	03	Trinity	Southeast Drainage Ditch	Channelization and crossing upgrades from Benton Lane to FM 563	Chambers	12030203, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000292	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time)	No		Reduce risk in high hazard areas by promoting and incentivizing development in low risk areas; Build resiliency within the community; Reduce risk of damages through improved planning and construction practices.
03000293		Proposed		General funds, state, federal grant funding, local funds, private donations	No		Protect the community from the impact of flooding and other natural hazards.
03000294		Proposed		HMGP	No		Reduce potential flooding, overtopping of banks, poor drainage, and cost to routinely repair undersized drains and inadequate culverts
03000295		Proposed		City, Hazard Mitigation Assistance, Community Development Block Grant, others to identified	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03000296	120301010101, 120301010102, 120301010103, 120301010107	Proposed		County Public Works / City Engineer / City Administrator	No		Provide power for critical facilities during power outages and ensure continuity of critical services.
03000297	120302030202, 120302030203, 120302030204, 120302030304, 120302030306	Proposed		HMAP	No		Avoid Flooding and Loss of homes, businesses

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000298	03	Trinity	Tarrant County Flood and Master Drainage Study	Tarrant County Flood and Master Drainage Study	Tarrant	12030101, 12030102, 12030103, 12030104	
03000299	03	Trinity	None	Increase the capacity of the storm drainage system at low water crossings and other areas where water collects by installing larger culverts and adding drainage points along vulnerable or critical roads.	Parker	12030101, 12030102	
03000300	03	Trinity	Structure and Infrastructure	Enhance Emergency Operations Center capabilities to improve EOC server room, system redundancies, warning, coordination, situational awareness, and communication abilities with residents, businesses, and community at-large.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000301	03	Trinity	None	Conduct NFIP community workshops to provide information and incentives for property owners to acquire flood insurance.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000302	03	Trinity	None	Per NFIP participation, acquire existing properties in the identified flood hazard area adjacent to Cedar Creek North off of Brule Drive.	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03000303	03	Trinity	Structure and Infrastructure	Adopt and implement a program for clearing debris from bridges, drains and culverts.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000298		Proposed		Unknown	No		Unknown
03000299		Proposed		County budget, grants	No		\$600,000
03000300		Proposed		Hazard Mitigation Grants, Homeland Security Grants, State and Federal Grants, general obligations bonding, city budget, and/or property owners	No		Reduce risk to citizens through improved communications and early warning; Ensure continuity of emergency services.
03000301		Proposed		City general fund, hazard mitigation grants	No		\$3,000
03000302	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		Removal of structures from the floodplain can save lives and prevent property damage.
03000303	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds (staff time), State and Federal Grants	No		Reduce damages caused by flooding by maintaining or restoring drainage capacity.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000304	03	Trinity	None	Evaluate and maintain existing flood mitigation projects	Johnson	12030102, 12030109	
03000305	03	Trinity	None	Bury power lines at critical facilities	Johnson	12030102, 12030109	
03000306	03	Trinity	None	Encourage fully developed land use conditions to be used for infrastructure design purposes.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000307	03	Trinity	Anderson County Projects	Plan and implement a new publicity campaign to expand enrollment in CODE RED notification system; use CODE RED to warn of impending hazard events.	Anderson	12030105, 12030201	
03000308	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Ellis	12030102, 12030105, 12030108, 12030109	
03000309	03	Trinity	Purchase and install an outdoor early warning system.	Buy and install enough warning sirens throughout the 6.5 square miles	Ellis	12030102, 12030105, 12030108, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000304		Proposed		University, others to be identified	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03000305		Proposed		County, others to be identified	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03000306		Proposed		Hazard mitigation grants, agency budge	No		\$3,000,000
03000307		Proposed		No cost listed	No		None listed
03000308		Proposed		HMGP, Watershed Authorities, dam sponsors, local sponsors, in-kind	No		Protect existing and new properties from the effects of all natural hazards.
03000309		Proposed		Government funding/grants, donations	No		An early warning siren system will give citizens prior warning in the case of dam failure or other natural hazards.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000310	03	Trinity	None	Increase public awareness and create public service announcements.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000311	03	Trinity	None	Install culvert on MLK south of Hulett street to prevent repeat of road washout.	Polk	12030202	
03000312	03	Trinity	None	Eliminate potential loss of power to municipal buildings from these identified hazards with the installation of backup generators for electrical power in municipal buildings.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000313	03	Trinity	NORTEX HMAP	NORTEX HMAP	Archer	11130209, 12030101, 12060201	
03000314	03	Trinity	Education and Awareness	Educate the Public on mitigation activities that can help protect their properties in the event of a Dam Failure; such as elevate AC Units, elevate structures, and use of freeboard.	Houston	12030201, 12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000310	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000311		Proposed		HMGP, PDM, FMA, CDBG, budget	No		None listed
03000312		Proposed		City budget, hazard mitigation grants	No		\$1,350,000
03000313		Proposed		Unknown	No		Unknown
03000314		Proposed		Grants	No		Protection of properties; reduce risk to public health, safety and welfare

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000315	03	Trinity	Develop public education campaigns to disseminate information about actions to mitigate potential loss of life, injuries and property damage resulting from natural hazards.	Develop and Implement a Comprehensive Public Education Program to Mitigate the Impacts of Each Identified Hazard.	Collin	12030103, 12030105, 12030106	
03000316	03	Trinity	Purchase and Distribution of NOAA All-Hazards S.A.M.E Radios to Disadvantaged Citizens	Purchase, programming, and distribution of NOAA All-Hazards Radios with Specific Area Message Encoding or S.A.M.E. technology will provide immediate verbal and text notifications to residents primarily in disadvantaged or low-income areas. This would aug	Denton	12030103, 12030104, 12030105	
03000317	03	Trinity	Structure and Infrastructure, Natural Systems Protection	Remove structures from flood-prone areas to minimize future flood losses through implementation of drainage improvements, conservation easements, floodwalls, retaining walls, culverts, and stream corridor restoration including elevation, acquisition, and	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000315		Proposed		General Fund, HMGP, Local Funds, In-kinds	No		Program would educate the public on jurisdictional hazards and effective mitigation activities for each. Program will combine distributed written literature and social media to educate residents on hazards, their dangers, and how to mitigate against them t
03000316		Proposed		Mitigation Grants; Business Donations	No		Loss of life and property are of great concern, this program would ensure timely notifications to those without other notifications capabilities.
03000317		Proposed		State and Federal Grants, Hazard Mitigation Grants, general obligations bonding, city budget, and/or property owners	No		Reduce risk of damages or injuries through flood mitigation at high risk structures; Reduce the need for emergency response in high risk areas; Reduce repetitive flood losses/claims; Reduce community recovery efforts and costs.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000318	03	Trinity	None	Educate local residents on the participation of the city in the NFIP program and the importance of purchasing flood insurance. (NFIP)	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000319	03	Trinity	Construct enhancements or additions to current and new facilities which mitigate the effects of natural hazards	Develop and implement storm water management on creek waterways	Collin	12030103, 12030105, 12030106	
03000320	03	Trinity	Local Plans and Regulations	Implement program to clear debris from flood-prone areas, bridges, drains and culverts to prevent overtopping and backup during flash floods.	Houston	12030201, 12030202	
03000321	03	Trinity	City of Corsicana Generator for Fire Station 3 - Priority #3	City of Corsicana Generator for Fire Station 3 - Priority #3	Navarro	12030108, 12030109	
03000322	03	Trinity	Structure and InfrastructureProject	Purchase three large generators for electrical utility backup at school campuses	Kaufman	12030105, 12030106, 12030107	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000318	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000319		Proposed		HMGP, General Funds, Local Funds, In-Kind	No		Project would prevent erosion, stopping expansion of the floodplain
03000320		Proposed		General Revenue, HMGP grant	No		Reduce local minor flooding and drainage problems; reduce washout and maintenance of roadways caused by sheet flow.
03000321		Proposed		Unknown	No		Unknown
03000322		Proposed		Grants	No		Continue essential utility service for student, faculty and staff during and after a severe weather event

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000323	03	Trinity	Local Plans and Regulations	Enhance building codes and enforcement, including development of standard for structural sound and asset tie-down.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000324	03	Trinity	Local Plans and Regulations	Create and execute plan for a back-up facility for the City Resolution Center (Call Center) so it can continue to operate during a disaster if the facility itself is lost.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000325	03	Trinity	Local Plans and Regulations	Upgrade NFIP regulatory requirements to include higher building standards in flood-prone areas	Kaufman	12030105, 12030106, 12030107	
03000326	03	Trinity	None	Review this HazMAP with internal and external partners.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000327	03	Trinity	Education and Awareness	Conduct public awareness program to disseminate NFIP information to citizens regarding availability of flood insurance and elevating new construction outside the Special Flood Hazard Area.	Houston	12030201, 12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000323		Proposed		Local Fund (staff time)	No		Reduce risk of damages to structures through improved construction techniques; Reduce recovery efforts for the community after an event; Reduce risk of injury or fatality to citizens
03000324		Proposed		Local Funds, State and Federal Grants	No		Currently the city has no back-up facility for this function. Ensure critical services.
03000325		Proposed		General Fund	No		Reduce financial cost by elevating structures and minimizing flood risk; reduce loss of lives in flood event
03000326		Proposed		City funding for staff time	No		0
03000327		Proposed		Local Revenue	No		Avoid loss of life by permitting and elevating buildings in all risk flood zones; increase policy base and reduce monetary outlay associated with flooded structures.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000328	03	Trinity	Structural Projects	Installation of an automatic barricade for low-water crossing on O'Neal Street. (NFIP)	Cooke	12030103, 12030104	
03000329	03	Trinity	None	Elevate and reinforce roadways and bridges prone to inundation from flooding. Projects may include general road elevation; upgrading culverts and installing headwalls; upgrades and reinforcement of bridges and bridge footings; etc.	Polk	12030202	
03000330	03	Trinity	Education and Awareness	Establish communications for emergency events to the Rockwall ISD community.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03000331	03	Trinity	None	Become an NFIP CRS Community.	Hood	12030102	120301020301, 120301020301
03000332	03	Trinity	None	Build a flood control project to prevent drainage issues that impact up to 15 homes	Limestone	12030108, 12030201	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102
03000333	03	Trinity	None	Purchase and install backup generators for all critical facilities and infrastructure.	Hood	12030102	120301020301, 120301020301

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000328		Proposed		HMGP Grant	No		When working with planning team members from each jurisdiction all mitigation ideas t were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03000329		Proposed		HMGP, PDM, TXDOT	No		None listed
03000330	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		HMGP, district funds	No		Reduce potential losses to Rockwall ISD community members (Students, staff and stakeholders).
03000331	120301020301, 120301020301	Proposed		None listed	No		0
03000332	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102	Proposed		FEMA mitigation grants	No		Save lives and reduce flood insurance and recovery costs.
03000333	120301020301, 120301020301	Proposed		Hazard Mitigation Grant, CDBG, Capital Improvement	No		\$3 million

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000334	03	Trinity	None	Create a regional map modernization program and prioritize mapping needs. Enhance GIS system with digital floodplain and topographic data. Need to convert city floodplain data to digital.	Madison	12030202	
03000335	03	Trinity	None	Improve roadside drainage ditches and build curbs to increase water flow during flood events.	Hood	12030102	120301020301, 120301020301
03000336	03	Trinity	Structure and Infrastructure	Increase drainage capacity; Add stormwater detention and / or retention basins as deemed necessary to reduce flood risk.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03000337	03	Trinity	None	Promote conservation of open space to alleviate pressure on stormwater runoff and to promote water absorption through the soil.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000338	03	Trinity	Maintain NFIP compliance, storm water management, and implement drainage projects.	Develop and implement debris management program targeting stream banks at bridges	Collin	12030103, 12030105, 12030106	
03000339	03	Trinity	None	Purchase a backup generator to power Highway105 WestStreet LiftStation	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000334		Proposed		General revenue, grants	No		Better identification of areas that may be at risk of disaster; more information for the public to take into account risks; and assistance for Emergency Medical Systems, Fire Department and law enforcement with improved information and maps.
03000335	120301020301, 120301020301	Proposed		Local Funds, State/Federal Grants, In-Kind Match	No		\$6 million
03000336	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, HMGP, CDBG, Other State and Federal Grants	No		Reduce flood risk through improved drainage capacity; Reduce risk of damages and injuries; Reduce emergency response demands
03000337		Proposed		City general fund, hazard mitigation grants	No		\$600
03000338		Proposed		HMGP, General Funds, Local Funds, In-Kind	No		Town of St. Paul needs to ensure clear waterways in order to prevent buildup of debris and materials that could cause flooding and contribute to damage to bridges.
03000339	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		Enhance safety of population by helping ensure continued power supplies in emergency situations.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000340	03	Trinity	None	Participate in FEMA's Community Rating System to lower flood insurance premiums for residents with flood insurance.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000341	03	Trinity	None	Document new flood areas for flood map updates.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000342	03	Trinity	Structure and Infrastructure	Elevate flood prone homes including electrical systems to a minimum of 1' above Base Flood Elevation.	Hardin	12030202	120302021205
03000343	03	Trinity	Structure and Infrastructure, Natural Systems Protection	Improve and increase the capacity of storm water system by expending the Ten Mile Creek downstream channel to prevent flooding in flood prone areas to include structural stormwater management projects.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000344	03	Trinity	CASA (WX) Weather Radar System	The Collaborative Adaptive Sensing of the Atmosphere (CASA WX) project is a multi-sector partnership dedicated to engineering revolutionary weathersensing networks.	Denton	12030103, 12030104, 12030105	
03000345	03	Trinity	None	Eliminate potential loss of power to municipal buildings from these identified hazards with the installation of backup generators for electrical power in new and existing municipal buildings.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000346	03	Trinity	Mountain Valley/Village Creek Drainage Improvements	A majority of the City of Joshua drains into the headwaters of Village Creek. The creek serves as a major tributary into Lake Arlington	Limestone	12030102, 12060202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000340		Proposed		Local funds, HMGP, PDM, FMA	No		\$60,000
03000341	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		When updated floodplain maps are complete reevaluate Hazard Mitigation Plan to incorporate any changes to the floodplain. (NFIP)
03000342	120302021205	Proposed		HMGP, PDM, GLO, local funding	No		Mitigate flood damage; improve compliance with floodplain ordinance.
03000343		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP), Capital Improvement Program	No		Reduce losses related to flooding.
03000344		Proposed		Local funding, local grants, federal funding, HMPG	No		The main purpose of the CASA WX project is to save lives and minimize injuries due to severe weather. This is accomplished through the enhancement of data by providing lower atmospheric coverage at faster rates.
03000345		Proposed		Hazard Mitigation Grant Program, city funds, private foundation	No		\$1,200,000
03000346		Proposed		Unknown	No		Unknown

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000347	03	Trinity	Enact and enforce regulatory measures that enforce hazard mitigation measures	Implement stricter building codes and standards to mitigate the impacts of identified hazards in Lucas	Collin	12030103, 12030105, 12030106	
03000348	03	Trinity	Improve the Trinity River Levee System with improvements aimed at increasing their durability, longevity, and flood protection	The Trinity River Corridor Project is a multi-phase development of the Trinity River basin, which runs through a significant portion of Dallas. This project will augment and strengthen the levee system along the Trinity River basin thus mitigating the po	Kaufman, Rockwall, Collin, Denton, Dallas	12030102, 12030103, 12030105, 12030106	
03000349	03	Trinity	None	Install metal warning signs that identify flood-prone areas.	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000347		Proposed		Local	No		Stricter codes to mitigate identified hazards, such as tornado, high wind, and impact resistant materials (windows, doors, roof bracings); dry-proofing public buildings for flooding; upgrading to higher standard insulation for extreme heat and winter sto
03000348		Proposed		City Funds	No		Improvements to the Trinity River Levee System would reduce the risk of inundation to existing structures due to levee failure. Improvements to the interior drainage system would provide an additional layer of protection to properties and reduce the inun
03000349	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		PDM Grant, EMPG Grant, HMGP Grant	No		This would increase public awareness of flood hazards within the city while also reducing the potential for loss of life during flooding events.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000350	03	Trinity	Create and implement master utility/storm water plan	Roanoke will create and implement a master utility and stormwater plan to account for new development in the city.	Denton	12030103, 12030104, 12030105	
03000351	03	Trinity	Adopt and enforce the 2016 International Building Code	Adopt and enforce the 2016 International Building Code	Kaufman, Rockwall, Collin, Denton, Dallas	12030102, 12030103, 12030105, 12030106	
03000352	03	Trinity	None	Bi-annual storm drainage cleaning program to be implemented to keep debris from hampering drainage.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000353	03	Trinity	Education and Awareness	Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03000354	03	Trinity	None	Classroom education and programs such as "Turn around Don't Drown".	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000350		Proposed		HMGP, current personnel salaries	No		The plan will create further projects to protect critical infrastructures and utilities from natural hazards.
03000351		Proposed		General Funds	No		Adopting the 2016 International Building Code will save lives and money by ensuring that privately-owned buildings are protected against natural hazards.
03000352	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000353	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds (staff time), State and Federal Grants	No		Reduce risk of injuries, fatalities and damages through education and awareness.
03000354	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Promote awareness of flood risk.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000355	03	Trinity	Structure and Infrastructure	Expand and upgrade drainage culverts to prevent flooded roadways, add signage in low-water crossings.	Houston	12030201, 12030202	
03000356	03	Trinity	Integrate mitigation into local development review process	Review current local development and subdivision review process for opportunities to incorporate the distribution of hazard mitigation information to developers	Kaufman, Dallas	12030105, 12030106	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204
03000357	03	Trinity	Widen Mc Adams Ditch	Widen Mc Adams Ditch that crosses FM 3180 South	Chambers	12030203, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306
03000358	03	Trinity	Purchase Portable Pumps	This action proposes purchasing portable pumps that can be deployed as needed to mitigate the potential impacts of future flood events.	Trinity	12030202	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000355		Proposed		Grants	No		Improved response time in the event of emergencies; reduce flooded roadways.
03000356	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204	Proposed		General funds	No		None listed
03000357	120302030202, 120302030203, 120302030204, 120302030304, 120302030306	Proposed		Rebuild Texas Project	No		Avoid loss to Residents and structures near Mc Adams Ditch
03000358	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103	Proposed		City of Trinity, FEMA PDM, FEMA HMGP, FEMA FMA	No		Existing infrastructure

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000359	03	Trinity	Flood Control - Drainage Project	Work with adjoining counties regarding flood and drainage issues.	Liberty	12030202, 12030203, 12040202	
03000360	03	Trinity	Structural Projects	Relocate or bank stabilization of county roads that been encroached upon by creeks during recent flood events.	Cooke	12030103, 12030104	
03000361	03	Trinity	None	Install multiple new culverts under Camp Road, Pickens Loop, and Franklin Road.	Polk	12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000359		Proposed		HMGP, PDM Program, USACE - Small Flood Control Projects, TWDB-Clean Water State Revolving Fund, Texas Water Development Fund, USDA NRCS Watershed Protection and Flood Prevention Program, EPA NPS Grant Program	No		More than a 1:4 cost-benefit ratio
03000360		Proposed		Grants	No		When working with planning team members from each jurisdiction all mitigation ideas were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03000361		Proposed		HMGP, PDM, budget	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000362	03	Trinity	Structure and Infrastructure, Natural Systems Protection (for vacant land)	Acquire floodplain and protect environmentally sensitive areas to include Red Oak Creek and Bentle Branch Creek and the Balcones Escarpment and convert them into open space land.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000363	03	Trinity	None	Review and update of Lake Bonham Dam Emergency Plan	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000364	03	Trinity	None	Work with FEMA to develop detailed FIRMsto more accurately map flooding risk from all sources.	Polk	12030202	
03000365	03	Trinity	Education and Awareness	Facilitate use of all mass notification systems to notify and educate the public of impending hazardous events.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000366	03	Trinity	Provide early warning from the National Weather Service to vulnerable residents and businesses.	This would be accomplished by offering an in kind match program or give away through county schools, hospital, and public safety agencies. With the local NOAA all hazards radio station in Muenster providing excellent coverage, participation would likely	Denton	12030103, 12030104, 12030105	
03000367	03	Trinity	None	Ensure new and existing Everman critical facilities have alternative power supply, to include the purchase and installation of generators.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000362		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP), Capital Improvement Plan	No		The benefits of this program exceed the cost associated with flooding of this affected areas. The removal of structures from flood prone areas will minimize future flood losses. This will be done by acquiring and demolishing of structures from voluntary
03000363	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To mitigate dam failure and flooding.
03000364		Proposed		NFIP, FEMA	No		None listed
03000365	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funding, Federal Grants	No		Reduce the loss of life and property as a result of a drought, extreme heat, flood, hurricane, lightning, thunderstorm wind, tornado, winter storm, or wildfire.
03000366		Proposed		Grant Funds, HMPG, PDM, Partial payment by receiving party, Local funds, in-kind, donations, citizen cost-share	No		To alert and warn citizens about severe weather and civil emergencies.
03000367		Proposed		City budget, hazard mitigation grants	No		\$900,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000368	03	Trinity	Recanalization Feasibility Study	Dechannelize existing feeder creeks that flow from north to south and improve drainage for storm water runoff.	Liberty	12030202, 12030203, 12040202	
03000369	03	Trinity	Structure and Infrastructure	Retrofit city critical facilities as needed including but not limited to installation of the following features for severe storm protection: storm shutters or tinted shatter-resistant laminate film for windows; roof straps and strengthening for high wind	Hardin	12030202	120302021205
03000370	03	Trinity	Improve drainage system	Widening culverts and ditches throughout the jurisdiction	Liberty	12030202, 12030203, 12040202	
03000371	03	Trinity	Construct Bridge at Low-Water Crossing on Turkey Creek Trail.	This low water crossing is on a major east-west connector street that carries motorists from central Bridgeport to State Highway 114. By construction a bridge over Turkey Creek to replace the old low water crossing has the potential to save lives and reduce	Wise	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000368		Proposed		HMGP, Pre-Disaster Mitigation, County budget	No		More than a 1:4 cost-benefit ratio
03000369	120302021205	Proposed		HMGP, local operating budgets, PDM	No		Reduce damages to critical facilities and ensure continuity of critical services.
03000370		Proposed		USACE-Small Flood Control Projects, USDA NRCS-Emergency Watershed Protection Agency, TWDB (Development Fund II)-Texas Water Development Fund, USDA NRCS Watershed Protection	No		1:4 cost-benefit ratio
03000371		Proposed		General Fund, HMGP, PDM, Local funds, in-kind, donations	No		Cost effectiveness derived by preventing motorist from driving into a flooded low water crossing that has the potential for causing drowning or injury.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000372	03	Trinity	None	Improve drainage for storm water runoff on West South Street.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000373	03	Trinity	None	Purchase a mobile power generator to power water pumping and lift stations in power outages.	Parker	12030101, 12030102	
03000374	03	Trinity	None	Public awareness of NFIP & of availability and need of flood insurance	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000375	03	Trinity	Local Plans and Regulations	Coordinate with dam owners to attain proper inundation studies for dam safety and establish/implementation items which prove to be more cost efficient. Potentially obtain and utilize inundation software.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000376	03	Trinity	Purchase and install a storm siren system.	Paradise lacks a system for early warning. Purchasing and installing a storm siren would protect life and property in Paradise by warning residents of imminent hazardous events, including, but not limited to, severe weather.	Wise	12030101, 12030102, 12030103, 12030104	
03000377	03	Trinity	Create and Implement Long-Term Stormwater Management Program	City of Milford will develop and implement a long-term stormwater management program to plan for the collection, storage, and distribution of stormwater to mitigate flooding and drought.	Ellis	12030102, 12030105, 12030108, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000372	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000373		Proposed		Utility funds, mitigation grants	No		\$1,350,000
03000374	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Public awareness of flood insurance.
03000375		Proposed		Local Funds, State and Federal Grants	No		Improve risk assessment; reduce risk of damages or injuries through improved building standards; reduce risk of damages and injuries.
03000376		Proposed		General funds, HMGP, PDM, Local funds, donations, in-kind	No		Benefits of early warning systems outweigh the costs.
03000377		Proposed		HMGP, PDM, General fund, In-kind	No		To mitigate against flooding and drought.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000378	03	Trinity	Purchase equipment to better prepare the City of McKinney to recover from identified hazards.	Conduct tree debris removal.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03000379	03	Trinity	Conduct public education campaigns to insure Hunt County	Create and Implement a Public Education Program for Residents	Hunt	12030106, 12030107	120301060101, 120301060101, 120301060102, 120301070102
03000380	03	Trinity	Conduct public education campaigns to insure Hunt County	Adopt and promote public education program.	Hunt	12030106, 12030107	120301060101, 120301060101, 120301060102, 120301070102
03000381	03	Trinity	Structure and Infrastructure	Expand existing culverts to improve natural drainage and reduce minor flooding on campus	Houston	12030201, 12030202	
03000382	03	Trinity	Re-route County Road 2331	Re-route County Road 2331 to area not prone to flooding.	Liberty	12030202, 12030203, 12040202	
03000383	03	Trinity	Voluntary Buy-Out Program	The county and partnering jurisdictions will begin a voluntary buyout program for insured severe repetitive loss properties that are in the floodplain.	Walker	12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000378	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney Funds, Storm Water Fund	No		\$800,00
03000379	120301060101, 120301060101, 120301060102, 120301070102	Proposed		City Administration, Public Utilities Department	No		Using the Hunt County Hazard Mitigation Action Plan, the city of Quinlan can create public information programs to allow citizens to become aware of natural hazards in the City of Quinlan and what they can do to reduce these hazards.
03000380	120301060101, 120301060101, 120301060102, 120301070102	Proposed		General funds, State, federal grant funding	No		The public education program would target hazards identified in this plan, identify ways for the public to taken mitigating actions, and distribute mitigation information to residents. Awareness of local natural hazards and how to implement mitigation me
03000381		Proposed		HMGP, PDM, HMA	No		Reduce maintenance and removal of debris from waters coming out of banks during flash flooding; reduce risk to students and faculty by containing floodwaters.
03000382		Proposed		TxDOT, 406-Public Disaster Assistance, PDM, HMGP	No		1:4 cost-benefit ratio
03000383		Proposed		HMGP, FMA, Local budget	No		More than a 1:4 cost-benefit ratio

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000384	03	Trinity	None	Conduct Lower Hardisty drain improvements.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000385	03	Trinity	City wide citizen/business/city mitigation strategy planning	Encourage the development of public and private partnership with businesses, service organizations and other community groups to work together on mitigation	Henderson	12030105, 12030107, 12030201	
03000386	03	Trinity	Public education on hazards, resources, and mitigation projects	Educate the public on potential hazards they may face and also set a realistic understanding of what will be provided and when. This program will include information on natural hazard mitigation programs and private mitigation projects.	Denton	12030103, 12030104, 12030105	
03000387	03	Trinity	Structure and Infrastructure	Bury existing utility lines.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000388	03	Trinity	None	Utilize NOAA weather radios and social media to obtain latest weather information and for the quickest relay of school information to students, parents, staff and other concerned individuals.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000384		Proposed		Drainage bonds, hazard mitigation grants	No		\$15,000,000
03000385		Proposed		None listed	No		Low
03000386		Proposed		Urban Security Initiative; Budget, Donations	No		Mitigate the impacts of flooding and other hazards.
03000387	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time)	No		Reduce damages to infrastructure; Ensure continuity of critical services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations.
03000388	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		With increasing availability and use of the internet in rural areas, the use of social media for emergency notifications will be an effective means of communication with parents.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000389	03	Trinity	None	Turn Around Don't Drown Campaign. This is a campaign that would be aired through the media to educate people on the dangers of driving through floodwaters. Obtain additional barricades with special signage linked to "Turn Around, Don't Drown" log	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000390	03	Trinity	Education and Awareness	Add additional outdoor warning siren.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000391	03	Trinity	None	Build/install culverts underneath roads that are flooded frequently	Hood	12030102	120301020301, 120301020301
03000392	03	Trinity	None	Expand drainage pathways and clear any blockages	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000393	03	Trinity	Education and Awareness	Implement education and awareness program utilizing classrooms, social media, bulletins, flyers, etc. to educate students, parents and area residents of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and proper	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03000394	03	Trinity	None	Improve drainage in flood prone areas through flood studies and new drainage	Parker	12030101, 12030102	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000389	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000390		Proposed		Local Funds, State and Federal Grants	No		Reduce risk to citizens through improved communications and early warning.
03000391	120301020301, 120301020301	Proposed		Hazard mitigation grant, NRCS, Capital Budget	No		\$6 million
03000392	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To stop water from pooling.
03000393	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds (staff time)	No		Promote hazard awareness and protect students, parents and citizens from potential injuries and damages.
03000394		Proposed		Hazard mitigation grants, general fund, USDA grant	No		\$6,000,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000395	03	Trinity	Education and Awareness	Implement a flood awareness program by providing FEMA / NFIP materials to mortgage lenders, real estate agents and insurance agents and place them in local libraries.	Jack	12030101	
03000396	03	Trinity	None	Provide County Sheriff and local first responders with campus plans and information on sheltering locations within the school.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000397	03	Trinity	Local Plans and Regulations	Join the Community Rating System program.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03000398	03	Trinity	Maintain NFIP compliance, storm water management, and implement drainage projects.	Develop and implement a hazard/vulnerability assessment for personal properties and structures located in the floodplain.	Collin	12030103, 12030105, 12030106	
03000399	03	Trinity	None	Develop a Storm Drainage System. (NFIP)	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000400	03	Trinity	Structure and InfrastructureProject	Replace main outside doors on all buildingswith shatterproof glassand flood doors	Kaufman	12030105, 12030106, 12030107	
03000401	03	Trinity	First Responders Assistance by City	Assist local VFD with grant opportunities for needed resources	Henderson	12030105, 12030107, 12030201	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000395		Proposed		Local Funds (staff time)	No		Reduce flood risk through education and awareness; Increase flood insurance coverage.
03000396	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Disaster preparedness
03000397	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Reduce flood insurance premiums for local residents; Reduce flood risk and build resiliency.
03000398		Proposed		HMGF	No		The cost of the project is moderately inexpensive compared with the potential benefits of knowing where these structures are and their vulnerability. Identification of these properties and structures and their vulnerabilities is necessary to prioritize
03000399	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget, grants	No		Bailey does not have an organized storm drain system. The current system consists of a few old collapsed tin horns that forces the water to cover the streets
03000400		Proposed		HMGF	No		Reduce effects of hail, high winds, tornadoes, and flooding from doors that are not secure and do not properly close
03000401		Proposed		Grants	No		Medium

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000402	03	Trinity	None	Improve dam at Howard Lake to mitigate damage during flood events and provide another water source during drought events.	Hood	12030102	120301020301, 120301020301
03000403	03	Trinity	Local Plans and Regulations	Improve the flood risk assessment capabilities of the city: This will be done by conducting a review of the area in the four levee districts that would be inundated by a levee failure during a 100 year and 500 year, and standard project flood. Analyze al	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000404	03	Trinity	None	Prohibit the building of any new structures located down-stream of high hazard dams by amending the floodplain ordinance.	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03000405	03	Trinity	Structure and Infrastructure	Install box culvert, concrete pipe, or similar mechanism as needed to mitigate inadequate drainage and improve storm water capacity and conveyance.	Hardin	12030202	120302021205
03000406	03	Trinity	Garland Flood Warning System	Garland Flood Warning System	Dallas	12030105, 12030106	
03000407	03	Trinity	Promote Mitigation Public Education and Awareness Programs with resources to mitigate the impacts of each identified hazard.	Hazard public education and awareness materials will be distributed through social media and public outreach.	Denton	12030103, 12030104, 12030105	
03000408	03	Trinity	Public Information and Awareness	Purchase high water (flood) indicator for Bedia Creek Crossing.	Walker	12030202	
03000409	03	Trinity	None	Acquire all private property located within the Village Creek 100-year floodplain in the City of Kennedale.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000402	120301020301, 120301020301	Proposed		Local Funds, State/Federal Grants	No		\$6 million
03000403		Proposed		Local Funds, State and Federal Grants	No		Improve risk assessment; reduce risk of damages or injuries through improved building standards; reduce risk of damages and injuries.
03000404	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		No Costs	No		Amend the floodplain ordinance to not allow any new residential homes to be built in the dam inundation zone.
03000405	120302021205	Proposed		Operating budget, local funding, PDM, HMGP	No		Reduce flooding damage to structures and infrastructure and road inundation.
03000406		Proposed		Unknown	No		Unknown
03000407		Proposed		Fire Department	No		This will provide a community awareness campaign concerning the risks and consequences of natural hazards. Educate the public on the hazards, loss of life and property may be mitigated as they take steps to secure their property and respond to warnings.
03000408		Proposed		HMGP, PDM	No		More than a 1:4 cost-benefit ratio
03000409		Proposed		Flood Mitigation Assistance, city funds	No		\$30,000,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000410	03	Trinity	None	Increase the storm water detention capacity with the construction of structures such as Retention Pond / Dam/Flood Control Lakes. Possible Sites:•South side of Hwy 56, West of Baze residence•Southmayd Road near Ruth Campbell residence•On Deaver wh	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000411	03	Trinity	Create Drainage Master Plan	This action proposes creating a drainage master plan for the jurisdiction that will provide the jurisdiction with a comprehensive planning document that provides basic information and necessary guidance for the county-wide drainage system, including bu	Freestone	12030105, 12030108, 12030201	
03000412	03	Trinity	Roadway and Infrastructure maintenance	Locate roadways and properties prone to flooding due to heavy rainfall	Henderson	12030105, 12030107, 12030201	
03000413	03	Trinity	Local Plans and Regulations	Adopt an ordinance that will limit aerial extensions to water, sewer, gas and electrical lines.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000414	03	Trinity	City of Kemp Warning Sirens	City of Kemp Warning Sirens	Kaufman	12030107	
03000415	03	Trinity	None	Expand and enhance current code standards for building and fire codes.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000410	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000411		Proposed		County, Cities, FEMA BRIC, FEMA FMA, FEMA HMGP, CDBG-MIT	No		None listed
03000412		Proposed		Grants	No		Medium
03000413	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time)	No		Reduce damages to infrastructure; Ensure continuity of critical services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations; Reduce risk of sewer infiltration and flood wa
03000414		Proposed		Unknown	No		Unknown
03000415		Proposed		General fund, city funding for staff time	No		\$30,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000416	03	Trinity	Engineering study	Engineering study for drainage improvements.	Liberty	12030202, 12030203, 12040202	
03000417	03	Trinity	Structure and Infrastructure	Acquire and install generator with hard wired quick connections at the Rowlett Community Center.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000418	03	Trinity	None	Harden of critical facilities	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03000419	03	Trinity	Structure and Infrastructure	Upgrade undersized stormwater drains and culverts.	Jack	12030101	
03000420	03	Trinity	None	Purchase and place NOAA weather radios in existing special facilities such as churches, schools and high population buildings.	Limestone	12030108, 12030201	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102
03000421	03	Trinity	Structure and Infrastructure, Natural Systems Protection	Conduct stream bank erosion studies: conduct a study to identify vulnerability to stream bank erosion. Identify and implement cost effective actions.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000422	03	Trinity	Local Plans and Regulations; Structure and Infrastructure	Provide / construct additional means of access into single-entry neighborhoods; Update subdivision codes for a higher level of ingress and egress.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000416		Proposed		HMGP, PDM	No		1:4 cost-benefit ratio
03000417		Proposed		Local Funds, HMGP, CDBG, Bond Funding	No		Provide power for critical facilities during power outages and ensure continuity of critical services.
03000418	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants, General Fund	No		Keeps critical facilities functioning which are vital to saving lives and preventing property damage.
03000419		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood damages through improved drainage capacity; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood event
03000420	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102	Proposed		Grants	No		Public safety; early alerting of the public
03000421		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP)	No		Reduce losses related to flooding
03000422	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce risk to residents through improved evacuation alternatives; Improve firefighting capabilities through improved access alternatives.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000423	03	Trinity	Partner with the county and other jurisdictions to hire a consultant to complete inundation studies of all high and moderate hazard dams within the county.	Identify all structures and infrastructures in Oak Leaf that would be impacted by a potential dam failure.	Ellis	12030102, 12030105, 12030108, 12030109	
03000424	03	Trinity	Education and Awareness	Implement education and awareness program utilizing media, social media, bulletins, flyers, etc. to educate citizens of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damages.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000425	03	Trinity	Education and Awareness	Implement education and awareness program utilizing media, social media, bulletins, flyers, etc. to educate citizens of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damages.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000426	03	Trinity	Structure and Infrastructure	Install quick emergency generator hook-ups for critical county facilities.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000423		Proposed		HMGP, Watershed Authorities, dam sponsors, local sponsors, in-kind	No		Protect existing and new properties from the effects of all natural hazards.
03000424	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time), State and Federal Grants	No		Promote hazard awareness and protect citizens from potential injuries and damages
03000425		Proposed		Local Funds (staff time), State and Federal Grants	No		Promote hazard awareness and protect citizens from potential injuries and damages.
03000426	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		HMGP & other grant funds	No		Reduce time to hardwire backup generators that could be critical during and following a disaster.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000427	03	Trinity	None	As development and construction continue, keep waterways clean and clear of obstruction for proper flow. Continued upkeep for erosion control and water flow.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000428	03	Trinity	Education and Awareness	Develop alternative evacuation routes / plans and designate emergency thoroughfares, particularly in areas with limited capacity. Educate citizens on evacuation routes and procedures	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000429	03	Trinity	Education and Awareness	Procure and install additional weather station for use by Parks, Public Works and Emergency Management in warning and mitigation decisions.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000430	03	Trinity	Local Plans and Regulations	Implement program to clear debris from flood-prone areas, bridges, drains and culverts to prevent overtopping and backup during flash floods.	Houston	12030201, 12030202	
03000431	03	Trinity	Improve the City of Grand Prairie's capability to mitigate against flood events	Continue to evaluate and/or relocate/acquire structures that could be affected by flooding.	Ellis, Tarrant, Dallas	12030102	
03000432	03	Trinity	None	Replace aging generator at City Hall.	Parker	12030101, 12030102	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000427	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000428	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce risk to residents through improved evacuation alternatives and awareness efforts.
03000429		Proposed		Local Funds, HMGP, State and Federal Grants	No		Sandy Lake @ Royal; Royal @ W. Bethel; Rolling Oaks@ 400 Freeport Pkwy; Freeport andWrangler; Denton Tap @ Bethel School; Beltline @ Moore; Sandy Lake @ Moore; Fire Station 2@ 366 S. MacArthur Blvd.
03000430		Proposed		City	No		Reduce minor flooding of structures in SFHAs
03000431		Proposed		City budget, grants Hazard Mitigation Grant Program HUD CDBG	No		\$250,000
03000432		Proposed		General funds, mitigation grants	No		\$1,284,002

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000433	03	Trinity	Structure and Infrastructure	Relocate critical facilities out of high hazard areas.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000434	03	Trinity	None	Develop a hazard awareness program for the citizens of Colleyville. Provide educational material about the mitigation strategies for each hazard and develop a social media campaign.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000435	03	Trinity	Structure and Infrastructure	Seek funding and construct centralized shelters of last resort within the City of Kountze that are elevated out of the flood prone area and designed for appropriate wind load in coordination with the Texas Safe Shelter Initiative.	Hardin	12030202	120302021205
03000436	03	Trinity	Local Plans and Regulations; Structure and Infrastructure	Provide / construct additional means of access into single-entry neighborhoods; Update subdivision codes for a higher level of ingress and egress.	Montague	12030101, 12030103, 12030104	
03000437	03	Trinity	None	Purchase and install a backup generator for the Navasota Intermediate School for sheltering	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03000438	03	Trinity	Education and Awareness	Develop and implement a public education program to educate residents of the risk of dam failure, actions to reduce risk, and evacuation routes and procedures for residents downstream of the Sam Rayburn Dam and the Toleda Bend Dam in the event of a dam f	Hardin	12030202	120302021205

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000433	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of damages to structures; Ensure continuity of critical services; Reduce risk of injuries to critical service employees.
03000434		Proposed		City budget, grants	No		\$30,000
03000435	120302021205	Proposed		HMGP, TDEM, local operating budgets	No		Reduce risk to residents; reduce on-going repair cost; continue essential utility services during severe weather event; and reduce disaster response time. Public safety and protection for special needs populations.
03000436		Proposed		Local Funds, State and Federal Grants	No		Reduce risk to residents through improved evacuation alternatives; Improve firefighting capabilities through improved access alternatives
03000437	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		Enhance the safety for the citizens by providing a sheltering location with appropriate power. This location can also be used to assist medical special needs with medical equipment that may need electrical power. This facility could also be used as an ov
03000438	120302021205	Proposed		HMGP, PDM, other grants	No		Reduce loss of life

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000439	03	Trinity	None	Public Awareness of problem areas if any. Have a place for people to go in case of flooded house.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000440	03	Trinity	Construction of Drainage Solution for Kate Barr Ross Park	Drainage project for Kate Barr Ross Park, which is designated as a staging area for National Guard and Utility companies during large-scale hazard events. The current drainage system is insufficient and results in flooding within the park.	Walker	12030202	120302020801, 120302020802, 120302020805
03000441	03	Trinity	Structure and Infrastructure	Flood-proof sewage treatment plants in flood hazard / low-lying areas.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03000442	03	Trinity	Structure and Infrastructure	Resurface high school parking lot with more formidable material such as Geotextile Crack Retardant fabric for more effective use during evacuation.	Houston	12030201, 12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000439	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000440	120302020801, 120302020802, 120302020805	Proposed		FEMA Hazard Mitigation Assistance Grants, City Funds	No		Due to the lack of structures within the park, a highly detailed cost-benefit analysis would be necessary to prove cost-effectiveness.
03000441	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood water contamination; Reduce risk of surface water infiltration and sewage backup; Ensure continuity of critical services.
03000442		Proposed		HMGP Grants	No		Reduce cost to continually repair heavily traveled parking lot following heavy rainfall by resurfacing with improved materials to extend life to 15 years opposed to standard 2-year servicelife; improve driving conditions during evacuation.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000443	03	Trinity	Purchase and Install automatic gates at low water crossings	Automatic flood gates would be purchased and installed at low water crossings across the City. These would prevent vehicle travel across roads, protecting lives and property	Kaufman, Rockwall, Collin, Denton, Dallas	12030102, 12030103, 12030105, 12030106	
03000444	03	Trinity	Structure and InfrastructureProject	Install siren notification systemfor disasters, including dam failure of Kemp Lake Dam	Kaufman	12030105, 12030106, 12030107	
03000445	03	Trinity	Protect existing and new properties from the effects of all natural hazards.	Develop and implement regulations for the construction of town buildings deemed "critical infrastructure".	Collin	12030103, 12030105, 12030106	
03000446	03	Trinity	Acquire Mobile CASA-Weather Radar for large incidents and events.	The mobile radar could be used to supplement the existing NCTCOG CASA-WX Radar in the event a radar site was lost due to technical difficulties and or storm damage, additionally the mobile system could also be used for large scale events and incidents.	Denton	12030103, 12030104, 12030105	
03000447	03	Trinity	Financial audit for Mitigation grants	Seek financial audit for grant eligibility to obtain mitigation grants	Henderson	12030105, 12030107, 12030201	
03000448	03	Trinity	Early Warning and Public Notification	Check the location and condition of warning sirens, if repairs are needed, determine cost and make an appropriate recommendation to the governing body	Henderson	12030105, 12030107, 12030201	
03000449	03	Trinity	Structure and InfrastructureProject	Install quick connect emergency generator hook-ups for other essential facilities	Kaufman	12030105, 12030106, 12030107	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000443		Proposed		HMGP, FMA	No		Flood gates prevent individuals from traveling through high water, saving lives.
03000444		Proposed		HMGP	No		Increase response time for residents to evacuate or shelter in place during disasters
03000445		Proposed		Operating Budget, NCTCOG/FEMA	No		Town will develop and implement construction design regulations for new Critical Infrastructure, as defined by the EMC. Regulations would include elevating structures, reinforcing doors and windows, using flame-retardant, hail and wind resistant external
03000446		Proposed		Mitigation grants; Budget	No		The higher resolution data and the derived products help to protect lives and property through education and response activities.
03000447		Proposed		City Budget/Grants	No		Medium
03000448		Proposed		City Budget	No		High
03000449		Proposed		HMGP, grants	No		Reduce time to hardwire backup generators during and following disaster events; reduce response time to disaster situations; maintain essential services to residents

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000450	03	Trinity	None	Install French drains around city owned structures.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000451	03	Trinity	Elevate Shady Shores Rd to reduce future loss to due to flooding.	Shady Shores road is a main road located in the Town of Shady Shores that connects to Lake Dallas along Lewisville Lake connecting residents and business. The road continues to flood during severe storms and when the lake rises above conservation pool of	Denton	12030103, 12030104, 12030105	
03000452	03	Trinity	Local Plans and Regulations; Structure and Infrastructure	Adopt smart growth initiatives. Incorporate a formal hazard mitigation plan in long-term community development planning activities.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03000453	03	Trinity	None	Development of emergency action plans.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000454	03	Trinity	None	Restore areas that have been washed away and stabilize riverbank in Taylor Lake Estates subdivision.	Polk	12030202	
03000455	03	Trinity	None	Implement the use of porous pavement, pavers, bio swales, rain gardens, tree trenches, Smartscape, vegetative buffers, trees, and islands in and around large parking areas, roads, buildings, and public rights-or-way and easements.	Parker	12030101, 12030102	
03000456	03	Trinity	None	Improve, and/or expand storm water systems, as needed, to prevent damage to critical facilities, infrastructure, and property	Johnson	12030102, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000450	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To ensure that water doesn't pool around foundations.
03000451		Proposed		HMGP, general fund, local funds, donations, in-kind, grants	No		To reduce vulnerability to flooding.
03000452	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Reduce risk in high hazard areas by promoting and incentivizing development in low risk areas; Build resiliency within the community; Reduce risk of damages through improved planning and construction practices.
03000453	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Grants	No		Mitigate potential harm from dam failure.
03000454		Proposed		HMGP, FMA, budget, EWP grant funding	No		None listed
03000455		Proposed		General fund, grants	No		\$150,000
03000456		Proposed		County, Hazard Mitigation Assistance, Community Development Block Grant, others to identified	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000457	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Denton	12030103, 12030104, 12030105	
03000458	03	Trinity	Provide training to campus and building administration.	Conduct safety audit at all facilities.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03000459	03	Trinity	None	Frequent flooding issues (two to three times per year) of Choctaw Creek crossing with Davenport Rd. (Precinct 1). The flooding events block the only access for emergency vehicles and homeowners of eight or nine homes.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000457		Proposed		HMPG, Water Shed Authorities, Dam Sponsors, Local Sponsors, In-Kind	No		Protect existing and new properties from the effects of all natural hazards.
03000458	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		McKinney ISD, General fund	No		\$200,000
03000459	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000460	03	Trinity	Improve Public Warning/Notification System	The City of Groveton & Trinity will implement, upgrade, expand, and integrate digital methods for storm notification to include all methods of communication including: cell phones, text messages, land-lines, internet networking sites, television, and rad	Trinity	12030202	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103
03000461	03	Trinity	Adopt, implement, and enforce International Residential Code	Garrett would mandate requirements consistent with the International Residential Code for all new construction.	Ellis	12030102, 12030105, 12030108, 12030109	
03000462	03	Trinity	Local Plans and Regulations	Develop and implement county-wide pre-disaster debris removal contracts with school districts and hospitals	Kaufman	12030105, 12030106, 12030107	
03000463	03	Trinity	None	Retrofit larger ditches and bigger culverts to alleviate the problem of flooding due to storm water runoff.	Leon	12030201, 12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000460	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103	Proposed		City of Groveton, FEMA HMGP	No		Existing and future population
03000461		Proposed		Local funds, general fund, in-kind	No		This action will provide information concerning natural hazard mitigation that can be incorporated into existing buildings. This action will require practices that mitigate natural hazards to be incorporated into new construction
03000462		Proposed		Local Revenue	No		Reduce lost revenue post-disaster by expediting debris removal from public right of ways and property; maximize FEMA reimbursements in post-disaster federal declarations
03000463		Proposed		Generla revenue, grants	No		Reduce environmental problems due to erosion and stormwater runoff and reduce flood risks

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000464	03	Trinity	None	Acquire homes located in the identified flood hazard are	Leon	12030201, 12030202	
03000465	03	Trinity	None	Implement most current building codes to protect against these identified hazards.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000466	03	Trinity	Construction of Flood Mitigation Solutions for Forest Hill	Construction of underground drainage structure storage solutions that will alleviate flooding along Eastham Drive within the Forest Hill Subdivision.	Walker	12030202	120302020801, 120302020802, 120302020805
03000467	03	Trinity	Wolf Creek Lake Dam Improvements	Wolf Creek Lake Dam is a 28-foot high earthen dam with a normal capacity of 252 acre-feet and a crested spillway that discharges to the tributary system of Bassett Creek, within the Trinity River Basin	Anderson	12030105, 12030201	
03000468	03	Trinity	Structure and Infrastructure	Develop program to annually weakened and/or dead trees in vicinity of school buildings on all campuses to prevent toppling during severe weather events.	Houston	12030201, 12030202	
03000469	03	Trinity	None	Upgrade floodplain-area roads and drainage to reduce flooding.	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03000470	03	Trinity	Structure and Infrastructure	Dredge the retention ponds along the creeks within the City to remove silt buildup and increase the pond's storage capacity.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000464		Proposed		FEMA Hazard Mitigation Grant Program	No		Removal of structures from the flood plain can save lives and reduce property damage from floods, hurricanes, and thunderstorms
03000465		Proposed		General fund, hazard mitigation grants	No		\$30,000
03000466	120302020801, 120302020802, 120302020805	Proposed		FEMA Hazard Mitigation Assistance Grants, City Funds	No		Due to the high number of structures that are impacted by flooding within this subdivision, this action could be cost-effective.
03000467		Proposed		No cost listed	No		None listed
03000468		Proposed		HMGP Grants	No		Reduce risk to students and faculty from falling trees during wildfire and other severe weather events; reduce potential damage to high school and adjacent buildings in the event of toppling
03000469	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grant funds	No		Reduction in loss of life, property, health, and safety.
03000470		Proposed		Local Funds, HMGP, other funding sources	No		Increase storage capacity of ponds and reduce flood risk to properties located along and adjacent to the creeks.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000471	03	Trinity	Drainage improvements to mitigate future flash and lake flooding problems reducing the loss of life and property.	Drainage improvements to mitigate future flash and lake flooding problems reducing the loss of life and property.	Denton	12030103, 12030104, 12030105	
03000472	03	Trinity	Develop and implement building codes that would mitigate hazard-related damage on structures and their occupants.	Includes increased elevation (BFE) standards for flooding. Also, additional codes for dry-proofing for public buildings to mitigate flood and dam failure.	Denton	12030103, 12030104, 12030105	
03000473	03	Trinity	Structure and Infrastructure Project	Increased size of drainage culverts in areas prone to flooding or areas with minimal drainage capability	Kaufman	12030105, 12030106, 12030107	
03000474	03	Trinity	Local Plans and Regulations	Conduct a Flood Protection Study to determine the most appropriate mitigation actions to alleviate the inundation of multiple arterial thoroughfares near Long Branch of Muddy Creek.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000475	03	Trinity	None	Increase and maintain existing drainage pathways and clear any blockages	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000476	03	Trinity	Adopt, implement, and enforce International Residential Code	Bardwell would mandate requirements consistent with the International Residential Code for all new construction.	Ellis	12030102, 12030105, 12030108, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000471		Proposed		HMPG, General fund, local funds, donations, in-kind grants	No		Areas within the town such as culverts, roads, creek/streams, and parks continue to experience drainage problems due to flash flooding from severe weather and saturation from lake flooding. Installing these controls will reduce drainage problems and red
03000472		Proposed		General fund, local funds, donations, in-kind	No		New building codes would help to promote better building standards throughout City of Krum
03000473		Proposed		HMGP, Local Revenue, Grants	No		Reduce potential for flooding area structures adjacent to inadequate ditches and waterways
03000474		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of damages or injuries from flooding.
03000475	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Stop water from pooling.
03000476		Proposed		Local funds, general fund, in-kind	No		This action will provide information concerning natural hazard mitigation that can be incorporated into existing buildings. It will require practices that mitigate natural hazards to be incorporated into new construction

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000477	03	Trinity	None	Community Outreach and Education	Limestone	12030108, 12030201	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102
03000478	03	Trinity	Education and Awareness	Expand education and awareness program utilizing media, social media, bulletins, flyers, etc. to educate citizens of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damages.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000479	03	Trinity	Village of Rosser Warning Sirens	Village of Rosser Warning Sirens	Kaufman	12030105	
03000480	03	Trinity	None	Require the use of porous pavement, rain gardens, Smartscape, vegetation buffers, and/or trees during new development in and around buildings, roads, public rights-of-way, parking lots, and easements.	Parker	12030101, 12030102	
03000481	03	Trinity	None	Enhance high water warning system by adding automatic gates on the streets that normally flood.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000482	03	Trinity	Promote the use of early warning systems.	Increase the ability of residents and businesses of Union Valley to receive early warning from the National Weather Service. This would be accomplished by using grant funding to help purchase and distribute NOAA weather radios to vulnerable populations a	Hunt	12030106, 12030107	120301060101, 120301060101, 120301060102, 120301070102
03000483	03	Trinity	Structure and Infrastructure	Bury existing overhead utilities to reduce impact to critical infrastructure and vulnerable residents.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000477	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102	Proposed		FEMA mitigation grants	No		Educating residents on how to protect their homes against floods can save lives. Examples include information about the National Flood Insurance Program (NFIP) and home elevation/acquisition mitigation grants.
03000478		Proposed		Local Funds (staff time), State and Federal Grants	No		Promote hazard awareness and protect citizens from potential injuries and damages.
03000479		Proposed		Unknown	No		Unknown
03000480		Proposed		Capital Project Fund, Company Construction Expense, grants	No		\$120,000
03000481		Proposed		City budget, grants	No		\$90,000
03000482	120301060101, 120301060101, 120301060102, 120301070102	Proposed		General funds, federal grants, state grants	No		Advanced warning allows citizen to respond to natural hazards with more time to prevent loss of life and property damage.
03000483		Proposed		Local funds, State and Federal Grants	No		Reduce damages to infrastructure; Ensure continuity of critical services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000484	03	Trinity	None	Multi-jurisdictional cooperation within the watershed	Johnson	12030102, 12030109	
03000485	03	Trinity	None	Enlarge culvert on MLK at Buckshot Ave.	Polk	12030202	
03000486	03	Trinity	Increase citizen awareness of preparing for identified hazards	Educate homeowners during Fire Prevention Month (October)	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03000487	03	Trinity	Education and Awareness	Participate and maintain StormReady Community designation in partnership with the National Weather Service.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000488	03	Trinity	Local Plans and Regulations--Response and Recovery	Create and execute plan for providing temporary shelters (post-emergency shelter) for citizens affected by natural disasters that result in the loss of or inability to return to their homes. Standby contracts for assistance are one option that will be co	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000489	03	Trinity	Installation of Hardened Communications Tower	Install hardened communications tower and necessary hardware and software for fire stations 1 and 4 in order to maintain continuity of critical services. This infrastructure project will be accomplished with the intent of ensuring resiliency against natu	Walker	12030202	120302020801, 120302020802, 120302020805

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000484		Proposed		University, others to be identified	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03000485		Proposed		HMGP, PDM, FMA, CDBG, budget	No		None listed
03000486	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney funds	No		\$8,000
03000487		Proposed		Hazard Mitigation Grants, general obligations bonding, city budget	No		Reduce risk to citizens by educating the public on how to prepare for hazards and disasters.
03000488		Proposed		Local Funds, State and Federal Grants	No		The city currently has plans for emergency shelters in place. However, plans for temporary housing are not as extensive.
03000489	120302020801, 120302020802, 120302020805	Proposed		FEMA Hazard Mitigation Assistance Grants, City Funds, Other grant programs supporting fire departments	No		When the number of citizens served is calculated, their access to services and government function may result in a cost-effective project.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000490	03	Trinity	Structure and Infrastructure	Installation of grouted rip rock and regaining of bank areas in Lakecrest II, Meadowlark, Blue Quail, and Bob White Street along Chiesa Stream	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000491	03	Trinity	None	Update floodplain mapping	Johnson	12030102, 12030109	
03000492	03	Trinity	None	Per NFIP participation, the acquisition of structures located in the 100-year flood plain and in dam inundation areas.	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03000493	03	Trinity	Structure and Infrastructure, Natural Systems Protection	Conduct creek and stream bank erosion studies: conduct a study to identify vulnerability to stream bank erosion. Identify and implement cost effective actions.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000494	03	Trinity	Develop and Implement a City flood protection ordinance.	The City will develop ordinances that regulate development in the floodplain.	Denton	12030103, 12030104, 12030105	
03000495	03	Trinity	NCTCOG Individual Safe Room Rebate Program	NCTCOG Individual Safe Room Rebate Program	Tarrant	12030101, 12030102, 12030103, 12030104	
03000496	03	Trinity	Education and Awareness	Conduct countywide outreach to educate residents on flood hazards, mitigation techniques and promote availability of NFIP flood insurance	Kaufman	12030105, 12030106, 12030107	
03000497	03	Trinity	Arlington	Arlington Stream Gauge Improvements	Tarrant	12030102	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000490		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of damages and injuries.
03000491		Proposed		To be identified	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03000492	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		FEMA Hazard Mitigation Grants	No		Permanent removal of structures in floodplains can prevent property damage and save people's lives.
03000493		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP)	No		Reduce losses related to flooding.
03000494		Proposed		None listed	No		To reduce the vulnerability to flooding.
03000495		Proposed		Unknown	No		Unknown
03000496		Proposed		General Fund	No		Reduce risk to properties throughout county from flood, reduce financial risk to residents from flood disaster
03000497		Proposed		Unknown	No		Unknown

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000498	03	Trinity	None	Flood control lakes.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000499	03	Trinity	Harden and Expand Ambulance Service	Harden and expand the office and facilities for the Winnie area.	Chambers	12030203, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306
03000500	03	Trinity	Update Topographic Maps	Purchase updated topographic maps/complete LiDAR aerial survey for drainage plan.	Liberty	12030202, 12030203, 12040202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000498	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000499	120302030202, 120302030203, 120302030204, 120302030304, 120302030306	Proposed		Winnie ESD (Ambulance Service) project	No		Avoid losses to Residents and visitors who are affected by a natural hazard
03000500		Proposed		FEMA-Map Modernization Program, FEMA-Flood Hazard Mapping Program, Department of the Interior, United States Geological Survey- Mapping Standards Support, FEMA-Flood Recovery Mapping, PDM, HMGP	No		More than a 1:4 cost-benefit ratio

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000501	03	Trinity	None	Enforce updated requirements to ensure standard tie-down of mobile homes.	Limestone	12030108, 12030201	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102
03000502	03	Trinity	Countywide Drainage Study	Kaufman County is requesting financial assistance to create their first ever countywide drainage study.	Kaufman	12010001, 12030105, 12030106, 12030107	
03000503	03	Trinity	None	Provide flood mitigation risk mapping materials for property owners in floodplains.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000504	03	Trinity	Education and Awareness	Purchase and install weather service activation link as an emergency public warning system and conduct outreach to increase public awareness of potential dangers	Kaufman	12030105, 12030106, 12030107	
03000505	03	Trinity	Structure and Infrastructure	Install backup generators at critical facilities and shelters throughout county.	Houston	12030201, 12030202	
03000506	03	Trinity	Structure and Infrastructure	Acquire and install generators with hard wired quick connections at all critical facilities.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03000507	03	Trinity	Improve the City of Grand Prairie's capability to mitigate against flood events	Design, construct, and maintain drainage improvement projects, including channelization projects for Cottonwood Creek, Fish Creek, Johnson Creek, Cedar Creek, Bear Creek, Dalworth Creek, Mountain Creek, Gopher-Turner Creek, Alspaugh Branch, West Fork of	Ellis, Tarrant, Dallas	12030102	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000501	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102	Proposed		FEMA mitigation grants, DHS grants, general revenues	No		A strict enforcement of tie-downs on mobile homes would help protect property and lives in high winds and/or tornadoes.
03000502		Proposed		Unknown	No		Unknown
03000503		Proposed		City budget, hazard mitigation grants	No		\$9,000-\$12,000
03000504		Proposed		HMGP	No		Increase warning time and reduce loss of lives and property to residents during disaster and severe weather events
03000505		Proposed		Grants	No		Assurance that critical buildings will have emergency backup power.
03000506	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds (staff time), State and Federal Grants	No		Provide power for critical facilities during power outages and ensure continuity of critical services.
03000507		Proposed		City budget and federal funding FEMA Hazard Mitigation Grant Program, TWDB FPP grant, USACE grant	No		\$100,000,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000508	03	Trinity	None	Amend floodplain ordinance to require additional 24 inches of freeboard to any new construction in the 100-year floodplain.	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03000509	03	Trinity	Develop public education campaigns to disseminate information about actions to mitigate potential loss of life, injuries and property damage resulting from natural hazards.	Develop and implement a public education program regarding resources to mitigate identified natural hazards that threaten Frisco.	Collin	12030103, 12030105, 12030106	
03000510	03	Trinity	Education and Awareness	Conduct public outreach to parents of student body and ISD district regarding ISD evacuation and safety procedure policies	Kaufman	12030105, 12030106, 12030107	
03000511	03	Trinity	Adopt and enforce the most recent version of the International Residential Code requirements for new construction to ensure higher building standards	Adoption, implementation and enforcement of International Residential Building Codes is a good way to reduce or eliminate the loss of life and impacts to property through more stringent building codes. These measures include hail-resistant roofing and wind	Wise	12030101, 12030102, 12030103, 12030104	
03000512	03	Trinity	Structure and Infrastructure	Widen and reinforce critical bridges throughout the town to assist evacuation.	Hardin	12030202	120302021205
03000513	03	Trinity	None	Train all first responders on dam failure awareness, mitigation, and response.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000514	03	Trinity	Anderson County Projects	Hold annual Storm Spotter's classes to educate the public about the danger of storms and to inform residents of mitigation actions to reduce risk to citizens, public infrastructure, private property owners, businesses and schools.	Anderson	12030105, 12030201	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000508	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		No Costs	No		Saves lives by requiring new structures in the floodplain to be built 24 inches above the current Base Flood Elevation.
03000509		Proposed		General Fund	No		This public education program would be based on the hazards that the City of Frisco identified. The program would use a combination of distributed literature, social media, and civic presentations to educate residents on natural hazards and promote hazard
03000510		Proposed		General Fund	No		Promote safety and evacuation procedures to expedite evacuation and safety measures during disasters
03000511		Proposed		City budget, general fund	No		The cost of this project is low compared to the potential benefits of reducing the effects of natural hazards.
03000512	120302021205	Proposed		PDM, HMGP, State and Federal Highway Departments	No		Facilitate evacuation and emergency response.
03000513		Proposed		City budget, hazard mitigation grants, Homeland Security Grant Program	No		\$60,000
03000514		Proposed		No cost listed	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000515	03	Trinity	None	Purchase a backup generator to power Water Well Number 4(city's second main water well) during a power outage.	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03000516	03	Trinity	None	Add additional radio frequencies to enhance the City of Haslet Emergency Operations Center (EOC) by adding communications capabilities.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000517	03	Trinity	Improve City of McKinney's capability to prepare for, respond to, and recover from flood events.	Evaluate the City's storm water/floodplain facilities (e.g., dry and wet ponds) to address deficiencies.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03000518	03	Trinity	Property Protection, Structural Project	Replace and relocate Fire Station 1	Liberty	12030202, 12030203, 12040202	
03000519	03	Trinity	Education and Awareness	Public Awareness and Education of Vulnerable Population through creation of a database and alert system whereby public information protection actions can be disseminated.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000520	03	Trinity	Trinity River Mid-Basin Watershed Study Phase II	Update to floodplain mapping for use in planning and risk reduction	Houston, Freestone, Anderson, Walker, Madison, Trinity, Leon, Grimes	12030201, 12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000515	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		Enhance safety of population by helping ensure continued power supplies in emergency situations.
03000516		Proposed		City budget, city funding	No		\$2,160,000
03000517	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney Funds	No		\$500,00
03000518		Proposed		General Fund, EDC, FEMA, Homeland Security, Grants, HMGP, PDM	No		More than a 1:4 cost-benefit ratio
03000519	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Area Agency on Aging and Disabilities, Federal grants	No		Expedient access to and ability to communicate with those individuals, nursing homes, assisted living centers, hospitals and others who are most at risk during extreme hazard events.
03000520		Ongoing		FIF	No		Trinity River Mid-Basin Watershed Study Phase II

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000521	03	Trinity	Structure and Infrastructure, Natural Systems Protection	Improve and Enhance Storm Water Draining capabilities to prevent flooding in flood prone areas.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000522	03	Trinity	Increase public awareness of natural hazards at City of McKinney parks, recreation, and open areas (PROS	Implement a public awareness campaign at all City of McKinney parks, recreation, and open areas.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03000523	03	Trinity	Education and Awareness- Response	Expand and maintain training opportunities for first responders.	Hardin	12030202	120302021205
03000524	03	Trinity	Purchase and Install Flood Warning Systems in Key Areas Along Timber Creek.	Purchase and Install Flood Warning Systems in Key Areas Along Timber Creek to monitor flood conditions	Denton	12030103, 12030104, 12030105	
03000525	03	Trinity	Construct Storm Drainage Infrastructure	This action proposes constructing new storm drainage infrastructure and / or improving existing infrastructure to reduce the potential impacts of future flood events.	Leon	12030201, 12030202	
03000526	03	Trinity	None	Acquire and utilize a NOAA Weather Radio	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000521		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP), Capital Improvement Program (CIP)	No		Reduce the effects of flooding
03000522	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney funds	No		\$2,500
03000523	120302021205	Proposed		PDM, HMGP, GLO, other grants	No		Improve knowledge and coordination of emergency responders.
03000524		Proposed		HMGP, PDM, local funds, donations, in-kind match, public/private partnerships	No		Using land zoning and building codes to mitigate structures from the effects of flood waters saves lives and time and frees up time for first responders to tend to other people.
03000525		Proposed		County, FEMA FMA, FEMA PDM, FEMA HMGP	No		None listed
03000526	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To provide quicker and more localized emergency weather notifications.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000527	03	Trinity	Structure and Infrastructure, Natural Systems Protection (vacant land)	Adopt and implement Dallas County Open Space System Program and Dallas Trails Program. Such a program will include techniques such as developing open space reuse, and preservation planning targeting hazard areas. These programs will seek to	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000528	03	Trinity	Develop and Implement a City flood protection ordinance.	The City will develop ordinances that regulate development in the floodplain to stricter standards.	Denton	12030103, 12030104, 12030105	
03000529	03	Trinity	None	Purchase and install a technological based high water detection system for low water crossings to mitigate the hazards when the location floods.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000530	03	Trinity	Structure and Infrastructure	Conduct Stream Bank Erosion Studies: Conduct a study to identify the vulnerability to stream bank erosion due to flood events. Identify and implement cost-effective action items.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000531	03	Trinity	None	Expand storm water drains to accommodate more flood flows.	Madison	12030202	
03000532	03	Trinity	Structure and Infrastructure	Raise electrical components of sewage lift stations above the Base Flood Elevation (BFE).	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000527		Proposed		Local Funds, State and Federal Grants, Dallas County Planning and Development	No		Eliminate risk of flood damages to high risk structures and prevent future losses in high risk flood hazard areas; Reduce downstream impacts associated with development in the floodplain; Reduce risk of injuries to citizens; Reduce burden on emergency se
03000528		Proposed		Budget	No		Reduction of flooding vulnerability.
03000529		Proposed		Hazard mitigation grants, city budget	No		\$1,800,000
03000530		Proposed		Local Funds, State and Federal Grants	No		The citycurrently hasa large amount of information on vulnerability to this threat. Identifying high risk areas and identifying / implementing effective mitigation actions will reduce impacts to structures and infrastructure in the impacted area.
03000531		Proposed		General revenue	No		Will help keep flooding within the city to a minimum.
03000532	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood water contamination; Reduce risk of surface water infiltration and sewage backup; Ensure continuity of critical services.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000533	03	Trinity	Structure and Infrastructure	Retrofit Emergency Operations Center to improve technological capabilities for monitoring, recording, and responding to disasters.	Houston	12030201, 12030202	
03000534	03	Trinity	Infrastructure Improvement	Seek improvements for city streets and drainage through cleaning roadside ditches and replacement or implementation of infrastructure	Henderson	12030105, 12030107, 12030201	
03000535	03	Trinity	Dallas County Inland Port HUC 10 Flood Protection Planning Study	Dallas County Inland Port Flood Protection Planning Study for use in planning and risk reduction	Dallas	12030105	
03000536	03	Trinity	None	Regular maintenance, such as sediment and debris clearance.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000537	03	Trinity	None	Acquire required infrastructure and equipment (communication devices, heavy equipment to clear up debris, siren warning system, search and rescue equipment, barricades) to prevent/respond to emergency	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000538	03	Trinity	Education and Awareness	Encourage purchase and use of NOAA all-hazard radios by residents, businesses, faith-based groups, and other large meeting areas.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000533		Proposed		Grants	No		Better execution of emergency response due to improved technology.
03000534		Proposed		City Budget	No		Low
03000535		Ongoing		FIF	No		Dallas County Inland Port Flood Protection Planning Study
03000536	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Will allow for a stream or waterway to carry out its designed function.
03000537	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000538		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of damages to structures through improved construction techniques; Reduce recovery efforts for the community after an event; Reduce risk of injury or fatality to citizens

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000539	03	Trinity	Reduce or eliminate loss of life, injuries and property damage resulting from severe weather events.	Increase outdoor warning siren coverage for new development areas.	Collin	12030103, 12030105, 12030106	
03000540	03	Trinity	Improve City of McKinney's capability to prepare for, respond to, and recover from flood events.	Assess structures located within the City's floodplain.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03000541	03	Trinity	None	Utilize local funds to improve city streets and drainage features	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000542	03	Trinity	Raise Highland Village Road and Improve Drainage	N/A	Denton	12030103, 12030104, 12030105	
03000543	03	Trinity	Anderson County Projects	Widen culverts to mitigate against future drainage issues that lead to flooding	Anderson	12030105, 12030201	
03000544	03	Trinity	None	Improve drainage where flash flooding normally occurs.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000545	03	Trinity	None	Create and implement a community-wide educational campaign to educate residents about the NFIP and dam safety.	Parker	12030101, 12030102	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000539		Proposed		General Fund, HMGP, Developer cost, Local Funds, In-kinds	No		Early warning is a key element in keeping citizens that are outdoors notified of hazards. This project will expand the City's siren coverage to new areas of development not currently protect by sirens.
03000540	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney Funds	No		\$500,00
03000541	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To decrease flooding potential.
03000542		Proposed		FEMA grant; general fund	No		Road was closed numerous times due to its elevation and then the extensive flood damaged the roadbed causing a proper system to be put into place reducing ongoing expenses
03000543		Proposed		No cost listed	No		None listed
03000544		Proposed		City budget, grants	No		\$60,000,000
03000545		Proposed		General funds, mitigation grants	No		\$30,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000546	03	Trinity	Public education on hazards, resources, and mitigation projects	Educate the public on potential hazards they may face and also set a realistic understanding of what will be provided and when. This program will include information on natural hazard mitigation programs and private mitigation projects.	Denton	12030103, 12030104, 12030105	
03000547	03	Trinity	Bridge Road	Elevate Bridge Road.	Liberty	12030202, 12030203, 12040202	
03000548	03	Trinity	None	Build a dual-use community safe room for the citizens of Centerville.	Leon	12030201, 12030202	
03000549	03	Trinity	None	Determine vendor for purchase of a multijurisdictional Automatic Vehicle Location (AVL) system for both police and fire from Colleyville, Keller, Southlake, and Westlake (NETCOM).	Tarrant	12030101, 12030102, 12030103, 12030104	
03000550	03	Trinity	None	Record information on flood areas.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000546		Proposed		Urban Security Initiative; Budget, Donations	No		Set a realistic expectation about mitigation measures.
03000547		Proposed		PDM, HMGP, County, State, Federal, TXDOT, 406 Public Assistance (following federally declared disaster)	No		1:4 cost-benefit ratio
03000548		Proposed		General revenues and from churches and private citizens	No		Protection of lives by providing safe shelter from severe storms. The safe room may be used as a cooling center during periods of excessive heat
03000549		Proposed		Staff time	No		0
03000550	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		For use when county floodplain maps are updated. (NFIP)

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000551	03	Trinity	Update Firm Maps	Update Flood Insurance Rate Maps (FIRMs)	Liberty	12030202, 12030203, 12040202	
03000552	03	Trinity	Develop and execute new programs which identify and reduce threats from natural hazards.	Purchase of a CASA (WX) Weather Radar system	Collin	12030103, 12030105, 12030106	
03000553	03	Trinity	Structure and Infrastructure	Upgrade undersized stormwater drains and culverts.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000551		Proposed		FEMA-Map Modernization Program, FEMA-Flood Hazard Mapping Program, Department of the Interior, United States Geological Survey-Mapping Standards Support, FEMA Flood Recovery Mapping, PDM, HMGP	No		1:4 cost-benefit ratio
03000552		Proposed		Local Funding, Federal Funding, HMPG, Local Grants	No		The Collaborative Adaptive Sensing of the Atmosphere (CASA WX) project is a multi-sector partnership dedicated to engineering revolutionary weather-sensing networks. The main purpose of the CASA WX project is to save lives and minimize injuries due t
03000553	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood damages through improved drainage capacity; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood event.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000554	03	Trinity	Structure and Infrastructure	Implement stream restoration / channelization program to ensure adequate drainage / diversion of stormwater.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000555	03	Trinity	None	Install additional Outdoor Warning Sirens to increase warning coverage.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000556	03	Trinity	Implement drainage improvements for areas identified in our flood study.	Implementing drainage basin improvements to infrastructure as defined in a flood study.	Denton	12030103, 12030104, 12030105	
03000557	03	Trinity	None	Coordinate local activities with federal, state, and regional programs	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000558	03	Trinity	Natural Systems Protection	Retain and maintain natural vegetation in stormwater channels.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000554	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood damages through improved drainage capacity / stormwater diversion; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood event.
03000555		Proposed		Grants, general budget	No		\$450,000
03000556		Proposed		Mitigation programs; Business donations; Local funds	No		Loss of life and property damage can be prevented through this program.
03000557	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000558	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds (staff time)	No		Reduce risk of flood damages due to erosion or scour during flood events.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000559	03	Trinity	Enhance Alert and Warning System within the city	Implement new technologies and procedures in accordance with the Integrated Public Alert and Warning System (IPAWS) to enhance the current alert and warning system. Develop an alert and warning procedure for the City Emergency Management Plan.	Kaufman, Dallas	12030105, 12030106	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204
03000560	03	Trinity	None	Enhance computer technology and software to provide for the most coordinated, efficient response possible. Provide prevention and protection of technology to secure information, intelligence and communications are operable and interoperable at all times.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000561	03	Trinity	Structure and Infrastructure	Evaluate access and road conditions for response vehicles. Develop and implement options to improve access and / or add redundant access routes in high risk areas.	Montague	12030101, 12030103, 12030104	
03000562	03	Trinity	Main "A" Drainage Channel	Improvements to Main A drainage channel including upgrading pump station	Liberty	12030202, 12030203, 12040202	
03000563	03	Trinity	None	Provide flood risk mapping materials for property owners in floodplains and include mitigation techniques.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000564	03	Trinity	None	Replace aging generator at Fire Station 1.	Parker	12030101, 12030102	
03000565	03	Trinity	Education and Awareness-Response and Recovery	Develop a post-disaster / recovery public education campaign to educate the public on processes and cautions following disasters.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000559	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204	Proposed		HMGP, General Fund, UASI	No		None listed
03000560		Proposed		City budget, grant funds	No		\$600,000
03000561		Proposed		Local Funds, State and Federal Grants	No		Reduce risk and spread of wildfires through maintained and redundant access routes in high risk areas; Improve response time for emergency services; Reduce risk of injury or damages; Provide additional ingress / egress routes through high risk areas to p
03000562		Proposed		City Budget item, PDM, HMGP	No		More than a 1:4 cost-benefit ratio
03000563		Proposed		City budget, HMGP, city funding for staff time	No		\$39,000
03000564		Proposed		General funds, mitigation grants	No		\$1,200,000
03000565		Proposed		Local Funds (staff time), State and Federal Grants	No		Promote hazard awareness and protect citizens from potential injuries and damages; Enhance recovery.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000566	03	Trinity	None	Utilize NOAA radios and “school messenger” program to obtain latest weather information and for the quickest relay of school information to the public.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000567	03	Trinity	None	Develop and provide an integrated outreach program with public education material on the hazards in Keller and what mitigation techniques can be taken to reduce the impact from the identified hazards on residents and properties, to include the use of soc	Tarrant	12030101, 12030102, 12030103, 12030104	
03000568	03	Trinity	Anderson County Projects	Ensure that structures are not built in flood zone areas.	Anderson	12030105, 12030201	
03000569	03	Trinity	Education and Awareness	Obtain certification in the National Weather Service StormReady Program.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03000570	03	Trinity	None	Work with local jurisdiction in the buyout of repetitive flood properties. This includes any structures found to be located in flood areas that are in incorporated and unincorporated areas. (NFIP)	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000571	03	Trinity	None	Purchase of a CASA (WX) Weather Radar system	Navarro	12030105, 12030107, 12030108, 12030109, 12030201	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000566	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Promote awareness of flood risk.
03000567		Proposed		Hazard Mitigation GrantProgram, city funds	No		\$30,000
03000568		Proposed		No cost listed	No		None listed
03000569	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds (staff time), State and Federal Grants	No		Reduce risk to citizens by educating the public on how to prepare for hazards and disasters.
03000570	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000571		Proposed		Local Funding, Federal Funding, HMPG, Local grants	No		Cost effectiveness is low compared to the benefits.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000572	03	Trinity	Education and Awareness	Implement and enhance an area-wide telephone Emergency Notification System ("Reverse 911").	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03000573	03	Trinity	Structure and Infrastructure	Form a Drainage District to construct and maintain drainage projects and oversee structural and regulatory storm water mitigation for new and future development.	Hardin	12030202	120302021205
03000574	03	Trinity	None	Take advantage of County-provided educational material on the NFIP and actively promote city residents to participate in the NFIP. (NFIP)rainage in southeast section of city by cleaning ditches and installing larger culverts.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000575	03	Trinity	Promote Prevention/ Mitigation Public Education and Awareness Program with resources to mitigate the impacts of each identified hazard.	Hazard public education and awareness materials will be distributed through social media and public outreach. This project will also include information about mitigation actions.	Denton	12030103, 12030104, 12030105	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000572	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds (staff time), State and Federal Grants	No		Reduce risk to citizens through improved communication and early warning.
03000573	120302021205	Proposed		PDM, HMGP, operating budgets, local funding	No		Improved floodwater or rising water outflow capacity from county and industrial complexes to reduce/ prevent impacts of flooding, storm surge, and flash flood.
03000574	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000575		Proposed		Fire Department	No		This will provide a community awareness campaign concerning the risks and consequences of natural hazards. Educate the public on the hazards, loss of life and property may be mitigated as they take steps to secure their property and respond to warnings.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000576	03	Trinity	Develop Public education on hazards and resources to mitigate the impacts of each identified hazard.	Utilizing available free publications and materials regarding mitigation techniques from various resources and setting up a booth at community events to teach these methods. Also, the utilization of social media will increase these efforts.	Denton	12030103, 12030104, 12030105	
03000577	03	Trinity	None	Enforce existing building codes which will mitigate future damages and repair costs	Tarrant	12030101, 12030102, 12030103, 12030104	
03000578	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Denton	12030103, 12030104, 12030105	
03000579	03	Trinity	Increase public awareness of natural hazards at City of McKinney parks, recreation, and open areas (PROS	Integrate historic preservation trained personnel as part of the DisasterAssessment Team.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03000580	03	Trinity	None	Implement drainage improvements for Tarkington Bayou to address repetitively damaged roads and communities including but not limited to Campbell Acres	San Jacinto	12030202, 12030203	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103
03000581	03	Trinity	None	Replace city owned culverts that have collapsed.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000582	03	Trinity	Structure and Infrastructure, Natural Systems Protection	Improve and increase the capacity of storm water system by expanding the Ten Mile Creek downstream channel.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000576		Proposed		HMGP, local funds, general fund	No		Protect against the impacts of flooding and other hazards.
03000577		Proposed		Staff time	No		0
03000578		Proposed		HMGP, Watershed authorities, dam sponsors, local sponsors, in-kind	No		Protect existing and new properties from the effects of all natural hazards
03000579	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		Grant Funds - FEMA, Texas Historic Commission, Main Street	No		\$6,000
03000580	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103	Proposed		HMGP, PDM, FMA, GLO	No		Social, technical, administrative, legal, economic benefits
03000581	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To prevent water backing up and pooling on city streets.
03000582		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP), Capital Improvement Program	No		Reduce losses of life and property.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000583	03	Trinity	None	Adopt and promote public education program.	Navarro	12030105, 12030107, 12030108, 12030109, 12030201	
03000584	03	Trinity	None	Classroom education and programs such as "Turnaround Don't Drown".	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000585	03	Trinity	Dam Failure	Improve existing public-owned dams to reduce threats posed by potential failure	Henderson	12030105, 12030107, 12030201	
03000586	03	Trinity	Upgrade Stormwater Conveyance Capacity	This action will upgrade stormwater conveyance capacity through drainage improvement projects which can include but are not limited to: installing/improving culverts and headwalls; and expanding stormwater ditches and canals.	Trinity	12030202	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103
03000587	03	Trinity	None	Two new towers to be erected to provide emergency notification to communities where no current coverage exists.	Leon	12030201, 12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000583		Proposed		General fund, HMGP, PDM, other state/federal grants, Local funds, citizen cost-share, donations	No		Public education is extremely effective for low cost
03000584	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Public awareness
03000585		Proposed		City Budget, Grants	No		Low
03000586	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103	Proposed		County, FEMA PDM, FEMA HMGP	No		Existing and future infrastructure
03000587		Proposed		General revenue, grants, and private entities	No		Protection of life by notifying the public to impending natural hazards

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000588	03	Trinity	None	Develop a storm water drainage Study/Plan for known problem areas (or Citywide)	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000589	03	Trinity	None	Initiate public education campaign to improve the community's understanding and access to information to guide and facilitate activities they can undertake which improve level of protection for their homes, their property and improve their safety and r	Polk	12030202	
03000590	03	Trinity	Local Plans and Regulations	Adopt smart growth initiatives. Incorporate a formal hazard mitigation plan in long-term community development planning activities.	Montague	12030101, 12030103, 12030104	
03000591	03	Trinity	None	Enlarge culvert and elevate roadbed on Hickory Hollow at Impala Drive	Polk	12030202	
03000592	03	Trinity	Structure and Infrastructure; Local Plans and Regulations (for unmapped areas)	Undertake a comprehensive study of flood risk and reduction alternatives, with the assistance of the U.S. Army Corps of Engineers. Implement feasible alternatives for flood reduction.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000588	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000589		Proposed		HMGP, PDM, CDBG	No		None listed
03000590		Proposed		Local Funds	No		Reduce risk in high hazard areas by promoting and incentivizing development in low risk areas; Build resiliency within the community; Reduce risk of damages through improved planning and construction practices.
03000591		Proposed		HMGP, PDM, budget	No		None listed
03000592	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Improve risk assessment; Reduce risk of damages or injuries through drainage improvements; Reduce risk of damages and injuries.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000593	03	Trinity	Bridge on Rhonda Rosa Lane	Construct bridge on Rhonda Roas Lane in Ranches on Turtle Bayou to replace box culverts	Chambers	12030203, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306
03000594	03	Trinity	None	Acquire a larger generator for EOC operations.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000595	03	Trinity	Structure and Infrastructure	Relocate critical facilities out of high hazard areas.	Montague	12030101, 12030103, 12030104	
03000596	03	Trinity	Provide adequate warning and communication before, during, and after a hazard event.	Purchase and install an Outdoor Warning System to reduce or eliminate the loss of life.	Collin	12030103, 12030105, 12030106	
03000597	03	Trinity	Implement a process for power lines and infrastructure	Implement a process of monitoring and maintaining all utilities that can help prevent damage. Implement annual check of all utilities. Work with Oncor to ensure the process for inspection of power infrastructure is conducted.	Kaufman, Dallas	12030105, 12030106	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204
03000598	03	Trinity	None	Updating and replacing of damaged appurtenances in the city storm drainage system	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000593	120302030202, 120302030203, 120302030204, 120302030304, 120302030306	Proposed		Rebuild Texas Project	No		Avoid loss to Residents and structures near Turtle Bayou
03000594		Proposed		City budget, hazard mitigation grants	No		\$1,500,000
03000595		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of damages to structures; Ensure continuity of critical services; Reduce risk of injuries to critical service employees
03000596		Proposed		CIP, Economic Development Funds, Federal and Private Grants	No		The City of Lucas has many outdoor riding trails for equestrian enthusiasts which are used all throughout the year, and many citizens are out during light rain. With the unpredictability of the weather in North Central Texas, the likelihood that citizen
03000597	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204	Proposed		HMGP, CDBG	No		None listed
03000598	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Insure maximum drainage flow in the system (NFIP)

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000599	03	Trinity	Ensure first responder capabilities to prepare for, respond to, and recover from identified hazards	Acquire additional mass care sheltering supplies (for example, cots and blankets).	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03000600	03	Trinity	Construct enhancements or additions to current and new facilities which mitigate the effects of natural hazards	Purchase and utilize mobile back-up generator	Collin	12030103, 12030105, 12030106	
03000601	03	Trinity	Early Warning Hazard System	Install a city-wide all-hazard warning system to implement early notification	Henderson	12030105, 12030107, 12030201	
03000602	03	Trinity	None	Educate residents on flood hazards who live downstream approximately 5 miles from the dam.	Hood	12030102	120301020301, 120301020301
03000603	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Denton	12030103, 12030104, 12030105	
03000604	03	Trinity	Local Plans and Regulations (for unmapped or limited study areas)	Undertake a comprehensive study of flood risk and reduction alternatives, with the assistance of the US Army Corps of Engineers. Adopt or revise flood damage prevention ordinance to include flood risk areas identified in the study. This study will cover	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000599	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney Funds, FEMA	No		\$40,000
03000600		Proposed		Local Funding	No		Backup generator will prevent loss of power and data to critical government buildings. Introduction of a mobile back-up generator will allow the City or other critical facilities to function as close to normal as possible in the event of a massive power
03000601		Proposed		Grant	No		High
03000602	120301020301, 120301020301	Proposed		Hazard Mitigation Grant, FEMA	No		\$6,000
03000603		Proposed		HMGP, Watershed authorities, dam sponsors, local sponsors, in-kind	No		Protect existing and new properties from the effects of all natural hazards
03000604	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Improve risk assessment; reduce risk of damages or injuries through improved building standards; reduce risk of damages and injuries.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000605	03	Trinity	Local Plans and Regulations	Promote land use program, identify undeveloped land within the floodplain, and assess uses for conservation or recreation. Implement storm water retention basin upstream of Bentle Branch, to allow for a more natural environment conduction of Bentle Branc	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000606	03	Trinity	Education and Awareness	Acquire a Public Education Kiosk for disaster education and safety, water conservation, etc.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000607	03	Trinity	None	Update communications and storm tracking capabilities of the Mobile Command Center.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000608	03	Trinity	Require conditional/special use permits for developments in known hazard areas	Evaluate internal permit process, including expenditures, personnel, etc.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000605		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP), State Grants	No		Avoid losses. Program will include developing an open space re-use, and preservation plan targeting as well as developing a land banking program for the preservation of the natural and beneficial functions of flood hazard areas
03000606		Proposed		Local Funds, State and Federal Grants	No		Promote hazard awareness and protect citizens from potential injuries and damages.
03000607	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000608	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney funds	No		\$40,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000609	03	Trinity	None	Improve the Community Rating System rating in order to lower flood insurance premiums for residents with flood insurance by using ongoing outreach.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000610	03	Trinity	Structure and Infrastructure; Local Plans and Regulations (for unmapped areas)	Undertake a comprehensive study of flood risk and reduction alternatives, with the assistance of the U.S. Army Corps of Engineers. Implement feasible alternatives for flood reduction.	Montague	12030101, 12030103, 12030104	
03000611	03	Trinity	Maintenance/ update Tornado Siren	Perform maintenance/replace siren system to ensure the alert is loud enough to be heard throughout the city	Henderson	12030105, 12030107, 12030201	
03000612	03	Trinity	Natural Systems Protection	Conduct program in conjunction with local communities to incorporate regulatory standards to protect open space flood-prone areas by preventing new developments in the floodplain	Kaufman	12030105, 12030106, 12030107	
03000613	03	Trinity	None	Conduct an annual "weather fair" for the public for education on all hazards with presentations regarding weather causes, effects and suggested safety measures that affect the city.	Parker	12030101, 12030102	
03000614	03	Trinity	Structural Project	Purchase property and construct individual community safe rooms in or near potentially impacted areas	Walker	12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000609		Proposed		City budget, grants	No		\$60,000
03000610		Proposed		Local Funds, State and Federal Grants	No		Improve risk assessment; Reduce risk of damages or injuries through drainage improvements; Reduce risk of damages and injuries.
03000611		Proposed		FEMA Grant	No		Medium
03000612		Proposed		HMGP, Local Revenue	No		Reduce risk to properties throughout county from flood, reduce risk to residents in floodplain areas
03000613		Proposed		General Fund, grants	No		\$60,000
03000614		Proposed		FEMA Emergency Management Planning Grants, FEMA-Emergency Operations Center, PDM program, HMGP	No		More than a 1:4 cost-benefit ratio

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000615	03	Trinity	Upgrade Contact Information for First Responders, Volunteers, and Special Needs Populations	This action will ensure that crucial information is kept up to date so that there is no delay in emergency responsetrying to find First Responders, Volunteers, and Special Needs Populations during emergencies.	Trinity	12030202	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103
03000616	03	Trinity	None	Purchase and install generators for new and existing critical facilities to reduce the damage from power failure due to the identified hazards.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000617	03	Trinity	Structure and Infrastructure	Install flood warning systems at Wycliffe and St. Johns consists of stilling wells, Remote Processing Units (RPU), Dynamic Message Signs (DMS), a radio communication system, and a central computer system.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000618	03	Trinity	Construction of Erosion Control for Eastham Thomas Park	Construction project to mitigate major erosion along the confluence of 2 creeks within Eastham Thomas Park between 7th and 10th streets.	Walker	12030202	120302020801, 120302020802, 120302020805
03000619	03	Trinity	Educate city council	Educate city council on benefits of mitigation and encourage council members to become more involved.	Liberty	12030202, 12030203, 12040202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000615	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103	Proposed		County, FEMA HMGP, FEMA, PDM, FEMA FMA	No		Existing and future population and infrastructure
03000616		Proposed		Hazard mitigation grants, city budget	No		\$90,000
03000617		Proposed		Local Funds	No		Reduce loss of life; Enhance risk assessment.
03000618	120302020801, 120302020802, 120302020805	Proposed		FEMA Hazard Mitigation Assistance Grants, City Funds, TWDB State Revolving Funds	No		If watershed studies prove downstream structure flooding resulting from future erosion, the project could be cost-effective.
03000619		Proposed		Staff time and resources, FEMA and Red Cross materials free of charge, HMGP, Pre-disaster Mitigation	No		1:4 cost-benefit ratio

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000620	03	Trinity	Local Plans and Regulations	Develop a "Continuity of Operations" plan in the event of a natural disaster.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03000621	03	Trinity	None	Enhance the annual Southlake Safety Fair to include a discussion about mitigation techniques to the identified hazards.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000622	03	Trinity	Structure and Infrastructure Project	Install permanent generators on all critical facilities	Kaufman	12030105, 12030106, 12030107	
03000623	03	Trinity	Purchase and implement telephone based mass notification system.	The City of Italy will purchase a mass notification system to notify its population of imminent hazards.	Ellis	12030102, 12030105, 12030108, 12030109	
03000624	03	Trinity	Ensure first responder capabilities to prepare for, respond to, and recover from identified hazards	Design and procure a mobile command vehicle to respond to areas severely impacted during identified hazards.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03000625	03	Trinity	Local Plans and Regulations	Incorporate higher standards for hazard resistance in local application of the building code.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000620	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		Grant, Local Funding	No		Reduce the interruption of county service to residents and community in the event of a natural disaster.
03000621		Proposed		General fund, hazard mitigation grants	No		\$30,000
03000622		Proposed		HMGP	No		Ensure continuation of essential services to residents in event of a disaster
03000623		Proposed		HMGP, PDM, City budget, other federal/state grants, local funds, donations, in-kind	No		To warn our citizens more effectively of impending dangers associated with weather and natural disasters.
03000624	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney Funds, HSGP	No		\$1,500,000
03000625	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time)	No		Reduce risk of damages to structures through improved construction techniques; Reduce recovery efforts for the community after an event.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000626	03	Trinity	None	Improve, and/or expand water, sewer, storm water, energy, and communication systems, as needed, to prevent damage to critical facilities, infrastructure, and property	Johnson	12030102, 12030109	
03000627	03	Trinity	Rehabilitate or retrofit identified high hazard critical infrastructure	Raise bridge at McMillian Rd reduce flooding	Collin	12030103, 12030105, 12030106	
03000628	03	Trinity	Structure and Infrastructure	Acquire and install generators with hard wired quick connections at all campus locations.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03000629	03	Trinity	Local Plans and Regulations	Coordinate with dam owners to attain proper inundation studies for dam safety and establish/ implementation items which prove to be more cost efficient.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000630	03	Trinity	Local Plans and Regulations; Structure and Infrastructure	Adopt a landscape ordinance (selection and planting guidelines).	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000626		Proposed		University, Hazard Mitigation Grant Program, Pre-Disaster Mitigation, others to be identified	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03000627		Proposed		Collin county Budget; Local budget possibly Bond, HMGP	No		This measure will reduce the detours and street closure due to water running over McMillan road. The damage repair to the street will be reduced. The public safety responses to neighborhoods will be better due to keeping road open even during major rain
03000628	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds, State and Federal Grants	No		Provide power for school facilities during power outages and ensure safety of students and continuity of critical services.
03000629		Proposed		Local Funds, State and Federal Grants	No		Improve risk assessment; reduce risk of damages or injuries through improved building standards; reduce risk of damages and injuries.
03000630	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Reduce impact on groundwater; Minimize impacts of expansive soils; Reduce rainfall runoff volume and risk of flooding; Reduce risk and spread of wildfire

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000631	03	Trinity	Mitigate the Effects of Hazards to Citizens Through Public Education	This public education program would be based on the hazards that Ovilla has identified. The program will educate residents on the hazards and mitigation actions for each through flyers, information on City website, classes	Ellis	12030102, 12030105, 12030108, 12030109	
03000632	03	Trinity	Structure and Infrastructure	Install backup generators at critical facilities.	Houston	12030201, 12030202	
03000633	03	Trinity	Improve the City of Grand Prairie's capability to mitigate against flood events	Attend NFIP/CRS users groups workshops to share information with City staff/stakeholder	Ellis, Tarrant, Dallas	12030102	
03000634	03	Trinity	Local Plans and Regulations	Adopt a landscape ordinance (selection and planting guidelines).	Montague	12030101, 12030103, 12030104	
03000635	03	Trinity	Education and Awareness	Promote National Flood Insurance Program education and purchase of flood insurance.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000636	03	Trinity	Education and Awareness	Conduct public awareness program and distribute NFIP education information to citizens including availability of flood insurance.	Houston	12030201, 12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000631		Proposed		HMGP, PDM, local funds, donations, in-kind	No		Potential to save lives.
03000632		Proposed		Grants	No		Assurance that critical buildings will have emergency backup power.
03000633		Proposed		City budget	No		Unknown
03000634		Proposed		Local Funds	No		Reduce impact on groundwater; Minimize impacts of expansive soils; Reduce rainfall runoff volume and risk of flooding; Reduce risk and spread of wildfire.
03000635		Proposed		Local Funds (staff time), HMA Grants	No		Increase flood risk awareness and flood insurance coverage; Reduce damage impact on residents after a flood event; Reduce the burden on state and federal resources.
03000636		Proposed		Local Revenue	No		Educate residents regarding low cost of flood insurance in low risk flood zones; increase policy base.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000637	03	Trinity	Structure and Infrastructure	Evaluate access and road conditions for response vehicles. Develop and implement options to improve access and/or add redundant access routes in high risk areas.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000638	03	Trinity	Structure and Infrastructure	Increase drainage capacity; Add stormwater detention and / or retention basins as deemed necessary to reduce flood risk.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03000639	03	Trinity	Structure and Infrastructure	Add additional drains and supporting infrastructure in older neighborhoods to increase offloading of flash flood waters.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000640	03	Trinity	None	Classroom education and programs such as "Turnaround Don't Drown".	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000641	03	Trinity	None	Install emergency generators at fire department, community shelter, and future community saferoom	Hood	12030102	120301020301, 120301020301

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000637	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce risk and spread of wildfires through maintained and redundant access routes in high risk areas; Improve response time for emergency services; Reduce risk of injury or damages; Provide additional ingress/egress routes through high risk areas to pre
03000638	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds, HMGP, CDBG, Other State and Federal Grants	No		Reduce flood risk through improved drainage capacity; Reduce risk of damages and injuries; Reduce emergency response demands.
03000639		Proposed		Local Funds, State and Federal Grants	No		This would reduce the severity of localized flash flooding the citysaw during the very wet spring of 2019. The action would reduce the damage to structures and infrastructure, reduce the risk to residents, and reduce the need for emergency services.
03000640	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Public awareness
03000641	120301020301, 120301020301	Proposed		Local Funds, State or Federal Grants	No		\$192,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000642	03	Trinity	Structure and InfrastructureProject	Improve drainage by adding culvert or retention area to decrease standing water in high school parking lot	Kaufman	12030105, 12030106, 12030107	
03000643	03	Trinity	Develop and implement a public education program	This public education program would be based on the hazards that the city of Palmer has identified. The program will educate residents on the hazards and mitigation actions for each.	Ellis	12030102, 12030105, 12030108, 12030109	
03000644	03	Trinity	Education and Awareness	Develop and conduct public education program with City of Terrell, City of Kaufman, City of Kemp, and in unincorporated county areas to publicize availability of flood insurancefor residents potentially affected by dam breach of High risk dams	Kaufman	12030105, 12030106, 12030107	
03000645	03	Trinity	Local Plans and Regulations	Require standard tie-downs of propane tanks.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000646	03	Trinity	Education and Awareness	Conduct public education program andadvertise Houston County Emergency Evacuation Plan, such as escape routes in coordination with TxDOT.	Houston	12030201, 12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000642		Proposed		HMGP	No		Reduce ongoing maintenance of parking area due to heavy runoff and poor drainage during flash flood events
03000643		Proposed		General fund, HMGP, PDM, donations, local funds, in-kind, other state/federal grants, citizen cost-share, donations	No		Potential to save lives.
03000644		Proposed		HMGP	No		Reduce loss of life and property downstream from high risk dam through education and awareness of dam hazard
03000645	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time)	No		Reduce damages to structures and infrastructure; Reduce risk of hazardous material release and potential fires; Reduce risk of injuries or fatalities; Reduce risk of flood water contamination.
03000646		Proposed		Grants	No		Educating public improves community response to disasters, reduced loss of life.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000647	03	Trinity	Education and Awareness	Purchase NOAA weather radios for early warning and place in critical infrastructures within the city.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03000648	03	Trinity	Structure and Infrastructure, Natural Systems Protection	Improve creek and stream bank stabilization measures with the use of hard / soft engineering techniques that combine low profile rock with vegetative plating to allow for a more natural condition of Bentle Branch and Ten Mile Creek	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000649	03	Trinity	None	Enhance the town wide notification system for phone, text, and email by implementing a system such as CodeRed or Everbridge.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000650	03	Trinity	None	Establish zoning regulations to prohibit residential construction in floodprone areas.	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03000651	03	Trinity	Implementation of Code Red or Advanced Warning and Public Notification System	Obtain access and/or incorporate the use of the automated emergency calling system, Code Red, into local emergency management plan	Henderson	12030105, 12030107, 12030201	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000647	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		Local Funding	No		Reduce risk to citizens and property from flooding both in and near the floodplain.
03000648		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP)	No		Reduce losses related to flooding.
03000649		Proposed		Town budget, hazard mitigation grants	No		\$60,000
03000650	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		Local funds	No		This action, over time, would decrease property losses from flooding in areas that are deemed as flood-prone.
03000651		Proposed		Grant	No		High

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000652	03	Trinity	None	Update all the required city building codes from the 2012 International Codes to a more recent code, such as 2018 or 2019.	Parker	12030101, 12030102	
03000653	03	Trinity	None	Install gate and warning lights at low water crossings.	Hood	12030102	120301020301, 120301020301
03000654	03	Trinity	None	Erosion and channel natural re-routing issues observed at Choctaw Bottom Rd. (Precinct 2).	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000655	03	Trinity	Structure and Infrastructure	Harden / retrofit critical facilities to hazard-resistant levels.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03000656	03	Trinity	None	Hire a floodplain administer to oversee the National Flood Insurance Program (NFIP).	Tarrant	12030101, 12030102, 12030103, 12030104	
03000657	03	Trinity	Natural Systems Protection	Add thick vegetation on public lands along river banks.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000652		Proposed		General Fund, grants	No		\$60,000
03000653	120301020301, 120301020301	Proposed		Local Funds, State or Federal Grants	No		\$300,000
03000654	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000655	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds (staff time), State and Federal Grants	No		Reduce damages at critical facilities; Ensure continuity of critical services during and after event; Reduce risk of injury to emergency and critical personnel.
03000656		Proposed		City general fund, hazard mitigation grants	No		\$1,200,000
03000657	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of erosion or scour due to flooding; Reduce damages to infrastructure including roadways, sidewalks, bridges, and culverts; Reduce demands on emergency response during high water events.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000658	03	Trinity	Adopt and Implement the 2009 ICC Building Codes	The International Building Code provides the framework for constructing structures that will most effectively mitigate the impacts of natural hazards	Denton	12030103, 12030104, 12030105	
03000659	03	Trinity	Structure and Infrastructure	Acquire and install generators with hard wired quick connections at all critical facilities.	Van Zandt	12030107	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304
03000660	03	Trinity	None	Establish an open space preservation program that encourages rapid drainage of populated areas.	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03000661	03	Trinity	Structure and Infrastructure	Reconstruct Drainage System and Street in the 4500-4700 blocks of Westside Drive	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000662	03	Trinity	Structure and InfrastructureProject	Expand and upgrade drainage culverts to prevent flooded roadways	Kaufman	12030105, 12030106, 12030107	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000658		Proposed		General fund	No		Protects the lives and property within the City of Highland Village.
03000659	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304	Proposed		Local Funds, State, and Federal grants	No		Provide power for critical facilities during power outages and ensure continuity of critical services.
03000660	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		NFMF, PDM Grant Program, EMPG Grant Program	No		This would minimize the possible effects of flooding in low-lying areas by utilizing open spaces to allow for rapid storm water drainage.
03000661		Proposed		Local Funds, NCTCOG, Dallas County, State of Texas, FEMA	No		Reconstruct Drainage System and Street in the 4500-4700 blocks of Westside Drive
03000662		Proposed		HMGP, Storm water fee	No		Improved response time in the event of emergencies; reduce flooded roadways.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000663	03	Trinity	Education and Awareness	As part of the county-wide I-Info Alert/Notification System, conduct a public education program for residents, businesses, and schools on responding to alerts, including evacuations and safe shelter locations.	Houston	12030201, 12030202	
03000664	03	Trinity	None	Conduct structure improvements to improve channel degradation caused by erosion include such actions as replacing rip-rap section with gabion basket and regarding steep slopes.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000665	03	Trinity	None	Identify and complete flood mitigation projects to protect critical facilities (include dry and wet flood proofing)	Johnson	12030102, 12030109	
03000666	03	Trinity	City of Corsicana Generator for Fire Station 2 - Priority #2	City of Corsicana Generator for Fire Station 2 - Priority #2	Navarro	12030108, 12030109	
03000667	03	Trinity	Desnagging, clearing, and grubbing of Turtle Bayou	Desnagging, clearing, and grubbing of Turtle Bayou from mouth to north of IH 10 and beyond.	Chambers	12030203, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306
03000668	03	Trinity	Provide weather radios to residents of Flower Mound through a citizen cost-share program.	Raise awareness of weather radios and severe weather safety throughout the area, thus providing benefits even to citizens who do not participate in this program.	Denton	12030103, 12030104, 12030105	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000663		Proposed		HMGP Grants	No		Educating the public through various social media outlets including PSA's, regarding Alert/Notification System will aid in implementing appropriate measures to manage the public before, during, and following a disaster; reduce loss of lives and property
03000664		Proposed		City budget, CIP funds, HMGP, PDM	No		\$3,000,000
03000665		Proposed		County, Hazard Mitigation Assistance, others to identified	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03000666		Proposed		Unknown	No		Unknown
03000667	120302030202, 120302030203, 120302030204, 120302030304, 120302030306	Proposed		Rebuild Texas Project	No		Avoid losses to County Judge, County Engineers Department, Department of Emergency Management
03000668		Proposed		Grant funds, HMPG, PDM, Citizen cost-share, donations	No		Weather radios are a proven means to alert and warn citizens about severe weather and civil emergencies.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000669	03	Trinity	Local Plans and Regulations (for unmapped or limited study areas)	Undertake a comprehensive study of flood risk and reduction alternatives, with the assistance of the US Army Corps of Engineers. Adopt or revise flood damage prevention ordinance to include flood risk areas identified in the study. This study will cover	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000670	03	Trinity	Preventative Measures	Continuously monitor the Spring Creek for debris that can clog existing drainage system and cause flooding of the I-35 service road.	Cooke	12030103, 12030104	
03000671	03	Trinity	None	Public Outreach and Education	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03000672	03	Trinity	Natural Systems Protection; Local Plans and Regulation	Establish, adopt and implement a “green infrastructure” program for parks, nature preserves, greenbelts, etc.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03000673	03	Trinity	Arlington	City of Arlington Acquisition/Demolition	Tarrant	12030102	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000669		Proposed		Local funds, State and Federal Grants	No		Improve risk assessment; Reduce risk of damages or injuries through improved building standards; Reduce risk of damages and injuries.
03000670		Proposed		Budget	No		When working with planning team members from each jurisdiction all mitigation ideas were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03000671	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		General revenues and grants	No		Reduced vulnerability of citizens to hazard events by education them about the causes
03000672	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce impacts of flood through expanded greenspace and restoration of floodplains and wetlands; Reduce impacts of drought through green infrastructure that works to replenish groundwater reserves; Reduce impacts of Urban Island Heat effect in densely po
03000673		Proposed		Unknown	No		Unknown

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000674	03	Trinity	None	Continue efforts to apply for the NFIPs Community Rating System Program. (NFIP)	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000675	03	Trinity	Develop and Implement a town flood protection ordinance.	The town will review and enhance ordinances that regulate development in the floodplain. The town will factor items into its annual budget as necessary to reduce vulnerability to flooding.	Denton	12030103, 12030104, 12030105	
03000676	03	Trinity	Assess and develop plans to improve critical infrastructure.	Integrate into the Master Water and Sewer Plan the rehabilitation/replacement of mains that meet at least one of the following criteria: (1) is over 30 years old, (2) needs frequent repairs, (3) constructed with vitrified clay tile.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03000677	03	Trinity	Structure and Infrastructure	Install back-up generators for all district buildings.	Houston	12030201, 12030202	
03000678	03	Trinity	None	To protect power lines, either bury overhead power lines, ensure ordinances for proper vegetation management practices, replace wood poles with steel or composite ones, or reinforce utility poles with guy wires.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000679	03	Trinity	None	Enlarge culvert under Route 66 past Taylor Lake Estates	Polk	12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000674	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000675		Proposed		None listed	No		Reduce the cost of flooding to the town.
03000676	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney funds	No		\$80,000,000
03000677		Proposed		HMGP Grants	No		Avoid disruption of essential utility services for all students and faculty during severe weather events.
03000678		Proposed		City general fund, hazard mitigation grants	No		\$1,200,000,000
03000679		Proposed		HMGP, PDM, FMA, CDBG, budget	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000680	03	Trinity	Expand the city's Public Outreach Campaigns	Establish and maintain a hazard mitigation link on the city's web page	Kaufman, Dallas	12030105, 12030106	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204
03000681	03	Trinity	Adoption of Mitigation Techniques for Hike/Bike Trail System	Adoption of mitigation risk assessment data to support selection of hike/bike trail locations in order to multi-purpose the clearings as fire breaks and flood easements.	Walker	12030202	120302020801, 120302020802, 120302020805
03000682	03	Trinity	Structure and Infrastructure	Adopt and implement a routine tree trimming program that clears tree limbs near power lines and / or hanging in right-of-way; Remove dead trees from right-of-way and drainage systems on a scheduled basis.	Van Zandt	12030107	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304
03000683	03	Trinity	Local Plans and Regulations	Implement an Emergency Paging System to alert residents of severe weather or disasters	Kaufman	12030105, 12030106, 12030107	
03000684	03	Trinity	None	Replace Chipmunk Road culverts with a bridge.	San Jacinto	12030202, 12030203	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103
03000685	03	Trinity	None	Develop a Storm Drainage System. (NFIP)	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000680	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204	Proposed		General funds	No		None listed
03000681	120302020801, 120302020802, 120302020805	Proposed		In-Kind, City Funds	No		This low-cost activity would be part of an effort that has already achieved funding.
03000682	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304	Proposed		Local Funds, State and Federal Grants	No		Reduce damages to infrastructure; Ensure continuity of services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations.
03000683		Proposed		HMGP	No		Increase response time for residents to evacuate or shelter in place during disasters
03000684	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103	Proposed		HMGP, PDM, FMA, GLO	No		Social, technical, administrative, legal, economic benefits
03000685	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget, grants	No		Mitigate flooding.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000686	03	Trinity	None	Make contingency plans based upon the possibility of occurrence of the identified hazards.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000687	03	Trinity	Protect existing and new properties from the effects of all natural hazards.	Drainage channel improvements and additions.	Collin	12030103, 12030105, 12030106	
03000688	03	Trinity	Structure and Infrastructure	Install frangible links/break away connections on utility poles to maintain utility operation during and after a hazard event.	Hardin	12030202	120302021205
03000689	03	Trinity	Construct enhancements or additions to current and new facilities which mitigate the effects of natural hazards	Harden existing critical facilities to protect against natural hazard damage.	Collin	12030103, 12030105, 12030106	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000686		Proposed		City Budget	No		\$6,000
03000687		Proposed		HGMP, PDM, HMA, General Fund, Local, In-kind, Bond	No		Providing proper water flow and drainage during times of excessive rains is imperative. Improper water flow results in damage to roads, bridges and property; which may lead to injuries and deaths. These replacements will be for 4 separate projects that h
03000688	120302021205	Proposed		Operating budgets, local funding, PDM, HMGP	No		Maintain electrical service during storms, decrease utility and public services restoration time and expense.
03000689		Proposed		Local funds, Federal grants, state grants, Local funds, donations, in kind	No		Frisco will harden critical infrastructure through mitigation by use of tornado, wind, fire, hail, ground movement, and impact resistant materials (windows, doors, roofing, construction, siding, roof bracings); dry-proofing buildings; upgrading to higher

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000690	03	Trinity	Structure and Infrastructure	Adopt and implement a program for clearing debris from bridges, drains and culverts.	Van Zandt	12030107	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304
03000691	03	Trinity	None	Provide the Public Works Department with a hardened facility/workshop for housing critical equipment to mitigate the damages from the identified hazards.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000692	03	Trinity	None	Retrofit community center	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000693	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams within the county.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Ellis	12030102, 12030105, 12030108, 12030109	
03000694	03	Trinity	Improve the City of Grand Prairie's capability to mitigate against flood events	Install and maintain software for the City's rain/stream gauge system	Ellis, Tarrant, Dallas	12030102	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000690	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304	Proposed		Local Funds, State, and Federal grants	No		Reduce damages caused by flooding by maintaining or restoring drainage capacity.
03000691		Proposed		Town funds, hazard mitigation grants	No		\$12,000,000
03000692	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000693		Proposed		HMGP, Watershed Authorities, dam sponsors, local sponsors, in-kind	No		Protect existing and new properties from the effects of all natural hazards
03000694		Proposed		City budget FEMA Hazard Mitigation Grant Program, TWDB FPP	No		N/A

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000695	03	Trinity	Structure and InfrastructureProject	Expand or replace culverts that do not adequately convey storm water	Kaufman	12030105, 12030106, 12030107	
03000696	03	Trinity	Local Plans and Regulations	Require new public buildings to be sited on low risk parcels.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03000697	03	Trinity	Structural Project	Develop a community-wide drainage system in Southwood Forest Subdivision and Forgotten Forest Subdivision.	Walker	12030202	
03000698	03	Trinity	Education and Awareness	Develop alternative evacuation routes / plans and designate emergency thoroughfares, particularly in areas with limited capacity. Educate citizens on evacuation routes and procedures.	Jack	12030101	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000695		Proposed		HMGP	No		Improve drainage and reduce costs to repair old culverts
03000696	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Reduce risk of damages to public structures by locating buildings outside of known hazard areas; Ensure continuity of public services following a significant event
03000697		Proposed		USACE Small Flood Control Projects, USDA NRCS-Emergency Watershed Protection Agency, TWDB Clean Water State Revolving Fund, TWDB (Development Fund II)-Texas Water Development Fund, USDA NRCS-Watershed Protection and Flood Prevention Program, EPA NPS Gran	No		More than a 1:4 cost-benefit ratio
03000698		Proposed		Local Funds, State and Federal Grants	No		Reduce risk residents through improved evacuation alternatives and awareness efforts

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000699	03	Trinity	Structure and Infrastructure	Coordinate and Improve Animal Shelter capacity during and following a natural disaster.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03000700	03	Trinity	None	Backup power generators for critical facilities (includes replacing obsolete power generators)	Johnson	12030102, 12030109	
03000701	03	Trinity	Develop and implement public education resources on hazards affecting citizens, including actions for hazard mitigation	Develop and implement a public education program on hazards faced in the area. By providing public with the education needed to purchase and/or assemble readiness kits the burden will be released from public agencies and helping to reduce the need for sh	Denton	12030103, 12030104, 12030105	
03000702	03	Trinity	None	Adopt real-estate disclosure requirements for the re-sale of property located within projected dam failure inundation areas.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000703	03	Trinity	None	Develop and fund a rebate program for citizens to buy weather alert radios.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000699	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		HMGP & other grant funds	No		Reduce risk to public health, safety and general welfare to the general public as it relates to displaced animals during a natural disaster.
03000700		Proposed		County, Hazard Mitigation Grant Program, Pre-Disaster Mitigation, others to be identified	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03000701		Proposed		Urban Area Security Initiative; Budget; Donations	No		Mitigation is achieved by effective information distribution and providing time for citizens to prepare.
03000702	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Mitigate potential harm from dam failure.
03000703		Proposed		City budget, grants	No		\$60,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000704	03	Trinity	None	Van Alstyne continue to maintain necessary actions to participate in the NFIP and continue to make flood insurance available for residents	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000705	03	Trinity	None	Implement a Stream Flow Monitoring system on Chambers Creek that will allow for historical tracking as well as constant monitoring of water levels to assist with providing early warning to residents.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000706	03	Trinity	Lift Station Rehabilitation	Rehabilitation of 3 sanitary sewer lift stations to alleviate flooding of pumps.	Chambers	12030203, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306
03000707	03	Trinity	Structural Projects	Work with TXDOT to alleviate flooding issues with the Elm Fork bridge on I35. In heavy rain events flooding in this areas causes shutdown of I-35. (NFIP)	Cooke	12030103, 12030104	
03000708	03	Trinity	None	Locate and install "quick-connect" for emergency generator hook-ups for critical facilities.	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000704	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000705		Proposed		City budget, hazard mitigation grants	No		\$150,000
03000706	120302030202, 120302030203, 120302030204, 120302030304, 120302030306	Proposed		HMAP	No		Avoid Loss of life and structures that may be flooded
03000707		Proposed		TXDOT	No		When working with planning team members from each jurisdiction all mitigation ideas t were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03000708	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		Enhance safety of population by helping ensure continued power supplies in emergency situations

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000709	03	Trinity	Education and Awareness	Procure and install flood warning barrier system to prevent motorists from driving into flooded areas.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000710	03	Trinity	Structure and Infrastructure	Harden/retrofit critical facilities to hazard-resistant levels.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000711	03	Trinity	Mitigate storm water damage through adoption and implementation of TCEQ approved storm water pollution and prevention plan.	Clear waterways to effectively remove storm water.	Denton	12030103, 12030104, 12030105	
03000712	03	Trinity	Flood mitigation education for city officials and citizens	Seek FEMA and State training in flood mitigation to assist with NFIP and encourage awareness of flood hazard and National Flood Insurance Program assistance to citizens	Henderson	12030105, 12030107, 12030201	
03000713	03	Trinity	None	Designate POD locations with generators.	Madison	12030202	
03000714	03	Trinity	None	Acquire homes located down-stream of high hazard dams	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000709		Proposed		Local Funds, State and Federal Grants	No		The city currently has no system to automatically lower barrier arms at flood prone areas. Officers must control the area after flooding conditions are reported. This action will reduce the risk to citizens and reduce the need for emergency services during
03000710		Proposed		Local Funds, Private contributions, State and Federal Grants	No		Reduce damages at critical facilities; Ensure continuity of critical services during and after event; Reduce risk of injury to emergency and critical personnel.
03000711		Proposed		General fund; local funds, in-kind match	No		To mitigate against property damage and potential life safety issues
03000712		Proposed		City budget	No		Medium
03000713		Proposed		General revenue, FEMA mitigation grants	No		A POD that functions smoothly helps get citizens out of harms away and safely provides them with necessary items.
03000714	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		General revenue or a flood study grant from the Texas Water Development Board	No		Removal of structures located downstream of dams can save lives and prevent future property damages

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000715	03	Trinity	Design and construction of erosion control projects for streams within Dallas	Erosion protection of all structures identified on the City of Dallas Needs Inventory.	Kaufman, Rockwall, Collin, Denton, Dallas	12030102, 12030103, 12030105, 12030106	
03000716	03	Trinity	Structure and Infrastructure	Adopt and implement a program for clearing debris from bridges, drains, and culverts	Montague	12030101, 12030103, 12030104	
03000717	03	Trinity	None	Continue to identify repetitive loss areas and structures.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000718	03	Trinity	Maintenance of the CASA (WX) Weather Radar System	The Collaborative Adaptive Sensing of the Atmosphere (CASA WX) project is a multi-sector partnership dedicated to engineering revolutionary weather-sensing networks	Denton	12030103, 12030104, 12030105	
03000719	03	Trinity	None	Purchase a backup generator to power Durden Street LiftStation	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03000720	03	Trinity	None	There are no dams or levees in the Tioga area that would create a hazard if they were to fail.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000715		Proposed		FEMA HMGP, City Funds	No		Implementation of erosion control projects limit the threat of erosion during a storm event to the surrounding structures.
03000716		Proposed		Local Funds, State and Federal Grants	No		Reduce damages caused by flooding by maintaining or restoring drainage capacity.
03000717		Proposed		City budget, hazard mitigation grants	No		\$30,000
03000718		Proposed		Mitigation Grants; Local budget	No		To save lives and minimize injuries due to severe weather. The system can also help in the assessment of damage after a severe weather event.
03000719	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		Enhance safety of population by helping ensure continued power supplies in emergency situations.
03000720	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000721	03	Trinity	Building Code enforcement and maintenance.	Mitigate wind related hazards by adopting and implementing new building codes in order to enhance tornado and wind resistance of structures.	Rockwall, Collin, Dallas	12030105, 12030106	120301060402, 120301060402, 120301060406, 120301060407, 120301050105, 120301060402, 120301060403, 120301060406, 120301060407, 120301060408, 120301060409, 120301060501
03000722	03	Trinity	Education and Awareness- Preparedness	Implement and enhance an area-wide telephone Emergency Notification System ("Reverse 911").	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03000723	03	Trinity	None	Create a city website to enhance the current public education program to address the risks and mitigation actions for the identified hazards and public outreach.	Hood	12030102	120301020301, 120301020301
03000724	03	Trinity	None	Hazard Hardening Retrofit for county/city facilities. Activities may include but are not limited to: flood proofing, impact resistant windows, storm shutters, roof straps, structural bracing, low-flow plumbing fixtures, roll-up door reinforcement, ground	Polk	12030202	
03000725	03	Trinity	Structure and Infrastructure	Upgrade drainage and targeted regrading of streets and properties that tend to retain water after large rain events resulting in having to pump out standing water.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000726	03	Trinity	None	Enhance and enforce building codes to meet most current ICC standards.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000727	03	Trinity	Education and Awareness	Obtain certification in the National Weather Service StormReady Program.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000728	03	Trinity	None	Improve road infrastructure in low water areas.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000721	120301060402, 120301060402, 120301060406, 120301060407, 120301050105, 120301060402, 120301060403, 120301060406, 120301060407, 120301060408, 120301060409, 120301060501	Proposed		General fund	No		More resilient buildings withstand higher wind speeds, reducing loss during high wind events and saving on reconstruction costs along with more durable finishes, which should last longer
03000722	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce risk to citizens through improved communication and early warning.
03000723	120301020301, 120301020301	Proposed		City Budget, Grants	No		\$30,000
03000724		Proposed		HMGP, PDM, CDBG	No		None listed
03000725		Proposed		Local Funds, HMA Grants	No		This will reduce the impact the city has seen from recent flash flooding events.
03000726		Proposed		City budget, grants	No		\$300,000
03000727	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time), State and Federal Grants	No		Reduce risk to citizens by educating the public on how to prepare for hazards and disasters.
03000728		Proposed		City budget, Texas Division of Transportation (TxDOT)	No		\$5,400,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000729	03	Trinity	Promote/Build retention ponds when appropriate	Requirement for retention ponds will be included in the city's Master Drainage Plan according to standards. Implement when applicable	Kaufman, Dallas	12030105, 12030106	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204
03000730	03	Trinity	None	Develop a zoning plan around the future Lower Bois D'Arc Lake area.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000731	03	Trinity	Structure and Infrastructure	Acquire and install generators with hard wired quick connections at all critical facilities.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000732	03	Trinity	None	Require sewage backflow prevention measures to reduce damage to structures from sewage backup following a flooding event	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03000733	03	Trinity	Develop and implement public education program that will inform the public on resources to mitigate the impacts of each identified hazard.	This public education program would be based on the hazards that the City of Denton identified as being vulnerable to. The program would use a combination of distributed literature, social media, and civic presentations to educate residents on natural ha	Denton	12030103, 12030104, 12030105	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000729	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204	Proposed		CDBG, included in new development funding	No		None listed
03000730	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		This would allow for the restrictions of building in floodplain areas. (NFIP)
03000731	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Provide power for critical facilities during power outages and ensure continuity of critical services
03000732	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		Local funds	No		Currently there are no requirements for sewage backflow prevention within the City. Flooding can cause sewage backup into new and existing buildings that can cost thousands of dollars to repair. The implementation of prevention devices will mitigate thes
03000733		Proposed		Mitigation Grants, HMGP, PDM, UASI, General Fund, Local Budget/Supplemental Funds	No		Mitigate against the impacts of flooding and other hazards.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000734	03	Trinity	None	Construct storm drainage improvements throughout the planning area to protect infrastructure, homes, and businesses	San Jacinto	12030202, 12030203	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103
03000735	03	Trinity	None	Improve emergency management radio coverage and reception.	Limestone	12030108, 12030201	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102
03000736	03	Trinity	Structure and Infrastructure	Install back-up generators for all WCID facilities.	Houston	12030201, 12030202	
03000737	03	Trinity	None	Create and implement a biannual inspection program to inspect the city-owned dams to help prevent dam failure.	Parker	12030101, 12030102	
03000738	03	Trinity	None	Evaluate the campus community's satisfaction with the UNTHSC notification systems and emergency shelters, and make improvements and adjustments as necessary.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000739	03	Trinity	None	Include hazard-related articles in the City newsletter	Johnson	12030102, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000734	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103	Proposed		HMGP, PDM	No		Social, technical, administrative, economic, legal benefits
03000735	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102	Proposed		FEMA mitigation grants, Dept. of Homeland Security (DHS) grants	No		Improved communications will lead to a faster and more effective response.
03000736		Proposed		HMGP Grants	No		Avoid disruption of essential utility services.
03000737		Proposed		General funds, mitigation grants	No		\$300,000
03000738		Proposed		Hazard mitigation grants, department budgets	No		\$60,000
03000739		Proposed		City	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000740	03	Trinity	Local Plans and Regulations	Require density/prohibit sprawl so that the amount of land area and the improvements thereon susceptible to Tornados and other natural hazards is significantly reduced	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03000741	03	Trinity	Harden Facilities	This action proposes hardening facilities. Hardening will include but is not limited to adding impact and wind-resistant doors, windows; reinforcing building foundations, elevating low-lying structures, upgrading and/or adding shatter-resistant films to	Freestone	12030105, 12030108, 12030201	
03000742	03	Trinity	Structure and Infrastructure	Evaluate access and road conditions for response vehicles. Develop and implement options to improve access and / or add redundant access routes in high risk areas.	Van Zandt	12030107	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304
03000743	03	Trinity	None	Purchase a backup generator to power Water Well Number7 (city's main water well) during a power outage.	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03000744	03	Trinity	Local Plans and Regulations	Incorporate higher standards for hazard resistance in local application of the building code.	Jack	12030101	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000740	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		Local and State Funding	No		Reduce risk to citizens and property by restricting future development.
03000741		Proposed		County, FEMA FMA, FEMA PDM, FEMA HMGP	No		None listed
03000742	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304	Proposed		Local Funds, State and Federal Grants	No		Reduce risk and spread of wildfires through maintained and redundant access routes in high risk areas; Improve response time for emergency services; Reduce risk of injury or damages; Provide additional ingress / egress routes through high risk areas to p
03000743	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		Enhance safety of population by helping ensure continued power supplies in emergency situations.
03000744		Proposed		Local Funds (staff time)	No		Reduce risk of damages to structures through improved construction techniques; Reduce recovery efforts for the community after an event.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000745	03	Trinity	None	Update and enhance the City's flood emergency operations plan	Johnson	12030102, 12030109	
03000746	03	Trinity	Local Plans and Regulations	Develop mutual aid agreements with neighboring communities to aid evacuation, removal, shelter, feeding of livestock during disaster events	Kaufman	12030105, 12030106, 12030107	
03000747	03	Trinity	Preventative Measures, Property Protection Actions	Notify FEMA of needed flood mapping revisions resulting from the 2015 flood. Current maps do not identify all flood prone areas. (NFIP)	Cooke	12030103, 12030104	
03000748	03	Trinity	Structure and Infrastructure	Storm drain system redirection and improvements at Garner Road, Chiesa Road, and Wayne Way.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000749	03	Trinity	Improve City of McKinney's capability to prepare for, respond to, and recover from flood events.	Complete a master plan of all major creeks in McKinney.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000745		Proposed		City	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03000746		Proposed		Agriculture grants, local revenue	No		Reduce loss of livestock in disaster events
03000747		Proposed		FEMA	No		When working with planning team members from each jurisdiction all mitigation ideas were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03000748		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of damages and injuries.
03000749	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney Funds, Stormwater Fund, Bond Program	No		\$20,000,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000750	03	Trinity	None	Bridge strengthening	Johnson	12030102, 12030109	
03000751	03	Trinity	None	Deepen and widen drainage ditches to eliminate flooding hazards by improving storm water runoff within the City.	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03000752	03	Trinity	Develop and Implement Meteorological, Stream, and Lake Monitoring Systems	Effective warning requires accurate and timely notifications. Denton County has very few stream gauges and only one official weather station to cover 933 square-miles. The development and implementation of this program could help save lives and property	Denton	12030103, 12030104, 12030105	
03000753	03	Trinity	None	Survey flood-prone areas of the county and increase culvert sizes in those areas to prevent future flooding.	Limestone	12030108, 12030201	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000750		Proposed		University, others to be identified	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03000751	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		PDM Grant, HMGP Grant, EMPG Grant	No		This would minimize the possible effects of flooding in a low-lying area by ensuring the rapid water runoff can occur safely without damaging new or existing structures. Much of the area north of Clark Avenue has very shallow ditches, which reduces the a
03000752		Proposed		Mitigation Grants; Budget	No		Ground truth information that will augment the National Weather Service and United States Geological Service monitoring systems. Provides real-time information in areas that have shown to be at high risk for repetitive losses.
03000753	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102	Proposed		FEMA mitigation grants, Texas Water Development Board, general revenues	No		Protection of life for county residents and protection of new and existing buildings.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000754	03	Trinity	Local Plans and Regulations	Increase freeboard requirements for permitting structures in the SFHA; Adopt a “no-rise” in BFE in the 100-year floodplain; Update local flood ordinance to prohibit granting of variance in SHFA; Include “cumulative damage” provision in local floo	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03000755	03	Trinity	Enact and enforce regulatory measures that enforce hazard mitigation measures	Develop, implement, and enforce building codes that would prevent building deterioration from structure-impacting hazards	Collin	12030103, 12030105, 12030106	
03000756	03	Trinity	Preventative Measures	Update local ordinances to include regulation of floodplain so that the community may participate in NFIP program. (NFIP)	Cooke	12030103, 12030104	
03000757	03	Trinity	Structure and Infrastructure	Evaluate access and road conditions for response vehicles. Develop and implement options to improve access and / or add redundant access routes in high risk areas.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000754	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds, State and Federal Grants	No		Reduce flood damages through development restrictions and improved construction requirements in flood-prone areas.
03000755		Proposed		General Fund	No		Building codes would help to promote better building standards such as including hail-resistant roofing and windows; wind and impact resistant doors, windows, and roofing ; wildfire breaks and fire resistant building materials; stricter foundation standa
03000756		Proposed		Budget	No		When working with planning team members from each jurisdiction all mitigation ideas t were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03000757	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce risk and spread of wildfires through maintained and redundant access routes in high risk areas; Improve response time for emergency services; Reduce risk of injury or damages; Provide additional ingress / egress routes through high risk areas to p

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000758	03	Trinity	Structure and Infrastructure	Develop and implement a maintenance protocol for Drainage Systems and Flood Control Structures in and around the Exall and Wycliffe Dams. Improvements may include roadway reconstruction, culvert / bridge construction and associated bank protection and im	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000759	03	Trinity	Structure and Infrastructure	Increase drainage capacity; Add stormwater detention and/or retention basins as deemed necessary to reduce flood risk.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000760	03	Trinity	Restrict development in high hazard areas.	Re-evaluate all existing floodplain construction restrictions to identify strengths and weaknesses in order to produce a standalone floodplain development restriction ordinance, update its existing flood damage prevention ordinance, and / or update its s	Leon	12030201, 12030202	
03000761	03	Trinity	Structure and Infrastructure	Rectify and enlarge main outfall channels for the Pinewood subdivision including excavating interior roadside ditches and driveway culvert system.	Hardin	12030202	120302021205
03000762	03	Trinity	Property Protection	Install permanently mounted 50KW generator, three (3) phase, on a concrete pad at the Walker County District Attorney's Office to provide continuous Critical services to the County and continuity of government.	Walker	12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000758		Proposed		Local Funds, State and Federal Grants, Private Businesses	No		Cost/Losses Avoided): Reduce risk of flooding to those within the area of these dams.
03000759	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, HMGP, CDBG, State and Federal Grants	No		Reduce flood risk through improved drainage capacity; Reduce risk of damages and injuries; Reduce emergency response demands.
03000760		Proposed		County, FEMA PDM, FEMA HMGP, FEMA FMA, TWDB	No		None listed
03000761	120302021205	Proposed		Operating budgets, PDM, HMGP, other grants	No		Flood damage mitigation – mitigation needed for 10 separate outfalls draining three interior sections of Pinewood, Sections 1, 2, and 3, to reduce/eliminate future flood damage to flood prone structures including 9 repetitive loss properties within WCI
03000762		Proposed		HMGP	No		More than a 1:4 cost-benefit ratio

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000763	03	Trinity	Purchase and plant trees on publicly-owned lands to limit impacts of severe events	Countless studies have shown the positive effect of trees on numerous aspects of life, including protection from urban flooding by limiting storm water flow, lowering use of heating and air conditioning, removing pollutants from the air and water, protec	Kaufman, Rockwall, Collin, Denton, Dallas	12030102, 12030103, 12030105, 12030106	
03000764	03	Trinity	None	Enhance the current high-water warning system, by adding automatic gates on the streets that normally flood.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000765	03	Trinity	None	Strengthen ordinance(s)/code(s) to control location of development, especially in low lying flood hazard areas	San Jacinto	12030202, 12030203	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103
03000766	03	Trinity	None	Per NFIP participation, improve drainage along waterways to protect new and existing structures from the 100-year flood.	Madison	12030202	
03000767	03	Trinity	None	Review and enhance the Town of Westlake's floodplain mitigation ordinances and policies as needed.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000768	03	Trinity	None	Maintain drainage pathways and clear any blockages	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000763		Proposed		HMGP, City Funds	No		Using the city of Davis, California as a model, existing data on the benefits and costs of municipal trees were applied to the results of a sample inventory of the city's public and private street trees. Results indicate that Davis maintained nearly 24
03000764		Proposed		City budget, grants	No		\$90,000
03000765	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103	Proposed		FMA, FPP	No		Social, technical, administrative benefits
03000766		Proposed		A flood study grant from the Texas Water Development Board and a FEMA mitigation grant to complete the project	No		Having improved culverts beneath the road bridges will allow all water to pass beneath the roads, thus allowing EMS vehicles to safely reach the city hospital
03000767		Proposed		Town funds, hazard mitigation grants	No		\$27,000
03000768	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To stop water from pooling.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000769	03	Trinity	Structure and InfrastructureProject	Implement stream restoration/channelizationprogram to ensure adequate drainage and diversion of storm water	Kaufman	12030105, 12030106, 12030107	
03000770	03	Trinity	Education and Awareness	Purchase NOAA "All-Hazards" radios for early warning and post-event information for all county government building locations, hospitals.	Houston	12030201, 12030202	
03000771	03	Trinity	Local Plans and Regulations	Increase freeboard requirements for permitting structures in the SFHA; Adopt a "no-rise" in BFE in the 100-year floodplain; Update local flood ordinance to prohibit granting of variance in SFHA; Include "cumulative damage" provision in local floo	Van Zandt	12030107	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304
03000772	03	Trinity	None	Purchase 700 –800 MHz radio systems for city emergency services (police and fire departments) and public works	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03000773	03	Trinity	Education and Awareness	Implement a flood awareness program by providing FEMA / NFIP materials to mortgage lenders, real estate agents and insurance agents and place them in local libraries.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000774	03	Trinity	Education and Awareness	Develop and implement NFIP public education program for residents affected by high flood risk areas.	Houston	12030201, 12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000769		Proposed		HMGP, Storm Water fee	No		Reduce potential flooding and improve drainage throughout storm water system
03000770		Proposed		Grants	No		Improve notification time and response to natural disasters and severe weather events.
03000771	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304	Proposed		Local Funds (staff time)	No		Reduce flood damages through development restrictions and improved construction requirements in flood-prone areas
03000772	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants, General Fund	No		This will help to make us interoperable with state and regional agencies and to also bring our region closer to its goals of interoperability and meet the goals of the Regional Communications Interoperability Plan.
03000773	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time)	No		Reduce flood risk through education and awareness; Increase flood insurance coverage.
03000774		Proposed		Local Revenue	No		Reduce economic and monetary losses from flooded structures.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000775	03	Trinity	None	Upgrade culverts, install bulkheads, and elevate roadbed along Hoot Road west of Shepherd to address repetitively damaged county roads	San Jacinto	12030202, 12030203	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103
03000776	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams within the county.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Ellis	12030102, 12030105, 12030108, 12030109	
03000777	03	Trinity	None	Develop printed materials, utilize existing materials, conduct workshops, and encourage residents to have family disaster plans that include emergency evacuation procedures & shelter-in-place emergency guidelines.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000778	03	Trinity	None	Elevate existing homes located downstream of Town Branch Dam in the dam failure inundation zone	Madison	12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000775	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103	Proposed		HMGP, PDM, FMA, GLO	No		Social, technical, administrative, legal, economic benefits
03000776		Proposed		HMGP, Watershed Authorities, dam sponsors, local sponsors, in-kind	No		Protect existing and new properties from the effects of all natural hazards including flooding.
03000777	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000778		Proposed		FEMA HMGP Grants and FMA Grants	No		Can save lives and prevent property damage by elevating structures above the Base Flood Elevation in the dam inundation zones.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000779	03	Trinity	None	Spillway for Dam located upstream Dessert Lake Rd. at the southeast limit of the County (Precinct 2) appears inadequate, increasing the risk of flooding of Desert Lake Rd. and downstream property.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000780	03	Trinity	Main "B" Drainage Channel	Improvements to Main B drainage channel including upgrading pump station	Liberty	12030202, 12030203, 12040202	
03000781	03	Trinity	Retrofit existing buildings to meet the requirements of the International Building Code	As the IBC is periodically updated, the town will update and enforce the code to require all structures within the town limits be built to these standards	Denton	12030103, 12030104, 12030105	
03000782	03	Trinity	Wolf Creek Lake Dam Improvements	Wolf Creek Lake Dam is a 28-foot high earthen dam with a normal capacity of 252 acre-feet and a crested spillway that discharges to the tributary system of Bassett Creek, within the Trinity River Basin	Anderson	12030105, 12030201	
03000783	03	Trinity	None	Purchase geographic information system (GIS) software for better identifying and mitigating at risk properties.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000784	03	Trinity	Education and Awareness	Acquire and distribute NOAA weather radios.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000779	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000780		Proposed		City Budget item, PDM, HMGP	No		More than a 1:4 cost-benefit ratio
03000781		Proposed		General funds; local funds	No		The International Building Code provides the framework for constructing structures that will most effectively mitigate the impacts of natural hazards.
03000782		Proposed		No cost listed	No		None listed
03000783		Proposed		Hazard mitigation grants, city budget	No		\$225,000
03000784	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce risk to citizens through improved communications and early warning.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000785	03	Trinity	Participate in the Community Rating System program (CRS)	The objective of the Community Rating System (CRS) is to reward communities that are doing more than meeting the minimum NFIP requirements to help their citizens prevent or reduce flood losses. The CRS also provides an incentive for communities to initia	Wise	12030101, 12030102, 12030103, 12030104	
03000786	03	Trinity	Education and Awarenss	Identify and pursue any mitigation activities that would assist efficient evacuations in Sour Lake, including but not limited to: improved signage, traffic monitoring systems, and encourage developers of new and future subdivisions to consider evacuation	Hardin	12030202	120302021205
03000787	03	Trinity	Develop and Implement a Flood Damage Prevention Ordinance	The jurisdiction will re-evaluate all existing flood damage prevention measures to identify strengths and weaknesses in order to develop and enforce a new flood damage prevention ordinance and identify a floodplain manager, in compliance with the NFIP.	Freestone	12030105, 12030108, 12030201	
03000788	03	Trinity	None	Upgrade technology and equipment within the Everman Emergency Operations Center that will allow better communications capability and planning capability for hazard mitigation.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000789	03	Trinity	None	Elevate and protect transportation infrastructure	Johnson	12030102, 12030109	
03000790	03	Trinity	Dredging Cedar Bayou	DredgingCedar Bayou in West Chambers County	Chambers	12030203, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306
03000791	03	Trinity	None	Improve drainage at low water crossings, to include culverts and or retention ponds.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000792	03	Trinity	None	Discuss the potential use of local school facilities and the American Legion Hall as a shelter facility after a hazard event	Johnson	12030102, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000785		Proposed		Flood Mitigation Assistance Program, General fund	No		The cost of this problem is low compared to the potential benefits of reducing or eliminating loss of life and property
03000786	120302021205	Proposed		HMGP, PDM	No		Life safety benefits through preparedness.
03000787		Proposed		City	No		None listed
03000788		Proposed		City budget, hazard mitigation grants	No		\$60,000
03000789		Proposed		County, Hazard Mitigation Grant Program, Pre-Disaster Mitigation, others to be identified	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03000790	120302030202, 120302030203, 120302030204, 120302030304, 120302030306	Proposed		USACE Project	No		Avoid losses to Residents and structures along Cedar Bayou
03000791		Proposed		City budget, grants	No		\$240,000
03000792		Proposed		Not Applicable	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000793	03	Trinity	Local Plans and Regulations	Provide tax incentives for development of low-hazard land parcels.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000794	03	Trinity	None	Study Valley View Branch to create solution for flooding at Texas Highway 10.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000795	03	Trinity	Structure and Infrastructure	Install back-up generators for all district buildings.	Houston	12030201, 12030202	
03000796	03	Trinity	Localized flooding in and around the vicinity of CR 1400	Cleaning debris, widening and installing box drains where necessary.	Henderson	12030105, 12030107, 12030201	
03000797	03	Trinity	None	Provide weather radios to identified special needs citizens (for example, elderly, rural, low-income).	Tarrant	12030101, 12030102, 12030103, 12030104	
03000798	03	Trinity	None	Periodic evaluation of dams in the county and work with property owners to develop action plans for private dams.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000799	03	Trinity	Structure and Infrastructure–Response and Recovery	Procure equipment or contracts to provide for emergency sandbagging of critical facilities and infrastructure during a high-water event.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000800	03	Trinity	None	Public Outreach and Education	Madison	12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000793	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time)	No		Reduce risk in high hazard areas by promoting and incentivizing development in low risk areas.
03000794		Proposed		City budget, grants	No		\$120,000
03000795		Proposed		HMGP Grants	No		Avoid disruption of essential utility services for all students and faculty during severe weather events.
03000796		Proposed		FEMA Grants/City Budget	No		High
03000797		Proposed		City budget, hazard mitigation grants, city funding for staff time	No		\$90,000
03000798	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Mitigate potential harm from dam failure.
03000799		Proposed		Local Funds, State and Federal Grants	No		The city currently does not have this capability. This action will reduce the damages at critical facilities.
03000800		Proposed		No source identified	No		Having an informed public about the dangers of living in a dam failure inundation area, and the importance of having flood insurance, can help save lives and property destruction

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000801	03	Trinity	Local Plans and Regulations; Natural Systems Protection	Adopt wetlands development regulations; Implement a Comprehensive Watershed Ordinance for new development.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03000802	03	Trinity	None	Reconstruction of Coral Ridge Avenue with green storm water infrastructure	Johnson	12030102, 12030109	
03000803	03	Trinity	Harden City Hall Against Severe Weather-related Natural Hazards	Currently, City Hall is vulnerable to natural hazards.	Ellis	12030102, 12030105, 12030108, 12030109	
03000804	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Ellis	12030102, 12030105, 12030108, 12030109	
03000805	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams within the county	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Denton	12030103, 12030104, 12030105	
03000806	03	Trinity	Structure and Infrastructure	Construction of new storm sewer inlets, mains, and underground detention system to reduce flooding in Northeast portion of the City.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000801	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Preserve/restore the natural function of the floodplain; Reduce flood damages and risk of injuries or fatalities through comprehensive development standards
03000802		Proposed		City, Watershed Improvement Review Board funding	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03000803		Proposed		PDM, HMGP, other federal/state grants, local funds, donations, in-kind	No		Hardening City Hall will protect lives and property.
03000804		Proposed		HMPG, Watershed Authorities, dam sponsors, local sponsors, in-kind	No		Protect existing and new properties from the effects of all natural hazards.
03000805		Proposed		HMPG, Water Shed Authorities, Dam Sponsors, Local Sponsors, In-Kind	No		Mitigate against flooding from dam failure.
03000806		Proposed		Local Funds, HMGP, State and Federal Grants	No		Reduce risk of flood damages through improved drainage capacity; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood event.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000807	03	Trinity	Improve the City of Grand Prairie's flooding information distribution and warning to citizens	Ensure that flood maps are updated in GIS with detailed flood information	Ellis, Tarrant, Dallas	12030102	
03000808	03	Trinity	Rehabilitate or retrofit identified high hazard critical infrastructure.	Retrofit the existing Emergency Operations Center to harden it against multiple hazards	Collin	12030103, 12030105, 12030106	
03000809	03	Trinity	Maintain NFIP compliance, storm water management, and implement drainage projects.	Based on assessment, develop and implement a buyout program for personal properties and structures located in the floodplain	Collin	12030103, 12030105, 12030106	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000807		Proposed		City budget, FEMA Community Assistance Program, State Support Services Element (CAP SSSE)FEMA RAMPP, FEMA CTP.	No		\$1,500,000
03000808		Proposed		HGMP, PDM, HMA, General Fund, Local, In-kind, Bond	No		Dry floodproofing ground floor; reinforcing doors and windows; installing flameretardant, hail and wind resistant external materials (window coatings, roofing); roof bracing; higher grade insulation; foundations stabilizers; lightning rods; soil stabili
03000809		Proposed		HMGF	No		The cost of this project is expensive compared to the limited number of structures that would be affected. Removing personal property and structures from the floodplain will reduce the impact of flooding in Collin County

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000810	03	Trinity	Structure and Infrastructure	Upgrade and elevate major roads to allow adequate runoff and drainage into existing roadside ditches and culverts and reduce flooding that occurs in some areas of town.	Van Zandt	12030107	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304
03000811	03	Trinity	None	Create a database for people with special needs for Colleyville emergency response: complete a memoranda of agreement (MOA) with Fort Worth for the Special Needs Assistance Program (SNAP), educate the citizens about the program, and enter information into	Tarrant	12030101, 12030102, 12030103, 12030104	
03000812	03	Trinity	None	Request an update to existing Flood Insurance Rate Maps for the City	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03000813	03	Trinity	None	Provide assistance to local building owners within the historic downtown district.	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000810	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304	Proposed		Local Funds, State, and Federal grants	No		Reduce risk of damages to roadways; Reduce flood damages to infrastructure; Ensure continuity of emergency services.
03000811		Proposed		City budget, grants	No		\$90,000
03000812	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		Local funds	No		Existing FIRMS are more than three decades old. By updating the maps, the city and its residents would have a better understand of the flood risk that they face and the future mitigation actions necessary to prevent losses to property that result from flood
03000813	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants and private funds	No		Once a study of the historic downtown district is complete and building officials and owners have the knowledge of the hazards associated with each of these buildings a program can be set up to make the necessary repairs and installation of any new techn

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000814	03	Trinity	Structural Projects	Installation of larger culverts, elevate roads and create better drainage in and around county roads that flood during heavy rain events.	Cooke	12030103, 12030104	
03000815	03	Trinity	Structure and Infrastructure, Natural Systems Protection	Conduct creek and stream bank erosion studies: conduct a study to identify vulnerability to stream bank erosion. Identify and implement cost effective actions.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000816	03	Trinity	Property Protection	Permanently install 100kw generator at Road & Bridge Precincts 1,2 & 3 barns to maintain continuityof government	Walker	12030202	
03000817	03	Trinity	None	Incorporate the procedures for tracking high water marks following a flood into emergency response plans	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000818	03	Trinity	Design and implement a comprehensive community awareness and education campaign to include hazard mitigation measures and actions.	The City of Paradise will design and implement a comprehensive, concerted campaign of community and education to inform city residents of the hazards present in their communities and actions they can take to mitigate hazard impacts	Wise	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000814		Proposed		Budget and Grants	No		When working with planning team members from each jurisdiction all mitigation ideas t were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03000815		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP)	No		Reduce losses related to flooding.
03000816		Proposed		PDM Program, HMGP	No		More than a 1:4 cost-benefit ratio
03000817	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000818		Proposed		General funds, HMGP, PDM, Local funds, donations, in-kind	No		Public education campaigns have high benefits from low costs.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000819	03	Trinity	Structure and Infrastructure	Add additional outdoor public warning sirens and upgrade existing sirens, including associated software and hardware.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03000820	03	Trinity	Structure and InfrastructureProject	Install automatic warning barricades at County Road 125 low-water crossing	Kaufman	12030105, 12030106, 12030107	
03000821	03	Trinity	Structure and Infrastructure	Retrofit Public Buildings and Critical Infrastructure: Improve wind engineering measures and construction techniques. This can include structural bracing, straps and clips, anchor bolts, laminated or impact-resistant glass, window shutters, or interlocki	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000822	03	Trinity	None	Implement strategic land-use planning mechanisms to ensure flood-resistant development occurs in flood-prone areas.	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03000823	03	Trinity	None	Install French drains around city owned structures.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000819	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		HMGP, potentially with some local funding as approved by city council	No		Reduce risk to the public.
03000820		Proposed		HMGP	No		Reduce risk to motorists driving across low water crossing during flooding
03000821		Proposed		Local Funds, State and Federal Grants	No		Reduce damages at public/critical facilities; Ensure continuity of critical services during and after event; Reduce risk of injury to emergency and critical personnel.
03000822	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		Local funds	No		This would minimize the possible effects of flooding in a low-lying area.
03000823	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To ensure that water doesn't pool around foundations.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000824	03	Trinity	Maintain NFIP compliance, storm water management, and implement drainage projects.	Culvert and road grade improvements to prevent flooding at Winningkoff Road, ¼ mile north of FM 3286	Collin	12030103, 12030105, 12030106	
03000825	03	Trinity	Provide training to campus and building administration.	Implement severe weather readiness and response.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03000826	03	Trinity	None	Install French drains around city owned structures.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000827	03	Trinity	None	When Lake Ralph Hall is constructed reevaluate Hazard Mitigation Plan	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000828	03	Trinity	Structure and Infrastructure, Natural Systems Protection (green space)	Buyout structures that are in the floodplain. Land Acquisition for repetitive loss structures.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000824		Proposed		Capital Improvement Plan, HMGP	No		This project directly affects the hazards addressed in Chapter 3 for occurrences of flooding within the city. This will also increase the existing conditions to the 100-year flood level of protection in order to protect the traffic flow on streets, as we
03000825	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		Frisco ISD	No		\$4,000
03000826	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To ensure that water doesn't pool around foundations.
03000827	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To incorporate changes to the floodplain. (NFIP)
03000828		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP), State and Federal Grants	No		Reduce the effects of flooding; Reduce risk to residents.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000829	03	Trinity	None	Remove repetitive loss structures out of the floodplain	Collin, Denton	12030103, 12030105, 12030106	120301050103, 120301050104, 120301060403, 120301060404, 120301060405, 120301060406, 120301060407, 120301030906, 120301031003, 120301030906, 120301031003
03000830	03	Trinity	Structural Projects	Channelization project for Pecan Creek to reduce flooding. (NFIP)	Cooke	12030103, 12030104	
03000831	03	Trinity	Develop and implement new building codes to mitigate against natural hazards.	The City of Ennis will adopt and enforce stricter building codes and ordinances for new construction	Ellis	12030102, 12030105, 12030108, 12030109	
03000832	03	Trinity	Structural Projects	Channelization of Elm Fork of the Trinity from California street to south of I-35 to reduce flooding events in the southeast part of the city. (NFIP)	Cooke	12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000829	120301050103, 120301050104, 120301060403, 120301060404, 120301060405, 120301060406, 120301060407, 120301030906, 120301031003, 120301030906, 120301031003	Proposed		CIP funds/ Pre-Disaster Mitigation Grant Funds and/or other funding methods	No		Removing structures threatened by flooding will mitigate the risk to lives and property while also reducing response costs
03000830		Proposed		Volunteer	No		When working with planning team members from each jurisdiction all mitigation ideas were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03000831		Proposed		General funds, state, federal grant funding, local funds, private donations	No		New building codes would give property owners an incentive to retrofit their structures. New construction would be built in accordance with the new building codes
03000832		Proposed		FEMA/Corps of Engineers	No		When working with planning team members from each jurisdiction all mitigation ideas were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000833	03	Trinity	Adoption of Higher Standards for New Publicly-Owned Structures	Update existing development standards to require that new publicly-owned structures are structurally reinforced against natural hazards (when cost-effective) to include, low-flow water units for drought, energy efficient windows and doors for extreme hea	Walker	12030202	120302020801, 120302020802, 120302020805
03000834	03	Trinity	Anderson County Projects	Develop, enhance and implement education programs to increase awareness of natural hazards and to inform residents of mitigation actions to reduce risk to citizens, public infrastructure, private property owners, businesses and schools.	Anderson	12030105, 12030201	
03000835	03	Trinity	Purchasing and distributing NOAA Weather Radios to public facilities	Provide early warning and mitigate hazard impacts by increasing the use of NOAA All-Hazard Weather Radios in public facilities, including schools	Ellis	12030102, 12030105, 12030108, 12030109	
03000836	03	Trinity	Education and Awareness	Acquire and distribute NOAA weather radios to all campus locations and administrative office locations	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03000837	03	Trinity	Clay County Individual Safe Room Rebates	Clay County Individual Safe Room Rebates	Clay	11130201, 11130209, 12030101	
03000838	03	Trinity	Promote the use of early warning systems.	Increase the ability of residents and businesses of Lone Oak to receive early warning from the National Weather Service. This would be accomplished by using grant funding to help purchase and distribute NOAA weather radios to vulnerable populations and b	Hunt	12030106, 12030107	120301060101, 120301060101, 120301060102, 120301070102
03000839	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams within the county.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Ellis	12030102, 12030105, 12030108, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000833	120302020801, 120302020802, 120302020805	Proposed		Existing Staff/In-Kind Services	No		Low-cost project that can be completed without grant funding or loans.
03000834		Proposed		No cost listed	No		None listed
03000835		Proposed		General fund, HMGP, PDM, local funds, donations, in-kind	No		To reduce loss of life and property.
03000836	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds, State and Federal Grants	No		Reduce risk to students and faculty through improved communications and early warning.
03000837		Proposed		Unknown	No		Unknown
03000838	120301060101, 120301060101, 120301060102, 120301070102	Proposed		General funds, federal grants, state grants	No		Advanced warning allows citizen to respond to natural hazards with more time to prevent loss of life and property damage.
03000839		Proposed		HMGP, Watershed Authorities, dam sponsors, local sponsors, in-kind	No		Protect community from inundation related to dam failure.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000840	03	Trinity	None	Clean and line Cedar Creek upstream of the railroad trestle within the corporate city limits.	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03000841	03	Trinity	Education campaign	Conduct hurricane outreach and education campaign.	Liberty	12030202, 12030203, 12040202	
03000842	03	Trinity	Structure and Infrastructure	Construct water retention ponds to collect storm water run-off, reduce flooding and use as an alternate water source throughout Hardin County.	Hardin	12030202	120302021205
03000843	03	Trinity	Local Plans and Regulations–Response and Recovery	Reinstitute a solicitation permitting program to combat fraudulent businesses practices.This will allow for the control of who can solicit door to door for repair work after a disaster resulting in widespread residential and commercial damage.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000844	03	Trinity	Assist citizens with funding for purchase of NOAA Weather Alert Radios.	Assist citizens with funding for purchase of NOAA Weather Alert Radios to warn residents of potential flood conditions	Ellis	12030102, 12030105, 12030108, 12030109	
03000845	03	Trinity	Plummers Creek Tributary Storm Sewer Improvements	Plummers Creek Tributary Storm Sewer Improvements	Limestone	12030108, 12030201, 12070103	
03000846	03	Trinity	Educational Outreach	This action will create a program to educate the public about specific mitigation actions for all hazards, including but not limited to participation in Wildfire Fuels Reduction, Tornado Saferooms, Structural Hardening, etc...	Freestone	12030105, 12030108, 12030201	
03000847	03	Trinity	Education and Awareness	Develop alternative evacuation routes / plans and designate emergency thoroughfares, particularly in areas with limited capacity. Educate citizens on evacuation routes and procedures.	Montague	12030101, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000840	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		Cleaning, lining and improving the creek will not only help to prevent flooding, but prevent property adjacent to the creek from eroding and facilitate in creating a aesthetically pleasing in and around the downtown area.
03000841		Proposed		PDM, HMGP	No		1:4 cost-benefit ratio
03000842	120302021205	Proposed		Operating budgets, local funding, PDM, HMGP	No		Prevent flooding damage to homes, improve water storage capacity for times of drought and fighting wildfires.
03000843		Proposed		Local Funds, State and Federal Grants	No		The city used to have this in place. It is currently being reviewed.
03000844		Proposed		HMGP, other grant funding, local funds, cost share	No		Weather Alert Radios are a proven means to provide information, alert, and warn citizens about natural hazard events, mitigating their impacts.
03000845		Proposed		Unknown	No		Unknown
03000846		Proposed		County, FEMA PDM, FEMA HMGP	No		None listed
03000847		Proposed		Local Funds, State and Federal Grants	No		Reduce risk to residents through improved evacuation alternatives and awareness efforts.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000848	03	Trinity	Structure and Infrastructure	Seek funding and construct centralized shelter(s) of last resort within the county that is elevated out of the flood prone area and designed for appropriate wind load, in coordination with the Texas Safe Shelter Initiative	Hardin	12030202	120302021205
03000849	03	Trinity	Structure and Infrastructure, Natural Systems Protection	Conduct stream bank erosion studies: conduct a study to identify vulnerability to stream bank erosion. Identify and implement cost effective actions.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000850	03	Trinity	Education and Awareness	Implement a community resource database for residents to access information regarding hazard risk and education guidelines to protect themselves and their property, including flood insurance information	Kaufman	12030105, 12030106, 12030107	
03000851	03	Trinity	Local Plans and Regulations	Upgrade Police / Fire Department radios' to digital.	Montague	12030101, 12030103, 12030104	
03000852	03	Trinity	Mandate Freeboard on Structures to Reduce Flooding Damage	This action proposes a re-evaluation of all existing floodplain construction restrictions to identify strengths and weaknesses in order to reduce future damages during flood events. Changes will include the addition of a freeboard requirement.	Leon	12030201, 12030202	
03000853	03	Trinity	Local Plans and Regulations	Prior to a hazard event, identify lead contacts for serving vulnerable populations and coordinate actions to maximize safety and information sharing. Access and functional needs populations (such as people with physical or developmental disabilities, the	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000854	03	Trinity	Structure and InfrastructureProject	Install outdoor siren system	Kaufman	12030105, 12030106, 12030107	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000848	120302021205	Proposed		HMGP, PDM, GLO, TWBD, Texas Safe Shelter Initiative Program, other grants available	No		Public safety and protection for special needs populations and first responders
03000849		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP)	No		Reduce losses related to flooding.
03000850		Proposed		Local Revenue	No		Reduce risk to residents, loss of lives, preparedness through education and awareness
03000851		Proposed		Local Funds (staff time), USDA, TxDOT	No		Current radios cannot be repaired; Ensure continuity of services.
03000852		Proposed		County, FEMA PDM, FEMA HMGP, FEMA FMA, TWDB, TCEQ	No		None listed
03000853		Proposed		General obligations bonding and city budget	No		Reduce risk of injury or fatality to citizens; Reduce economic impact of events; Reduce recovery time
03000854		Proposed		Grants	No		Early warning reduces loss of life and property to students and faculty for all severe weather events

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000855	03	Trinity	Provide adequate warning and communication before, during, and after a hazard event.	Purchase and Distribute NOAA Weather Radios to Vulnerable Residents	Collin	12030103, 12030105, 12030106	
03000856	03	Trinity	Retrofit an existing county structure to serve as a hardened county emergency operations center.	Structure would be retrofitted to mitigate impacts of tornadoes, flooding, hail, wildfire, severe winter storms, earthquake, dam failure, drought, extreme heat, and high winds. Hardening to include: roof brackets, impact/force resistant windows/doors, li	Wise	12030101, 12030102, 12030103, 12030104	
03000857	03	Trinity	Structure and Infrastructure	Acquire and install generator with hard wired quick connections at all critical facilities	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000858	03	Trinity	None	Improve drainage for storm water run-off along State Highway 289 where it is curb and gutter form North to South through Gunter	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000855		Proposed		Grant Funds, HMPG, PDM, Partial payment by receiving party, Local funds, in-kind, donations, citizen cost-share	No		Advanced warning and mitigation information saves lives which outweighs the cost of a radio. Weather Alert Radios are a proven means to alert and warn citizens and provide information about severe weather as well as other hazards and civil emergencies.
03000856		Proposed		HMGP, PDM, County budget, other federal/state grants, Local funds, donations, in-kind	No		Retrofitting a building currently in place, as opposed to constructing a new building, would save time and money.
03000857	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Provide power for critical facilities during power outages and ensure continuity of critical services
03000858	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000859	03	Trinity	Improvement /creation for long range management operation and evacuation plans for natural and manmade hazards	Develop a long term plan to create evacuation routes/plans for citizens to be implemented during hazard situations.	Henderson	12030105, 12030107, 12030201	
03000860	03	Trinity	Coordinate and participate with Denton County in the development of a CASA WX Radar system	A CASA radar system provides more accurate weather data and area specific data.	Denton	12030103, 12030104, 12030105	
03000861	03	Trinity	Public Information & Education	Citywide “reverse 911” or other phone notification system to enable local emergency officials to notify a specific population of emergency information pertaining such as flood advisories, flood warnings, and flood evacuations.	Cooke	12030103, 12030104	
03000862	03	Trinity	Natural Systems Protection	Acquire and preserve open spaces adjacent to floodplain areas.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03000863	03	Trinity	Structure and Infrastructure	Equip sewer manholes with watertight covers and inflow guards.	Jack	12030101	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000859		Proposed		Grant Funding	No		High
03000860		Proposed		City general funds, CBDG grant funds	No		This will permit faster response times for emergency personnel as well as appropriate assignment
03000861		Proposed		Budget	No		When working with planning team members from each jurisdiction all mitigation ideas t were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03000862	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce flood risk to structures and infrastructure in and near the floodplain; Reduce downstream impacts associated with development in the floodplain; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood even
03000863		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood water contamination; Reduce risk of surface water infiltration and sewage backup; Ensure continuity of critical services.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000864	03	Trinity	Education and Awareness	Apply enhancements and additional equipment to outdoor warning sirens. These enhancements will allow the city to expand coverage to areas not covered.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000865	03	Trinity	Structure and Infrastructure	Equip sewer manholes with watertight covers and inflow guards.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000866	03	Trinity	None	Storm and sanitary sewer system improvements	Johnson	12030102, 12030109	
03000867	03	Trinity	None	Determine erosion control techniques to use on area creek banks.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000868	03	Trinity	Structure and InfrastructureProject	Retrofit existing campus buildings and revise building code standard to include more stringent commercial code requirements, such as hurricane clips, strapping, water efficient plumbing fixtures and additional insulation to mitigate extreme heat and wint	Kaufman	12030105, 12030106, 12030107	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000864		Proposed		Local Funds, State and Federal Grants	No		Reduce risk to citizens through improved communications and early warning.
03000865	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood water contamination; Reduce risk of surface water infiltration and sewage backup; Ensure continuity of critical services
03000866		Proposed		City, Community Development Block Grant, others to be identified	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03000867		Proposed		City budget	No		\$500,000
03000868		Proposed		HMGP, grants	No		Reduce loss of lives, building repairs from tornado events and associated winds

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000869	03	Trinity	None	Public announcements through reverse telephonic system as well through broadcasting local cable channels	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000870	03	Trinity	Structure and Infrastructure, Local Plans and Regulations	Conduct a risk and vulnerability assessment to determine the number of people, property and infrastructure exposed to flooding and wildfire hazards and identify appropriate action items Implement feasible alternatives for riskreduction.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000871	03	Trinity	None	Review repetitive loss properties and work with homeowners to remove them using FEMA funding.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000872	03	Trinity	Structure and Infrastructure	Flood-proof sewage treatment plants in flood hazard / low-lying areas.	Montague	12030101, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000869	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000870		Proposed		Local Funds, State and Federal Grants	No		Improve risk assessment; Reduce risk of damages and injuries.
03000871		Proposed		Flood Mitigation Assistance, city funds	No		\$180,000,000
03000872		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood water contamination; Reduce risk of surface water infiltration and sewage backup; Ensure continuity of critical services.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000873	03	Trinity	Promote the use of early warning systems.	Implement early warning programs for Quinlan residents	Hunt	12030106, 12030107	120301060101, 120301060101, 120301060102, 120301070102
03000874	03	Trinity	Purchase and implement telephone-based notification system	Provide emergency notifications and information through purchasing and implementing a telephone-based notification system.	Ellis	12030102, 12030105, 12030108, 12030109	
03000875	03	Trinity	Structure and InfrastructureProject	Install quick connect emergency generator hook-ups for college campus buildingsin Kaufman County	Kaufman	12030105, 12030106, 12030107	
03000876	03	Trinity	None	Floodplain management	Johnson	12030102, 12030109	
03000877	03	Trinity	Structure and Infrastructure	Install backup generators and automatic transfer switches (UPS systems) in all city facilities that house critical infrastructure, personnel and equipment to include existing and new City of Lancaster facilities.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000873	120301060101, 120301060101, 120301060102, 120301070102	Proposed		City Administration, City Council	No		The City of Quinlan should consider a variety of possible alternatives for providing early warnings for weather events. This may include participation in Code Red, implementation of a weather radio program, outdoor early warning sirens or other possible
03000874		Proposed		General fund, HMGP, local funds, donations, in-kind	No		To save lives.
03000875		Proposed		HMGP, grants	No		Reduce time to hardwire backup generators during and following disaster events; reduce response time to disaster situations; maintain essential services to residents
03000876		Proposed		University, others to be identified	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03000877		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP)	No		Reduce losses of life and property.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000878	03	Trinity	None	Determine owners of all high and significant hazard dams in Grayson County and obtain copies of all EAPs submitted to TCEQ for these dams. Review inundation mapping and disseminate copies to appropriate jurisdictions for incorporation into the Hazard Mi	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000879	03	Trinity	Develop public education campaigns to disseminate information about actions to mitigate potential loss of life, injuries and property damage resulting from natural hazards	Develop and implement a comprehensive public education program to educate on the actions to help mitigate the impacts of each identified hazard.	Collin	12030103, 12030105, 12030106	
03000880	03	Trinity	None	Determine feasibility of ordinance to require underground power line	Johnson	12030102, 12030109	
03000881	03	Trinity	None	Start a social media outlet for the Office of Emergency Management to notify citizens of the potential hazards that may impact them.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000878	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000879		Proposed		General Fund	No		Public education can help educate the public to reduce personal and property damage during disasters. Program will include information about hazard mitigation
03000880		Proposed		City	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03000881		Proposed		City budget, city funding for staff time	No		\$12,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000882	03	Trinity	None	Incorporate a property buyout program for properties within flood-prone areas	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03000883	03	Trinity	Public Education on Code Red	Provide public training and education materials about the Code Red system and how to register for the warning system notifications	Henderson	12030105, 12030107, 12030201	
03000884	03	Trinity	None	Install flexible pipelines to retrofit new and existing infrastructure.	Parker	12030101, 12030102	
03000885	03	Trinity	Local Plans and Regulations	Require erosion / sedimentation controls for new construction; Include on-site sediment retention as a development requirement.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000886	03	Trinity	None	In flood prone areas, encourage homeowners to install backflow valves to prevent reversal flow conditions within the city sewerage system. Provide valving component.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000882	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		NFMF, PDM Grant Program, EMPG Grant Program	No		This would minimize the possible effects of flooding in the area by reducing the number of buildings within flood-prone areas, thereby reducing the potential for property and structural losses due to flooding.
03000883		Proposed		City Budget	No		Medium
03000884		Proposed		Capital Project Fund, grants	No		\$100,000
03000885	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time)	No		Reduce risk of flood damages due to erosion or scour during flood events.
03000886	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000887	03	Trinity	Coordinate with USACE and County on Lake Ray Roberts Inundation Maps and Dam Breach Emergency Action Plan	Engage USACE and open discussions on status of Lake Ray Roberts Dam Breach Emergency Action Plan. Coordinate with update and development of Inundation Maps	Denton	12030103, 12030104, 12030105	
03000888	03	Trinity	Purchase and install generators at designated critical infrastructure.	Purchase and install generators at designated critical infrastructure.	Denton	12030103, 12030104, 12030105	
03000889	03	Trinity	Education and Awareness	Implementan emergency evacuation plan for students and faculty in the event of natural disasters and periodically conduct drills to ensure safeand expeditious evacuations.	Houston	12030201, 12030202	
03000890	03	Trinity	None	Build out safe room.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000891	03	Trinity	None	Enhance the public education system to include mitigation strategies for all identified hazards.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000887		Proposed		USACE; HMGP; General fund; local grants; FEMA, USDA; NFIP; In-kind	No		Mitigate against flooding from dam failure.
03000888		Proposed		HMGP, PDM, Local Funds, donations	No		Generators would ensure continuity of public services, saving lives and recovery time.
03000889		Proposed		HMGP Grants	No		Reduce potential loss of life to students and faculty from severe weather events; improve emergency response time in the event of evacuation.
03000890	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000891		Proposed		Hazard mitigation grants, local funds, local funding for staff time	No		\$90,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000892	03	Trinity	Culvert improvement program	Develop culvert widening and clean out program.	Liberty	12030202, 12030203, 12040202	
03000893	03	Trinity	Local Plans and Regulations	Adopt on-site retention basin program in conjunction with development to address excessive stormwater / firefighting water source.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000894	03	Trinity	None	Partner with the county to establish a Certified Countywide Floodplain Manager position.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000895	03	Trinity	Property Protection	Removal of debris, silt and vegetation obstacles in drainageways. Project will clear obstacles, mow and reshape ditches, and upgrade culverts to restore adequate drainage to mitigate flooding	Liberty	12030202, 12030203, 12040202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000892		Proposed		USACE-Small Flood Control Projects, TxDOT, HMGP, USACE-Clearing and Snagging Projects, CDBG, USDA NRCS, PDM	No		1:4 cost-benefit ratio
03000893	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time)	No		Requiring developers to implement on-site retention basin for new developments will prevent downstream impacts, reduce impacts to floodplain and provide additional potential water sources for firefighting uses.
03000894	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		The positions would answer questions, monitor floodplain areas, identify new areas of concern, and provide public education on flood mitigation. (NFIP)
03000895		Proposed		HMGP	No		More than a 1:4 cost-benefit ratio

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000896	03	Trinity	Provide for erosion control measures	Provide for erosion control measures at Luke Street Bridge drainage outfall.	Liberty	12030202, 12030203, 12040202	
03000897	03	Trinity	Structural Projects	Engineer evaluation of drainage issues at Administration Building to determine corrective action for water seepage into building.	Cooke	12030103, 12030104	
03000898	03	Trinity	Education and Awareness	Purchase and install outdoor warning sirens.	Van Zandt	12030107	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000896		Proposed		Local funding through Capital Improvements and operating budget, 406 Public Assistance (following federal disaster declaration), HMGP, PDM Program	No		1:4 cost-benefit ratio
03000897		Proposed		Budget	No		When working with planning team members from each jurisdiction all mitigation ideas t were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03000898	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304	Proposed		Local Funds, State, and Federal grants	No		Reduce risk to citizens through improved communications and early warning.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000899	03	Trinity	Develop a coordinated system of emergency evacuation routes.	Work with Liberty County, TxDOT and other neighboring cities to develop a coordinated system of emergency evacuation routes.	Liberty	12030202, 12030203, 12040202	
03000900	03	Trinity	Local Plans and Regulations- Response	Adopt subdivision regulations including installation of permanent address markings to aid in post-incident emergency response, assessment, and expedite recovery processes.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000901	03	Trinity	None	Acquire properties at risk of flooding and permanently remove them from special flood hazard areas. The city has six remaining repetitive loss properties, according to the flood claims database. At risk structures are located along Laurel Court, South Pa	Tarrant	12030101, 12030102, 12030103, 12030104	
03000902	03	Trinity	Implement "Turn around Don't Drown" campaign	Outreach and education for citizens on proper driving around flooding such as "Turn around, don't drown."	Denton	12030103, 12030104, 12030105	
03000903	03	Trinity	Structure and Infrastructure	Upgrade storm water capacity throughout the City of Lumberton. Actions include but are not limited to installing/upgrading culverts and headwalls, excavating and enlarging storm water ditches and canals.	Hardin	12030202	120302021205

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000899		Proposed		Local operating and capital budget, FEMA Hurricane Local Grant Program, FEMA Hazardous Materials Assistance Program, HMGP, PDM, FEMA Emergency Management Performance Grant, USDA Environmental Quality Incentives Program	No		1:4 cost-benefit ratio
03000900		Proposed		General obligations bonding, city budget, and/or property owners	No		Reduce risk of injuries or fatalities; Expedite recovery efforts.
03000901		Proposed		Drainage utility fund, hazard mitigation grants	No		\$22,250,000
03000902		Proposed		None listed	No		To protect lives during flooding.
03000903	120302021205	Proposed		PDM, HMGP, operating budgets, local funding	No		Improved floodwater outflow capacity from city centers and industrial complexes is needed to reduce/ prevent impacts of flash flooding.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000904	03	Trinity	None	Acquisition of homes below high hazard dams	Leon	12030201, 12030202	
03000905	03	Trinity	Stream 2C3 and 2C4 Channel Improvement	Improvements/widening of the channels of streams 2C3 and 2C4 in Garland to reduce flooding risks to residents and businesses along said streams.	Rockwall, Collin, Dallas	12030105, 12030106	120301060402, 120301060402, 120301060406, 120301060407, 120301050105, 120301060402, 120301060403, 120301060406, 120301060407, 120301060408, 120301060409, 120301060501
03000906	03	Trinity	None	Purchase portable generators to reduce the likelihood of failure that may occur to the city's drainage systems.	Collin, Denton	12030103, 12030105, 12030106	120301050103, 120301050104, 120301060403, 120301060404, 120301060405, 120301060406, 120301060407, 120301030906, 120301031003, 120301030906, 120301031003
03000907	03	Trinity	Ensure first responder capabilities to prepare for, respond to, and recover from identified hazards	Provide additional outdoor warning sirens to current notification system to provide 100 percent coverage.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000904		Proposed		General revenue or a mitigation grant from the Texas Water Development Board	No		Protection of lives and structures from the affects of dam failure.
03000905	120301060402, 120301060402, 120301060406, 120301060407, 120301050105, 120301060402, 120301060403, 120301060406, 120301060407, 120301060408, 120301060409, 120301060501	Proposed		To be proposed in a future budget; Mitigation grant funding	No		Homeowners along affected stream would save money on flood insurance premiums and possibly see an improvement in property values. Fewer insurance payments would be required under NFIP, and loss of life and property would be reduced
03000906	120301050103, 120301050104, 120301060403, 120301060404, 120301060405, 120301060406, 120301060407, 120301030906, 120301031003, 120301030906, 120301031003	Proposed		Pre-Disaster Mitigation Grant Funds and/or other grants	No		Access to back up generators will allow the city to have more control over drainage channels during a storm that could potentially flood areas of concern throughout the city. Also, portable generators will allow the City of Plano more flexibility and ver
03000907	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney Funds, FEMA	No		\$600,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000908	03	Trinity	Increase the ability of residents and businesses to receive early warning and hazard information from the National Weather Service. This would be accomplished by purchasing and distributing NOAA All Hazard Radios to each household and business in the coun	NOAA weather radios primarily distribute advanced warning about incoming severe weather and hazardous events. However, NOAA radios also deliver information about other hazards, including extreme heat, earthquakes, and drought.	Wise	12030101, 12030102, 12030103, 12030104	
03000909	03	Trinity	None	Clearing and re-channelization of water runoff from the Tejas North addition allowing it to drain south (east of Lamar) and under Lamar to existing ditch that ties into 377 culvert and on to Lake Ray Roberts	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000910	03	Trinity	Education and Awareness	Acquire and distribute NOAA weather radios to all campus locations and administrative office locations	Montague	12030101, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000908		Proposed		County Budget, Grant Funds, HMPG, PDM, Partial payment by receiving party, Local funds, in-kind, donations, citizen cost-share	No		Advanced warning saves lives, which outweighs the cost of the radios.
03000909	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000910		Proposed		Local Funds, State and Federal Grants	No		Provide power for school facilities during power outages and ensure safety of students and continuity of critical services.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000911	03	Trinity	Local Plans and Regulations	Adopt on-site retention basin program in conjunction with development to address excessive stormwater / firefighting water source.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03000912	03	Trinity	Increase student, faculty, and staff awareness of preparedness for severe weather events	Enhance current web site for student, faculty, and staff information such as shelter locations, shelter-in-place and emergency preparedness.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03000913	03	Trinity	None	Acquisition of structures located in the 100-year flood plain downstream of Gibbons Creek Reservoir	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03000914	03	Trinity	Structure and Infrastructure	Build or provide provision for mobile or back-up emergency operation center location in the event the primary site is rendered un-usable by a disaster event.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000915	03	Trinity	Acquire properties in floodplains	Acquire property located in the floodplain including properties located in subdivisions along the Trinity River.	Liberty	12030202, 12030203, 12040202	
03000916	03	Trinity	Education and Awareness	Obtain certification in the National Weather Service StormReady Program	Jack	12030101	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000911	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Requiring developers to implement on-site retention basin for new developments will prevent downstream impacts, reduce impacts to floodplain, and provide additional potential water sources for firefighting uses.
03000912	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		McKinney ISD and City of McKinney Funds	No		\$50,000
03000913	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		FEMA Hazard Mitigation Grants	No		Permanent removal of structures from this area can prevent property damage and save people's lives.
03000914		Proposed		Local Funds, State and Federal Grants	No		This is capability that has been identified in a recent needs assessment. Provide continuity of critical services.
03000915		Proposed		HMGP, Flood Mitigation Assistance Program, CDBG Program, HUD-Disaster Recovery Initiative, USACE	No		More than a 1:4 cost-benefit ratio
03000916		Proposed		Local Funds, State and Federal Grants	No		Reduce risk to citizens by educating the public on how to prepare for hazards and disasters.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000917	03	Trinity	Structure and Infrastructure	Upgrade undersized stormwater drains and culverts.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000918	03	Trinity	None	Pumps for critical facilities	Johnson	12030102, 12030109	
03000919	03	Trinity	None	Identify areas prone to flooding and mitigate, as appropriate, throughout the jurisdiction.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000920	03	Trinity	Adopt and Implement International Building Code for New Buildings	As the IBC is periodically updated, the Town will update and enforce the code to require all structures within the Town Limits be built to these standards.	Denton	12030103, 12030104, 12030105	
03000921	03	Trinity	None	Purchase and implement a mass notification system to alert residents of hazards.	Hood	12030102	120301020301, 120301020301
03000922	03	Trinity	City of Corsicana Generator for Fire Station 4 - Priority #4	City of Corsicana Generator for Fire Station 4 - Priority #4	Navarro	12030108, 12030109	
03000923	03	Trinity	Adopt and Implement International Building Code for New Buildings	Adopt and Implement International Building Code for New Buildings	Denton	12030103, 12030104, 12030105	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000917		Proposed		local funds, state and federal grants	No		Reduce risk of flood damages through improved drainage capacity; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood event.
03000918		Proposed		County, Hazard Mitigation Grant Program, Pre-Disaster Mitigation, others to be identified	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03000919		Proposed		General fund, hazard mitigation grants	No		\$3,000,000
03000920		Proposed		General funds, local funds	No		This action will help to reduce risk to existing buildings and infrastructure and limit risk to new and redevelopment facilities.
03000921	120301020301, 120301020301	Proposed		Mitigation Grant, General Fund	No		\$12,000
03000922		Proposed		Unknown	No		Unknown
03000923		Proposed		General funds, local funds	No		The International Building Code provides the framework for constructing structures that will most effectively withstand natural hazards

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000924	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Denton	12030103, 12030104, 12030105	
03000925	03	Trinity	Local Plans and Regulations, Natural System Protection	Adopt wetlands development regulations; Implement a Comprehensive Watershed Ordinance for new development.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03000926	03	Trinity	Assess and develop plans to improve critical infrastructure.	Develop policies and procedures on suspending post-disaster reconstruction permits.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03000927	03	Trinity	None	Develop a floodplain ordinance.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000928	03	Trinity	City of Melissa Warning Sirens	City of Melissa Warning Sirens	Collin	12030106	
03000929	03	Trinity	Infrastructure Improvement	Seek improvements for city streets and drainage through cleaning roadside ditches and replacement or implementation of infrastructure	Henderson	12030105, 12030107, 12030201	
03000930	03	Trinity	None	Animal Shelter Relocation Project	Johnson	12030102, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000924		Proposed		HMPG, Watershed Authorities, Dam Sponsors, local sponsors, In-kind	No		Protect existing and new properties from the effects of flooding and all natural hazards.
03000925	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds, State and Federal Grants	No		Preserve/restore the natural function of the floodplain; Reduce flood damages and risk of injuries or fatalities through comprehensive development standards.
03000926	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney funds	No		\$5,000
03000927		Proposed		City general fund, hazard mitigation grants	No		\$30,000
03000928		Proposed		Unknown	No		Unknown
03000929		Proposed		City Budget/Grants	No		Low
03000930		Proposed		Cities, Johnson County, University of Iowa, Federal Emergency Management Agency funds, othersto be identified	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000931	03	Trinity	Local Plans and Regulations–Response and Recovery	Plan for providing additional medical supplies and equipment for Animal Shelter to support operations during a disaster.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000932	03	Trinity	None	Increase and maintain existing drainage pathways and clear any blockages	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000933	03	Trinity	Develop public education campaigns to disseminate information about actions to mitigate potential loss of life, injuries and property damage resulting from natural hazards.	Adopt and promote a comprehensive public education program that provides resources to mitigate the impacts of each identified hazard.	Collin	12030103, 12030105, 12030106	
03000934	03	Trinity	Structure and Infrastructure , Local Plans and Regulations (for unmapped areas)	Undertake a comprehensive study of flood risk and reduction alternatives, with the assistance of the U.S. Army Corps of Engineers. Implement feasible alternatives for flood reduction.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000935	03	Trinity	Provide police first responders with access to locked doors.	Issue proximity access cards to all officers.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03000936	03	Trinity	Structure and InfrastructureProject	Install hazard-resistant materials on critical facilities such as shuttering or shatter-proof glass	Kaufman	12030105, 12030106, 12030107	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000931		Proposed		Local Funds, State and Federal Grants	No		The city's animal shelter is currently limited to the number of animals they can care for during a disaster. This effort will increase that capability.
03000932	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Stop water from pooling.
03000933		Proposed		General fund, HMGP, PDM, other state/federal grants, Local funds, citizen cost-share, donations	No		Public education is extremely effective for low cost. Adopt and promote a comprehensive public education program based on the hazards identified in this annex, including information on mitigation projects.
03000934	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Improve risk assessment; Reduce risk of damages or injuries through drainage improvements; Reduce risk of damages and injuries.
03000935	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		McKinney ISD, Frisco ISD	No		\$4,000
03000936		Proposed		HMGP	No		Reduce ongoing repairs and costs to building following a weather disaster event

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000937	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Denton	12030103, 12030104, 12030105	
03000938	03	Trinity	Education and Awareness	Implement and enhance an area-wide telephone Emergency Notification System ("Reverse 911").	Montague	12030101, 12030103, 12030104	
03000939	03	Trinity	Local Plans and Regulations	Increase freeboard requirements for permitting structures in the SFHA; Adopt a "no-rise" in BFE in the 100-year floodplain; Update local flood ordinance to prohibit granting of variance in SFHA; Include "cumulative damage" provisions in local flo	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03000940	03	Trinity	None	Install solar panels (backup for fuel burning generator).	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000941	03	Trinity	Education and Awareness	Implement a flood awareness program by providing FEMA / NFIP materials to mortgage lenders, real estate agents and insurance agents and place them in local libraries.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000937		Proposed		HMPG, Water Shed Authorities, Dam Sponsors, Local Sponsors, In-Kind	No		Mitigate against flooding from dam failure.
03000938		Proposed		Local Funds, State and Federal Grants	No		Reduce risk to citizens through improved communication and early warning.
03000939	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Reduce flood damages through development restrictions and improved construction requirements in flood-prone areas.
03000940	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000941	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local funds (staff time)	No		Reduce flood risk through education and awareness; Increase flood insurance coverage.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000942	03	Trinity	None	Conduct a hydrologic study to determine threat, risk, and potential impacts of flooding from Little Fossil Creek.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000943	03	Trinity	Increase culvert size	Increase culvert size to reduce flooding at Highway 90 and Waco Street.	Liberty	12030202, 12030203, 12040202	
03000944	03	Trinity	Structure and Infrastructure	Evaluate access and road conditions for response vehicles. Develop and implement options to improve access and / or add redundant access routes in high risk areas.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03000945	03	Trinity	Education and Awareness	Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03000946	03	Trinity	None	Review and enhance the Stormwater Management Plan.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000947	03	Trinity	Structure and Infrastructure	Construct structure(s) of last resort with in the town that is elevated out of the flood prone area and designed for the appropriate wind load in compliance with the safe shelter initiative.	Hardin	12030202	120302021205

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000942		Proposed		Grants, general fund, county funds	No		\$12,000,000
03000943		Proposed		Local funding through Capital Improvements and operating budget, 406 Public Assistance (following federal disaster declaration), HMGP, PDM Program	No		1:4 cost-benefit ratio
03000944	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds, State and Federal Grants	No		Reduce risk and spread of wildfires through maintained and redundant access routes in high risk areas; Improve response time for emergency services; Reduce risk of injury or damages; Provide additional ingress/egress routes through high risk areas to pre
03000945	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of injuries, fatalities, and damages through education and awareness.
03000946		Proposed		City budget, grants	No		\$90,000
03000947	120302021205	Proposed		Local funding, HMGP, Texas Safe Shelter	No		Public safety and protection for special needs populations.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000948	03	Trinity	None	Develop and maintain voluntary building codes that would prevent building deterioration from structure-impacting hazards.	Navarro	12030105, 12030107, 12030108, 12030109, 12030201	
03000949	03	Trinity	Structure and Infrastructure	Construct a hardened, hazard-resistant public safety complex.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000950	03	Trinity	Natural System Protection	Fence emergency spillway to prevent 4-wheeler, trucks, andATVtraffic from destroying natural vegetation, causing erosion during severe rainfall event.	Houston	12030201, 12030202	
03000951	03	Trinity	Education and Awareness	Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000952	03	Trinity	Property Protection	Removal of debris, silt and vegetation obstacles in drainage ways. Project will clear obstacles, mow and reshape ditches, and upgrade culverts to restore adequate drainage to mitigate flooding	Liberty	12030202, 12030203, 12040202	
03000953	03	Trinity	Conduct a hazard/vulnerability assessment of personal properties and structures located in flood zones within Unincorporated Collin County.	Hire consultant to complete new inundation studies of all high and moderate hazard dams.	Collin	12030103, 12030105, 12030106	
03000954	03	Trinity	Structure and Infrastructure	Identify flood-prone and repetitive loss properties through the Texas Water Development Board. Identify and implement actions to reduce or eliminate flooding at identified properties.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000948		Proposed		General funds	No		Low - Benefits outweigh costs
03000949		Proposed		Local Funds, HMGP, Bonds	No		Reduce risk to critical assets and ensure continuity of emergency services
03000950		Proposed		FEMA Grant	No		Avoid erosion of dam and outlying areas.
03000951		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of injuries, fatalities and damages through education and awareness.
03000952		Proposed		HMGP	No		More than a 1:4 cost-benefit ratio
03000953		Proposed		HMPG, Water Shed Authorities, Dam Sponsors, Local sponsors, In-kind	No		Dam Failure data deficiency identified in Chapter 3. Identify all structures and infrastructures that would be impacted by a potential dam failure.
03000954	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of damages or injuries through flood mitigation at high risk structures; Reduce the need for emergency response in high risk areas; Reduce repetitive flood losses / claims; Reduce community recovery efforts and costs.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000955	03	Trinity	Structure and Infrastructure	Harden/retrofit critical facilities to hazard-resistant levels.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000956	03	Trinity	Structure and Infrastructure	Implement program to remove 300' of debris from trestle bridge at CR 2120	Houston	12030201, 12030202	
03000957	03	Trinity	None	Utilize NOAA radios and "school messenger" program to obtain latest weather information and for the quickest relay of school information to the public.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000958	03	Trinity	None	Adopt and implement most current International Code Council (ICC) building codes for new and existing buildings to mitigate the damage from these identified hazards.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000959	03	Trinity	None	Establish resource requirements and identify resources to help determine adequate resources to respond to identified hazards.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000960	03	Trinity	Construct Storm Drainage Infrastructure	This action proposes constructing new storm drainage infrastructure and / or improving existing infrastructure to reduce the potential impacts of future flood even	Trinity	12030202	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000955		Proposed		Local Funds, State and Federal Grants	No		Reduce damages at critical facilities; Ensure continuity of critical services during and after event; Reduce risk of injury to emergency and critical personnel.
03000956		Proposed		Grants	No		Reduced flooding of newly paved road that washes out due to obstruction of debris at trestle bridge.
03000957	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Promote awareness of flood risk.
03000958		Proposed		City budget, building permit fees	No		\$9,000
03000959		Proposed		City Budget	No		\$6,000
03000960	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103	Proposed		City of Trinity, FEMA FMA, FEMA PDM, FEMA HMGP	No		Existing infrastructure

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000961	03	Trinity	None	Promote the inclusion of low impact development requirements in local and regional ordinances.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000962	03	Trinity	Education and Awareness	Implement education and awareness program utilizing media, social media, bulletins, flyers, etc. to educate citizens of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damages.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03000963	03	Trinity	Local Plans and Regulations	Continue participation in the National Flood Insurance Program (NFIP) and participate in the Community Rating System (CRS). Activities may include: improvement of flood mapping and elevation data, mitigation for repetitive loss properties, instituting hi	Hardin	12030202	120302021205
03000964	03	Trinity	Local Plans and Regulations	Implement tree trimming program and clear critical right of ways (electrical easements, road access, etc.) from overhanging limbs	Kaufman	12030105, 12030106, 12030107	
03000965	03	Trinity	None	Classroom education and programs such as "Turn around Don't Drown".	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000966	03	Trinity	Construct enhancements or additions to current and new facilities which mitigate the effects of natural hazards	Add all-directional sirens and solar panels to the outdoor warning system to notify the public of impending severe weather.	Collin	12030103, 12030105, 12030106	
03000967	03	Trinity	Harden county-owned structures that are identified as vulnerable to natural hazards	Prior to this action, a survey would be conducted on all county-owned facilities to determine vulnerability to all hazards listed in the Wise County HazMAP. Structures would then be mitigated against all deficiencies identified in the survey. Examples in	Wise	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000961		Proposed		Hazard mitigation grants, agency budge	No		\$3,000,000
03000962	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds (staff time), State and Federal Grants	No		Promote hazard awareness and protect citizens from potential injuries and damages.
03000963	120302021205	Proposed		Operating budget	No		Maintain NFIP compliance and benefits, mitigate flooding, and reduce cost of flood insurance.
03000964		Proposed		HMGP, Local Revenue, utility fee	No		Reduce danger to lives and property from falling limbs, trees, as a result of severe weather events; improve access for first responders
03000965	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Promote awareness of flood risk.
03000966		Proposed		General Fund	No		All directional sirens would multiply the area of effect for the outdoor warning system. Solar panels would add a level of resiliency by protecting the sirens against power outages that can accompany severe weather
03000967		Proposed		County budget, HMGP, PDM, Local funds, in-kind	No		Hardening structures against natural hazards will reduce losses to life and property in the future.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000968	03	Trinity	Adopt and promote mitigation public education program	Program will provide education on how to mitigate against hazards.	Denton	12030103, 12030104, 12030105	
03000969	03	Trinity	None	Adopt enhanced floodplain ordinances.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000970	03	Trinity	None	Schedule a Community Assistance Visit (CAV) by FEMA or a State agency on behalf of FEMA to assure that the city is adequately enforcing its floodplain management regulations.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000971	03	Trinity	None	Increase culvert sizes to allow for more flood water to flow beneath major roads	Leon	12030201, 12030202	
03000972	03	Trinity	None	Provide flood mitigation risk mapping via geographic information systems (GIS) to property owners and developers in floodplains.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000973	03	Trinity	Expand outdoor warning systems to new developments	Adding three outdoor warning sirens to the system in new residential sub-divisions would help increase the coverage area to all parts of the city.	Ellis	12030102, 12030105, 12030108, 12030109	
03000974	03	Trinity	Implement subdivision ordinance	Implement subdivision ordinance regulations concerning building in flood-prone areas.	Liberty	12030202, 12030203, 12040202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000968		Proposed		General funds; Grants; Local funds, In-kind	No		Mitigation against flood hazards
03000969		Proposed		City budget, Hazard Mitigation Grant Program (HMGP)	No		\$30,000
03000970		Proposed		City general fund, hazard mitigation grants	No		\$6,000
03000971		Proposed		FEMA Hazard Mitigation Grant Funds	No		Prevents major road closures due to flood waters crossing the roads and allows emergency response vehicles to reach their destination.
03000972		Proposed		City funds, hazard mitigation grants	No		\$18,000
03000973		Proposed		HMGP, general fund, local funds, donations, in-kind	No		Early warnings have been shown to help save lives and property from severe weather events.
03000974		Proposed		Staff time and resources, HMGP, TWDB-Research and Planning Fund Grants, PDM	No		1:4 cost-benefit ratio

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000975	03	Trinity	None	Improve drainage for storm water run-off along Pearce Drive, Preston Drive and in Texoma Ranch Estate subdivision	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03000976	03	Trinity	None	Work with TXDOT in the planning of the Highway 11 Improvement Project	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03000977	03	Trinity	Structure and Infrastructure	Upgrade undersized stormwater drains and culverts.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03000978	03	Trinity	None	Enhance the public education program with the use of social media, city website, and city newsletter to educate residents on mitigation strategies for the identified hazards.	Tarrant	12030101, 12030102, 12030103, 12030104	
03000979	03	Trinity	Fannin County Multi-Jurisdictional Mitigation Action Plan Update	Fannin County Multi-Jurisdictional Mitigation Action Plan Update	Fannin	11140101, 11140301, 12030106	
03000980	03	Trinity	Interlocal/Multi jurisdiction Coordination	Partner with other local and regional jurisdictions in projects such as the Regional MultiAgency Coordination Group; make sure local officials and EMCs know how to contact the MAC-G if needed	Henderson	12030105, 12030107, 12030201	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000975	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03000976	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Volunteers	No		Mitigate flooding.
03000977	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds (staff time), State and Federal Grants	No		Reduce risk of flood damages through improved drainage capacity; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood event.
03000978		Proposed		City operating budget, hazard mitigation grants, city funding for staff time	No		\$12,000
03000979		Proposed		Unknown	No		Unknown
03000980		Proposed		No cost associated	No		Low

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000981	03	Trinity	Critical facility and Infrastructure retrofitting	Replacement of anchors on the water tower to add more stability during storms or hazard weather	Henderson	12030105, 12030107, 12030201	
03000982	03	Trinity	None	Acquire, relocate, and/or elevate flood prone structures	Johnson	12030102, 12030109	
03000983	03	Trinity	Build an Emergency Operations Center	The EOC will be the main coordination point for all hazard and special events.	Denton	12030103, 12030104, 12030105	
03000984	03	Trinity	Structure and Infrastructure	Adopt and implement a routine tree trimming program that clears tree limbs near power lines and / or hanging in right-of-way; Remove dead trees from right-of-way and drainage systems on a scheduled basis.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03000985	03	Trinity	Buyout properties in hazardous areas	This project would enable homeowners to voluntarily sell their vulnerable properties to the city. Eligible homes would be those in floodplains or dam inundation zones.	Kaufman, Rockwall, Collin, Denton, Dallas	12030102, 12030103, 12030105, 12030106	
03000986	03	Trinity	None	Review, update, and enforce current jurisdictional ordinances and building codes.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000981		Proposed		City Budget	No		High
03000982		Proposed		County, Hazard Mitigation Assistance, others to identified	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03000983		Proposed		HMPG,PDM, general fund, local funds, grants	No		As the town grows, it will require a central location do coordinate emergencies.
03000984	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce damages to infrastructure; Ensure continuity of services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations.
03000985		Proposed		HMGP, other state/federal grants	No		The investment of federal funds into purchasing properties in the floodplain is paltry compared to the amount of RL/SRL claims each year
03000986		Proposed		Town funding for staff time	No		0

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000987	03	Trinity	Conduct public education campaigns to insure Hunt County	Adopt and promote public education program.	Hunt	12030106, 12030107	120301060101, 120301060101, 120301060102, 120301070102
03000988	03	Trinity	Structure and Infrastructure; Education and Awareness	Purchase and install a Weather Tracking Station that integrates with NWS Warning systems.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03000989	03	Trinity	None	Prevent any new structures from being located in the identified flood hazard area downstream of Fort Parker Lake Dam.	Limestone	12030108, 12030201	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000987	120301060101, 120301060101, 120301060102, 120301070102	Proposed		General funds, State, federal grant funding	No		The public education program would target hazards identified in this plan, identify ways for the public to taken mitigating actions, and distribute mitigation information to residents. Awareness of local natural hazards and how to implement mitigation me
03000988	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		HMGP or other grant program funding	No		Reduce risk to residents by providing advanced information and faster warnings, thereby mitigating loss of life and property.
03000989	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102	Proposed		None listed	No		New buildings and structures will not be allowed to be built downstream of Lake Fort Parker in the identified flood hazard area by amending the local floodplain ordinance.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000990	03	Trinity	Upgrade Infrastructure Prone to Flooding	This action may include general roadway elevation; upgrading culverts and installing headwalls; upgrades and reinforcement of bridges and bridge footings; etc.	Trinity	12030202	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103
03000991	03	Trinity	Purchase generator for City Hall	Purchase generator for City Hall to run water well, air conditioning and lights during emergencies.	Liberty	12030202, 12030203, 12040202	
03000992	03	Trinity	Harden City Hall Against Severe Weather-related Natural Hazards	Windows and doors would be reinforced, insulation would be updated, and a lightning rod would be installed to mitigate against extreme weather.	Ellis	12030102, 12030105, 12030108, 12030109	
03000993	03	Trinity	Structure and Infrastructure	Acquire and install generators with hard wired quick connection at all critical facilities or replace existing generators with larger generator capacity to meet emergency sheltering and operation needs.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03000994	03	Trinity	Education and Awareness	Implement and enhance an area-wide telephone Emergency Notification System ("Reverse 911").	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03000995	03	Trinity	Develop and Implement Program to purchase and distribute NOAA Weather Radios to Citizens	Develop a plan for acquiring and distributing NOAA All Hazard Radios to households and businesses	Denton	12030103, 12030104, 12030105	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000990	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103	Proposed		County, FEMA PDM, FEMA FMA, FEMA HMGP	No		Existing Infrastructure
03000991		Proposed		HMGP	No		1:4 cost-benefit ratio
03000992		Proposed		PDM, HMGP, other federal/state grants, local funds, donations, in-kind	No		To mitigate against flooding and extreme weather.
03000993		Proposed		Local Funds, HMGP, other funding sources	No		Reduce loss of power to critical facilities, maintain facility functionality
03000994	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce risk to citizens through improved communication and early warning.
03000995		Proposed		HMGP; General fund; Partial Payment by Receiving Party; Local grants; In-kind	No		Provide a warning system to protect against the impacts of flooding and other hazards.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03000996	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams within the county.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Ellis	12030102, 12030105, 12030108, 12030109	
03000997	03	Trinity	Natural Systems Protection	Retain and maintain natural vegetation in stormwater channels	Montague	12030101, 12030103, 12030104	
03000998	03	Trinity	Structure and InfrastructureProject	Install permanent generator at hospital complex in the event of power failure	Kaufman	12030105, 12030106, 12030107	
03000999	03	Trinity	Structure and Infrastructure	Flood proof critical facilities to the 500-year flood that are located in flood-prone areas of the city.	Houston	12030201, 12030202	
03001000	03	Trinity	Structure and Infrastructure–Response and Recovery	Expand City drone program to allow for damage assessment and recovery support after an incident causing widespread residential and commercial damage.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001001	03	Trinity	Structure and Infrastructure	Provide access to Van Zandt County Road 2704 through construction of an 18 x 20 foot bridge structure.	Van Zandt	12030107	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03000996		Proposed		HMGP, Watershed Authorities, dam sponsors, local sponsors, in-kind	No		Protect existing and new properties from the effects of all natural hazards.
03000997		Proposed		Local Funds (staff time)	No		Reduce risk of flood damages due to erosion or scour during flood events.
03000998		Proposed		HMGP	No		Ensure continuation of essential services to faculty and patients in event of a disaste
03000999		Proposed		HMGP	No		Ensure continued essential services to residents during severe weather events.
03001000		Proposed		Local Funds, State and Federal Grants	No		This will allow for far more efficient and timely damage assessment and operational awareness of where an event took place and how significant it is. How fast this is learned will determine the ultimate spend of recovery.
03001001	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304	Proposed		Local Funds, State, and Federal grants	No		Improve accessibility and protect lives by mitigating low water crossing area.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001002	03	Trinity	None	Pursue adoption of required ordinances and approval to participate in NFIP. (NFIP)	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001003	03	Trinity	None	Build a community safe-room	Madison	12030202	
03001004	03	Trinity	Structure and Infrastructure	Maintain Hunterwood Stream Stabilization Project. Installation and maintenance of gabian walls to mitigate stream bank erosion during extreme flood events.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001005	03	Trinity	Install drainage and waterways on city properties and right-of-ways to minimize flash flooding during heavy precipitation.	The city of Alvord has had street level flash flooding issues for years. This project would be an opportunity to mitigate those problem areas.	Wise	12030101, 12030102, 12030103, 12030104	
03001006	03	Trinity	None	Develop a floodplain ordinance and floodplain restrictions.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001007	03	Trinity	Local Plans and Regulations	Increase freeboard requirements for permitting structures in the SFHA; Adopt a “no-rise” in BFE in the 100-year floodplain; Update local flood ordinance to prohibit granting of variance in SFHA; Include “cumulative damage” provisions in local flo	Montague	12030101, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001002	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001003		Proposed		FEMA Mitigation funds	No		Provides protection to citizens and saves lives.
03001004		Proposed		local funds, State and Federal Grants	No		Reduce risk of flood damages; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood event.
03001005		Proposed		State and Federal Grants, City budget	No		The cost associated with this project would be justified if even one structure avoids damage through these actions.
03001006		Proposed		City general fund, hazard mitigation grants	No		\$30,000
03001007		Proposed		Local Funds (staff time)	No		Reduce flood damages through development restrictions and improved construction requirements in flood-prone areas.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001008	03	Trinity	None	Apply for assistance in establishing a Certified Countywide Floodplain Manager position.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03001009	03	Trinity	Structure and Infrastructure	Flood-proof sewage treatment plans in flood hazard / low-lying areas.	Jack	12030101	
03001010	03	Trinity	Improve the City of Grand Prairie's capability to mitigate against flood events	Continue efforts to improve the City's Community Rating System (CRS) rating	Ellis, Tarrant, Dallas	12030102	
03001011	03	Trinity	Preventative Measures, Emergency Services	Work with County Commissioner on a project that would eliminate and/or reduce flooding areas on bus routes. Currently alternative routes must be used during rainy seasons due to road flooding.	Cooke	12030103, 12030104	
03001012	03	Trinity	None	Increase capacity of drainage canal behind high school baseball field to prevent flooding school property.	Polk	12030202	
03001013	03	Trinity	None	Create a city wide notification system for phone, text, and email by implementing a system such as CodeRed or Everbridge.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001008	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Permit fees, local budget	No		The focus of this role would be to mitigate flooding and protect the floodplain countywide. (NFIP)
03001009		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood water contamination; Reduce risk of surface water infiltration and sewage backup; Ensure continuity of critical services.
03001010		Proposed		City budget	No		Unknown
03001011		Proposed		Grant/Budget	No		When working with planning team members from each jurisdiction all mitigation ideas were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03001012		Proposed		HMGP, PDM, FMA, CDBG, budget	No		None listed
03001013		Proposed		Hazard mitigation grants, city budget	No		\$420,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001014	03	Trinity	Structure and Infrastructure	Install and upgrade undersized stormwater drains and culverts.	Van Zandt	12030107	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304
03001015	03	Trinity	Property Protection	Project will clear obstacles, widen and reshape ditches, and upgrade culverts to restore adequate drainage to mitigate flooding throughout all participating jurisdictions	Chambers	12030203, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306
03001016	03	Trinity	None	Purchase a backup generator to power Link Drive Lift Station	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03001017	03	Trinity	None	Expand the hazard mitigation planning program to include Hazard Mitigation Actions Plans, Community Wildfire Protection Plans (when applicable), and educational tools for all 16 counties in the region to ensure they meet planning requirements.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001018	03	Trinity	Property Protection Actions	Purchase and removal of damaged homes that are located in the floodplain. These homes are currently a hazard to the community and pose even large threat of danger if a large rain event were to happen before removal. (NFIP)	Cooke	12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001014	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304	Proposed		Local Funds, State, and Federal grants	No		Reduce risk of flood damages through improved drainage capacity; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood event.
03001015	120302030202, 120302030203, 120302030204, 120302030304, 120302030306	Proposed		HMGP	No		Project will clear obstacles, widen and reshape ditches, and upgrade culverts to restore adequate drainage to mitigate flooding throughout all participating jurisdictions
03001016	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		Enhance safety of population by helping ensure continued power supplies in emergency situations.
03001017		Proposed		Hazard mitigation grants, local funds	No		\$30,000,000
03001018		Proposed		HMGP and SRL Grants	No		When working with planning team members from each jurisdiction all mitigation ideas were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001019	03	Trinity	None	Install creek level monitoring systems and weather stations at Retta Road, North Street, Walnut Creek Road, Highway 1187, County Road 2738, Farm to Market 157 and Country Club Drive.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001020	03	Trinity	Natural System Protection	Plant erosion prevention vegetation on lands and levees adjacent to and along river banks to mitigate excessive runoff during flood events.	Houston	12030201, 12030202	
03001021	03	Trinity	None	Catalog, evaluate, and update any floodplain regulations within the City to comply with the latest FEMA regulations	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03001022	03	Trinity	None	Add additional work spaces to the Emergency Operations Center (EOC) to enhance the City of Haslet's audio and visual peripherals in order to better assess situations	Tarrant	12030101, 12030102, 12030103, 12030104	
03001023	03	Trinity	Conduct a hazard/vulnerability assessment of personal properties and structures located in flood zones within Unincorporated Collin County.	Coordinate and complete new inundation studies of all high and moderate hazard dams.	Collin	12030103, 12030105, 12030106	
03001024	03	Trinity	None	Provide alternative power solutions to new and existing critical facilities and infrastructure, to include the purchase and installation of generators.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001019		Proposed		City budget, hazard mitigation grants	No		\$1,092,000
03001020		Proposed		Grants	No		Protect natural system areas, reduce flooding caused by excessive and rapid runoff into waterways.
03001021	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		Local funds	No		This would prevent future construction of non-flood hardened structures in flood-prone areas. The prevention of such construction would decrease future property losses to floods.
03001022		Proposed		City budget, grants	No		\$30,000
03001023		Proposed		HMPG, Water Shed Authorities, Dam Sponsors, Local sponsors, In-kind	No		Dam Failure data deficiency identified in Chapter 3. Identify all structures and infrastructures that would be impacted by a potential dam failure.
03001024		Proposed		Town funds, hazard mitigation grants	No		\$120,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001025	03	Trinity	Elevate Shady Shores Rd to reduce future loss due to flooding.	Shady Shores road is a main road located in Lake Dallas along Lewisville Lake connect into the Town of Shady Shores for residents and business. The road continues to flood during severe storms and when the lake rises above conservation pool of 522ft. Fir	Denton	12030103, 12030104, 12030105	
03001026	03	Trinity	None	Improve conditions at the pond located east of Katie Rose Lane . Conduct a study to develop options to decrease the erosion flooding (?) potential at the roadway crossing.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001027	03	Trinity	None	Document flooding areas	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03001028	03	Trinity	Education and Awareness	Install NOAA "All Hazard" radiosfor early warning and post-event information and be placed in the fire station	Kaufman	12030105, 12030106, 12030107	
03001029	03	Trinity	Increase the ability of residents and business to receive severe weather and emergency notification through the Little Elm Alert public communications notification system.	The Town's Emergency Management Staff will develop, implement and promote the Little Elm Alert System. As Little Elm continues to grow, this program will continue to expand.	Denton	12030103, 12030104, 12030105	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001025		Proposed		HMPG, General fund, local funds, donations, in-kind grants	No		The goal is to raise the road for access and mitigate future flooding and minimize the cost of future response and recovery.
03001026	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001027	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		For future updating of county floodplain maps. (NFIP)
03001028		Proposed		Local Revenue, Budget	No		Increase warning time for first responders to tornado, flood, hurricane wind events
03001029		Proposed		Fire Department budget	No		This system will help keep citizens informed of any emergencies that take place within the Town and local areas.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001030	03	Trinity	Education and Awareness	Monitor streams and waterways for potential flooding problems including installation of gauges, sensors, and precipitation measuring sites.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001031	03	Trinity	Boat Dock Replacement	Replacement of dock at boat ramps including all materials and stability	Henderson	12030105, 12030107, 12030201	
03001032	03	Trinity	West Bridgeport Creek Channelization and Drainage Project.	This area of west Bridgeport floods several times annually, many times leaving residents stranded. By improving the creek channel, low water crossings and improving street drainage will reduce the risk of accidents, injuries or deaths caused by flooding.	Wise	12030101, 12030102, 12030103, 12030104	
03001033	03	Trinity	Implement and maintain emergency power generators for critical facilities at the airport	Purchase generators	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03001034	03	Trinity	Keen Branch Channel Improvements	Channelization improvements to Keen Branch	Rockwall, Collin, Dallas	12030105, 12030106	120301060402, 120301060402, 120301060406, 120301060407, 120301050105, 120301060402, 120301060403, 120301060406, 120301060407, 120301060408, 120301060409, 120301060501

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001030		Proposed		Hazard Mitigation Grants, general obligations bonding, city budget, and/or property owners	No		Reduce damages caused by flooding through improved risk assessment, and early warning.
03001031		Proposed		City Budget/Grants	No		Low
03001032		Proposed		General Fund, HMGP, PDM, Local funds, in-kind, donations	No		Cost effectiveness derived from preventing injuries or death due to flooding and eliminating the possibility of people from driving into flooded low water crossings
03001033	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		McKinney National Airport, FEMA, City of McKinney Funds, private donations	No		\$200,000
03001034	120301060402, 120301060402, 120301060406, 120301060407, 120301050105, 120301060402, 120301060403, 120301060406, 120301060407, 120301060408, 120301060409, 120301060501	Proposed		To be proposed in a future budget; Mitigation grant funding	No		Project would reduce flood claims for residential flood losses in structures along Keen Branch

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001035	03	Trinity	None	Implement recommended mitigation actions proposed by the USACE as a result of their studies.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001036	03	Trinity	None	Update and maintain accurate flood maps	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001037	03	Trinity	Natural System Protection	Construct county-wide detention ponds with filtration systems as an alternate water source as part of future smart growth initiatives and wildfire mitigation.	Houston	12030201, 12030202	
03001038	03	Trinity	Retrofit existing buildings to meet the requirements of the International Building Code	The International Building Code provides the framework for constructing structures that will most effectively withstand high winds. As the IBC is periodically updated, the City will update and enforce the code to require all structures within the City Li	Denton	12030103, 12030104, 12030105	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001035		Proposed		City budget, hazard mitigation grants	No		\$21,000,000
03001036	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001037		Proposed		County Engineer, Public Works Director for each community, Supt., school districts, Manager, WCID	No		Reduction on dependence of public water sources; sustain quality of life for residents and continued operation of services; ponds can be used as water source for firefighting as well.
03001038		Proposed		General funds, local funds	No		New building codes would allow existing buildings to be retrofitted to mitigate against structure-impacting hazards and for new buildings to be constructed to mitigate against structure-impacting .

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001039	03	Trinity	Education and Awareness	Acquire and distribute NOAA weather radios.	Van Zandt	12030107	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304
03001040	03	Trinity	Adopt, implement and enforce the most recent International Building Code to ensure more stringent building codes in the City of Paradise	Paradise City Council will adopt the higher standards of the International Residential Building Code. City administration will be tasked with enforcing the more stringent standards on all new construction. These measures include hail-resistant roofing and	Wise	12030101, 12030102, 12030103, 12030104	
03001041	03	Trinity	None	Flood Safety Education such as "Turn Around Don't Drown".	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03001042	03	Trinity	Purchasing and distributing NOAA Weather Radios to public facilities	Provide early warning and hazard information by increasing the use of NOAA All-Hazard Weather Radios in public facilities, including schools.	Ellis	12030102, 12030105, 12030108, 12030109	
03001043	03	Trinity	Structure and Infrastructure Project	Replace main outside doors on all buildings with storm/weatherproof doors, including shatterproof glass	Kaufman	12030105, 12030106, 12030107	
03001044	03	Trinity	Local Plans and Regulations	Undertake an initiative to increase the number of flood insurance policies.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001039	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304	Proposed		Local Funds, HMGP, State and Federal Grants	No		Reduce risk to citizens through improved communications and early warning.
03001040		Proposed		General funds, HMGP, PDM, Local funds, donations, in-kind	No		Cost is low, but provides exponential level of benefits for residents.
03001041	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Promote awareness of flood risk.
03001042		Proposed		General fund, HMGP, PDM, donations, local funds, in-kind	No		Distributing NOAA radios has the potential to save lives through early warning
03001043		Proposed		HMGP	No		Reduce effects of high winds, tornadoes and flood from doors that are not secure and do not properly close
03001044	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds, State and Federal Grants	No		Reduce flood risk and build resiliency; Increase flood risk awareness; Reduce damage impact on residents after a flood event; Reduce the burden on state and federal resources.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001045	03	Trinity	Provide training to campus and building administration.	Maintain crisis/action plans annually.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03001046	03	Trinity	Purchase and install early warning sirens in areas of new development.	In order to protect the expanding population of Chico, this project would be to purchase and install early warning sirens in areas of new development within the city borders. By purchasing the sirens before development is completed, new residents will ha	Wise	12030101, 12030102, 12030103, 12030104	
03001047	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Denton	12030103, 12030104, 12030105	
03001048	03	Trinity	Education and Awareness	Conduct program to educate residents on availability of flood insurance and elevating new construction in and outside of mapped floodplain areas.	Houston	12030201, 12030202	
03001049	03	Trinity	Education and Awareness	Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.	Jack	12030101	
03001050	03	Trinity	Adopt and promote public education program to include mitigation measures for each identified hazard.	Adopt and promote public education program to include mitigation measures for each identified hazard.	Denton	12030103, 12030104, 12030105	
03001051	03	Trinity	Installation of Redundant Fiber Optic Cable	Install secondary fiber optic cable lines to maintain continuity of critical services for first responders and local government.	Walker	12030202	120302020801, 120302020802, 120302020805

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001045	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		McKinney ISD, General fund	No		\$4,000
03001046		Proposed		HGMP, PDM, DHS, NWS funds, City budget, General Fund	No		The ability to save lives by warning people to take appropriate action during a hazard event is very cost effective.
03001047		Proposed		HMPG, Water Shed Authorities, Dam Sponsors, Local Sponsors, In-Kind	No		Protect existing and new properties from the effects of flooding and all natural hazards.
03001048		Proposed		Local Revenue	No		Reduce impact of flood disaster through flood insurance, reduce flooding of new construction.
03001049		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of injuries, fatalities and damages through education and awareness.
03001050		Proposed		General fund, HMGP, PDM, other state/federal grants, local funds, citizen cost-share, donations	No		To improve community resiliency in dealing with the aftermath of an event.
03001051	120302020801, 120302020802, 120302020805	Proposed		FEMA Hazard Mitigation Assistance Funds, City Funds, Bonds	No		Detailed analysis will be needed to determine cost-effectiveness for this project that supports critical infrastructure.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001052	03	Trinity	Structure and Infrastructure	Utility undergrounding to critical facilities to reduce loss of essential services.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001053	03	Trinity	Structure and Infrastructure, Natural System Protection (vacant land)	Develop a land acquisition program in flood hazard areas. Acquire and demolish repetitive loss properties. Acquire high risk vacant land and maintain as open space.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03001054	03	Trinity	None	Use Smartscape in existing and new developments landscapes	Hood	12030102	120301020301, 120301020301
03001055	03	Trinity	None	Clear waterways of debris and prevent further collection of debris in waterways.	Navarro	12030105, 12030107, 12030108, 12030109, 12030201	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001052		Proposed		General obligations bonding, utility user's tax, utility connect fees, transfer tax fee (when properties are sold), residential user surcharge, utility providers, ratepayers, city, and/or property owners, State and Federal Grants	No		Reduce damages to infrastructure; Ensure continuity of critical services during and after event; Reduce damages associated with power outage.
03001053	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Eliminate risk of flood damages to high risk structures and prevent future losses in high risk flood hazard areas; Reduce downstream impacts associated with development in the floodplain; Reduce risk of injuries to citizens; Reduce burden on emergency se
03001054	120301020301, 120301020301	Proposed		County Budget, Grants, Property Owners	No		\$600,000
03001055		Proposed		HMGP, General Funds, Local funds, In-kind match	No		Low compared to life safety benefits

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001056	03	Trinity	Structure and Infrastructure	Construct retention ponds to store and regulate discharge of storm water during flooding events. These actions include creating new infrastructure to mitigate or reduce potential or threatening floodwater damage or runoff.	Hardin	12030202	120302021205
03001057	03	Trinity	Develop and Implement a City flood protection ordinance.	The city will review and enhance ordinances that regulate development in the floodplain.	Denton	12030103, 12030104, 12030105	
03001058	03	Trinity	Improve the City of Grand Prairie's capability to mitigate against flood events	Install additional rain/stream gauges in flood-prone areas	Ellis, Tarrant, Dallas	12030102	
03001059	03	Trinity	Anderson County Projects	Participate in the "Turn Around, Don't Drown" campaign.	Anderson	12030105, 12030201	
03001060	03	Trinity	Public Education	Provide materials and data sources to educate citizens of all potential hazards in the planning area and methods to mitigate hazards and increase awareness	Henderson	12030105, 12030107, 12030201	
03001061	03	Trinity	None	Per NFIP compliance, implement program to enlarge culverts and drains beneath county bridges to allow for more flood capacity.	Leon	12030201, 12030202	
03001062	03	Trinity	Education and Awareness	Implement education program to increase awareness of the City's emergency notification system Branch Alert. By increasing awareness, more citizens will sign up and will be notified of Dam issues or Dam failures.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001063	03	Trinity	Local Plans and Regulations	Development of Storm Water Master Plan for Watershed #1 including computer model of current system performance, identification of system deficiencies, and recommended improvements.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001064	03	Trinity	Develop and Implement a Program to Improve Drainage Ditch Capacity	This action will develop and implement a program to reduce flooding by increasing drainage ditch capacity and minimizing the amount of debris that clogs ditches and limits their ability to function properly.	Freestone	12030105, 12030108, 12030201	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001056	120302021205	Proposed		Operating budgets, local funding, PDM, HMGP	No		Prevent flooding damage to new and existing homes; improve water storage capacity for times of drought and fighting wildfires.
03001057		Proposed		Budget	No		To protect the community against the impacts of flooding.
03001058		Proposed		City budget FEMA Hazard Mitigation Grant Program, TWDB FPP	No		N/A
03001059		Proposed		No cost listed	No		None listed
03001060		Proposed		City Budget/Grants	No		Low
03001061		Proposed		General Revenue	No		Reduce the financial impact and loss of life from floods.
03001062		Proposed		Local Funds	No		Enhance early notice to increase the number of resident's evacuation from the flood prone area. The structures in the area will still be vulnerable to flooding and damage, but individuals will have more time to prepare.
03001063		Proposed		Local Funds, HMGP, State and Federal Funding	No		Improve risk assessment; Inform effective drainage project decisions to reduce damages to structures and infrastructure.
03001064		Proposed		County, FEMA PDM, FEMA HMGP	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001065	03	Trinity	Education and Awareness	Conduct flood insurance educational seminars for area realtors to increase their knowledge of National Flood Insurance Program (NFIP) and the benefits to homeowners in security flood insurance.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03001066	03	Trinity	Update Firm Maps to Include Bench Marks	Add bench marks to updated Flood Insurance Rate Maps	Liberty	12030202, 12030203, 12040202	
03001067	03	Trinity	Natural System Protection	Conduct annual program to remove dead trees and limbs from roadside ditches, natural drainage areas and waterways.	Houston	12030201, 12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001065	120301010101, 120301010102, 120301010103, 120301010107	Proposed		HMGP, PDM, Local Funds, Other Federal Grants	No		All homeowners in the NRPC Planning Area could benefit from owning flood insurance. Through education with realtors, who homeowners often turn to first for advice when purchasing a home, this important message could be conveyed and the public educated on
03001066		Proposed		FEMA Map Modernization Program, FEMA FloodHazard Mapping Program, Dept. of The Interior, USGS Mapping Standards Support, FEMA Flood Recovery Mapping, PDM, HMGP	No		More than a 1:4 cost-benefit ratio
03001067		Proposed		HMGP Grants	No		Reduce minor flooding due to debris obstructing natural drainage areas.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001068	03	Trinity	None	Spillway for Dam located upstream Dessert Lake Rd. at the southeast limit of the County (Precinct 2) appears inadequate, increasing the risk of flooding of Desert Lake Rd. and downstream property.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001069	03	Trinity	Structure and Infrastructure	Flood-proof sewage treatment plants in flood hazard / low-lying areas.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03001070	03	Trinity	Local Plans and Regulations–Response and Recovery	Create plan for Utility Customer Services to manage and secure money on hand during a disaster that disrupts power to the facility or damages / destroys the facility itself.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001071	03	Trinity	Early Warning and Public Notification	Improve the ability to notify citizens of tornado watches and warning, through use of any or all of the following: local radio, television, and cable providers, website announcements and email blasts, automated emergency calling systems, emergency warning	Henderson	12030105, 12030107, 12030201	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001068	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001069	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood water contamination; Reduce risk of surface water infiltration and sewage backup; Ensure continuity of critical services.
03001070		Proposed		Local Funds, State and Federal Grants	No		Currently this is a gap that has been identified and needs to be met.
03001071		Proposed		Grants	No		High

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001072	03	Trinity	None	Clear debris and improve flow of waters.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001073	03	Trinity	None	Create redundancies in University infrastructure to prevent loss of service	Johnson	12030102, 12030109	
03001074	03	Trinity	Structure and Infrastructure	Flood-proof sewage treatment plants in flood hazard / low-lying areas.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001072	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001073		Proposed		University, Hazard Mitigation Grant Program, Pre-Disaster Mitigation, others to be identified	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03001074	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood water contamination; Reduce risk of surface water infiltration and sewage backup; Ensure continuity of critical services.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001075	03	Trinity	None	Land use planning and strict enforcement of ordinances and building codes on new development sites.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001076	03	Trinity	Education and Awareness	Develop-upgrade contact information database for first responders and special needs populations with emphasis on populations exceptionally vulnerable in the event of long-term power outages.	Hardin	12030202	120302021205
03001077	03	Trinity	None	Relocate or flood proof critical facilities in A Zones, including attendant utility and sanitary facilities, to meet existing FEMA NFIP standards	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03001078	03	Trinity	None	Implement public education program to address the risks and mitigation actions (that public can do at their homes/properties)for the identified hazards using social media, city website, local newspaper, and public outreach.	Hood	12030102	120301020301, 120301020301

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001075	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001076	120302021205	Proposed		Local operating budget	No		Reduce risk to vulnerable populations through early identification and preparedness.
03001077	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		PDM Grant Program, EMPG Grant Program, Local Funds	No		Currently, critical facilities within A Zones are not flood proof. This action will ensure that all critical facilities in such zones are relocated outside of the zones or else retrofitted to be flood proof and watertight below the base flood elevation if
03001078	120301020301, 120301020301	Proposed		General Funds, State and/or Federal Grant Funding	No		\$100,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001079	03	Trinity	Structural Project	Purchase the property and construct two (2) 7,000 square foot self sufficient, self contained storm shelter as we are a State Shelter Hub.	Walker	12030202	
03001080	03	Trinity	Blue Lake Dam Improvements	Blue Lake Dam is a 20-foot-high earthen dam with a normal capacity of approximately 29 acre-feet and has a crested spillway that discharges to the tributary system of Bassett Creek within the Trinity River Basin	Anderson	12030105, 12030201	
03001081	03	Trinity	None	Pursue fulfillment of requirement for city to participate in NFIP.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001082	03	Trinity	None	Upgrade culverts in floodplain-area roads and drainageditchesto reduce flooding.	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03001083	03	Trinity	Education and Awareness	Acquire and distribute NOAA weather radios to residents and businesses within the City. Promote the purchase and use of the radios to all citizens.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001079		Proposed		FEMA Emergency Management Planning Grants, FEMA-Emergency Operations Center, PDM program, HMGP	No		More than a 1:4 cost-benefit ratio
03001080		Proposed		No cost listed	No		None listed
03001081	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001082	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grant funds	No		Reduction in loss of life, property, health, and safety.
03001083		Proposed		Local Fund, HMGP, other funding sources	No		Increase public awareness, reduce bodily injury to citizens and damage to their property.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001084	03	Trinity	None	Create a water runoff system for drainage for agency property.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001085	03	Trinity	Education and Awareness	Acquire and distribute NOAA weather radios.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03001086	03	Trinity	Local Plans and Regulations	Improve strategies for debris management and removal including de-icing and clearing public roads	Houston	12030201, 12030202	
03001087	03	Trinity	Structure and Infrastructure	Increase drainage capacity; Install French drains or elevate building and upgrade undersized pipe under State Hwy for water to run into creek.	Van Zandt	12030107	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304
03001088	03	Trinity	None	Install emergency generators at city facilities.	Hood	12030102	120301020301, 120301020301
03001089	03	Trinity	Reduce or eliminate loss of life, injuries and property damage resulting from severe weather events.	Obtain portable generators to ensure continuity of operations at critical facilities.	Collin	12030103, 12030105, 12030106	
03001090	03	Trinity	Education and Awareness	Develop evacuation plan and routinely conduct evacuation exercises	Kaufman	12030105, 12030106, 12030107	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001084		Proposed		Hazard mitigation grants, Community Development Block Grant	No		\$360,000
03001085	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce risk to citizens through improved communications and early warning.
03001086		Proposed		General Revenue, HMGP grant	No		Ensure continued utility services and operation of facilities; expedite debris removal.
03001087	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304	Proposed		Local Funds, HMGP, State and Federal Grants	No		Reduce risk of flood damages through improved drainage capacity; Reduce continual cost to remove water from the building; Ensure offices remain open for business.
03001088	120301020301, 120301020301	Proposed		General Funds, State or Federal Grants, Private Donations	No		\$450,000
03001089		Proposed		HMGP, HMA, General Funds, Local, In-kind	No		Natural hazards can create power outages for extended periods of time.
03001090		Proposed		HMGP	No		Increased awareness of evacuation procedures. Provide alternate exit and ambulatory strategies for all personnel. Reduce and prevent loss of life and injury

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001091	03	Trinity	Public Information and Awareness	Become a CRS communities	Walker	12030202	
03001092	03	Trinity	Dig New Ditches Along Floodplains to Mitigate Flooding	New channels for water drainage would be created in floodplains and/or areas of repetitive flooding to mitigate flooding potential.	Ellis	12030102, 12030105, 12030108, 12030109	
03001093	03	Trinity	Public Education and Awareness	Conduct training exercises annually for evacuating residents and vacationers downstream of the Ratcliff Lake Dam in event of dam failure.	Houston	12030201, 12030202	
03001094	03	Trinity	Local Plans and Regulations	Undertake an initiative to increase the number of flood insurance policies.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03001095	03	Trinity	Implementati on of Code Red or Advanced Warning and Public Notification System	Incorporate the use of the automated emergency calling system, Code Red, into local emergency hazard plans. Provide training to selected parties on when and how to use it	Henderson	12030105, 12030107, 12030201	
03001096	03	Trinity	Expand Outdoor Warning System to Cover New Developments and Population Increases	Expand Outdoor Warning System to Cover New Developments and Population Increases throughout the area	Denton	12030103, 12030104, 12030105	
03001097	03	Trinity	Structure and Infrastructure	Evaluate access and road conditions for response vehicles. Develop and implement options to improve access and/or add redundant access routes in high risk areas.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001091		Proposed		Local budget via staff time	No		More than a 1:4 cost-benefit ratio
03001092		Proposed		Federal grants, state grants, local funds, in-kind match	No		Implementing this program now would prevent exponential amount of damage from flooding, saving time and money.
03001093		Proposed		FEMA Grant	No		Protect and mitigate loss of life and property from potential dam breach in recreation area
03001094	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time)	No		Reduce flood risk and build resiliency; Increase flood risk awareness; Reduce damage impact on residents after a flood event; Reduce the burden on state and federal resources.
03001095		Proposed		City Budget	No		High
03001096		Proposed		HMA, Local Funds, Public/Private Partnerships, donations, in-kind match	No		The increased coverage will allow the city to warn citizens outdoors and subsequently save lives.
03001097	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce risk and spread of wildfires through maintained and redundant access routes in high risk areas; Improve response time for emergency services; Reduce risk of injury or damages; Provide additional ingress / egress routes through high risk areas to p

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001098	03	Trinity	Structure and Infrastructure	Upgrade undersized stormwater drains and culverts	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03001099	03	Trinity	None	Participation in NFIP.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001100	03	Trinity	Natural System Protection, Local Plans and Regulations	Establish, adopt, and implement a “green infrastructure” program for parks, nature preserves, greenbelts, etc.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001098	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood damages through improved drainage capacity; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood event.
03001099	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001100	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce impacts of flood through expanded greenspace and restoration of floodplains and wetlands; Reduce impacts of drought through green infrastructure that works to replenish groundwater reserves; Reduce impacts of Urban Island Heat effect in densely po

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001101	03	Trinity	None	Improve conditions at the pond/dam located northeast of Donee Drive. Options:•Move road upstream of dam to prevent the road from being affected in case of overflow. •Buy property downstream the dam and raise the damn embankment so that it is safer.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001102	03	Trinity	Education and Awareenss	Identify and pursue mitigation activities that would assist efficient evacuations through the town including but not limited to improved signage, widening roads and bridges, traffic monitoring systems, improved road connectivity, et	Hardin	12030202	120302021205
03001103	03	Trinity	Education and Awareness	Implement education and awareness program utilizing media, social media, bulletins, flyers, etc. to educate citizens of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damages.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03001104	03	Trinity	None	Conduct a dam inundation study.	Parker	12030101, 12030102	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001101	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001102	120302021205	Proposed		PDM, HMGP	No		Make evacuation process more efficient and safer; life safety benefits of early evacuation.
03001103	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time), State and Federal Grants	No		Promote hazard awareness and protect citizens from potential injuries and damages.
03001104		Proposed		County budget, Hazard mitigation grants, TCEQ Grants, USDA Grants	No		\$600,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001105	03	Trinity	None	Inspect and manage large trees and landscape concerns.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001106	03	Trinity	None	Evaluate vulnerability to dam failures and the extent of potential damage in the event of flooding from dam failure.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001107	03	Trinity	Acquisition of property	Acquisition of property in the floodplain.	Liberty	12030202, 12030203, 12040202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001105	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001106		Proposed		Hazard mitigation grants, department budgets	No		\$6,000
03001107		Proposed		HMGP, Flood Mitigation Assistant Program, PDM, HUD-Disaster Recovery Initiative Program, CDBG	No		1:4 cost-benefit ratio

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001108	03	Trinity	City Ordinance	Develop and implement city drainage ordinance	Liberty	12030202, 12030203, 12040202	
03001109	03	Trinity	Raise road surfaces	Reduce flooding by raising road surface of Plum Grove Road and installing larger culverts from FM 1010 intersection to Paul Campbell Loop and at Orange Branch crossing.	Liberty	12030202, 12030203, 12040202	
03001110	03	Trinity	Local Plans and Regulations	Develop and implement county-wide pre-disaster debris removal contracts with communities	Kaufman	12030105, 12030106, 12030107	
03001111	03	Trinity	Updating Maps	All participating jurisdictions will work to update floodway maps throughout the county. The updated floodway maps will also be made available to public.	Liberty	12030202, 12030203, 12040202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001108		Proposed		Local funding through Capital Improvements, USACE-Planning Assistance to States, Flood Mitigation Assistance Program, TWDB-Research and Planning Fund Grants, HMGP, PDM	No		1:4 cost-benefit ratio
03001109		Proposed		Local Funding through Capital Improvements, TX DOT, USACE-Small Flood Control Projects, TWDB-Clean Water State Revolving Fund, TWDB, USDA NRCS-Watershed Protection and Flood Prevention	No		1:4 cost-benefit ratio
03001110		Proposed		Local Revenue	No		Reduce lost revenue post-disaster by expediting debris removal from public right of ways and property; maximize FEMA reimbursements in post-disaster federal declarationsType
03001111		Proposed		HMGP, FP&S Grants	No		More than a 1:4 cost-benefit ratio

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001112	03	Trinity	Local Plans and Regulations	Join the National Flood Insurance program (NFIP) to reduce risk associated with development in flood prone areas and provide residents option to purchase federal flood insurance	Kaufman	12030105, 12030106, 12030107	
03001113	03	Trinity	None	Implement an education program, separate from the public education for residents, to educate construction contractors, homeowners, and business owners about mitigation techniques.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001114	03	Trinity	Minimize loss of life and property from natural hazards through code adoption, implementation, and enforcement	City of Red Oak will adopt and enforce applicable codes and ordinances for construction, development, water usage, and retrofit standards	Ellis	12030102, 12030105, 12030108, 12030109	
03001115	03	Trinity	None	Increase the ability of residents and businesses to receive early warning from the National Weather Service. This would be accomplished by offering an in kind match program or give away through county schools, hospital, and public safety agencies. With t	Navarro	12030105, 12030107, 12030108, 12030109, 12030201	
03001116	03	Trinity	Develop and implement a comprehensive public education program.	This public education program would be based on the hazards that the City of Garrett identified. The program will educate residents on the hazards and mitigation actions for	Ellis	12030102, 12030105, 12030108, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001112		Proposed		General Fund	No		Reduce risk by elevating new construction in flood hazard areas; reduce property risk and loss of lives in flood events and costs associated with post-disaster flooding
03001113		Proposed		Town funds, hazard mitigation grants	No		\$18,000
03001114		Proposed		State and federal grants, city budget	No		To mitigate against flooding and other natural disasters.
03001115		Proposed		Grant Funds, HMPG, PDM, Partial payment by receiving party, Local funds, in-kind, donations, citizen cost-share	No		Advanced warning saves lives, which outweighs the cost of the radios.
03001116		Proposed		General funds, state, federal grant funding, local funds, private donations	No		Protect community from impacts of flooding and other hazards.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001117	03	Trinity	None	Build shelter.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001118	03	Trinity	None	Improvements and clearing of storm drainage system.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03001119	03	Trinity	Natural System Protection	Acquire and preserve open spaces adjacent to floodplain areas.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03001120	03	Trinity	Improve early warning and public information capabilities by purchasing and implementing a telephone-based mass notification system.	The Blackboard system is a low-cost effective tool to reach many citizens to warn them about imminent events or provide information about natural hazards.	Wise	12030101, 12030102, 12030103, 12030104	
03001121	03	Trinity	Plummers Creek Tributary Storm Sewer Improvements	Plummers Creek Tributary Storm Sewer Improvements	Limestone	12030108, 12030201, 12070103	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001117	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001118	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To reduce the impact of heavy rain events (NFIP)
03001119	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce flood risk to structures and infrastructure in and near the floodplain; Reduce downstream impacts associated with development in the floodplain; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood event
03001120		Proposed		General Fund, HMGP, PDM, Local funds, in-kind, donations	No		The Blackboard Connects system is inexpensive but valuable in contacting numerous citizens in a short amount of time.
03001121		Proposed		Unknown	No		Unknown

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001122	03	Trinity	Purchase Portable Pumps	This action proposes purchasing portable pumps that can be deployed as needed to reduce the potential impacts of future flood events.	Leon	12030201, 12030202	
03001123	03	Trinity	Relocate Emergency Operations Center (EOC) to a hardened existing facility out of floodplain.	The City of Denton is in need of a hardened EOC facility, located outside of existing floodplain that would enable EOC staff to properly manage emergency events from a safe location.	Denton	12030103, 12030104, 12030105	
03001124	03	Trinity	Conduct public education campaigns to insure Hunt County	Adopt and Promote the program of "Turn Around Don't Drown Campaign." This is a campaign that would install signs at low water crossings to prevent travel in flooded conditions.	Hunt	12030106, 12030107	120301060101, 120301060101, 120301060102, 120301070102
03001125	03	Trinity	None	Clean out, shore up, and improve drainage capabilities on the Aton Storm drain system (last updated in 1978), which provides stormwater drainage to the Trinity River for most of the residential areas.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001126	03	Trinity	Reduce or eliminate loss of life, injuries and property damage resulting from severe weather events.	Implement NOAA All Weather Radio Program and expand Nixle service areas to cover all populations	Collin	12030103, 12030105, 12030106	
03001127	03	Trinity	Structure and Infrastructure	Equip sewer manholes with watertight covers and inflow guards.	Montague	12030101, 12030103, 12030104	
03001128	03	Trinity	None	Upgrade and expand implementation of natural hazard warning systems and methods. This may include but is not limited to: upgraded and modernized text-enabled warning systems, warning sirens and speakers, televised warnings, reverse 911, remote sensing de	Polk	12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001122		Proposed		County, FEMA PDM, FEMA HMGP	No		None listed
03001123		Proposed		Mitigation grants; bonds	No		Current EOC is located in a floodplain, near railroad tracks, and in a non-hardened structure, thus potentially limiting its usefulness during emergency activations
03001124	120301060101, 120301060101, 120301060102, 120301070102	Proposed		Federal grants, state grants, general funds	No		This is a campaign that would install signs at low water crossings to prevent travel in flooded conditions, mitigating against loss of life and property.
03001125		Proposed		City funds, hazard mitigation grants	No		\$1,200,000
03001126		Proposed		None listed	No		Advanced warnings will assist in saving lives for no cost
03001127		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood water contamination; Reduce risk of surface water infiltration and sewage backup; Ensure continuity of critical services.
03001128		Proposed		HMGP, PDM, CDBG	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001129	03	Trinity	Develop and implement a comprehensive public education program for Wise County residents	This program would use civic group presentations, distributed literature, and social media to inform residents of the hazards that threaten Wise County, and the best ways to privately mitigate against them	Wise	12030101, 12030102, 12030103, 12030104	
03001130	03	Trinity	Local building codes and regulations	Adopt and enforce minimal street width requirement.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03001131	03	Trinity	None	Flood control siren	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001132	03	Trinity	Develop and implement a comprehensive public education program.	This public education program would be based on the hazards that the City of Alma identified. The program will educate residents on the hazards and mitigation actions for each.	Ellis	12030102, 12030105, 12030108, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001129		Proposed		County budget, HMGP, PDM, Local funds, in-kind	No		The costs associated with implementing a public education program are minimal and much less labor intensive than other mitigation actions that were considered.
03001130	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		Local and Grant Funding	No		Allow for egress/ingress for emergency responders to disaster events.
03001131	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001132		Proposed		General funds, state, federal grant funding, local funds, private donations	No		Protect community from impacts of flooding and other hazards.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001133	03	Trinity	Local Plans and Regulations	Continue participation in the NFIP and participate in CRS. Activities may include: improvement of flood mapping and elevation data, mitigation of repetitive loss properties, instituting higher regulatory standards for future floodplain development, storm	Hardin	12030202	120302021205
03001134	03	Trinity	Education and Awareness	Implement a flood awareness program by providing FEMA / NFIP materials to mortgage lenders, real estate agents, and insurance agents and place them in local libraries.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03001135	03	Trinity	Local Plans and Regulations, Education and Awareness	Acquire cell phone software application forenabling instructors/ISD employees' to access real-time weather alerts during outside sports activities, during/after school, and weekend school activities.	Houston	12030201, 12030202	
03001136	03	Trinity	None	Develop and implement a public awareness campaign to educate residents about hazard risks and personal mitigation actions. using social media, county website, and local newspapers.	Parker	12030101, 12030102	
03001137	03	Trinity	Anderson County Projects	Educate homeowners to increase awareness about the hazard of flooding and to inform residents of mitigation actions to reduce risk.	Anderson	12030105, 12030201	
03001138	03	Trinity	Maintain NFIP compliance, storm water management, and implement drainage projects.	Culvert and road grade improvements to prevent flooding at Rock Ridge Road, ¼ mile south of FM 1378	Collin	12030103, 12030105, 12030106	
03001139	03	Trinity	Local Plans and Regulations; Structure and Infrastructure	Add secondary entry/access roads to existing neighborhoods where possible/enforce two entry/access road requirements in existing code for new construction.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03001140	03	Trinity	Copper Canyon Poindexter Branch Flood Mitigation Plan	FIF #86 in 2020 Flood Intended Use Plan	Denton	12030103	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001133	120302021205	Proposed		HMGP, PDM, local operating budgets	No		Maintain and improve NFIP compliance and benefits; mitigate future flooding; reduce cost of flood insurance
03001134	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Reduce flood risk through education and awareness; Increase flood insurance coverage
03001135		Proposed		HMGP Grants	No		Reduce potential weather-related accidents to students and faculty from lightning strikes, extreme heat, and other severe weather events.
03001136		Proposed		County budget, grants	No		\$150,000
03001137		Proposed		No cost listed	No		None listed
03001138		Proposed		Capital Improvement Plan, HMGP	No		This project directly affects the hazards addressed in Chapter 3 for occurrences of flooding within the cit
03001139	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		Developers, Local and Grant Funding	No		Reduce risk to citizens and property. Protection to existing structures along with life safety benefits are expected to outweigh the project costs.
03001140		Proposed		Unknown	No		Unknown

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001141	03	Trinity	None	Develop a public education and awareness program to address mitigation strategies for all identified hazards.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001142	03	Trinity	None	Inform residents and the business community of natural hazard mitigation activities during civic and social events in the city through talks and distribution of written material.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001143	03	Trinity	Develop and implement a comprehensive public education program	This public education program would be based on the hazards that Ellis County identified. The program will educate residents on the hazards and mitigation actions for each.	Ellis	12030102, 12030105, 12030108, 12030109	
03001144	03	Trinity	None	Pursue voluntary acquisition projects for repetitive flood loss/flood prone properties throughout the planning area	San Jacinto	12030202, 12030203	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103
03001145	03	Trinity	None	Implement a program to keep water runoff areas free of debris to allow rapid runoff of flood waters	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001141		Proposed		Hazard mitigation grants, department budgets	No		\$30,000
03001142		Proposed		City operating budget, hazard mitigation grants	No		\$3,000
03001143		Proposed		General funds, state, federal grant funding, local funds, private donations	No		Protect community from impacts of flooding and other hazards.
03001144	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103	Proposed		HMGP, RFC, SRL, PDM, FMA, TWDB	No		Social, technical, administrative, legal, economic benefits
03001145	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		EMPG Grant Program, HMGP, Local Funds	No		This action will reduce the effects of flooding on new and/or existing buildings by ensuring that floodwaters can run off rapidly.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001146	03	Trinity	Develop and implement public education program for identified hazards and mitigation actions and resources for each	To develop mitigation public education on hazards and ways to reduce impacts.	Denton	12030103, 12030104, 12030105	
03001147	03	Trinity	None	As work begins on the two planned lakes identify areas where flooding is a problem and submit to FEMA for future updating of county floodplain maps.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03001148	03	Trinity	None	Establish a flood protected travel corridor between Linn and Johnson County	Johnson	12030102, 12030109	
03001149	03	Trinity	None	Adding culverts/horns.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001150	03	Trinity	None	Enhance and provide public education material about mitigation techniques for these hazards to public.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001146		Proposed		Urban Area Security Initiative; Budget; Donations	No		To relieve the burden on public safety and infrastructure during disasters. It also sets a realistic understanding of what will be provided and when.
03001147	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Will allow for future updating of county floodplain maps.
03001148		Proposed		County, Hazard Mitigation Grant Program, Pre-Disaster Mitigation, others to be identified	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03001149	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001150		Proposed		City general fund, hazard mitigation grants	No		\$60,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001151	03	Trinity	Structure and Infrastructure	Identify flood-prone and repetitive loss properties through the Texas Water Development Board. Identify and implement actions to reduce or eliminate flooding at identified properties.	Jack	12030101	
03001152	03	Trinity	None	Require approved sitecontrol plansand storm water runoff plansbefore long-duration construction projects are permitted to begin.	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03001153	03	Trinity	Promote the use of early warning systems.	Increase the ability of residents and businesses of Hunt County to receive early warning from the National Weather Service. This would be accomplished by using grant funding to help purchase and distribute NOAA weather radios to vulnerable populations an	Hunt	12030106, 12030107	120301060101, 120301060101, 120301060102, 120301070102
03001154	03	Trinity	Local Plans and Regulations	Perform a comprehensive flood risk study. This flood risk study is meant to incorporate all existing studies and flood risk data (e.g., Flood Insurance Studies, USACE Lake Lavon EAP, etc.) and obtain new data (e.g., LIDAR), to determine City wide and par	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001155	03	Trinity	None	Elevate bridge on Old 35 Sover Sampson Creek.	Polk	12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001151		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of damages or injuries through flood mitigation at high risk structures; Reduce the need for emergency response in high risk areas; Reduce repetitive flood losses / claims; Reduce community recovery efforts and costs.
03001152	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		Local funds	No		This would minimize the possible effects of flooding on newly constructed buildings by ensuring that stormwater runoff has been appropriately addressed for the property and type of construction project. This will be accomplished by ensuring that developers
03001153	120301060101, 120301060101, 120301060102, 120301070102	Proposed		General funds, federal grants, state grants	No		Advanced warning allows citizen to respond to natural hazards with more time to prevent loss of life and property damage.
03001154		Proposed		Local Funds, PDM, HMGP, TWDB	No		Improve risk assessment; reduce risk of damages or injuries through improved building standards; reduce risk of damages and injuries
03001155		Proposed		HMGP, PDM, budget	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001156	03	Trinity	Construction of Channel Improvements for Tributary A	Channel improvements made to Tributary A in order to correct drainage issues that result in flooding along 11th street.	Walker	12030202	120302020801, 120302020802, 120302020805
03001157	03	Trinity	Countywide Drainage Study	Countywide Drainage Study for use in planning and risk reduction	Dallas, Van Zandt, Kaufman, Henderson, Rockwall	12030105, 12030106, 12030107	
03001158	03	Trinity	Natural Systems Protection	Acquire and preserve open space adjacent to floodplain areas.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03001159	03	Trinity	None	Replace the bridge on Jackson Road so that traffic can pass during flash flooding events.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001160	03	Trinity	None	Identify high hazard dams. Work with Texas Commission on Environmental Quality (TCEQ) to identify high hazard dams in areas that may be annexed.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001161	03	Trinity	Natural Systems Protection; Education and Awareness	Implement Tree Trimming Educational and Awareness Program	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001156	120302020801, 120302020802, 120302020805	Proposed		FEMA Hazard Mitigation Assistance Grants, City Funds, Bonds	No		If analysis can show inundation of nearby structures, the project may prove to be cost-effective.
03001157		Ongoing		FIF	No		Reduce damages caused by flooding by maintaining or restoring drainage capacity.
03001158	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds, State and Federal Grants	No		Reduce flood risk to structures and infrastructure in and near the floodplain; Reduce downstream impacts associated with development in the floodplain; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood even
03001159		Proposed		City budget, grants	No		\$24,000,000
03001160		Proposed		City general fund, hazard mitigation grants	No		\$750,000
03001161	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		Local Funds	No		Reduce future storm damage through proper pruning; Provide ingress and egress clearance for residents and vehicles at sidewalk and roadway locations; Improve visibility for residents and vehicle operators

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001162	03	Trinity	Adopt and promote public education program pertaining to hazard mitigation around the community.	Develop the public education on hazards. The utilization of social media will be key in this program.	Denton	12030103, 12030104, 12030105	
03001163	03	Trinity	Adopt and Promote the National Flood Insurance Program	Bardwell would become a member of NFIP and develop a long-term plan for flood mitigation.	Ellis	12030102, 12030105, 12030108, 12030109	
03001164	03	Trinity	None	Remove abandoned railroad trestle to help reduce or eliminate potential flooding of existing structures in downtown Navasota	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03001165	03	Trinity	Installation of Weather Station for City	Installation of real-time weather station to identify and inform citizens of optimal days for vegetative fuel removal. Will also serve to detect other natural hazards to supplement emergency messaging efforts.	Walker	12030202	120302020801, 120302020802, 120302020805
03001166	03	Trinity	Develop and implement comprehensive public education program.	City of Maypearl would develop and implement its own comprehensive public education program based on the hazards identified in this plan. Program would include mitigation information.	Ellis	12030102, 12030105, 12030108, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001162		Proposed		General fund, HMGP, PDM, other state/federal grants, local funds, citizen cost-share, donations	No		Develop the public education on hazards to relieve the burden on public infrastructure during disasters. It also sets a realistic understanding of what mitigation actions can be taken. Also the utilization of social media will be key in this program.
03001163		Proposed		HMGP, PDM, General fund, In-kind	No		Would allow the city to develop more in-depth flood mitigation programs for homes already in the floodplain and to develop codes and ordinances for blocking construction in areas vulnerable to flooding.
03001164	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		Removal of the railroad trestle will significantly reduce the risk of flooding in the city's downtown business district.
03001165	120302020801, 120302020802, 120302020805	Proposed		FEMA Hazard Mitigation Assistance Grants, City Funds	No		With a full detailed benefit cost analysis conducted, this project may be cost-effective.
03001166		Proposed		General funds, state, federal grant funding, local funds, private donations	No		Protect community against the impacts of flooding and other natural hazards.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001167	03	Trinity	None	Purchase and install automated floodgatesat water crossings	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03001168	03	Trinity	Increase citizen awareness of preparing for identified hazards	Provide public education on Tier II hazardous material sites.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001167	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		NFMF, PDM Grant Program, EMPG Grant Program	No		By installing automated floodgates at water crossings, residents would not be able to drive through areas with a high likelihood of flooding. This would drastically decrease the potential for the loss of life due to flooding events.
03001168	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney funds	No		\$12,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001169	03	Trinity	Construct Levee	Construct levee floodwall around waste water treatment plant	Liberty	12030202, 12030203, 12040202	
03001170	03	Trinity	Mont Belvieu	Flood Protection Planning for Watersheds – Chambers County and City of Mont Belvieu	Chambers	12030203, 12040203	
03001171	03	Trinity	Structure and Infrastructure	Construct a regional Emergency Operations Center (EOC) for the quad cities of Addison, Carrollton, Coppell, and Farmers Branch at the North Central Texas Communication Center. This is a joint dispatch center for the cities which could house a back-up EOC	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001172	03	Trinity	None	Enhance the public presence and communication via Facebook, Twitter, and Nextdoor to promote mitigation strategies for the identified hazards and announce what the city has incorporated.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001173	03	Trinity	Develop and Implement a Comprehensive Public Education Program that will inform the public on resources to mitigate the impacts of each identified hazard	This public education program would be based on the hazards that the Town of Cross Roads identified as being vulnerable to. The program would use a combination of distributed literature, social media, and civic presentations to educate residents on natur	Denton	12030103, 12030104, 12030105	
03001174	03	Trinity	None	Utilize local funds to improve county bridges and roadways.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001169		Proposed		US Army Corp of Engineers –Small Flood ControlProjects, USDA Natural Resources Conservation Service –Emergency Watershed Protection Agency, Texas Water Development Board –Clean Water State Revolving Fund, USDA Natural Resources Conservation Service	No		More than a 1:4 cost-benefit ratio
03001170		Proposed		Unknown	No		Unknown
03001171		Proposed		Local Funds, HMGP, other funding sources	No		Increase response capability if primary EOC were impacted and not functional.
03001172		Proposed		General fund, hazard mitigation grants	No		\$120,000
03001173		Proposed		HMPG; General Fund; Local Grants; In-kind	No		Mitigation against impacts of flooding and other hazards.
03001174	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Decrease flooding potential.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001175	03	Trinity	None	Develop a plan for the purchasing and installation of emergency barricades for temporary shutdown of roads that have running water across them. Possibly a permanent barricade with sensors for high water (esp. on Southmayd Road near Campbell residence). A	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001176	03	Trinity	Structure and Infrastructure	Develop Emergency Action Plan for Houston County Lake Dam.	Houston	12030201, 12030202	
03001177	03	Trinity	Natural Systems Protection; Local Plans and Regulations	Establish, adopt and implement a “green infrastructure” program for parks, nature preserves, greenbelts, etc.	Montague	12030101, 12030103, 12030104	
03001178	03	Trinity	Natural System Protection	Retain and maintain natural vegetation in stormwater channels.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001175	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001176		Proposed		FEMA Grant	No		Recommended by TCEQ to mitigate dam failure and flood, and as a maintenance guideline for periodic inspections
03001177		Proposed		Local Funds, State and Federal Grants	No		Reduce impacts of flood through expanded greenspace and restoration of floodplains and wetlands; Reduce impacts of drought through green infrastructure that works to replenish groundwater reserves; Reduce impacts of Urban Island Heat effect in densely po
03001178	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local funds (staff time)	No		Reduce risk of flood damages due to erosion or scour during flood events.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001179	03	Trinity	None	Replace existing bridge at Ottinger Road, located between Westlake Cemetery and State Highway 170. This bridge lies below historic flood levels and is regularly inundated.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001180	03	Trinity	Structure and Infrastructure	Identify flood-prone and repetitive loss properties through the Texas Water Development Board. Identify and implement actions to reduce or eliminate flooding at identified properties.	Montague	12030101, 12030103, 12030104	
03001181	03	Trinity	None	Work with the floodplain administrator to create a document to track progress on repetitive loss and severe repetitive loss properties	Tarrant	12030101, 12030102, 12030103, 12030104	
03001182	03	Trinity	None	Create zoning restriction and new lakes.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03001183	03	Trinity	Integrated Transportation and Stormwater Management	Integrated Transportation and Stormwater Management for use in planning and risk reduction	Dallas, Hood, Ellis, Johnson, Wise, Parker, Tarrant	12030101, 12030102	
03001184	03	Trinity	None	Develop a hazard vulnerability analysis based on land use and development trends in the city.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001185	03	Trinity	None	Participate in the NFIP Community Rating System.	Parker	12030101, 12030102	
03001186	03	Trinity	Purchase Portable Digital Warning Signs	Warning signs will help limit local vulnerability to multiple hazards by providing residents with information they need where they're likely to see it.	Freestone	12030105, 12030108, 12030201	
03001187	03	Trinity	None	Survey the fire and police departments serviced by the Northeast Tarrant County Communications (NETCOM) communications office and ascertain need and want as well as determine the number of users needed to implement a multijurisdictional Automatic Vehicle	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001179		Proposed		Town funds, hazard mitigation grants	No		\$2,100,000
03001180		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of damages or injuries through flood mitigation at high risk structures; Reduce the need for emergency response in high risk areas; Reduce repetitive flood losses / claims; Reduce community recovery efforts and costs.
03001181		Proposed		City general fund, hazard mitigation grants	No		\$600
03001182	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Prevent development in risk areas near the dams.
03001183		Ongoing		FIF	No		Integrated Transportation and Stormwater Management
03001184		Proposed		General fund, HMGP	No		\$30,000
03001185		Proposed		General Fund, grants	No		\$6,000
03001186		Proposed		County, FEMA PDM, FEMA HMGP	No		None listed
03001187		Proposed		City budget	No		\$1,200

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001188	03	Trinity	Local Plans and Regulations	Adopt a landscape ordinance (selection and planting guidelines).	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03001189	03	Trinity	Structural Project	Construct safe room with generator at KSAM radio station.	Walker	12030202	
03001190	03	Trinity	Flood Prevention	Flood waters covering roads in the city causing traffic problems, road damage and debris	Henderson	12030105, 12030107, 12030201	
03001191	03	Trinity	Local Plans and Regulations, Structure and Infrastructure	Provide / construct additional means of access into single-entry neighborhoods; Update subdivision codes for a higher level of ingress and egress.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03001192	03	Trinity	None	Purchase hardware/software for participating jurisdictions and NETCOM to implement a multijurisdictional Automatic Vehicle Location (AVL) system for both police and fire from Colleyville, Keller, Southlake, and Westlake (NETCOM).	Tarrant	12030101, 12030102, 12030103, 12030104	
03001193	03	Trinity	Structure and Infrastructure	Update electronic security controls and physical security of city infrastructure.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03001194	03	Trinity	Structure and Infrastructure, Natural Systems Protection	Upgrade Outdoor Warning System.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001188	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time)	No		Reduce impact on groundwater; Minimize impacts of expansive soils; Reduce rainfall runoff volume and risk of flooding; Reduce risk and spread of wildfire.
03001189		Proposed		PDM, HMGP	No		More than a 1:4 cost-benefit ratio
03001190		Proposed		City Budget/Grants	No		High
03001191	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce risk to residents through improved evacuation alternatives; Improve firefighting capabilities through improved access alternatives.
03001192		Proposed		City budget, grants	No		\$600,000
03001193	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		Local Funding	No		Reduce or prevent damage to critical city infrastructure
03001194		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of damages to new structures and reduce injuries/loss of life

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001195	03	Trinity	None	Harden public safety buildings from the threats of severe weather, to include but not limited to:installing ballistic shielding where appropriate to prevent damage from hail and debris, installing closed-circuit televisions, installing proper fencing and	Tarrant	12030101, 12030102, 12030103, 12030104	
03001196	03	Trinity	Structural Project	Elevate and install culverts on Hostetter and Gourd Creek roadways to prevent flooding and/or flood damage on roadway.	Walker	12030202	
03001197	03	Trinity	None	Install multiple culverts under Pennington Road	Polk	12030202	
03001198	03	Trinity	Increase the ability of residents and business to receive severe weather and emergency notification through Black Board Connect communications notification system.	Lake Dallas is planning to implement and promote Black Board Connect. As the city continues to grow, this program will continue to expand.	Denton	12030103, 12030104, 12030105	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001195		Proposed		City budget, grants	No		\$4,500,000
03001196		Proposed		USACE-Small Flood Control Projects, USDA NRCS-Emergency Watershed Protection Agency, TWDB-Clean Water State Revolving Fund, TWDB (Development Fund II)-Texas Water Development Fund, EPA NPS Grant Program, PDM, HMGP, 406 Public Assistance Program USDA NRCS	No		More than a 1:4 cost-benefit ratio
03001197		Proposed		HMGP, PDM, FMA, budget	No		None listed
03001198		Proposed		General funds	No		This system will help keep citizens informed of any emergencies that take place within the City and local areas.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001199	03	Trinity	None	Work with engineers to develop a storm drainage system and seek funding for help with cost of installation.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001200	03	Trinity	Local Plans and Regulations	Restrict future development in high risk areas. Implement a program that preserves floodplains as Open Space by developing an open space acquisition, reuse, and preservation plan targeting hazard areas.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001201	03	Trinity	None	Purchase and set up of a city back-up server for all city records and data to be backed-up in a secure location. Includes the purchase of back-up generators for all city buildings.	Parker	12030101, 12030102	
03001202	03	Trinity	Local Plans and Regulations; Education and Awareness	Achieve certification by the National Weather Service as a "StormReady" Community.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03001203	03	Trinity	Ordinance(s)/ Evacuation Plan(s)	Identify areas and produce evacuation plans for citizens and businesses	Henderson	12030105, 12030107, 12030201	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001199	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001200		Proposed		Local Funds (staff time)	No		Reduce risk of damages to new structures and infrastructure through building restrictions in high risk areas
03001201		Proposed		General Fund, grants	No		\$60,000
03001202	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		HMGP, other grant funding or local funds as approved by city council	No		Improve the timeliness and effectiveness of hazardous weather warnings for the public; Provide detailed and clear recommendations by which local emergency managers may establish/improve effective hazardous weather operations; Help local emergency managers
03001203		Proposed		City Budget/fundraiser	No		Medium

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001204	03	Trinity	Education and Awareness	Identify and add low water crossing signs and gates to low water crossing areas as described in The Road to The Future Report.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001205	03	Trinity	Install redundant OWS activation switches	The redundant activation point gives the Emergency Management Staff the reliability of two points to warn the city of an approaching weather hazard in the case of building or equipment failure.	Ellis	12030102, 12030105, 12030108, 12030109	
03001206	03	Trinity	Construct Storm Drainage Infrastructure	This action proposes constructing new storm drainage infrastructure and / or improving existing infrastructure to reduce the potential impacts of future flood events.	Freestone	12030105, 12030108, 12030201	
03001207	03	Trinity	Evacuation routes	Implement a system that notifies public of evacuation routes	Liberty	12030202, 12030203, 12040202	
03001208	03	Trinity	None	Improve drainage in southeast section of city by cleaning ditches and installing larger culverts.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001204		Proposed		Local funds, State and Federal Grants	No		Identify and add low water crossing signs and gates to low water crossing areas as described in The Road to The Future Report.
03001205		Proposed		HMGP, PDM, county budget, other federal/state grants, local funds, donations, in-kind	No		Provides opportunity to warn citizens more effectively of impending dangers associated with weather and natural disasters.
03001206		Proposed		County, FEMA FMA, FEMA PDM, FEMA HMGP	No		None listed
03001207		Proposed		Local Commitment, Partnership with Public radio	No		1:4 cost-benefit ratio
03001208	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001209	03	Trinity	Structure and Infrastructure	Acquire and install generators with hard wired quick connections at all critical facilities.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001210	03	Trinity	None	Enhance warning systems to ensure timely and accurate information is disseminated in the event of an emergency.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001211	03	Trinity	Develop and Implement a Town flood protection ordinance.	The Town will develop ordinances that regulates development in the floodplain.	Denton	12030103, 12030104, 12030105	
03001212	03	Trinity	Prevention	Obtain topographical maps and aerial photography for Walker County to identify flood hazards and wildfire hazard areas. Notify and educate public in these areas of risk, and work to develop mitigation actions to address vulnerable areas.	Walker	12030202	
03001213	03	Trinity	Evaluate permitting process in the area affected by the event.	Issue permits within 24 hours of an incident.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03001214	03	Trinity	None	North Waste Water Facility Relocation	Johnson	12030102, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001209		Proposed		Local Funds (staff time), State and Federal Grants	No		Provide power for critical facilities during power outages and ensure continuity of critical services.
03001210		Proposed		City budget, grant funds	No		\$150,000
03001211		Proposed		None listed	No		To reduce vulnerability to flooding.
03001212		Proposed		FEMA Map Modernization Program, FEMA-Flood Hazard mapping Program Dept. of the Interior, USGS Mapping Standards Support, FEMA Flood Recovery Program	No		More than a 1:4 cost-benefit ratio
03001213	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney funds	No		\$30,000
03001214		Proposed		City, Local Options Sales Tax revenue, Community Development Block Grant, I-JOBS	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001215	03	Trinity	None	Critical facility and infrastructure protection (includes hardening structures)	Johnson	12030102, 12030109	
03001216	03	Trinity	None	Educate property owners near high hazard dams of the potential of a dam failure.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03001217	03	Trinity	Local Plans and Regulations; Structure and Infrastructure	Conduct study to identify needed upgrades to storm water conveyance systems (including upsizing pipes, inlets, channels, culverts, etc.) and implement where identified.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03001218	03	Trinity	Natural Systems Protection	Enforcement of adopted density codes	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03001219	03	Trinity	Emergency Alert Siren System	Obtain system that allows the city to rapidly notify residents and businesses of hazards	Henderson	12030105, 12030107, 12030201	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001215		Proposed		University, Hazard Mitigation Grant Program, Pre-Disaster Mitigation, others to be identified	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03001216	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Mitigate potential of dam failure.
03001217	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		HMGP, other grant funding, or local funding as approved by city council	No		Identify areas of opportunity for reduction in flood risks to residents and businesses
03001218	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		Local Funding, HMGP	No		Reduce wildfire potential, erosion control measures.
03001219		Proposed		FEMA Grants/City Budget	No		High

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001220	03	Trinity	None	Installing hail resistant roofing and siding to the Police Dept Bldg	Limestone	12030108, 12030201	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102
03001221	03	Trinity	Structure and Infrastructure	Adapt ADA standards to accommodate disabled persons at existing city facilities.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03001222	03	Trinity	None	Work with the Stormwater Department and Floodplain Manager to create a document to track progress on repetitive loss and severe repetitive loss properties.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001223	03	Trinity	None	Implement findings of Valley View Branch Study to prevent flooding along Valley View Branch.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001224	03	Trinity	Local Plans and Regulations	Adopt regulations to limit amount of impervious cover in conjunction with new development.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001220	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102	Proposed		FEMA mitigation grants, Dept. of Homeland Security (DHS) grants, general revenues	No		Allows for critical facilities to still function during severe storms.
03001221	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		Local and Grant Funding	No		Provide access to city facilities during a disaster for disabled persons.
03001222		Proposed		City general fund, hazard mitigation grants	No		\$600
03001223		Proposed		City budget, grants	No		\$12,000,000
03001224	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds (staff time)	No		Reduce flood damages and risk of injuries or fatalities through regulated development; Reduce the amount of stormwater runoff in densely developed areas during flood events; Reduce the risk of downstream flooding.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001225	03	Trinity	None	Raise electrical panels and connections on lift stations above expected flood levels in flood prone areas.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001226	03	Trinity	None	Implement a program to keep water runoff areas free of debris to allow rapid runoff of flood waters	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001225	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001226	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		EMPG Grant Program, HMGP, Local Funds	No		The proposed project would remove any debris that would obstruct the rapid runoff of a flash flood or other flooding event. By ensuring appropriate runoff, flood waters would be substantially less likely to damage new and existing structures or flood roadw

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001227	03	Trinity	None	Clearing and re-channelization of two (2) existing feeder creeks that flow from South to North through town to Little Mineral Creek. Areas impacted include Elm Creek subdivision and privately owned properties along a general line from Front Street along	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001228	03	Trinity	Road and Infrastructure Improvements	2 Step process of surveying and repaving city roadways through contracting company	Henderson	12030105, 12030107, 12030201	
03001229	03	Trinity	None	Per NFIP participation, identify flood-prone areas and mitigate the flooding problem by enlarging culverts under roads and bridges.	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03001230	03	Trinity	None	Develop and implement a public awareness campaign to educate residents about hazard risks and personal mitigation actions.	Parker	12030101, 12030102	
03001231	03	Trinity	None	Public Education via water bills, social media, and webpage to promote flood safety.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001227	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001228		Proposed		City Budget/FEMA Grant	No		High
03001229	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		General revenues or grant funds.	No		Improve road system to raise roadways above flooding elevations, provide alternate access for evacuation, improve roadway infrastructure to accommodate heavy traffic during storm events. Update flood maps.
03001230		Proposed		General Fund, grants	No		\$30,000
03001231	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Public awareness

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001232	03	Trinity	Local Plans and Regulations	Adopt regulations to limit amount of impervious cover in conjunction with new development.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03001233	03	Trinity	Structure and Infrastructure	Acquire and install generators with hard wired quick connections at all critical facilities.This will include but is not limited to the Police Department, Fire Administration, Animal Services Center, and the City Resolution Center.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001234	03	Trinity	Structure and InfrastructureProject	Replace windows with shatterproof glass in college campus buildings in Kaufman County	Kaufman	12030105, 12030106, 12030107	
03001235	03	Trinity	None	Acquire existing homes located in the identified special flood hazard area (the 100-year floodplain)	Madison	12030202	
03001236	03	Trinity	Structure and Infrastructure	Installation of emergency backup generators at critical city/school facilities.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001232	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce flood damages and risk of injuries or fatalities through regulated development; Reduce the amount of stormwater runoff in densely developed areas during flood events; Reduce the risk of downstream flooding.
03001233		Proposed		Local Funds, State and Federal Grants	No		Provide power for critical facilities during power outages and ensure continuity of critical services
03001234		Proposed		HMGP, grants	No		Reduce time to hardwire backup generators during and following disaster events; reduce response time to disaster situations; maintain essential services to residents
03001235		Proposed		FEMA HMGP Grants and FEMA FMA Grants	No		Can save lives and prevent property damage by permanently removing structures from the 100-year floodplain.
03001236	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		Local Funding, HMGP	No		Used to power city critical government facilities to maintain continuity of government during natural disaster events, power EOC and provide for emergency shelter needs at schools.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001237	03	Trinity	Adopt, implement, and enforce International Residential Code	The City of Italy would mandate requirements consistent with the International Residential Code for all new construction.	Ellis	12030102, 12030105, 12030108, 12030109	
03001238	03	Trinity	None	Work with local media including the local "Weekly Gazette" to publish public safety information such as "Turn around don't drown".	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03001239	03	Trinity	Structure and Infrastructure, Natural Systems Protection	Improve creek and stream bank stabilization measures with the use of hard / soft engineering techniques that combine low profile rock with vegetative plating to allow for a more natural condition of Ten Mile Creek	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001240	03	Trinity	Adopt and implement stricter building codes consistent with the International Residential Building Code	Increased elevation (BFE) standards for flooring.	Denton	12030103, 12030104, 12030105	
03001241	03	Trinity	Education and Awareness	Obtain certification in the National Weather Service StormReady Program	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001242	03	Trinity	Construction of Flood Mitigation Solutions for River Oaks Drive	Flood mitigation improvements along River Oaks Drive at Lake Crossing to alleviate inundation of homes and streets critical to ingress and egress.	Walker	12030202	120302020801, 120302020802, 120302020805
03001243	03	Trinity	None	Establish public awareness program of availability & need of flood insurance	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001237		Proposed		Local funds, general fund, in-kind	No		This action will provide information concerning natural hazard mitigation that can be incorporated into existing buildings. This action will require practices that mitigate natural hazards to be incorporated into new construction.
03001238	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Public awareness of flood risk.
03001239		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP)	No		Reduce losses related to flooding.
03001240		Proposed		City Budget	No		Stricter building codes would help to promote better building standards to mitigation natural hazards.
03001241		Proposed		Local Funds (staff time), State and Federal Grants	No		Reduce risk to citizens by educating the public on how to prepare for hazards and disasters
03001242	120302020801, 120302020802, 120302020805	Proposed		FEMA Hazard Mitigation Assistance Grants, City Funds	No		Due to the high number of structures that are impacted by flooding within this subdivision, this action could be cost-effective
03001243	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Promote awareness of flood risk.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001244	03	Trinity	Natural System Protection, Local Plans and Regulations	Adopt wetlands development regulations; Implement a Comprehensive Watershed Ordinance for new development.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03001245	03	Trinity	Develop and implement drainage Improvement program on creek waterways	City of Aubrey will expand existing drain capacities with new culverts and larger pipes in order to prevent water backup, and adopt plant restriction near waterways to prevent buildup of debris and materials that could cause flooding.	Denton	12030103, 12030104, 12030105	
03001246	03	Trinity	Structure and Infrastructure	Rectify and enlarge main outfall channels including excavating interior roadside ditches and driveway culvert system to reduce/eliminate future flood damage to flood prone structures.	Hardin	12030202	120302021205
03001247	03	Trinity	None	Develop emergency action plans (EAPs) for City of Fort Worth levees.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001248	03	Trinity	Education and Awareness- Preparedness	Provide how-to information to residents for installing backflow valves to prevent reverse-flow floods.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03001249	03	Trinity	None	Enhance public outreach programs for hazard mitigation to the citizens of Lakeside through a social media campaign, publications, and the Town of Lakeside's website.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001250	03	Trinity	None	Implement gaining/anchoring of freestanding furniture to prevent falling or floating objects that could harm people and property.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001244	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time)	No		Preserve / restore the natural function of the floodplain; Reduce flood damages and risk of injuries or fatalities through comprehensive development standards.
03001245		Proposed		General funds; local funds, In-kind match	No		Prevention of buildup of debris and materials that could cause flooding.
03001246	120302021205	Proposed		Local funding, PDM, HMGP	No		Avoid municipal infrastructure and property losses; improved floodwater outflow capacity from town centers and industrial complexes is needed to reduce/ prevent impacts of flash flooding.
03001247		Proposed		Tarrant Regional Water District, hazard mitigation grants	No		\$450,000
03001248	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Reduce damage impact on residents after a flood event; Reduce risk of sewage back-up in structures; Reduce risk of injury or illness to residents.
03001249		Proposed		Town budget, hazard mitigation grants	No		\$6,000
03001250		Proposed		Hazard mitigation grants, Maintenance and Repair budget	No		\$90,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001251	03	Trinity	None	Conduct a public awareness campaign to alert the community about emergency management procedures	Limestone	12030108, 12030201	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102
03001252	03	Trinity	None	Improve drainage and conveyance capacity for Coley Creek, Tarkington Bayou, (Dry) Cherry Creek, Peach Creek, and Big Creek to increase carrying volume and reduce potential for flooding	San Jacinto	12030202, 12030203	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103
03001253	03	Trinity	None	Elevation of Repetitive Loss (RL) homes in the 100-year flood plain.	Madison	12030202	
03001254	03	Trinity	Countywide Drainage Study	Countywide Drainage Study for use in planning and risk reduction	Fannin, Collin, Rockwall, Van Zandt, Hunt	12030106	120301060101, 120301060102, 120301060102, 120301060102
03001255	03	Trinity	Various drainage projects throughout the county	The county will work with partnering jurisdictions and engineers in order to implement drainage projects throughout the county-including adding ditches, detention ponds and detention basins in identified locations throughout the county in order to improve	Liberty	12030202, 12030203, 12040202	
03001256	03	Trinity	Hydroaxing Hackberry Gully and Cotton Bayou	Hydroaxing the entire length of Hackberry Gully and Cotton Bayou from South of I-10 to Cotton Lake. Clearing out invasive species as well as other vegetation that are currently restricting the flow of storm water. Phases 1 and 2 have been completed, the re	Chambers	12030203, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001251	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102	Proposed		FEMA mitigation grants, Dept. of Homeland Security (DHS) grants	No		Public would be aware of procedures to be taken during an emergency.
03001252	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103	Proposed		HMGP, FMA, PDM, TWDB	No		Social, technical, administrative, benefits
03001253		Proposed		Repetitive Loss Mitigation Grants from the Texas Water Development Board	No		Elevation of structures within the 100-year flood plain can save lives and prevent property damage.
03001254	120301060101, 120301060102, 120301060102, 120301060102	Ongoing		FIF	No		Reduce damages caused by flooding by maintaining or restoring drainage capacity.
03001255		Proposed		HMGP, local budget and current salary	No		1:4 cost-benefit ratio
03001256	120302030202, 120302030203, 120302030204, 120302030304, 120302030306	Proposed		HMGP	No		This area has been prone to flooding in the recent heavy rain events. Water filling the streets and coming near and/or entering homes. This is unincorporated area south of I-10 and East of 99 in the flood plains for Hackberry Gully and Cotton Bayou.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001257	03	Trinity	Implementation of Code Red or Advanced Warning and Public Notification System	Obtain access and/or incorporate the use of the automated emergency calling system, Code Red, into local emergency management plan	Henderson	12030105, 12030107, 12030201	
03001258	03	Trinity	Purchase and Install a Generator for City Hall.	City Hall is currently vulnerable to power failure. This generator would be used as a redundant source of power to mitigate against impacts on the power grid caused by natural hazards.	Ellis	12030102, 12030105, 12030108, 12030109	
03001259	03	Trinity	None	Acquisition of Repetitive Loss (RL) homes from the 100-year flood	Madison	12030202	
03001260	03	Trinity	None	Prairie Creek improvement program to increase flow, reduce debris, and coordinate with adjacent property owners	Johnson	12030102, 12030109	
03001261	03	Trinity	Dallas County Hazard Mitigation Action Plan Update	Dallas County Hazard Mitigation Action Plan Update	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001262	03	Trinity	None	Develop, train and exercise Continuity of Operations (COOP) plans for city employees and facilities.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001263	03	Trinity	None	Acquire existing homes located downstream of Town Branch Dam and Crescent Lake Dam within the city limits of Madisonville	Madison	12030202	
03001264	03	Trinity	Early Warning and Public Notification	Check the location and condition of warning sirens, if repairs are needed, determine cost and make an appropriate recommendation to the governing body	Henderson	12030105, 12030107, 12030201	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001257		Proposed		City Budget/Grants	No		High
03001258		Proposed		HMGP, local funds	No		Protect City Hall from vulnerability to power failure.
03001259		Proposed		Repetitive Loss Mitigation Grants from the Texas Water Development Board	No		Removal of structures and people from the 100-year flood plain can save lives and prevent property damage
03001260		Proposed		City, others to be identified	No		Results are likely a long-term reduction of risk from hazard(s) addressed and/or results are not widespread; potential community opposition; lead agency has capabilities
03001261		Proposed		Unknown	No		Unknown
03001262		Proposed		City budget, grant funds	No		\$30,000
03001263		Proposed		FEMA HMGP Grants and FEMA FMA Grants	No		Can save lives and prevent property damage by permanently removing structures from the dam inundation zones.
03001264		Proposed		City Budget	No		High

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001265	03	Trinity	Structural Projects	Storm drainage project to reduce flooding from backing up water during heavy rain event. (NFIP)	Cooke	12030103, 12030104	
03001266	03	Trinity	Education and Awareness	Purchase NOAA "All Hazard" radios for early warning and event information and be placed in critical facilities, schools, and nursing homes	Kaufman	12030105, 12030106, 12030107	
03001267	03	Trinity	Education and Awareness	Implement and enhance an area-wide telephone Emergency Notification System ("Reverse 911").	Jack	12030101	
03001268	03	Trinity	None	Incorporate video conferencing ability to the City of Haslet's Emergency Operations Center (EOC) to enhance communications capabilities.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001269	03	Trinity	Local Plans and Regulations	Protect power lines and infrastructure -Burying power lines to provide uninterrupted power after severe winds, considering both maintenance and repair issues.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001270	03	Trinity	None	Add one 10' x 10' CBC to the four existing CBCs along Sulphur Branch at Circle Lane. This will increase the existing conditions to 100-year flood level of protection in order to protect the traffic flow on streets as well as keep roadways open to all	Tarrant	12030101, 12030102, 12030103, 12030104	
03001271	03	Trinity	Local Plans and Regulations	Restrict future development in high risk areas.	Montague	12030101, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001265		Proposed		Grants	No		When working with planning team members from each jurisdiction all mitigation ideas t were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03001266		Proposed		Local Revenue, Budget	No		Increase warning time for first responders to flood events
03001267		Proposed		Local Funds, State and Federal Grants	No		Reduce risk to citizens through improved communication and early warning
03001268		Proposed		City budget	No		\$60,000
03001269		Proposed		Local Funds , Bonds, State and Federal Grants	No		Reduce damages to infrastructure; Ensure continuity of critical services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations.
03001270		Proposed		City budget, Capital Improvement Project (CIP)funds, HMGP, PDM	No		\$3,000,000
03001271		Proposed		Local Funds (staff time)	No		Reduce risk of damages to new structures and infrastructure through building restrictions in high risk areas.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001272	03	Trinity	Local Plans and Regulations	Conduct studies to develop inundation maps for Lake Ray Hubbard and Duck Creek Tributary and how it affects the Town of Sunnyvale. These studies will be done in coordination with the owners and operators of the dam as well as relevant consultants. Data o	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001273	03	Trinity	None	Enforce application of flooding regulation for new construction by conducting regular inspections to new development in the City	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001274	03	Trinity	Education and Awareness	Educate the public on mitigation activities that can help protect properties in the event of a flood, such as elevate AC units, elevate structures, and use of freeboard	Kaufman	12030105, 12030106, 12030107	
03001275	03	Trinity	Structure and Infrastructure	Identify flood-prone and repetitive loss properties through the Texas Water Development Board. Identify and implement actions to reduce or eliminate flooding at identified properties.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03001276	03	Trinity	None	Per NFIP participation, acquire homes located in the floodplain	Leon	12030201, 12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001272		Proposed		Local Funds, State and Federal Grants	No		Improve risk assessment; reduce risk of damages or injuries through improved building standards; reduce risk of damages and injuries.
03001273	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001274		Proposed		Grants	No		Protection of properties; reduce risk to public health, safety and welfare
03001275	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds (staff time), State and Federal Grants	No		Cost/Losses Avoided):Reduce risk of damages or injuries through flood mitigation at high risk structures; Reduce the need for emergency response in high risk areas; Reduce repetitive flood losses/claims; Reduce community recovery efforts and costs.
03001276		Proposed		FEMA Hazard Mitigation Grant Program	No		Help protect people and property and reduce health risks.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001277	03	Trinity	Structure and InfrastructureProject	Improve Animal Shelter capability during and following disaster events by identifying animal shelter locations as part of county’s Emergency Preparedness plan	Kaufman	12030105, 12030106, 12030107	
03001278	03	Trinity	Construct detention pond	Construct detention pond.	Liberty	12030202, 12030203, 12040202	
03001279	03	Trinity	None	Establish after incident review procedures to help develop contingency and after incident action in the City of Haslet.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001280	03	Trinity	Upper Lake Dam Improvements	Upper City Lake Dam is a 22-ft high earthen dam with a normal capacity of 186 acre-feet and a crested spillway that discharges to the tributary system of Bassett Creek, within the Trinity River Basin.	Anderson	12030105, 12030201	
03001281	03	Trinity	Local Plans and Regulations–Response and Recovery	Create and execute plan for providing mobile and modular WIFI connectivity after a disaster. This capability can support both emergency City operations as well as be deployed in shelters to assist evacuees with registering for disaster assistance on thei	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001277		Proposed		HMGP, State Dept. of Health	No		Reduced risk to public health, safety and general welfare to animals and the general public; eliminate displaced animals due to an event.
03001278		Proposed		USACE-Small Flood Control, CDBG, USDA NRCS Emergency Watershed Protection, TWDB Clean Water Fund, TWDB-Texas Water Development Fund, USDA NRCS, MASSGrant Program, 406 Public Assistance, PDM, HMGP	No		1:4 cost-benefit ratio
03001279		Proposed		City Budget	No		\$6,000
03001280		Proposed		No cost listed	No		None listed
03001281		Proposed		Local Funds, State and Federal Grants	No		This would be a new capability that addresses challenges seen in recent events.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001282	03	Trinity	None	Per NFIP participation, acquire any repetitive loss structures located below the high hazard dams	Leon	12030201, 12030202	
03001283	03	Trinity	None	Purchase, install, or update emergency generator at critical facilities to include Justice Center for alternate EOC location, EOC, and Sheriff's Office.	Hood	12030102	120301020301, 120301020301
03001284	03	Trinity	Education and Awareness	Obtain certification in the National Weather Service StormReady Program	Montague	12030101, 12030103, 12030104	
03001285	03	Trinity	Structure and InfrastructureProject	Retrofit Middle School gymnasium to update AC/heatingand strengthen/harden facility	Kaufman	12030105, 12030106, 12030107	
03001286	03	Trinity	Communicati ons Capabilities	Installation of HAM club antennas and radio system into Central Station for early warning and/or post warning on multi hazards	Henderson	12030105, 12030107, 12030201	
03001287	03	Trinity	Structure and InfrastructureProject	Increase culvert capacity in front of middle school to prevent sidewalks from washing out and flooding	Kaufman	12030105, 12030106, 12030107	
03001288	03	Trinity	Retrofit existing buildings to meet the requirements of the International Building Code	The International Building Code provides the framework for constructing structures that will most effectively withstand the impacts of natural hazards. As the IBC is periodically updated, the city will update and enforce the code to require all structure	Denton	12030103, 12030104, 12030105	
03001289	03	Trinity	Promote the use of early warning systems.	Increase the ability of residents and businesses of West Tawakoni to receive early warning from the National Weather Service. This would be accomplished by using grant funding to help purchase and distribute NOAA weather radios to vulnerable populations	Hunt	12030106, 12030107	120301060101, 120301060101, 120301060102, 120301070102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001282		Proposed		General fund	No		Protection of life and property by removing people and structures from the identified dam failure inundation zone
03001283	120301020301, 120301020301	Proposed		Hazard mitigation grant, CDBG, FEMA, Capital Budget	No		\$3 million
03001284		Proposed		Local Funds, State and Federal Grants	No		Reduce risk to citizens by educating the public on how to prepare for hazards and disasters.
03001285		Proposed		Grants	No		Provide adequate AC/heating for extreme heat and winter storm events and strengthen building envelope for high wind events
03001286		Proposed		City Budget	No		Low
03001287		Proposed		HMGP	No		Reduce ongoing maintenance of sidewalks due to heavy runoff and poor drainage during flash flood events
03001288		Proposed		General funds, local funds	No		New building codes would allow existing buildings to be retrofitted to mitigate against structure-impacting hazards.
03001289	120301060101, 120301060101, 120301060102, 120301070102	Proposed		General funds, federal grants, state grants	No		Advanced warning allows citizen to respond to natural hazards with more time to prevent loss of life and property damage.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001290	03	Trinity	Structure and Infrastructure	Acquire and install generators with hard wired quick connections at all critical facilities.	Montague	12030101, 12030103, 12030104	
03001291	03	Trinity	Education and Awareness	Acquire and distribute NOAA weather radios to all campus locations and administrative office locations.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03001292	03	Trinity	Develop specialized strike teams comprised of volunteers.	Volunteers provide the majority of the support for response and recovery operations in addition to public education. Developing this resource with training and equipment is necessary to maintain a pool of active members and to develop specialized skill s	Denton	12030103, 12030104, 12030105	
03001293	03	Trinity	None	Update maps to address the three floodwater retention sites to the west and to the north of Sherman.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001294	03	Trinity	Rebuild Turkey Creek Trail from 9th Street to State Highway 114.	Turkey Creek Trail is on a major east-west connector street that carries motorist from central Bridgeport to State Highway 114. This roadway is an inadequately constructed roadway that lies in the floodplain. By rebuilding this roadway, improving elevati	Wise	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001290		Proposed		Local Funds, State and Federal Grants	No		Provide power for critical facilities during power outages and ensure continuity of critical services.
03001291	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce risk to students and faculty through improved communications and early warning.
03001292		Proposed		Urban Area Security Initiative	No		It is extremely cost-effective to train volunteers rather than hire contractors.
03001293	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001294		Proposed		General Fund, HMGP, PDM, Local funds, in-kind, donations	No		Cost effectiveness derived by preventing motorist from driving into a flooded low water crossing that has the potential for causing drowning or injur

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001295	03	Trinity	Structure and Infrastructure	Prioritize retrofitting, redevelopment, and increasing resiliency of public housing.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001296	03	Trinity	Build an Emergency Operations Center	Build an Emergency Operations Center	Denton	12030103, 12030104, 12030105	
03001297	03	Trinity	Provide adequate warning and communication before, during, and after a hazard event.	Establish an AM radio station to broadcast weather conditions, hazards and road closures. Also will allow for broadcast of watches, warnings, evacuation routes, shelter information, and mitigation information	Collin	12030103, 12030105, 12030106	
03001298	03	Trinity	Structure and Infrastructure	Harden / retrofit critical facilities to hazard-resistant levels.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03001299	03	Trinity	None	Replace current drainage system known as the "Aqueduct" in the city. Includes creating underground drainage along North Main Street.	Parker	12030101, 12030102	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001295		Proposed		Hazard Mitigation Grants, general obligations bonding, city budget, and/or property owners	No		Reduce damages at public housing; Reduce risk of injury to residents.
03001296		Proposed		HMPG, PDM, General Fund, Local funds, Grants	No		The EOC will be the main coordination point for all hazard and special events. As the city grows, it will require a central location to coordinate emergencies.
03001297		Proposed		City Budget, Grant Programs	No		The AM Radio Station will reduce the threats to the citizens by alerting them to impending severe weather and warn citizens to seek appropriate shelter inside.
03001298	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce damages at critical facilities; Ensure continuity of critical services during and after event; reduce risk of injury to emergency and critical personnel.
03001299		Proposed		Capital Improvement Fund, grants, partnership with government entities	No		\$600,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001300	03	Trinity	None	Transform city-owned properties in flood-prone areas into open-space parks	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03001301	03	Trinity	Protection and Maintenance of Roadway and Infrastructure	Perform maintenance of culverts and ditches throughout the city and sewer plant location	Henderson	12030105, 12030107, 12030201	
03001302	03	Trinity	Structure and Infrastructure	Acquire and install generators with hard wired quick connections at all critical facilities.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03001303	03	Trinity	None	Enforce strict floodplain regulations.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001300	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		PDM Grant, HMGP Grant	No		This action will reduce the effects of flooding on new and/or existing buildings by preventing the construction of new structures in flood-prone areas.
03001301		Proposed		City Budget	No		High
03001302	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Provide power for critical facilities during power outages and ensure continuity of critical services
03001303	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001304	03	Trinity	Education and Awareness	Implement education and awareness program utilizing media, social media, bulletins, flyers, etc. to educate citizens of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damages.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03001305	03	Trinity	Require concurrence from all departments on projects through site plan	Research, develop, and expand City facility building standards to incorporate use of hazard resistant materials. The City adopted 2015 Building Codes and will continue to adopt the most relevant codes	Kaufman, Dallas	12030105, 12030106	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204
03001306	03	Trinity	Structure improvements -North Weatherford Street in front offire station and Oakwood Street between Granada and El Camino	This project is to improve the drainage system to handle 100-year storm frequency to protect property and human life.	Wise	12030101, 12030102, 12030103, 12030104	
03001307	03	Trinity	None	Improve drainage for storm water run-off along Florence street south to Buck Creek Road and Lake Ray Roberts watershed area	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001304	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time), State and Federal Grants	No		Promote hazard awareness and protect citizens from potential injuries and damages.
03001305	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204	Proposed		General funds	No		None listed
03001306		Proposed		HMGP, PDM, City budget, General fund	No		Cost is low compared to the potential benefits of reducing the effects of a 100-year flood.
03001307	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001308	03	Trinity	Natural Systems Protection	Acquire and preserve open spaces adjacent to floodplain areas.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03001309	03	Trinity	Structure and Infrastructure	Adopt and implement a routine tree trimming program that clears tree limbs near power lines and / or hanging in right-of-way; Remove dead trees from right-of-way and drainage systems on a scheduled basis.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03001310	03	Trinity	Education and Awareness	Conduct outreach to improve capabilities and coordination to implement mitigation projects through public and private partnerships.	Kaufman	12030105, 12030106, 12030107	
03001311	03	Trinity	None	Obtain available dam failure impact data necessary for determining the most appropriate mitigation approach that would achieve compliance with the State's TCEQ regulations for all high and significant hazard dams which are lacking necessary data.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001308	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce flood risk to structures and infrastructure in and near the floodplain; Reduce downstream impacts associated with development in the floodplain; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood even
03001309	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds (staff time), State and Federal Grants	No		Reduce damages to infrastructure; Ensure continuity of services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations.
03001310		Proposed		Local Revenue	No		Maximize HMGP and grant funding through partnerships
03001311	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001312	03	Trinity	Education and Awareness	Implement education and awareness program utilizing media, social media, bulletins, flyers, etc. to educate citizens of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damage.	Van Zandt	12030107	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304
03001313	03	Trinity	Design and construct new bridge	Design and construct new bridge over East Fork San Jacinto River on Low Water Bridge Road (County Road 388) to reduce flooding.	Liberty	12030202, 12030203, 12040202	
03001314	03	Trinity	Structure and Infrastructure	Build earthen dike to elevate emergency vehicle access road to critical facilities to provide protection to 500-year flood level.	Houston	12030201, 12030202	
03001315	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Denton	12030103, 12030104, 12030105	
03001316	03	Trinity	Structure and Infrastructure Project	Acquire high risk and repetitive flood-prone structures	Kaufman	12030105, 12030106, 12030107	
03001317	03	Trinity	Conduct annual Tabletop Exercise (Conduct/develop drills/training for all hazards)	Emergency Operations Center personnel continue to participate in at least one tabletop exercise on an annual basis. Opportunities for mitigation of a different hazard on a rotating basis are identified as one of the goals or objectives, captured in lessons	Kaufman, Dallas	12030105, 12030106	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204
03001318	03	Trinity	None	Plant more trees in the city to provide shade and absorb water.	Parker	12030101, 12030102	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001312	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304	Proposed		Local Funds (staff time), State and Federal Grants	No		Promote hazard awareness and protect citizens from potential injuries and damages.
03001313		Proposed		HMGP, PDM, County funds	No		1:4 cost-benefit ratio
03001314		Proposed		Grants	No		Improve emergency response in the event of severe flooding event.
03001315		Proposed		HMPG; Watershed Authorities; Dam sponsors; Local sponsors; In-Kind	No		Mitigation against inundation of dam failure and flooding.
03001316		Proposed		HMGP	No		Reduce financial outlay and potential loss of life and property
03001317	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204	Proposed		General funds	No		None listed
03001318		Proposed		General Fund, grants	No		\$24,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001319	03	Trinity	Local Plans and Regulations	Adopt regulations to limit amount of impervious cover in conjunction with new development.	Montague	12030101, 12030103, 12030104	
03001320	03	Trinity	Local Plans and Regulations	Establish city parks along low-lying areas, referenced the Capital Improvement Plan, City of Sachse Park and Open Space Master Plan and Building Restrictions to reduce losses and repetitive damage.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001321	03	Trinity	Structural Projects	Installation of automatic flood crossing barriers at low water crossing to prevent automobiles from driving through high water. (NFIP)	Cooke	12030103, 12030104	
03001322	03	Trinity	None	Enlarge culvert on Sam Loggins Road.	Polk	12030202	
03001323	03	Trinity	Purchase and install additional outdoor early warning sirens in areas of new development.	DiscussionBridgeport is expanding at a rapid pace. By purchasing new sirens and installing them at locations currently under development, new residents will have their long-term vulnerability lowered immediately. This project will protect lives by alerti	Wise	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001319		Proposed		Local Funds (staff time)	No		Reduce flood damages and risk of injuries or fatalities through regulated development; Reduce the amount of stormwater runoff in densely developed areas during flood events; Reduce the risk of downstream flooding.
03001320		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of damages from flooding
03001321		Proposed		Grants	No		When working with planning team members from each jurisdiction all mitigation ideas were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03001322		Proposed		HMGP, PDM, budget	No		None listed
03001323		Proposed		General Fund, HMGP, PDM, Local funds, in-kind, donations	No		The cost effectiveness is found in the ability to save lives by warning people early to take the appropriate action during hazard events.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001324	03	Trinity	Local Plans and Regulations; Structure and Infrastructure	Identify and acquire a predesignated safe site for debris removal management.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03001325	03	Trinity	Preventative Measures	Purchase portable pump for emergency situations that cause water back up in low lying and flood prone areas. These pumps could be use when existing pump at the Zoo is nonfunctional or when the floodwaters exceed current pump capacity	Cooke	12030103, 12030104	
03001326	03	Trinity	Structure and Infrastructure	Acquire and install generator with permanent hard-wired quick connections to facility.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03001327	03	Trinity	Structure and Infrastructure	Acquire and install generators with hard wired quick connections at all campus locations.	Montague	12030101, 12030103, 12030104	
03001328	03	Trinity	None	Continue efforts to improve the City's CRS rating.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001324	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		HMGP & other grant funds	No		Reduce disaster response time and increase environmental life safety by pre-designating a safe site for debris relocation from public roadways and public buildings
03001325		Proposed		Budget/HMGP Grant	No		When working with planning team members from each jurisdiction all mitigation ideas were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03001326	120301010101, 120301010102, 120301010103, 120301010107	Proposed		HMGP, PDM	No		Reduce damages at facility; ensure continuity of services during and after event; reduce risk of injury to personnel.
03001327		Proposed		Local Funds, State and Federal Grants	No		Provide power for school facilities during power outages and ensure safety of students and continuity of critical services.
03001328		Proposed		City budget, hazard mitigation grants	No		\$30,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001329	03	Trinity	Education and Awareness	Provide how-to information to residents for installing backflow valves to prevent reverse-flow floods.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03001330	03	Trinity	None	Become a National Weather Service (NWS) StormReady community.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001331	03	Trinity	None	Purchase a backup generator to power Hollister Street LiftStation	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03001332	03	Trinity	None	Ensure high hazard dam owners are members of a dam safety program	Parker	12030101, 12030102	
03001333	03	Trinity	Structure and Infrastructure, Natural Systems Protections (vacant land)	Develop a land acquisition program in flood hazard areas. Acquire and demolish repetitive loss properties. Acquire high risk vacant land and maintain as open space.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03001334	03	Trinity	Structure and Infrastructure	Bury existing utility lines.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001329	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds, State and Federal Grants	No		Reduce damage impact on residents after a flood event; Reduce risk of sewage back-up in structures; Reduce risk of injury or illness to residents.
03001330		Proposed		City budget, hazard mitigation grants	No		\$3,000
03001331	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		Enhance safety of population by helping ensure continued power supplies in emergency situations.
03001332		Proposed		General Fund, grants	No		\$3,000
03001333	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds, State and Federal Grants	No		Eliminate risk of flood damages to high risk structures and prevent future losses in high risk flood hazard areas; Reduce downstream impacts associated with development in the floodplain; Reduce risk of injuries to citizens; Reduce burden on emergency se
03001334		Proposed		Local Funds (staff time)	No		Reduce damages to infrastructure; Ensure continuity of critical services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001335	03	Trinity	Structural Project	Retrofit and harden the Emergency Operations Center serving Walker County including city of Huntsville, New Waverly and Riverside.	Walker	12030202	
03001336	03	Trinity	None	Purchase and install a backup generator for the Navasota Junior High School for sheltering.	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03001337	03	Trinity	Minimize potential impacts for future development from natural hazards	Hire a consultant to complete a dam inundation study,safety study,and inventory of mitigation activities to implement for the county dams.	Hunt	12030106, 12030107	120301060101, 120301060101, 120301060102, 120301070102
03001338	03	Trinity	Provide adequate warning and communication before, during, and after a hazard event.	Purchase and install outdoor warning sirens to increase coverage for new development areas	Collin	12030103, 12030105, 12030106	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001335		Proposed		FEMA Emergency Operations Center, Department of Justice-State Homeland Security Program, FEMA Emergency Management Planning Grants	No		More than a 1:4 cost-benefit ratio
03001336	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		Enhance the safety for the citizens by providing a sheltering location with appropriate power. This location can also be used to assist medical special needs with medical equipment that may need electrical power. PriEnhance the safety for the citizens by
03001337	120301060101, 120301060101, 120301060102, 120301070102	Proposed		Local funds, in-kind	No		Based on the data deficiency identified in Chapter 3. Conducting a thorough study would give better understanding of status of dams and identify further areas of potential mitigation efforts.
03001338		Proposed		General Fund, HMGP, PDM Local Funds, In-kinds, user fees	No		Installing sirens in areas of new development, Farmersville can ensure longterm reduction of vulnerability to life and personal property.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001339	03	Trinity	Structure and Infrastructure	Merritt Road Interconnector -Phase 2. The design phase for this project is to be completed by the end of summer 2019. This four-lane project is designed to decrease congestion for approximately 8,000 daily commuters (as of May 2019) on, eliminate th	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001340	03	Trinity	Local Plans and Regulations	Incorporate higher standards for hazard resistance in local application of the building code.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03001341	03	Trinity	Local Plans and Regulations	Promote land use program, identify land within the floodplain, and assess uses for conservation or recreation.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001342	03	Trinity	None	Install generator(s) for electrical back up.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001339		Proposed		Local Funds, (CIP), HMGP, Bond Funding	No		Reduce risk of flood damages to critical infrastructure; Reduce risk to residents during extreme flood events.
03001340	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Reduce risk of damages to structures through improved construction techniques; Reduce recovery efforts for the community after an event.
03001341		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP), State Grants	No		Reduce risk of damages to structures through restrictions in development; Reduce recovery efforts for the community after an event; Reduce risk of injury or fatality to citizens; Restore functions of the natural floodplain.
03001342	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001343	03	Trinity	Local Plans and Regulations -Ongoing	Continue standards that require the burial of electrical, telephone, cable lines and other utilities in new developments.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001344	03	Trinity	Structure and Infrastructure	Upgrade and reinforce back side of Old Bowie Lake dam to prevent dam failures.	Montague	12030101, 12030103, 12030104	
03001345	03	Trinity	Local Plans and Regulations	Adopt on-site retention basin program to address excessive storm water/ firefighting water source. Phase one will be to conduct an engineering study to identify properties that would provide the most benefit to manage runoff.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001346	03	Trinity	Develop and Implement Mitigation Public Education and Awareness Program with resources to mitigate the impacts of each identified hazard.	This will provide a community awareness campaign concerning the risks and consequences of natural hazards.	Denton	12030103, 12030104, 12030105	
03001347	03	Trinity	Harden and retrofit the current fire station to serve as the city EOC.	Structure would be retrofitted to withstand Tornado, Earthquakes, flooding, hail, wildfire, severe winter storms, and high winds. Building would be serve as a community shelter for severe weather, wildfire, and extreme heat. Building will have sustainable	Wise	12030101, 12030102, 12030103, 12030104	
03001348	03	Trinity	None	Become a National Flood Insurance Program Community Rating System (CRS) community	Parker	12030101, 12030102	
03001349	03	Trinity	None	Develop and implement a comprehensive public education program that includes recommended actions to mitigate the impacts of each identified hazard.	Wise	12030101, 12030104	120301040203, 120301040206, 120301010511, 120301010601, 120301010604

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001343		Proposed		N/A	No		Reduce damages to infrastructure; Ensure continuity of critical services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations.
03001344		Proposed		USDA, TxDOT, FEMA, Local Funds	No		Flood Prevention; Reduce risk to structures and infrastructure; Reduce risk of injury to residents or responders.
03001345		Proposed		Local Fund, HMGP, other funding sources	No		Reduce flood risk.
03001346		Proposed		Fire Department	No		Hazard public education and awareness materials will be distributed through social media and public outreach.
03001347		Proposed		HMGP, PDM, City budget, General fund	No		Cost is minimal compared to protection of First Responders, equipment and data
03001348		Proposed		County budget, Hazard mitigation grants, USDA grants, general fund	No		\$600,000
03001349	120301040203, 120301040206, 120301010511, 120301010601, 120301010604	Proposed		HMA Grants, General Fund, Local donations, in-kind	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001350	03	Trinity	Dredging West Fork-Double Bayou	Dredge West Fork-Double Bayou from mouth to FM 562 bridge	Chambers	12030203, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306
03001351	03	Trinity	Educate the public on actions they can take to prevent or reduce the loss of life or property from all natural hazards	Educated citizens on the importance of creating a Large Animal Rescue Plan to mitigate the impacts of each identified hazard.	Collin	12030103, 12030105, 12030106	
03001352	03	Trinity	None	Establish an open space preservation program that encourages rapid drainage of populated areas and limits construction of new structures within flood-prone areas.	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03001353	03	Trinity	None	Bi-annual storm drainage cleaning program	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03001354	03	Trinity	None	Provide NFIP brochures in city facility sitting area for residents.	Parker	12030101, 12030102	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001350	120302030202, 120302030203, 120302030204, 120302030304, 120302030306	Proposed		Rebuild Texas Project	No		Avoid losses to Residents and structures along Double Bayou
03001351		Proposed		HMGP, PDM, General Fund, Local Funds, Grants	No		This project will help the Lucas Fire Department educate large animal owners about hazards to their animals and an all hazards approach to building safer barns as well as what mitigation actions can be taken. Allow the Lucas Fire Department capability to
03001352	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		NFMF, PDM Grant Program, EMPG Grant Program	No		A large area of the city is prone to flooding. By utilizing land use and environmental planning measures, the City can establish an open space preservation program that facilitates the runoff of storm waters and limits construction in areas that are the
03001353	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To keep debris from hampering drainage and causing flooding in heavy rain events.
03001354		Proposed		General Fund, grants	No		\$600

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001355	03	Trinity	Install a community safe room at Chico City Hall that will be open to the staff and public.	Installation of a community safe room at Chico City Hall will reduce the vulnerability of city residents by ensuring a reinforced location in the building for all in the event of a hazard incident.	Wise	12030101, 12030102, 12030103, 12030104	
03001356	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams within the county	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Ellis	12030102, 12030105, 12030108, 12030109	
03001357	03	Trinity	Extend Langston Road	Extend Langston Road to IH 10 Feed allowing 2 access points to McLeod Park Shelter	Chambers	12030203, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306
03001358	03	Trinity	Country Club Estates Storm Sewer Improvements	Storm sewer and channel improvements to increase their drainage capacity	Rockwall, Collin, Dallas	12030105, 12030106	120301060402, 120301060402, 120301060406, 120301060407, 120301050105, 120301060402, 120301060403, 120301060406, 120301060407, 120301060408, 120301060409, 120301060501
03001359	03	Trinity	Inventory equipment and supplies owned by the jurisdiction which could be useful during a natural hazard event	Inventory kept at city hall of capabilities for Search for and rescue of stranded citizens; transportation of injured or special needs individuals; debris removal; infrastructure repair; communications; location, size and condition of shelter facilities;	Henderson	12030105, 12030107, 12030201	
03001360	03	Trinity	Structure improvements - Champion and Jim Walters.	This project involves adding one 4' diameter corrugated metal pipe culvert to enhance drainage and eliminate road erosion. This will increase the existing conditions to 100-year flood level of protection in order to protect the traffic flow on streets, a	Wise	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001355		Proposed		HMGP, PDM, DHS, NWS funds, City budget, Private donations, General fund	No		Cost is offset by lives saved and injuries avoided.
03001356		Proposed		HMGP, Watershed Authorities, dam sponsors, local sponsors, in-kind	No		Protect existing and new properties from the effects of all natural hazards including flooding.
03001357	120302030202, 120302030203, 120302030204, 120302030304, 120302030306	Proposed		HMAP	No		Avoid Residents trying to get to the McLeod Park Shelter
03001358	120301060402, 120301060402, 120301060406, 120301060407, 120301050105, 120301060402, 120301060403, 120301060406, 120301060407, 120301060408, 120301060409, 120301060501	Proposed		To be proposed in a future budget; Mitigation grant funding	No		Homeowners in the Country Club Estates neighborhood would see a reduction or elimination of flood loss. Garland would reduce money spent on bank erosion repairs
03001359		Proposed		City Budget	No		Low
03001360		Proposed		City Budget, CIP Funds, HMPG, PDM, General fund	No		The cost of this project is low compared to the potential benefits of reducing the effects of 100-year flood damage.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001361	03	Trinity	None	Routinely inspect and clear debris from drainage systems. To conduct clearing activities, the city would require purchasing/renting backhoe to help with drainage ditches, retention tanks, etc.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001362	03	Trinity	Structure and Infrastructure	Enhancement of Outdoor Warning Siren System to include communications, security, to provide alert, warning and notification to residents and visitors during all hazards emergencies/disasters to include newer technologies to include NWS polygon activation	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001363	03	Trinity	Structure and Infrastructure	Install backup generators and automatic transfer switches (UPS systems) in all city facilities that house critical infrastructure, personnel and equipment to include existing and new City of Duncanville facilities.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001364	03	Trinity	Acquisition of Repetitive Loss Properties	Acquisition of 2 repetitive loss properties within the City of Huntsville.	Walker	12030202	120302020801, 120302020802, 120302020805
03001365	03	Trinity	None	Create an alternative Emergency Operations Center at the new or existing police station.	Parker	12030101, 12030102	
03001366	03	Trinity	Education and Awareness	Implement rainfall observer program utilizing volunteers.	Houston	12030201, 12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001361	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001362		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP), Capital Improvement Plan	No		Prevents loss of life
03001363		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP)	No		Reduce losses of life and property.
03001364	120302020801, 120302020802, 120302020805	Proposed		FEMA Hazard Mitigation Assistance Grants, City Funds, Bonds	No		The benefit-cost analysis for these structures will be cost-effective in order to be funded.
03001365		Proposed		General funds, mitigation grants	No		\$3,000,000
03001366		Proposed		Local Revenue, NOAA	No		Improve data and information regarding recorded rainfall.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001367	03	Trinity	Lower Lake Dam Improvements	Lower City Lake Dam is a 27-foot high earthen dam with a normal capacity of 256 acre-feet and a crested spillway that discharges to the tributary system of Bassett Creek within the Trinity River Basin	Anderson	12030105, 12030201	
03001368	03	Trinity	None	Conduct road elevation and drainage improvements. Specific drainage locations identified on pg. 166 of HMAP	Polk	12030202	
03001369	03	Trinity	Structure and Infrastructure	Install permanent generators at all critical facilities.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03001370	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Denton	12030103, 12030104, 12030105	
03001371	03	Trinity	Hardin County Non-Residential Hurricane Safe Room	Hardin County Non-Residential Hurricane Safe Room	Hardin	12020007, 12030202	
03001372	03	Trinity	Infrastructure and Utility Improvement s	Replacement of water lines with better quality materials and relocated if needed to prevent further damage or underlying hazards	Henderson	12030105, 12030107, 12030201	
03001373	03	Trinity	None	Provide National Flood Insurance Program material at public facilities.	Parker	12030101, 12030102	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001367		Proposed		No cost listed	No		None listed
03001368		Proposed		HMGP, PDM, FMA, CDBG, budget	No		None listed
03001369	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		HMGP Grant Funds with Local match	No		Ensure continuity and continuation of essential services to residents/community in the event of a natural disaste
03001370		Proposed		HMPG; Watershed Authorities; Dam sponsors; Local sponsors; In-Kind	No		Mitigate against flooding from dam failure.
03001371		Proposed		Unknown	No		Unknown
03001372		Proposed		City Budget/Grants	No		Medium
03001373		Proposed		General funds, Impact fees, grants	No		\$6,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001374	03	Trinity	None	Maintaining and clearing existing storm drainage infrastructure and waterways.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001375	03	Trinity	None	Educate city employees on the most “at-risk” populations in the city and how to mitigate the risks to these populations.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001376	03	Trinity	None	Enhance alert capabilities for phone, text, and email by implementing a mass notification system.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001377	03	Trinity	Improve the City of Grand Prairie’s capability to mitigate against flood events	Increase in number of flood insurance policies.	Ellis, Tarrant, Dallas	12030102	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001374	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001375		Proposed		City budget	No		\$60,000
03001376		Proposed		City budget, hazard mitigation grants	No		\$60,000
03001377		Proposed		City budget, FEMA	No		Unknown

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001378	03	Trinity	Reduce flooding by increasing size of culverts	Reduce flooding by increasing size of culverts to 24 inches on County Road 2361, 2362, 2363, and 2364 and CR 2358.	Liberty	12030202, 12030203, 12040202	
03001379	03	Trinity	None	Eliminate the loss of power from critical city buildings with the installation of backup generators to existing and future buildings for consistent reliable power.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001380	03	Trinity	Education and Awareness	Conduct public education program for area residents (within eligible radius of shelter), students and faculty regarding drills/evacuation procedures for utilizing shelter during disasters	Kaufman	12030105, 12030106, 12030107	
03001381	03	Trinity	Construction of Flood Mitigation Solutions for Elkins Lake	Construction of drainage/channelization/storage solutions that will alleviate flooding within the Elkins Lake community.	Walker	12030202	120302020801, 120302020802, 120302020805
03001382	03	Trinity	None	Active participation in the NFIP program and educate citizens on the availability of flood insurance. (NFIP)	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03001383	03	Trinity	None	Enhance the coverage area of outdoor warnings with the addition of an outdoorwarningsiren and the replacement of any outdated outdoor warning sirens.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001378		Proposed		USACE-Small Flood Control Projects, USACE-Clearing and Snagging Projects, CDBG, USDA NRCS-Emergency Watershed Protection Agency, TWDB-Clean Water State Revolving Fund, TWDB (Development Fund II)-Texas Water Development Fund, USDA NRCS	No		1:4 cost-benefit ratio
03001379		Proposed		HMGP, city funds	No		\$690,000
03001380		Proposed		HMGP, state education grant	No		Reduce potential loss to students, faculty, and residents in proximity of shelter during disasters
03001381	120302020801, 120302020802, 120302020805	Proposed		FEMA Hazard Mitigation Assistance Grants, City Funds	No		Due to the high number of structures that are impacted by flooding within this subdivision, this action could be cost-effective.
03001382	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Public awareness
03001383		Proposed		Hazard Mitigation Grant Program (HMGP), city funds	No		\$330,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001384	03	Trinity	None	Relocate or protect Randal Park from flood events	Johnson	12030102, 12030109	
03001385	03	Trinity	None	Dual use community safe room	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03001386	03	Trinity	Structure and Infrastructure, Natural Systems Protection	Improve water facilities resiliency by reducing the criticality and improving the condition of these facilities. Create redundancies, replace outdated electrical equipment, control valves, yard pipe improvements, and reduce the need for frequent staff in	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001387	03	Trinity	None	Initiate training for a local Community Emergency Response Team (CERT) and establish procedures	Johnson	12030102, 12030109	
03001388	03	Trinity	Adopt, implement, and enforce stricter construction requirements through ordinances.	Milford would mandate higher construction requirements consistent with the International Residential Code for all new construction.	Ellis	12030102, 12030105, 12030108, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001384		Proposed		City, others to be identified	No		Results are likely a long-term reduction of risk from hazard(s) addressed and/or results are not widespread; potential community opposition; lead agency has capabilities
03001385	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		FEMA Hazard Mitigation Grants	No		Protecting citizens who do not have reinforced shelter to survive severe storms. During excessive heat, the safe room can be used as an air conditioned cooling center.
03001386		Proposed		Hazard Mitigation Grants, general obligations bonding, city budget, and/or property owners	No		Life safety and health Infrastructure
03001387		Proposed		Not Applicable	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03001388		Proposed		Local funds, general fund, in-kind	No		This action will provide information concerning natural hazard mitigation that can be incorporated into existing buildings. This action will require stricter practices that mitigate natural hazards to be incorporated into new construction.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001389	03	Trinity	Structure and Infrastructure	Identify and pursue mitigation activities that would assist in efficient evacuations throughout the county including but not limited to improved signage, widening roads and bridges, traffic monitoring systems, and improved road connectivity.	Hardin	12030202	120302021205
03001390	03	Trinity	Local Plans and Regulations	Continually review, revise, update, and systematically maintain floodplain data and maps of flood prone areas throughout the NRPC.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03001391	03	Trinity	Local Plans and Regulations	Restrict future development in high risk areas.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001392	03	Trinity	Public Information & Education	“Turn Around Don’t Drown” campaign. This is a campaign to warn people of the hazards of walking or driving vehicle through flood waters.	Cooke	12030103, 12030104	
03001393	03	Trinity	Structure and InfrastructureProject	Resurface middle school parking lot and school bus parking lot with more formidable material such as Geotextile Crack Retardant fabric for more effective use during evacuation	Kaufman	12030105, 12030106, 12030107	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001389	120302021205	Proposed		Operating budgets, local funding, PDM, HMGP	No		Make evacuation process more efficient and safer.
03001390	120301010101, 120301010102, 120301010103, 120301010107	Proposed		HMGP, PDM	No		Reduce flood risk to structures through understanding risk and vulnerability.
03001391		Proposed		Local Funds (staff time)	No		Reduce risk of damages to new structures and infrastructure through building restrictions in high risk areas.
03001392		Proposed		Budget	No		When working with planning team members from each jurisdiction all mitigation ideas were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03001393		Proposed		HMGP	No		Reduce cost to continually repair heavily traveled parking lot following heavy rainfall and extreme heat by resurfacing with improved materials to extend life to 15 years opposed to standard 2-year service life; improve driving conditions for buses during

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001394	03	Trinity	Structure and Infrastructure	Replace rotted and worn guttering with weather-resistant material on buildings as a result of accumulated debris from severe weather events.	Houston	12030201, 12030202	
03001395	03	Trinity	Local Plans and Regulations	Develop a mutual aid agreement with the City of Terrell, City of Kemp, City of Kaufman to monitor High hazard dams with automated monitor to minimize potential dam failure of the structure	Kaufman	12030105, 12030106, 12030107	
03001396	03	Trinity	Increase culvert size	Increase culvert size at all railroad crossings.	Liberty	12030202, 12030203, 12040202	
03001397	03	Trinity	None	Design, construct, and maintain drainage improvement projects, including areas of the city to minimize the risk of loss of life and future flood damages.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001398	03	Trinity	Installation of Debris Removal Grinder	Installation of a debris removal grinder in support of mitigation activities. The equipment will reduce the impact of fallen branches on infrastructure during severe winter storms, hailstorms, windstorms, tornadoes, hurricanes/tropical storms. It will pr	Walker	12030202	120302020801, 120302020802, 120302020805

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001394		Proposed		HMGP Grants	No		Reduce ongoing maintenance of culverts and ditches, and clearing of debris due to runoff and poor drainage during flash flood events.
03001395		Proposed		HMGP	No		Reduce loss of life and property downstream from high risk dam
03001396		Proposed		Local funding through Capital Improvements, DOT Grants-in-Aid for Railroad Safety Program, USACE Clearing and Snagging Projects, USACE Small Flood Control Projects, CDBG, USDA NRCS Emergency Watershed Protection Agency, TWDB Clean Water State Revolving F	No		1:4 cost-benefit ratio
03001397		Proposed		City budget, hazard mitigation grants	No		\$90,000
03001398	120302020801, 120302020802, 120302020805	Proposed		FEMA Hazard Mitigation Assistance Grants, City Funds	No		With a full detailed benefit cost analysis conducted, this project may be cost-effective.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001399	03	Trinity	None	Establish and implement water quality management and conservation practices using regional development standards.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001400	03	Trinity	Evaluate permitting process in the area affected by the event.	Develop a process for augmenting the need for building inspectors after a disaster/incident	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03001401	03	Trinity	None	Incorporate building codes that require flood-resistant construction techniques to be used when constructing new buildings or remodeling existing buildings for those properties located in flood-prone areas	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03001402	03	Trinity	Structure and Infrastructure	Adopt and implement a program for clearing debris from bridges, drains and culverts.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03001403	03	Trinity	Improve grading of ditches	Improve grading of road ditches adjacent to existing roads.	Liberty	12030202, 12030203, 12040202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001399		Proposed		Hazard mitigation grants, agency budge	No		\$3,000,000
03001400	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney funds	No		\$200,000
03001401	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		Local funds	No		This action would provide a mechanism to enforce sound building practices to reduce flood losses for properties in areas with a high likelihood of flooding.
03001402	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce damages caused by flooding by maintaining or restoring drainage capacity.
03001403		Proposed		USACE-Small Flood Control Projects, TxDOT, HMGP, USACE-Clearing and Snagging Projects, CDBG, USDA NRCS, PDM	No		1:4 cost-benefit ratio

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001404	03	Trinity	Develop a capital improvement program	Develop a capital improvement program addressing drainage issues.	Liberty	12030202, 12030203, 12040202	
03001405	03	Trinity	Develop and implement a comprehensive public education program.	This public education program would be based on the hazards that the City of Bardwell identified. The program will educate residents on the hazards and mitigation actions for each.	Ellis	12030102, 12030105, 12030108, 12030109	
03001406	03	Trinity	Structure and Infrastructure	Acquire and install generators with hard wired quick connections at all critical facilities.	Jack	12030101	
03001407	03	Trinity	Develop and Implement Drainage Improvement Program	This addresses retention and detention ponds, surface improvement of drainage paths making them directive and more controlled, and the lining of stream banks with erosion resistant materia	Denton	12030103, 12030104, 12030105	
03001408	03	Trinity	Education and Awareness	Implement education and awareness program utilizing media, social media, bulletins, flyers, etc. to educate citizens of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damages.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001409	03	Trinity	CRS workshop	Participate in CRS workshop hosted by H-GAC.	Liberty	12030202, 12030203, 12040202	
03001410	03	Trinity	Retrofit existing buildings to meet the requirements of the International Building Code	As the IBC is periodically updated, the town will update and enforce the code to require all structures within the town limits be built to these standards.	Denton	12030103, 12030104, 12030105	
03001411	03	Trinity	None	Pass and enforce ordinances that regulate dumping in streams, ditches, and low areas.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03001412	03	Trinity	City will acquire property and structures in the flood zone along Dry Creek and its tributaries and remove structures to prevent loss of life and property during flooding events.	Buyout programs are a good value for everyone involved along with the decreased possibility of loss of human life.	Wise	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001404		Proposed		Local Commitment, PDM, HMGP	No		1:4 cost-benefit ratio
03001405		Proposed		General funds, state, federal grant funding, local funds, private donations	No		Protect community from impacts of flooding and other hazards.
03001406		Proposed		Local Funds, State and Federal Grants	No		Provide power for critical facilities during power outages and ensure continuity of critical services.
03001407		Proposed		Enterprise fund; general fund	No		Stop the effects of flooding and storm drainage
03001408		Proposed		Local Funds (staff time), State and Federal Grants	No		Promote hazard awareness and protect citizens from potential injuries and damages.
03001409		Proposed		HMGP	No		1:4 cost-benefit ratio
03001410		Proposed		General funds, local funds	No		The International Building Code provides the framework for constructing structures that will most effectively withstand natural hazards.
03001411	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Flood prevention
03001412		Proposed		HMGP, PDM, Local funds, Private donations, General funds	No		Very effective due to the elimination of future replacement costs associated with flooding.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001413	03	Trinity	None	Purchase NOAA Weather Radio All Hazardsto be used in city offices and for elderly residents.	Parker	12030101, 12030102	
03001414	03	Trinity	Ensure first responder capabilities to prepare for, respond to, and recover from identified hazards	Implement alert, warning, and notification options for visually impaired and hearing impaired citizens	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03001415	03	Trinity	Dallas County Inland Port Flood Protection Planning Study	Dallas County Inland Port Flood Protection Planning Study for use in planning and risk reduction	Dallas	12030105	
03001416	03	Trinity	None	Build a larger culvert and retention wall for watershed over low crossing on Comanche Drive	Tarrant	12030101, 12030102, 12030103, 12030104	
03001417	03	Trinity	None	Develop a Generator Run Plan for all generators utilized for emergency service facilities, and generators used for emergency service communications.	San Jacinto	12030202, 12030203	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103
03001418	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Denton	12030103, 12030104, 12030105	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001413		Proposed		General Fund, grants	No		\$60,000
03001414	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney Funds, FEMA	No		\$20,000
03001415		Ongoing		FIF	No		Dallas County Inland Port Flood Protection Planning Study
03001416		Proposed		Flood Mitigation Assistance, general fund	No		\$60,000
03001417	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103	Proposed		None listed	No		Social, technical, administrative, economic benefits
03001418		Proposed		HMPG, Watershed Authorities, Dam Sponsors, local sponsors, In-kind	No		Protect citizens from the impacts of inundation from dam failure.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001419	03	Trinity	Culvert replacement project	Increase culvert size in identified flood hazard problem areas within Liberty County.	Liberty	12030202, 12030203, 12040202	
03001420	03	Trinity	Build an Emergency Operations Center	The EOC will be the main coordination point for all emergency management efforts and special events. As the city grows, it will require a central location do coordinate emergencies.	Denton	12030103, 12030104, 12030105	
03001421	03	Trinity	Educational Outreach	This action will create a program to educate the public about specific mitigation actions for multiple hazards, including but not limited to Wildfire Fuels Reduction, FireWise Construction Methods, Reducing Water Consumption,etc....	Trinity	12030202	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001419		Proposed		USACE-Clearing and Snagging Projects, USACE-Emergency Rehabilitation of Flood Control Works or Federally Authorized Coastal Protection Works, USACE-Small Flood Control	No		More than a 1:4 cost-benefit ratio
03001420		Proposed		HMGP, PDM, General fund, local funds, grants	No		To reduce the vulnerability to flooding and other hazards.
03001421	120302020901, 120302020902, 120302020903, 120302020703, 120302020705, 120302020707, 120302020708, 120302020709, 120302020710, 120302020711, 120302020712, 120302020713, 120302020806, 120302020807, 120302021102, 120302021103	Proposed		County, FEMA PDM, FEMA HMGP, FEMA FMA	No		Existing and future population

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001422	03	Trinity	None	Amateur radio operators.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001423	03	Trinity	None	Elevate roadways in flood-prone areas through bridge improvements.	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03001424	03	Trinity	Blue Lake Dam Improvements	Blue Lake Dam is a 20-foot-high earthen dam with a normal capacity of approximately 29 acre-feet and has a crested spillway that discharges to the tributary system of Bassett Creek within the Trinity River Basin	Anderson	12030105, 12030201	
03001425	03	Trinity	Structure and Infrastructure	Make Improvements to the Stormwater Drainage System Capacity at specific problem areas.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001422	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001423	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		NFMF, PDM Grant Program, HMGP Grant Program	No		The existing roadway and bridge is not elevated to allow the continuation of traffic flow and the prevention of flooding during flood events. Elevating the bridge and roadway would prevent loss of life by mitigating roadway flooding in the area. The bridge
03001424		Proposed		No cost listed	No		None listed
03001425		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of damages or injuries.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001426	03	Trinity	Develop and implement a comprehensive public education program on the mitigation of potential hazards.	The program would be developed by staff from Development Services, Fire Department, Police Department, and the City Manager. Various media form including the City's website and Facebook pages would be used for distribution of information.	Denton	12030103, 12030104, 12030105	
03001427	03	Trinity	Increase citizen awareness of preparing for identified hazards	Institute a public education campaign and associated signage for walking trails.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03001428	03	Trinity	Structure and Infrastructure	Procure charging stations to be deployed in shelters after a disaster to supply evacuees with power for their devices. This will allow for evacuees to access important information via their devices, call family and friends for emergency contacts, and pro	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001429	03	Trinity	None	Retrofit the Community Center to function as a shelter and emergency operations center	Johnson	12030102, 12030109	
03001430	03	Trinity	Education and Awareness	Acquire and distribute NOAA weather radios	Jack	12030101	
03001431	03	Trinity	Improve the City of Grand Prairie's flooding information distribution and warning to citizens	Install additional flood sirens for notification of the public in the Joe Pool Lake area, Dorchester Levee area and Willow Bend Mobile Home Park are	Ellis, Tarrant, Dallas	12030102	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001426		Proposed		City general fund, local funds, in-kind	No		The program would address those hazards that potentially impact the area on a daily basis.
03001427	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney funds	No		\$8,000
03001428		Proposed		Local Funds, State and Federal Grants	No		We currently do not have this capability.
03001429		Proposed		City, Hazard Mitigation Grant Program, others to be identified	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03001430		Proposed		Local Funds, State and Federal Grants	No		Reduce risk to citizens through improved communications and early warning.
03001431		Proposed		City budget FEMA Community Assistance Program, State Support Services Element (CAPSSSE), TWDB Flood Protection Planning grant, FEMA HMGP	No		\$1,500,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001432	03	Trinity	Local Plans and Regulations	Join the Community Rating System program.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03001433	03	Trinity	None	Purchase and install metal warning signs that show areas prone to flash flooding.	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03001434	03	Trinity	Education and Awareness	Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001432	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds (staff time)	No		Reduce flood insurance premiums for local residents; Reduce flood risk and build resiliency.
03001433	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		PDM Grant, EMPG Grant, HMGP Grant	No		This would increase public awareness of flood hazards within the city while also reducing the potential for loss of life during flooding events.
03001434	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of injuries, fatalities and damages through education and awareness.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001435	03	Trinity	None	Develop a coordinated education, outreach, and training program to inform and educate the public about the dangers of flooding and how to prevent flood damages to property.	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03001436	03	Trinity	Local Plans and Regulations	Adopt on-site retention basin program in conjunction with development to address excessive stormwater / firefighting water source.	Jack	12030101	
03001437	03	Trinity	Local Plans and Regulations	Require new public buildings to be sited on low risk parcels.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001438	03	Trinity	Emergency Alert Siren System	Update current storm sirens and add one outdoor warning siren to Tom Finley boat ramp parking lot to supplement the existing 6 sirens due to west winds.	Henderson	12030105, 12030107, 12030201	
03001439	03	Trinity	None	Enhance the citywide notification system for phone, text, and email by implementing a system such as Code Red or Everbridge.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001435	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		NFMF, PDM Grant Program, EMPG Grant Program, Local funds	No		By making residents more aware of flooding hazards in their community and what steps they can take to prevent the loss of life and property, residents can become an integral part in the City's flood mitigation activities. Also, increasing awareness of
03001436		Proposed		Local Funds (staff time)	No		Requiring developers to implement on-site retention basin for new developments will prevent downstream impacts, reduce impacts to floodplain and provide additional potential water sources for firefighting uses.
03001437		Proposed		Local Funds (staff time)	No		Reduce risk of damages to public structures by locating buildings outside of known hazard areas; Ensure continuity of public services following a significant event.
03001438		Proposed		City Budget	No		High
03001439		Proposed		City budget, HMGP	No		\$60,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001440	03	Trinity	NCTCOG Integrated Transportation and Stormwater Management	FIF #76 in 2020 Flood Intended Use Plan	Tarrant	12030101, 12030102, 12030103, 12030104	
03001441	03	Trinity	None	Purchase generators to power existing emergency communications	Limestone	12030108, 12030201	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102
03001442	03	Trinity	None	Enhance outdoor warning sirens system as necessary, to include additional sirens and locations.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001443	03	Trinity	Enforce Floodplain Ordinance by citing structures that are prohibited in the floodplain.	Assess unpermitted structures in the floodplain.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03001444	03	Trinity	None	Extension of Fourth Street to improve traffic and drainage capabilities East of Union Street.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001440		Proposed		Unknown	No		Unknown
03001441	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102	Proposed		Grants	No		Power supply during emergencies.
03001442		Proposed		General fund, hazard mitigation grants	No		\$54,000
03001443	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		FEMA, City of McKinney Funds	No		\$200,000
03001444	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001445	03	Trinity	Local/State/Federal training for Emergency situations	Increase training opportunities for citizens, to encourage their involvement in mitigation efforts. Partner with ETCOG, TDEM, TFS, TEEX, FEMA, and others, to bring free and low cost mitigation training to the people of our local jurisdictions, county, an	Henderson	12030105, 12030107, 12030201	
03001446	03	Trinity	None	Develop a plan for replacing existing portable, outside furniture in public parks with permanent, anchored furniture that will not create debris during severe weather.	Parker	12030101, 12030102	
03001447	03	Trinity	City Ordinance	The city shall adopt a land use ordinance which requires any structure within the 100-year floodplain to be elevated 2 feet above base flood elevation.	Liberty	12030202, 12030203, 12040202	
03001448	03	Trinity	Structure and Infrastructure	Create and implement city-wide drainage repair program. Install new box culverts under three streets and riprap in and along major storm drainage areas	Montague	12030101, 12030103, 12030104	
03001449	03	Trinity	Improve drainage by cleaning and widening ditches	Improve drainage by cleaning out/re-grading ditches within City of Dayton Lake Estates.	Liberty	12030202, 12030203, 12040202	
03001450	03	Trinity	None	Increase the capacity of the storm drainage system by installing larger culverts and adding drainage points along vulnerable or critical roads.	Hood	12030102	120301020301, 120301020301

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001445		Proposed		County Budget, Grants	No		Medium
03001446		Proposed		General Fund, grants	No		\$120,000
03001447		Proposed		HMGP, current city budget and staff time	No		More than a 1:4 cost-benefit ratio
03001448		Proposed		USDA, TxDOT, FEMA, Local Funds	No		Reduce flooding risks to homes in the area; Reduce risk to infrastructure.
03001449		Proposed		TxDOT, 406-Public Disaster Assistance (Following a local disaster), USACE-Clearing and Snagging Projects, USACE-Small Flood Control Projects, USACE-Planning Assistance to the States, PDM, HMGP	No		1:4 cost-benefit ratio
03001450	120301020301, 120301020301	Proposed		Mitigation Grant, CDBG, General Fund	No		\$1.8 million

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001451	03	Trinity	None	Gateway Project (Elevate Dubuque Street and replace the Park Road Bridge)	Johnson	12030102, 12030109	
03001452	03	Trinity	Purchase and install outdoor warning sirens	The City of Dallas will purchase and install outdoor warning sirens in neighborhoods that are currently underserved by the existing warning system. This will increase the amount of residents who are able to hear the OWS and react accordingly.	Kaufman, Rockwall, Collin, Denton, Dallas	12030102, 12030103, 12030105, 12030106	
03001453	03	Trinity	Structure and Infrastructure	Adopt and implement a routine tree trimming program that clears tree limbs near power lines and/or hanging in right-of-way; Remove dead trees from right-of-way and drainage systems on a scheduled basis.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03001454	03	Trinity	Hardening of Critical Infrastructure Facilities	Dry proofing buildings; implementing higher standards for foundations; reinforcing construction to create safe rooms for protection of critical infrastructure and key systems; adding additional life safety systems such as backup power, communications, and	Denton	12030103, 12030104, 12030105	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001451		Proposed		City, Local Options Sales Tax revenue, Economic Development Administration funding, Department of Housing and Urban Development funding, Surface Transportation Fund	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03001452		Proposed		HMGP, General Fund	No		Early warning saves lives and property. By increasing the amount of vulnerable populations that will be able to receive the warning notification, the percentage of people receiving and responding to these messages approaches 100%
03001453	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce damages to infrastructure; Ensure continuity of services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations.
03001454		Proposed		Mitigation Grants; Bonds	No		This mitigation effort would help prevent the loss of life and services providing a safe haven for employees to continue operations.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001455	03	Trinity	Retrofit drainage issues on identified low-water crossings.	Through a study, additional low-water crossings would be identified. This action would be to solve the flooding issues identified in these areas.	Wise	12030101, 12030102, 12030103, 12030104	
03001456	03	Trinity	Conduct a public education campaign on communication techniques during a gas utility failure	Increase public awareness on communication techniques during utility failure	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03001457	03	Trinity	Raw water pond armoring	Erosion proofing of the water treatment plant raw water pond	Chambers	12030203, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306
03001458	03	Trinity	Structure and Infrastructure, Natural Systems Protection (green space)	Buyout structures that are in the floodplain. These include properties on Woodbridge Parkway, Sachse and Merritt Roads.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001459	03	Trinity	None	Ensure compliance with NFIP requirements.	Hood	12030102	120301020301, 120301020301
03001460	03	Trinity	None	Purchase a backup generator to power Interstate Drive Lift Station	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001455		Proposed		HMGP, PDM, county budget, Local funds, in-kind	No		The cost of the project will be low compared to the amount of money and lives saved by improving drainage in the county.
03001456	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		Public Utilities and City Fund	No		\$8,000
03001457	120302030202, 120302030203, 120302030204, 120302030304, 120302030306	Proposed		HMAP	No		Avoid Erosion of raw water pond; economic loss for residents depending on the pond
03001458		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP), State and Federal Grants	No		Reduce the effects of flooding; Reduce risk to residents.
03001459	120301020301, 120301020301	Proposed		Local Funds, State or Federal Grants	No		\$60,000
03001460	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		Enhance safety of population by helping ensure continued power supplies in emergency situations.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001461	03	Trinity	None	Develop relief creeks.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001462	03	Trinity	None	Obtain geographic information system (GIS) data on public, private, and residential infrastructure in order to identify the location of critical and vulnerable facilities and mitigate damages from future hazards.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001463	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Denton	12030103, 12030104, 12030105	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001461	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001462		Proposed		General fund, hazard mitigation grants	No		\$180,000
03001463		Proposed		HMPG; Watershed Authorities; Dam sponsors; Local sponsors; In-Kind	No		Prevention of inundation due to potential dam failure.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001464	03	Trinity	None	Establish designated floodways and encroachment lines to prevent construction and land-filling in flood-prone areas.	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03001465	03	Trinity	Purchase four generators to ensure continued operation of critical infrastructure during and after severe weather events and other disasters.	The City of Chico wants to ensure that critical infrastructure continues to work during and after severe weather events and other disasters with little or no interruption of services.	Wise	12030101, 12030102, 12030103, 12030104	
03001466	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Denton	12030103, 12030104, 12030105	
03001467	03	Trinity	Levy a storm water fee for developers to fund developments to the storm water drainage systems	Levy a storm water fee for developers to fund developments to the storm water drainage systems	Denton	12030103, 12030104, 12030105	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001464	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		Local funds	No		This would minimize the possible effects of flooding in low-lying areas by preventing new buildings from being constructed in areas with the greatest propensity for flooding.
03001465		Proposed		HMGP, PDM, City budget, General fund	No		Cost is low compared to loss of basic services and endangerment of life and property
03001466		Proposed		HMPG, Water Shed Authorities, Dam Sponsors, Local Sponsors, In-Kind	No		Mitigate against flooding from dam failure.
03001467		Proposed		Local funds	No		Improving drainage through fees helps reduce the cost on the municipality while holding the developer responsible for taking up permeable soil square footage. Improving drainage in flood prone areas saves money and time of the owners but also the first r

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001468	03	Trinity	Hardening of Critical Infrastructure Facilities	Hardening would include reinforced doors and windows for severe weather mitigation.	Denton	12030103, 12030104, 12030105	
03001469	03	Trinity	Assist citizens with funding for purchase of Weather Alert Radios.	Assist citizens with funding for purchase of Weather Alert Radios to warn residents of potential flood conditions	Ellis	12030102, 12030105, 12030108, 12030109	
03001470	03	Trinity	Local Plans and Regulations	Adopt smart growth initiatives. Incorporate a formal hazard mitigation plan in long-term community development planning activities.	Jack	12030101	
03001471	03	Trinity	Structure and Infrastructure	Implement stream restoration / channelization program to ensure adequate drainage / diversion of stormwater.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001468		Proposed		HMGP, PDM, SHSP, UASI, Local Funds, donations, in-kind match, public/private partnerships	No		Project would retrofit existing structures to withstand impacts from hazards identified by the City of Lewisville.
03001469		Proposed		HMGP, other grant funding, local funds, cost share	No		Weather Alert Radios are a proven means to provide information, and alert and warn citizens about natural hazards, mitigating their impacts.
03001470		Proposed		Local Funds (staff time)	No		Reduce risk in high hazard areas by promoting and incentivizing development in low risk areas; Build resiliency within the community; Reduce risk of damages through improved planning and construction practices.
03001471	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood damages through improved drainage capacity/stormwater diversion; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood event.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001472	03	Trinity	Use data, including reports and GIS for preplanning activities.	Use data in GIS and other databases for preplanning activities.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03001473	03	Trinity	Add generators to all critical facilities	Research the current critical facilities located within the city and make a list of buildings that are not equipped with generators.	Kaufman, Dallas	12030105, 12030106	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204
03001474	03	Trinity	Build an Emergency Operations Center	The EOC will be the main coordination point for all hazard and special events. As the town grows, it will require a central location do coordinate emergencies.	Denton	12030103, 12030104, 12030105	
03001475	03	Trinity	None	Implement erosion control techniques to use on area creek banks.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001472	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney funds	No		\$20,000
03001473	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204	Proposed		HMGP, CDBG	No		None listed
03001474		Proposed		HMGP, PDM, General fund, local funds, grants	No		To reduce vulnerability to flooding and other hazards.
03001475		Proposed		City budget	No		\$500,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001476	03	Trinity	Public Information and Awareness	Purchase high water (flood) indicatorsfor low water river crossing for county roads.	Walker	12030202	
03001477	03	Trinity	Structure and Infrastructure	Adopt and implement a routine tree trimming program that clears tree limbs near power lines and / or hanging in right-of-way; Remove dead trees from right-of-way and drainage systems on a scheduled basis.	Jack	12030101	
03001478	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams within the county.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Ellis	12030102, 12030105, 12030108, 12030109	
03001479	03	Trinity	None	Acquire and utilize a NOAA Weather Radio	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001476		Proposed		HMGP, Flood Mitigation Assistance Program, PDM Program, HUD-Disaster Recovery Initiative Program, CDBG, FEMA-Emergency Management Performance Grant, USACE-Small Flood Control Projects, USDA NRCS-Watershed Protection and Flood Prevention Program	No		More than a 1:4 cost-benefit ratio
03001477		Proposed		Local Funds, State and Federal Grants	No		Reduce damages to infrastructure; Ensure continuity of services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations.
03001478		Proposed		HMGP, Watershed Authorities, dam sponsors, local sponsors, in-kind	No		Protect existing and new properties from the effects of all natural hazards.
03001479	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To provide better emergency notification

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001480	03	Trinity	Structure and Infrastructure	Implement stream restoration / channelization program to ensure adequate drainage / diversion of stormwater.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03001481	03	Trinity	Local Plans and Regulations	Adopt on-site retention basin program in conjunction with development to address excessive stormwater / firefighting water source.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03001482	03	Trinity	None	Acquire existing structures located in the identified flood hazard area	Leon	12030201, 12030202	
03001483	03	Trinity	None	Conduct a hydrologic study to determine threat, risk, and potential impacts of flooding from Sycamore Creek.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001484	03	Trinity	None	Lift station at River Street and the University of Iowa Arts Campus (coordinate with the University of Iowa)	Johnson	12030102, 12030109	
03001485	03	Trinity	None	Purchase extra portable radios and radio equipment for Emergency Operations Center (EOC) and update radio room.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001480	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood damages through improved drainage capacity / stormwater diversion; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood event
03001481	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds (staff time)	No		Requiring developers to implement on-site retention basin for new developments will prevent downstream impacts, reduce impacts to floodplain and provide additional potential water sources for firefighting uses.
03001482		Proposed		FEMA Flood Mitigation Assistance grants or Hazard Mitigation Grant Program	No		Can save lives and prevent future property damage
03001483		Proposed		Town budget, hazard mitigation grants	No		\$1,200,000
03001484		Proposed		City, University of Iowa, others to be identified	No		Results are likely a long-term reduction of risk from hazard(s) addressed and/or results are not widespread; potential community opposition; lead agency has capabilities
03001485		Proposed		City budget, grants	No		\$720,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001486	03	Trinity	None	Survey creeks in Fort Worth and develop a database of locations subject to stream bank erosion in order to prevent and decrease damage from stream bank erosion in the City of Fort Worth.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001487	03	Trinity	Structure and Infrastructure	Bury existing utility lines.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03001488	03	Trinity	Structure and Infrastructure, Natural Systems Protection	Develop a comprehensive loss reduction program, involving buy outs and relocation in areas along Ten Mile Creek to reduce losses and repetitive damages. Buyout structures that are in the floodplain. Land Acquisition for repetitive loss structures.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001489	03	Trinity	None	Purchase a backup generator to power Water Well Number6 (city's second main water well) during a power outage.	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03001490	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams within the county	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Ellis	12030102, 12030105, 12030108, 12030109	
03001491	03	Trinity	Structure and InfrastructureProject	Install outdoor solar lights in the event of powerfailure should shelter-in-place or evacuation be necessary following a disaster or severe weather event at night	Kaufman	12030105, 12030106, 12030107	
03001492	03	Trinity	None	Replace the bridge on Carson Street so that more water can flow underneath.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001486		Proposed		City general fund, hazard mitigation grants	No		\$30,000
03001487	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		local funds (staff time)	No		Reduce damages to infrastructure; Ensure continuity of critical services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations.
03001488		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP)	No		Reduce the effects of flooding
03001489	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		Enhance safety of population by helping ensure continued power supplies in emergency situations.
03001490		Proposed		HMPG, Watershed Authorities, dam sponsors, local sponsors, in-kind	No		Protect existing and new properties from the effects of all natural hazards
03001491		Proposed		Grants	No		Currently, there is limited outdoor lighting of parking areas and buildings; reduce potential injuries to students and staff
03001492		Proposed		City budget, grants	No		\$24,000,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001493	03	Trinity	Structure and Infrastructure	Elevate AC units on facilities to protect against flood waters in the case of a Dam Failure.	Houston	12030201, 12030202	
03001494	03	Trinity	Adopt and Implement International Building Code framework	As the IBC is periodically updated, the town will update and enforce the code to require all structures within the town limits be built to these standards such as such as implementing hail-resistant roofing and windows; wind and impact resistant doors, w	Denton	12030103, 12030104, 12030105	
03001495	03	Trinity	None	Purchase and install generators for new and existing critical facilities to reduce the damage from power failure due to the identified hazards.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001496	03	Trinity	None	Work with local jurisdictions to increase Wi-Fi and cellular signal ranges for Public Safety personnel.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001497	03	Trinity	Remedy Data Deficiency	Conduct a proper risk assessment of the dams residents suspect are causing upstream flooding, and determine all potential inundation areas.	Walker	12030202	
03001498	03	Trinity	Update emergency response equipment	Assist local fire department in applying for grant funding to purchase needed equipment and PPE; assist in qualification and grant writing	Henderson	12030105, 12030107, 12030201	
03001499	03	Trinity	Structure and Infrastructure	Widen and reinforce critical bridges in Hardin County to assist evacuation.	Hardin	12030202	120302021205

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001493		Proposed		HMGP Grants	No		Avoid disruption of essential utility services during severe weather events
03001494		Proposed		General funds; local funds	No		The International Building Code provides the framework for constructing structures that will most effectively mitigate the impacts of natural hazards.
03001495		Proposed		Hazard mitigation grants, city budget	No		\$900,000
03001496	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001497		Proposed		HMGP	No		More than a 1:4 cost-benefit ratio
03001498		Proposed		Grants	No		Low
03001499	120302021205	Proposed		Operating budgets, HMGP, GLO, PDM	No		Improve citizen and transportation safety; facilitate evacuation and emergency response.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001500	03	Trinity	None	Tributary to Iron Creek by Denison Independent School District training office and bus barn. Major flooding issues during the flood event of 2007 (Precinct 2).	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001501	03	Trinity	None	Review participation in NFIP and improve where necessary.	Hood	12030102	120301020301, 120301020301
03001502	03	Trinity	Preventative Measures	Hire a certified Floodplain Manager to monitor development in the floodplain and to notify FEMA of needed changes to the flood maps. (NFIP)	Cooke	12030103, 12030104	
03001503	03	Trinity	Structure and Infrastructure	Adopt on-site retention basin program in conjunction with development to address excessive stormwater / firefighting water source.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001500	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001501	120301020301, 120301020301	Proposed		Mitigation Grant, General Fund	No		\$90,000
03001502		Proposed		Budget	No		When working with planning team members from each jurisdiction all mitigation ideas t were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03001503	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time)	No		Requiring developers to implement on-site retention basin for new developments will prevent downstream impacts, reduce impacts to floodplain and provide additional potential water sources for firefighting uses.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001504	03	Trinity	Education and Awareness	Conduct public education on website and social media regarding elevating structures above minimum standards and availability of NFIP flood insurance	Kaufman	12030105, 12030106, 12030107	
03001505	03	Trinity	GIS Maps	Establish GIS-based hazard information system.	Liberty	12030202, 12030203, 12040202	
03001506	03	Trinity	None	Assess flood risk at each school facility and complete necessary mitigation projects	Johnson	12030102, 12030109	
03001507	03	Trinity	Van Zandt County HMAP	Van Zandt County HMAP	Van Zandt	12010001, 12020001, 12030107	
03001508	03	Trinity	None	Adopt/rewrite/enforce most current building codes.	Hood	12030102	120301020301, 120301020301
03001509	03	Trinity	Local Plans and Regulations; Structure and Infrastructure	Require standard tie-downs of propane tanks.	Montague	12030101, 12030103, 12030104	
03001510	03	Trinity	Mitigation Planning Organization	Train local EMC and officials on chosen Mitigation action items including record keepign or reports and data. Provide information during Hazard Mitigation Planning Committee Meeting Update	Henderson	12030105, 12030107, 12030201	
03001511	03	Trinity	None	Require the use of Smartscape, vegetation buffers, trees, bushes in new developments.	Parker	12030101, 12030102	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001504		Proposed		Local Revenue/private partnerships	No		Reduce costs associated with flood damaged homes and benefits of flood insurance post-disaster
03001505		Proposed		Federal and/or State Grants, Operating Budget, PDM, HMGP	No		1:4 cost-benefit ratio
03001506		Proposed		School District	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03001507		Proposed		Unknown	No		Unknown
03001508	120301020301, 120301020301	Proposed		Hazard Mitigation Grant, Capital Improvement	No		\$30,000
03001509		Proposed		Local Funds (staff time)	No		Reduce damages to structures and infrastructure; Reduce risk of hazardous material release and potential fires; Reduce risk of injuries or fatalities; Reduce risk of flood water contamination.
03001510		Proposed		City Budget/Grants	No		Low
03001511		Proposed		General funds, Impact fees, grants	No		\$90,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001512	03	Trinity	None	Adopt and implement most current International Code Council building codes.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001513	03	Trinity	None	Adopt and implement most current International Building Codes and enforce the installation of safe rooms and the use of impact-resistant material, as needed.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001514	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams that could potentially affect property and populations within the city.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Ellis	12030102, 12030105, 12030108, 12030109	
03001515	03	Trinity	None	Install flood warning devices to low water crossing.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001516	03	Trinity	Structure and Infrastructure	Protect critical infrastructure that is located in the floodplain.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001517	03	Trinity	None	Elevate the Normandy/Manor Intersection	Johnson	12030102, 12030109	
03001518	03	Trinity	None	Enhance mass notification capabilities as appropriate, to include new technology and automation.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001519	03	Trinity	Set back from pipeline right-of-way.	Adopt 25-foot setback from pipeline right-of-way.	Liberty	12030202, 12030203, 12040202	
03001520	03	Trinity	None	Ensure ordinances for proper vegetation management practices to protect power lines from severe weather.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001512		Proposed		Town budget, hazard mitigation grants	No		\$300,000
03001513		Proposed		City budget, hazard mitigation grants	No		\$6,000
03001514		Proposed		HMPG, Watershed Authorities, dam sponsors, local sponsors, in-kind	No		Protect community from impacts of flooding due to dam failure.
03001515		Proposed		City budget, grants	No		\$60,000
03001516		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of damages and injuries.
03001517		Proposed		To be identified	No		Results are likely a long-term reduction of risk from hazard(s) addressed and/or results are not widespread; potential community opposition; lead agency has capabilities
03001518		Proposed		General fund, hazard mitigation grants	No		\$145,080
03001519		Proposed		General Fund-Local commitment	No		1:4 cost-benefit ratio
03001520		Proposed		City general funds, hazard mitigation grants	No		\$12,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001521	03	Trinity	Structure and Infrastructure	Upgrade undersized stormwater drains and culverts.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03001522	03	Trinity	None	Develop and distribute information about the availability and need for flood insurance.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03001523	03	Trinity	Structure and Infrastructure	Install alternate power supply (possibly generators) within permanent hook-ups in existing and future county buildings.	Hardin	12030202	120302021205
03001524	03	Trinity	Participate in the Community Rating System	Develop the Community Rating System	Kaufman, Dallas	12030105, 12030106	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204
03001525	03	Trinity	None	Purchase satellite phones for the Emergency Operations Center in order to keep communications during an event.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001526	03	Trinity	Develop and implement an comprehensive private mitigation education program	This project would create a program for educating private residents on tools for mitigating their property against hazards. This program would be delivered to residents through public education meetings and presentations	Kaufman, Rockwall, Collin, Denton, Dallas	12030102, 12030103, 12030105, 12030106	
03001527	03	Trinity	Maintain NFIP compliance, storm water management, and implement drainage projects.	Culvert improvements to prevent flooding at the intersection of FM 1378 and FM 3286	Collin	12030103, 12030105, 12030106	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001521	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood damages through improved drainage capacity; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood event.
03001522	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Public awareness
03001523	120302021205	Proposed		Operating budgets, local funding, HMGP, PDM	No		Continuity of county government.
03001524	120301060503, 120301060505, 120301060506, 120301050106, 120301060501, 120301060503, 120301060504, 120301060505, 120301050203, 120301050204	Proposed		General funds	No		None listed
03001525		Proposed		City budget, grants	No		\$36,000
03001526		Proposed		UASI, SHSP, HMGP, City Funds	No		Pulic education programs
03001527		Proposed		Capital Improvement Plan, HMGP	No		The project prevents future repetitive cost which will greatly surpass the cost of implementing this project.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001528	03	Trinity	None	Dedicate a trailer to flood events that is preloaded with necessary signage and equipmen	Johnson	12030102, 12030109	
03001529	03	Trinity	None	Per the National Flood Insurance Program (NFIP) continued compliance, elevate homes located in the identified flood hazard area.	Limestone	12030108, 12030201	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102
03001530	03	Trinity	Local Plans and Regulations	Require standards for burial of electrical, telephone, cable lines and other utilities in new developments.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03001531	03	Trinity	Natural Systems Protection	Acquire and preserve open space adjacent to floodplain areas.	Montague	12030101, 12030103, 12030104	
03001532	03	Trinity	Local Plans and Regulations	Restrict future development in high risk areas.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001528		Proposed		City	No		Results are likely a long-term reduction of risk from hazard(s) addressed and/or results are not widespread; potential community opposition; lead agency has capabilities
03001529	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102	Proposed		FEMA mitigation g	No		Existing buildings will be elevated permanently from the identified flood hazard area, thus preventing future damages due to floods
03001530	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Reduce damages to infrastructure; Ensure continuity of critical services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations
03001531		Proposed		Local Funds, State and Federal Grants	No		Reduce flood risk to structures and infrastructure in and near the floodplain; Reduce downstream impacts associated with development in the floodplain; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood even
03001532	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Reduce risk of damages to new structures and infrastructure through building restrictions in high risk areas.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001533	03	Trinity	Structure and Infrastructure	Adopt and implement a routine tree trimming program that clears tree limbs near power lines and / or hanging in right-of-way; Remove dead trees from right-of-way and drainage systems on a scheduled basis.	Montague	12030101, 12030103, 12030104	
03001534	03	Trinity	Conduct a hazard/vulnerability assessment of personal properties and structures located in flood zones within Unincorporated Collin County.	Develop and implement a hazard/vulnerability assessment for personal properties and structures located in the floodplain, promote NFIP.	Collin	12030103, 12030105, 12030106	
03001535	03	Trinity	Promote Mitigation Public Education and Awareness Programs with resources to mitigate the impacts of each identified hazard.	Hazard public education and awareness materials will be distributed through social media and public outreach. This will provide a community awareness campaign concerning the risks and consequences of natural hazards. Educate the public on the hazards, I	Denton	12030103, 12030104, 12030105	
03001536	03	Trinity	None	Purchase hardware/software for participating jurisdictions and NRHW to implement a multijurisdictional Automatic Vehicle Location (AVL) system for both police and fire from HaltomCity, North Richland Hills, Richland Hills, and Watauga.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001537	03	Trinity	None	Enhance the Flood Emergency Operations Plan	Johnson	12030102, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001533		Proposed		Local Funds, State and Federal Grants	No		Reduce damages to infrastructure; Ensure continuity of services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations.
03001534		Proposed		HMGP, Local funding	No		The cost effectiveness is found in the ability to protect lives and property by assessing the current structures located in floodplain for public awareness and insurance coverage purposes. This assessment will used to promote insurance coverage for prope
03001535		Proposed		Fire Department	No		Mitigate the impacts of flooding and other hazards.
03001536		Proposed		City budget, grants	No		\$600,000
03001537		Proposed		Not Applicable	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001538	03	Trinity	Structure and Infrastructure	Raise electrical components of sewage lift stations above the Base Flood Elevation (BFE).	Montague	12030101, 12030103, 12030104	
03001539	03	Trinity	None	Streambank Stabilization Projects: Design and construct projects to protect public infrastructure and private property from damages due to streambank erosion. Projects could include Saddlehorn/Walnut Creek sewer interceptor aerial crossing and Brookfield	Tarrant	12030101, 12030102, 12030103, 12030104	
03001540	03	Trinity	Structure and Infrastructure	Increase drainage capacity; Add stormwater detention and / or retention basins as deemed necessary to reduce flood risk upstream of Edgewood City Dam.	Van Zandt	12030107	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304
03001541	03	Trinity	Education and Awareness	Create and implement reverse 911 system or purchase a cellphone application to broadcast severe weather information.	Montague	12030101, 12030103, 12030104	
03001542	03	Trinity	Structure and Infrastructure	Run second main water line to increase and maximize capacity.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03001543	03	Trinity	None	Develop and conduct workshops for community members on NFIP programs, mitigation and potential assistance with flood issues.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001538		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood water contamination; Reduce risk of surface water infiltration and sewage backup; Ensure continuity of critical services
03001539		Proposed		Utility fund, hazard mitigation grants	No		\$9,000,000
03001540	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304	Proposed		Local Funds, HMGP, CDBG, State and Federal Grants	No		Reduce flood risk through improved drainage capacity; Reduce risk of damages and injuries; Reduce emergency response demands.
03001541		Proposed		Local Funds, State and Federal Grants	No		Promote hazard awareness and protect citizens from potential injuries and damages.
03001542	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, HMGP, CDBG, Other State and Federal Grants	No		Reduce flood risk through improved drainage capacity; Reduce risk of damages and injuries; Reduce emergency response demands.
03001543	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Public awareness

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001544	03	Trinity	Structure and Infrastructure	Purchase and install I-info alert/notification system including one user license per jurisdiction or participating entity(See Appendix G for system info)	Houston	12030201, 12030202	
03001545	03	Trinity	Structural Projects	Channelization of Wheeler Creek to reduce flooding in the west side of town. (NFIP)	Cooke	12030103, 12030104	
03001546	03	Trinity	None	Educate property owners near high hazard dams of the potential of a dam failure. Inform them of signs to watch for that might signal a weakening of the dam and who to contact if suspicious activity is spotted.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001544		Proposed		Emergency Management Coordinator for county, and appointed EMC Team lead for each participating entity; ISD Superintendents	No		Alert/Notification System will allow optimal response time to notify both residents and businesses of all natural and human-caused disasters; reduce loss of lives and property; ensure unified method of disseminating alerts by community officials, first re
03001545		Proposed		FEMA/Corps of Engineers	No		When working with planning team members from each jurisdiction all mitigation ideas t were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03001546	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001547	03	Trinity	Local Plans and Regulations; Structure and Infrastructure	Adopt an ordinance that will limit aerial extensions to water, sewer, gas, and electrical lines.	Montague	12030101, 12030103, 12030104	
03001548	03	Trinity	None	Continue to relocate/acquire structures that could be affected by flooding.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001549	03	Trinity	Purchase and install CASA WX Radar.	The CASA radars provide jurisdictions more accurate weather data and geographically specific weather data culled from the most active levels of the atmosphere.	Ellis	12030102, 12030105, 12030108, 12030109	
03001550	03	Trinity	Build an Emergency Operations Center	The EOC will be the main coordination point for all hazard and special events. As the city grows, it will require a central location do coordinate emergencies.	Denton	12030103, 12030104, 12030105	
03001551	03	Trinity	Local Plans and Regulations	Conduct studies to develop dam inundation maps and models for all dams that affect the City of Coppell.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001547		Proposed		Local Funds	No		Reduce damages to infrastructure; Ensure continuity of critical services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations; Reduce risk of sewer infiltration and flood wa
03001548		Proposed		City budget, hazard mitigation grants	No		\$30,000
03001549		Proposed		HMGP, PDM, county budget, other federal/state grants, local funds, donations, in-kind	No		This data could save lives by providing the public more time to react and prepare appropriately as severe weather affects their location.
03001550		Proposed		HMPG; PDM, General fund; local funds; Grants	No		Coordination of emergencies.
03001551		Proposed		Local Funds, State and Federal Grants	No		Improve risk assessment; reduce risk of damages or injuries through improved building standards; reduce risk of damages and injuries.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001552	03	Trinity	Education and Awareness	Implement and enhance an area-wide telephone Emergency Notification System ("Reverse 911").	Van Zandt	12030107	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304
03001553	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams within the county.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Ellis	12030102, 12030105, 12030108, 12030109	
03001554	03	Trinity	Structure and Infrastructure	Harden / retrofit critical facilities to hazard-resistant levels.	Montague	12030101, 12030103, 12030104	
03001555	03	Trinity	None	Establish coordinated flood warning education and outreach program for residents.	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001552	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304	Proposed		Local Funds, State, and Federal grants	No		Reduce risk to citizens through improved communication and early warning.
03001553		Proposed		HMGP, Watershed Authorities, dam sponsors, local sponsors, in-kind	No		Protect existing and new properties from the effects of all natural hazards.
03001554		Proposed		Local Funds, State and Federal Grants	No		Reduce damages at critical facilities; Ensure continuity of critical services during and after events; Reduce risk of injury to emergency and critical personnel.
03001555	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		PDM Grant, EMPG Grant	No		This action would ensure that residents with new or existing structures are aware of the risk of flooding and what steps they can take to minimize or negate the likelihood of flooding damages.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001556	03	Trinity	Improve City of McKinney's capability to prepare for, respond to, and recover from flood events.	Assess City bridges and develop a plan to address infrastructure deficiencies	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03001557	03	Trinity	None	Clearing and re-channelization of two (2) feeder creeks that flow from East to West through town to feeder creek by 2nd street. Areas impacted include College Street, Cedar Street, and Seventh Street and privately owned properties along a general line of	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001558	03	Trinity	None	Clear rural creeks of obstructions while retaining vegetation.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03001559	03	Trinity	Updating Maps	All participating jurisdictions will work to update dam and levee failure inundation maps, and update floodway maps throughout the county. The updated floodway maps will also be made available to the public.	Chambers	12030203, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306
03001560	03	Trinity	None	Purchase and install three mobile generators for water department pump stations located in floodplain.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001556	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney Funds, Bond Program	No		\$600,000
03001557	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001558	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To prevent erosion in waterways.
03001559	120302030202, 120302030203, 120302030204, 120302030304, 120302030306	Proposed		HMGP, FP&S Grants	No		Avoid loss to homes and residents (loss of life) who could be affected by flooding throughout the county
03001560		Proposed		City budget, hazard mitigation grants	No		\$900,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001561	03	Trinity	Adopt and promote a comprehensive public education program.	This public education program would be based on the hazards that the city identified as being vulnerable to. The program would use a combination of distributed literature, social media, and civic presentations to educate residents on natural hazards and	Ellis	12030102, 12030105, 12030108, 12030109	
03001562	03	Trinity	None	Distribute weather radios to existing and future homes, facilities, and businesses	Tarrant	12030101, 12030102, 12030103, 12030104	
03001563	03	Trinity	Structure and Infrastructure	Improve the drainage infrastructure along Cooks Creek between Bee Street and Spring Valley. This may involve increasing the capacity of storm water drainage as well as increasing dimensions of drainage culverts.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001564	03	Trinity	Structural Project	Install removable facility flood gates at Walker County Annex #2	Walker	12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001561		Proposed		General funds, state, federal grant funding, local funds, private donations	No		Protect community from th impacts of flooding and other hazards.
03001562		Proposed		Town budget, hazard mitigation grants	No		\$180,000
03001563		Proposed		Local Funds, HMGP, other funding sources	No		Reduce flood risk to properties located along and adjacent to the creeks.
03001564		Proposed		USACE-Small Flood Control Projects, USDA NRCS-Emergency Watershed Protection Agency , TWDB-Clean Water State Revolving Fund, TWDB (Development Fund II) -Texas Water Development Fund, USDA NRCS Watershed Protection and Flood Prevention Program, EPA, NPS,	No		More than a 1:4 cost-benefit ratio

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001565	03	Trinity	Structure and Infrastructure	Equip sewer manholes with watertight covers and inflow guards.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03001566	03	Trinity	Upper Lake Dam Improvements	Upper City Lake Dam is a 22-ft high earthen dam with a normal capacity of 186 acre-feet and a crested spillway that discharges to the tributary system of Bassett Creek, within the Trinity River Basin.	Anderson	12030105, 12030201	
03001567	03	Trinity	Education and Awareness	Implement and enhance an area-wide telephone Emergency Notificaiton System ("Reverse 911")	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001568	03	Trinity	Provide training to campus and building administration.	Increase student training on campus for identified hazards	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03001569	03	Trinity	Improve City of McKinney's capability to prepare for, respond to, and recover from flood events.	Continue to rehabilitate the High Hazard Natural Resource Conservation Service Dams located within McKinney's jurisdiction.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03001570	03	Trinity	Harden existing critical infrastructure against natural hazards	Hardening of Critical Infrastructure Facilities by enhancing construction to withstand impacts from hazards identified by the Town of Ponder.	Denton	12030103, 12030104, 12030105	
03001571	03	Trinity	None	Stabilize erosion and creek embankments at bridges by developing vegetative management projects on creek waterways	Navarro	12030105, 12030107, 12030108, 12030109, 12030201	
03001572	03	Trinity	Local Plans and Regulations; Structure and Infrastructure	Join the Community Rating System program.	Montague	12030101, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001565	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds (staff time), State and Federal Grants	No		Reduce risk of flood water contamination; Reduce risk of surface water infiltration and sewage backup; Ensure continuity of critical services.
03001566		Proposed		No cost listed	No		None listed
03001567		Proposed		Local Funds, State and Federal Grants	No		Reduce risk to citizens through improved communication and early warning.
03001568	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		Collin College Funds	No		\$4,000
03001569	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		Bond Program funds, NCRS grant funds	No		\$2,000,000
03001570		Proposed		Mitigation grants, bonds	No		Protect against the impacts of flooding and other hazards.
03001571		Proposed		HMGP, General Funds, Local funds, In-kind match	No		Low compared to life safety benefits
03001572		Proposed		Local Funds (staff funds)	No		Reduce risk to new and existing structures and infrastructure

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001573	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams within the county.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Ellis	12030102, 12030105, 12030108, 12030109	
03001574	03	Trinity	Local Plans and Regulations	Join the Community Rating System (CRS) program	Kaufman	12030105, 12030106, 12030107	
03001575	03	Trinity	None	Educational Programs to teach residents about natural hazards, how to reduce their vulnerability and mitigate potential damages	San Jacinto	12030202, 12030203	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103
03001576	03	Trinity	Structure and Infrastructure	Evaluate access and roadconditions for response vehicles. Develop and implement options to improve access and / or add redundant access routes in high risk areas.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03001577	03	Trinity	None	Work with engineers to improve drainage patterns in and around the community and to develop a master drainage plan. (NFIP)	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001573		Proposed		HMGP, Watershed Authorities, dam sponsors, local sponsors, in-kind	No		Protect existing and new properties from the effects of all natural hazards including flooding.
03001574		Proposed		HMGP, Local Revenue	No		Reduce risk to properties throughout county from flood, reduce risk to residents in floodplain areas, promote NFIP program through education and awareness
03001575	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103	Proposed		5 percent initiative, General funds	No		Social, technical, administrative benefits
03001576	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce risk and spread of wildfires through maintained and redundant access routes in high risk areas; Improve response time for emergency services; Reduce risk of injury or damages; Provide additional ingress/egress routes through high risk areas to prev
03001577	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget, grants	No		Mitigate flooding.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001578	03	Trinity	None	Address hazards listed in this HazMAP in the Multi Year Training and Exercise Plan.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001579	03	Trinity	Educating public on mitigation techniques	Implement an outreach and education campaign to educate the public on mitigation techniques for all hazards to reduce loss of life and proper	Chambers	12030203, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306
03001580	03	Trinity	Reconstruct creek waterways to correct drainage issues	Reconstruct creek waterways to correct drainage issues	Denton	12030103, 12030104, 12030105	
03001581	03	Trinity	Education and Awareness	Develop alternative evacuation routes / plans and designate emergency thoroughfares, particularly in areas with limited capacity. Educate citizens on evacuation routes and procedures.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03001582	03	Trinity	Education and Awareness	Implement education and awareness program utilizing media, social media, bulletins, flyers, etc. to educate citizens of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damage.	Jack	12030101	
03001583	03	Trinity	Promote the use of early warning systems.	Increase the ability of residents and businesses of the City of Neylandville to receive early warning from the National Weather Service. This would be accomplished by using grant funding to help purchase and distribute NOAA weather radios to vulnerable p	Hunt	12030106, 12030107	120301060101, 120301060101, 120301060102, 120301070102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001578		Proposed		General fund, hazard mitigation grants	No		\$1,800,000
03001579	120302030202, 120302030203, 120302030204, 120302030304, 120302030306	Proposed		Local budget and salary, HMPG, Fire Prevention and Safety Grants	No		Reduce loss to residents and business owners
03001580		Proposed		HMGP, general funds, local funds, in-kind match	No		City of Sanger needs to improve the waterways so to prevent the collection of debris and materials that could cause flooding and damage the bridges.
03001581	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce risk to residents through improved evacuation alternatives and awareness efforts.
03001582		Proposed		Local Funds, State and Federal Grants	No		Promote hazard awareness and protect citizens from potential injuries and damages.
03001583	120301060101, 120301060101, 120301060102, 120301070102	Proposed		General funds, federal grants, state grants	No		Advanced warning allows citizen to respond to natural hazards with more time to prevent loss of life and property damage.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001584	03	Trinity	Install more Cameras at Lewisville Dam to monitor for structural issues and security and mitigate the Trinity River Basin flooding effects on life and property	The cameras that would increase security and warning time for residents downstream.	Denton	12030103, 12030104, 12030105	
03001585	03	Trinity	Provide adequate warning and communication before, during, and after a hazard event.	Mitigate the effects of local hazards and severe weather by increasing hazard awareness and indoor early warning through purchasing and distributing AllHazard National Weather Radios to each household and business.	Collin	12030103, 12030105, 12030106	
03001586	03	Trinity	None	Distribute flood mitigation literature at community events, to include the dangers of dam failure.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001587	03	Trinity	None	Install power generators in new and existing city properties and buildings identified as shelters.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001584		Proposed		SHSP, UASI, Local Funds, Public/Private Partnerships, donations, in-kind match	No		Security cameras provide much needed additional data regarding terrorism and structural integrity of the Lake Lewisville Dam. In light of the recent flooding, it has become increasingly evident that more monitoring tools are needed. The dam could potenti
03001585		Proposed		Public and Private Grants, Homeowner, Business Owner, HMGP, PDM	No		This project will reduce the loss of lives during these weather events by notifying citizens in a timely manner of storms and allowing them to take appropriate actions to remain safe during the storms. These weather radios will be the citizen's link to
03001586		Proposed		City budget, hazard mitigation grants	No		\$12,000
03001587		Proposed		City operating budget, hazard mitigation grants	No		\$300,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001588	03	Trinity	Drainage plan	Establish a county wide drainage plan	Liberty	12030202, 12030203, 12040202	
03001589	03	Trinity	None	Continue to implement adopted program of scheduled inspections and maintenance of city owned facilities in coordination with the Natural Resources Conservation Service	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001590	03	Trinity	Generator for underpass	Permanent back up power (generator) for SH 321 underpass.	Liberty	12030202, 12030203, 12040202	
03001591	03	Trinity	Local Plans and Regulations	Implement and coordinate Emergency Paging System	Kaufman	12030105, 12030106, 12030107	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001588		Proposed		USACE-Small Flood Control Projects, USDA NRCS-Emergency Watershed Protection Agency, TWDB-Clean Water State Revolving Fund, TWDB (Development Fund II)-	No		More than a 1:4 cost-benefit ratio
03001589	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001590		Proposed		TXDOT and Local Matching Funds	No		1:4 cost-benefit ratio
03001591		Proposed		HMGP	No		Expedite evacuation and first responder calls

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001592	03	Trinity	None	Better inform residents of mitigation activities that they can implement in their homes such as elevation of appliances above expected flood levels. The information would be provided by, publications, & booths at community events. (NFIP)	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001593	03	Trinity	Develop and implement telephone warning program for residents and businesses to receive early warning from the National Weather Service and local agencies.	Programs for residents and businesses to receive early warning from the National Weather Service and local agencies. City to implement Blackboard Connect, Code Red, Nixel or similar telephone program for telephone notifications.	Ellis	12030102, 12030105, 12030108, 12030109	
03001594	03	Trinity	Purchase Back Up Power Generators	Purchase and/or install generators at critical facilities to ensure safety for occupants and continued electronic functioning during power loss.	Freestone	12030105, 12030108, 12030201	
03001595	03	Trinity	Local Plans and Regulations; Structure and Infrastructure	Provide / construct additional means of access into single-entry neighborhoods; Update subdivision codes for a higher level of ingress and egress	Jack	12030101	
03001596	03	Trinity	None	Foster Street improved drainage system(storm water pump for drainage)	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001592	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001593		Proposed		ESD #9, City budget, general fund	No		To reduce impacts of hazards including flooding.
03001594		Proposed		County, FEMA PDM, FEMA HMGP	No		None listed
03001595		Proposed		Local Funds, State and Federal Grants	No		Reduce risk to residents through improved evacuation alternatives; Improve firefighting capabilities through improved access alternatives
03001596	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		Relieve flooding of Foster Street during all rain periods.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001597	03	Trinity	None	Flood proofcritical facilities in A Zones, including attendant utility and sanitary facilities, to meet existing FEMA NFIP standards	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204
03001598	03	Trinity	Promote Mitigation Public Education and Awareness Programs with resources to mitigate the impacts of each identified hazard.	Hazard public education and awareness materials will be distributed through social media and public outreach.	Denton	12030103, 12030104, 12030105	
03001599	03	Trinity	Structure and Infrastructure	Bury existing utility lines.	Montague	12030101, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001597	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		PDM Grant Program, EMPG Grant Program, Local Funds	No		Currently, critical facilities within A Zones are not flood proof. This action will ensure that all critical facilities in such zones are retrofitted to be flood proof and watertight below the base flood elevation
03001598		Proposed		Fire Department	No		This will provide a community awareness campaign concerning the risks and consequences of natural hazards. Educating the public on the hazards, loss of life and property may be mitigated as they take steps to secure their property and respond to warnings
03001599		Proposed		Local Funds	No		Reduce damages to infrastructure; Ensure continuity of critical services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001600	03	Trinity	Structure and Infrastructure	Upgrade current or construct a new Emergency Operations Center facility that will have the latest software and technology to effectively respond to all hazards	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001601	03	Trinity	Education and Awareness	Conduct public awareness for residents affected by levee failure from the Trinity River including evacuation routes and availability of flood insurance through NFIP	Kaufman	12030105, 12030106, 12030107	
03001602	03	Trinity	Local Plans and Regulations	Land Use Program: Continue to develop and maintain special use parks and green belt areas as flooding mitigation strategies, further prohibiting development in the floodplain. Declare a moratorium on the acceptance of any request for	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001603	03	Trinity	Southwest Anahuac Ditch	Channelization and crossing upgrades from Main Street to Bay	Chambers	12030203, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306
03001604	03	Trinity	Structure and Infrastructure, Natural Systems Protection (green space)	Buy-out structures that are in the floodplain.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001600		Proposed		Local Funds, State and Federal Grants, Bond Election	No		This would significantly upgrade the city's current capabilities to monitor and support large event responses; Reduce damages at critical facilities; Ensure continuity of critical services during and after event; Reduce risk of injury to emergency and c
03001601		Proposed		HMGP, Local Revenue	No		Cost share resources, expedite evacuations, reduce loss of life and property
03001602		Proposed		General obligations bonding and city budget	No		Reduce risk of damages to structures through restrictions in development; Reduce recovery efforts for the community after an event; Reduce risk of injury or fatality to citizens; Restore functions of the natural floodplain.
03001603	120302030202, 120302030203, 120302030204, 120302030304, 120302030306	Proposed		HMAP	No		Avoided losses to Residents and structures from Main Street to Bay
03001604		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP), State and Federal Grants	No		Reduce the effects of flooding; Reduce flood hazard risks to citizens; Reduce repetitive flood losses and emergency response; Protect lives; Reduce flood recovery measures.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001605	03	Trinity	Structure and Infrastructure, Natural Systems Protection	Conduct creek and stream bank erosion studies: conduct a study to identify vulnerability to stream bank erosion. Identify and implement cost effective actions.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001606	03	Trinity	Hire Consultant to Complete New Inundation Studies of all High and Moderate Hazard Dams.	Identify all structures and infrastructure that would be impacted by a potential dam failure.	Denton	12030103, 12030104, 12030105	
03001607	03	Trinity	Structure and Infrastructure	Require placement of new critical facilities in low risk areas. Ensure that no public facilities are proposed for flood hazard areas. Protect new critical facilities to 2 feet above the 500-year flood elevation.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001608	03	Trinity	Education and Awareness	Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.	Van Zandt	12030107	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304
03001609	03	Trinity	Improve the City of Grand Prairie's capability to mitigate against flood events	Install flood sirens with stream level triggers in flood -prone areas	Ellis, Tarrant, Dallas	12030102	
03001610	03	Trinity	Adopt and promote a comprehensive public education program.	This public education program would be based on the hazards that the city identified as being vulnerable to. The program would use a combination of distributed literature, social media, and civic presentations to educate residents on natural hazards and	Ellis	12030102, 12030105, 12030108, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001605		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP)	No		Reduce losses related to flooding.
03001606		Proposed		HMGP, Watershed Authorities, Dam Sponsors, In-Kind	No		Protect citizens from the impacts of inundation from dam failure.
03001607		Proposed		State and Federal Grants, General obligations bonding and city budget	No		Reduce risk of damages to critical facilities; Ensure continuity of critical services; Reduce risk of injuries to critical service employees.
03001608	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of injuries, fatalities and damages through education and awareness.
03001609		Proposed		City budget FEMA Hazard Mitigation Grant Program, TWDB FPP	No		N/A
03001610		Proposed		General funds, state, federal grant funding, local funds, private donations	No		Protect community from impacts of flooding and other hazards.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001611	03	Trinity	None	Continue the operation, monitoring, and maintenance of the three flood retention lakes and other dams throughout the City.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001612	03	Trinity	None	Improve and enforce building codes.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001613	03	Trinity	None	Install erosion control in Calloway Branch to eliminate erosion of stream bank.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001614	03	Trinity	Develop and implement acomprehensive public education programs for presentation to residents and civic groups.	This project would develop a public education program basedon the hazards identified in this HazMAP.	Wise	12030101, 12030102, 12030103, 12030104	
03001615	03	Trinity	Structure and Infrastructure, Local Plans and Regulations	Relocate utility lines for existing buildings underground to mitigate hazard impacts and prevent loss of function. Require power lines to be buried for future development projects.	Hardin	12030202	120302021205
03001616	03	Trinity	None	Establish a floodplain manager for the city.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001611	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001612		Proposed		Grants, general budget	No		\$300,000
03001613		Proposed		City budget, grants	No		\$6,000,000
03001614		Proposed		City budget, Public and Private grants, donations, General fund	No		Costs for public education programs are minimal compared to benefits.
03001615	120302021205	Proposed		HMGP, PDM, operating budgets, utility fees	No		Maintain electrical service during storms; decrease utility and public services restoration time and expense.
03001616	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To regulate floodplain development and provide public information concerning flood areas. (NFIP)

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001617	03	Trinity	None	Purchase a mobile mapping unit to use during any event to provide route maps, housing counts, damage assessment maps, etc.	Hood	12030102	120301020301, 120301020301
03001618	03	Trinity	None	Lift station and flood gates at Rocky Shore Drive (coordinate with the University of Iowa)	Johnson	12030102, 12030109	
03001619	03	Trinity	Harden existing facility against natural hazards to serve as Emergency Operations Center.	Harden existing facility against natural hazards to serve as Emergency Operations Center.	Denton	12030103, 12030104, 12030105	
03001620	03	Trinity	Adopt more stringent building codes requiring mitigation measures on all new construction.	Alvord will adopt and enforce codes for structures at the time of construction. These additions will protect life and property. These measures include hail-resistant roofing and windows; wind and impact resistant doors, windows, and roofing ; wildfire br	Wise	12030101, 12030102, 12030103, 12030104	
03001621	03	Trinity	Maintain NFIP compliance, storm water management, and implement drainage projects.	Culvert and road grade improvements to prevent flooding at Rock Ridge Road, ¼ mile north of FM 2170	Collin	12030103, 12030105, 12030106	
03001622	03	Trinity	Provide adequate warning and communication before, during, and after a hazard event.	Add outdoor warning sirens to meet the needs of the growing population in newly developed areas and/or subdivisions	Collin	12030103, 12030105, 12030106	
03001623	03	Trinity	None	Purchase two mobile outdoor warning sirens and Public Address System.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001624	03	Trinity	None	Develop and fund a rebate program for City of Keller residents to purchase weather alert radios.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001617	120301020301, 120301020301	Proposed		Hazard Mitigation Grants, Capital Budget	No		\$120,000
03001618		Proposed		City, University of Iowa, Community Development Block Grant	No		Results are likely a long-term reduction of risk from hazard(s) addressed and/or results are not widespread; potential community opposition; lead agency has capabilities
03001619		Proposed		Mitigation grants; Bonds	No		Protect against the impacts of flooding and other hazards.
03001620		Proposed		City budget	No		This project will prove cost effective through keeping structures inhabitable as well as improving property values.
03001621		Proposed		Capital Improvement Plan, HMGP	No		The project prevents future repetitive cost which will greatly surpass the cost of implementing this project.
03001622		Proposed		General Fund	No		Outdoor warning systems will help alert the public to reduce personal and property damage before a disaster strikes.
03001623		Proposed		City budget, grants	No		\$480,000
03001624		Proposed		Hazard Mitigation Grant Program, city funds, private foundation	No		\$60,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001625	03	Trinity	West Bay Road and Bridge	Raise West BayRoad-replace and raise bridge	Chambers	12030203, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306
03001626	03	Trinity	Purchase and install warning and detection equipment at McKinney parks.	Install NOAA weather radios in all City parks with concession buildings.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03001627	03	Trinity	None	Encourage residents to take advantage of the Texas Emergency Preparedness Tax Holiday to buy supplies to enhance their mitigation efforts.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001628	03	Trinity	Local Plans and Regulations, Structure and Infrastructure, Natural Systems Protection	Adopt and implement a “green infrastructure” program for parks, nature preserves, greenbelts.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03001629	03	Trinity	Local Plans and Regulations	Incorporate higher standards for hazard resistance in local application of the building code.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001630	03	Trinity	None	Remove existing structures from flood-prone areas to minimize future flood losses by acquiring and demolishing or relocating structures from voluntary property owners and preserving land subject to repetitive flooding	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001625	120302030202, 120302030203, 120302030204, 120302030304, 120302030306	Proposed		Rebuild Texas Project	No		Avoid losses to Residents and structures near bridge, city, county, and regional residents traveling on West Bay Road
03001626	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney funds	No		\$5,000
03001627		Proposed		City general fund	No		\$6,000
03001628	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		Local Funding, HMGP	No		Reduce property loss by assuring private property loss is limited and areas are protected for proper downstream flows
03001629		Proposed		Local Funds (staff time)	No		Reduce risk of damages to structures through improved construction techniques; Reduce recovery efforts for the community after an event.
03001630		Proposed		City general fund, hazard mitigation grants	No		\$6,000,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001631	03	Trinity	Structure and Infrastructure, Natural Systems Protection	Voluntary acquisition of Repetitive Loss and flood prone properties throughout Hardin County and all jurisdictions. Assist relocation to safer locations within the County.	Hardin	12030202	120302021205
03001632	03	Trinity	Structure and Infrastructure	Upgrade storm water capacity and drainage throughout the Town of Rose Hill Acres. Actions include but are not limited to installing/upgrading culverts and headwalls, excavating new and/or enlarging storm water ditches and canals.	Hardin	12030202	120302021205
03001633	03	Trinity	Purchase Generator to Provide Power to City Municipal Buildings	Purchase Generator to Provide Power to City Municipal Buildings during hazardous conditions	Ellis	12030102, 12030105, 12030108, 12030109	
03001634	03	Trinity	None	Provide generators to vulnerable populations who may require life-saving emergency power, and to critical facilities not covered by back-up power	Wise	12030101, 12030104	120301040203, 120301040206, 120301010511, 120301010601, 120301010604
03001635	03	Trinity	NCTCOG Individual Safe Room Rebate Program	NCTCOG Individual Safe Room Rebate Program	Tarrant	12030101, 12030102, 12030103, 12030104	
03001636	03	Trinity	Natural Systems Protection	Conduct routine inspections and remove weak or downed trees on public and private lands	Kaufman	12030105, 12030106, 12030107	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001631	120302021205	Proposed		FMA, RFC, SRL, PDM, HMGP, GLO	No		Improve public safety, reduce flood losses, reduce demand for emergency services, improve floodplain functions and water quality, and improve floodplain ordinance compliance.
03001632	120302021205	Proposed		PDM, HMGP, operating budgets, local funding	No		Improved floodwater outflow capacity from town centers and industrial complexes is needed to reduce/ prevent impacts of flash flooding; reduce risk to residents from standing water, i.e. mosquito born disease, virus, etc.
03001633		Proposed		HMGP, PDM, local funds, donations, in-kind	No		Generator is Necessary to Support Main Municipal Building and Critical Functions Impacted by Hazard Events
03001634	120301040203, 120301040206, 120301010511, 120301010601, 120301010604	Proposed		Mitigation Funds, CIP Projects	No		None listed
03001635		Proposed		Unknown	No		Unknown
03001636		Proposed		Local Revenue, HMGP	No		Reduce potential for downed electric utility lines, increase safety to residents, reduce debris in right of ways caused by falling limbs, trees

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001637	03	Trinity	None	Conduct hydrologic and hydraulic studies (detailed flood studies) of all Zone "A", Special Flood Hazard Areas and the areas along all the major creeks in the County.	Hood	12030102	120301020301, 120301020301
03001638	03	Trinity	Local Plans and Regulations	Require standards for burial of electrical, telephone, cable lines and other utilities in new developments.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03001639	03	Trinity	Structure and Infrastructure	Upgrade storm water capacity throughout the City of Kountze. Actions include but are not limited to installing/upgrading culverts and headwalls, enlarging storm water ditches and canals.	Hardin	12030202	120302021205
03001640	03	Trinity	None	Use Smartscape in existing and new developments landscapes	Hood	12030102	120301020301, 120301020301
03001641	03	Trinity	Education and Awareness	Provide how-to information to residents for installing backflow valves to prevent reverse-flow floods.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03001642	03	Trinity	None	Enhance the comprehensive public education program both in schools and on a community level to include the recommended activities to mitigate the impact of each identified hazard.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001643	03	Trinity	City of Corsicana Acquisition/Demolition	City of Corsicana Acquisition/Demolition	Navarro	12030108, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001637	120301020301, 120301020301	Proposed		Hazard Mitigation Grants, Capital Funding, NRCS	No		\$6 million
03001638	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local funds (staff time)	No		Reduce damages to infrastructure; Ensure continuity of critical services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations.
03001639	120302021205	Proposed		HMGP, PDM, local operating budgets	No		Reduce flood damages to structures and infrastructure due to undersized or inadequate storm water drainage.
03001640	120301020301, 120301020301	Proposed		County Budget, Grants, Property Owners	No		\$600,000
03001641	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local funds (staff time)	No		Reduce damage impact on residents after a flood event; Reduce risk of sewage back-up in structures; Reduce risk of injury or illness to residents.
03001642		Proposed		City funds, city funding for staff time	No		\$21,000
03001643		Proposed		Unknown	No		Unknown

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001644	03	Trinity	Improve the City of Grand Prairie's capability to mitigate against flood events	Install automated floodgates with cameras for low water crossings at Robinson/I20, Carrier/I20, 3rd at Cottonwood Creek,, Carrier Pkwy at Cottonwood Creek, Riverside Parkway/SH360, and other locations possible	Ellis, Tarrant, Dallas	12030102	
03001645	03	Trinity	Structure and Infrastructure, Natural Systems Protection (vacant land)	Promote land use program, identify undeveloped land within the floodplain, and assess uses for conservation or recreation. Acquire floodplain and protect environmentally sensitive areas along Ten Mile Creek and watersheds and convert them into open space	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001646	03	Trinity	Retrofit police department EOC	Retrofit police department EOC with generators for emergency backup power to maintain critical services during power outages caused by natural hazards.	Liberty	12030202, 12030203, 12040202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001644		Proposed		City budget FEMA Hazard Mitigation Grant Program, TWDB, FPP. Recently awarded FEMA HMGP grant for Carrier Pkwy at Cottonwood Location	No		\$200,000
03001645		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP)	No		The removal of structures from flood prone areas will minimize future flood losses. This will be done by acquiring and demolishing of structures from voluntary property owners and preserving land subject to repetitive flooding.
03001646		Proposed		General Fund, EDC, FEMA, Homeland Security, Grants, HMGP, PDM	No		1:4 cost-benefit ratio

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001647	03	Trinity	None	Re-assess the Choctaw Creek Watershed Plan to evaluate new land management and structural measures necessary to address flooding issues in Sherman. A re-assessment is recommended to determine the extent of the flooding issues in the watershed under exist	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001648	03	Trinity	None	Education of the public on the importance of Flood Insurance. Most homeowners are unaware that their homeowner policy does not provide coverage for this event. Work with local insurance agents to notify homeowners. (NFIP)	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001649	03	Trinity	None	Evaluate the effectiveness of past mitigation projects to determine if follow up on actions are necessary.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001647	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001648	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001649		Proposed		City general fund, city funds for staff time	No		\$60,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001650	03	Trinity	Reduce or eliminate loss of life, injuries and property damage resulting from severe weather events.	Develop, Implement, and Enforce Private Residential and Commercial Construction Requirements	Collin	12030103, 12030105, 12030106	
03001651	03	Trinity	Protect existing and new properties from the effects of all natural hazards.	Replace undersized culverts at five locations.	Collin	12030103, 12030105, 12030106	
03001652	03	Trinity	Maintain NFIP compliance, storm water management, and implement drainage projects.	Culvert and road grade improvements to prevent flooding at Winningkoff Road, ¼ mile south of Snider Lane	Collin	12030103, 12030105, 12030106	
03001653	03	Trinity	None	Develop building standards to assess public and commercial buildings that may be vulnerable to property damage.	Hood	12030102	120301020301, 120301020301

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001650		Proposed		PDM, EMGP, General Budget, In-kind	No		Develop and adopt building codes to harden private construction based on the hazards identified in this annex such as hail-resistant roofing and windows; wind and impact resistant doors, windows, and roofing ; wildfire breaks and fire resistant building
03001651		Proposed		HGMP, PDM, HMA, General Fund, Local, In-kind, Bond	No		Providing proper water flow and drainage during times of excessive rains is imperative. Improper water flow results in damage to roads, bridges and property; which may lead to injuries and deaths. These replacements will be for 5 separate projects tha
03001652		Proposed		Capital Improvement Plan, HMGP	No		The project prevents future repetitive cost which will greatly surpass the cost of implementing this project.
03001653	120301020301, 120301020301	Proposed		Local Funds, State/Federal Grants	No		\$100,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001654	03	Trinity	Purchase and Install CASA-WX Weather Radar System	Purchase and Install CASA-WX Weather Radar System to provide waether monitoring	Denton	12030103, 12030104, 12030105	
03001655	03	Trinity	Emergency Services	Purchase multi-purpose high water rescue/dive team/patrol boat.	Walker	12030202	
03001656	03	Trinity	Public Warning Systems	Develop/Improve	Henderson	12030105, 12030107, 12030201	
03001657	03	Trinity	Develop public education campaigns to disseminate information about actions to mitigate potential loss of life, injuries and property damage resulting from natural hazards.	Implement all-hazards community education program, including information on mitigation activities.	Collin	12030103, 12030105, 12030106	
03001658	03	Trinity	Strucuture and Infrastructure	Upgrade pump station facilities including the pump controls to better function during disaster situations that stress the system and make precise control very important.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001659	03	Trinity	Structure and Infrastructure	Raise electrical components of sewage lift stations above the Base Flood Elevation (BFE).	Jack	12030101	
03001660	03	Trinity	Local Plans and Regulations	Initiate actions to reinstate community into the National Flood Insurance Program (NFIP).	Houston	12030201, 12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001654		Proposed		HMA, Local Funds, Public/Private Partnerships, donations, in-kind match	No		The CASA radar can provide a more detailed and accurate representation of an approaching storm. This can provide more time to warn residents of an impending tornado and allow them time to take appropriate sheltering actions.
03001655		Proposed		PDM program, HMGP	No		More than a 1:4 cost-benefit ratio
03001656		Proposed		City Budget/FEMA Grant	No		High
03001657		Proposed		Local Funding	No		Community education is important for reducing loss of life and property
03001658		Proposed		Local Funds, State and Federal Grants, Capital Funds	No		Recent events have identified this as a significant capabilities upgrade need. Reduce risk to structures and infrastructure.
03001659		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood water contamination; Reduce risk of surface water infiltration and sewage backup; Ensure continuity of critical services.
03001660		Proposed		General Revenue	No		Provide flood insurance availability to residents, regulate development in SFHA's.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001661	03	Trinity	Natural Systems Protection	Add thick vegetation on public lands along river banks.	Montague	12030101, 12030103, 12030104	
03001662	03	Trinity	None	Implement damage reduction measures of drainage ways and retention basins through stream bank erosion reduction program.	Collin, Denton	12030103, 12030105, 12030106	120301050103, 120301050104, 120301060403, 120301060404, 120301060405, 120301060406, 120301060407, 120301030906, 120301031003, 120301030906, 120301031003
03001663	03	Trinity	Natural Systems Protection	Study, develop and implement stream restoration/channelization program to ensure adequate drainage/diversion of storm water and remediation of stream bank erosion where feasible.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03001664	03	Trinity	Structure and Infrastructure	Increase drainage capacity; Add stormwater detention and / or retention basins as deemed necessary to reduce flood risk.	Jack	12030101	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001661		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of erosion or scour due to flooding; Reduce damages to infrastructure including roadways, sidewalks, bridges, and culverts; Reduce demands on emergency response during high water events.
03001662	120301050103, 120301050104, 120301060403, 120301060404, 120301060405, 120301060406, 120301060407, 120301030906, 120301031003, 120301030906, 120301031003	Proposed		CIP funds/ Pre-Disaster Mitigation Grant Funds and/or other funding methods	No		Significant flooding reductions
03001663	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		HMGP, other grant funding, local funding as approved by city council	No		Reduce risk of flooding, reduce risk of stream/ creek erosion encroachment and damage/loss of property and structures. Compromising of existing utilities
03001664		Proposed		Local Funds, HMGP, CDBG, Other State and Federal Grants	No		Reduce flood risk through improved drainage capacity; Reduce risk of damages and injuries; Reduce emergency response demands.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001665	03	Trinity	Develop and implement a comprehensive public education program.	This public education program would be based on the hazards that the City of Milford identified. The program will educate residents on hazards and mitigation actions for each.	Ellis	12030102, 12030105, 12030108, 12030109	
03001666	03	Trinity	None	Address flooding issues for the following areas:Tributary to Iron Creek by Denison Independent School District training office and bus barn. Major flooding issues during the flood event of 2007 (Precinct 2).	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001667	03	Trinity	None	Replace city owned culverts that have collapsed	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03001668	03	Trinity	Local Plans and Regulations	Provide tax incentives for development of low-hazard land parcels.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03001669	03	Trinity	None	Enhance the public education program with mitigation techniques to protect property, life,and the environments against these identified hazards.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001670	03	Trinity	None	Require that the floodplain administrator is certified.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001665		Proposed		General funds, state, federal grant funding, local funds, private donations	No		Protect citizens from the impacts of flooding and other natural hazards
03001666	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001667	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To prevent water backing up and pooling on city streets.
03001668	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Reduce risk in high hazard areas by promoting and incentivizing development in low risk areas.
03001669		Proposed		Hazard Mitigation GrantProgram, city funds, private foundation	No		\$30,000
03001670		Proposed		City general funds, hazard mitigation grants	No		\$112,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001671	03	Trinity	Structure and Infrastructure	Installation of warning signs and flood control (gates, culverts, etc.).	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03001672	03	Trinity	Structure and Infrastructure, Natural Systems Protection	Conduct creek and stream bank erosion studies: conduct a study to identify vulnerability to stream bank erosion. Identify and implement cost effective actions.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001673	03	Trinity	None	Promote conservation of open space to alleviate pressure on stormwater runoff and to promote water absorption through the soil.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001671	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		HMGP, Local Revenue, Grants	No		Reduction in drowning potential, allow for emergency egress/ingress, reduction in flood damages.
03001672		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP)	No		Reduce losses related to flooding.
03001673		Proposed		City general fund, hazard mitigation grants	No		\$600

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001674	03	Trinity	Levee Certification	Levee certification for new levee around waste water treatment plant	Liberty	12030202, 12030203, 12040202	
03001675	03	Trinity	Structure and Infrastructure; Education and Awareness	Installation of outdoor waring/siren system.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03001676	03	Trinity	Evaluate permitting process in the area affected by the event.	Develop policies and procedures on suspending post-disaster reconstruction permits.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001674		Proposed		US Army Corp of Engineers –Small Flood Control Projects, USDA Natural Resources Conservation Service –Emergency Watershed Protection Agency, Texas Water Development Board –Clean Water State Revolving Fund, USDA Natural Resources Conservation Servic	No		More than a 1:4 cost-benefit ratio
03001675	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		Local and Grant Funding	No		Reduction in loss of life/injury
03001676	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney funds	No		\$5,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001677	03	Trinity	None	Purchase and install emergency generators in critical facilities to include, but not limited to, City Hall, hospitals, and Emergency Operations Center.	Hood	12030102	120301020301, 120301020301
03001678	03	Trinity	Education and Awareness	Conduct a community education program regarding impacts of natural hazards, safety measures for responding to risk from hazards, and techniques to mitigate against hazards	Kaufman	12030105, 12030106, 12030107	
03001679	03	Trinity	Structure and Infrastructure	Provide emergency generators and automatic transfer switches for Cedar Hill Government Center / Cedar Hill ISD Administration, Police Department and other City of Cedar Hill facilities to provide emergency power to allow staff to provide critical services	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001680	03	Trinity	None	Back-up generator for waste-water system	Madison	12030202	
03001681	03	Trinity	None	Conduct a detailed dam failure risk analysis with a detailed inundation studies on the Lake Bonham Dam.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03001682	03	Trinity	Structure and Infrastructure Project	Install grassy berms/knolls at public and private cemeteries to prevent runoff and erosion during flood events	Kaufman	12030105, 12030106, 12030107	
03001683	03	Trinity	Ensure first responder capabilities to prepare for, respond to, and recover from identified hazards	Provide National Oceanic and Atmospheric Administration (NOAA) weather radios to identified special needs citizens (for example, elderly, rural, low income).	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03001684	03	Trinity	Develop and Implement a town flood protection ordinance.	The town will develop ordinances that regulate development in the floodplain.	Denton	12030103, 12030104, 12030105	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001677	120301020301, 120301020301	Proposed		Mitigation Grant, CDBG, General Fund	No		\$1.8 million
03001678		Proposed		Local Revenue	No		Educate residents to reduce loss of life and property, reduce evacuation time during disaster
03001679		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP)	No		Reduce loss of life and property; Provide power for critical facilities during power outages; Ensure continuity of critical services.
03001680		Proposed		FEMA Mitigation Funds (under the 5% Initiative category of HMGP)	No		Loss of power to a wastewater system can cause the system to fail. Having a back-up generator will mitigate that problem
03001681	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To mitigate dam failure and flooding.
03001682		Proposed		HMGP	No		Reduce effects of erosion due to flash flooding events and ongoing cost to reseed or repair scoured areas
03001683	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney Funds, FEMA	No		\$20,000
03001684		Proposed		None listed	No		To reduce vulnerability to flooding.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001685	03	Trinity	Harden Municipally-Owned Critical Infrastructure	Existing buildings would be hardened through improved roofing materials, construction of storm rooms to protect occupants from high winds; backing up electronic data to off-site servers to protect against natural and technological hazards. New municipal	Denton	12030103, 12030104, 12030105	
03001686	03	Trinity	Structure and Infrastructure, Natural Systems Protection	Implement Streambank Stabilization.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001687	03	Trinity	Early Warning and Public Notification	Obtain early warning siren system installment inside jurisdiction to assist in public notification of hazard prior to hazard occurrence	Henderson	12030105, 12030107, 12030201	
03001688	03	Trinity	Structure and Infrastructure	Raise electrical components of sewage lift stations above the Base Flood Elevation (BFE).	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03001689	03	Trinity	Mitigate the Effects of Severe Weather to Citizens Through Outdoor Warning Systems.	Mitigate the Effects of Severe Weather to Citizens Through the implementation of Outdoor Warning Systems.	Ellis	12030102, 12030105, 12030108, 12030109	
03001690	03	Trinity	None	Implement a multijurisdictional Automatic Vehicle Location (AVL) system for both police and fire from Colleyville, Keller, Southlake, and Westlake (NETCOM) in order to quickly locate vehicles.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001691	03	Trinity	Develop and Implement Mitigation Public Education and Awareness Programs for each identified hazard.	Hazard public education and awareness materials will be distributed through social media and public outreach. This will provide a community awareness campaign concerning the risks and consequences of natural hazards. Educate the public on the hazards, I	Denton	12030103, 12030104, 12030105	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001685		Proposed		HMGP, PDM, SHSP, Local funds, donations, in-kind match, public/private partnerships	No		Increasing security measures saves the entire municipal population by protecting critical infrastructure and key resources.
03001686		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood damages; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood event.
03001687		Proposed		City Budget/Grants	No		High
03001688	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood water contamination; Reduce risk of surface water infiltration and sewage backup; Ensure continuity of critical services.
03001689		Proposed		HMGP, PDM, local funds, donations, in-kind	No		Protect lives as the population grows and there is a greater need to notify.
03001690		Proposed		City budget	No		\$19,680
03001691		Proposed		Fire Department	No		Loss of life may be mitigated as public takes steps to secure property and respond to warnings.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001692	03	Trinity	None	Upgrade culverts, install bulkheads, and elevate roadbed along Western Court Road accessing Lake Livingston Acres west of Coldspring to address repetitively damaged county roads	San Jacinto	12030202, 12030203	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103
03001693	03	Trinity	Education and Awareness	Provide educational brochures and make presentations to the general public and schools regarding mitigation measures for the general public, commercial businesses, and industry. Provide educational materials and presentations to increase awareness and ed	Hardin	12030202	120302021205
03001694	03	Trinity	Educational Outreach	This action will create a program to educate the public about specific mitigation actions for all hazards, including but not limited to participation in Wildfire Fuels Reduction, Tornado Saferooms, Structural Hardening, etc...	Leon	12030201, 12030202	
03001695	03	Trinity	None	Elevate existing homes located in the identified special flood hazard area (the 100-year floodplain)	Madison	12030202	
03001696	03	Trinity	Education and Awareness	Update and expand the City's Outdoor Warning Siren (OWS) system.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001692	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103	Proposed		HMGP, PDM, FMA, GLO	No		Social, technical, administrative, legal, economic benefits
03001693	120302021205	Proposed		PDM, HMGP, GLO, other grants	No		Improve public education and individual preparedness which will in turn reduce need for some emergency services.
03001694		Proposed		County, FEMA PDM, FEMA HMGP	No		None listed
03001695		Proposed		FEMA HMGP Grants and FEMA FMA Grants	No		Can save lives and prevent property damage by elevating existing homes to have the first flood above the Base Flood Elevation.
03001696		Proposed		Local Funds, (CIP), HMGP, Bond Funding	No		Reduce risk to citizens through improved communications and early warning.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001697	03	Trinity	None	Sponsor Sky Warn Training program by the National Weather Service.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001698	03	Trinity	None	Upgrade culverts, install bulkheads, and elevate roadbed along Sherwood Drive and Chipmunk Trail and address repetitively damaged county roads	San Jacinto	12030202, 12030203	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103
03001699	03	Trinity	Improve the City of Grand Prairie's capability to mitigate against flood events	Procure, install, and monitor wireless cameras at road crossings over creeks throughout the City and one camera at Willow Bend MHP to view the water gauge	Ellis, Tarrant, Dallas	12030102	
03001700	03	Trinity	None	Place high intensity outdoor warning sirens in county population centers at risk in disasters. The warning sirens would be organized by quadrants and linked to communication centers for activation.	Limestone	12030108, 12030201	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102
03001701	03	Trinity	None	Create and conduct mock or table top multi-agency EOC operations drills and mitigation scenarios to increase the City of Haslet's Emergency Operations Center (EOC) usage opportunities.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001702	03	Trinity	Join the community rating system.	Join the community rating system.	Liberty	12030202, 12030203, 12040202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001697	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001698	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103	Proposed		HMGP, PDM, FMA, GLO	No		Social, technical, administrative, legal, economic benefits
03001699		Proposed		FEMA HMGP, City budget, TWDB FPP	No		\$500,000
03001700	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102	Proposed		FEMA mitigation grants, DHS grants, general revenues	No		Advanced warning for a large segment of county population, thereby increasing the safety of life.
03001701		Proposed		City Budget	No		\$6,000
03001702		Proposed		City Council	No		1:4 cost-benefit ratio

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001703	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Denton	12030103, 12030104, 12030105	
03001704	03	Trinity	Improve City of McKinney's capability to prepare for, respond to, and recover from flood events.	Design, construct, and maintain drainage improvements to minimize the risk of loss of life and future flood damages.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03001705	03	Trinity	Structure and Infrastructure	Remove structures from flood prone areas to minimize future flood losses by acquiring and demolishing or relocating structures from voluntary property owners and preserving lands subject to repetitive flooding.	Hardin	12030202	120302021205
03001706	03	Trinity	Develop and implement waterways stabilization program	Clear waterways to effectively remove storm water.	Denton	12030103, 12030104, 12030105	
03001707	03	Trinity	None	Develop storm water retention capacity in new subdivisions	Hill	12030108, 12030109	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001703		Proposed		HMPG, Watershed Authorities, Dam Sponsors, local sponsors, In-kind	No		Mitigate the impacts of flooding and other hazards.
03001704	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney Funds, Bond program funds	No		\$500,00
03001705	120302021205	Proposed		HMGP, PDM, FMA, RFC	No		Mitigate flood damage; improve compliance with floodplain ordinance; prevent flooding damage to existing structures.
03001706		Proposed		General funds/grants; local funds, in-kind match	No		Prevent buildup of debris and materials that could cause flooding and contribute to damage to property.
03001707	120301080101, 120301080102, 120301080103, 120301080104, 120301080105, 120301080106, 120301080107, 120301080108, 120301080109, 120301080110, 120301080201, 120301080203, 120301080301, 120301090106, 120301090107, 120301090108, 120301090204	Proposed		NFMF, PDM Grant Program, HMGP Grant Program	No		Storm water retention ponds in the area would provide a place for storm waters to go within the low-lying area. This would allow for better runoff and drainage of the properties which would reduce damages from flooding events.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001708	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Denton	12030103, 12030104, 12030105	
03001709	03	Trinity	None	Elevate homes in low lying or flood prone areas to mitigate potential inundation from major flood event	San Jacinto	12030202, 12030203	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103
03001710	03	Trinity	Decommission Lake Simmonds Dam	Dallas Parks and Recreation owns and maintains the dam at Lake Simmonds. The costs associated with maintaining the lake and dam exceed the current value of the lake and dam. Parks and Rec wishes to decommission the dam and lake by draining the water and	Kaufman, Rockwall, Collin, Denton, Dallas	12030102, 12030103, 12030105, 12030106	
03001711	03	Trinity	None	Incorporate "Texas SmartScape" in city landscaping.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001712	03	Trinity	Local Plans and Regulations	Increase the City of Richardson's community's rating under the Community Rating System program.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001708		Proposed		HMPG; Watershed Authorities; Dam sponsors; Local sponsors; In-Kind	No		Loss of life and property damage can be prevented.
03001709	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103	Proposed		HMGP, RFC, SRL, PDM, FMA, TWDB	No		Social, technical, administrative benefits
03001710		Proposed		HMGP, UASI, City Funds	No		The current maintenance costs associated with Lake Simmonds and its accompanying dam far exceed the value of the lake and dam. By decommissioning the dam, we protect lives and property while also saving the City money in upkeep costs
03001711		Proposed		City general fund, hazard mitigation grants	No		\$6,000,000
03001712		Proposed		City of Richardson Capital Projects	No		Reduce flood insurance premiums for local residents; Reduce flood risk and build resiliency.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001713	03	Trinity	Natural Systems Protection	Add thick vegetation on public lands along river banks.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03001714	03	Trinity	Structure and Infrastructure	Acquire and install generators with hard wired quick connections at all campus locations.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03001715	03	Trinity	None	Harden existing and future critical facilities in ways that include, but are not limited to, the use of impact resistant and energy efficient materials.	Parker	12030101, 12030102	
03001716	03	Trinity	None	Purchase a backup generator to power Austiana Hills Lift Station	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03001717	03	Trinity	None	Purchase weather radios for all households.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001718	03	Trinity	None	Limit construction in floodplains.	Hood	12030102	120301020301, 120301020301
03001719	03	Trinity	Purchase and Install a CASA-WX Radar	Would be used in conjunction with early warning sirens and code red to alert citizens to take shelter.	Ellis	12030102, 12030105, 12030108, 12030109	
03001720	03	Trinity	Install additional warning sirens to alert the public of severe weather.	Lake Dallas will add more warning sirens throughout the city.	Denton	12030103, 12030104, 12030105	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001713	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of erosion or scour due to flooding; Reduce damages to infrastructure including roadways, sidewalks, bridges, and culverts; Reduce demands on emergency response during high water events.
03001714	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Provide power for school facilities during power outages and ensure safety of students and faculty, and continuity of critical services.
03001715		Proposed		County budget, General funds, mitigation grants	No		\$3,000,000
03001716	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		Enhance safety of population by helping ensure continued power supplies in emergency situations.
03001717		Proposed		Hazard mitigation grants, city budget	No		\$1,800,000
03001718	120301020301, 120301020301	Proposed		None listed	No		0
03001719		Proposed		General fund, HMGP, PDM, donations, local funds, in-kind	No		Protect community from loss of life and severe injuries.
03001720		Proposed		HMPG, PDM, General Fund, Local funds, Donations, In-kind grants	No		To ensure all areas and new populations can be notified of flood and other hazards, especially near outdoor recreational areas.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001721	03	Trinity	Adopting land-use ordinance	The city shall adopt a land-use ordinance which prohibits building residential or commercial structures in the 100-year floodplain	Liberty	12030202, 12030203, 12040202	
03001722	03	Trinity	None	Study erosion in Calloway Branch.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001723	03	Trinity	Garland Flood Warning System	FIF #162 in 2020 Flood Intended Use Plan	Dallas	12030105, 12030106	
03001724	03	Trinity	Structure and InfrastructureProject	Implement structural drainage improvements such as installing culverts, drainage, retention are to improve conveyance of storm water during severe rainfall events	Kaufman	12030105, 12030106, 12030107	
03001725	03	Trinity	None	Implement public education program to address the risks and mitigation actions (that public can do at their homes/properties) for the identified hazards using social media, city website, local newspaper, and public outreach.	Hood	12030102	120301020301, 120301020301
03001726	03	Trinity	None	Replace aging generator at the police station.	Parker	12030101, 12030102	
03001727	03	Trinity	Structure and Infrastructure	Upgradeundersized stormwater drains and culverts	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03001728	03	Trinity	None	Install OptiCom encoded signal deviceat each intersection and each emergency vehicle along major highways to ease emergency vehicle access during high traffic times.	Hood	12030102	120301020301, 120301020301

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001721		Proposed		Current city budget and salary, HMGP	No		More than a 1:4 cost-benefit ratio
03001722		Proposed		City budget, grants	No		\$60,000
03001723		Proposed		Unknown	No		Unknown
03001724		Proposed		HMGP	No		Reduce potential flooding, overtopping of banks, poor drainage, and cost to routinely repair undersized drains and inadequate culverts
03001725	120301020301, 120301020301	Proposed		Operating Budget, Grants	No		\$600
03001726		Proposed		General funds, mitigation grants	No		\$600,000
03001727	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds, State and Federal Grants	No		Reduce risk of flood damages through improved drainage capacity; Reduce risk of injuries to citizens; Reduce burden on emergency services during and after a flood event.
03001728	120301020301, 120301020301	Proposed		Hazard Mitigation Grant, Capital Funding	No		\$3.3 million

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001729	03	Trinity	None	Obtain projections for future growth trends and anticipated land uses within Grayson County for purposes of evaluating whether new or special building codes or land development regulations should be considered by the County or any of the other participat	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001730	03	Trinity	None	Address access issue to wastewater treatment plant during flood events	Johnson	12030102, 12030109	
03001731	03	Trinity	Purchase and distribute NOAA "All-Hazard" radios	Distribute NOAA "All-Hazards" radios to citizens to allow them to be better prepared for any and all natural hazard events.	Wise	12030101, 12030102, 12030103, 12030104	
03001732	03	Trinity	None	Ensure communications systems allow first responders to communicate with each other and other responding agencies.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001733	03	Trinity	None	Create dam failure inundation maps	Madison	12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001729	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001730		Proposed		City, Hazard Mitigation Grant Program, others to be identified	No		Results are likely immediate and/or widespread reduction of risk from hazard(s) addressed; generally supported by the community; lead agency has capabilities.
03001731		Proposed		General funds, HMGP, PDM, Local funds, donations, in-kind, resident cost-share	No		Weather radios are cheap and allow citizens to stay informed of any announcements by city officials in terms of hazardous events.
03001732		Proposed		City budge, grant funds	No		\$300,000
03001733		Proposed		General revenue or a flood study grant from the Texas Water Development Board	No		A risk assessment would help the community to plan for and mitigate the potential damages from a dam failure

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001734	03	Trinity	Local Plans and Regulations	Require new public buildings to be sited on low risk parcels.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03001735	03	Trinity	None	Expand NOAA Weather Radio distribution to new homes/facilities with vulnerable populations and new businesses in Decatur	Wise	12030101, 12030104	120301040203, 120301040206, 120301010511, 120301010601, 120301010604
03001736	03	Trinity	Structure and Infrastructure	Implement flood mitigation infrastructure improvements in downtown Carrollton to alleviate systemic standing water during heavy rain events. This would include drainage improvements and other actions deemed necessary.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001737	03	Trinity	None	Develop and install city-wide weather/street monitoring and video camera system in the Emergency Operations Center.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001738	03	Trinity	None	Create a database of people with special needs for Haltom City emergency responders.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001739	03	Trinity	Natural Systems Protection	Retain and maintain natural vegetation in stormwater channels.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03001740	03	Trinity	None	Enhance public education (including but not limited to information booths, public safety events, flyers, digital support tools, and training) to teach the public about mitigation techniques for the identified hazards.	Tarrant	12030101, 12030102, 12030103, 12030104	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001734	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time)	No		Reduce risk of damages to public structures by locating buildings outside of known hazard areas; Ensure continuity of public services following a significant event.
03001735	120301040203, 120301040206, 120301010511, 120301010601, 120301010604	Proposed		HMA Grants	No		None listed
03001736		Proposed		Local Funds, State and Federal Grants	No		This would reduce losses to area businesses, reduce damage to structures and infrastructure, reduce recovery time after a flood event and ensure continuity of services.
03001737		Proposed		City budget, hazard mitigation grants	No		\$900,000
03001738		Proposed		City budget, grants	No		\$90,000
03001739	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time)	No		Reduce risk of flood damages due to erosion or scour during flood events.
03001740		Proposed		City general fund, HMGP	No		\$2,400,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001741	03	Trinity	Stricter building code adoption, implementation, and enforcement.	City of Ferris will adopt and enforce stricter applicable building codes and ordinances.	Ellis	12030102, 12030105, 12030108, 12030109	
03001742	03	Trinity	Purchase and implement communication early warning system connected to NOAA Weather Service, such as Blackboard Connect	Sign an annual contract with Blackboard Connect to issue warnings and information to citizens about hazards.	Ellis	12030102, 12030105, 12030108, 12030109	
03001743	03	Trinity	Local Plans and Regulations	Restrict future development in high risk areas.	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03001744	03	Trinity	Implement and maintain emergency power generators for critical facilities at the airport	Identify appropriate size and type of generators for critical facilities at the airport.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904
03001745	03	Trinity	None	Acquire 10 generators for running signal lights at major thoroughfares.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001746	03	Trinity	Education and Awareness	Acquire and distribute NOAA weather radios.	Montague	12030101, 12030103, 12030104	
03001747	03	Trinity	None	Using the enhanced Stormwater Management Plan, improve drainage where flash flooding normally occurs which forces roads to be closed.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001748	03	Trinity	Local Plans and Regulations	Require erosion / sedimentation controls for new construction; Include on-site sediment retention as a development requirement.	Jack	12030101	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001741		Proposed		State and federal grants, city budget	No		This project has the chance to save lives by minimizing structural collapse and dangerous flying debris.
03001742		Proposed		State grants, federal grants, city general fund	No		An early warning system will give citizens prior warning in the case of flooding or other natural hazards.
03001743	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time)	No		Reduce risk of damages to new structures and infrastructure through building restrictions in high risk areas.
03001744	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		McKinney National Airport, FEMA, City of McKinney Funds, private donations	No		\$100,000
03001745		Proposed		City budget, hazard mitigation grants, Homeland Security Grant Program	No		\$1,500,000
03001746		Proposed		Local Funds, State and Federal Grants	No		Reduce risk to citizens through improved communications and early warning.
03001747		Proposed		City budget, grants	No		\$60,000,000
03001748		Proposed		Local Funds (staff time)	No		Reduce risk of flood damages due to erosion or scour during flood events.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001749	03	Trinity	Structure and Infrastructure	Acquire and install generators with hard wired quick connections at all critical facilities.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001750	03	Trinity	Drainage channel improvements	Implement drainage channel improvements to reduce flooding including increased culvert size at SH321 underpass to Waco St.	Liberty	12030202, 12030203, 12040202	
03001751	03	Trinity	Local Plans and Regulations	Require new public buildings be sited on low risk parcels.	Montague	12030101, 12030103, 12030104	
03001752	03	Trinity	Expand Outdoor Warning System to Cover New Developments and Population Increases	Increasing the coverage of outdoor warning systems is a responsibility that falls on to the municipality to save citizens lives.	Denton	12030103, 12030104, 12030105	
03001753	03	Trinity	Local Plans and Regulations	Require standards for burial of electrical, telephone, cable lines and other utilities in new developments.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001754	03	Trinity	Increase citizen awareness of preparing for identified hazards	Educate citizens about all hazards and the potential negative effects.	Collin	12030103, 12030106	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001749		Proposed		Local Funds (staff time), State and Federal Grants	No		Provide power for critical facilities during power outages and ensure continuity of critical services.
03001750		Proposed		TWDB & Local Matching Funds, HMGP, PDM	No		1:4 cost-benefit ratio
03001751		Proposed		Local Funds	No		Reduce risk of damages to public structures by locating buildings outside of known hazard areas; Ensure continuity of public services following a significant event.
03001752		Proposed		HMGP, PDM, Local Funds, public/private partnerships, Local funds, donations, in-kind match	No		The increased coverage will allow the town to warn citizens outdoors and subsequently save lives
03001753		Proposed		Local Funds (staff time)	No		Reduce damages to infrastructure; Ensure continuity of critical services during and after event; Reduce damages associated with power outages; Reduce risk of injuries or fatalities to vulnerable populations.
03001754	120301060203, 120301060204, 120301060205, 120301060206, 120301060207, 120301060404, 120301060405, 120301030904	Proposed		City of McKinney funds	No		\$40,000

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001755	03	Trinity	Expand development of emergency notification system	Expand development of emergency notification system/work to establish public awareness of emergency notification process.	Liberty	12030202, 12030203, 12040202	
03001756	03	Trinity	None	Purchase and install a backup generator for the Navasota High School for sheltering.	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03001757	03	Trinity	None	Establish a Community Emergency Response Team (CERT) to serve the citizens of Navasota	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03001758	03	Trinity	Public Information and Awareness	The county and participating jurisdictions will create and implement an education campaign to educate the public on mitigation techniques for all hazards.	Walker	12030202	
03001759	03	Trinity	North Anahuac Drainage	Clean and enlarge road ditches and culverts. Channelized the drainage outfall for the area north of the Lonestar Canal	Chambers	12030203, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001755		Proposed		National WeatherService, FEMA Emergency Management Performance Grant, Dept. of Homeland Security-State Homeland Security Grant Program, Private Industry	No		1:4 cost-benefit ratio
03001756	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		Enhance the safety for the citizens by providing a sheltering location with appropriate power. This location can also be used to assist medical special needs with medical equipment that may need electrical power.PriEnhance the safety for the citizens by
03001757	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants, General Fund	No		To establish a specialized trained team to contain, deescalate and resolve high risk, critical incidents to ensure the safety of citizens and officers in a peaceful manner.
03001758		Proposed		PDM Program, HMGP	No		None listed
03001759	120302030202, 120302030203, 120302030204, 120302030304, 120302030306	Proposed		HMAP	No		Avoid Flooding of homes and City's water plant

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001760	03	Trinity	Education and Awareness	Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.	Montague	12030101, 12030103, 12030104	
03001761	03	Trinity	Increase ability of Chico residents to receive early warning and special information about natural hazards by purchasing and distributing NOAA All Hazard Radios to each household and business in Chico.	The NOAA System is in place and working every day, households and businesses need to be able to get the information	Wise	12030101, 12030102, 12030103, 12030104	
03001762	03	Trinity	Improve the City of Grand Prairie's flooding information distribution and warning to citizens	Continue to identify repetitive loss areas and structure	Ellis, Tarrant, Dallas	12030102	
03001763	03	Trinity	Local Plans and Regulations, Natural System Projection, Structure and Infrastructure (acquisition)	Acquire, reuse, and preserve open spaces adjacent to floodplain areas.	Rockwall	12030106, 12030107	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409
03001764	03	Trinity	Education and Awareness	Implement a flood awareness program by providing FEMA / NFIP materials to mortgage lenders, real estate agents and insurance agents and place them in local libraries.	Montague	12030101, 12030103, 12030104	
03001765	03	Trinity	None	Work with local newspaper "The Trenton Tribune" to run flood safety information	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001760		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of injuries, fatalities and damages through education and awareness.
03001761		Proposed		HMGP, PDM, DHS, NWS funds, Donations, General fund	No		The ability to save lives by warning people to take appropriate action during a severe weather or wildland fire event is very cost effective.
03001762		Proposed		City budget FEMA Severe Repetitive Loss Program HUD Sustainable Housing and Communities Program, FEMA HMGP	No		\$500,000
03001763	120301060401, 120301060402, 120301060403, 120301060409, 120301060502, 120301070101, 120301070102, 120301060402, 120301060401, 120301060402, 120301060409	Proposed		Local and State Grants	No		Reduce risk to citizens and property from flooding both in and near the floodplain.
03001764		Proposed		Local Funds (staff time)	No		Reduce flood risk through education and awareness; Increase flood insurance coverage.
03001765	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		Public awareness

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001766	03	Trinity	Purchase and distribute NOAA all Hazard radios for vulnerable populations	The City of Dallas will purchase a set number of NOAA weather radios, 18,000 radios per million dollar allocation, and distribute them to vulnerable populations.	Kaufman, Rockwall, Collin, Denton, Dallas	12030102, 12030103, 12030105, 12030106	
03001767	03	Trinity	Education and Awareness	Purchase and install weather service activation link as an emergency public warning system and conduct outreach to increase public awareness of potential dangers	Kaufman	12030105, 12030106, 12030107	
03001768	03	Trinity	None	Install a mass notification system to alert the public of impending hazards.	Parker	12030101, 12030102	
03001769	03	Trinity	None	Install French drains around city owned structures.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03001770	03	Trinity	Education and Awareness- Preparedness	Implement training and education program utilizing multiple sources to educate First Responders of ICS and hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damages.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105
03001771	03	Trinity	Structure and Infrastructure	Install Electric Substation Transformer.	Montague	12030101, 12030103, 12030104	
03001772	03	Trinity	Early Warning and Public Notification	Check the location and condition of warning sirens, if repairs are needed, determine cost and make an appropriate recommendation to the governing body	Henderson	12030105, 12030107, 12030201	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001766		Proposed		HMGP, UASI	No		Early warning saves lives and property. By offering radios to vulnerable populations, the percentage of people receiving and responding to these messages approaches 100%
03001767		Proposed		HMGP	No		Increase warning time and reduce loss of lives and property to residents during disaster and severe weather events
03001768		Proposed		Hazard mitigation grants, general fund, USDA grant	No		\$24,000
03001769	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To ensure that water doesn't pool around foundations.
03001770	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time), State and Federal Grants	No		Promote emergency response and hazard awareness to protect First Responders and citizens from potential injuries and damages.
03001771		Proposed		USDA, TxDOT, FEMA, Local Funds	No		Allows for electric power to be used when an older existing transformer goes down; Ensures continuity of services; Protects vulnerable populations.
03001772		Proposed		HMPG Grant	No		High

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001773	03	Trinity	Structure and Infrastructure	Install backup generators and automatic transfer switches (UPS systems) in all city facilities that house critical infrastructure, personnel and equipment to include Desoto Police Department.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001774	03	Trinity	Structure and Infrastructure	Adopt and implement a program for clearing debris from bridges, drains and culverts.	Jack	12030101	
03001775	03	Trinity	Local Plans and Regulations	Develop evacuation plan for residents downstream of Houston County Lake Dam.	Houston	12030201, 12030202	
03001776	03	Trinity	Public Information & Education	Although Lindsay has experienced immense flooding in recent years there are less than 20 flood insurance policy holders in the community. Education on the availability and need for flood insurance would greatly benefit the community and alleviate some of	Cooke	12030103, 12030104	
03001777	03	Trinity	Maintain NFIP compliance, storm water management, and implement drainage projects.	Develop and implement a Master Storm Water Drainage Plan for the City	Collin	12030103, 12030105, 12030106	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001773		Proposed		Local Funds, Hazard Mitigation Grant Program (HMGP)	No		Reduce losses of life and property.
03001774		Proposed		Local Funds, State and Federal Grants	No		Reduce damages caused by flooding by maintaining or restoring drainage capacity.
03001775		Proposed		FEMA, TWDB	No		Reduce loss of life due to dam failure.
03001776		Proposed		Budget	No		When working with planning team members from each jurisdiction all mitigation ideas were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03001777		Proposed		City Budget, Grant Programs	No		There is currently no Master Storm Drainage Plan. By preparing and implementing this plan, it will reduce the occurrence of flash flooding and sudden inundation of areas. It will improve transportation during severe weather. Reduce vulnerabilities to tho

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001778	03	Trinity	Phase 2 of City Drainage Master Plan	This effort will enhance the phase 1 plan document through further analysis and more comprehensive analysis. This effort can also explore the effective use of surface water, once collected.	Walker	12030202	120302020801, 120302020802, 120302020805
03001779	03	Trinity	Education and Awareness	Acquire and distribute NOAA weather radios.	Clay	12030101	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502
03001780	03	Trinity	Structure and Infrastructure; Natural Systems Protection (vacant land)	Develop a land acquisition program in flood hazard areas. Acquire and demolish repetitive loss properties. Acquire high risk vacant land and maintain as open space.	Montague	12030101, 12030103, 12030104	
03001781	03	Trinity	None	Enlarge road culverts to handle higher water capacity.	Leon	12030201, 12030202	
03001782	03	Trinity	Structure and Infrastructure	Drainage improvement and storm water conveyance project for Coon Marsh Gulley. Five stage project for building damage prevention consists of the following: Excavate approximately 4,800 feet of Coon Marsh Gulley Diversion Ditch channel; line bottom with	Hardin	12030202	120302021205
03001783	03	Trinity	Lower Lake Dam Improvements	Lower City Lake Dam is a 27-foot high earthen dam with a normal capacity of 256 acre-feet and a crested spillway that discharges to the tributary system of Bassett Creek within the Trinity River Basin	Anderson	12030105, 12030201	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001778	120302020801, 120302020802, 120302020805	Proposed		City Funds, Private Grant Sources	No		While this effort may be not meet traditional benefit cost standards, the long-term benefits from adopting a completed drainage master plan will be significant in the reduction in flood loss.
03001779	120301010107, 120301010201, 120301010202, 120301010204, 120301010207, 120301010501, 120301010502	Proposed		Local Funds (staff time), State and Federal Grants	No		Cost/Losses Avoided):Reduce risk to citizens through improved communications and early warning.
03001780		Proposed		Local Funds, State and Federal Grants	No		Eliminate risk of flood damages to high risk structures and prevent future losses in high risk flood hazard areas; Reduce downstream impacts associated with development in the floodplain; Reduce risk of injuries to citizens; Reduce burden on emergency se
03001781		Proposed		Generla revenue, grants	No		Prevent backwater flooding
03001782	120302021205	Proposed		HMGP, GLO, PDM, other grants	No		Reduce flooding risk to structures and infrastructure in Hardin County.
03001783		Proposed		No cost listed	No		None listed

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001784	03	Trinity	None	Maintain, evaluate, and monitor city codes, to assure there are no repetitive losses on existing structures and new structures, due to flooding. (NFIP)	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001785	03	Trinity	None	Work with the state to conduct a study to determine inundation zones, vulnerability to, and potential impacts of a dam failure.	Tarrant	12030101, 12030102, 12030103, 12030104	
03001786	03	Trinity	None	Per the National Flood Insurance Program (NFIP) continued compliance, acquire homes located in the identified flood hazard area.	Limestone	12030108, 12030201	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102
03001787	03	Trinity	None	Purchase a backup generator to power Water Well Number 3 (city's second main water well) during a power outage.	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03001788	03	Trinity	Enlarge ditches and create retention-Spindletop Bayou	Increase IH10 crossings, enlarge ditches and create retention along the Spindletop Bayou in east Chamber County	Chambers	12030203, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306
03001789	03	Trinity	Education and Awareness	Obtain certification in the National Weather Service StormReady Program.	Young	12030101	120301010101, 120301010102, 120301010103, 120301010104, 120301010105

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001784	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001785		Proposed		City general fund, hazard mitigation grants	No		\$60,000
03001786	120301080301, 120301080302, 120301080303, 120301080304, 120302010101, 120302010102	Proposed		FEMA mitigation grants, Texas Water Development Board, general revenues	No		Existing buildings will be removed permanently from the identified flood hazard area, thus preventing future damages due to floods.
03001787	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		Enhance safety of population by helping ensure continued power supplies in emergency situations.
03001788	120302030202, 120302030203, 120302030204, 120302030304, 120302030306	Proposed		Rebuild Texas Project	No		Avoid losses to Residents and structures along the Spindletop Bayou in Chambers County.
03001789	120301010101, 120301010102, 120301010103, 120301010104, 120301010105	Proposed		Local Funds (staff time), State and Federal Grants	No		Reduce risk to citizens by educating the public on how to prepare for hazards and disasters.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001790	03	Trinity	Create a Storm Water Management Program to analyze historical and current conditions contributing to flooding.	Develop Feasibility Study to identify sites where stream, rain, and low water crossing gauges are needed in order to study the flow patterns of rain runoff during and immediately after heavy rains.	Ellis	12030102, 12030105, 12030108, 12030109	
03001791	03	Trinity	None	Conduct drainage study of Sandy Creek Tributary and complete a flood control project to reduce flood levels on new structures.	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502
03001792	03	Trinity	Anahuac, North of Canal Drainage	In the city limits of Anahuac, the area north of the Chambers Liberty Counties Navigation District canal generally along N. Main Street, Texas Avenue, and Work Street.	Chambers	12030203, 12040203	120302030202, 120302030203, 120302030204, 120302030304, 120302030306
03001793	03	Trinity	Installing drainage lines	Install larger drainagelines in downtown Cleveland to reduce flooding.	Liberty	12030202, 12030203, 12040202	
03001794	03	Trinity	Lynchburg Creek Flood Mitigation Grant	Update to floodplain mapping for use in planning and risk reduction	Denton	12030103	120301030902
03001795	03	Trinity	Early warning Siren for public notification	Obtain early warning system installment inside jurisdiction to assist in public notification of hazard prior to hazard occurrence	Henderson	12030105, 12030107, 12030201	
03001796	03	Trinity	Create a Storm water Management Plan.	Developing a stormwater management plan would update policies and procedures currently in place to better manage storm water, preventing flooding. Additional projects would be created based on the stormwater plan.	Wise	12030101, 12030102, 12030103, 12030104	
03001797	03	Trinity	Structure and Infrastructure	Implementation of retrofit, redevelopment, and abatement programs to strengthen existing structures, especially unreinforced masonry buildings. Determine storm vulnerability and complete an exposure assessment of City transportation assets.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001790		Proposed		Grants, city budget, private donations	No		Improve drainage of flood water.
03001791	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		Provide accurate data for the existing and future management of mitigation issues.
03001792	120302030202, 120302030203, 120302030204, 120302030304, 120302030306	Proposed		CDBG-DR Harvey Match or Chambers County General Fund	No		This area has been prone to flooding in the many recent rain events. Water filling the streets and coming near or entering homes.
03001793		Proposed		CDBG, USACE, Small Flood Control Projects, TWDB Clean Water State Revolving Fund, PDM, HMGP, 406 Public Assistance	No		1:4 cost-benefit ratio
03001794	120301030902	Ongoing		FEMA	No		Floodplain mapping updates
03001795		Proposed		City Budget/Grants	No		Medium
03001796		Proposed		County budget, HMGP, other grants, Local funds, in-kind	No		Cost to implement this program is low compared to the benefits of program.
03001797		Proposed		Hazard Mitigation Grants, general obligations bonding, city budget	No		Reduce risk to citizens through improved communications and early warning.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001798	03	Trinity	Structural Project	Construct an emergency animal shelter that will house animals of all kinds and size for use during events where sheltering will be needed.	Walker	12030202	
03001799	03	Trinity	Construct bulkhead along Trinity River	Construct bulkhead along Trinity River to reduce flooding impacts to County Road 2231.	Liberty	12030202, 12030203, 12040202	
03001800	03	Trinity	Public Information and Awareness, Prevention	Rewrite, improve, and implement new local floodplain regulations, to include a public information campaign on regulatory awareness.	Walker	12030202	
03001801	03	Trinity	Education and Awareness	Develop-upgrade contact information database for first responders, volunteers, special needs, and medical special needs populations.	Hardin	12030202	120302021205
03001802	03	Trinity	Ben Davis Substation Flood Study and Equipment Upgrade	Flood Study and new control house	Rockwall, Collin, Dallas	12030105, 12030106	120301060402, 120301060402, 120301060406, 120301060407, 120301050105, 120301060402, 120301060403, 120301060406, 120301060407, 120301060408, 120301060409, 120301060501

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001798		Proposed		PDM Program, HMGP, HUD Disaster Recovery Initiative Program, FEMA-Emergency Management Planning Grants	No		More than a 1:4 cost-benefit ratio
03001799		Proposed		TxDOT, 406-Public Disaster Assistance (Following a local disaster), USACE-Clearing and Snagging Projects, USACE-Small FloodControl Projects, USACE-Planning Assistance to the States, PDM, HMGP	No		1:4 cost-benefit ratio
03001800		Proposed		HMGP, PDM, FMA	No		More than a 1:4 cost-benefit ratio
03001801	120302021205	Proposed		HMGP, GLO, PDM, local funding	No		Reduce loss of life; safety and protection for all of the population.
03001802	120301060402, 120301060402, 120301060406, 120301060407, 120301050105, 120301060402, 120301060403, 120301060406, 120301060407, 120301060408, 120301060409, 120301060501	Proposed		GP&L CIP Budget	No		Operations at the Ben Davis Substation will be better protected from a flood event, therefore keeping the community with power.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001803	03	Trinity	Education and Awareness	Coordinate and implement a natural hazards public awareness campaign among the jurisdictions. Efforts may include flood awareness presentations, shelter-in-place presentations, evacuation maps, floodplain maps, mitigation damages, flood control projects,	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107
03001804	03	Trinity	Improvement of the Town's 2008 Comprehensive Plan (Updated 2013)	The Little Elm Planning Department developed and implemented the Little Elm Comprehensive Plan in 2008. The plan addresses many components of Little Elm's future. Some of the items addressed in the Comprehensive Plan are Land Use, Development Patterns	Denton	12030103, 12030104, 12030105	
03001805	03	Trinity	Protect existing and new properties from the effects of all natural hazards.	Implement Hazard Mitigation Education Series to mitigate the impacts of each identified hazard.	Collin	12030103, 12030105, 12030106	
03001806	03	Trinity	Hire consultant to complete new inundation studies of all high and moderate hazard dams.	Identify all structures and infrastructures that would be impacted by a potential dam failure.	Denton	12030103, 12030104, 12030105	
03001807	03	Trinity	Education and Awareness	School districts and hospitals will implement a program to incorporate regulatory standards to protect open space flood-prone areas by preventing new developments in floodplains	Kaufman	12030105, 12030106, 12030107	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001803	120301010101, 120301010102, 120301010103, 120301010107	Proposed		HMGP, PDM, Local Funds, Other Federal Grants	No		Reduce damages to structures through mitigation education. Reduce risk of injury or loss of life to area residents.
03001804		Proposed		None listed	No		This system will help keep citizens informed of any emergencies that take place within the Town and local areas.
03001805		Proposed		None listed	No		Utilize quarterly newsletter to educate citizens on the potential for all natural hazards and encourage methods of safety and risk reduction. Program will include information about hazard mitigation for hazards identified in this plan
03001806		Proposed		HMPG, Watershed Authorities, Dam Sponsors, local sponsors, In-kind	No		Protect existing and new properties from the effects of all natural hazards.
03001807		Proposed		HMGP, Local Revenue	No		Reduce risk to properties throughout county from flood, reduce risk to residents in floodplain areas

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001808	03	Trinity	Public Information & Education	Turn Around Don't Drown Campaign. This is a campaign that would be aired through the mediato educate people on the dangers of driving through flood waters.	Cooke	12030103, 12030104	
03001809	03	Trinity	Local Plans and Regulations	Incorporate higher standards for hazard resistance in local application of the building code.	Van Zandt	12030107	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304
03001810	03	Trinity	Structure and Infrastructure	Identify flood prone and repetitive loss properties. Identify and implement actions to reduce or eliminate flooding at identified properties	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001808		Proposed		local budget	No		When working with planning team members from each jurisdiction all mitigation ideas t were reviewed to ensure cost effectiveness. The Benefit-Cost Analysis (BCA) tool was not used due to lack of cost estimate information. Only mitigation measures were li
03001809	120301070301, 120301070305, 120301070306, 120301070307, 120301070202, 120301070203, 120301070204, 120301070205, 120301070302, 120301070304	Proposed		Local Funds (staff time), State and Federal Grants	No		Reduce risk of damages to structures through improved construction techniques; Reduce recovery efforts for the community after an event.
03001810		Proposed		Local Fund, HMGP, other funding sources	No		Reduce flood damage to properties that have suffered repetitive flood damage and to improve the city's flood management program.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001811	03	Trinity	None	Increased Public Awareness prior to occurrences and during flooding.	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001812	03	Trinity	None	Purchase Back Up Power Generators for Critical Facilities	San Jacinto	12030202, 12030203	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103
03001813	03	Trinity	None	Utilization of French Drains	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03001814	03	Trinity	Natural Systems Protecetion	Add thick vegetation on public lands along river banks.	Dallas	12030102, 12030103, 12030104, 12030105, 12030106, 12030109	
03001815	03	Trinity	None	Acquire homes located in the flood plain.	Madison	12030202	

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001811	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001812	120302021104, 120302021105, 120302021106, 120302021201, 120302021207, 120302030101, 120302020807, 120302021101, 120302021103	Proposed		None listed	No		Social, technical, administrative, economic benefits
03001813	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To keep water moving away from building.
03001814		Proposed		Local Funds, State and Federal Grants	No		Reduce risk of erosion or scour due to flooding; Reduce damages to infrastructure including roadways, sidewalks, bridges, and culverts; Reduce demands on emergency response during high water events.
03001815		Proposed		General revenues	No		Saves lives and prevents future property damages.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001816	03	Trinity	None	Enhance public education to include the risks and mitigation actions for the identified hazards using social media, city website, and local newspaper	Parker	12030101, 12030102	
03001817	03	Trinity	Purchase and distribute NOAA All Hazard Radios to vulnerable households and businesses in the city.	Purchasing and distributing NOAA All Hazard Radios to vulnerable households and businesses in the city.	Denton	12030103, 12030104, 12030105	
03001818	03	Trinity	None	Retain thick vegetative cover on public lands flanking river	Grayson	12030103, 12030106	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704
03001819	03	Trinity	Education and Awareness	Implement education and awareness program utilizing media, social media, bulletins, flyers, etc. to educate citizens of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damages.	Montague	12030101, 12030103, 12030104	
03001820	03	Trinity	None	Expand the Fannin County CERT program.	Fannin	12030106	120301060101, 120301060103, 120301060105, 120301060102
03001821	03	Trinity	None	Purchase a backup generator to power Water Well Number5 (city's second main water well) during a power outage.	Grimes	12030202	120302020405, 120302020407, 120302020409, 120302020501, 120302020502

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001816		Proposed		General funds, mitigation grants	No		\$90,000
03001817		Proposed		Grant Funds, HMPG, PDM, Partial payment by receiving party, Local funds, in-kind, donations, citizen cost-share	No		To save lives and minimize injuries due to severe weather.
03001818	120301060104, 120301060105, 120301060201, 120301060202, 120301060204, 120301060301, 120301060302, 120301030201, 120301030202, 120301030203, 120301030204, 120301030205, 120301030206, 120301030304, 120301030701, 120301030702, 120301030704	Proposed		None listed	No		None listed
03001819		Proposed		Local Funds (staff time), State and Federal Grants	No		Promote hazard awareness and protect citizens from potential injuries and damages.
03001820	120301060101, 120301060103, 120301060105, 120301060102	Proposed		Budget	No		To increase disaster preparedness in the city.
03001821	120302020405, 120302020407, 120302020409, 120302020501, 120302020502	Proposed		Grants	No		Enhance safety of population by helping ensure continued power supplies in emergency situations.

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUC8s	HUC12s
03001822	03	Trinity	Education and Awareness	Implement education and awareness program utilizing classrooms, social media, bulletins, flyers, etc. to educate students, parents and area residents of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and proper	Archer	12030101	120301010101, 120301010102, 120301010103, 120301010107

TWDB-Required Table 2: Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	Watersheds	Project Status	Project Cost	Source of Funding	Dedicated Funding for Construction (Y/N)	Expected Year of Completion	Anticipated Benefit
03001822	120301010101, 120301010102, 120301010103, 120301010107	Proposed		Local Funds (staff time)	No		Promote hazard awareness and protect students, parents, and citizens from potential injuries and damages.

TWDB-Required Table 3: Existing Condition Flood Risk Summary

Existing Condition Flood Risk Summary Table

ID	RFPG No.	RFPG Name	County	1% Annual Chance Flood Risk									
				Area in Flood Planning Region (sqmi)	Area in Floodplain (sqmi)	Number of Structures in Floodplain	Residential Structures in Floodplain	Population (daytime)	Population (nighttime)	Population (Highest)	Roadway Stream Crossings (#)	Roadways Segments (miles)	Agricultural Areas (sqmi)
1	03	Trinity	Anderson	578.4	184.2	667	416	760	1,098	1,098	316	73.5	56.6
2	03	Trinity	Archer	107.5	23.7	1	0	2	5	5	33	7.9	11.0
3	03	Trinity	Chambers	141.7	94.2	2,452	1,807	5,065	3,193	5,065	83	53.2	14.4
4	03	Trinity	Clay	122.7	19.1	28	27	3	16	16	95	17.7	9.8
5	03	Trinity	Collin	830.6	170.9	2,842	2,401	11,593	7,641	11,593	921	146.0	53.5
6	03	Trinity	Cooke	605.0	122.3	1,328	964	998	1,528	1,528	438	81.5	64.0
7	03	Trinity	Dallas	905.2	211.7	22,226	20,522	105,915	102,122	105,915	2,168	792.2	49.5
8	03	Trinity	Denton	948.7	241.8	4,542	3,498	5,857	15,497	15,497	990	241.6	83.9
9	03	Trinity	Ellis	948.0	238.8	2,712	2,240	4,055	5,855	5,855	980	214.8	141.5
10	03	Trinity	Fannin	43.8	5.7	139	119	22	91	91	39	4.4	2.8
11	03	Trinity	Freestone	785.2	233.2	557	237	166	360	360	405	90.8	76.1
12	03	Trinity	Grayson	342.8	68.0	436	376	160	514	514	291	42.8	33.4
13	03	Trinity	Grimes	138.4	33.3	109	69	8	47	47	74	13.1	15.3
14	03	Trinity	Hardin	6.4	2.7	27	17	8	25	25	0	2.2	0.0
15	03	Trinity	Henderson	571.1	196.9	2,066	1,602	2,811	3,375	3,375	361	74.8	63.3
16	03	Trinity	Hill	320.6	59.0	127	83	47	93	93	236	24.1	39.1
17	03	Trinity	Hood	2.5	0.2	0	0	0	0	0	0	0.0	0.2
18	03	Trinity	Houston	813.9	245.8	737	440	268	611	611	336	110.3	125.2
19	03	Trinity	Hunt	29.5	6.2	27	16	1	7	7	32	3.9	3.4
20	03	Trinity	Jack	657.5	125.3	268	105	105	203	203	253	54.7	53.0
21	03	Trinity	Johnson	359.4	55.6	1,851	1,555	2,434	3,610	3,610	519	61.8	28.6
22	03	Trinity	Kaufman	763.8	254.6	2,086	1,672	1,447	3,820	3,820	630	148.4	138.2
23	03	Trinity	Leon	807.3	239.1	730	491	634	457	634	346	99.8	100.7
24	03	Trinity	Liberty	650.4	408.8	8,682	8,049	4,876	11,291	11,291	257	257.0	111.6
25	03	Trinity	Limestone	95.8	23.2	62	33	24	53	53	70	12.9	16.8
26	03	Trinity	Madison	400.5	130.7	409	345	138	278	278	188	58.5	70.8
27	03	Trinity	Montague	404.0	69.0	439	332	142	306	306	231	56.8	33.1
28	03	Trinity	Navarro	1,081.6	359.9	1,805	1,017	890	2,392	2,392	886	211.6	171.7
29	03	Trinity	Parker	473.5	71.4	1,953	1,485	4,344	3,576	4,344	343	60.8	40.0
30	03	Trinity	Polk	570.7	187.0	3,485	3,119	2,344	5,004	5,004	236	92.6	25.1
31	03	Trinity	Rockwall	115.8	34.5	411	371	690	1,183	1,183	123	33.8	7.0
32	03	Trinity	San Jacinto	307.5	135.0	2,637	2,505	1,768	2,715	2,715	136	82.7	17.7
33	03	Trinity	Tarrant	900.6	146.0	14,855	12,826	46,035	42,701	46,035	1,838	468.6	31.5
34	03	Trinity	Trinity	368.3	111.4	1,312	1,128	1,005	1,845	1,845	127	53.9	15.6
35	03	Trinity	Van Zandt	220.4	49.2	506	261	183	384	384	215	37.5	28.3
36	03	Trinity	Walker	403.0	128.8	1,654	1,480	2,613	2,795	2,795	245	58.7	45.0
37	03	Trinity	Wise	919.8	184.8	1,666	1,311	1,629	2,898	2,898	532	100.0	101.0
38	03	Trinity	Young	111.6	19.4	25	11	1	4	4	32	6.8	9.0
Total				17,853.5	4,891.7	85,859	72,930	209,041	227,593	241,489	15,005	3,952.0	1,887.7

TWDB-Required Table 3: Existing Condition Flood Risk Summary

Existing Cc

ID	0.2% Annual Chance Flood Risk											Area (sqmi)
	Critical Facilities (#)	Area in Floodplain (sq.mi.)	Number of Structures in Floodplain	Residential Structures in Floodplain	Population (daytime)	Population (nighttime)	Population (highest)	Roadway Stream Crossings (#)	Roadways Segments (miles)	Agricultural Areas (sq.mi.)	Critical Facilities (#)	
1	5	11.6	231	106	638	248	638	47	18.2	4.5	1	1.7
2	0	2.3	3	1	0	0	0	2	2.0	1.4	0	0.4
3	9	12.8	2,160	1,646	2,232	3,630	3,630	22	39.3	3.7	17	0.9
4	0	1.9	6	5	0	2	2	8	3.1	1.3	0	0.0
5	16	11.5	2,402	1,779	26,399	9,443	26,399	94	67.9	5.3	10	2.1
6	4	11.4	589	332	3,637	1,127	3,637	76	20.8	8.0	1	8.0
7	89	24.8	17,473	10,674	240,566	52,158	240,566	365	740.5	3.9	170	21.2
8	20	23.5	4,279	2,558	42,249	15,831	42,249	204	194.9	13.6	41	23.4
9	5	23.2	1,730	946	7,326	4,096	7,326	79	59.3	16.7	26	11.6
10	0	0.5	61	29	77	32	77	4	1.3	0.3	0	0.5
11	3	15.3	212	80	261	241	261	40	19.8	7.5	0	2.6
12	2	7.2	219	174	204	346	346	39	11.2	5.4	3	1.4
13	0	2.9	68	21	13	49	49	7	3.4	1.8	0	0.2
14	0	0.7	21	18	9	29	29	0	1.2	0.0	0	0.0
15	9	14.0	487	243	1,131	505	1,131	36	18.0	7.6	6	0.8
16	0	8.4	57	29	107	41	107	18	8.6	6.6	0	0.5
17	0	0.0	0	0	0	0	0	0	0.0	0.0	0	0.2
18	1	18.1	327	137	972	373	972	42	18.4	9.6	4	0.2
19	0	0.2	0	0	0	0	0	32	0.3	0.1	0	0.0
20	0	13.9	100	28	142	51	142	32	13.1	7.6	0	0.5
21	7	7.7	1,004	607	5,563	2,767	5,563	61	19.6	4.9	5	1.8
22	2	17.1	1,203	663	6,832	1,996	6,832	67	38.5	12.1	10	2.9
23	4	18.9	166	92	157	143	157	31	17.2	10.2	2	0.0
24	31	50.1	5,643	4,084	15,472	9,113	15,472	44	99.8	23.1	56	0.3
25	0	2.4	45	19	242	166	242	9	4.0	2.0	1	0.7
26	1	9.8	282	171	615	285	615	36	13.9	6.7	6	0.9
27	0	7.8	63	35	159	117	159	42	10.2	5.1	0	0.0
28	2	30.7	945	492	3,570	1,139	3,570	53	54.3	22.8	9	6.1
29	11	8.8	815	443	5,574	1,537	5,574	52	21.5	5.7	6	1.4
30	21	14.4	1,230	773	2,194	1,454	2,194	26	28.3	3.2	10	1.6
31	2	1.6	199	109	3,400	604	3,400	17	5.2	0.9	1	0.0
32	10	9.6	644	536	484	864	864	17	20.5	2.5	3	0.7
33	66	23.1	11,100	8,606	63,409	38,869	63,409	291	302.7	5.8	74	13.0
34	10	10.4	319	203	243	319	319	17	9.4	2.1	1	0.2
35	1	4.7	184	92	148	145	148	24	10.9	3.4	0	0.1
36	5	8.9	472	242	4,723	1,424	4,723	23	10.4	2.6	6	0.0
37	6	21.5	838	479	4,004	926	4,004	88	30.3	14.4	5	0.8
38	0	2.2	4	2	0	2	2	5	1.7	1.4	0	0.0
	342	454.0	55,581	36,454	442,752	150,072	444,808	2,050	1,939.7	233.6	474	106.7

TWDB-Required Table 3: Existing Condition Flood Risk Summary

Existing Cc

ID	Possible Flood Prone Areas							Average SVI of features in floodplain or flood prone areas
	Number of Structures in Flood Prone Areas	Residential Structures in Flood Prone Areas	Population (highest)	Roadway Stream Crossings (#)	Roadways Segments (miles)	Agricultural Areas (sq.mi.)	Critical Facilities (#)	
1	15	4	8	0	1.3	0.0	0	0.39
2	2	0	0	0	2.0	0.0	0	0.44
3	423	388	1,082	0	4.1	0.0	0	0.33
4	0	0	0	0	0.0	0.0	0	0.21
5	245	110	3,301	0	6.5	0.0	0	0.21
6	67	15	87	0	0.3	0.0	1	0.30
7	9,053	6,726	272,520	0	211.7	0.0	110	0.56
8	3,324	2,690	15,180	0	76.6	0.1	27	0.25
9	62	15	117	0	8.6	0.0	1	0.40
10	13	2	73	0	1.0	0.0	0	0.35
11	45	7	11	0	0.5	0.0	0	0.55
12	14	11	23	0	1.6	0.0	0	0.28
13	1	0	0	0	0.3	0.0	0	0.45
14	0	0	0	0	1.3	0.0	0	0.53
15	10	3	23	0	1.2	0.0	0	0.47
16	10	4	10	0	0.4	0.0	0	0.63
17	0	0	0	0	0.0	0.0	0	0.13
18	0	0	0	0	0.0	0.0	0	0.45
19	5	3	7	0	2.0	0.0	0	0.38
20	1	0	0	0	0.1	0.0	0	0.34
21	174	10	204	0	1.3	0.0	0	0.37
22	68	30	151	0	0.9	0.0	1	0.46
23	0	0	0	0	0.0	0.0	0	0.60
24	38	32	89	0	0.2	0.0	0	0.57
25	3	2	0	0	1.9	0.0	0	0.54
26	11	7	7	0	0.0	0.0	0	0.41
27	0	0	0	0	0.0	0.0	0	0.34
28	36	14	58	0	1.9	0.0	0	0.37
29	33	9	230	0	0.0	0.0	1	0.28
30	0	0	0	0	2.4	0.0	0	0.54
31	1	0	0	0	0.0	0.0	0	0.12
32	6	4	15	0	0.0	0.0	0	0.54
33	3,176	2,548	26,656	1	64.3	0.0	24	0.36
34	1	0	0	0	0.0	0.0	0	0.55
35	0	0	0	0	0.2	0.0	0	0.35
36	0	0	0	0	0.0	0.0	0	0.40
37	2	2	6	0	0.0	0.0	0	0.31
38	0	0	0	0	0.4	0.0	0	0.48
	16,839	12,636	319858	1	393.2	0.1	165	

Future Condition Flood Risk Summary Table

ID	RFPG No.	RFPG Name	County	Area in Flood Planning Region (sq.mi.)	1% Annual Chance Flood Risk							
					Area in Floodplain (sq.mi.)	Number of Structures in Floodplain	Residential Structures in Floodplain	Population (Highest)	Roadway Stream Crossings (#)	Roadways Segments (miles)	Agricultural Areas (sqmi)	Critical Facilities (#)
1	03	Trinity	Anderson	578.4	195.8	898	522	1,736	361	91.7	61.1	6
2	03	Trinity	Archer	107.5	26.0	4	1	5	35	9.9	12.4	0
3	03	Trinity	Chambers	141.7	107.0	4,612	3,453	8,695	101	92.6	18.1	24
4	03	Trinity	Clay	122.7	21.0	34	32	18	102	20.9	11.1	0
5	03	Trinity	Collin	830.6	182.3	5,244	4,180	37,992	1,028	213.9	58.8	28
6	03	Trinity	Cooke	605	133.7	1,917	1,296	5,165	503	102.2	72.0	6
7	03	Trinity	Dallas	905.2	236.5	39,699	31,196	346,481	2,549	1,532.7	53.4	262
8	03	Trinity	Denton	948.7	265.3	8,821	6,056	57,746	1,210	436.5	97.4	67
9	03	Trinity	Ellis	948	262.0	4,442	3,186	13,181	1,068	274.1	158.3	33
10	03	Trinity	Fannin	43.8	6.2	200	148	168	41	5.7	3.1	0
11	03	Trinity	Freestone	785.2	248.5	769	317	621	448	110.6	83.6	4
12	03	Trinity	Grayson	342.8	75.3	655	550	860	322	54.0	38.8	5
13	03	Trinity	Grimes	138.4	36.3	177	90	96	81	16.5	17.1	0
14	03	Trinity	Hardin	6.4	3.5	48	35	54	0	3.4	0.1	0
15	03	Trinity	Henderson	571.1	210.9	2,553	1,845	4,506	397	92.8	70.9	17
16	03	Trinity	Hill	320.6	67.4	184	112	200	245	32.8	45.6	0
17	03	Trinity	Hood	2.5	0.3	0	0	0	0	0.0	0.2	0
18	03	Trinity	Houston	813.9	263.9	1,064	577	1,583	383	128.7	134.8	6
19	03	Trinity	Hunt	29.5	6.4	27	16	7	33	4.2	3.5	0
20	03	Trinity	Jack	657.5	139.2	368	133	345	288	67.8	60.5	0
21	03	Trinity	Johnson	359.4	63.4	2,855	2,162	9,173	566	81.4	33.4	16
22	03	Trinity	Kaufman	763.8	271.7	3,289	2,335	10,652	691	186.9	150.4	9
23	03	Trinity	Leon	807.3	258.0	896	583	791	384	117.0	110.9	7
24	03	Trinity	Liberty	650.4	458.9	14,325	12,133	26,763	300	356.9	134.7	89
25	03	Trinity	Limestone	95.8	25.6	107	52	295	82	16.9	18.8	1
26	03	Trinity	Madison	400.5	140.5	691	516	893	217	72.4	77.5	6
27	03	Trinity	Montague	404	76.8	502	367	465	272	67.1	38.2	0
28	03	Trinity	Navarro	1081.6	390.5	2,750	1,509	5,962	931	265.9	194.5	14
29	03	Trinity	Parker	473.5	80.2	2,768	1,928	9,918	403	82.3	45.6	23
30	03	Trinity	Polk	570.7	201.4	4,715	3,892	7,198	269	120.8	28.3	33
31	03	Trinity	Rockwall	115.8	36.1	610	480	4,583	141	39.0	7.9	4
32	03	Trinity	San Jacinto	307.5	144.6	3,281	3,041	3,579	149	103.2	20.3	13
33	03	Trinity	Tarrant	900.6	169.1	25,955	21,432	109,444	2,111	771.4	37.3	143
34	03	Trinity	Trinity	368.3	121.9	1,631	1,331	2,164	145	63.3	17.7	11
35	03	Trinity	Van Zandt	220.4	53.9	690	353	532	242	48.5	31.6	1
36	03	Trinity	Walker	403	137.7	2,126	1,722	7,518	265	69.1	47.6	11
37	03	Trinity	Wise	919.8	206.3	2,504	1,790	6,902	625	130.3	115.3	13
38	03	Trinity	Young	111.6	21.6	29	13	6	36	8.5	10.4	0
Total				17,853.5	5,345.8	141,440	109,384	686,297	17,024	5,891.7	2,121.3	852

TWDB-Required Table 5: Future Condition Flood Risk Summary

Future Cor

ID	0.2% Annual Chance Flood Risk										
	Area in Floodplain (sq.mi.)	Number of Structures in Floodplain	Residential Structures in Floodplain	Population (Day)	Population (Night)	Population (highest)	Roadway Stream Crossings (#)	Roadways Segments (miles)	Agricultural Areas (sqmi)	Critical Facilities (#)	Area (sq.mi.)
1	35.9	900	485	4,704	3,839	4,704	252	84.1	36.0	1	2.7
2	5.9	4	0	0	0	0	35	7.8	4.0	0	17.7
3	6.5	2,175	1,589	2,596	4,800	4,800	54	76.6	6.5	9	0.9
4	6.5	29	9	4	11	11	65	13.8	4.4	0	0.0
5	32.0	7,437	6,752	24,933	30,669	30,669	735	177.0	14.8	10	2.2
6	27.9	865	571	1,395	1,131	1,395	444	89.0	19.9	2	8.9
7	20.8	15,282	13,640	60,594	72,603	72,603	332	175.8	3.7	27	21.2
8	48.1	6,379	5,172	24,346	21,075	24,346	568	235.0	26.6	26	23.4
9	50.7	4,677	3,937	11,129	12,093	12,093	609	268.5	33.4	9	11.6
10	1.9	128	100	109	147	147	34	8.7	1.3	0	5.5
11	47.8	707	342	1,041	1,186	1,186	234	99.9	47.8	3	2.9
12	18.5	656	596	433	1,200	1,200	301	90.6	13.0	0	7.2
14	0.6	15	12	5	16	16	0	0.9	0.0	0	7.1
15	34.5	2,948	2,050	3,788	4,797	4,797	1	88.8	34.5	12	1.0
16	18.1	202	97	88	154	154	245	79.8	18.1	0	3.6
17	0.1	0	0	0	0	0	166	0.1	0.1	0	3.6
18	53.1	745	342	474	729	729	1	85.1	53.1	5	0.2
19	1.9	27	16	6	25	25	247	6.0	1.4	0	6.6
20	38.2	214	82	132	229	229	37	62.3	19.3	0	0.5
21	19.0	2,294	1,871	4,223	5,024	5,024	255	110.0	11.6	4	6.1
22	38.3	4,114	3,360	7,602	10,775	10,775	400	185.5	38.3	8	3.0
23	51.4	635	20	466	429	466	595	91.1	51.4	5	0.0
24	29.0	2,830	2,034	6,845	5,616	6,845	203	188.8	29.1	10	1.9
25	5.9	111	50	318	144	318	117	20.2	5.9	0	5.9
26	24.9	497	285	480	549	549	60	75.1	24.9	2	0.9
28	59.5	2,162	1,517	4,023	3,593	4,023	474	238.7	59.4	5	6.2
29	26.7	2,708	1,953	4,318	6,217	6,217	364	88.9	15.6	14	4.3
30	38.0	1,860	1,447	1,999	2,675	2,675	145	82.0	38.0	4	2.4
31	4.9	1,264	1,137	2,482	4,290	4,290	155	25.5	2.6	3	0.2
32	17.9	1,017	882	711	1,104	1,104	93	44.6	17.9	4	1.6
33	26.9	18,330	16,874	53,062	72,274	72,274	433	195.3	8.1	30	13.1
34	26.4	603	395	418	691	691	106	32.7	26.4	2	0.2
35	13.2	695	371	790	588	790	224	55.3	13.2	3	0.2
36	24.5	900	682	4,159	2,946	4,159	149	42.7	24.5	2	0.0
37	50.6	1,478	1,105	3,246	2,297	3,246	569	116.4	30.7	4	0.8
38	6.0	17	8	1	7	7	59	12.4	3.6	0	0.2
	943.8	85,410	70,067	231,084	274,376	283,010	9,025	3,311.4	758.9	204	176.9

TWDB-Required Table 5: Future Condition Flood Risk Summary

Future Cor

ID	Possible Flood Prone Areas									
	Number of Structures in Flood Prone Area	Residential Structures in Flood Prone Area	Population (Day)10	Population (Night)11	Population (highest)	Roadway Stream Crossings (#)	Roadways Segments (miles)	Agricultural Areas (sq.mi.)	Critical Facilities (#)	Average SVI of features in floodplain or flood prone areas
1	15	4	3	8	8	0	1.3	0.0	0	0.39
2	2	0	0	0	0	0	2.0	0.0	0	0.44
3	423	388	328	1,082	1,082	0	4.1	0.0	0	0.36
4	0	0	0	0	0	0	0.0	0.0	0	0.32
5	245	110	3,301	1,536	3,301	0	6.5	0.0	0	0.21
6	67	15	87	72	87	0	0.3	0.0	1	0.30
7	9,053	6,726	272,520	59,433	272,520	0	211.7	0.0	107	0.55
8	3,324	2,690	15,180	12,511	15,180	0	76.6	0.1	26	0.25
9	62	15	59	117	117	0	8.6	0.0	1	0.38
10	13	2	73	10	73	0	1.0	0.0	0	0.33
11	45	7	5	11	11	0	0.5	0.0	0	0.55
12	14	11	7	23	23	0	1.6	0.0	0	0.28
13	1	0	0	0	0	0	0.3	0.0	1	0.42
14	0	0	0	0	0	0	1.3	0.0	0	0.54
15	10	3	19	23	23	0	1.2	0.0	0	0.46
16	10	4	3	10	10	0	0.4	0.0	0	0.62
17	0	0	0	0	0	0	0.0	0.0	0	0.13
18	0	0	0	0	0	0	0.0	0.0	0	0.45
19	5	3	2	7	7	0	2.0	0.0	0	0.38
20	1	0	0	0	0	0	0.1	0.0	0	0.34
21	174	10	56	204	204	0	1.3	0.0	0	0.38
22	68	30	151	71	151	0	0.9	0.0	1	0.45
23	0	0	0	0	0	0	0.0	0.0	0	0.60
24	38	32	89	72	89	0	0.2	0.0	0	0.57
25	3	2	0	0	0	0	1.9	0.0	0	0.54
26	11	7	6	7	7	0	0.0	0.0	0	0.40
27	0	0	0	0	0	0	0.0	0.0	0	0.36
28	36	14	58	58	58	0	1.9	0.0	0	0.66
29	33	9	230	20	230	0	0.0	0.0	1	0.26
30	0	0	0	0	0	0	2.4	0.0	0	0.58
31	1	0	0	0	0	0	0.0	0.0	0	0.13
32	6	4	7	15	15	0	0.0	0.0	0	0.56
33	3,146	2,548	26,656	11,708	26,656	1	64.3	0.0	22	0.33
34	1	0	0	0	0	0	0.0	0.0	0	0.55
35	0	0	0	0	0	0	0.2	0.0	0	0.35
36	0	0	0	0	0	0	0.0	0.0	0	0.40
37	2	2	2	6	6	0	0.0	0.0	0	0.34
38	0	0	0	0	0	0	0.4	0.0	0	0.48
	16,809	12,636	318,842	87,004	319,858	1	393.2	0.1	160	

TWDB-Required Table 6 Existing Floodplain Management Practices
(incorporates survey responses as of September 16, 2021)

Entity ¹	Floodplain management regulations (Yes/ No/ Unknown)	Adopted minimum regulations pursuant to Texas Water Code Section 16.3145? (Yes/ No)	NFIP Participant (Yes/ No)	Higher Standards Adopted (Yes/ No)	Floodplain Management Practices (Strong/Moderate/Low/None)	Level of enforcement of practices (High/ Moderate/ Low/ None) ^{2,3}	Existing Stormwater or Drainage Fee (Yes/No)	Web Link to entity regulations ²
Addison	Yes	Yes	Yes	Yes	Low	Unknown	Yes	TWDB provided PDF
Aledo	Yes	Yes	Yes	Yes	Moderate	Moderate Activity	No	
Allen	Yes	Yes	Yes	Yes	Moderate	Moderate Activity	Yes	https://library.municode.com/tx/allen/codes/land_development_code?nodeId=LADECO_ARTVSPZO_S5.01FLHA
Alvarado	Yes	Yes	Yes	No	Low	Unknown	No	https://library.municode.com/tx/alvarado/codes/code_of_ordinances?nodeId=COOR_CH18FLHARE
Ames	Yes	Yes	Yes	No	Low	Unknown	No	No ordinance found
Anahuac	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Anderson County	Yes	Yes	Yes	Yes	Low	Low Activity	No	
Anna	Yes	Yes	Yes	Yes	Moderate	Moderate Activity	No	
Annetta	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Annetta South	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Archer County	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Argyle	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Arlington	Yes	Yes	Yes	Yes	Strong	High Activity	Yes	https://p1cdn4static.civiclive.com/UserFiles/Servers/Server_14481062/File/City%20Hall/Depts/City%20Secretary/City_Code_of_Ordinances/FLOODChapter.pdf
Athens	Yes	Yes	Yes	Yes	Moderate	Low Activity	No	https://library.municode.com/tx/athens/codes/code_of_ordinances?nodeId=PTIICOOR_CH5BUST_ARTXIFLDAPR
Aubrey	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Aurora	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Azle	Yes	Yes	Yes	Yes	Low	Unknown	Yes	https://cityofazle.org/DocumentCenter/View/48/Subdivision-Ordinance?bidId=
Balch Springs	Yes	Yes	Yes	Yes	Low	Moderate Activity	No	https://library.municode.com/tx/balch_springs/codes/code_of_ordinances?nodeId=PTIICOOR_CH34FL
Bardwell	Yes	Yes	Yes	Yes	Low	I do not know	No	
Barry	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Bartonville	Yes	Yes	Yes	Yes	Low	Unknown	No	
Baytown	Yes	Yes	Yes	Yes	Low	Unknown	Yes	TWDB provided PDF
Beach City	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Bedford	Yes	Yes	Yes	Yes	Moderate	Low Activity	Yes	https://library.municode.com/tx/bedford/codes/code_of_ordinances
Benbrook	Yes	Yes	Yes	Yes	Strong	Moderate Activity	Yes	
Blooming Grove	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Blue Mound	Yes	Yes	Yes	Yes	Low	Unknown	No	
Blue Ridge	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Bowie	Yes	Yes	Yes	Yes	None	None	No	https://library.municode.com/tx/bowie/codes/code_of_ordinances?nodeId=CH3BUCA_ART3.1100FLDAPR
Boyd	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Briar Oaks	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Bridgeport	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Buffalo	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Burleson	Yes	Yes	Yes	Yes	Strong	High Activity	No	https://library.municode.com/tx/burleson/codes/code_of_ordinances?nodeId=PTIICOOR_CH42FL_ARTIIFLDA PR
Callisburg	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Caney City	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Canton	Yes	Yes	Yes	Yes	Moderate	Moderate Activity	No	
Carrollton	Yes	Yes	Yes	Yes	Strong	Unknown	No	

TWDB-Required Table 6 Existing Floodplain Management Practices
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Cedar Hill	Yes	Yes	Yes	Yes	Low	Unknown	No	
Celina	Yes	Yes	Yes	Yes	Strong	High Activity	Yes	https://www.celina-tx.gov/868/City-Ordinances
Centerville	Yes	Yes	Yes	Yes	Low	I do not know	No	
Chambers County	Yes	Yes	Yes	Yes	Low	Unknown	No	
Chico	Yes	Yes	Yes	Yes	Low	Unknown	No	
Clay County	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Cockrell Hill	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Coldspring	Yes	Yes	Yes	No	Low	Unknown	No	No ordinance found
Colleyville	Yes	Yes	Yes	Yes	Low	Unknown	Yes	
Collin County	Yes	Yes	Yes	Yes	Low	Unknown	No	
Collinsville	Yes	Yes	Yes	Yes	Low	Unknown	No	
Cooke County	Yes	Yes	Yes	Yes	Low	Moderate Activity	No	
Coolidge	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Coppell	Yes	Yes	Yes	Yes	Strong	High Activity	Yes	https://www.coppelltx.gov/442/Floodplain-Information
Copper Canyon	Yes	Yes	Yes	Yes	Low	Unknown	No	
Corinth	Yes	Yes	Yes	Yes	Strong	High Activity	Yes	https://library.municode.com/tx/corinth , https://www.cityofcorinth.com/engineering/page/resources-and-documents
Corsicana	Yes	Yes	Yes	Yes	Strong	High Activity	No	
Cottonwood	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Cove	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Crandall	Yes	Yes	Yes	No	Low	Unknown	No	No ordinance found
Cresson	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Crockett	Yes	Yes	Yes	Yes	Low	Moderate Activity	No	https://library.municode.com/tx/crockett/codes/code_of_ordinances?nodeId=PTIICOOR_CH8FLDAPR
Cross Roads	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Cross Timber	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Crowley	Yes	Yes	Yes	Yes	Low	Unknown	Yes	
Dallas	Yes	Yes	Yes	Yes	Strong	Moderate Activity	Yes	
Dallas County	Yes	Yes	Yes	Yes	Moderate	Moderate Activity	No	https://www.dallascounty.org/Assets/uploads/docs/public-works/Floodplain-Management-Regulations-of-Dallas-County-Court-Order2019-0322.pdf
Dalworthington Gardens	Yes	Yes	Yes	Yes	Low	Unknown	No	
Dawson	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Dayton	Yes	Yes	Yes	Yes	Low	Unknown	No	
Dayton Lakes	Yes	Yes	Yes	No	Low	Unknown	No	No ordinance found
Decatur	Yes	Yes	Yes	Yes	Strong	High Activity	No	https://library.municode.com/tx/decatur/codes/code_of_ordinances?nodeId=PTICOOR_APXCDEST
Denton	Yes	Yes	Yes	Yes	Strong	Unknown	Yes	
Denton County	Yes	Yes	Yes	Yes	Strong	Moderate Activity	No	
DeSoto	Yes	Yes	Yes	Yes	Low	Unknown	Yes	
Devers	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
DISH	Yes	Yes	Yes	Yes	Low	Moderate Activity	No	
Double Oak	Yes	Yes	Yes	Yes	Low	Unknown	No	
Duncanville	Yes	Yes	Yes	Yes	Strong	Unknown	Yes	
Edgecliff Village	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Elkhart	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Ellis County	Yes	Yes	Yes	Yes	Low	Unknown	No	
Enchanted Oaks	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Ennis	Yes	Yes	Yes	Yes	Low	Unknown	No	
Euless	Yes	Yes	Yes	Yes	Low	Unknown	No	

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Eustace	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Everman	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Fairfield	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Fairview	Yes	Yes	Yes	Yes	Low	Unknown	Yes	
Fannin County	Yes	Yes	Yes	Yes	None	None	No	
Farmers Branch	Yes	Yes	Yes	Yes	Low	Unknown	No	
Farmersville	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Fate	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Ferris	Yes	Yes	Yes	Yes	Low	Low Activity	No	TWDB provided PDF
Flower Mound	Yes	Yes	Yes	Yes	Strong	Unknown	Yes	
Forest Hill	Yes	Yes	Yes	Yes	Strong	High Activity	Yes	
Forney	Yes	Yes	Yes	Yes	Low	Unknown	No	https://www.forneytx.gov/AgendaCenter/ViewFile/Item/6037?fileID=7819
Fort Worth	Yes	Yes	Yes	Yes	Strong	Moderate Activity	Yes	https://codelibrary.amlegal.com/codes/ftworth/latest/ftworth_tx/0-0-0-10704
Freestone County	Yes	Yes	Yes	No	Low	Unknown	No	
Frisco	Yes	Yes	Yes	Yes	Low	Unknown	Yes	
Frost	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Gainesville	Yes	Yes	Yes	Yes	Low	Unknown	Yes	
Garland	Yes	Yes	Yes	Yes	Strong	High Activity	Yes	https://z2.franklinlegal.net/franklin/Z2Browser2.html?showset=garlandgdcset
Glenn Heights	Yes	Yes	Yes	No	Low	Moderate Activity	Yes	TWDB provided PDF
Goodrich	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Grand Prairie	Yes	Yes	Yes	Yes	Strong	Unknown	Yes	
Grandview	Yes	Yes	Yes	No	Low	Unknown	No	No ordinance found
Grapeland	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Grapevine	Yes	Yes	Yes	Yes	Strong	High Activity	Yes	
Grayson County	Yes	Yes	Yes	Yes	Low	Unknown	No	
Grimes County	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Groveton	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Gun Barrel City	Yes	Yes	Yes	Yes	Low	Unknown	No	
Gunter	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Hackberry	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Haltom City	Yes	Yes	Yes	Yes	Strong	Unknown	Yes	
Hardin	Yes	Yes	Yes	Yes	Low	I do not know	No	
Hardin County	Yes	Yes	Yes	Yes	Low	I do not know	No	TWDB provided PDF
Haslet	Yes	Yes	Yes	Yes	Low	Unknown	No	
Heath	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Henderson County	Yes	Yes	Yes	Yes	Strong	High Activity	No	https://www.henderson-county.com/home/showpublisheddocument/244/635155509307430000
Hickory Creek	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Highland Park	Yes	Yes	Yes	Yes	Low	Unknown	Yes	
Highland Village	Yes	Yes	Yes	Yes	Low	Unknown	Yes	
Hill County	Yes	Yes	Yes	Yes	Low	Unknown	No	
Hood County	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Houston County	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Howe	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Hubbard	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Hudson Oaks	Yes	Yes	Yes	No	Low	Unknown	Yes	TWDB provided PDF
Hunt County	Yes	Yes	Yes	Yes	Low	Unknown	No	
Huntsville	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Hurst	Yes	Yes	Yes	Yes	Strong	Low Activity	Yes	https://library.municode.com/tx/hurst/codes/code_of_ordinances?nodeId=PTIICO_CH9FLHAPR

TWDB-Required Table 6 Existing Floodplain Management Practices
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Hutchins	Yes	Yes	Yes	Yes	Low	Unknown	No	
Irving	Yes	Yes	Yes	Yes	Low	Unknown	Yes	
Italy	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Itasca	Yes	Yes	Yes	Yes	Low	Unknown	No	
Jack County	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Jacksboro	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Jewett	Yes	Yes	Yes	Yes	Low	Low Activity	No	
Johnson County	Yes	Yes	Yes	Yes	Moderate	Moderate Activity	No	
Joshua	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Justin	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Kaufman	Yes	Yes	Yes	Yes	Low	Unknown	No	
Kaufman County	Yes	Yes	Yes	Yes	Moderate	Moderate Activity	No	
Keene	Yes	Yes	Yes	Yes	Low	High Activity	Yes	https://codelibrary.amlegal.com/codes/keene/latest/keene_tx/0-0-0-5751
Keller	Yes	Yes	Yes	Yes	Low	High Activity	Yes	
Kemp	Yes	Yes	Yes	Yes	Low	I do not know	No	
Kenefick	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Kennedale	Yes	Yes	Yes	Yes	Low	Unknown	Yes	
Kerens	Yes	Yes	Yes	Yes	Low	Low Activity	No	
Krugerville	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Krum	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Lake Bridgeport	Yes	Yes	Yes	Yes	None	None	No	
Lake Dallas	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Lake Worth	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Lakeside	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Lakewood Village	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Lancaster	Yes	Yes	Yes	Yes	Moderate	Moderate Activity	Yes	
Lavon	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Leon County	Yes	Yes	Yes	Yes	Low	Low Activity	No	
Leonard	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Lewisville	Yes	Yes	Yes	Yes	Strong	Unknown	Yes	
Liberty	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Liberty County	Yes	Yes	Yes	Yes	Low	I do not know	No	https://www.co.liberty.tx.us/upload/page/4898/Liberty%20County%20Flood%20Prevention%20Ordinance.pdf
Limestone County	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Lindsay	Yes	Yes	Yes	Yes	Strong	High Activity	No	
Little Elm	Yes	Yes	Yes	Yes	Low	I do not know	Yes	https://library.municode.com/tx/little_elm/ordinances/code_of_ordinances?nodeId=467431
Livingston	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Log Cabin	Yes	Yes	Yes	Yes	Low	Unknown	No	
Lovelady	Yes	Yes	Yes	Yes	Low	I do not know	No	
Lowry Crossing	Yes	Yes	Yes	Yes	Moderate	Moderate Activity	No	http://www.lowrycrossingtexas.org/wp-content/uploads/2016/11/Ord-208-FEMA-Flood-Plain-Update-to-2009-Maps.pdf
Lucas	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Mabank	Yes	Yes	Yes	Yes	Low	Unknown	No	
Madison County	Yes	Yes	Yes	Yes	Low	Low Activity	No	
Madisonville	Yes	Yes	Yes	Yes	Low	Low Activity	No	
Malakoff	Yes	Yes	Yes	Yes	Low	Unknown	No	
Malone	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Mansfield	Yes	Yes	Yes	Yes	Moderate	Moderate Activity	Yes	https://codelibrary.amlegal.com/codes/mansfieldtx/latest/mansfield_tx/0-0-0-25067
Maypearl	Yes	Yes	Yes	Yes	None	None	No	

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McKinney	Yes	Yes	Yes	Yes	Strong	High Activity	Yes	https://library.municode.com/tx/mckinney/codes/code_of_ordinances?nodeId=SPBDERE_CH130LADERE_ARTIVSTMA_DIV5FLGU_S130-382GEFLRE
McLendon-Chisholm	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Melissa	Yes	Yes	Yes	Yes	Low	Unknown	No	
Mertens	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Mesquite	Yes	Yes	Yes	Yes	Moderate	Moderate Activity	Yes	
Mexia	Yes	Yes	Yes	No	Low	Unknown	Yes	TWDB provided PDF
Midlothian	Yes	Yes	Yes	Yes	Low	Unknown	No	
Mildred	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Milford	Yes	Yes	Yes	No	Low	Unknown	No	No ordinance found
Mont Belvieu	Yes	Yes	Yes	Yes	Strong	High Activity	No	https://library.municode.com/tx/mont_belvieu/codes/code_of_ordinances?nodeId=COOR_CH10BUBURE_ARTIIIFLMA_DIV3FLHARE
Montague County	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Muenster	Yes	Yes	Yes	No	Low	Unknown	No	
Murphy	Yes	Yes	Yes	No	Low	Unknown	Yes	TWDB provided PDF
Navarro County	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
New Fairview	Yes	Yes	Yes	No	Low	Unknown	No	No ordinance found
New Hope	Yes	Yes	Yes	Yes	Low	I do not know	No	
Normangee	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
North Richland Hills	Yes	Yes	Yes	Yes	Strong	Unknown	Yes	
Northlake	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Oak Leaf	Yes	Yes	Yes	Yes	Strong	High Activity	No	
Oak Point	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Oak Ridge (Cooke County)	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Oak Ridge (Kaufman County)	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Oakwood	Yes	Yes	Yes	Yes	None	None	No	
Old River-Winfree	Yes	Yes	Yes	No	Low	Unknown	No	No ordinance found
Onalaska	Yes	Yes	Yes	Yes	Moderate	Moderate Activity	No	
Ovilla	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Palestine	Yes	Yes	Yes	Yes	Low	Unknown	No	
Palmer	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Pantego	Yes	Yes	Yes	Yes	Low	Unknown	No	
Paradise	Yes	Yes	Yes	Yes	Low	Unknown	No	
Parker	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Parker County	Yes	Yes	Yes	Yes	Low	Unknown	No	
Payne Springs	Yes	Yes	Yes	Yes	None	None	No	
Pecan Hill	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Pelican Bay	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Pilot Point	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Plano	Yes	Yes	Yes	Yes	Strong	High Activity	Yes	
Point Blank	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Polk County	Yes	Yes	Yes	Yes	Moderate	Moderate Activity	No	TWDB provided PDF
Ponder	Yes	Yes	Yes	Yes	Low	Unknown	No	https://www.pondertx.com/sites/default/files/fileattachments/town_council/page/2435/code_of_ordinance_s.pdf
Powell	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Princeton	Yes	Yes	Yes	Yes	Low	Unknown	Yes	TWDB provided PDF
Prosper	Yes	Yes	Yes	Yes	Low	Unknown	Yes	TWDB provided PDF
Red Oak	Yes	Yes	Yes	Yes	Moderate	Moderate Activity	Yes	https://www.redoaktx.org/470/Development-Services
Reno	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Retreat	No	No	No	No	None	I do not know	No	No ordinance found

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Rhomb	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Rice	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Richardson	Yes	Yes	Yes	Yes	Strong	Unknown	Yes	
Richland	Yes	Yes	Yes	Yes	None	None	No	
Richland Hills	Yes	Yes	Yes	Yes	Strong	Moderate Activity	Yes	https://library.municode.com/tx/richland_hills/codes/code_of_ordinances?nodeId=PTIICOOR_CH42FL
River Oaks	Yes	Yes	Yes	Yes	Moderate	Moderate Activity	Yes	
Riverside	Yes	Yes	Yes	No	Low	Unknown	No	No ordinance found
Roanoke	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Rockwall	Yes	Yes	Yes	Yes	Low	Unknown	No	
Rockwall County	Yes	Yes	Yes	Yes	Low	Unknown	No	
Rowlett	Yes	Yes	Yes	Yes	Low	Unknown	Yes	
Runaway Bay	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Sachse	Yes	Yes	Yes	Yes	Strong	High Activity	Yes	https://z2.franklinlegal.net/franklin/Z2Browser2.html?showset=sachseset
Saginaw	Yes	Yes	Yes	Yes	Strong	High Activity	Yes	
San Jacinto County	Yes	Yes	Yes	Yes	Low	Unknown	No	
Sanctuary	Yes	Yes	Yes	No	Low	Unknown	No	No ordinance found
Sanger	Yes	Yes	Yes	Yes	Strong	High Activity	No	https://z2codes.franklinlegal.net/franklin/Z2Browser2.html?showset=sangerset&collection=sanger&doccode=z2Code_z20000831
Sansom Park	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Scurry	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Seagoville	Yes	Yes	Yes	Yes	Low	Unknown	No	
Seven Points	Yes	Yes	Yes	Yes	Low	Unknown	No	
Shady Shores	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Shepherd	Yes	Yes	Yes	Yes	Low	Low Activity	No	http://nebula.wsimg.com/f52cac7993bb7eab6ed0ab61d2382782?AccessKeyId=96000D971390805088E3&disposition=0&alloworigin=1
Southlake	Yes	Yes	Yes	Yes	Low	High Activity	Yes	
Springtown	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
St. Jo	Yes	Yes	Yes	No	Low	Unknown	No	No ordinance found
St. Paul	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Star Harbor	Yes	Yes	Yes	Yes	Low	Unknown	No	
Streetman	No	No	No	No	None	None	No	No ordinance found
Sunnyvale	Yes	Yes	Yes	Yes	Low	High Activity	No	www.townofsunnyvale.org
Tarrant County	Yes	Yes	Yes	Yes	Low	Unknown	No	
Teague	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Terrell	Yes	Yes	Yes	Yes	Low	Unknown	Yes	
The Colony	Yes	Yes	Yes	Yes	Low	Unknown	Yes	
Tioga	Yes	Yes	Yes	Yes	Low	I do not know	No	
Tool	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Trenton	Yes	Yes	Yes	No	Low	Unknown	No	No ordinance found
Trinidad	Yes	Yes	Yes	Yes	Low	Unknown	No	
Trinity	Yes	Yes	Yes	Yes	Low	I do not know	No	
Trinity County	Yes	Yes	Yes	No	Low	Unknown	No	
Trophy Club	Yes	Yes	Yes	Yes	Low	Unknown	Yes	TWDB provided PDF
University Park	Yes	Yes	Yes	Yes	Low	Unknown	Yes	
Valley View	Yes	Yes	Yes	Yes	Low	I do not know	No	
Van Alstyne	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Van Zandt County	Yes	Yes	Yes	Yes	Low	Unknown	No	
Venus	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Walker County	Yes	Yes	Yes	Yes	Moderate	Moderate Activity	No	

TWDB-Required Table 6 Existing Floodplain Management Practices
(incorporates survey responses as of September 16, 2021)

Entity ¹	Floodplain management regulations (Yes/ No/ Unknown)	Adopted minimum regulations pursuant to Texas Water Code Section 16.3145? (Yes/ No)	NFIP Participant (Yes/ No)	Higher Standards Adopted (Yes/ No)	Floodplain Management Practices (Strong/Moderate/Low/None)	Level of enforcement of practices (High/ Moderate/ Low/ None) ^{2,3}	Existing Stormwater or Drainage Fee (Yes/No)	Web Link to entity regulations ²
Watauga	Yes	Yes	Yes	No	Low	Unknown	Yes	TWDB provided PDF
Waxahachie	Yes	Yes	Yes	Yes	Strong	High Activity	No	https://library.municode.com/tx/waxahachie/codes/code_of_ordinances?nodeId=COOR_APXBFLDAPR
Weatherford	Yes	Yes	Yes	Yes	Low	Unknown	Yes	
Westlake	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Weston	Yes	Yes	Yes	No	Low	Low Activity	No	TWDB provided PDF
Westover Hills	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Westworth Village	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
White Settlement	Yes	Yes	Yes	Yes	Low	Unknown	Yes	TWDB provided PDF
Whitewright	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Willow Park	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Wills Point	Yes	Yes	Yes	Yes	Low	Unknown	No	TWDB provided PDF
Wilmer	Yes	Yes	Yes	Yes	Low	I do not know	No	
Wise County	Yes	Yes	Yes	Yes	Low	Unknown	No	
Wortham	Yes	Yes	Yes	No	Low	Unknown	No	TWDB provided PDF
Wylie	Yes	Yes	Yes	Yes	Moderate	Moderate Activity	No	https://library.municode.com/tx/wylie/codes/code_of_ordinances?nodeId=PTIICOOR_CH50FL
Young County	Yes	Yes	Yes	Yes	Moderate	Moderate Activity	No	http://www.co.young.tx.us/upload/page/2091/docs/Policies/Flood_Damage_Prevention_Ordinance_-_Amended_November_24x_2008.pdf
Alma	No	No	No	No	None	Unknown	No	No ordinance found
Alvord	No	No	No	No	None	Unknown	No	No ordinance found
Angus	No	No	No	No	None	Unknown	No	No ordinance found
Annetta North	Yes	Yes	No	No	Low	Unknown	No	https://annetanorth.com/assets/files/ord/2018-2.pdf
Bedias	No	No	No	No	None	Unknown	No	No ordinance found
Bynum	No	No	No	No	None	Unknown	No	No ordinance found
Carl's Corner	No	No	No	No	None	Unknown	No	No ordinance found
Combine	No	No	No	No	None	None	No	No ordinance found; https://www.combine.tx.com/Documents%20Center/Permits%20and%20Ordinance/Sup%203%20code%20for%20website.pdf
Coyote Flats	No	No	No	No	None	Unknown	No	No ordinance found
Dorchester	No	No	No	No	None	Unknown	No	No ordinance found
Draper	No	No	No	No	None	Unknown	No	No ordinance found
Emhouse	No	No	No	No	None	Unknown	No	No ordinance found
Eureka	No	No	No	No	None	Unknown	No	No ordinance found
Garrett	No	No	No	No	None	None	No	https://cityofgarrett.com/ordinances
Goodlow	No	No	No	No	None	Unknown	No	No ordinance found
Grays Prairie	No	No	No	No	None	Unknown	No	No ordinance found
Hebron	No	No	No	No	None	Unknown	No	No ordinance found
Iola	No	No	No	No	None	I do not know	No	No ordinance found
Kirvin	No	No	No	No	None	Unknown	No	No ordinance found
Latexo	No	No	No	No	None	Unknown	No	No ordinance found
Leona	No	No	No	No	None	Unknown	No	No ordinance found
Midway	No	No	No	No	None	Unknown	No	No ordinance found
Mobile City	No	No	No	No	None	Unknown	No	No ordinance found
Mustang	No	No	No	No	None	Unknown	No	No ordinance found
Navarro	Yes	Yes	No	Yes	Moderate	Unknown	No	Navarro-County-HazMAP-5-29-15-website-version (cityofcorsicana.com)
Nevada	No	No	No	No	None	Unknown	No	No ordinance found
Newark	Yes	Yes	No	Yes	Low	Low Activity	No	https://z2codes.franklinlegal.net/franklin/Z2Browser2.html?showset=newarkset

TWDB-Required Table 6 Existing Floodplain Management Practices
(incorporates survey responses as of September 16, 2021)

Entity ¹	Floodplain management regulations (Yes/ No/ Unknown)	Adopted minimum regulations pursuant to Texas Water Code Section 16.3145? (Yes/ No)	NFIP Participant (Yes/ No)	Higher Standards Adopted (Yes/ No)	Floodplain Management Practices (Strong/Moderate/Low/None)	Level of enforcement of practices (High/ Moderate/ Low/ None) ^{2,3}	Existing Stormwater or Drainage Fee (Yes/No)	Web Link to entity regulations ²
Oak Grove	No	No	No	No	None	Unknown	No	No ordinance found
Oak Valley	No	No	No	No	None	Unknown	No	No ordinance found
Penelope	No	No	No	No	None	Unknown	No	No ordinance found
Post Oak Bend	No	No	No	No	None	Unknown	No	No ordinance found
Providence Village	No	No	No	No	None	Unknown	No	No ordinance found
Road Runner	No	No	No	No	None	Unknown	No	No ordinance found
Rosser	No	No	No	No	None	Low Activity	No	No ordinance found
Seven Oaks	No	No	No	No	None	None	No	https://polkcountyoe.com/graphics/content/PolkCountyMitigationPlan_1-31-2019_Adopted.pdf
Talty	Yes	Yes	No	Yes	Moderate	Unknown	No	http://www.taltytexas.com/page/ordinances_(2009-009_Ordinance_for_flood_damage_prevention)
Tehuacana	No	No	No	No	None	Unknown	No	No ordinance found
Tom Bean	Yes	Yes	No	No	Low	Unknown	No	Ordinances – City of Tom Bean (tombeantx.gov) https://tombeantx.gov/search-results/?ss360Query=%22flood%20plain%22
Whitesboro	Yes	Yes	No	Yes	Moderate	Unknown	No	https://codelibrary.amlegal.com/codes/whitesboro/latest/whitesboro_tx/0-0-0-5743
Notes:								
¹ At a minimum, the RFPs must list all counties, cities and communities in the region with flood related authority in the region and identify whether entity they have any established floodplain management practices.								
² RFPs are not required to provide information for these fields and may choose to leave these fields blank.								
³ "Unknown" in Level of Enforcement indicates that the community did not respond to the survey question.								

TWDB-Required Table 11: Goals

Goal ID	RFPG No.	RFPG Name	Goal	Term of Goal	Target Year	Applicable To	Residual Risk	How will the Goal be Measured	Overarching Goal	Associated Goal IDs	RFPG Goal Statement
03000001	03	Trinity	Increase the number of communities with flood warning programs that can detect flood threats and provide timely warning of impending flood danger.	Short Term (10 year)	2033	Entire RFPG	Drivers may choose to ignore flood warning signs or barricaded roads for a variety of reasons.	Initiated	Goal 1: Improving Flood Warning & Public Safety	03000002	1A
03000002	03	Trinity	Increase the number of communities with flood warning programs that can detect flood threats and provide timely warning of impending flood danger.	Long Term (30 year)	2053	Entire RFPG	Drivers may choose to ignore flood warning signs or barricaded roads for a variety of reasons.	Maintained	Goal 1: Improving Flood Warning & Public Safety	03000001	1A
03000003	03	Trinity	Improve safety at low water crossings by adding warning systems/signage or improving low water crossings in high-risk areas.	Short Term (10 year)	2033	Entire RFPG	Drivers may choose to ignore flood warning signs or barricaded roads for a variety of reasons.	100 total crossings	Goal 1: Improving Flood Warning & Public Safety	03000004	1B
03000004	03	Trinity	Improve safety at low water crossings by adding warning systems/signage or improving low water crossings in high-risk areas.	Long Term (30 year)	2053	Entire RFPG	Drivers may choose to ignore flood warning signs or barricaded roads for a variety of reasons.	300 total crossings	Goal 1: Improving Flood Warning & Public Safety	03000003	1B
03000005	03	Trinity	Increase the availability of flood hazard data that uses the best available land use and precipitation data to reduce gaps in floodplain mapping.	Short Term (10 year)	2033	Entire RFPG	Due to the change and updates to terrain, land use, precipitation, and other data, the risk associated with the floodplains may change over time.	25% gap reduction	Goal 2: Improving Flood Analyses	03000006	2A
03000006	03	Trinity	Increase the availability of flood hazard data that uses the best available land use and precipitation data to reduce gaps in floodplain mapping.	Long Term (30 year)	2053	Entire RFPG	Due to the change and updates to terrain, land use, precipitation, and other data, the risk associated with the floodplains may change over time.	95% gap reduction	Goal 2: Improving Flood Analyses	03000005	2A
03000007	03	Trinity	Increase the number of entities that conduct detailed studies of localized/urban flooding impacts within the Trinity Region.	Short Term (10 year)	2033	Entire RFPG	Due to the change and updates to terrain, land use, precipitation, and other data, the risk associated with the floodplains may change over time.	Establish a baseline measurement	Goal 2: Improving Flood Analyses	03000008	2B
03000008	03	Trinity	Increase the number of entities that conduct detailed studies of localized/urban flooding impacts within the Trinity Region.	Long Term (30 year)	2053	Entire RFPG	Due to the change and updates to terrain, land use, precipitation, and other data, the risk associated with the floodplains may change over time.	30%	Goal 2: Improving Flood Analyses	03000007	2B
03000009	03	Trinity	Increase the number of communities that utilize latest and most appropriate precipitation and land use data as a basis for design criteria and flood prevention regulations.	Short Term (10 year)	2033	Entire RFPG	Due to the change and updates to terrain, land use, precipitation, and other data, the risk associated with the floodplains may change over time.	Establish a baseline measurement	Goal 2: Improving Flood Analyses	03000010	2C
03000010	03	Trinity	Increase the number of communities that utilize latest and most appropriate precipitation and land use data as a basis for design criteria and flood prevention regulations.	Long Term (30 year)	2053	Entire RFPG	Due to the change and updates to terrain, land use, precipitation, and other data, the risk associated with the floodplains may change over time.	30%	Goal 2: Improving Flood Analyses	03000009	2C
03000011	03	Trinity	Increase the number of entities that have floodplain standards that meet or exceed the NFIP-minimum standards.	Short Term (10 year)	2033	Entire RFPG	Getting every community within the Trinity Region to adopt and enforce NFIP minimum standards, let alone higher standards, may prove to be challenging. The lack of local enforcement of floodplain regulations also creates risk.	5 new cities/towns	Goal 3: Reducing Property Damage & Loss	03000012	3A
03000012	03	Trinity	Increase the number of entities that have floodplain standards that meet or exceed the NFIP-minimum standards.	Long Term (30 year)	2053	Entire RFPG	Getting every community within the Trinity Region to adopt and enforce NFIP minimum standards, let alone higher standards, may prove to be challenging. The lack of local enforcement of floodplain regulations also creates risk.	25 additional cities/towns	Goal 3: Reducing Property Damage & Loss	03000011	3A
03000013	03	Trinity	Reduce the number of structures within the 1% floodplain (i.e. through structural projects, property buyouts, acquisitions, elevations, and/or relocations).	Short Term (10 year)	2033	Entire RFPG	Getting every community within the Trinity Region to adopt and enforce NFIP minimum standards, let alone higher standards, may prove to be challenging. The lack of local enforcement of floodplain regulations also creates risk.	5%	Goal 3: Reducing Property Damage & Loss	03000014	3B

TWDB-Required Table 11: Goals

Goal ID	RFPG No.	RFPG Name	Goal	Term of Goal	Target Year	Applicable To	Residual Risk	How will the Goal be Measured	Overarching Goal	Associated Goal IDs	RFPG Goal Statement
03000014	03	Trinity	Reduce the number of structures within the 1% floodplain (i.e. through structural projects, property buyouts, acquisitions, elevations, and/or relocations).	Long Term (30 year)	2053	Entire RFPG	Getting every community within the Trinity Region to adopt and enforce NFIP minimum standards, let alone higher standards, may prove to be challenging. The lack of local enforcement of floodplain regulations also creates risk.	10%	Goal 3: Reducing Property Damage & Loss	03000013	3B
03000015	03	Trinity	Reduce the vulnerability of agriculture, ranching and forestry to flood-related losses.	Short Term (10 year)	2033	Entire RFPG	Getting every community within the Trinity Region to adopt and enforce NFIP minimum standards, let alone higher standards, may prove to be challenging. The lack of local enforcement of floodplain regulations also creates risk.	Establish a baseline measurement	Goal 3: Reducing Property Damage & Loss	03000016	3C
03000016	03	Trinity	Reduce the vulnerability of agriculture, ranching and forestry to flood-related losses.	Long Term (30 year)	2053	Entire RFPG	Getting every community within the Trinity Region to adopt and enforce NFIP minimum standards, let alone higher standards, may prove to be challenging. The lack of local enforcement of floodplain regulations also creates risk.	30%	Goal 3: Reducing Property Damage & Loss	03000015	3C
03000017	03	Trinity	Reduce the number of critical facilities within the 1% floodplain	Short Term (10 year)	2033	Entire RFPG	Getting every community within the Trinity Region to adopt and enforce NFIP minimum standards, let alone higher standards, may prove to be challenging. The lack of local enforcement of floodplain regulations also creates risk.	5%	Goal 3: Reducing Property Damage & Loss	03000018	3D
03000018	03	Trinity	Reduce the number of critical facilities within the 1% floodplain	Long Term (30 year)	2053	Entire RFPG	Getting every community within the Trinity Region to adopt and enforce NFIP minimum standards, let alone higher standards, may prove to be challenging. The lack of local enforcement of floodplain regulations also creates risk.	10%	Goal 3: Reducing Property Damage & Loss	03000017	3D
03000019	03	Trinity	When relocation and/or elevation adjustment is not possible, increase the number of non-residential facilities that implement floodproofing	Short Term (10 year)	2033	Entire RFPG	Getting every community within the Trinity Region to adopt and enforce NFIP minimum standards, let alone higher standards, may prove to be challenging. The lack of local enforcement of floodplain regulations also creates risk.	5%	Goal 3: Reducing Property Damage & Loss	03000020	3E
03000020	03	Trinity	When relocation and/or elevation adjustment is not possible, increase the number of non-residential facilities that implement floodproofing	Long Term (30 year)	2053	Entire RFPG	Getting every community within the Trinity Region to adopt and enforce NFIP minimum standards, let alone higher standards, may prove to be challenging. The lack of local enforcement of floodplain regulations also creates risk.	25%	Goal 3: Reducing Property Damage & Loss	03000019	3E
03000021	03	Trinity	Increase the acreage of publicly protected natural areas for flood and ecosystem purposes to reduce future impacts of flooding.	Short Term (10 year)	2033	Entire RFPG	Residual risk depends on people stepping back and allowing space for flooding to remain in natural areas.	Establish a baseline measurement	Goal 4: Floodplain Preservation	03000022	4A
03000022	03	Trinity	Increase the acreage of publicly protected natural areas for flood and ecosystem purposes to reduce future impacts of flooding.	Long Term (30 year)	2053	Entire RFPG	Residual risk depends on people stepping back and allowing space for flooding to remain in natural areas.	10%	Goal 4: Floodplain Preservation	03000021	4A
03000023	03	Trinity	Increase the number of entities that include the 1% annual chance floodplain on Future Land Use plans and other planning documents	Short Term (10 year)	2033	Entire RFPG	Residual risk depends on people stepping back and allowing space for flooding to remain in natural areas.	20 new entities	Goal 4: Floodplain Preservation	03000024	4B
03000024	03	Trinity	Increase the number of entities that include the 1% annual chance floodplain on Future Land Use plans and other planning documents	Long Term (30 year)	2053	Entire RFPG	Residual risk depends on people stepping back and allowing space for flooding to remain in natural areas.	50 new entities	Goal 4: Floodplain Preservation	03000023	4B
03000025	03	Trinity	Avoid new exposure to flood hazards by adopting comprehensive plans or subdivision regulations that direct development away from the floodplain.	Short Term (10 year)	2033	Entire RFPG	Residual risk depends on people stepping back and allowing space for flooding to remain in natural areas.	Establish a baseline measurement	Goal 4: Floodplain Preservation	03000026	4C
03000026	03	Trinity	Avoid new exposure to flood hazards by adopting comprehensive plans or subdivision regulations that direct development away from the floodplain.	Long Term (30 year)	2053	Entire RFPG	Residual risk depends on people stepping back and allowing space for flooding to remain in natural areas.	10%	Goal 4: Floodplain Preservation	03000026	4C
03000027	03	Trinity	Increase the number of nature-based practices as part of flood risk reduction projects.	Short Term (10 year)	2033	Entire RFPG	If any storm that exceeds the design capacity was to occur, the infrastructure will still be at risk.	Establish a baseline measurement	Goal 5: Flood Infrastructure Improvement	03000028	5A

TWDB-Required Table 11: Goals

Goal ID	RFPG No.	RFPG Name	Goal	Term of Goal	Target Year	Applicable To	Residual Risk	How will the Goal be Measured	Overarching Goal	Associated Goal IDs	RFPG Goal Statement
03000028	03	Trinity	Increase the number of nature-based practices as part of flood risk reduction projects.	Long Term (30 year)	2053	Entire RFPG	If any storm that exceeds the design capacity was to occur, the infrastructure will still be at risk.	30%	Goal 5: Flood Infrastructure Improvement	03000027	5A
03000029	03	Trinity	Improve flood infrastructure and maintain streams and drainage channels to reduce flood risk to agricultural lands.	Short Term (10 year)	2033	Entire RFPG	If any storm that exceeds the design capacity was to occur, the infrastructure will still be at risk.	Establish a baseline measurement	Goal 5: Flood Infrastructure Improvement	03000030	5B
03000030	03	Trinity	Improve flood infrastructure and maintain streams and drainage channels to reduce flood risk to agricultural lands.	Long Term (30 year)	2053	Entire RFPG	If any storm that exceeds the design capacity was to occur, the infrastructure will still be at risk.	10%	Goal 5: Flood Infrastructure Improvement	03000029	5B
03000031	03	Trinity	Improve urban drainage infrastructure to minimize flood risk	Short Term (10 year)	2033	Entire RFPG	If any storm that exceeds the design capacity was to occur, the infrastructure will still be at risk.	50 miles	Goal 5: Flood Infrastructure Improvement	03000032	5C
03000032	03	Trinity	Improve urban drainage infrastructure to minimize flood risk	Long Term (30 year)	2053	Entire RFPG	If any storm that exceeds the design capacity was to occur, the infrastructure will still be at risk.	500 miles	Goal 5: Flood Infrastructure Improvement	03000031	5C
03000033	03	Trinity	Perform regular inspections and maintain existing dams, levees, and other flood mitigation structures	Short Term (10 year)	2033	Entire RFPG	If any storm that exceeds the design capacity was to occur, the infrastructure will still be at risk.	Establish a baseline measurement	Goal 5: Flood Infrastructure Improvement	03000034	5D
03000034	03	Trinity	Perform regular inspections and maintain existing dams, levees, and other flood mitigation structures	Long Term (30 year)	2053	Entire RFPG	If any storm that exceeds the design capacity was to occur, the infrastructure will still be at risk.	10%	Goal 5: Flood Infrastructure Improvement	03000033	5D
03000035	03	Trinity	Improve the participation of community stakeholder entities in the regional flood planning process.	Short Term (10 year)	2033	Entire RFPG	The primary risks associated with public education and outreach are misunderstandings and lack of attention.	35%	Goal 6: Expanding Flood Education & Outreach	03000036	6A
03000036	03	Trinity	Improve the participation of community stakeholder entities in the regional flood planning process.	Long Term (30 year)	2053	Entire RFPG	The primary risks associated with public education and outreach are misunderstandings and lack of attention.	90%	Goal 6: Expanding Flood Education & Outreach	03000035	6A
03000037	03	Trinity	Increase the number of local entities that host annual public outreach and education activities to improve awareness of flood hazards, benefits of flood planning, and procedures associated with emergency response associated with flooding.	Short Term (10 year)	2033	Entire RFPG	The primary risks associated with public education and outreach are misunderstandings and lack of attention.	Establish a baseline measurement	Goal 6: Expanding Flood Education & Outreach	03000038	6B
03000038	03	Trinity	Increase the number of local entities that host annual public outreach and education activities to improve awareness of flood hazards, benefits of flood planning, and procedures associated with emergency response associated with flooding.	Long Term (30 year)	2053	Entire RFPG	The primary risks associated with public education and outreach are misunderstandings and lack of attention.	50 total	Goal 6: Expanding Flood Education & Outreach	03000037	6B
03000039	03	Trinity	Increase the number of communities that work cooperatively as part of an overall floodplain management program.	Short Term (10 year)	2033	Entire RFPG	The primary risks associated with public education and outreach are misunderstandings and lack of attention.	5 total	Goal 6: Expanding Flood Education & Outreach	03000040	6C
03000040	03	Trinity	Increase the number of communities that work cooperatively as part of an overall floodplain management program.	Long Term (30 year)	2053	Entire RFPG	The primary risks associated with public education and outreach are misunderstandings and lack of attention.	25 total	Goal 6: Expanding Flood Education & Outreach	03000041	6C
03000041	03	Trinity	Increase communities with dedicated stormwater funding mechanisms.	Short Term (10 year)	2033	Entire RFPG	Lack of funding for maintenance may result in unanticipated infrastructure failure that costs much more to repair than had it been maintained.	10%	Goal 7: Expand Funding	03000042	7A
03000042	03	Trinity	Increase communities with dedicated stormwater funding mechanisms.	Long Term (30 year)	2053	Entire RFPG	Lack of funding for maintenance may result in unanticipated infrastructure failure that costs much more to repair than had it been maintained.	30%	Goal 7: Expand Funding	03000041	7A

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
031000001	Archer County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Archer	12060201, 12030101, 11130209, 11130206, 12060101	120402030105, 120302030307, 120402030106, 120402030200, 120302030306, 120302030304	South Fork Trinity River-West Fork Trinity River, Prickly Pear Branch-West Fork Trinity River, Dead Horse Creek-Brushy Creek, Flat Creek-West Fork Trinity River	Watershed Planning	922.67	Riverine
031000002	Anderson County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Anderson	12030201, 12030105, 12020001			Watershed Planning	1,073.46	Riverine
031000003	Chambers County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Chambers	12030203, 12040203, 12040204, 12040201, 12040202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Cow Island Bayou, Turtle Bayou, Lynchburg Canal-Old River, Lost River-Old River	Watershed Planning	629.71	Riverine
031000004	Clay County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Clay	12030101, 11130209, 11130102, 11130206, 11130201	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Crooked Creek, Flat Creek-West Fork Trinity River, Lodge Creek, Turkey Creek, Jones Creek, Prairie Branch, South Creek-Big Sandy Creek	Watershed Planning	1,107.64	Riverine
031000005	Collin County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Collin	12030106, 12030103, 12030105, 12010001	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Crooked Creek, Flat Creek-West Fork Trinity River, Lodge Creek, Turkey Creek, Jones Creek, Prairie Branch, South Creek-Big Sandy Creek	Watershed Planning	883.19	Riverine
031000006	Cooke County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Cooke	12030103, 12030104, 11130210, 11130201	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Crooked Creek, Flat Creek-West Fork Trinity River, Lodge Creek, Turkey Creek, Jones Creek, Prairie Branch, South Creek-Big Sandy Creek	Watershed Planning	893.01	Riverine
031000007	Denton County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Denton	12030103, 12030104, 12030105	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Crooked Creek, Flat Creek-West Fork Trinity River, Lodge Creek, Turkey Creek, Jones Creek, Prairie Branch, South Creek-Big Sandy Creek	Watershed Planning	948.44	Riverine
031000008	Ellis County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Ellis	12030109, 12030102, 12030105, 12030108	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Crooked Creek, Flat Creek-West Fork Trinity River, Lodge Creek, Turkey Creek, Jones Creek, Prairie Branch, South Creek-Big Sandy Creek	Watershed Planning	947.79	Riverine

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

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031000001	Archer County	Archer County	N	\$1,254,000		1	0	5	0	0		7.90	4,393.65		
031000002	Anderson County	Anderson County	N	\$1,500,000		667	416	1,408	6	6		73.34	36,103.84		
031000003	Chambers County	Chambers County	N	\$874,000		2,225	1,698	7,117	26	0		53.15	4,747.46		
031000004	Clay County	Clay County	N	\$1,470,000		28	27	16	0	0		17.72	4,620.75		
031000005	Collin County	Collin County	N	\$1,041,000		2,842	2,401	17,576	26	55		145.78	34,153.61		
031000006	Cooke County	Cooke County	N	\$1,133,000		1,328	964	2,077	6	32		81.36	40,870.18		
031000007	Denton County	Denton County	N	\$1,140,000		4,675	3,634	18,656	89	97		245.07	53,344.36		
031000008	Ellis County	Ellis County	N	\$1,182,000		2,712	2,240	8,472	32	57		214.41	90,231.04		

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
03100009	Fannin County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Fannin	12030106, 11140101, 11140301, 11140102	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning	896.79	Riverine
03100010	Freestone County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Freestone	12030201, 12070103, 12030105, 12030108	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning	888.14	Riverine
03100011	Grayson County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Grayson	12030106, 11140101, 12030103, 11130210	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning	976.48	Riverine
03100012	Grimes County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Grimes	12070103, 12040101, 12070101, 12040102, 12030202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Simes Creek-Bedias Creek, North Bedias Creek-Bedias Creek, Rocky Creek-Bedias Creek, Pine Creek-South Bedias Creek, Sulphur Creek-South Bedias Creek	Watershed Planning	798.66	Riverine
03100013	Henderson County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Henderson	12030201, 12030107, 12030105, 12020001	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Simes Creek-Bedias Creek, North Bedias Creek-Bedias Creek, Rocky Creek-Bedias Creek, Pine Creek-South Bedias Creek, Sulphur Creek-South Bedias Creek	Watershed Planning	944.75	Riverine
03100014	Hill County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Hill	12030109, 12070103, 12030108, 12060202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Simes Creek-Bedias Creek, North Bedias Creek-Bedias Creek, Rocky Creek-Bedias Creek, Pine Creek-South Bedias Creek, Sulphur Creek-South Bedias Creek	Watershed Planning	981.71	Riverine

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost (2020 \$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road segment closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
031000009	Fannin County	Fannin County	N	\$1,183,000		139	119	93	0	0		4.40	1,782.81		
031000010	Freestone County	Freestone County	N	\$1,201,000		557	237	389	3	2		90.63	48,504.25		
031000011	Grayson County	Grayson County	N	\$1,228,000		436	376	541	5	1		42.70	21,311.84		
031000012	Grimes County	Grimes County	N	\$1,334,000		109	69	49	0	0		13.04	9,748.66		
031000013	Henderson County	Henderson County	N	\$1,295,000		2,066	1,602	5,064	15	11		74.63	40,351.02		
031000014	Hill County	Hill County	N	\$1,272,000		127	83	109	0	1		24.10	24,894.73		

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
031000015	Hood County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Hood	12060201, 12030102, 12060202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	South Bear Creek	Watershed Planning	438.61	Riverine
031000016	Houston County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Houston	12020002, 12030201, 12020001, 12030202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	South Bear Creek	Watershed Planning	1,231.75	Riverine
031000017	Hunt County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Hunt	12030106, 11140301, 12030107, 12010003, 12010001	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Bear Creek-Indian Creek, Arnold Creek, High Point Creek	Watershed Planning	879.19	Riverine
031000018	Jack County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Jack	12060201, 12030101	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Bear Creek-Indian Creek, Arnold Creek, High Point Creek	Watershed Planning	917.33	Riverine
031000019	Johnson County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Johnson	12030109, 12060201, 12030102, 12060202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Bear Creek-Indian Creek, Arnold Creek, High Point Creek	Watershed Planning	730.85	Riverine
031000020	Kaufman County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Kaufman	12030106, 12030107, 12030105, 12010001	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Bear Creek-Indian Creek, Arnold Creek, High Point Creek	Watershed Planning	804.43	Riverine

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost (2020 \$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road segment closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
031000015	Hood County	Hood County	N	\$539,000		0	0	0	0	0		0.00	136.89		
031000016	Houston County	Houston County	N	\$1,809,000		290	192	321	5	18		110.11	12,612.35		
031000017	Hunt County	Hunt County	N	\$1,064,000		27	16	7	0	0		3.92	2,148.95		
031000018	Jack County	Jack County	N	\$1,122,000		268	105	231	0	6		54.58	33,805.24		
031000019	Johnson County	Johnson County	N	\$977,000		1,839	1,544	4,877	12	372		61.68	13,054.41		
031000020	Kaufman County	Kaufman County	N	\$985,000		2,086	1,672	4,193	13	16		148.13	88,118.05		

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
03100021	Leon County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Leon	12030201, 12070103, 12030202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Bear Creek-Indian Creek, Arnold Creek, High Point Creek	Watershed Planning	1,075.85	Riverine
03100022	Liberty County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Liberty	12040103, 12030203, 12040203, 12040201, 12040202, 12020007, 12030202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Bear Creek-Indian Creek, Arnold Creek, High Point Creek	Watershed Planning	1,169.45	Riverine
03100023	Limestone County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Limestone	12030201, 12070103, 12070101, 12030108, 12060202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	North Fork Pin Oak Creek, Munger Branch, Elm Creek, Alligator Creek-Pin Oak Creek, Elm Creek-Tehuacana Creek, Cedar Creek	Watershed Planning	928.88	Riverine
03100024	Madison County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Madison	12070103, 12030202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	North Fork Pin Oak Creek, Munger Branch, Elm Creek, Alligator Creek-Pin Oak Creek, Elm Creek-Tehuacana Creek, Cedar Creek	Watershed Planning	469.95	Riverine
03100025	Montague County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Montague	12030103, 12030104, 12030101, 11130209, 11130201	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	North Fork Pin Oak Creek, Munger Branch, Elm Creek, Alligator Creek-Pin Oak Creek, Elm Creek-Tehuacana Creek, Cedar Creek	Watershed Planning	933.20	Riverine
03100026	Navarro County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Navarro	12030109, 12030201, 12030107, 12030105, 12030108	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	North Fork Pin Oak Creek, Munger Branch, Elm Creek, Alligator Creek-Pin Oak Creek, Elm Creek-Tehuacana Creek, Cedar Creek	Watershed Planning	1,081.28	Riverine

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031000021	Leon County	Leon County	N	\$1,503,000		50	43	40	6	5		99.56	2,040.32		
031000022	Liberty County	Liberty County	N	\$1,214,000		8,682	8,049	12,221	87	6		256.55	48,897.01		
031000023	Limestone County	Limestone County	N	\$1,272,000		62	33	53	1	3		12.88	10,683.74		
031000024	Madison County	Madison County	N	\$724,000		409	345	327	7	1		58.40	45,093.89		
031000025	Montague County	Montague County	N	\$1,203,000		37	12	19	0	3		56.77	3,015.10		
031000026	Navarro County	Navarro County	N	\$1,482,000		1,759	995	2,576	11	64		211.14	106,570.30		

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FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
03100027	Parker County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Parker	12060201, 12030101, 12030102	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	North Fork Pin Oak Creek, Munger Branch, Elm Creek, Alligator Creek-Pin Oak Creek, Elm Creek-Tehuacana Creek, Cedar Creek	Watershed Planning	902.80	Riverine
03100028	Polk County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Polk	12020002, 12020006, 12020007, 12030202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	North Fork Pin Oak Creek, Munger Branch, Elm Creek, Alligator Creek-Pin Oak Creek, Elm Creek-Tehuacana Creek, Cedar Creek	Watershed Planning	1,105.57	Riverine
03100029	Rockwall County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Rockwall	12030106, 12030107, 12010001	120301060409, 120301060402, 120301060502, 120301060401, 120100010301, 120301070101, 120301060403, 120301070102, 120100010302	Cottonwood Creek-East Fork Trinity River, Muddy Creek-Lake Ray Hubbard, Camp Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Long Branch-Buffalo Creek, Upper Big Brushy Creek, High Point Creek	Watershed Planning	148.04	Riverine
03100030	San Jacinto County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	San Jacinto	12040103, 12030203, 12030202	120301060409, 120301060402, 120301060502, 120301060401, 120100010301, 120301070101, 120301060403, 120301070102, 120100010302	West Carolina Creek-Lake Livingston, Palmetto Creek, Pools Creek-Lake Livingston, McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Huffman Creek-Trinity River, Little Creek-Big Creek, Big Creek-Trinity River, Nevill Bayou	Watershed Planning	625.52	Riverine
03100031	Trinity County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Trinity	12020002, 12030202	120301060409, 120301060402, 120301060502, 120301060401, 120100010301, 120301070101, 120301060403, 120301070102, 120100010302	West Carolina Creek-Lake Livingston, Palmetto Creek, Pools Creek-Lake Livingston, McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Huffman Creek-Trinity River, Little Creek-Big Creek, Big Creek-Trinity River, Nevill Bayou	Watershed Planning	709.83	Riverine
03100032	Van Zandt County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Van Zandt	12030107, 12020001, 12010001	120301060409, 120301060402, 120301060502, 120301060401, 120100010301, 120301070101, 120301060403, 120301070102, 120100010302	West Carolina Creek-Lake Livingston, Palmetto Creek, Pools Creek-Lake Livingston, McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Huffman Creek-Trinity River, Little Creek-Big Creek, Big Creek-Trinity River, Nevill Bayou	Watershed Planning	856.15	Riverine
03100033	Walker County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Walker	12040103, 12040101, 12030202	120301060409, 120301060402, 120301060502, 120301060401, 120100010301, 120301070101, 120301060403, 120301070102, 120100010302	West Carolina Creek-Lake Livingston, Palmetto Creek, Pools Creek-Lake Livingston, McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Huffman Creek-Trinity River, Little Creek-Big Creek, Big Creek-Trinity River, Nevill Bayou	Watershed Planning	797.63	Riverine
03100034	Wise County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Wise	12030103, 12030104, 12030101, 12030102	120301060409, 120301060402, 120301060502, 120301060401, 120100010301, 120301070101, 120301060403, 120301070102, 120100010302	West Carolina Creek-Lake Livingston, Palmetto Creek, Pools Creek-Lake Livingston, McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Huffman Creek-Trinity River, Little Creek-Big Creek, Big Creek-Trinity River, Nevill Bayou	Watershed Planning	919.53	Riverine
03100035	Young County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA mapping as needed.	03000005, 03000006	Young	12060201, 12030101, 11130209, 12060101, 12060104	120301060409, 120301060402, 120301060502, 120301060401, 120100010301, 120301070101, 120301060403, 120301070102, 120100010302	South Fork Trinity River-West Fork Trinity River, Prickly Pear Branch-West Fork Trinity River, Dead Horse Creek-Brushy Creek, Plum Creek, Upper Cameron Creek	Watershed Planning	927.47	Riverine

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost (2020 \$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road segment closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
031000027	Parker County	Parker County	N	\$1,144,000		1,953	1,485	6,748	18	22		60.73	25,497.34		
031000028	Polk County	Polk County	N	\$1,560,000		3,485	3,119	5,167	31	3		92.37	15,993.65		
031000029	Rockwall County	Rockwall County	N	\$252,000		411	371	1,553	3	15		33.76	4,484.99		
031000030	San Jacinto County	San Jacinto County	N	\$907,000		2,637	2,505	3,161	13	0		82.53	11,298.66		
031000031	Trinity County	Trinity County	N	\$989,000		1,312	1,128	1,895	11	1		53.77	9,960.17		
031000032	Van Zandt County	Van Zandt County	N	\$1,272,000		118	50	151	1	2		37.47	1,378.73		
031000033	Walker County	Walker County	N	\$1,276,000		1,654	1,480	4,303	11	5		58.59	28,691.27		
031000034	Wise County	Wise County	N	\$1,317,000		601	476	1,545	11	16		99.85	29,584.51		
031000035	Young County	Young County	N	\$1,407,000		25	11	4	0	0		6.81	5,757.37		

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
03100036	East Fork Trinity HUC-8 - East Fork Trinity and Tributaries Flood Risk Identification	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000001, 03000002, 03000005, 03000006, 03000025, 03000026	Grayson , Fannin , Hunt , Collin , Rockwall , Dallas , Kaufman	12030106, 11140101, 12030103, 11140301, 12030107, 12030105, 12010001	120301020401	Quil Miller Creek-Village Creek	Watershed Planning	1,298.72	Riverine
03100037	Denton HUC-8 - Hog Branch Flood Risk Identification	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000001, 03000002, 03000005, 03000006, 03000025, 03000026	Denton	12030103, 12030104, 12030101, 12030102, 11130201	120301020401	Quil Miller Creek-Village Creek	Watershed Planning	717.03	Riverine
03100038	Collin County Dam Inundation Study	Inundation studies of all high and moderate hazard dams	03000009, 03000010, 03000029, 03000030	Collin	12030106, 12030103, 12030105, 12010001	120301060409, 120301060402, 120301060502, 120301060401, 120100010301, 120301070101, 120301060403, 120301070102, 120100010302	South Fork Trinity River-West Fork Trinity River, Prickly Pear Branch-West Fork Trinity River, Dead Horse Creek-Brushy Creek, Plum Creek, Upper Cameron Creek	Watershed Planning	883.19	Riverine
03100039	Chambers County Dam/Levee Failure Inundation Map Updates	Update dam and levee failure inundation maps.	03000009, 03000010, 03000029, 03000030	Chambers	12030203, 12040203, 12040204, 12040201, 12040202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Cow Island Bayou, Turtle Bayou, Lynchburg Canal-Old River, Lost River-Old River	Watershed Planning	629.71	Riverine
03100040	Dallas County Dam Inundation Study	Conduct studies to develop dam inundation maps and models	03000009, 03000010, 03000029, 03000030	Dallas	12030106, 12030103, 12030109, 12030104, 12030102, 12030105	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Cow Island Bayou, Turtle Bayou, Lynchburg Canal-Old River, Lost River-Old River	Watershed Planning	904.92	Riverine
03100041	Lake Ray Hubbard and Duck Creek Tributary Inundation Study	Conduct studies to develop inundation maps for Lake Ray Hubbard and Duck Creek Tributary and how it affects the Town of Sunnyvale.	03000005, 03000006, 03000007, 03000008	Dallas	12030106, 12030105	120301060409, 120301050106, 120301060504, 120301060407, 120301050105, 120301060408, 120301050104, 120301060501, 120301060503	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, City of Dallas-White Rock Creek, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River, South Mesquite Creek	Preparedness	42.32	Riverine
03100042	Denton County Dam Inundation Study	Inundation studies of all high and moderate hazard dams	03000009, 03000010, 03000029, 03000030	Denton	12030103, 12030104, 12030105	120301060409, 120301050106, 120301060504, 120301060407, 120301050105, 120301060408, 120301050104, 120301060501, 120301060503	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, City of Dallas-White Rock Creek, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River, South Mesquite Creek	Watershed Planning	948.44	Riverine
03100043	Ellis County Dam Inundation Study	Inundation studies of all high and moderate hazard dams	03000009, 03000010, 03000029, 03000030	Ellis	12030109, 12030102, 12030105, 12030108	120301060409, 120301050106, 120301060504, 120301060407, 120301050105, 120301060408, 120301050104, 120301060501, 120301060503	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, City of Dallas-White Rock Creek, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River, South Mesquite Creek	Watershed Planning	947.79	Riverine

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

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031000036	North Central Texas Council of Govt	North Central Texas Council of Govt	N	\$4,582,000		5,222	4,603	24,778	49	151		273.17	60,443.34		
031000037	North Central Texas Council of Govt	North Central Texas Council of Govt	N	\$1,115,000		1,002	752	4,043	19	30		107.25	30,212.21		
031000038	Collin County	Collin County	N	\$855,000		2,842	2,401	17,576	26	55		145.78	34,153.61		
031000039	Chambers County, Anahuac, Beach City, Mount Belvieu, Cove, Chambers-Liberty Counties Navigation District, and Old-River-Winfree	Chambers County, Anahuac, Beach City, Mount Belvieu, Cove, Chambers-Liberty Counties Navigation District, and Old-River-Winfree	N	\$462,000		2,452	1,807	7,348	26	0		53.15	9,200.48		
031000040	Dallas County	Dallas County	N	\$587,000		22,226	20,522	181,701	369	387		790.82	31,559.98		
031000041	Sunnyvale	Sunnyvale	N	\$500,000		821	780	7,134	7	28		18.63	519.92		
031000042	Denton County	Denton County	N	\$613,000		4,675	3,634	18,656	89	97		245.07	53,344.36		
031000043	Ellis County, Alma, Bardwell, Ennis, Ferris, Garrett, Italy, Maypearl, Midlothian, Milford, Oak Leaf, Ovilla, Palmer, Red Oak, Waxahachie	Ellis County, Alma, Bardwell, Ennis, Ferris, Garrett, Italy, Maypearl, Midlothian, Milford, Oak Leaf, Ovilla, Palmer, Red Oak, Waxahachie	N	\$758,000		2,712	2,240	8,472	32	57		214.41	90,231.04		

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FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
03100044	Madison County Dam Inundation Study	Create dam failure inundation maps	03000009, 03000010, 03000029, 03000030	Madison	12070103, 12030202	120301060409, 120301050106, 120301060504, 120301060407, 120301050105, 120301060408, 120301050104, 120301060501, 120301060503	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, City of Dallas-White Rock Creek, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River, South Mesquite Creek	Watershed Planning	469.95	Riverine
03100045	Navarro County Dam Inundation Study	Conduct inundation studies of all high and moderate hazard dams.	03000009, 03000010, 03000029, 03000030	Navarro	12030109, 12030201, 12030107, 12030105, 12030108	120301060409, 120301050106, 120301060504, 120301060407, 120301050105, 120301060408, 120301050104, 120301060501, 120301060503	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, City of Dallas-White Rock Creek, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River, South Mesquite Creek	Watershed Planning	1,081.28	Riverine
03100046	Parker County Dam Inundation Study	Conduct a dam inundation study	03000009, 03000010, 03000029, 03000030	Parker	12060201, 12030101, 12030102	120301060409, 120301050106, 120301060504, 120301060407, 120301050105, 120301060408, 120301050104, 120301060501, 120301060503	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, City of Dallas-White Rock Creek, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River, South Mesquite Creek	Watershed Planning	902.80	Riverine
03100047	Tarrant County Dam Inundation Study	Identify and evaluate high hazard dams.	03000009, 03000010, 03000029, 03000030	Tarrant	12030103, 12030104, 12030101, 12030102	120301060409, 120301050106, 120301060504, 120301060407, 120301050105, 120301060408, 120301050104, 120301060501, 120301060503	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, City of Dallas-White Rock Creek, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River, South Mesquite Creek	Watershed Planning	900.37	Riverine
03100048	Irving Levee District Flood Risk Assessment	Conduct review of the area in the four levee districts that would be inundated by a levee failure. Analyze all available routes out of the Levee Districts and any new streets that would not be flooded.	03000009, 03000010, 03000031, 03000032	Dallas	12030103, 12030102, 12030105	120301031006, 120301020706, 120301031005, 120301031004, 120301031007, 120301020701, 120301020705, 120301050101	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, City of Dallas-White Rock Creek, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River, South Mesquite Creek	Watershed Planning	67.80	Riverine
03100049	West Fork of the Trinity River Levee Failure Hydrologic Study	Hydrologic study to determine threat, risk, and potential impacts of flooding from levee failure along the West Fork of the Trinity River.	03000009, 03000010, 03000031, 03000032	Tarrant	12030104, 12060201, 12030101, 11130209, 12030102, 11130201	120301031006, 120301020706, 120301031005, 120301031004, 120301031007, 120301020701, 120301020705, 120301050101	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, City of Dallas-White Rock Creek, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River, South Mesquite Creek	Watershed Planning	2,103.70	Riverine
03100050	City of Lavon DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Collin	12030106	120301060401, 120301060307	Price Creek-Lavon Lake, Camp Creek-Lake Ray Hubbard	Watershed Planning	3.03	Riverine
03100051	University Park DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Dallas	12030103, 12030105	120301031007, 120301050105, 120301050101	Bachman Branch-Elm Fork Trinity River, Turtle Creek, White Rock Creek-White Rock Lake	Watershed Planning	3.69	Riverine
03100052	City of Rowlett DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Dallas	12030106	120301060409, 120301060402, 120301060408, 120301060403	Cottonwood Creek-East Fork Trinity River, Muddy Creek-Lake Ray Hubbard, Rowlett Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard	Watershed Planning	20.51	Riverine
03100053	City of Richardson DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Dallas	12030106, 12030105	120301060406, 120301060407, 120301050105, 120301050104, 120301060501, 120301060403	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, Muddy Creek-Lake Ray Hubbard, Pittman Creek-Spring Creek, Brown Branch-Rowlett Creek, Duck Creek	Watershed Planning	28.54	Riverine
03100054	City of Cockrell Hill DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Dallas	12030105	120301050102	Coombs Creek-Trinity River	Watershed Planning	0.58	Riverine
03100055	City of Aubrey DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Denton	12030103	120301030705, 120301030406, 120301030703, 120301030704, 120301030903	Culp Branch-Elm Fork Trinity River, Little Elm Creek, Pecan Creek, Running Branch-Little Elm Creek, Doe Branch-Lewisville Lake	Watershed Planning	2.93	Riverine

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031000044	Madison County	Madison County	N	\$478,000		338	297	241	7	1		58.40	43,020.88		
031000045	Navarro County, Corsicana, Kerens	Navarro County, Corsicana, Kerens	N	\$744,000		1,805	1,017	2,606	11	64		211.14	109,464.70		
031000046	Parker County, Willow Park	Parker County, Willow Park	N	\$569,000		1,953	1,485	6,748	18	22		60.73	25,497.34		
031000047	Fort Worth, Tarrant County	Fort Worth, Tarrant County	N	\$604,000		14,855	12,826	78,228	164	531		467.79	20,102.00		
031000048	Irving	Irving	N	\$250,000		4,589	4,495	40,893	31	30		85.33	1,397.40		
031000049	River Oaks	River Oaks	N	\$2,000,000		7,235	5,762	21,593	64	127		308.16	114,016.70		
031000050	Lavon	Lavon	N	\$250,000		4	4	4	0	1		0.66	31.52		
031000051	University Park	University Park	N	\$500,000		22	19	76	0	2		0.31	0.44		
031000052	Rowlett	Rowlett	N	\$500,000		142	134	432	0	7		5.24	293.27		
031000053	Richardson	Richardson	N	\$1,000,000		132	118	596	1	25		7.12	80.45		
031000054	Cockrell Hill	Cockrell Hill	N	\$250,000		3	3	12	0	0		0.00	0.00		
031000055	Aubrey	Aubrey	N	\$250,000		54	52	127	1	0		2.08	189.16		

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03100056	City of Argyle DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Denton	12030103, 12030104	120301040304, 120301030804	Middle Hickory Creek, Denton Creek-Grapevine Lake	Watershed Planning	11.52	Riverine
03100057	City of Maypearl DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Ellis	12030109	120301090201, 120301090104, 120301090108, 120301090105	Lower South Fork Chambers Creek, Greathouse Branch-Chambers Creek, Middle North Fork Chambers Creek, Lower North Fork Chambers Creek	Watershed Planning	0.83	Riverine
03100058	City of Dayton DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Liberty	12030203, 12040203	120302030301, 120302030302, 120402030103, 120302030108, 120402030101, 120302030304, 120402030104	Gillen Bayou, Linney Creek-Trinity River, West Prong Old River, Lynchburg Canal-Old River	Watershed Planning	20.95	Riverine
03100059	City of Denton DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Denton	12030103, 12030104	120301030803, 120301030604, 120301030801, 120301030406, 120301030605, 120301040304, 120301030802, 120301030901, 120301030602, 120301030902, 120301040205, 120301030804, 120301030805	Gillen Bayou, Linney Creek-Trinity River, West Prong Old River, Lynchburg Canal-Old River	Watershed Planning	96.98	Riverine
03100060	City of Madisonville DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Madison	12030202	120302020506, 120302020408	Ferry Branch-Caney Creek, Pooles Creek-Bedias Creek	Watershed Planning	4.88	Riverine
03100061	City of Rockwall DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Rockwall	12030106, 12030107, 12010001	120301060409, 120301060402, 120301060502, 120301060401, 120100010301, 120301070101	Cottonwood Creek-East Fork Trinity River, Camp Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Long Branch-Buffalo Creek, Upper Big Brushy Creek	Watershed Planning	29.88	Riverine
03100062	City of Everman DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Tarrant	12030102	120301020403	Village Creek-Lake Arlington	Watershed Planning	1.75	Riverine
03100063	City of Colleyville DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Tarrant	12030102	120301020704, 120301020505, 120301020703	Big Bear Creek, Little Bear Creek, Headwaters Walker Branch	Watershed Planning	13.18	Riverine
03100064	Haltom City DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Tarrant	12030102	120301020504, 120301020503	Whites Branch-Big Fossil Creek, Sycamore Creek-West Fork Trinity River	Watershed Planning	12.37	Riverine
03100065	City of Southlake DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Tarrant	12030104, 12030102	120301040306, 120301040305, 120301020703	Big Bear Creek, Marshall Branch-Grapevine Lake, Dove Creek-Grapevine Lake	Watershed Planning	22.33	Riverine
03100066	City of North Richland Hills DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Tarrant	12030102	120301020504, 120301020704, 120301020505, 120301020703, 120301020503	Big Bear Creek, Little Bear Creek, Whites Branch-Big Fossil Creek, Sycamore Creek-West Fork Trinity River, Headwaters Walker Branch	Watershed Planning	18.20	Riverine
03100067	City of Mansfield DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Tarrant	12030102	120301020603, 120301020601, 120301020604, 120301020605, 120301020405	Rush Creek-Village Creek, Headwaters Mountain Creek, Low Branch-Mountain Creek, King Branch-Walnut Creek, Lynn Creek-Walnut Creek	Watershed Planning	36.49	Riverine
03100068	City of Trinidad DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Henderson	12030107, 12030105	120301050504, 120301070310, 120301070311	Trinidad Lake-Trinity River, Caney Creek-Cedar Creek, McAllister Slough-Cedar Creek	Watershed Planning	14.80	Riverine
03100069	Cedar Hill-DeSoto-Duncanville DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Dallas	12030109, 12030102, 12030105	120301020603, 120301050107, 120301050301, 120301020606, 120301050201, 120301020607, 120301090301, 120301050305	Low Branch-Mountain Creek, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Headwaters Fivemile Creek, Headwaters Tenmile Creek, Headwaters Red Oak Creek, Middle Red Oak Creek, Headwaters Waxahachie Creek	Watershed Planning	68.36	Riverine

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost (2020 \$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road segment closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
031000056	Argyle	Argyle	N	\$250,000		57	38	1,309	2	2		1.97	457.34		
031000057	Maypearl	Maypearl	N	\$250,000		41	39	51	3	0		2.22	67.01		
031000058	Dayton	Dayton	N	\$250,000		727	687	2,181	18	0		17.87	1,731.98		
031000059	Denton	Denton	N	\$1,000,000		935	740	2,088	9	39		33.97	3,799.85		
031000060	Madisonville	Madisonville	N	\$250,000		14	13	24	3	0		1.89	108.06		
031000061	Rockwall	Rockwall	N	\$500,000		209	200	1,012	1	5		10.47	693.15		
031000062	Everman	Everman	N	\$250,000		272	225	1,006	4	8		5.69	86.03		
031000063	Colleyville	Colleyville	N	\$500,000		156	148	735	2	4		5.00	131.83		
031000064	Haltom City	Haltom City	N	\$500,000		1,049	854	6,002	6	7		22.52	71.51		
031000065	Southlake	Southlake	N	\$500,000		88	82	359	1	10		3.42	121.24		
031000066	North Richland Hills	North Richland Hills	N	\$500,000		314	301	1,194	2	10		9.41	44.36		
031000067	Mansfield	Mansfield	N	\$500,000		422	385	2,492	4	12		30.21	778.52		
031000068	Trinidad	Trinidad	N	\$250,000		0	0	0	0	0		3.31	0.00		
031000069	Cedar Hil, DeSoto, Duncanville	Cedar Hil, DeSoto, Duncanville	N	\$1,000,000		1,289	1,241	9,333	8	18		42.40	455.45		

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FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
031000070	City of Athens DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Henderson	12030201, 12030107, 12020001	120302010202, 120301070308, 120200010303, 120302010201, 120301070312	Headwaters Caney Creek, Walnut Creek-Cedar Creek, Shelton Mill Branch, Upper Coon Creek	Watershed Planning	13.48	Riverine
031000071	Sansom Park DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Tarrant	12030102	120301020105, 120301020501, 120301020104, 120301020101	West Fork Trinity River-Lake Worth, Live Oak Creek-West Fork Trinity River, Farmers Branch-West Fork Trinity River, Marine Creek-West Fork Trinity River	Watershed Planning	1.20	Riverine
031000072	City of Decatur DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Wise	12030104, 12030101	120301010604, 120301010601, 120301040203, 120301010511, 120301040206	Walnut Creek-West Fork Trinity River, Waggoner Branch-Big Sandy Creek, Martin Branch-West Fork Trinity Branch, Catlett Creek-Sweetwater Creek, Oliver Creek	Watershed Planning	8.77	Riverine
031000073	City of Waxahachie DMP (Phase 2 Continuation)	Evaluate City and identify future projects. Continue efforts of current DMP Phase 2 efforts.	03000007, 03000008, 03000009, 03000010	Ellis	12030109, 12030105	120301090302, 120301090307, 120301050302, 120301090305, 120301090303, 120301090301, 120301090304, 120301050303, 120301090105	Upper Red Oak Creek, Upper Grove Creek, Headwaters Waxahachie Creek, Upper Waxahachie Creek, South Prong Creek-Lake Waxahachie, Lower North Fork Chambers Creek, Middle Waxahachie Creek, Mustang Creek, Upper Big Onion Creek	Watershed Planning	49.15	Riverine
031000074	City of Crockett DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Houston	12030201, 12030202	120302010705, 120302020702	Upper Hurricane Bayou, Spring Creek-Gail Creek	Watershed Planning	9.24	Riverine
031000075	Town of Dish DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Denton	12030104	120301040205	Hog Branch-Denton Creek	Watershed Planning	1.51	Riverine
031000076	City of Corinth DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Denton	12030103	120301030902, 120301030805	Lower Hickory Creek, Pecan Creek-Lewisville Lake	Watershed Planning	7.80	Riverine
031000077	City of Keller DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Tarrant	12030104, 12030102	120301020704, 120301040305, 120301020703, 120301020503	Big Bear Creek, Little Bear Creek, Whites Branch-Big Fossil Creek, Marshall Branch-Grapevine Lake	Watershed Planning	18.41	Riverine
031000078	Anderson County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Anderson	12030201, 12030105, 12020001	120301020704, 120301040305, 120301020703, 120301020503	Big Bear Creek, Little Bear Creek, Whites Branch-Big Fossil Creek, Marshall Branch-Grapevine Lake	Watershed Planning	1,073.46	Riverine
031000079	Cooke County DMP	Evaluate County to identify future projects.	03000007, 03000008, 03000009, 03000010	Cooke	12030103, 12030104, 11130210, 11130201	120301020704, 120301040305, 120301020703, 120301020503	Big Bear Creek, Little Bear Creek, Whites Branch-Big Fossil Creek, Marshall Branch-Grapevine Lake	Watershed Planning	893.01	Riverine
031000080	Fannin County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Fannin	12030106, 11140101, 11140301, 11140102	120301020704, 120301040305, 120301020703, 120301020503	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning	896.79	Riverine
031000081	Freestone County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Freestone	12030201, 12070103, 12030105, 12030108	120301020704, 120301040305, 120301020703, 120301020503	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning	888.14	Riverine
031000082	Houston County DMP	Evaluate County and Identify future projects.	03000007, 03000008, 03000009, 03000010	Houston	12020002, 12030201, 12020001, 12030202	120301020704, 120301040305, 120301020703, 120301020503	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning	1,231.75	Riverine
031000083	Jack County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Jack	12060201, 12030101	120301020704, 120301040305, 120301020703, 120301020503	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning	917.33	Riverine

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031000070	Athens	Athens	N	\$250,000		125	84	964	4	6		7.15	138.98		
031000071	Sansom Park	Sansom Park	N	\$250,000		0	0	0	1	0		0.00	0.00		
031000072	Decatur	Decatur	N	\$250,000		34	25	298	1	0		2.60	114.80		
031000073	Waxahachie	Waxahachie	N	\$752,000		490	424	2,389	6	0		31.53	2,152.15		
031000074	Crockett	Crockett	N	\$250,000		136	106	241	4	0		6.08	148.74		
031000075	Dish	Dish	N	\$250,000		8	2	13	0	0		0.14	180.86		
031000076	Corinth	Corinth	N	\$250,000		110	108	361	2	1		3.74	47.92		
031000077	Keller	Keller	N	\$500,000		166	149	4,380	4	10		3.98	199.92		
031000078	Anderson County	Anderson County	N	\$500,000		667	416	1,408	6	6		73.34	36,103.84		
031000079	Cooke County	Cooke County	N	\$500,000		1,328	964	2,077	6	32		81.36	40,870.18		
031000080	Fannin County	Fannin County	N	\$500,000		139	119	93	0	0		4.40	1,782.81		
031000081	Freestone County, Fairfield, Streetman, Teague, Wortham	Freestone County, Fairfield, Streetman, Teague, Wortham	N	\$500,000		557	237	389	3	2		90.63	48,504.25		
031000082	Houston County	Houston County	N	\$500,000		454	250	391	5	18		110.11	28,799.85		
031000083	Jack County	Jack County	N	\$500,000		268	105	231	0	6		54.58	33,805.24		

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03100084	Johnson County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Johnson	12030109, 12060201, 12030102, 12060202	120301020704, 120301040305, 120301020703, 120301020503	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning	730.85	Riverine
03100085	Leon County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Leon	12030201, 12070103, 12030202	120301020704, 120301040305, 120301020703, 120301020503	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning	1,075.85	Riverine
03100086	Liberty County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Liberty	12040103, 12030203, 12040203, 12040201, 12040202, 12020007, 12030202	120301020704, 120301040305, 120301020703, 120301020503	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning	1,169.45	Riverine
03100087	Montague County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Montague	12030103, 12030104, 12030101, 11130209, 11130201	120301020704, 120301040305, 120301020703, 120301020503	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning	933.20	Riverine
03100088	Parker County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Parker	12060201, 12030101, 12030102	120301020704, 120301040305, 120301020703, 120301020503	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning	902.80	Riverine
03100089	Polk County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Polk	12020002, 12020006, 12020007, 12030202	120301020704, 120301040305, 120301020703, 120301020503	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning	1,105.57	Riverine
03100090	San Jacinto DMP	Evaluate County and Identify future projects.	03000007, 03000008, 03000009, 03000010	San Jacinto	12040103, 12030203, 12030202	120301020704, 120301040305, 120301020703, 120301020503	West Carolina Creek-Lake Livingston, Palmetto Creek, Pools Creek-Lake Livingston, McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Huffman Creek-Trinity River, Little Creek-Big Creek, Big Creek-Trinity River, Nevill Bayou	Watershed Planning	625.52	Riverine
03100091	Trinity County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Trinity	12020002, 12030202	120301020704, 120301040305, 120301020703, 120301020503	West Carolina Creek-Lake Livingston, Palmetto Creek, Pools Creek-Lake Livingston, McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Huffman Creek-Trinity River, Little Creek-Big Creek, Big Creek-Trinity River, Nevill Bayou	Watershed Planning	709.83	Riverine
03100092	Van Zandt County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Van Zandt	12030107, 12020001, 12010001	120301020704, 120301040305, 120301020703, 120301020503	West Carolina Creek-Lake Livingston, Palmetto Creek, Pools Creek-Lake Livingston, McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Huffman Creek-Trinity River, Little Creek-Big Creek, Big Creek-Trinity River, Nevill Bayou	Watershed Planning	856.15	Riverine
03100093	Wise County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Wise	12030103, 12030104, 12030101, 12030102	120301020704, 120301040305, 120301020703, 120301020503	West Carolina Creek-Lake Livingston, Palmetto Creek, Pools Creek-Lake Livingston, McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Huffman Creek-Trinity River, Little Creek-Big Creek, Big Creek-Trinity River, Nevill Bayou	Watershed Planning	919.53	Riverine
03100094	Dallas County DMP and Vulnerability Assessment	Evaluate County to identify future projects. Risk and vulnerability assessment to determine the number of people, property and infrastructure exposed to flooding.	03000007, 03000008, 03000009, 03000010	Dallas	12030106, 12030103, 12030109, 12030104, 12030102, 12030105	120301020704, 120301040305, 120301020703, 120301020503	West Carolina Creek-Lake Livingston, Palmetto Creek, Pools Creek-Lake Livingston, McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Huffman Creek-Trinity River, Little Creek-Big Creek, Big Creek-Trinity River, Nevill Bayou	Watershed Planning	904.92	Riverine
03100095	Merritt Road, Sachse Road, and Willow Lake Improvements	Hydrologic and Hydraulic Study of Stream 2E3, 2E4 and Willow Lake to determine causes of flooding along Merritt Rd and identify necessary drainage improvements.	03000005, 03000006, 03000007, 03000008	Collin , Dallas	12030106	120301060208, 120301060402, 120301060406, 120301060408, 120301060403, 120301060405	Cottonwood Creek-East Fork Trinity River, Muddy Creek-Lake Ray Hubbard, East Fork Trinity River-Lavon Lake, Town of Allen-Cottonwood Creek, Brown Branch-Rowlett Creek, Rowlett Creek-Lake Ray Hubbard	Watershed Planning	41.97	Riverine

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031000084	Johnson County	Johnson County	N	\$500,000		1,851	1,555	4,897	12	372		61.68	18,202.78		
031000085	Leon County	Leon County	N	\$500,000		730	491	816	6	5		99.56	64,155.32		
031000086	Liberty County	Liberty County	N	\$500,000		7,897	7,347	11,279	87	6		256.55	69,006.02		
031000087	Montague County	Montague County	N	\$500,000		38	11	13	0	3		56.77	1,770.86		
031000088	Parker County, Willow Park	Parker County, Willow Park	N	\$500,000		1,953	1,485	6,748	18	22		60.73	25,497.34		
031000089	Polk County, Livingston, Goodrich, Onalaska, Seven Oaks, Corrigan	Polk County, Livingston, Goodrich, Onalaska, Seven Oaks, Corrigan	N	\$500,000		3,485	3,119	5,167	31	3		92.37	15,993.65		
031000090	San Jacinto County, Coldspring, Point Blank, Shepherd	San Jacinto County, Coldspring, Point Blank, Shepherd	N	\$500,000		2,637	2,505	3,161	13	0		82.53	11,298.66		
031000091	Trinity County	Trinity County	N	\$500,000		1,200	1,035	1,768	11	1		53.77	9,902.66		
031000092	Van Zandt County	Van Zandt County	N	\$500,000		231	142	179	1	2		37.47	12,720.19		
031000093	Wise County	Wise County	N	\$500,000		492	363	1,338	11	16		99.85	30,832.77		
031000094	Dallas County	Dallas County	N	\$500,000		22,226	20,522	181,701	369	387		790.82	31,559.98		
031000095	Sachse	Sachse	N	\$144,000		343	316	991	1	7		11.93	1,090.11		

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03100096	Richardson West Fork Cottonwood Creek Watershed Study	Richardson West Fork Cottonwood Creek Watershed Study	03000005, 03000006	Dallas , Collin	12030106, 12030103, 12030105	120301031005, 120301060407, 120301031007, 120301050105, 120301050104, 120301060501, 120301050103	Bachman Branch-Elm Fork Trinity River, Farmers Branch-Elm Fork Trinity River, Headwaters White Rock Creek, Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, Pittman Creek-Spring Creek, Duck Creek	Watershed Planning	32.87	Riverine
03100097	Copper Canyon Poindexter Branch Flood Mitigation Plan	Copper Canyon Poindexter Branch Flood Mitigation Plan	03000005, 03000006, 03000007, 03000008	Denton	12030103	120301031002, 120301030804, 120301030805	Middle Hickory Creek, Lower Hickory Creek, Timber Creek	Preparedness	6.52	Riverine
03100098	Holiday Park North Drainage Study Update	Area 2	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060406, 120301060407, 120301060408, 120301060501	Pittman Creek-Spring Creek, Brown Branch-Rowlett Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning	13.81	Riverine
03100099	Buhler, Cresthaven, Madewell & Maryland Drainage Study Update	Area 4	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning	4.68	Riverine
031000100	Bellaire Heights Drainage Study Update	Area 5	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning	4.68	Riverine
031000101	Country Club Add., Club Hill Est., & Eastern Hills Est. Drainage Study Update	Area 6	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060409, 120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Duck Creek	Project Planning	5.98	Riverine
031000102	Shorehaven-Garvon-Rosewood Terrace-Garland Heights-Freeman Heights-Range-Cooper-Barger Drainage Study Update	Area 7	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning	4.68	Riverine
031000103	Brentwood Place-Two Worlds-Apollo East Park Village Drainage Study Update	Area 8	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060406, 120301060407, 120301060408, 120301060501	Pittman Creek-Spring Creek, Brown Branch-Rowlett Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning	13.81	Riverine
031000104	Ridgewood Park-Regal Estates-Meadowcreek Square Drainage Study Update	Area 9	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning	6.47	Riverine
031000105	Eastern Meadows-Southlake Estates-Greenbrook-Green Acres-Rosehill Acreage Drainage Study Update	Area 10	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060409, 120301060408, 120301060501, 120301060503	Rowlett Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River	Project Planning	12.73	Riverine
031000106	La Prada 7 & 8 Drainage Study Update	Area 11	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning	6.47	Riverine
031000107	Gatewood Drainage Study Update	Area 12	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning	6.47	Riverine
031000108	Curtis Drive Drainage Study Update	Area 13	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning	4.68	Riverine
031000109	Center Creek Plaza 8 Southgate Estates Drainage Study Update	Area 14	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning	6.47	Riverine

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031000096	Richardson	Richardson	N	\$381,000		593	549	8,944	6	27		16.54	47.93		
031000097	Copper Canyon	Copper Canyon	N	\$150,000		55	40	173	1	0		2.30	58.54		
031000098	Garland	Garland	N	\$90,000		117	112	471	1	4		3.02	65.05		
031000099	Garland	Garland	N	\$132,000		40	28	298	0	5		1.87	7.36		
031000100	Garland	Garland	N	\$50,000		40	28	298	0	5		1.87	7.36		
031000101	Garland	Garland	N	\$127,000		10	10	26	0	1		0.36	83.12		
031000102	Garland	Garland	N	\$150,000		40	28	298	0	5		1.87	7.36		
031000103	Garland	Garland	N	\$50,000		117	112	471	1	4		3.02	65.05		
031000104	Garland	Garland	N	\$134,000		232	227	863	2	5		3.98	44.78		
031000105	Garland	Garland	N	\$81,000		13	8	24	2	1		2.19	628.71		
031000106	Garland	Garland	N	\$50,000		232	227	863	2	5		3.98	44.78		
031000107	Garland	Garland	N	\$50,000		232	227	863	2	5		3.98	44.78		
031000108	Garland	Garland	N	\$50,000		40	28	298	0	5		1.87	7.36		
031000109	Garland	Garland	N	\$50,000		232	227	863	2	5		3.98	44.78		

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FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
031000110	Bluffview Drainage Study Update	Area 15	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060409, 120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Duck Creek	Project Planning	5.98	Riverine
031000111	Camelot Drainage Study Update	Area 16	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060406, 120301060407, 120301060408, 120301060501	Pittman Creek-Spring Creek, Brown Branch-Rowlett Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning	13.81	Riverine
031000112	Downtown Drainage Study Update	Area 17	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning	4.68	Riverine
031000113	Main & Wilson Streets Drainage Study Update	Area 18	03000005, 03000006, 03000009, 03000010	Dallas	12030106, 12030105	120301060407, 120301050105, 120301060408, 120301060501	White Rock Creek-White Rock Lake, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning	13.48	Riverine
031000114	Royal Crest-Meadowview Drainage Study Update	Area 19	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060409, 120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Duck Creek	Project Planning	5.98	Riverine
031000115	Garvon West, Innovation & Kingsley Ind. Park Drainage Study Update	Area 20	03000005, 03000006, 03000009, 03000010	Dallas	12030106, 12030105	120301050105, 120301060501	White Rock Creek-White Rock Lake, Duck Creek	Project Planning	4.73	Riverine
031000116	Northlake & Castlewood Drainage Study Update	Area 21	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060407, 120301060408	Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard	Project Planning	4.46	Riverine
031000117	Legend Drive Drainage Study Update	Area 22	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning	4.68	Riverine
031000118	Brazos Drive Drainage Study Update	Area 23	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning	6.47	Riverine
031000119	Sweetbriar-Glenrose Alley Drainage Study Update	Area 26	03000005, 03000006, 03000009, 03000010	Dallas	12030106, 12030105	120301060407, 120301050105, 120301060408, 120301060501	White Rock Creek-White Rock Lake, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning	8.80	Riverine
031000120	Mc Adams Ditch Feasibility Study	Evaluate alternatives for improvements to Mc Adams Ditch (crosses FM 3180 South).	03000029, 03000030	Chambers	12030203, 12040203	120302030307, 120402030106, 120402030200		Project Planning	3.38	Riverine
031000121	Rhonda Rosa Lane Bridge	Construct bridge on Rhonda Rosa Lane in Ranches on Turtle Bayou to replace box culverts.	03000003, 03000004, 03000029, 03000030	Chambers	12030203	120302030203, 120302030204	Cow Island Bayou, Turtle Bayou	Project Planning	0.04	Riverine
031000122	Hackberry Gully and Cotton Bayou Shelving Study	Evaluate shelving the entire length of Hackberry Gully and Cotton Bayou from South of I-10 to Cotton Lake; thereby increasing their flow capacity.	03000027, 03000028, 03000029, 03000030	Chambers	12030203, 12040203	120402030105, 120302030307, 120402030106, 120402030200, 120302030306, 120302030304	Lynchburg Canal-Old River, Lost River-Old River	Project Planning	24.54	Riverine
031000123	Collin County Retention Structures Rehabilitation Project	Conduct hazard/vulnerability assessment and inundation study on NRCS flood retention structures and rehabilitate structures found to be a high hazard.	03000009, 03000010, 03000013, 03000014, 03000033, 03000034	Collin	12030106, 12030103, 12030105, 12010001	120402030105, 120302030307, 120402030106, 120402030200, 120302030306, 120302030304	Lynchburg Canal-Old River, Lost River-Old River	Project Planning	883.19	Riverine
031000124	McMillen Rd Bridge Lift Project (Maxwell Creek)	Flood study to determine parameters to raise bridge at McMillen Rd to reduce flooding .	03000003, 03000004	Collin	12030106	120301060406, 120301060403, 120301060405	Muddy Creek-Lake Ray Hubbard, Town of Allen-Cottonwood Creek, Brown Branch-Rowlett Creek	Project Planning	10.29	Riverine

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

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031000110	Garland	Garland	N	\$150,000		10	10	26	0	2		0.54	84.70		
031000111	Garland	Garland	N	\$50,000		117	112	471	1	4		3.02	65.05		
031000112	Garland	Garland	N	\$150,000		40	28	298	0	5		1.87	7.36		
031000113	Garland	Garland	N	\$50,000		348	319	4,557	4	12		9.19	8.29		
031000114	Garland	Garland	N	\$50,000		10	10	26	0	2		0.54	84.70		
031000115	Garland	Garland	N	\$150,000		219	207	1,298	1	9		3.68	0.11		
031000116	Garland	Garland	N	\$56,000		69	67	305	1	3		2.34	95.84		
031000117	Garland	Garland	N	\$50,000		40	28	298	0	5		1.87	7.36		
031000118	Garland	Garland	N	\$50,000		232	227	863	2	5		3.98	44.78		
031000119	Garland	Garland	N	\$50,000		308	291	4,259	4	7		7.33	0.92		
031000120	Chambers County	Chambers County	N	\$500,000		106	95	241	0	0		1.54	551.30		
031000121	Chambers County	Chambers County	N	\$500,000		1	0	0	0	0		0.08	0.53		
031000122	Chambers County	Chambers County	N	\$1,250,000		1,037	897	5,159	12	0		14.45	1,544.70		
031000123	Collin County	Collin County	N	\$500,000		2,842	2,401	17,576	26	55		145.78	34,153.61		
031000124	Wylie	Wylie	N	\$495,000		165	152	391	0	0		5.37	305.89		

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FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
031000125	Cooke County Low-Water Crossing Barriers Evaluation	Evaluate installation of automatic flood crossing barriers at low water crossing to prevent automobiles from driving through high water.	03000003, 03000004	Cooke	12030103, 12030104, 11130210, 11130201	120301060406, 120301060403, 120301060405	Muddy Creek-Lake Ray Hubbard, Town of Allen-Cottonwood Creek, Brown Branch-Rowlett Creek	Project Planning	893.01	Riverine
031000126	Wheeler Creek Channelization Study	Evaluate channelization of Wheeler Creek to reduce flooding in the west side of town.	03000031, 03000032	Cooke	12030103, 11130210, 11130201	111302100202, 120301030105, 120301030301, 111302100201, 120301030403, 120301030106, 111302010708, 120301030201	Wheeler Creek-Pecan Creek, Montague Creek-Elm Fork Trinity River, Buck Creek-Timber Creek, Upper Indian Creek, Scott Creek-Elm Fork Trinity River	Project Planning	39.49	Riverine
031000127	Pecan Creek Channelization Study	Evaluate channelization project for Pecan Creek to reduce flooding.	03000031, 03000032	Cooke	12030103	120301030402, 120301030404, 120301030403, 120301030405	Lower Spring Creek, Scott Creek-Elm Fork Trinity River, Pecan Creek-Elm Fork Trinity River, Pond Creek-Elm Fork Trinity River	Project Planning	12.54	Riverine
031000128	Lindsay Waterways Improvements Study	Identify alternatives to reshape waterways to allow quicker flow in areas that have regular flooding. Study potential construction of gabion retaining walls, and widening and/or deepening of the waterway.	03000031, 03000032	Cooke	12030103, 11130201	120301030401, 120301030403, 120301030106, 111302010707	Montague Creek-Elm Fork Trinity River, Upper Spring Creek, Scott Creek-Elm Fork Trinity River	Project Planning	15.14	Riverine
031000129	O'Neal St Low-Water Crossing Automatic Barrier Study	Evaluate installation of an automatic barricade for low-water crossing on O'Neal St.	03000003, 03000004	Cooke	12030103	120301030105, 120301030106	Wheeler Creek-Pecan Creek, Montague Creek-Elm Fork Trinity River	Project Planning	10.33	Riverine
031000130	Elm Fork Bridge Improvements Assessment	Assessment to alleviate flooding issues with the Elm Fork bridge on I-35.	03000003, 03000004, 03000031, 03000032	Cooke	12030103	120301030105, 120301030403, 120301030106	Wheeler Creek-Pecan Creek, Montague Creek-Elm Fork Trinity River, Scott Creek-Elm Fork Trinity River	Project Planning	7.23	Riverine
031000131	Brockbank and Embassy Channel Basin Improvements Assessment	Evaluate channel improvements on Brockbank Channel Basin north of SH 183; and Embassy Channel Basin north of SH 183	03000031, 03000032	Dallas	12030103, 12030102	120301031006, 120301020706, 120301031007, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Branch-Hackberry Creek, Bachman Branch-Elm Fork Trinity River	Project Planning	9.20	Riverine
031000132	University Park Storm Water Infrastructure Improvements Study	Evaluation of storm drain system improvements including new storm sewer inlets, mains, and underground detention system to reduce flooding in Northeast portion of the City.	03000031, 03000032	Dallas	12030103, 12030105	120301031007, 120301050105, 120301050101	Bachman Branch-Elm Fork Trinity River, Turtle Creek, White Rock Creek-White Rock Lake	Project Planning	3.69	Riverine
031000133	Exall and Wycliffe Dam Maintenance Protocol for Drainage Systems and Flood Control Structures	Analyze maintenance protocol for Drainage Systems/Flood Control Structures in and around the Exall and Wycliffe Dams. Conduct study to determine roadway reconstruction, culvert/bridge construction and associated bank protection and improvements	03000033, 03000034	Dallas	12030105	120301050101	Turtle Creek	Project Planning	2.23	Riverine
031000134	Farmers Branch Retention Pond Dredging	Dredge the retention ponds along the creeks within the City.	03000013, 03000014, 03000031, 03000032	Dallas	12030103	120301031005, 120301031004, 120301031007	Bachman Branch-Elm Fork Trinity River, Grapevine Creek-Elm Fork Trinity River, Farmers Branch-Elm Fork Trinity River	Project Planning	12.02	Riverine
031000135	Ten Mile Creek Channel Expansion Study	Study to improve and increase the capacity of storm water system by expanding the Ten Mile Creek downstream channel to prevent flooding in flood prone areas to include structural stormwater management projects	03000031, 03000032	Dallas	12030102, 12030105	120301020603, 120301050107, 120301050301, 120301020606, 120301050201, 120301020607, 120301050306, 120301050202, 120301050108, 120301050305, 120301050203	Bachman Branch-Elm Fork Trinity River, Grapevine Creek-Elm Fork Trinity River, Farmers Branch-Elm Fork Trinity River	Project Planning	76.98	Riverine
031000136	Hunterwood Stream Stabilization Project	Installation and maintenance of gabion walls to mitigate stream bank erosion during extreme flood events	03000031, 03000032, 03000033, 03000034	Dallas	12030103, 12030104, 12030102	120301040307, 120301031006, 120301031004, 120301020703	Big Bear Creek, Cottonwood Branch-Hackberry Creek, Grapevine Creek-Elm Fork Trinity River, Cottonwood Branch-Denton Creek	Project Planning	9.51	Riverine
031000137	Carrollton Flood Warning Barrier System Study	Procure and install flood warning barrier system to prevent motorists from driving into flooded areas.	03000003, 03000004	Dallas, Denton	12030103, 12030104, 12030105	120301040307, 120301031002, 120301031005, 120301031004, 120301031003, 120301031001, 120301050103	Prairie Creek-Elm Fork Trinity River, Timber Creek, Indian Creek-Elm Fork Trinity River, Grapevine Creek-Elm Fork Trinity River, Farmers Branch-Elm Fork Trinity River, Cottonwood Branch-Denton Creek, Headwaters White Rock Creek	Project Planning	37.26	Riverine
031000138	Westside Drive Drainage System and Street Reconstruct Study	Study to reconstruct Drainage System and Street in the 4500-4700 blocks of Westside Drive	03000031, 03000032	Dallas	12030103, 12030105	120301031007, 120301050101	Bachman Branch-Elm Fork Trinity River, Turtle Creek	Project Planning	2.05	Riverine

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031000125	Cooke County	Cooke County	N	\$500,000		1,328	964	2,077	6	32		81.36	40,870.18		
031000126	Gainesville	Gainesville	N	\$125,000		347	269	665	0	1		13.17	2,058.05		
031000127	Valley View	Valley View	N	\$100,000		5	1	2	0	5		2.09	306.13		
031000128	Lindsay	Lindsay	N	\$100,000		46	27	61	0	0		2.29	1,251.37		
031000129	Gainesville	Gainesville	N	\$125,000		244	210	556	0	1		7.59	485.56		
031000130	Gainesville	Gainesville	N	\$100,000		105	47	348	1	0		4.29	1,027.23		
031000131	Irving	Irving	N	\$500,000		212	199	4,060	5	7		5.91	143.81		
031000132	University Park	University Park	N	\$660,000		22	19	76	0	2		0.31	0.44		
031000133	Highland Park	Highland Park	N	\$175,000		17	15	250	0	3		1.53	0.00		
031000134	Farmers Branch	Farmers Branch	N	\$125,000		510	456	9,710	2	13		23.72	316.38		
031000135	Lancaster	Lancaster	N	\$500,000		1,268	1,197	9,136	9	33		39.53	2,245.94		
031000136	Coppell	Coppell	N	\$100,000		20	19	67	0	0		1.23	26.16		
031000137	Carrollton	Carrollton	N	\$300,000		1,068	930	15,723	18	19		48.36	617.10		
031000138	Highland Park	Highland Park	N	\$700,000		4	4	5	1	0		0.19	0.00		

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FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
031000139	Garner Rd, Chiesa Rd, and Wayne Way Storm Drain System Improvements	Evaluation of storm drain system redirection and improvements at Garner Rd, Chiesa Rd, and Wayne Way	03000031, 03000032	Dallas	12030106	120301060409, 120301060402, 120301060408, 120301060501, 120301060403	Cottonwood Creek-East Fork Trinity River, Muddy Creek-Lake Ray Hubbard, Rowlett Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Duck Creek	Project Planning	10.02	Riverine
031000140	Cooks Creek Drainage Infrastructure Improvements	Evaluation of improvements to drainage infrastructure along Cooks Creek between Bee St and Spring Valley.	03000031, 03000032	Dallas	12030103	120301031005, 120301031004	Grapevine Creek-Elm Fork Trinity River, Farmers Branch-Elm Fork Trinity River	Project Planning	6.25	Riverine
031000141	Carrollton Drainage Upgrades	Evaluate upgrades to drainage and targeted regrading of streets and properties. Add additional drains and supporting infrastructure in older neighborhoods to increase offloading of flash flood waters.	03000031, 03000032	Dallas, Denton	12030103, 12030104, 12030105	120301040307, 120301031002, 120301031005, 120301031004, 120301031003, 120301031001, 120301050103	Prairie Creek-Elm Fork Trinity River, Timber Creek, Indian Creek-Elm Fork Trinity River, Grapevine Creek-Elm Fork Trinity River, Farmers Branch-Elm Fork Trinity River, Cottonwood Branch-Denton Creek, Headwaters White Rock Creek	Project Planning	37.26	Riverine
031000142	Little Elm Drainage Improvements	Evaluate drainage improvements to mitigate future flash and lake flooding problems.	03000031, 03000032	Denton	12030103	120301030905, 120301030705, 120301030904, 120301030906, 120301030902, 120301030703, 120301030903	Little Elm Creek, Running Branch-Little Elm Creek, Pecan Creek-Lewisville Lake, Doe Branch-Lewisville Lake, Panther Creek-Lewisville Lake, Cottonwood Branch-Lewisville Lake, Stewart Creek-Lewisville Lake	Project Planning	22.29	Riverine
031000143	Shady Shores Rd Elevation Study	Evaluate alternatives to elevate Shady Shores Rd to reduce future loss due to flooding	03000003, 03000004, 03000031, 03000032	Denton	12030103	120301030906, 120301030902, 120301030804, 120301030805	Middle Hickory Creek, Lower Hickory Creek, Pecan Creek-Lewisville Lake, Stewart Creek-Lewisville Lake	Project Planning	16.72	Riverine
031000144	Sanger Creek Waterways Reconstruction Study	Evaluate alternatives to reconstruct creek waterways to correct drainage issues	03000031, 03000032	Denton	12030103	120301030604, 120301030602, 120301030603, 120301030405	Pond Creek-Elm Fork Trinity River, Buck Creek-Clear Creek, Little Duck Creek-Duck Creek, Moores Branch-Clear Creek	Project Planning	11.72	Riverine
031000145	CR 1400 drainage study	Evaluate widening road and installing box drains where necessary.	03000003, 03000004, 03000031, 03000032	Henderson	12030107	120301070311, 120301070312, 120301070309	Caney Creek-Cedar Creek Reservoir, McAllister Slough-Cedar Creek, Walnut Creek-Cedar Creek	Project Planning	2.46	Riverine
031000146	Malone Bridge Improvements	Evaluate alternatives to elevate roadways in flood-prone areas through bridge improvements	03000003, 03000004, 03000031, 03000032	Hill	12030108	120301080108, 120301080106	Headwaters Ash Creek, Bynum Creek	Project Planning	0.39	Riverine
031000147	FM 2114 Automated Flood Gate Feasibility Assessment	Evaluate installation of an automated flood gate that prevents traffic flow on FM 2114 within the flood-prone area during flooding events.	03000003, 03000004	Hill	12030108, 12060202	120301080106, 120602020701, 120301080107	Headwaters Ash Creek, Cottonwood Creek-Ash Creek	Project Planning	8.82	Riverine
031000148	Houston County dike for critical facilities	Evaluate alternatives to build earthen dike to elevate emergency vehicle access road to critical facilities to provide protection to 500-year flood level	03000003, 03000004, 03000011, 03000012, 03000019, 03000020	Houston	12020002, 12030201, 12020001, 12030202	120301080106, 120602020701, 120301080107	Headwaters Ash Creek, Cottonwood Creek-Ash Creek	Project Planning	1,231.75	Riverine
031000149	Grapeland Critical Facilities Floodproofing Assessment	Assess flood proofing critical facilities to the 500-year flood that are located in flood-prone areas of the city in Region 3	03000011, 03000012, 03000019, 03000020	Houston	12030201, 12020001	120200010701, 120302010702, 120302010703	Upper Big Elkhart Creek, Little Elkhart Creek	Project Planning	0.53	Riverine
031000150	Jack County WWTP and Lift Station Flood-Proofing.	Evaluate alternatives to flood-proof sewage treatment plans in flood hazard / low-lying areas. Raise electrical components of sewage lift stations above the BFE.	03000019, 03000020	Jack	12060201, 12030101	120200010701, 120302010702, 120302010703	Upper Big Elkhart Creek, Little Elkhart Creek	Project Planning	917.33	Riverine
031000151	County Rd 125 Automatic Warning Barricade Installation	Evaluate alternatives to install automatic warning barricades at County Rd 125 low-water crossing	03000003, 03000004	Kaufman	12030107	120301070205, 120301070202, 120301070201, 120301070106, 120301070203, 120301070109	Eagans Branch-Kings Creek, Headwaters Big Cottonwood Creek, Muddy Cedar Creek, Rocky Cedar Creek, Allen Creek-Cedar Creek, Williams Creek-Cedar Creek	Project Planning	23.09	Riverine
031000152	City of Liberty WWTP Levee Study	Study to evaluate constructing levee floodwall around waste water treatment plant	03000019, 03000020	Liberty	12030203	120302030203, 120302030301, 120302030305, 120302030302, 120302030204, 120302030109, 120302030201, 120302030303	Lake Bayou-Trinity River, Long Island Creek-Whites Bayou, Cow Island Bayou, Turtle Bayou, Linney Creek-Trinity River, West Prong Old River, Redmond Creek, West Branch Devers Canal-Trinity River	Project Planning	42.25	Riverine

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031000139	Rowlett	Rowlett	N	\$1,100,000		13	6	20	0	0		4.04	19.61		
031000140	Farmers Branch	Farmers Branch	N	\$2,000,000		216	121	13,436	6	5		21.51	129.37		
031000141	Carrollton	Carrollton	N	\$1,000,000		1,068	930	15,723	18	19		48.36	617.10		
031000142	Little Elm	Little Elm	N	\$1,000,000		71	69	282	14	0		5.89	788.03		
031000143	Shady Shores	Shady Shores	N	\$250,000		206	170	583	5	4		12.44	218.44		
031000144	Sanger	Sanger	N	\$600,000		41	37	153	0	0		4.01	921.33		
031000145	Malakoff	Malakoff	N	\$500,000		30	19	284	1	0		1.57	42.99		
031000146	Malone	Malone	N	\$275,000		0	0	0	0	0		0.00	0.00		
031000147	Penelope	Penelope	N	\$30,000		3	2	0	0	0		1.06	938.85		
031000148	Houston County	Houston County	N	\$500,000		21	8	36	5	18		110.11	46,988.31		
031000149	Grapeland	Grapeland	N	\$150,000		14	13	8	0	0		0.03	3.15		
031000150	Jack County	Jack County	N	\$250,000		265	105	230	0	6		54.58	32,105.58		
031000151	Kaufman County	Kaufman County	N	\$50,000		76	58	56	0	0		0.95	1,408.57		
031000152	Liberty	Liberty	N	\$80,000		493	457	1,105	28	3		33.57	3,323.37		

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031000153	Liberty County Re-canalization	Evaluate alternatives to dechannelize existing feeder creeks that flow from north to south and improve drainage for storm water runoff	03000029, 03000030	Liberty	12040103, 12030203, 12040203, 12040201, 12040202, 12020007, 12030202	120301020606, 120301020607, 120301020702	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning	1,169.45	Riverine
031000154	Liberty County Culverts Upgrades	Evaluate alternatives to reduce flooding by increasing size of culverts to 24 inches on County Rd 2361, 2362, 2363, and 2364 and CR 2358	03000003, 03000004, 03000029, 03000030	Liberty	12030203	120302030109	Lake Bayou-Trinity River	Project Planning	3.57	Riverine
031000155	County Rd 2331 Re-Routing	Evaluate alternatives to re-route County Rd 2331 to area not prone to flooding	03000013, 03000014, 03000031, 03000032	Liberty	12030203	120302030301, 120302030109, 120302030108	Gillen Bayou, Lake Bayou-Trinity River, Linney Creek-Trinity River	Project Planning	6.43	Riverine
031000156	"Aqueduct" Drainage System Replacement	Replace current drainage system known as the "Aqueduct" in the city. Includes creating underground drainage along North Main St	03000031, 03000032	Parker	12030102	120301020205, 120301020203, 120301020207, 120301020204	Clear Fork Trinity River-Lake Weatherford, Squaw Creek-Clear Fork Trinity River, Underwood Branch-Willow Creek, South Fork	Project Planning	3.08	Riverine
031000157	Polk County Road and Drainage Improvements	Evaluate road elevation and drainage improvements.	03000003, 03000004, 03000029, 03000030	Polk	12020002, 12020006, 12020007, 12030202	120301030604, 120301030602, 120301030603, 120301030405	Pond Creek-Elm Fork Trinity River, Buck Creek-Clear Creek, Little Duck Creek-Duck Creek, Moores Branch-Clear Creek	Project Planning	1,105.57	Riverine
031000158	Seven Oaks Drainage Ditches	Evaluate drainage ditch along city streets Camp Rd, Pickens Loop, Franklin Rd, Austin Street, and Hunt Street	03000031, 03000032	Polk	12020006, 12030202	120302021003, 120200060101, 120302021001	Barnett Creek-Long King Creek, Alexander Creek-Long King Creek	Project Planning	7.89	Riverine
031000159	Old 35 Sover Sampson Creek Bridge Elevation	Evaluate alternatives to elevate bridge on Old 35 Sover Sampson Creek	03000003, 03000004	Polk	12030202	120302021006, 120302021202	Sanson Creek-Long King Creek, Copeland Creek	Project Planning	4.85	Riverine
031000160	Pennington Rd Culverts	Evaluate alternatives to install multiple culverts under Pennington Rd	03000003, 03000004, 03000031, 03000032	Polk	12030202	120302021006, 120302021202	Sanson Creek-Long King Creek, Copeland Creek	Project Planning	4.85	Riverine
031000161	Seven Oaks Culvert Installation	Evaluate alternatives to install multiple new culverts under Camp Rd, Pickens Loop, and Franklin Rd	03000003, 03000004, 03000031, 03000032	Polk	12020006, 12030202	120302021003, 120200060101, 120302021001	Barnett Creek-Long King Creek, Alexander Creek-Long King Creek	Project Planning	7.89	Riverine
031000162	San Jacinto County Drainage and Conveyance Capacity Improvements	Evaluate alternatives to improve drainage and conveyance capacity for Big Creek.	03000029, 03000030	San Jacinto	12040103, 12030203, 12030202	120301020607, 120301020706, 120301020705	West Carolina Creek-Lake Livingston, Palmetto Creek, Pools Creek-Lake Livingston, McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Huffman Creek-Trinity River, Little Creek-Big Creek, Big Creek-Trinity River, Nevill Bayou	Project Planning	625.52	Riverine
031000163	Rock Creek Road Improvements	Evaluate alternatives to mitigate repetitive damages to Rocky Creek Rd sustained between 2015 - Present	03000003, 03000004, 03000029, 03000030	San Jacinto	12040103, 12030202	120302021105, 120401030307	Wolf Creek-Lake Livingston	Project Planning	3.99	Riverine
031000164	Chipmunk Rd Culverts Replacement	Evaluate alternatives to replace Chipmunk Rd culverts with a bridge	03000003, 03000004, 03000029, 03000030	San Jacinto	12030203, 12030202	120302030101, 120302021207	Big Creek-Trinity River, Nevill Bayou	Project Planning	3.72	Riverine
031000165	Comanche Drive Culvert and Retention Wall Construction Feasibility Assessment	Evaluate feasibility for building a larger culvert and retention wall for watershed over low crossing on Comanche Drive	03000003, 03000004	Tarrant	12030102	120301020105, 120301020501, 120301020104, 120301020101	West Fork Trinity River-Lake Worth, Live Oak Creek-West Fork Trinity River, Farmers Branch-West Fork Trinity River, Marine Creek-West Fork Trinity River	Project Planning	9.85	Riverine
031000166	Aton Storm Drain System Updates	Improve drainage capabilities on the Aton Storm drain system.	03000031, 03000032	Tarrant	12030102	120301020105, 120301020307	Farmers Branch-West Fork Trinity River, Lake Como-Clear Fork Trinity River	Project Planning	4.84	Riverine
031000167	Lower Hardisty Storm Drain Improvements	Evaluate alternatives for storm drain improvements	03000031, 03000032	Tarrant	12030102	120301020504, 120301020506, 120301020704, 120301020505, 120301020503	Little Bear Creek, Whites Branch-Big Fossil Creek, Sycamore Creek-West Fork Trinity River, Headwaters Walker Branch, Walker Branch-West Fork Trinity River	Project Planning	14.76	Riverine
031000168	Big Bear Creek, Little Bear Creek, and Marshall Branch Stream Bank Erosion Study	Study to reduce stream bank erosion impacts along Big Bear Creek, Little Bear Creek, and Marshall Branch to improve drainage within the City of Keller	03000031, 03000032	Denton, Montague, Tarrant, Wise	12030103, 12030104, 12030101, 12030102, 11130201	120301020504, 120301020506, 120301020704, 120301020505, 120301020503	Little Bear Creek, Whites Branch-Big Fossil Creek, Sycamore Creek-West Fork Trinity River, Headwaters Walker Branch, Walker Branch-West Fork Trinity River	Project Planning	734.68	Riverine

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031000153	Liberty County	Liberty County	N	\$500,000		8,682	8,049	12,221	87	6		256.55	71,161.52		
031000154	Liberty County	Liberty County	N	\$100,000		0	0	0	0	0		0.47	286.84		
031000155	Dayton Lake Estates	Dayton Lake Estates	N	\$100,000		15	9	4	0	0		3.58	176.21		
031000156	Hudson Oaks	Hudson Oaks	N	\$100,000		11	10	30	0	0		1.76	13.20		
031000157	Polk County	Polk County	N	\$500,000		3,485	3,119	5,167	31	3		92.37	15,993.65		
031000158	Seven Oaks	Seven Oaks	N	\$100,000		6	4	10	0	0		0.63	551.82		
031000159	Goodrich	Goodrich	N	\$100,000		46	37	27	1	0		0.27	28.68		
031000160	Goodrich	Goodrich	N	\$100,000		46	37	27	1	0		0.27	28.68		
031000161	Seven Oaks	Seven Oaks	N	\$100,000		6	4	10	0	0		0.63	551.82		
031000162	Shepherd, San Jacinto County	Shepherd, San Jacinto County	N	\$250,000		2,637	2,505	3,161	13	0		82.53	11,298.66		
031000163	San Jacinto County, Shepherd	San Jacinto County, Shepherd	N	\$100,000		32	31	39	0	0		0.55	17.13		
031000164	San Jacinto County, Shepherd	San Jacinto County, Shepherd	N	\$500,000		8	8	7	0	0		0.35	150.49		
031000165	Fort Worth	Fort Worth	N	\$60,000		294	221	416	0	0		4.31	63.09		
031000166	Westworth Village	Westworth Village	N	\$200,000		643	630	1,707	2	1		7.57	192.30		
031000167	Richland Hills	Richland Hills	N	\$125,000		933	825	4,781	6	25		20.73	36.86		
031000168	Keller	Keller	N	\$50,000		1,369	1,133	8,089	18	50		91.37	28,753.88		

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
031000169	Calloway Branch Erosion Control Study	Evaluate erosion control measures in Calloway Branch to eliminate erosion of stream bank.	03000031, 03000032	Tarrant	12030102	120301020506, 120301020704, 120301020505, 120301020701, 120301020503	Little Bear Creek, Whites Branch-Big Fossil Creek, Headwaters Walker Branch, Walker Branch-West Fork Trinity River, Hurricane Creek-West Fork Trinity River	Project Planning	27.51	Riverine
031000170	Mansfield Stream Stabilization Study	Evaluate alternatives to protect public infrastructure and private property from damages due to streambank erosion. Alternatives could include Saddlehorn/Walnut Creek sewer interceptor aerial crossing and Brookfield Hogpen sewer interceptor	03000031, 03000032	Tarrant	12030102	120301020603, 120301020601, 120301020604, 120301020605, 120301020405	Rush Creek-Village Creek, Headwaters Mountain Creek, Low Branch-Mountain Creek, King Branch-Walnut Creek, Lynn Creek-Walnut Creek	Project Planning	36.49	Riverine
031000171	Turkey Creek Trail Bridge	Evaluate alternatives to construct Bridge at Low-Water Crossing on Turkey Creek Trail.	03000003, 03000004	Wise	12030101	120301010410, 120301010411	Village Creek-West Fork Trinity River, Dry Creek-West Fork Trinity River	Project Planning	4.94	Riverine
031000172	Turkey Creek Trail Rebuild	Evaluate alternatives to rebuild Turkey Creek Trail from 9th Street to State Highway 114.	03000031, 03000032	Wise	12030101	120301010410, 120301010411	Village Creek-West Fork Trinity River, Dry Creek-West Fork Trinity River	Project Planning	4.94	Riverine
031000173	West Bridgeport Creek Channelization and Drainage Project	West Bridgeport Creek Channelization and Drainage Project Feasibility Assessment.	03000031, 03000032	Wise	12030101	120301010404, 120301010405, 120301010410, 120301010411, 120301010602, 120301010408, 120301010409	Venchoner Creek, Big Creek-Lake Bridgeport, Willow Creek, Lake Bridgeport, Village Creek-West Fork Trinity River, Dry Creek-West Fork Trinity River, Garrett Creek	Project Planning	27.78	Riverine
031000174	North Weatherford St and Oakwood St Structure Improvements	Structure improvements assessment - North Weatherford St in front of fire station and Oakwood St between Granada and El Camino.	03000031, 03000032	Wise	12030101	120301010404, 120301010410, 120301010411, 120301010508	Venchoner Creek, Village Creek-West Fork Trinity River, Dry Creek-West Fork Trinity River, Pringle Creek-Big Sandy Creek	Project Planning	5.84	Riverine
031000175	Hurstview Drive Bridge Improvement	Lorean watershed; \$ Estimated construction cost of 390,000 cost estimate; from 2013 study	03000003, 03000004, 03000031, 03000032	Tarrant	12030102	120301020704, 120301020505	Little Bear Creek, Headwaters Walker Branch	Project Planning	4.27	Riverine
031000176	Regional Detention at Mayfair Park	Valley View watershed; \$ Estimated construction cost of 1,900,000 cost estimate; from 2017 study	03000013, 03000014, 03000031, 03000032	Tarrant	12030102	120301020704, 120301020505	Little Bear Creek, Headwaters Walker Branch	Project Planning	3.30	Riverine
031000177	TRE & SH-10 Culvert Improvements	Valley View watershed; \$ Estimated construction cost of 750,000 cost estimate; from 2017 study	03000003, 03000004, 03000009, 03000010, 03000031, 03000032	Tarrant	12030102	120301020506, 120301020704, 120301020505, 120301020701, 120301020503	Little Bear Creek, Whites Branch-Big Fossil Creek, Headwaters Walker Branch, Walker Branch-West Fork Trinity River, Hurricane Creek-West Fork Trinity River	Project Planning	27.51	Riverine
031000178	Pipeline Road Bridge Improvement	Walker watershed; \$ Estimated construction cost of 1,700,000 cost estimate; from 2020 study	03000031, 03000032	Tarrant	12030102	120301020506, 120301020704, 120301020505, 120301020701, 120301020503	Little Bear Creek, Whites Branch-Big Fossil Creek, Headwaters Walker Branch, Walker Branch-West Fork Trinity River, Hurricane Creek-West Fork Trinity River	Project Planning	27.51	Riverine
031000179	Redbud Drive Bridge Improvement	Walker watershed; \$ Estimated construction cost of 1,200,000 cost estimate; from 2020 study	03000031, 03000032	Tarrant	12030102	120301020704, 120301020505	Little Bear Creek, Headwaters Walker Branch	Project Planning	4.27	Riverine
031000180	Northeast Mall Culvert Improvement	Walker watershed; \$ Estimated construction cost of 11,600,000 cost estimate; from 2020 study	03000031, 03000032	Tarrant	12030102	120301020704, 120301020505	Little Bear Creek, Headwaters Walker Branch	Project Planning	5.17	Riverine
031000181	Grand Parkway Culvert Crossing	Evaluate alternatives to upsize cross-culverts to allow for developed flow	03000003, 03000004, 03000009, 03000010, 03000031, 03000032	Chambers	12030203, 12040203	120402030105, 120302030307, 120402030106, 120402030200, 120302030306, 120302030304	Lynchburg Canal-Old River, Lost River-Old River	Project Planning	8.60	Riverine
031000182	Cherry Point Gully PER	Evaluate alternatives to construct a diversion channel; channel improvements upstream of diversion; construction of regional detention basins as alternative to diversion channel construction	03000031, 03000032	Chambers	12030203, 12040203	120402030105, 120302030304, 120402030104	Lynchburg Canal-Old River	Project Planning	5.64	Riverine

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031000169	Hurst	Hurst	N	\$50,000		584	531	3,457	5	25		21.56	335.16		
031000170	Mansfield	Mansfield	N	\$182,000		422	385	2,492	4	12		30.21	778.52		
031000171	Bridgeport	Bridgeport	N	\$250,000		0	0	0	1	1		4.49	0.00		
031000172	Bridgeport	Bridgeport	N	\$63,000		91	59	275	1	1		4.49	167.78		
031000173	Bridgeport	Bridgeport	N	\$150,000		121	79	308	1	2		6.75	2,778.06		
031000174	Chico	Chico	N	\$200,000		30	23	35	2	0		1.81	303.36		
031000175	Hurst	Hurst	N	\$250,000		68	61	189	1	1		2.84	15.72		
031000176	Hurst	Hurst	N	\$250,000		189	187	1,199	1	12		5.23	9.02		
031000177	Hurst	Hurst	N	\$250,000		584	531	3,457	5	25		21.56	335.16		
031000178	Hurst	Hurst	N	\$250,000		584	531	3,457	5	25		21.56	335.16		
031000179	Hurst	Hurst	N	\$250,000		68	61	189	1	1		2.84	15.72		
031000180	Hurst	Hurst	N	\$582,000		91	85	380	0	1		2.37	7.66		
031000181	Mont Belvieu	Mont Belvieu	N	\$100,000		209	191	358	0	0		4.00	741.75		
031000182	Mont Belvieu	Mont Belvieu	N	\$100,000		252	227	557	0	0		4.01	755.35		

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FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
031000183	Cotton Bayou PER	Evaluate alternatives to construct a diversion channel within irrigation canal ROW to drain to Old River; construction of detention basins to serve new development; linear detention through channel improvements; expansion of existing detention basins	03000031, 03000032	Chambers	12030203, 12040203	120402030105, 120302030307, 120402030106, 120402030200, 120302030306, 120302030304	Lynchburg Canal-Old River, Lost River-Old River	Project Planning	24.54	Riverine
031000184	Belt Line Rd (FM1382) at Cottonwood Creek	Study update - Channel Improvements; Estimated construction cost of \$4,502,500	03000031, 03000032	Dallas, Tarrant	12030102	120301020606, 120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning	12.51	Riverine
031000185	North Grand Prairie High School Pond Crossing	Study update - Gopher Creek 430 feet north of Small Hill St; channel improvements; Estimated construction cost of \$159,500	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning	3.84	Riverine
031000186	Belt Line Rd at Plattner Creek	Study update - Channel Improvements; Estimated construction cost of \$435,500	03000031, 03000032	Dallas	12030102	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning	2.62	Riverine
031000187	Small Hill St at Gopher Creek	Study update - Channel Improvements; Estimated construction cost of \$307,700	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning	3.84	Riverine
031000188	Carrier Parkway at Dalworth Creek	Study update - 190 feet southeast of Capetown; Channel Improvements; Estimated construction cost of \$1,092,000	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning	2.19	Riverine
031000189	East Tarrant Rd at Gopher Creek	Study update - Channel Improvements; Estimated construction cost of \$381,300	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning	3.84	Riverine
031000190	NE 5th St at Gopher Creek	Study update - Channel Improvements; Estimated construction cost of \$390,200	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning	3.84	Riverine
031000191	Grass-covered Culvert at Dalworth Creek	Study update - 520 feet west of Carrier Parkway; Channel Improvements; Estimated construction cost of \$1,048,700	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning	2.19	Riverine
031000192	High School Drive at Gopher Creek	Study update - Channel Improvements; Estimated construction cost of \$402,400	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning	3.84	Riverine
031000193	Duncan Perry Rd at Johnson Creek	Study update - Channel Improvements; Estimated construction cost of \$5,374,200	03000031, 03000032	Dallas, Tarrant	12030102	120301020606, 120301020607, 120301020706, 120301020701, 120301020702, 120301020405	Delaware Creek-West Fork Trinity River, Rush Creek-Village Creek, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Hurricane Creek-West Fork Trinity River, Johnson Creek	Project Planning	20.95	Riverine
031000194	Great Southwest Parkway at Cottonwood Creek Bridge and Roadway Raising Improvements (Stream Station 104+64)	Study update - Channel Improvements; Estimated construction cost of \$9,538,300	03000031, 03000032	Dallas, Tarrant	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning	5.59	Riverine
031000195	West Park Square Rd at Turner Branch	Study update - Channel Improvements; Estimated construction cost of \$445,200	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning	3.84	Riverine
031000196	Carrier Parkway at Cottonwood Creek and South Fork Cottonwood Creek - Bridges	Study update - Channel Improvements; Estimated construction cost of \$18,164,400	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning	5.59	Riverine
031000197	3rd St at Cottonwood Creek and Cottonwood Creek from SW 3rd to FM 1382	Study update - Channel Improvements; Estimated construction cost of \$12,733,000	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning	12.51	Riverine
031000198	FM 661 at Mountain Creek (Future with Development)	Study update - Channel Improvements; Estimated construction cost of \$7,750,000	03000031, 03000032	Dallas	12030109, 12030102	120301020603, 120301090103, 120301090101, 120301020601, 120301020604, 120301090102, 120301020605, 120301020602	Headwaters Mountain Creek, Soap Creek, Low Branch-Mountain Creek, King Branch-Walnut Creek, Headwaters North Fork Chambers Creek, Upper North Fork Chambers Creek, Armstrong Creek-Cottonwood Creek	Project Planning	49.59	Riverine
031000199	Green Hollow Drive North and South of Thornbush Drive	Study update - Storm Drain Improvements; Estimated construction cost of \$247,000	03000031, 03000032	Dallas	12030102	120301020606	Fish Creek-Mountain Creek Lake	Project Planning	1.58	Riverine

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031000183	Mont Belvieu	Mont Belvieu	N	\$250,000		645	566	3,070	12	0		14.45	749.46		
031000184	Grand Prairie	Grand Prairie	N	\$250,000		122	113	890	1	12		5.98	32.32		
031000185	Grand Prairie	Grand Prairie	N	\$250,000		18	7	1,107	2	0		3.37	160.73		
031000186	Grand Prairie	Grand Prairie	N	\$250,000		4	4	23	0	1		0.11	3.17		
031000187	Grand Prairie	Grand Prairie	N	\$250,000		18	7	1,107	2	0		3.37	160.73		
031000188	Grand Prairie	Grand Prairie	N	\$250,000		30	29	112	0	3		0.96	10.40		
031000189	Grand Prairie	Grand Prairie	N	\$250,000		18	7	1,107	2	0		3.37	160.73		
031000190	Grand Prairie	Grand Prairie	N	\$250,000		18	7	1,107	2	0		3.37	160.73		
031000191	Grand Prairie	Grand Prairie	N	\$250,000		30	29	112	0	3		0.96	10.40		
031000192	Grand Prairie	Grand Prairie	N	\$250,000		18	7	1,107	2	0		3.37	160.73		
031000193	Grand Prairie	Grand Prairie	N	\$269,000		405	360	4,090	8	16		12.71	50.49		
031000194	Grand Prairie	Grand Prairie	N	\$477,000		61	60	350	1	5		2.73	16.43		
031000195	Grand Prairie	Grand Prairie	N	\$250,000		18	7	1,107	2	0		3.37	160.73		
031000196	Grand Prairie	Grand Prairie	N	\$908,000		61	60	350	1	5		2.73	16.43		
031000197	Grand Prairie	Grand Prairie	N	\$637,000		122	113	890	1	12		5.98	32.32		
031000198	Grand Prairie	Grand Prairie	N	\$388,000		224	185	451	1	48		7.16	3,239.75		
031000199	Grand Prairie	Grand Prairie	N	\$250,000		19	18	302	0	0		0.78	19.68		

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031000200	Carrier Parkway & Egyptian Way	Study update - Storm Drain Improvements; Estimated construction cost of \$3,165,300	03000031, 03000032	Dallas, Tarrant	12030102	120301020606, 120301020607, 120301020706, 120301020701, 120301020702, 120301020405	Delaware Creek-West Fork Trinity River, Rush Creek-Village Creek, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Hurricane Creek-West Fork Trinity River, Johnson Creek	Project Planning	20.95	Riverine
031000201	East Pioneer Parkway & SE 14th St	Study update - Storm Drain Improvements; Estimated construction cost of \$3,742,700	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning	5.20	Riverine
031000202	Great Southwest Parkway & Pinewood Drive	Study update - Storm Drain Improvements; Estimated construction cost of \$3,998,200	03000031, 03000032	Dallas, Tarrant	12030102	120301020606, 120301020607, 120301020702	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning	4.59	Riverine
031000203	Lake Park Drive and Victoria Drive	Study update - Storm Drain Improvements; Estimated construction cost of \$1,094,100	03000031, 03000032	Dallas	12030102	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning	2.62	Riverine
031000204	Regional Detention at Bowie Elementary School	Study update - Storm Drain Improvements; Estimated construction cost of \$3,433,500	03000031, 03000032	Dallas	12030102	120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning	2.34	Riverine
031000205	Shady Grove Rd - Jones St Storm Drainage Improvements	Study update - Storm Drain Improvements; Estimated construction cost of \$1,679,200	03000007, 03600008, 03000009, 03000010, 03000031, 03000032	Dallas	12030102	120301020701, 120301020705	Estelle Creek-Bear Creek, Hurricane Creek-West Fork Trinity River	Project Planning	3.14	Riverine
031000206	Duncan Perry Rd, Heritage Court and Goodwin Branch	Study update - Storm Drain Improvements; Estimated construction cost of \$1,175,300	03000007, 03600008, 03000009, 03000010, 03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706, 120301020701, 120301020702, 120301020405	Delaware Creek-West Fork Trinity River, Rush Creek-Village Creek, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Hurricane Creek-West Fork Trinity River, Johnson Creek	Project Planning	20.95	Riverine
031000207	Thousand Oaks Court	Study update - Storm Drain Improvements; Estimated construction cost of \$742,700	03000031, 03000032	Dallas	12030103, 12030102	120301031006, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Branch-Hackberry Creek	Project Planning	3.21	Riverine
031000208	East Marshall Drive, Santa Cruz Circle & Belt Line Rd	Study update - Storm Drain Improvements; Estimated construction cost of \$1,753,800	03000031, 03000032	Dallas	12030102	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning	2.62	Riverine
031000209	East Main St & NE 14th St	Study update - Storm Drain Improvements; Estimated construction cost of \$5,879,400	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning	3.84	Riverine
031000210	Marshall Drive from Emerald to SW 3rd	Study update - Storm Drain Improvements; Estimated construction cost of \$3,603,100	03000031, 03000032	Dallas	12030102	120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning	2.34	Riverine
031000211	Varsity Drive and Christy St from Varsity to Mountain Creek Lake	Study update - Storm Drain Improvements; Estimated construction cost of \$4,768,500	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning	7.82	Riverine
031000212	SE 10th Street and Avion Parkway from Perman South to Culvert Crossing	Study update - Storm Drain Improvements; Estimated construction cost of \$1,158,400	03000031, 03000032	Dallas	12030102	120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning	2.34	Riverine
031000213	SW 3rd Street from Dorris North to Concrete Channel	Study update - Storm Drain Improvements; Estimated construction cost of \$4,024,800	03000031, 03000032	Dallas	12030102	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning	2.62	Riverine
031000214	Bowles St & Hensley Drive	Study update - Storm Drain Improvements; Estimated construction cost of \$1,295,700	03000031, 03000032	Dallas	12030102	120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning	2.77	Riverine
031000215	Manana Channel Improvements	Study update - Storm Drain Improvements; Estimated construction cost of \$967,600	03000031, 03000032	Dallas	12030103, 12030102	120301031006, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Branch-Hackberry Creek	Project Planning	3.21	Riverine
031000216	South of Bardin Rd and North of Newberry St	Study update - Storm Drain Improvements; Estimated construction cost of \$2,007,600	03000031, 03000032	Dallas	12030102	120301020606	Fish Creek-Mountain Creek Lake	Project Planning	4.81	Riverine
031000217	Cherokee Trace and Choctaw Trace to Clarice	Study update - Storm Drain Improvements; Estimated construction cost of \$2,715,600	03000031, 03000032	Dallas	12030102	120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning	2.34	Riverine
031000218	Gilbert Rd Drainage Improvements	Study update - Storm Drain Improvements; Estimated construction cost of \$5,825,500	03000031, 03000032	Dallas	12030103, 12030102	120301031006, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Branch-Hackberry Creek	Project Planning	3.21	Riverine
031000219	27th Street and Graham Street from Rinehart to Channel	Study update - Storm Drain Improvements; Estimated construction cost of \$1,419,800	03000031, 03000032	Dallas	12030102, 12030105	120301050102, 120301020706	Delaware Creek-West Fork Trinity River, Coombs Creek-Trinity River	Project Planning	1.61	Riverine
031000220	East Marshall Drive & Avenue C, East Coral & SE 14th Street and in SE 14th Street & Bogarte Drive	Study update - Storm Drain Improvements; Estimated construction cost of \$6,399,100	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning	5.20	Riverine

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FME ID	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost (2020 \$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road segment closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
031000200	Grand Prairie	Grand Prairie	N	\$250,000		405	360	4,090	8	16		12.71	50.49		
031000201	Grand Prairie	Grand Prairie	N	\$250,000		3	3	0	0	0		0.54	27.62		
031000202	Grand Prairie	Grand Prairie	N	\$250,000		19	17	107	0	5		2.11	7.95		
031000203	Grand Prairie	Grand Prairie	N	\$250,000		4	4	23	0	1		0.11	3.17		
031000204	Grand Prairie	Grand Prairie	N	\$250,000		42	36	433	0	2		1.14	7.94		
031000205	Grand Prairie	Grand Prairie	N	\$250,000		140	133	1,761	1	0		4.85	168.96		
031000206	Grand Prairie	Grand Prairie	N	\$250,000		405	360	4,090	8	16		12.71	50.49		
031000207	Grand Prairie	Grand Prairie	N	\$250,000		75	73	1,003	2	4		1.25	1.24		
031000208	Grand Prairie	Grand Prairie	N	\$250,000		4	4	23	0	1		0.11	3.17		
031000209	Grand Prairie	Grand Prairie	N	\$294,000		18	7	1,107	2	0		3.37	160.73		
031000210	Grand Prairie	Grand Prairie	N	\$250,000		42	36	433	0	2		1.14	7.94		
031000211	Grand Prairie	Grand Prairie	N	\$250,000		7	7	23	0	1		0.65	30.79		
031000212	Grand Prairie	Grand Prairie	N	\$250,000		42	36	433	0	2		1.14	7.94		
031000213	Grand Prairie	Grand Prairie	N	\$250,000		4	4	23	0	1		0.11	3.17		
031000214	Grand Prairie	Grand Prairie	N	\$250,000		5	5	0	0	0		0.99	9.62		
031000215	Grand Prairie	Grand Prairie	N	\$250,000		75	73	1,003	2	4		1.25	1.24		
031000216	Grand Prairie	Grand Prairie	N	\$250,000		22	21	314	0	0		1.32	26.93		
031000217	Grand Prairie	Grand Prairie	N	\$250,000		42	36	433	0	2		1.14	7.94		
031000218	Grand Prairie	Grand Prairie	N	\$291,000		75	73	1,003	2	4		1.25	1.24		
031000219	Grand Prairie	Grand Prairie	N	\$250,000		37	2	102	4	0		0.62	144.29		
031000220	Grand Prairie	Grand Prairie	N	\$320,000		3	3	0	0	0		0.54	27.62		

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FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
031000221	Lakeview Drive & SE 14th Street	Study update - Storm Drain Improvements; Estimated construction cost of \$3,570,700	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning	5.20	Riverine
031000222	WE Roberts St & SW 16th St	Study update - Storm Drain Improvements; Estimated construction cost of \$1,625,900	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning	5.59	Riverine
031000223	Jelmak Rd - Hardrock Rd	Study update - Storm Drain Improvements; Estimated construction cost of \$5,095,800	03000031, 03000032	Dallas	12030102	120301020701, 120301020705	Estelle Creek-Bear Creek, Hurricane Creek-West Fork Trinity River	Project Planning	3.14	Riverine
031000224	Shady Grove Rd, Gilbert Rd, Wright Blvd	Study update - Storm Drain Improvements; Estimated construction cost of \$2,860,900	03000031, 03000032	Dallas	12030103, 12030102	120301031006, 120301020706, 120301020701, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Hurricane Creek-West Fork Trinity River, Cottonwood Branch-Hackberry Creek	Project Planning	6.35	Riverine
031000225	Parker Rd - Hardrock Rd	Study update - Storm Drain Improvements; Estimated construction cost of \$5,760,800	03000031, 03000032	Dallas	12030102	120301020706, 120301020701, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Hurricane Creek-West Fork Trinity River	Project Planning	5.23	Riverine
031000226	North Carrier Parkway & Main St to Dalworth Creek Channel	Study update - Storm Drain Improvements; Estimated construction cost of \$8,803,700	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning	2.19	Riverine
031000227	Pioneer Parkway from Brady to Plattner Creek (TXDOT)	Study update - Storm Drain Improvements; Estimated construction cost of \$9,511,900	03000031, 03000032	Dallas	12030102	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning	2.62	Riverine
031000228	NW 24th St & NW 23rd St from West Main to Ditch Near Dalworth St and Doreen St	Study update - Storm Drain Improvements; Estimated construction cost of \$5,982,600	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning	2.19	Riverine
031000229	Detention Basin at St. Michael's Church Vacant Property and Relief Storm Drains in Corn Valley Rd and Neighboring Streets from Santa Anna to Kirby Creek Channel	Study update - Storm Drain Improvements; Estimated construction cost of \$18,766,400	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning	11.65	Riverine
031000230	River Ridge Boulevard	Study update - Storm Drain Improvements; Estimated construction cost of \$6,148,800	03000031, 03000032	Dallas	12030102	120301020706, 120301020701, 120301020702, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Hurricane Creek-West Fork Trinity River, Johnson Creek	Project Planning	7.92	Riverine
031000231	East Grand Prairie Rd & 14th Street from Austin to Ditch South of Skyline	Study update - Storm Drain Improvements; Estimated construction cost of \$8,549,300	03000009, 03000010, 03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning	5.20	Riverine
031000232	Shady Grove Rd	Study update - Storm Drain Improvements; Estimated construction cost of \$6,737,200	03000009, 03000010, 03000031, 03000032	Dallas	12030102	120301020706, 120301020701, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Hurricane Creek-West Fork Trinity River	Project Planning	5.23	Riverine
031000233	Various Streets and Alleys from Dallas Street West of NW 20th Street to Ditch Just South of WE Roberts Street	Study update - Storm Drain Improvements; Estimated construction cost of \$10,656,800	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning	5.59	Riverine
031000234	South Great Southwest Parkway from Warrior to Kirby Creek Concrete Channel North of Mayfield	Study update - Storm Drain Improvements; Estimated construction cost of \$1,411,100	03000031, 03000032	Dallas	12030102	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning	2.84	Riverine
031000235	South Great Southwest Parkway from North of Forum Drive to Prairie Creek Channel	Study update - Storm Drain Improvements; Estimated construction cost of \$2,127,800	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020702	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning	5.76	Riverine
031000236	South Great Southwest Parkway from Sherman to Cottonwood Creek	Study update - Storm Drain Improvements; Estimated construction cost of \$6,881,500	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning	5.59	Riverine
031000237	Arbor Creek Pedestrian Bridge Repair and Channel Bottom Stabilization	270 feet south of Johnson Creek and 290 feet east of SH 161; Estimated construction cost of \$270,900	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706, 120301020701, 120301020702, 120301020405	Delaware Creek-West Fork Trinity River, Rush Creek-Village Creek, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Hurricane Creek-West Fork Trinity River, Johnson Creek	Project Planning	21.14	Riverine

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031000221	Grand Prairie	Grand Prairie	N	\$250,000		3	3	0	0	0		0.54	27.62		
031000222	Grand Prairie	Grand Prairie	N	\$250,000		61	60	350	1	5		2.73	16.43		
031000223	Grand Prairie	Grand Prairie	N	\$255,000		140	133	1,761	1	0		4.85	168.96		
031000224	Grand Prairie	Grand Prairie	N	\$250,000		215	206	2,764	3	4		6.09	170.20		
031000225	Grand Prairie	Grand Prairie	N	\$288,000		165	156	2,782	1	0		5.65	265.26		
031000226	Grand Prairie	Grand Prairie	N	\$440,000		30	29	112	0	3		0.96	10.40		
031000227	Grand Prairie	Grand Prairie	N	\$476,000		4	4	23	0	1		0.11	3.17		
031000228	Grand Prairie	Grand Prairie	N	\$299,000		30	29	112	0	3		0.96	10.40		
031000229	Grand Prairie	Grand Prairie	N	\$938,000		10	8	27	0	2		1.21	61.32		
031000230	Grand Prairie	Grand Prairie	N	\$307,000		32	19	599	0	4		6.28	197.25		
031000231	Grand Prairie	Grand Prairie	N	\$427,000		3	3	0	0	0		0.54	27.62		
031000232	Grand Prairie	Grand Prairie	N	\$337,000		165	156	2,782	1	0		5.65	265.26		
031000233	Grand Prairie	Grand Prairie	N	\$533,000		61	60	350	1	5		2.73	16.43		
031000234	Grand Prairie	Grand Prairie	N	\$250,000		1	0	0	0	1		0.19	7.38		
031000235	Grand Prairie	Grand Prairie	N	\$344,000		25	22	421	1	0		3.89	7.83		
031000236	Grand Prairie	Grand Prairie	N	\$250,000		61	60	350	1	5		2.73	16.43		
031000237	Grand Prairie	Grand Prairie	N	\$250,000		405	360	4,090	8	16		12.72	56.07		

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FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
031000238	Gopher Creek Stream Bottom Stabilization	downstream of NE 5th Street; between High School Drive and NE 5th Street; downstream of Belt Line Road; Estimated construction cost of \$65,600 (?) + Estimated construction cost of \$127,300; downstream of High School Drive; Estimated construction cost of \$70,500	03000027, 03000028, 03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning	3.84	Riverine
031000239	Turner Branch Stream Bottom Stabilization	380 feet south of Small Hill Street to 450 feet north of East Tarrant Road; Estimated construction cost of \$187,200 (?)	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning	3.84	Riverine
031000240	Arbor Creek Channel Bottom Stabilization	Channelization, Stabilization, and Bank Armoring from SH 161 East to Johnson Creek Confluence; Estimated construction cost of \$2,096,900; from Duncan Perry to SH 161; Estimated construction cost of \$991,600	03000027, 03000028, 03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706, 120301020701, 120301020702, 120301020405	Delaware Creek-West Fork Trinity River, Rush Creek-Village Creek, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Hurricane Creek-West Fork Trinity River, Johnson Creek	Project Planning	20.95	Riverine
031000241	North Fork of Cottonwood Creek Stabilization	from Great Southwest to Carrier; Estimated construction cost of \$214,900	03000027, 03000028, 03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning	5.59	Riverine
031000242	Kirby Creek Channel Lining Replacements	from 800 feet east of Great Southwest to West of Waterwood; just north of Kildeer cul-de-sac and from Waterwood East to End of Channel Lining just east of Greenvista; Estimated construction cost of \$1,267,200	03000031, 03000032	Dallas	12030102	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning	2.84	Riverine
031000243	Dry Branch Stream Bottom Stabilization	300 feet south of Rock Island (2 locations); Estimated construction cost of \$91,300	03000027, 03000028, 03000031, 03000032	Dallas	12030103, 12030102	120301031006, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Branch-Hackberry Creek	Project Planning	3.21	Riverine
031000244	Johnson Creek Avenue J Stabilization	Bridge abutment repair and channel bank stabilization; Estimated construction cost of \$168,500	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706, 120301020701, 120301020702, 120301020405	Delaware Creek-West Fork Trinity River, Rush Creek-Village Creek, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Hurricane Creek-West Fork Trinity River, Johnson Creek	Project Planning	20.95	Riverine
031000245	Garden Branch Stabilization	Channel bottom stabilization from Camp Wisdom to Great Southwest; Estimated construction cost of \$176,100	03000027, 03000028, 03000031, 03000032	Dallas	12030102	120301020606, 120301020605	Lynn Creek-Walnut Creek, Fish Creek-Mountain Creek Lake	Project Planning	7.29	Riverine
031000246	Warrior Creek Stabilization	From Great Southwest to South Fork Cottonwood Creek; Estimated construction cost of \$518,500	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning	10.18	Riverine
031000247	Dalworth Creek Stabilization	Repair of gabions and protection of wastewater crossing downstream of I-30; Estimated construction cost of \$402,000; from Dalworth Street to Roman; Estimated construction cost of \$278,900	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning	2.19	Riverine
031000248	South Fork Cottonwood Creek	from Great Southwest to Carrier; Estimated construction cost of \$781,200	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020702	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning	4.59	Riverine
031000249	Willis Branch Stabilization	Dam removal and south channel bank stabilization just west of Devon cul-de-sac; Estimated construction cost of \$48,600; from Great Southwest to Sheffield; Estimated construction cost of \$200,700	03000031, 03000032	Dallas	12030102	120301020606, 120301020605	Lynn Creek-Walnut Creek, Fish Creek-Mountain Creek Lake	Project Planning	7.29	Riverine
031000250	Johnson Creek Stabilization	Replacement of failed inline channel structure 500 feet east of SH 161 and channel sediment removal; Estimated construction cost of \$1,979,000; south channel bank stabilization north of Babbling Brook from Quest to Shadow Pass; Estimated construction cost of \$831,700; north channel bank stabilization north of North	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706, 120301020701, 120301020702, 120301020405	Delaware Creek-West Fork Trinity River, Rush Creek-Village Creek, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Hurricane Creek-West Fork Trinity River, Johnson Creek	Project Planning	20.95	Riverine
031000251	Henry Branch Stream Stabilization	from apartments at 1000 South Belt Line to Grand Prairie Road; Estimated construction cost of \$127,900	03000031, 03000032	Dallas	12030102	120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning	2.34	Riverine

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031000238	Grand Prairie	Grand Prairie	N	\$250,000		18	7	1,107	2	0		3.37	160.73		
031000239	Grand Prairie	Grand Prairie	N	\$250,000		18	7	1,107	2	0		3.37	160.73		
031000240	Grand Prairie	Grand Prairie	N	\$250,000		405	360	4,090	8	16		12.71	50.49		
031000241	Grand Prairie	Grand Prairie	N	\$250,000		61	60	350	1	5		2.73	16.43		
031000242	Grand Prairie	Grand Prairie	N	\$250,000		1	0	0	0	1		0.19	7.38		
031000243	Grand Prairie	Grand Prairie	N	\$250,000		75	73	1,003	2	4		1.25	1.24		
031000244	Grand Prairie	Grand Prairie	N	\$250,000		405	360	4,090	8	16		12.71	50.49		
031000245	Grand Prairie	Grand Prairie	N	\$250,000		42	39	332	2	2		2.26	48.45		
031000246	Grand Prairie	Grand Prairie	N	\$250,000		80	77	457	1	10		4.84	24.38		
031000247	Grand Prairie	Grand Prairie	N	\$250,000		30	29	112	0	3		0.96	10.40		
031000248	Grand Prairie	Grand Prairie	N	\$250,000		19	17	107	0	5		2.11	7.95		
031000249	Grand Prairie	Grand Prairie	N	\$250,000		42	39	332	2	2		2.26	48.45		
031000250	Grand Prairie	Grand Prairie	N	\$250,000		405	360	4,090	8	16		12.71	50.49		
031000251	Grand Prairie	Grand Prairie	N	\$250,000		42	36	433	0	2		1.14	7.94		

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
031000252	Plattner Creek Stabilization	from FM 1382 to City Limits of Dallas, west of SE 14th; Estimated construction cost of \$252,900	03000031, 03000032	Dallas	12030102	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning	2.62	Riverine
031000253	Prairie Creek Stabilization	from upstream of Great Southwest Pkwy to upstream of Robinson Road; Estimated construction cost of \$606,900	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020702	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning	5.76	Riverine
031000254	Stuart Branch Stabilization	from 460 feet north of Sanctuary Drive and 350 feet northeast of Nature Court cul-de-sac to Joe Pool Lake (future with development); Estimated construction cost of \$349,700	03000031, 03000032	Dallas	12030109, 12030102, 12030105	120301020603, 120301050301, 120301090301	Low Branch-Mountain Creek, Headwaters Red Oak Creek, Headwaters Waxahachie Creek	Project Planning	6.21	Riverine
031000255	Swadley Branch Stabilization	from 2200 feet south of Koscher Drive to Joe Pool Lake (future with development); Estimated construction cost of \$286,800	03000031, 03000032	Dallas	12030102	120301020603, 120301020605	Low Branch-Mountain Creek, Lynn Creek-Walnut Creek	Project Planning	3.60	Riverine
031000256	Mills Branch Stabilization	from 880 feet south of South Periwinkle Court cul-de-sac to Joe Pool Lake (future with development); Estimated construction cost of \$599,300	03000031, 03000032	Dallas	12030102	120301020603, 120301020605	Low Branch-Mountain Creek, Lynn Creek-Walnut Creek	Project Planning	3.60	Riverine
031000257	Tarrell Creek Stabilization	from a Stream Point 2420 feet south of South Periwinkle Court cul-de-sac and 800 feet east of South Periwinkle Court cul-de-sac to Joe Pool Lake (future with development); Estimated construction cost of \$747,200	03000031, 03000032	Dallas	12030102	120301020603, 120301020605	Low Branch-Mountain Creek, Lynn Creek-Walnut Creek	Project Planning	3.60	Riverine
031000258	Jackson Meadows Pond Erosion Control	Erosion control measures around three pond headwalls to decrease flow velocity.	03000031, 03000032	Collin, Dallas	12030106	120301060408, 120301060403	Muddy Creek-Lake Ray Hubbard, Rowlett Creek-Lake Ray Hubbard	Project Planning	6.05	Riverine
031000259	Long Branch Channel Improvements (Dewitt to Ingram)	Channel improvements to replace a failed headwall and reduce erosive velocities. Sewer line relocation to protect against potential failure due to erosion.	03000031, 03000032	Collin, Dallas	12030106	120301060408, 120301060403	Muddy Creek-Lake Ray Hubbard, Rowlett Creek-Lake Ray Hubbard	Project Planning	6.05	Riverine
031000260	North Colony Blvd. at Powers Street	Streams SC-1A Drainage Study and storm drain upgrades to deal with flooding	03000005, 03000006, 03000007, 03000008, 03000009, 03000010	Denton	12030103	120301030906, 120301031003	Stewart Creek-Lewisville Lake, Indian Creek-Elm Fork Trinity River	Project Planning	2.95	Riverine
031000261	Office Creek Drainage Study	Update Drainage Study and Improvements at Five Star Park	03000005, 03000006, 03000007, 03000008, 03000009, 03000010	Denton	12030103	120301030906, 120301031003, 120301031001	Stewart Creek-Lewisville Lake, Prairie Creek-Elm Fork Trinity River, Indian Creek-Elm Fork Trinity River	Project Planning	2.48	Riverine
031000262	Bill Allen Park Erosion Study	Evaluate erosion control measures at Blair Oaks Drive to Good Shepherd Lutheran Church.	03000031, 03000032	Denton	12030103	120301030906, 120301031003, 120301031001	Stewart Creek-Lewisville Lake, Prairie Creek-Elm Fork Trinity River, Indian Creek-Elm Fork Trinity River	Project Planning	5.29	Riverine
031000263	Johnson County Low Water Crossings - East Side	Hydraulic evaluation to determine how to reduce flooding risk at multiple low water crossings.	03000003, 03000004, 03000009, 03000010	Johnson	12030109, 12060201, 12030102, 12060202	120301020704, 120301020505, 120301020701	Little Bear Creek, Headwaters Walker Branch, Hurricane Creek-West Fork Trinity River	Project Planning	730.85	Riverine
031000264	Johnson County Low Water Crossings - West Side	Hydraulic evaluation to determine how to reduce flooding risk at multiple low water crossings.	03000003, 03000004, 03000009, 03000010	Johnson	12030109, 12060201, 12030102, 12060202	120301020704, 120301020505, 120301020701	Little Bear Creek, Headwaters Walker Branch, Hurricane Creek-West Fork Trinity River	Project Planning	730.85	Riverine
031000265	Tributary SB-1: Circle Lane Culvert Improvements	Evaluate and define necessary culvert improvements.	03000003, 03000004, 03000009, 03000010, 03000031, 03000032	Tarrant	12030102	120301020704, 120301020505, 120301020701	Little Bear Creek, Headwaters Walker Branch, Hurricane Creek-West Fork Trinity River	Project Planning	4.51	Riverine

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost (2020 \$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road segment closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
031000252	Grand Prairie	Grand Prairie	N	\$250,000		4	4	23	0	1		0.11	3.17		
031000253	Grand Prairie	Grand Prairie	N	\$250,000		25	22	421	1	0		3.89	7.83		
031000254	Grand Prairie	Grand Prairie	N	\$250,000		9	7	27	0	0		0.57	20.52		
031000255	Grand Prairie	Grand Prairie	N	\$250,000		3	2	4	0	0		0.03	123.61		
031000256	Grand Prairie	Grand Prairie	N	\$250,000		3	2	4	0	0		0.03	123.61		
031000257	Grand Prairie	Grand Prairie	N	\$250,000		3	2	4	0	0		0.03	123.61		
031000258	Sachse	Sachse	N	\$100,000		59	51	171	0	5		1.69	211.24		
031000259	Sachse	Sachse	N	\$100,000		59	51	171	0	5		1.69	211.24		
031000260	The Colony	The Colony	N	\$100,000		7	7	26	1	0		0.45	10.24		
031000261	The Colony	The Colony	N	\$100,000		1	0	4	0	0		0.47	23.48		
031000262	The Colony	The Colony	N	\$100,000		3	1	12	1	0		1.08	167.40		
031000263	Johnson County	Johnson County	N	\$250,000		1,851	1,555	4,897	12	372		61.68	18,202.78		
031000264	Johnson County	Johnson County	N	\$250,000		1,851	1,555	4,897	12	372		61.68	18,202.78		
031000265	Bedford	Bedford	N	\$150,000		148	120	1,152	0	1		3.48	3.48		

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
031000266	Tributary SB-1: Shirley Way Culvert Improvements	Evaluate and define necessary culvert improvements.	03000003, 03000004, 03000009, 03000010, 03000031, 03000032	Tarrant	12030102	120301020704, 120301020505, 120301020701	Little Bear Creek, Headwaters Walker Branch, Hurricane Creek-West Fork Trinity River	Project Planning	4.51	Riverine
031000267	Tributary SB-1: Briar Drive Culvert Improvements	Evaluate and define necessary culvert improvements.	03000003, 03000004, 03000009, 03000010, 03000031, 03000032	Tarrant	12030102	120301020704, 120301020505, 120301020701	Little Bear Creek, Headwaters Walker Branch, Hurricane Creek-West Fork Trinity River	Project Planning	4.51	Riverine
031000268	Tributary SB-1: Schumac Lane Culvert Improvements	Evaluate and define necessary culvert improvements.	03000003, 03000004, 03000009, 03000010, 03000031, 03000032	Tarrant	12030102	120301020704, 120301020505, 120301020701	Little Bear Creek, Headwaters Walker Branch, Hurricane Creek-West Fork Trinity River	Project Planning	10.58	Riverine
031000269	Tributary SB-1: Donna Lane Culvert Improvements	Evaluate and define necessary culvert improvements.	03000003, 03000004, 03000009, 03000010, 03000031, 03000032	Tarrant	12030102	120301020704, 120301020505, 120301020701	Little Bear Creek, Headwaters Walker Branch, Hurricane Creek-West Fork Trinity River	Project Planning	4.51	Riverine
031000270	Sulphur Branch: Circle Lane Culvert Improvements	Evaluate and define necessary culvert improvements.	03000003, 03000004, 03000009, 03000010, 03000031, 03000032	Tarrant	12030102	120301020704, 120301020505, 120301020701	Little Bear Creek, Headwaters Walker Branch, Hurricane Creek-West Fork Trinity River	Project Planning	4.51	Riverine
031000271	Sulphur Branch: Bedford Road Culvert Improvements	Evaluate and define necessary culvert improvements.	03000003, 03000004, 03000009, 03000010, 03000031, 03000032	Tarrant	12030102	120301020704, 120301020505, 120301020701	Little Bear Creek, Headwaters Walker Branch, Hurricane Creek-West Fork Trinity River	Project Planning	4.51	Riverine
031000272	Fairfield South Bateman Drainage Study	Fairfield South Bateman Drainage Study	03000005, 03000006	Freestone	12030201	120302010109, 120302010107, 120302010601	Pin Oak Creek-Cottonwood Creek, Big Brown Creek, Mims Creek-Upper Keechi Creek	Project Planning	8.85	Riverine
031000273	City of Plano DMP	Evaluate alternatives for citywide drainage improvements for areas with history of flooding.	03000031, 03000032	Collin	12030106, 12030103, 12030105	120301060404, 120301060406, 120301030906, 120301060407, 120301031003, 120301050104, 120301060403, 120301060405, 120301050103	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Watershed Planning	71.84	Riverine
031000274	Collin County flooding hazard/vulnerability assessment	Conduct a hazard/vulnerability assessment for personal properties and structures located in the floodplain.	03000013, 03000014	Collin	12030106, 12030103, 12030105, 12010001	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Preparedness	883.19	Riverine
031000275	Houston County Lake Dam Emergency Action Plan	Develop Emergency Action Plan for Houston County Lake Dam	03000001, 03000002	Houston	12020002, 12030201, 12020001, 12030202	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Preparedness	1,231.75	Riverine
031000276	Grayson County Dams Compliance Assessment	Determine owners of all high and significant hazard dams and obtain copies of all EAPs. Obtain available dam failure impact data necessary for determining most appropriate mitigation approach that would achieve compliance with the State's TCEQ regulations	03000001, 03000002, 03000029, 03000030, 03000039, 03000040	Grayson	12030106, 11140101, 12030103, 11130210	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Preparedness	976.48	Riverine
031000277	Denton County USDA (NRCS) Dam Studies and Rehabilitation	USDA (NRCS) Dam Studies and Rehabilitation	03000009, 03000010, 03000029, 03000030	Denton	12030103, 12030104, 12030105	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Other	948.44	Riverine

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost (2020 \$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road segment closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
031000266	Bedford	Bedford	N	\$150,000		148	120	1,152	0	1		3.48	3.48		
031000267	Bedford	Bedford	N	\$150,000		148	120	1,152	0	1		3.48	3.48		
031000268	Bedford	Bedford	N	\$150,000		239	204	3,688	1	7		5.29	140.33		
031000269	Bedford	Bedford	N	\$150,000		148	120	1,152	0	1		3.48	3.48		
031000270	Bedford	Bedford	N	\$150,000		148	120	1,152	0	1		3.48	3.48		
031000271	Bedford	Bedford	N	\$150,000		148	120	1,152	0	1		3.48	3.48		
031000272	Fairfield	Fairfield	N	\$200,000		41	36	64	1	0		2.42	411.50		
031000273	Plano	Plano	N	\$250,000		381	326	5,528	9	24		18.44	695.40		
031000274	Collin County	Collin County	N	\$500,000		2,842	2,401	17,576	26	55		145.78	34,153.61		
031000275	Houston County	Houston County	N	\$1,000,000		737	440	711	5	18		110.11	79,761.34		
031000276	Grayson County	Grayson County	N	\$1,000,000		436	376	541	5	1		42.70	21,311.84		
031000277	Denton County	Denton County	N	\$2,000,000		4,675	3,634	18,656	89	97		245.07	53,344.36		

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
031000278	Spring Creek Retaining Walls	Implement results from the 2021 Spring Creek Erosion and Retaining Wall Assessment project. This project identified 19 locations with recommended repairs/maintenance to erosion structures.	03000009, 03000010, 03000031, 03000032	Dallas	12030106, 12030105	120301060404, 120301060406, 120301060407, 120301060408, 120301050104, 120301060501, 120301050103	Headwaters White Rock Creek, Floyd Branch-White Rock Creek, Pittman Creek-Spring Creek, Brown Branch-Rowlett Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning	36.42	Riverine
031000279	Colonel Palm Valley Drainage Improvements	Implement results from the Colonel Drive Drainage Study. This study identified mitigation options in Coloneal Drive and Palm Valley Drive.	03000013, 03000014, 03000031, 03000032	Dallas	12030106	120301060409, 120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Duck Creek	Project Planning	5.98	Riverine
031000280	Ashville Drive Drainage Improvements	Implement results from the Ashville Drainage Study. This study identified recommended mitigation options that can provide 100-year protection and minimal improvements for greater frequency storm events.	03000013, 03000014, 03000031, 03000032	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning	6.47	Riverine
031000281	Freeman Heights Drainage Improvements	Implement results from the Garland-Freeman Height Drainage Study. This study identified improvement projects for the storm sewer.	03000013, 03000014, 03000031, 03000032	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning	4.68	Riverine
031000282	Tobin trail Drainage Analysis	Implement results from the Tobin Trail Drainage Study. This study identified mitigation options to determine what solutions can be provided to eliminate or reduce flooding that occurs in Tobin Trail.	03000013, 03000014, 03000031, 03000032	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning	6.47	Riverine
031000283	Whites Bayou/Spring Branch Flood Study	Flood study north of I-10 through Hankamer	03000007, 03000008, 03000009, 03000010	Chambers	12030203, 12040202	120302030202, 120302030204, 120402020100	Turtle Bayou	Watershed Planning	14.78	Riverine
031000284	Predicted Maximum Probable Inundation Map	Use NWS gage height forecasts from the River Forecast Center to generate a potential floodplain along the main stem of the Trinity River.	03000005, 03000005, 03000039, 03000040	All				Watershed Planning	17,848.51	Riverine, Urban
031000285	Headwaters of South Fork Trinity River Tributaries Through Hudson Oaks	Study to determine flooding issues and potential future projects.	03000007, 03000008, 03000009, 03000010	Parker	12030102	120301020205, 120301020203, 120301020206, 120301020207, 120301020204	Clear Fork Trinity River-Lake Weatherford, Squaw Creek-Clear Fork Trinity River, Underwood Branch-Willow Creek, Brogden Branch-Town Creek, South Fork	Watershed Planning	6.46	Riverine
031000286	Headwaters of Clear Fork Trinity River Tributaries Through Hudson Oaks	Study to determine flooding issues and potential future projects.	03000007, 03000008, 03000009, 03000010	Parker	12030102	120301020203, 120301020207, 120301020204	Clear Fork Trinity River-Lake Weatherford, Squaw Creek-Clear Fork Trinity River, South Fork	Watershed Planning	4.95	Riverine
031000287	Headwaters of Willow Creek Regulatory Floodplain Determination Study	Mapping study for Headwaters of Willow Creek through Mansfield ETJ.	03000001, 03000002, 03000005, 03000006, 03000025, 03000026	Tarrant	12030102	120301020403, 120301020604, 120301020402, 120301020405	Deer Creek-Village Creek, Village Creek-Lake Arlington, Rush Creek-Village Creek, King Branch-Walnut Creek	Watershed Planning	6.00	Riverine
031000288	Mountain Creek and Tribs Regulatory Floodplain Determination Study	Mapping study for Mountain Creek and Tribs through Mansfield ETJ.	03000001, 03000002, 03000005, 03000006, 03000025, 03000026	Johnson, Ellis	12030102	120301020603, 120301020601, 120301020604, 120301020605, 120301020602	Headwaters Mountain Creek, Soap Creek, Low Branch-Mountain Creek, King Branch-Walnut Creek, Lynn Creek-Walnut Creek	Watershed Planning	18.26	Riverine
031000289	Hogpen Creek and Detention Facilities H&H Modeling Update	Detailed headwaters study completed with detention. Needs a connectivity H&H modeling with identified detention.	03000005, 03000006, 03000009, 03000010, 03000021, 03000022,	Tarrant	12030102	120301020604, 120301020605, 120301020405	Rush Creek-Village Creek, King Branch-Walnut Creek, Lynn Creek-Walnut Creek	Watershed Planning	5.61	Riverine
031000290	Rock Creek Watershed Study	Study to improve knowledge of flood risks and facilitate the analysis of proposed developments within or adjacent to the floodplain.	03000005, 03000006, 03000023, 03000024,	Johnson	12030102, 12060202	120301020401, 120602020202, 120602020201, 120301020304	Rock Creek, Quil Miller Creek-Village Creek	Watershed Planning	11.21	Riverine

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031000278	Garland	Garland	N	\$250,000		274	255	2,604	8	19		13.17	83.02		
031000279	Garland	Garland	N	\$150,000		10	10	26	0	2		0.54	84.70		
031000280	Garland	Garland	N	\$150,000		232	227	863	2	5		3.98	44.78		
031000281	Garland	Garland	N	\$150,000		40	28	298	0	5		1.87	7.36		
031000282	Garland	Garland	N	\$150,000		232	227	863	2	5		3.98	44.78		
031000283	Chambers County	Chambers County	N	\$458,000		205	102	259	1	0		5.30	3,806.31		
031000284	Trinity River Authority	Trinity River Authority	N	\$2,000,000		186,744	141,182	882,992	981	1,737		7,605.60	3,629.90		
031000285	Hudson Oaks	Hudson Oaks	N	\$164,000		33	20	51	1	0		0.62	714.98		
031000286	Hudson Oaks	Hudson Oaks	N	\$106,000		32	26	689	2	1		2.82	179.35		
031000287	Mansfield	Mansfield	N	\$137,000		43	36	105	0	1		0.53	188.25		
031000288	Mansfield	Mansfield	N	\$396,000		61	45	118	0	14		4.26	1,346.77		
031000289	Mansfield	Mansfield	N	\$115,000		43	41	143	1	1		1.45	34.12		
031000290	Burleson	Burleson	N	\$100,000		88	73	226	0	14		3.17	636.59		

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FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
031000291	Walnut Creek Watershed Study	Study to improve knowledge of flood risks and facilitate the analysis of proposed developments within or adjacent to the floodplain.	03000005, 03000006, 03000023, 03000024,	Johnson	12030102	120301020401, 120301020604	Quil Miller Creek-Village Creek, King Branch-Walnut Creek	Watershed Planning	3.43	Riverine
031000292	North Creek Watershed Study	Study to improve knowledge of flood risks and facilitate the analysis of proposed developments within or adjacent to the floodplain.	03000005, 03000006, 03000023, 03000024, 03000039, 03000040	Johnson, Tarrant	12030102	120301020401, 120301020402	Quil Miller Creek-Village Creek, Deer Creek-Village Creek	Watershed Planning	3.00	Riverine
031000293	Quil Miller Creek Watershed Study	Study to improve knowledge of flood risks and facilitate the analysis of proposed developments within or adjacent to the floodplain.	03000005, 03000006, 03000023, 03000024,	Johnson	12030109, 12030102, 12060202	120301020401, 120602020202, 120301090101, 120301020604, 120301020402	Quil Miller Creek-Village Creek, Deer Creek-Village Creek, King Branch-Walnut Creek, Headwaters North Fork Chambers Creek	Watershed Planning	22.97	Riverine
031000294	Hurst Creek Watershed Study	Study to improve knowledge of flood risks and facilitate the analysis of proposed developments within or adjacent to the floodplain.	03000005, 03000006, 03000023, 03000024,	Johnson	12030102	120301020401	Quil Miller Creek-Village Creek	Watershed Planning	1.06	Riverine
031000295	City of Wilmer DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Dallas	12030105	120301050202, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River	Watershed Planning	8.10	Riverine
031000296	Alta Mesa Branch at Persimmon Road	Evaluate bridge improvements for Persimmon Road over Alta Mesa Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050108	Headwaters Fivemile Creek, Fivemile Creek-Trinity River	Project Planning	7.06	Riverine
031000297	Alta Mesa Branch at Simpson Stuart Road	Evaluate culvert improvements for Simpson Stuart Road over Alta Mesa Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050108	Headwaters Fivemile Creek, Fivemile Creek-Trinity River	Project Planning	7.06	Riverine
031000298	Alta Mesa Branch at Tracy Road	Evaluate bridge improvements: Tracy Road over Alta Mesa Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050108	Headwaters Fivemile Creek, Fivemile Creek-Trinity River	Project Planning	7.06	Riverine
031000299	Ricketts Branch at Camp Wisdom Road	Evaluate bridge improvements for Camp Wisdom Road over Ricketts Branch (2 structures)	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050201	Headwaters Fivemile Creek, Headwaters Tenmile Creek	Project Planning	4.30	Riverine
031000300	Ricketts Branch at IH 35E Service	Evaluate bridge improvements for IH 35E over Ricketts Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050201	Headwaters Fivemile Creek, Headwaters Tenmile Creek	Project Planning	4.30	Riverine
031000301	Runyon Springs Branch at Crouch Road	Evaluate bridge improvements for Crouch Road over Runyon Springs Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050201, 120301050202, 120301050108	Deep Branch-Tenmile Creek, Headwaters Fivemile Creek, Fivemile Creek-Trinity River, Headwaters Tenmile Creek	Project Planning	3.86	Riverine

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost (2020 \$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road segment closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
031000291	Burleson	Burleson	N	\$150,000		34	33	56	0	5		0.72	95.48		
031000292	Burleson	Burleson	N	\$50,000		3	0	91	0	2		1.17	20.00		
031000293	Burleson	Burleson	N	\$265,000		234	215	596	2	19		6.33	1,015.49		
031000294	Burleson	Burleson	N	\$50,000		14	14	57	0	0		0.28	5.62		
031000295	Wilmer	Wilmer	N	\$250,000		71	69	573	0	9		4.00	195.08		
031000296	Dallas	Dallas	N	\$250,000		179	147	561	3	2		9.52	160.75		
031000297	Dallas	Dallas	N	\$250,000		179	147	561	3	2		9.52	160.75		
031000298	Dallas	Dallas	N	\$250,000		179	147	561	3	2		9.52	160.75		
031000299	Dallas	Dallas	N	\$250,000		5	5	19	0	0		0.54	2.25		
031000300	Dallas	Dallas	N	\$250,000		5	5	19	0	0		0.54	2.25		
031000301	Dallas	Dallas	N	\$250,000		9	1	129	0	1		1.98	23.40		

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
031000302	Whites Branch at Langdon Road	Evaluate bridge improvements for Langdon Road over Whites Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning	2.55	Riverine
031000303	Wilson Branch at Bonnie View Road	Evaluate bridge improvements for Bonnie View Road over Wilson Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108	Fivemile Creek-Trinity River	Project Planning	3.75	Riverine
031000304	Wilson Branch at J J Lemmon Road	Evaluate bridge improvements for J J Lemmon Road over Wilson Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108	Fivemile Creek-Trinity River	Project Planning	3.75	Riverine
031000305	Wilson Branch at Tioga Street	Evaluate bridge improvements for Tioga Street over Wilson Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108	Fivemile Creek-Trinity River	Project Planning	3.75	Riverine
031000306	Woody Branch at Loop 12	Evaluate bridge improvements for Loop 12 over Woody Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030102, 12030105	120301050107, 120301050201, 120301020607	Cottonwood Creek-Mountain Creek Lake, Headwaters Fivemile Creek, Headwaters Tenmile Creek	Project Planning	10.56	Riverine
031000307	Hutchins Creek at Denton Street	Evaluate culvert improvements for Denton Street over Hutchins Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108, 120301050203	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning	2.30	Riverine
031000308	Hutchins Creek at J J Lemmon Street	Evaluate bridge improvements for J J Lemmon Street over Hutchins Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108, 120301050203	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning	2.30	Riverine
031000309	Hutchins Creek at Main Street	Evaluate bridge improvements for Main Street over Hutchins Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108, 120301050203	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning	2.30	Riverine
031000310	Rawlins Creek at Dowdy Ferry Road	Evaluate bridge improvements for Dowdy Ferry Road over Rawlins Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108, 120301050203	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning	3.55	Riverine
031000311	Rawlins Creek at IH 45	Evaluate bridge improvements for IH 45 over Rawlins Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108, 120301050203	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning	3.55	Riverine

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

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031000302	Dallas	Dallas	N	\$250,000		0	0	0	0	0		0.27	19.33		
031000303	Dallas	Dallas	N	\$250,000		27	25	25	0	1		5.44	64.39		
031000304	Dallas	Dallas	N	\$250,000		27	25	25	0	1		5.44	64.39		
031000305	Dallas	Dallas	N	\$250,000		27	25	25	0	1		5.44	64.39		
031000306	Dallas	Dallas	N	\$250,000		106	106	405	1	1		6.03	2.61		
031000307	Hutchins	Hutchins	N	\$250,000		7	1	38	0	2		0.87	29.77		
031000308	Hutchins	Hutchins	N	\$250,000		7	1	38	0	2		0.87	29.77		
031000309	Hutchins	Hutchins	N	\$250,000		7	1	38	0	2		0.87	29.77		
031000310	Hutchins	Hutchins	N	\$250,000		29	27	61	1	5		1.15	81.64		
031000311	Hutchins	Hutchins	N	\$250,000		29	27	61	1	5		1.15	81.64		

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
031000312	Rawlins Creek at Main Street	Evaluate bridge improvements for Main Street over Rawlins Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108, 120301050203	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning	3.55	Riverine
031000313	Stream 4A4 at Goode Road	Evaluate bridge improvements for Goode Road over Stream 4A4	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning	2.96	Riverine
031000314	Stream 4A4 at IH 45	Evaluate bridge improvements for IH 45 over Stream 4A4	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning	2.96	Riverine
031000315	Stream 4B4 at Austin Street	Evaluate culvert improvements for Austin Street over Stream 4B4	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108, 120301050203	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning	3.55	Riverine
031000316	Stream 4B4 at Crestridge Drive	Evaluate culvert improvements for Crestridge Drive over Stream 4B4	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108, 120301050203	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning	3.55	Riverine
031000317	Stream 4B4 at Denton Street	Evaluate culvert improvements for Denton Street over Stream 4B4	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108, 120301050203	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning	3.55	Riverine
031000318	Halls Branch at 1st Street	Evaluate bridge improvements for 1st Street over Halls Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050305	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River, Middle Red Oak Creek	Project Planning	3.03	Riverine
031000319	Halls Branch at 4th Street	Evaluate bridge improvements for 4th Street over Halls Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050305	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River, Middle Red Oak Creek	Project Planning	3.03	Riverine
031000320	Halls Branch at 6th Street	Evaluate bridge improvements for 6th Street over Halls Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050305	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River, Middle Red Oak Creek	Project Planning	3.03	Riverine
031000321	Halls Branch at Cedar Street	Evaluate bridge improvements for Cedar Street over Halls Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050305	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River, Middle Red Oak Creek	Project Planning	3.03	Riverine

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031000312	Hutchins	Hutchins	N	\$250,000		29	27	61	1	5		1.15	81.64		
031000313	Hutchins	Hutchins	N	\$250,000		2	0	405	0	7		1.01	56.79		
031000314	Hutchins	Hutchins	N	\$250,000		2	0	405	0	7		1.01	56.79		
031000315	Hutchins	Hutchins	N	\$250,000		29	27	61	1	5		1.15	81.64		
031000316	Hutchins	Hutchins	N	\$250,000		29	27	61	1	5		1.15	81.64		
031000317	Hutchins	Hutchins	N	\$250,000		29	27	61	1	5		1.15	81.64		
031000318	Lancaster	Lancaster	N	\$250,000		67	57	333	1	8		2.03	32.62		
031000319	Lancaster	Lancaster	N	\$250,000		67	57	333	1	8		2.03	32.62		
031000320	Lancaster	Lancaster	N	\$250,000		67	57	333	1	8		2.03	32.62		
031000321	Lancaster	Lancaster	N	\$250,000		67	57	333	1	8		2.03	32.62		

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
031000322	Halls Branch at Main Street	Evaluate bridge improvements for Main Street over Halls Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050305	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River, Middle Red Oak Creek	Project Planning	3.03	Riverine
031000323	Halls Branch at Redbud Lane	Evaluate bridge improvements for Redbud Lane over Halls Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050305	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River, Middle Red Oak Creek	Project Planning	3.03	Riverine
031000324	Keller Branch at Jefferson Street	Evaluate bridge improvements for Jefferson Street over Keller Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning	3.16	Riverine
031000325	Keller Branch at Main Street	Evaluate bridge improvements for Main Street over Keller Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning	3.16	Riverine
031000326	Keller Branch at Pleasant Run Road	Evaluate bridge improvements for Pleasant Run Road over Keller Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning	3.16	Riverine
031000327	Mill Branch at Houston School Road	Evaluate bridge improvements for Houston School Road over Mill Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050201, 120301050202	Deep Branch-Tenmile Creek, Headwaters Fivemile Creek, Headwaters Tenmile Creek	Project Planning	3.40	Riverine
031000328	Mill Branch at Wintergreen Road	Evaluate bridge improvements for Wintergreen Road over Mill Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050201, 120301050202	Deep Branch-Tenmile Creek, Headwaters Fivemile Creek, Headwaters Tenmile Creek	Project Planning	3.40	Riverine
031000329	Stream 3A1 at Ten Mile Road	Evaluate bridge improvements for Ten Mile Road over Stream 3A1	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050201, 120301050202, 120301050305	Deep Branch-Tenmile Creek, Headwaters Tenmile Creek, Middle Red Oak Creek	Project Planning	2.70	Riverine
031000330	Stream 3A6 at Belt Line Road	Evaluate bridge improvements for Belt Line Road over Stream 3A6	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning	3.16	Riverine
031000331	Ten Mile Creek at Bluegrove Road	Evaluate bridge improvements for Bluegrove Road over Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050201, 120301050202, 120301050305	Deep Branch-Tenmile Creek, Headwaters Tenmile Creek, Middle Red Oak Creek	Project Planning	2.70	Riverine

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031000322	Lancaster	Lancaster	N	\$250,000		67	57	333	1	8		2.03	32.62		
031000323	Lancaster	Lancaster	N	\$250,000		67	57	333	1	8		2.03	32.62		
031000324	Lancaster	Lancaster	N	\$250,000		25	17	2,137	1	1		0.76	47.79		
031000325	Lancaster	Lancaster	N	\$250,000		25	17	2,137	1	1		0.76	47.79		
031000326	Lancaster	Lancaster	N	\$250,000		25	17	2,137	1	1		0.76	47.79		
031000327	Lancaster	Lancaster	N	\$250,000		54	50	580	0	1		2.14	10.68		
031000328	Lancaster	Lancaster	N	\$250,000		54	50	580	0	1		2.14	10.68		
031000329	Lancaster	Lancaster	N	\$250,000		12	11	26	0	2		0.62	69.59		
031000330	Lancaster	Lancaster	N	\$250,000		25	17	2,137	1	1		0.76	47.79		
031000331	Lancaster	Lancaster	N	\$250,000		12	11	26	0	2		0.62	69.59		

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FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
031000332	Ten Mile Creek at Houston School Road	Evaluate bridge improvements for Houston School Road over Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050201, 120301050202, 120301050305	Deep Branch-Tenmile Creek, Headwaters Fivemile Creek, Headwaters Tenmile Creek, Middle Red Oak Creek	Project Planning	8.19	Riverine
031000333	Ten Mile Creek at IH 35E Service	Evaluate bridge improvements for IH 35E Service over Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050201, 120301050202, 120301050305	Deep Branch-Tenmile Creek, Headwaters Fivemile Creek, Headwaters Tenmile Creek, Middle Red Oak Creek	Project Planning	8.19	Riverine
031000334	Ten Mile Creek at IH 35E Service (County Highway 1382)	Evaluate bridge improvements for IH 35E Service (County Highway 1382) over Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050201, 120301050202, 120301050305	Deep Branch-Tenmile Creek, Headwaters Fivemile Creek, Headwaters Tenmile Creek, Middle Red Oak Creek	Project Planning	8.19	Riverine
031000335	Ten Mile Creek at Nokomis Road	Evaluate bridge improvements for Nokomis Road over Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050305	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River, Middle Red Oak Creek	Project Planning	3.03	Riverine
031000336	Ten Mile Creek at Old Red Oak Road	Evaluate bridge improvements for Road over Ten Mile Creek at Old Red	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050305	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River, Middle Red Oak Creek	Project Planning	3.03	Riverine
031000337	Ten Mile Creek at SH 342	Evaluate bridge improvements for SH 342 over Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050305	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River, Middle Red Oak Creek	Project Planning	3.03	Riverine
031000338	Cottonwood Creek of Ten Mile Creek at Goode Road	Evaluate bridge improvements for Goode Road over Cottonwood Creek of Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning	2.96	Riverine
031000339	Cottonwood Creek of Ten Mile Creek at IH 45	Evaluate bridge improvements for IH 45 over Cottonwood Creek of Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning	2.96	Riverine
031000340	Cottonwood Creek of Ten Mile Creek at IH 45 Northbound Service Road	Evaluate bridge improvements for IH 45 Northbound Service Road over Cottonwood Creek of Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning	2.96	Riverine
031000341	Cottonwood Creek of Ten Mile Creek at IH 45 Southbound Service Road	Evaluate bridge improvements for IH 45 Southbound Service Road over Cottonwood Creek of Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning	2.96	Riverine

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031000332	Lancaster	Lancaster	N	\$250,000		193	173	1,166	2	5		7.36	81.92		
031000333	Lancaster	Lancaster	N	\$250,000		193	173	1,166	2	5		7.36	81.92		
031000334	Lancaster	Lancaster	N	\$250,000		193	173	1,166	2	5		7.36	81.92		
031000335	Lancaster	Lancaster	N	\$250,000		67	57	333	1	8		2.03	32.62		
031000336	Lancaster	Lancaster	N	\$250,000		67	57	333	1	8		2.03	32.62		
031000337	Lancaster	Lancaster	N	\$250,000		67	57	333	1	8		2.03	32.62		
031000338	Wilmer	Wilmer	N	\$250,000		2	0	405	0	7		1.01	56.79		
031000339	Wilmer	Wilmer	N	\$250,000		2	0	405	0	7		1.01	56.79		
031000340	Wilmer	Wilmer	N	\$250,000		2	0	405	0	7		1.01	56.79		
031000341	Wilmer	Wilmer	N	\$250,000		2	0	405	0	7		1.01	56.79		

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FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
031000342	Cottonwood Creek of Ten Mile Creek at Kissell (College) Road	Evaluate bridge improvements for Kissell (College) Road over Cottonwood Creek of Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning	5.53	Riverine
031000343	Cottonwood Creek of Ten Mile Creek at Millers Ferry Road	Evaluate bridge improvements for Millers Ferry Road over Cottonwood Creek of Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning	2.96	Riverine
031000344	Cottonwood Creek of Ten Mile Creek at Pleasant Run Road	Evaluate bridge improvements for Pleasant Run Road over Cottonwood Creek of Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning	2.96	Riverine
031000345	Stream 4A1 at Goode Road	Evaluate bridge improvements for Goode Road over Stream 4A1	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River	Project Planning	3.51	Riverine
031000346	Stream 4A5 at Goode Road	Evaluate bridge improvements for Goode Road over Stream 4A5	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning	5.53	Riverine
031000347	Stream 4A5 at IH 45	Evaluate bridge improvements for IH 45 over Stream 4A5	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning	5.53	Riverine
031000348	Ten Mile Creek at Ferris Road	Evaluate bridge improvements for Ferris Road over Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050306, 120301050202, 120301050305, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Middle Red Oak Creek, Lower Red Oak Creek	Project Planning	16.95	Riverine
031000349	Stream 4A4 at Fulghum Road	Evaluate bridge improvements for Fulghum Road over Stream 4A4	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning	2.96	Riverine
031000350	Stream 4A1 at Geller Road	Evaluate bridge improvements for Geller Road over Stream 4A1	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River	Project Planning	3.51	Riverine
031000351	Ten Mile Creek at Parkinson Road	Evaluate bridge improvements for Parkinson Road over Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050306, 120301050202, 120301050305, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Middle Red Oak Creek, Lower Red Oak Creek	Project Planning	16.95	Riverine

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost (2020 \$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road segment closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
031000342	Wilmer	Wilmer	N	\$250,000		47	47	106	0	2		1.86	74.19		
031000343	Wilmer	Wilmer	N	\$250,000		2	0	405	0	7		1.01	56.79		
031000344	Wilmer	Wilmer	N	\$250,000		2	0	405	0	7		1.01	56.79		
031000345	Wilmer	Wilmer	N	\$250,000		29	29	90	0	2		0.57	137.57		
031000346	Wilmer	Wilmer	N	\$250,000		47	47	106	0	2		1.86	74.19		
031000347	Wilmer	Wilmer	N	\$250,000		47	47	106	0	2		1.86	74.19		
031000348	Wilmer	Wilmer	N	\$250,000		28	22	41	1	0		4.07	1,892.14		
031000349	Dallas County	Dallas County	N	\$250,000		2	0	405	0	7		1.01	56.79		
031000350	Dallas County	Dallas County	N	\$250,000		29	29	90	0	2		0.57	137.57		
031000351	Dallas County	Dallas County	N	\$1,032,000		28	22	41	1	0		4.07	1,892.14		

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type
031000352	City of Hutchins DMP	Evaluate city and identify future projects.	03000007, 03000008, 03000009, 03000010	Dallas	12030105	120301050202, 120301050108, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning	9.36	Riverine
031000353	City of Seagoville DMP	Evaluate city and identify future projects.	03000007, 03000008, 03000009, 03000010	Dallas	12030106, 12030105	120301050204, 120301060505, 120301060507, 120301050205, 120301050203	Prairie Creek-Trinity River, Hickory Creek-Parsons Slough, Parsons Slough-Trinity River, Mustang Creek-East Fork Trinity River, White House Ridge-East Fork Trinity River	Project Planning	18.94	Riverine
031000354	City of Huntsville DMP	Evaluate city and identify future projects	03000007, 03000008, 03000009, 03000010	Walker	12040103, 12040101, 12030202	120302020805, 120401010202, 120302020802, 120302020801, 120401010102, 120401030302, 120401010104	Crabb Creek-Nelson Creek, Little School Branch-Nelson Creek, Harmon Creek	Watershed Planning	13.56	Riverine
031000355	City of Weatherford DMP	Evaluate city and identify future projects	03000007, 03000008, 03000009, 03000010	Parker	12060201, 12030102	120301020205, 120602011201, 120301020103, 120301020203, 120301020206, 120301020207, 120301020204	Silver Creek-Lake Worth, Clear Fork Trinity River-Lake Weatherford, Squaw Creek-Clear Fork Trinity River, Underwood Branch-Willow Creek, Brogden Branch-Town Creek, South Fork	Watershed Planning	26.15	Riverine
031000358	City of Irving DMP	Evaluate city and identify future projects	03000007, 03000008, 03000009, 03000010	Dallas	12030103, 12030102, 12030105	120301031006, 120301020706, 120301031005, 120301031004, 120301031007, 120301020701, 120301020705, 120301050101	Silver Creek-Lake Worth, Clear Fork Trinity River-Lake Weatherford, Squaw Creek-Clear Fork Trinity River, Underwood Branch-Willow Creek, Brogden Branch-Town Creek, South Fork	Watershed Planning	67.82	Riverine

TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG

FME ID	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost (2020 \$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road segment closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
031000352	Hutchins	Hutchins	N	\$250,000		45	32	369	1	8		2.23	140.39		
031000353	Seagoville	Seagoville	N	\$250,000		180	170	627	2	7		10.39	1,728.29		
031000354	Hunstville	Hunstville	N	\$500,000		238	211	2,819	3	2		6.21	107.40		
031000355	Weatherford	Weatherford	N	\$500,000		520	468	2,170	5	6		17.59	759.01		
031000358	Irving	Irving	N	\$1,000,000		4,589	4,495	40,893	31	30		85.33	1,397.40		

TWDB-Required Table 13: Potentially Feasible Flood Mitigation Projects Identified by RFPG

FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC12s	Watersheds	Project Type	Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor
033000007	Spring Meadows Estates Detention Pond Design	Pond redesign and reconstruction to lower normal pool elevation to be below inlets upstream. Increase storage capacity and design outlet works to increase level of service to 100-yr storm event.	03000013, 03000014, 03000031, 03000032	Dallas	120301060406, 120301060408, 120301060403	Muddy Creek-Lake Ray Hubbard, Brown Branch-Rowlett Creek, Rowlett Creek-Lake Ray Hubbard	Regional Detention	0.650	Riverine	Sachse
033000008	West Irving Creek Phases 2, 3, and 4	FIF - 13792; The West Irving Creek channel improvements project consists of reconstruction of over 2.5 miles of shallow trapezoidal concrete channel as deeper vertical walled channel to increase capacity and relieve historical flooding issues. The vertical walled channels allow the project to remain within a similar footprint as the existing channel to minimize easement needs and impacts to private properties while meeting the flood carrying capacity goals of the project. The channel improvements will also require the reconstruction of 15 road crossings and several miles of wastewater main. In conjunction with the channel improvements upstream detention improvements will be made as well as the implementation of water quality ponds to reduce pollutant load in the channel and to provide amenity to the adjoining neighborhoods.	03000007, 03000008, 03000021, 03000022, 03000027, 03000028, 03000031, 03000032	Dallas	120301020706	Delaware Creek-West Fork Trinity River	Infrastructure (channels, ditches, ponds, pipes, etc.)	67.589	Riverine	Irving
033000016	Arlington VC(A)-1 Drainage and Erosion Improvements	Arlington VC(A)-1 Drainage and Erosion Improvements; unfunded FIF #13646 This project includes improving the drainage in a residential area with an undersized bridge and severe erosion issues.	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Tarrant	120301020506, 120301020405	Rush Creek-Village Creek, Walker Branch-West Fork Trinity River	Infrastructure (channels, ditches, ponds, pipes, etc.)	1.274	Riverine	Arlington
033000030	Lancaster/Foch Area Mitigation	To decrease the flooding depths near the Norwood/Bledsoe/Crockett intersections, a storm drain alternative was developed. The storm drain system would run along Foch Street and then through Trinity Park to the river.	03000013, 03000014, 03000031, 03000032	Tarrant	120301020105, 120301020307	Farmers Branch-West Fork Trinity River, Lake Como-Clear Fork Trinity River	Infrastructure (channels, ditches, ponds, pipes, etc.)	0.164	Riverine	Fort Worth
033000031	Linwood Park Flood Mitigation (University Drive)	To mitigate the flooding depths in the Linwood Park area, a storm drain would outfall to the West Fork Trinity River.	03000013, 03000014, 03000017, 03000018, 03000031, 03000032	Tarrant	120301020105, 120301020307	Farmers Branch-West Fork Trinity River, Lake Como-Clear Fork Trinity River	Infrastructure (channels, ditches, ponds, pipes, etc.)	1.087	Riverine	Fort Worth
033000032	Zoo Creek Storm Drain Flood Mitigation (Sandage)	A 10'x10' RCB section of the storm drain line reduces the 5-yr max depth at Berry St from 3.6 ft to 0.8 ft and the 100-yr max depth from 5.5 ft to 3.1 ft.	03000013, 03000014, 03000031, 03000032	Tarrant	120301020307	Lake Como - Clear Fork Trinity River	Infrastructure (channels, ditches, ponds, pipes, etc.)	1.270	Riverine, Urban	Fort Worth
033000033	Sunnyvale Urban Flooding Reduction Improvements - Area 1	Proposed alternatives to reduce roadway overtopping's during the 100-year ultimate storm such as culvert and ditch improvements.	03000013, 03000014, 03000031, 03000032	Dallas	120301060501, 120301060503	Duck Creek, North Mesquite Creek-East Fork Trinity River	Infrastructure (channels, ditches, ponds, pipes, etc.)	0.526	Riverine	Sunnyvale
033000036	Sunnyvale Urban Flooding Reduction Improvements - Area 2	Proposed alternatives to reduce roadway overtopping's during the 100-year ultimate storm such as culvert, ditch and storm drain improvements.	03000013, 03000014, 03000031, 03000032	Dallas	120301060503	North Mesquite Creek-East Fork Trinity River	Infrastructure (channels, ditches, ponds, pipes, etc.)	0.537	Riverine	Sunnyvale
033000037	Project 1 - Point North Parkway System	Prairie Creek; Approximately 450 feet of channel improvements to lower the HGL; proposed RCBC storm sewer main crossing Point North Parkway; new wingwalls; and additional 100 LF inlet capacity. The existing storm sewer system will remain except for the inlet laterals which will be abandoned and diverted to the proposed storm sewer main. The proposed improvements will minimize sedimentation at the Synergy Park Boulevard culverts and will reduce the flood depths at Point North Parkway.	03000027, 03000028, 03000031, 03000032	Collin	120601060407	Prairie Creek	Infrastructure (channels, ditches, ponds, pipes, etc.)	0.030	Riverine, Urban	Richardson

TWDB-Required Table 13: Potentially Feasible Flood Mitigation Projects Identified by RFPG

FMP ID	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Flood Risk										Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk	Residential structures removed from 100yr (1% annual chance) Flood risk
					Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at 100yr flood risk	Estimated Population at 100yr flood risk	Critical facilities at 100yr flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at 100yr flood risk (Miles)	Estimated farm & ranch land at 100yr flood risk (acres)				
033000007	Sachse	N	\$1,868,000	State, Local	0.01	N/A	9	9	18	0	0	N/A	0.34	0.00	9	9	N/A	9
033000008	Irving	N	\$98,746,000	State, Local	0.22	N/A	259	235	1,180	1	8	61	5.22	0.00	6	252	N/A	230
033000016	Arlington	N	\$2,601,000	State, Local	0.17	N/A	118	114	474	0	3	37	0.48	0.00	29	9	N/A	8
033000030	Fort Worth	N	\$11,771,000	State, Local	0.01	N/A	44	13	4,575	0	1	59	0.70	0.00	23	10	N/A	0
033000031	Fort Worth	N	\$50,523,000	State, Local	0.09	N/A	313	181	11,372	0	1	81	4.85	0.00	239	204	N/A	123
033000032	Fort Worth	N	\$19,021,000	State, Local	0.28	N/A	306	218	4,324	0	0	41	6.29	0.00	257	49	N/A	43
033000033	Sunnyvale	N	\$4,560,000	State, Local	0.03	N/A	14	9	56	1	0	7	0.33	0.00	0	14	N/A	12
033000036	Sunnyvale	N	\$5,701,000	State, Local	0.02	N/A	35	32	113	1	0	8	0.80	0.00	0	32	N/A	32
033000037	Richardson	N	\$870,000	State, Local	0.02	N/A	4	1	19	0	0	2	0.96	0.00	4	0	N/A	0

TWDB-Required Table 13: Potentially Feasible Flood Mitigation Projects Identified by RFPG

FMP ID	Reduction in Flood Risk								Pre Project Level of Service	Post Project Level of Service	Cost/ Structure removed	Percent Nature based Solution (by cost)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Social Vulnerability Index (SVI)	Water Supply Benefit (Y/N)	Traffic Count for Low Water Crossings	BCR
	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)										
033000007	18	0	0	N/A	0.34	0.00			<2-yr	100-yr	\$208,000	0%	N	N	0.15	N		0.4
033000008	1,151	1	7	44	5.02	0.00			2-yr	100-yr	\$392,000	0%	N	N	0.78	N	4000	0.1
033000016	24	0	0	3	0.16	0.00			<2-yr	100-yr	\$289,000	15%	N	N	0.65	N		0.1
033000030	3,272	0	0	1	0.49	0.00			<1-yr	100-yr	\$1,177,000	0%	N	N	0.06	N		0.1
033000031	6,882	0	0	0	3.32	0.00			<1-yr	100-yr	\$248,000	0%	N	N	0.17	N		0.1
033000032	121	0	0	8	0.42	0.00	0	0	1-yr	5-yr	\$388,000	0%	N	N	0.57	N		0.0
033000033	56	1	0	7	0.33	0.00			<100-yr	100-yr	\$326,000	0%	N	N	0.24	N		0.1
033000036	113	1	0	8	0.80	0.00			<100-yr	100-yr	\$178,000	0%	N	N	0.24	N		0.1
033000037	17	0	0	2	0.96	0.00			10-yr	100-yr	N/A	0%	N	N	0.39	N		0.0

TWDB-Required Table 13: Potentially Feasible Flood Mitigation Projects Identified by RFPG

FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC12s	Watersheds	Project Type	Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor
033000038	Project 4 - Big Horn Lane/Canyon Creek Drive system	Prairie Creek; Replaces the existing storm sewer main between Big Horn Lane and Canyon Creek Drive with larger 36" and 48" storm sewer; additional 70 LF inlet capacity to reduce the flooding along Big Horn Lane, Canyon Creek Drive and Canyon Creek Country Club property	03000031, 03000032	Collin	120601060407	Prairie Creek	Storm Drain Infrastructure	0.020	Urban	Richardson
033000039	Project 6 - Valley Forge Street System	Prairie Creek; Parallel culvert crossing the KCS Railroad; concrete flume from the cul-de-sac to the alley parallel to the KCS Railroad; replaces the existing storm sewer main with larger 36" and 60" storm sewer; new wingwalls; and additional 50 LF inlet capacity to keep floodwaters within the road ROW	03000027, 03000028, 03000031, 03000032	Collin, Dallas	120601060407	Prairie Creek	Storm Drain Infrastructure	0.020	Urban	Richardson
033000040	Project 8 - Lower Canyon Creek Drive System	Prairie Creek; Replaces the existing storm sewer with larger 24", 36" and 42" storm sewer along Lower Canyon Creek Drive; new 42" storm sewer; and additional 70 LF inlet capacity to keep floodwaters within the road ROW	03000027, 03000028, 03000031, 03000032	Dallas	120601060407	Prairie Creek	Storm Drain Infrastructure	0.020	Urban	Richardson
033000041	Project 9 - Grandview Drive System	Prairie Creek; Replaces the existing storm sewer with larger storm sewer along Grandview Drive; new wingwalls; and additional 100 LF inlet capacity to keep floodwaters within the road ROW	03000027, 03000028, 03000031, 03000032	Dallas	120601060407	Prairie Creek	Storm Drain Infrastructure	0.010	Urban	Richardson
033000042	Project 16 - Valley Glen drive System	Prairie Creek; Parallel storm sewer along the existing storm sewer alignment and extends the existing system further downstream; new storm sewer; and additional 230 LF inlet capacity to reduce the flooding along Valley Glen Drive and Pleasant Valley Lane	03000031, 03000032	Collin	120601060407	Prairie Creek	Storm Drain Infrastructure	0.010	Urban	Richardson
033000043	Project 19 – Pebblebrook Circle System	Prairie Creek; Replaces the existing storm sewer with larger 36" storm sewer near Pebblebrook Circle; new 30" storm sewer; and additional 30 LF inlet capacity to keep floodwaters within the road ROW	03000027, 03000028, 03000031, 03000032	Dallas	120601060407	Prairie Creek	Storm Drain Infrastructure	0.010	Urban	Richardson
033000044	Project 2 – Campbell Road System	Cottonwood Creek; Replaces the existing storm sewer main with a larger 30" storm sewer; includes the addition of a 36" and 42" parallel storm sewer; and additional 50 LF inlet capacity near Campbell Road to keep floodwaters within the road ROW	03000027, 03000028, 03000031, 03000032	Dallas	120601050104	Cottonwood Creek	Storm Drain Infrastructure	0.020	Urban	Richardson
033000045	Project 6 – Wisteria Way Circle at Timberlake Circle	Cottonwood Creek; Replaces a portion of the existing storm sewer system with larger 30" RCP storm sewer and proposes an extensive RCBC underground system connecting to the existing stub out adjacent to the Pinehurst Drive and Wisteria Way; and additional 120 LF inlet capacity to keep floodwaters within the road ROW	03000027, 03000028, 03000031, 03000032	Dallas	120601050104	Cottonwood Creek	Storm Drain Infrastructure	0.020	Urban	Richardson
033000046	Project 14 – Ridgeway Circle and Ridgeway Drive System	Cottonwood Creek; 42" RCP storm sewer system addition extending to Dover Drive; 42" and 54" replacement of the existing storm sewer in Ridgeway Circle; and additional 70 LF inlet capacity to reduce flood depths at Dover Drive	03000031, 03000032	Dallas	120601050104	Cottonwood Creek	Storm Drain Infrastructure	0.030	Urban	Richardson
033000047	Project 15 – James Drive and Weatherred Drive System	Cottonwood Creek; 48" RCP diversion along Weatherred Drive; replaces the existing storm sewer system with larger RCBC storm sewer near James Drive; and additional 65 LF inlet capacity to reduce the flood depths along James Drive and Bristol Court	03000031, 03000032	Dallas	120601050104	Cottonwood Creek	Storm Drain Infrastructure	0.030	Urban	Richardson

TWDB-Required Table 13: Potentially Feasible Flood Mitigation Projects Identified by RFPG

FMP ID	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Flood Risk										Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk	Residential structures removed from 100yr (1% annual chance) Flood risk
					Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at 100yr flood risk	Estimated Population at 100yr flood risk	Critical facilities at 100yr flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at 100yr flood risk (Miles)	Estimated farm & ranch land at 100yr flood risk (acres)				
033000038	Richardson	N	\$560,000	State, Local	0.01	N/A	10	10	37	0	0	3	0.16	0.00	10	3	N/A	3
033000039	Richardson	N	\$680,000	State, Local	0.01	N/A	11	9	29	0	0	3	0.43	0.00	11	5	N/A	4
033000040	Richardson	N	\$1,330,000	State, Local	0.01	N/A	14	14	40	0	0	1	0.59	0.00	14	9	N/A	9
033000041	Richardson	N	\$690,000	State, Local	0.01	N/A	10	9	34	0	0	2	0.23	0.00	10	5	N/A	4
033000042	Richardson	N	\$1,340,000	State, Local	0.01	N/A	9	9	29	0	0	2	0.33	0.00	9	2	N/A	2
033000043	Richardson	N	\$460,000	State, Local	0.00	N/A	3	3	3	0	0	2	0.15	0.00	3	1	N/A	1
033000044	Richardson	N	\$1,195,000	State, Local	0.01	N/A	10	4	85	0	0	1	0.24	0.00	10	6	N/A	1
033000045	Richardson	N	\$1,785,000	State, Local	0.01	N/A	30	22	66	0	0	1	0.51	0.00	30	10	N/A	5
033000046	Richardson	N	\$940,000	State, Local	0.01	N/A	34	27	150	0	0	3	0.67	0.00	34	2	N/A	2
033000047	Richardson	N	\$1,660,000	State, Local	0.02	N/A	32	22	130	0	0	4	0.76	0.00	32	17	N/A	11

TWDB-Required Table 13: Potentially Feasible Flood Mitigation Projects Identified by RFPG

FMP ID	Reduction in Flood Risk								Pre Project Level of Service	Post Project Level of Service	Cost/ Structure removed	Percent Nature based Solution (by cost)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Social Vulnerability Index (SVI)	Water Supply Benefit (Y/N)	Traffic Count for Low Water Crossings	BCR
	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)										
033000038	8	0	0	3	0.16	0.00			5-yr	100-yr	\$187,000	0%	N	N	0.39	N		0.0
033000039	18	0	0	3	0.43	0.00			10-yr	100-yr	\$136,000	0%	N	N	0.13	N		0.0
033000040	30	0	0	1	0.59	0.00			25-yr	100-yr	\$148,000	0%	N	N	0.04	N		0.0
033000041	12	0	0	2	0.23	0.00			5-yr	100-yr	\$138,000	0%	N	N	0.04	N		0.0
033000042	14	0	0	2	0.33	0.00			10-yr	100-yr	\$670,000	0%	N	N	0.03	N		0.0
033000043	3	0	0	2	0.15	0.00			25-yr	100-yr	\$460,000	0%	N	N	0.04	N		0.0
033000044	60	0	0	1	0.24	0.00			10-yr	100-yr	\$199,000	0%	N	N	0.34	N		0.0
033000045	16	0	0	1	0.51	0.00			2-yr	100-yr	\$179,000	0%	N	N	0.57	N		0.0
033000046	16	0	0	3	0.67	0.00			50-yr	100-yr	\$470,000	0%	N	N	0.63	N		0.0
033000047	35	0	0	4	0.76	0.00			5-yr	100-yr	\$98,000	0%	Y	N	0.57	N		0.0

FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC12s	Watersheds	Project Type	Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor
033000048	Project 25 – Improvements Within Lindale Branch Basin	Lindale Branch within Cottonwood Creek; Five (5) sub-projects: A1, A2, A3, A4, and A5; Phasing of these sub-projects should be a function of need and cost but are recommended to be implemented in this order: A3, A4, A5, A2, A1.; Sub-Project A1 proposes a new storm sewer system on the west side of Custer Road to provide relief to the existing system from upstream of Salem Drive to Vernet Street followed by a replacement of the existing system from Vernet Street to Jolee Street. This project also proposes a parallel system from Habee Street to Jolee Street.; Sub-Project A2 proposes adding a parallel system to the existing system that extends through the commercial area between Custer Road and Arapaho Road to allow the system to convey the 100-year flows from the upgraded upstream systems along Custer Road from Sub-Project A1.; Sub-Project A3 proposes storm sewer diversion from Arapaho Road to Lindale Branch to alleviate the existing system that extends through the commercial areas. Again, this is required to convey all the flow from the upgraded upstream systems (Sub-Project A1 and A2) and to reduce the flood depth within the commercial areas.; Sub-Project A4 proposes a replacement of the existing storm sewer system and add a new storm sewer system diversion to relieve the existing system North of Arapaho Road and provide more capacity to convey the 100-year storm event. This system conveys the flow resulting from the improvements of Sub-Project A5.; Sub-Project A5 proposes a replacement of the storm sewer system with box culverts between Lowell Lane and Rockingham Lane to convey the 100-year storm event.	03000031, 03000032	Dallas	120601050104	Lindale Branch	Storm Drain Infrastructure	0.300	Urban	Richardson
033000049	10' X 4.5' Culvert at Glenville Drive	Huffhines Creek; Adding one 10-ft by 4.5-ft RCBC to the existing four 10-ft by 4.5-ft RCBC for a total of five culverts will allow for the 10-year and 50-year storm events to pass through the culverts without overtopping the roadway. A viable solution for the 100-year storm was not determined.	03000031, 03000032	Dallas	120301060501	Huffhines Creek	Infrastructure (channels, ditches, ponds, pipes, etc.)	0.005	Riverine	Richardson
033000050	2-9' X 7' Culverts Plano Road	Huffhines Creek; Adding two 9-ft by 7-ft RCBC on both overbanks of the existing five 9-ft by 7-ft RCBC for a total of seven culverts allows the 100-year storm event to pass through the culverts without overtopping the roadway.	03000031, 03000032	Dallas	120301060501	Huffhines Creek	Infrastructure (channels, ditches, ponds, pipes, etc.)	0.002	Riverine	Richardson
033000051	10' X 8' Culvert at St Johns Drive	Huffhines Creek; Adding one 10-ft by 8-ft RCBC to the existing six 10-ft by 8-ft RCBC for a total of seven culverts will allow for the 10-year and 50-year storm events to pass through the culverts without overtopping the roadway. An additional box culvert can be added to allow the 50-year to pass. Additional culverts are not advised due to tailwater constraints.	03000031, 03000032	Dallas	120301060501	Huffhines Creek	Infrastructure (channels, ditches, ponds, pipes, etc.)	0.006	Riverine	Richardson
033000052	3-10' X 8' Culverts at Yale Blvd.	Huffhines Creek; Adding three 10-ft by 8-ft RCBC to the existing six 10-ft by 8-ft RCBC for a total of nine culverts will allow the 100-year storm event to pass through the culverts without overtopping the roadway.	03000031, 03000032	Dallas	120301060501	Huffhines Creek	Infrastructure (channels, ditches, ponds, pipes, etc.)	0.001	Riverine	Richardson
033000053	Sub-project A1 - Glenville Drive/College Park Area Improvements	Huffhines Creek; A 20-acre-ft (35,100 cubic yards of cut) detention pond is proposed at the intersection of Windsong Trail and Glenville Drive at the existing open channel to mitigate peak discharges downstream.	03000031, 03000032	Dallas	120301060501	Huffhines Creek	Regional Detention	0.994	Urban	Richardson
033000054	Sub-project A2 - Improvements along Glenville Drive	Huffhines Creek; Proposes a bypass storm sewer line along Glenville Drive from Windsong Trail to Huffhines Creek to alleviate undersized existing system. Approximately 1,860 LF of proposed 12-ft by 6-ft RCBC will tie into the proposed detention pond (Sub-project A1). Approximately 160 LF of existing 27" RCP will be replaced with 60" RCP to reduce ponding near Shadyglen Circle. Lastly, 130 LF of new inlet is proposed.	03000027, 03000028, 03000031, 03000032	Dallas	120301060501	Huffhines Creek	Infrastructure (channels, ditches, ponds, pipes, etc.)	0.209	Urban	Richardson

FMP ID	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Flood Risk										Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk	Residential structures removed from 100yr (1% annual chance) Flood risk
					Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at 100yr flood risk	Estimated Population at 100yr flood risk	Critical facilities at 100yr flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at 100yr flood risk (Miles)	Estimated farm & ranch land at 100yr flood risk (acres)				
033000048	Richardson	N	\$9,162,000	State, Local	0.09	N/A	169	96	1,728	1	0	7	5.20	0.00	169	121	N/A	48
033000049	Richardson	N	\$730,000	State, Local	0.00	N/A	1	1	2	0	0	3	0.28	0.00	1	0	N/A	0
033000050	Richardson	N	\$1,280,000	State, Local	0.00	N/A	0	0	0	0	0	2	0.13	0.00	0	0	N/A	0
033000051	Richardson	N	\$1,430,000	State, Local	0.00	N/A	0	0	0	0	0	1	0.06	0.00	0	0	N/A	0
033000052	Richardson	N	\$840,000	State, Local	0.00	N/A	0	0	0	0	0	2	0.12	0.00	0	0	N/A	0
033000053	Richardson	N	\$970,000	State, Local	0.27	N/A	186	157	2,966	0	0	260	22.74	4.81	186	100	N/A	95
033000054	Richardson	N	\$2,960,000	State, Local	0.09	N/A	28	16	639	0	0	58	5.30	2.83	28	15	N/A	13

FMP ID	Reduction in Flood Risk								Pre Project Level of Service	Post Project Level of Service	Cost/ Structure removed	Percent Nature based Solution (by cost)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Social Vulnerability Index (SVI)	Water Supply Benefit (Y/N)	Traffic Count for Low Water Crossings	BCR
	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)										
033000048	1,504	1	0	7	5.20	0.00			2-yr	100-yr	\$76,000	0%	N	N	0.55	N		0.0
033000049	0	0	0	0	0.00	0.00			5-yr	50-yr	N/A	0%	N	N	0.35	N		0.0
033000050	0	0	0	2	0.13	0.00			10-yr	100-yr	N/A	0%	N	N	0.35	N		0.0
033000051	0	0	0	0	0.00	0.00			5-yr	50-yr	N/A	0%	N	N	0.10	N		0.0
033000052	0	0	0	2	0.12	0.00			50-yr	100-yr	N/A	0%	Y	N	0.10	N		0.0
033000053	624	0	0	4	0.60	0.28			N/A	100-yr	\$10,000	0%	Y	N	0.32	N		0.0
033000054	405	0	0	3	0.09	0.97			2-yr	100-yr	\$197,000	0%	Y	N	0.32	N		0.0

TWDB-Required Table 13: Potentially Feasible Flood Mitigation Projects Identified by RFPG

FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC12s	Watersheds	Project Type	Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor
033000055	Sub-project A3 - College Park Bypass	Huffhines Creek; Proposes a relief system to accommodate increase discharges from upstream improvements. Approximately 1,290 LF of 5-ft by 10-ft RCBC and 1,200 LF of 5-ft by 8-ft RCBC is proposed along the median of Glenville Drive to the outfall of the proposed detention pond from Sub-project A1.	03000027, 03000028, 03000031, 03000032	Dallas	120301060501	Huffhines Creek	Infrastructure (channels, ditches, ponds, pipes, etc.)	0.465	Urban	Richardson
033000056	Sub-project A4 - College Park Improvements	Huffhines Creek; Replaces undersized existing 24" RCP with 450 LF of 42" RCP, replaces existing 39" RCP with 130 LF of 4-ft by 4-ft RCBC, replaces existing 42" RCP with 180 LF of 6-ft by 4-ft RCBC, and replaces existing 48" RCP with 310 LF of 8-ft by 5-ft RCBC, 330 LF of 9-ft by 5-ft RCBC, and 470 LF of 10-ft by 5-ft RCBC. Lastly, 40 LF of new inlet will be included. The proposed improvements will tie into existing 60" RCP at Spring Valley Road and the proposed Glenville Drive Bypass (Sub-project A2) via a large junction box.	03000013, 030000014, 03000031, 03000032	Dallas	120301060501	Huffhines Creek	Infrastructure (channels, ditches, ponds, pipes, etc.)	0.085	Urban	Richardson
033000057	Sub-project A5 - Annapolis Drive Improvements	Huffhines Creek; Replaces the undersized existing 36" RCP system with 5-ft by 4-ft RCBC and 4-ft by 3-ft RCBC. 60 LF of new inlet will be added. The improved system will outfall into the proposed Glenville Drive Bypass (Sub-project A2) on Spring Valley Road	03000013, 030000014, 03000031, 03000032	Dallas	120301060501	Huffhines Creek	Infrastructure (channels, ditches, ponds, pipes, etc.)	0.060	Urban	Richardson
033000058	Sub-project A7 - Improvements along Windsong Trail	Huffhines Creek; Replaces existing 42", 48", and 54" RCP with 42 LF of 4-ft by 7-ft RCBC, 820 LF of 5-ft by 7-ft RCBC, 710 LF of 5-ft by 9-ft RCBC, and 90 LF of 6-ft by 10-ft RCBC. 40 LF of new inlet will be added.	03000013, 030000014, 03000031, 03000032	Dallas	120301060501	Huffhines Creek	Infrastructure (channels, ditches, ponds, pipes, etc.)	0.178	Urban	Richardson
033000059	Sub-project B3 - Midway, Coral, Surf, and Parcific Cul-de-Sac Improvements	Huffhines Creek; Replaces the existing storm sewer at Midway, Coral, Surf, and Parcific Cul-de-Sacs with larger culverts and constructs 30 LF of inlets. 15" RCPs will be replaced by 170 LF of 36" RCP and 310 LF of 3-ft by 2-ft RCB; 33", 36", and 42" RCP will be replaced by 475 LF of 6-ft by 4-ft RCBC.	03000013, 030000014, 03000031, 03000032	Dallas	120301060501	Huffhines Creek	Infrastructure (channels, ditches, ponds, pipes, etc.)	0.156	Urban	Richardson
033000060	Sub-project C3 - Spring Valley at Towne House Lane	Huffhines Creek; replaces the existing 18" RCP with 60 LF of 4-ft by 3-ft RCBC and 290 LF of 6-ft by 3-ft RCBC. 30 LF of new inlet will be added.	03000031, 03000032	Dallas	120301060501	Huffhines Creek	Infrastructure (channels, ditches, ponds, pipes, etc.)	0.092	Urban	Richardson
033000061	Sub-project D1 - Glenville Drive Improvements at Pacific Drive	Huffhines Creek; This proposal replaces undersized existing storm sewer, constructs an extension, and includes 60 LF of inlet to alleviate flooding along Pacific Drive and Glenville Drive. This alternatives includes 310 LF of new 8-ft by 4-ft RCBC, 300 LF of new 8-ft by 5-ft RCBC, replaces existing 30" RCP with 270 LF of 8-ft by 5-ft RCBC, and replaces 36" RCP with 240 LF of 9-ft by 5-ft RCBC along Glenville Drive.	03000013, 030000014, 03000031, 03000032	Dallas	120301060501	Huffhines Creek	Infrastructure (channels, ditches, ponds, pipes, etc.)	0.337	Urban	Richardson

TWDB-Required Table 13: Potentially Feasible Flood Mitigation Projects Identified by RFPG

FMP ID	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Flood Risk										Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk	Residential structures removed from 100yr (1% annual chance) Flood risk
					Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at 100yr flood risk	Estimated Population at 100yr flood risk	Critical facilities at 100yr flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at 100yr flood risk (Miles)	Estimated farm & ranch land at 100yr flood risk (acres)				
033000055	Richardson	N	\$3,440,000	State, Local	0.16	N/A	86	71	702	0	0	147	13.12	2.83	71	38	N/A	35
033000056	Richardson	N	\$2,160,000	State, Local	0.02	N/A	23	22	86	0	0	38	3.37	0.00	23	16	N/A	15
033000057	Richardson	N	\$1,190,000	State, Local	0.02	N/A	10	10	38	0	0	29	3.12	0.00	10	2	N/A	2
033000058	Richardson	N	\$2,150,000	State, Local	0.05	N/A	43	42	525	0	0	83	7.55	3.13	43	42	N/A	41
033000059	Richardson	N	\$500,000	State, Local	0.04	N/A	22	19	70	0	0	67	5.31	0.40	22	17	N/A	16
033000060	Richardson	N	\$200,000	State, Local	0.02	N/A	38	38	154	0	0	20	2.73	0.07	38	27	N/A	27
033000061	Richardson	N	\$2,170,000	State, Local	0.13	N/A	42	31	653	0	0	78	7.22	1.66	42	7	N/A	5

TWDB-Required Table 13: Potentially Feasible Flood Mitigation Projects Identified by RFPG

FMP ID	Reduction in Flood Risk								Pre Project Level of Service	Post Project Level of Service	Cost/ Structure removed	Percent Nature based Solution (by cost)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Social Vulnerability Index (SVI)	Water Supply Benefit (Y/N)	Traffic Count for Low Water Crossings	BCR
	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)										
033000055	492	0	0	4	0.09	0.97			2-yr	100-yr	\$91,000	0%	Y	N	0.31	N		0.0
033000056	56	0	0	1	0.01	0.00			< 2-yr	100-yr	\$135,000	0%	Y	N	0.35	N		0.0
033000057	7	0	0	0	0.00	0.00			2-yr	100-yr	\$595,000	0%	Y	N	0.35	N		0.0
033000058	520	0	0	26	1.90	0.00			2-yr	100-yr	\$51,000	0%	Y	N	0.35	N		0.0
033000059	40	0	0	14	1.26	0.00			5-yr	100-yr	\$29,000	0%	Y	N	0.35	N		0.0
033000060	108	0	0	3	0.24	0.01			5-yr	100-yr	\$7,000	0%	Y	N	0.32	N		0.0
033000061	367	0	0	1	0.01	0.46			2-yr	100-yr	\$310,000	0%	N	N	0.27	N		0.0

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	FMS Name	Description	Strategy Type	Sponsor	Nonrecurring, Noncapital Cost (\$)	Estimated Total Strategy Cost (\$)
032000001	Lavon Warning System	Expand the Early Warning Sirens and Local Warning System to notify new populations of impending severe weather or imminent hazards to reduce the loss of life and mitigate the effects of the hazards	Flood Measurement and Warning	Lavon	\$25,000	\$250,000
032000002	Lindsay Flood Warning and Public Safety Improvements	Citywide "reverse 911" to enable local emergency officials to notify emergency information pertaining to flood advisories, flood warnings, and flood evacuations.	Flood Measurement and Warning	Lindsay	\$25,000	\$250,000
032000003	Addition of Low Water Crossing Signs and Gates - City of Irving	Identify and add low water crossing signs and gates to low water crossing areas as described in The Road to The Future Report.	Flood Measurement and Warning	Irving	\$25,000	\$250,000
032000004	Richardson Flood Warning and Public Safety Improvements	Monitor streams and waterways for potential flooding problems including installation of gauges, sensors, and precipitation measuring sites.	Flood Measurement and Warning	Richardson	\$25,000	\$250,000
032000005	Timber Creek Flood Warning System Installation	Purchase and Install Flood Warning Systems in Key Areas Along Timber Creek	Flood Measurement and Warning	Lewisville	\$25,000	\$250,000
032000006	Houston County Stream and Rain Gauge Installation	Install stream and rain gauges in flood prone areas and waterways as part of new alert notification system	Flood Measurement and Warning	Houston County	\$25,000	\$250,000
032000007	Hunt County Flood Warning and Public Safety	Adopt and Promote the program of "Turn Around Don't Drown Campaign." Implement early warning program.	Flood Measurement and Warning	Hunt County	\$25,000	\$250,000
032000008	City of Kemp Siren Notification System	Install siren notification system for disasters, including dam failure of Kemp Lake Dam	Flood Measurement and Warning	Kemp	\$25,000	\$250,000
032000009	Leon County Local Flood Warning System	This action proposes a local flood warning system to reduce the potential impacts of future flood events	Flood Measurement and Warning	Leon County	\$25,000	\$250,000
032000010	Rockwall County Warning Signs and Flood Control Gates	Install automatic flood warning gates to prevent access into flooded areas. Install warning signs and flood control	Flood Measurement and Warning	Rockwall County	\$25,000	\$250,000
032000011	Chambers Creek Stream Flow Monitoring System	Implement a Stream Flow Monitoring system that will allow for historical tracking and constant monitoring of water levels to assist with early warnings to residents	Flood Measurement and Warning	Everman	\$25,000	\$250,000
032000012	Creek Level Monitoring Systems and Weather Stations Installation	Install creek level monitoring systems and weather stations	Flood Measurement and Warning	Mansfield	\$25,000	\$250,000
032000013	Dalworthington Flood Warning System	Purchase and install a technological based high water detection system for low water crossings to mitigate the hazards when the location floods	Flood Measurement and Warning	Dalworthington Gardens	\$30,000	\$300,000
032000014	Colleyville Flood Warning System	Enhance high water warning system by adding automatic gates on the streets that normally flood	Flood Measurement and Warning	Colleyville	\$25,000	\$250,000
032000015	Haslet Flood Warning System	Install flood warning devices to low water crossing.	Flood Measurement and Warning	Haslet	\$25,000	\$250,000
032000016	Additional Rain/Stream Gauges for 13 locations	West Fork Trinity River at MacArthur Blvd, Bowman Creek at Mirabella Blvd, Cottonwood Creek at Robinson Road, Johnson Creek at Duncan Perry Road, Foster Branch at Seeton Road, Mountain Creek at county road FM 661, Carrier Parkway underneath I-20, Robinson	Flood Measurement and Warning	Grand Prairie	\$25,000	\$250,000

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	Potential Funding Sources and Amount	Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk
032000001		0.16	0.08	4	4	4	0	1		1	31.52	N/A	N/A	N/A
032000002		0.36	0.05	36	24	39	0	0		2	135.68	N/A	N/A	N/A
032000003		12.90	2.30	4,589	4,495	40,893	31	29		84	1,387.41	N/A	N/A	N/A
032000004		1.51	0.36	139	125	613	1	25		7	81.45	N/A	N/A	N/A
032000005		0.67	0.12	140	136	475	1	0		3	38.14	N/A	N/A	N/A
032000006		245.75	18.12	142	82	113	5	18		110	4,592.96	N/A	N/A	N/A
032000007		6.29	0.18	27	16	7	0	0		4	2,159.17	N/A	N/A	N/A
032000008		0.44	0.06	6	6	11	2	0		5	92.65	N/A	N/A	N/A
032000009		239.24	18.94	77	69	50	6	5		100	5,218.71	N/A	N/A	N/A
032000010		34.49	1.59	411	371	1,553	3	15		34	4,484.99	N/A	N/A	N/A
032000011		0.45	0.05	272	225	1,006	4	8		6	86.03	N/A	N/A	N/A
032000012		4.62	1.38	422	385	2,492	4	12		30	778.52	N/A	N/A	N/A
032000013		0.23	0.01	12	11	25	0	3		1	16.49	N/A	N/A	N/A
032000014		1.38	0.18	156	148	735	2	4		5	131.85	N/A	N/A	N/A
032000015		1.17	0.22	39	31	103	1	4		2	527.87	N/A	N/A	N/A
032000016		26.69	3.30	442	338	3,471	8	19		40	1,927.26	N/A	N/A	N/A

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	Habitable structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated active farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)	Cost/ Structure removed	Consideration of Nature based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
032000001	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000002	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000004	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000006	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000010	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000012	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000014	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000015	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000016	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	FMS Name	Description	Strategy Type	Sponsor	Nonrecurring, Noncapital Cost (\$)	Estimated Total Strategy Cost (\$)
032000017	Additional Low Water Crossing Flashing Lights and Automated Gates	Duncan Perry Road between Ave K and Sherwood Drive, Riverside Pkwy LWC (lights already in place need gates added), SW 3rd from Phillips Ct to Dickey Road (gates being added in September 2021)	Flood Measurement and Warning	Grand Prairie	\$25,000	\$250,000
032000018	Grayson County Flood Warning and Public Safety Improvements	Create improved gauge notification system. Increased Public Awareness prior to occurrences and during flooding.	Flood Measurement and Warning	Grayson County	\$25,000	\$250,000
032000019	Dallas County Floodplain Management	Manage the Floodplain beyond the minimum requirements. This action will include developing an incentive program for building above the required freeboard minimum	Regulatory and Guidance	Dallas County	\$1,000,000	\$1,000,000
032000020	Anderson County Structure Permitting Requirement Update	Increase freeboard requirements for permitting structures in the SFHA; Adopt a "no-rise" in BFE in the 100-year floodplain; Update local flood ordinance to prohibit granting of variance in SFHA	Regulatory and Guidance	Anderson County	\$100,000	\$100,000
032000021	Bynum Stormwater Management Policy Updates	Update storm water management policies. Require approved site control plans and storm water runoff plans before long-duration construction projects are permitted to begin.	Regulatory and Guidance	Bynum	\$100,000	\$100,000
032000022	Flood Protection Ordinance Updates	Develop and Implement a City and Town flood protection ordinance	Regulatory and Guidance	Corinth, Hickory Creek, Lake Dallas, Little Elm, Shady Shores, The Colony	\$100,000	\$100,000
032000023	Hill County Flooding Regulations Update	Catalog, evaluate, and update any floodplain regulations within the City to comply with the latest FEMA regulations.	Regulatory and Guidance	Hill County	\$100,000	\$100,000
032000024	Freestone County Flood Damage Prevention Ordinance	Develop and Implement a Flood Damage Prevention Ordinance	Regulatory and Guidance	Freestone County	\$100,000	\$100,000
032000025	Caney City Floodproofing Ordinances	Implement ordinances to ensure new housing developments meet current floodproofing, as well as ensure that critical facilities owned by jurisdiction are protected from flood.	Regulatory and Guidance	Caney City	\$100,000	\$100,000
032000026	Leon County Floodplain Construction Restrictions Re-Evaluation	This action proposes a re-evaluation of all existing floodplain construction restrictions to identify strengths and weaknesses in order to reduce future damages during flood events	Regulatory and Guidance	Leon County	\$100,000	\$100,000
032000027	Rockwall County Flood Prevention Ordinance	Update Flood Prevention ordinance, adopting a "no-rise" in Base Flood Elevation in the 100-year floodplain	Regulatory and Guidance	Rockwall County	\$100,000	\$100,000
032000028	San Jacinto County Ordinance to Control Location of Development	Strengthen ordinance(s)/code(s) to control location of development, especially in low lying flood hazard areas	Regulatory and Guidance	San Jacinto County, Shepherd, Coldspring, Point Blank	\$100,000	\$100,000
032000029	Montague County Floodplain Policy Update	Increase freeboard requirements for permitting structures in the SFHA; Update local flood ordinance to prohibit granting of variance in SFHA	Regulatory and Guidance	Montague County	\$100,000	\$100,000
032000030	Town of Westlake's Floodplain Mitigation Ordinances Review	Review and enhance the Town of Westlake's floodplain mitigation ordinances and policies as needed	Regulatory and Guidance	Westlake	\$100,000	\$100,000
032000031	Wills Point Structure Permitting Requirement Update	Increase freeboard requirements for permitting structures in the SFHA; Adopt a "no-rise" in BFE in the 100-year floodplain; Update local flood ordinance	Regulatory and Guidance	Wills Point	\$100,000	\$100,000
032000032	Wise County Storm Water Management Plan	Create a Storm water Management Plan	Regulatory and Guidance	Wise County, Alvord	\$300,000	\$300,000

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	Potential Funding Sources and Amount	Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk
032000017		26.69	3.30	442	338	3,471	8	19		40	1,927.26	N/A	N/A	N/A
032000018		68.03	7.23	436	376	541	5	1		43	21,311.44	N/A	N/A	N/A
032000019		211.70	24.78	22,225	20,521	181,697	369	387		791	31,557.68	N/A	N/A	N/A
032000020		184.20	11.63	667	416	1,408	6	6		73	36,103.84	N/A	N/A	N/A
032000021		0.00	0.00	0	0	0	0	0		0	0.56	N/A	N/A	N/A
032000022		19.53	2.30	381	289	1,062	22	2		31	1,613.81	N/A	N/A	N/A
032000023		59.02	8.37	127	83	109	0	1		24	24,901.61	N/A	N/A	N/A
032000024		233.17	15.29	557	237	389	3	2		91	21,752.58	N/A	N/A	N/A
032000025		0.09	0.00	8	5	4	0	0		1	4.06	N/A	N/A	N/A
032000026		239.10	18.93	0	0	0	6	5		100	0.00	N/A	N/A	N/A
032000027		34.49	1.59	411	371	1,553	3	15		34	4,484.99	N/A	N/A	N/A
032000028		1.88	0.27	270	257	875	4	0		7	74.03	N/A	N/A	N/A
032000029		68.97	7.81	0	0	0	0	3		57	0.00	N/A	N/A	N/A
032000030		0.77	0.01	17	11	114	0	3		2	235.65	N/A	N/A	N/A
032000031		0.12	0.03	25	12	91	1	0		1	24.07	N/A	N/A	N/A
032000032		184.67	21.58	488	391	1,674	11	16		100	20,539.79	N/A	N/A	N/A

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	Habitable structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated active farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)	Cost/ Structure removed	Consideration of Nature based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
032000017	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000018	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000019	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000022	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000023	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000024	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000025	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000026	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000027	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000028	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000029	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000030	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000031	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000032	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	FMS Name	Description	Strategy Type	Sponsor	Nonrecurring, Noncapital Cost (\$)	Estimated Total Strategy Cost (\$)
032000033	Valley View Floodplain Regulation Updates	Update local ordinances to include regulation of floodplain so that the community may participate in NFIP program.	Regulatory and Guidance	Valley View	\$100,000	\$100,000
032000034	City of Sachse Parks Construction Along Low Lying Areas	Establish city parks along low-lying areas	Other	Sachse	\$100,000	\$1,000,000
032000035	Carrollton Targeted Flood Remediation	Plan for and establish City-owned stand-by contracts for targeted flood remediation of private homes if authorized by City Administration.	Property Acquisition and Structural Elevation	Carrollton	\$500,000	\$5,000,000
032000036	Sunnyvale Floodplain Preservation Program	Restrict future development in high risk areas.	Regulatory and Guidance	Sunnyvale	\$100,000	\$100,000
032000037	Itasca Zoning Regulations and Land Use Planning Mechanisms	Establish zoning regulations to prohibit residential construction in flood prone areas. Implement strategic land-use planning mechanisms to ensure flood-resistant development occurs in flood-prone areas	Regulatory and Guidance	Itasca	\$100,000	\$100,000
032000038	Kaufman County Regulation Standards to Protect Open Space Flood-Prone Areas	Conduct program in conjunction with local communities to incorporate regulatory standards to protect open space flood-prone areas	Regulatory and Guidance	Kaufman County	\$100,000	\$100,000
032000039	Tarrant County Promotion of Open Space and LID	Promote the inclusion of low impact development requirements in local and regional ordinances	Regulatory and Guidance	North Central Texas Council of Govt	\$500,000	\$500,000
032000040	Itasca Land Use Planning Mechanisms	Implement strategic land-use planning mechanisms to ensure flood-resistant development occurs in flood-prone areas	Regulatory and Guidance	Itasca	\$100,000	\$100,000
032000041	Dallas County Land Use Program	Continue to develop and maintain special use parks and green belt areas as flooding mitigation strategies & further prohibiting development in the floodplain.	Regulatory and Guidance	Richardson	\$100,000	\$100,000
032000042	Houston County Maintenance Program	Develop a maintenance program to clear debris from bridges, box culverts, and drainage systems throughout. Implement program to clear debris from flood-prone areas, bridges, drains and culverts to prevent overtopping and backup during flash floods	Other	Houston County	\$100,000	\$100,000
032000043	Kaufman County Agreement to Monitor High Hazard Dams	Develop a mutual aid agreement with the City of Terrell, City of Kemp, City of Kaufman to monitor High hazard dams with automated monitor to minimize potential dam failure of the structure	Other	Kaufman County, Terrell, Kemp, Kaufman	\$300,000	\$300,000
032000044	Rowlett Creek Tributary Maintenance Program	Develop a maintenance program including routine channel maintenance and erosion control for Rowlett Creek Tributary (Stream 2D13). Keep creek and inlets clear of debris and overgrown vegetation.	Other	Sachse	\$250,000	\$250,000
032000045	Addison-Carrollton Debris Cleaning Program	Develop and implement a program for clearing debris from bridges, drains and culverts.	Other	Addison, Carrollton	\$100,000	\$100,000
032000046	Navarro County Waterways Clearing	Develop a maintenance program to clear waterways of debris and prevent further collection of debris in waterways	Other	Corsicana	\$75,000	\$75,000

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FMS ID	Potential Funding Sources and Amount	Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk
032000033		0.20	0.03	7	4	5	0	2		1	91.72	N/A	N/A	N/A
032000034		1.19	0.47	71	61	240	0	6		4	253.78	N/A	N/A	N/A
032000035		9.55	1.02	1,068	930	15,723	18	19		48	617.10	N/A	N/A	N/A
032000036		3.39	0.53	54	48	164	0	2		6	1,002.14	N/A	N/A	N/A
032000037		0.06	0.02	4	0	2	0	0		0	25.80	N/A	N/A	N/A
032000038		254.64	17.06	2,086	1,672	4,193	13	16		148	88,117.98	N/A	N/A	N/A
032000039		145.92	23.08	14,853	12,825	78,224	163	530		468	20,062.70	N/A	N/A	N/A
032000040		0.06	0.02	4	0	2	0	0		0	25.80	N/A	N/A	N/A
032000041		1.51	0.36	139	125	613	1	25		7	81.45	N/A	N/A	N/A
032000042		245.76	18.12	0	0	0	5	18		110	0.00	N/A	N/A	N/A
032000043		254.64	17.06	2,086	1,672	4,193	13	16		148	88,117.98	N/A	N/A	N/A
032000044		6.51	0.83	1,005	944	7,586	10	39		30	627.50	N/A	N/A	N/A
032000045		9.62	1.09	1,081	943	16,581	18	19		49	617.10	N/A	N/A	N/A
032000046		4.45	0.75	487	471	1,647	6	33		27	797.49	N/A	N/A	N/A

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	Habitable structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated active farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)	Cost/ Structure removed	Consideration of Nature based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
032000033	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000034	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	N	N	N
032000035	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000036	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000037	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000038	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	N	N	N
032000039	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	N	N	N
032000040	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000041	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	N	N	N
032000042	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000043	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000044	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000045	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000046	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	FMS Name	Description	Strategy Type	Sponsor	Nonrecurring, Noncapital Cost (\$)	Estimated Total Strategy Cost (\$)
032000047	Weatherford Biannual Dam Inspection Program	Create and implement a biannual inspection program to inspect the city-owned dams to help prevent dam failure	Other	Weatherford	\$50,000	\$50,000
032000048	Richland Hills Semi-Annual Levee Inspections	Prepare an inspection program of the levee to look for any maintenance problems or levee failure issues	Other	Richland Hills	\$50,000	\$50,000
032000049	Rowlett Creek Tributary Maintenance Program	Routine channel maintenance and erosion control for Rowlett Creek Tributary (Stream 2D13). Keep creek and inlets clear of debris and overgrown vegetation.	Other	Sachse	\$250,000	\$250,000
032000050	Hazard Hardening Retrofit for Polk County Facilities	Flood-proofing, impact resistant windows, storm shutters, roof straps, structural bracing, low-flow plumbing fixtures, roll-up door reinforcement, grounding systems, surge-protection, data back-up systems, plumbing reinforcement and insulation, heat resistant	Property Acquisition and Structural Elevation	Polk County, Corrigan, Goodrich, Livingston, Onalaska, Seven Oaks	\$3,000,000	\$30,000,000
032000051	Acquire and Protect Red Oak Creek, Bentle Branch Creek, and Balcones Escarpment	Acquire areas in the floodplain and protect environmentally sensitive areas and convert them into open space land	Property Acquisition and Structural Elevation	Cedar Hill	\$500,000	\$5,000,000
032000052	Ten Mile Creek Comprehensive Loss Reduction Program	Develop a comprehensive loss reduction program, involving buy outs and relocation in areas along Ten Mile Creek to reduce losses and repetitive damages. Buyout structures that are in the floodplain. Land Acquisition for repetitive loss structures	Property Acquisition and Structural Elevation	Lancaster	\$500,000	\$5,000,000
032000053	Midway Property Acquisition and Elevation Program	Acquire existing homes located in the identified special flood hazard area (the 100-year floodplain).	Property Acquisition and Structural Elevation	Midway	\$500,000	\$5,000,000
032000054	Montague County Property Acquisition and Land Preservation Program	Acquire and preserve open space adjacent to floodplain areas.	Property Acquisition and Structural Elevation	Montague County	\$500,000	\$5,000,000
032000055	Montague County Sewage Treatment Plants and Sewage Lift Stations Flood-Proofing Program	Flood-proof sewage treatment plants in flood hazard / low-lying areas within Region 3. Raise electrical components of sewage lift stations above the Base Flood Elevation (BFE)	Property Acquisition and Structural Elevation	Montague County	\$50,000	\$500,000
032000056	San Jacinto County Voluntary Property Acquisition & Elevation Program	Pursue voluntary acquisition projects for flood prone properties. Elevate homes in low lying or flood prone areas.	Property Acquisition and Structural Elevation	Shepherd, San Jacinto County	\$500,000	\$5,000,000
032000057	Johnson County Acquisition of Flood Prone Structures	Acquire, relocate, and/or elevate flood prone structures	Property Acquisition and Structural Elevation	Johnson County	\$500,000	\$5,000,000
032000058	Acquisition of Repetitive Loss Properties in the Deep River Plantation Subdivision	Acquire repetitive flood loss properties and properties prone to flooding in the Deep River Plantation Subdivision	Property Acquisition and Structural Elevation	Walker County	\$500,000	\$5,000,000
032000059	Anderson County Floodplain Acquisition and Preservation Program	Acquire and preserve open spaces adjacent to floodplain areas.	Property Acquisition and Structural Elevation	Anderson County	\$500,000	\$5,000,000
032000060	Collin County Property and Structures Buyout Program	Develop and implement a buyout program for personal properties and structures located in the floodplain	Property Acquisition and Structural Elevation	Collin County	\$500,000	\$5,000,000
032000061	Cooke County Acquisition of Repetitive Loss and Damaged Properties	Purchase and removal of damaged homes that are located in the floodplain. Buyout of repetitive flood loss properties in the Wilson Court area.	Property Acquisition and Structural Elevation	Cooke County	\$500,000	\$5,000,000
032000062	Dallas County Acquisition of Flood-Prone and Repetitive Loss Properties	Acquisition / demolition of 46 flood-prone and repetitive loss properties.	Property Acquisition and Structural Elevation	Dallas County	\$5,000,000	\$50,000,000

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FMS ID	Potential Funding Sources and Amount	Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk
032000047		5.63	0.51	520	468	2,170	5	6		18	759.01	N/A	N/A	N/A
032000048		0.51	0.03	404	397	1,882	2	15		7	3.51	N/A	N/A	N/A
032000049		1.19	0.47	71	61	240	0	6		4	253.78	N/A	N/A	N/A
032000050		189.78	15.10	1,797	1,654	2,681	31	3		95	13,977.25	N/A	N/A	N/A
032000051		3.10	0.67	315	298	3,969	3	1		17	215.90	N/A	N/A	N/A
032000052		3.81	0.56	316	266	3,800	3	14		13	561.83	N/A	N/A	N/A
032000053		0.12	0.01	2	2	6	1	0		0	41.82	N/A	N/A	N/A
032000054		68.97	7.81	0	0	0	0	3		57	0.00	N/A	N/A	N/A
032000055		68.97	7.81	0	0	0	0	3		57	0.00	N/A	N/A	N/A
032000056		1.45	0.21	139	129	702	3	0		6	54.92	N/A	N/A	N/A
032000057		55.60	7.73	1,851	1,555	4,897	12	372		62	18,202.36	N/A	N/A	N/A
032000058		128.82	8.93	1,654	1,480	4,303	11	5		59	28,691.50	N/A	N/A	N/A
032000059		184.20	11.63	667	416	1,408	6	6		73	36,103.84	N/A	N/A	N/A
032000060		170.87	11.47	2,842	2,401	17,576	26	55		146	34,153.61	N/A	N/A	N/A
032000061		122.38	11.45	1,328	964	2,077	6	32		81	40,878.87	N/A	30	N/A
032000062		211.70	24.78	22,225	20,521	181,697	369	387		791	31,557.68	N/A	46	N/A

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	Habitable structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated active farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)	Cost/ Structure removed	Consideration of Nature based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
032000047	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000048	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000049	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000050	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000051	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	N	N	N
032000052	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000053	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000054	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	N	N	N
032000055	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000056	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000057	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000058	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000059	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	N	N	N
032000060	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000061	30	90	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$167,000	N	N	N	N
032000062	39	117	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$1,087,000	N	N	N	N

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	FMS Name	Description	Strategy Type	Sponsor	Nonrecurring, Noncapital Cost (\$)	Estimated Total Strategy Cost (\$)
032000063	Grayson County Buyout of Repetitive Flood Properties	Buyout of repetitive flood properties, which includes any structures found to be located in flood areas that aren't incorporated in NFIP areas.	Property Acquisition and Structural Elevation	Grayson County	\$500,000	\$5,000,000
032000064	Terrell Property Acquisition Program	Acquire high risk and repetitive flood-prone structures	Property Acquisition and Structural Elevation	Terrell	\$500,000	\$5,000,000
032000065	Leon County Property Acquisition Program	Acquire any repetitive loss structures located below the high hazard dams and homes located in the floodplain.	Property Acquisition and Structural Elevation	Leon County	\$500,000	\$5,000,000
032000066	City of Fate Floodplain Acquisition and Preservation Program	Acquire, reuse, and preserve open spaces adjacent to floodplain areas to reduce the impacts of flooding	Property Acquisition and Structural Elevation	Fate	\$500,000	\$5,000,000
032000067	City of Kennedale Property Acquisition Program - Village Creek	Acquire all private property located within the Village Creek 100-year floodplain in the City of Kennedale	Property Acquisition and Structural Elevation	Kennedale	\$500,000	\$5,000,000
032000068	City of Mansfield Property Acquisition Program	Acquire properties at risk of flooding and permanently remove them from special flood hazard areas.	Property Acquisition and Structural Elevation	Mansfield	\$500,000	\$5,000,000
032000069	Tarrant County Property Acquisition Program	Create a Buyout Program for Repetitive Loss Properties	Property Acquisition and Structural Elevation	Tarrant County	\$500,000	\$5,000,000
032000070	Walker County Voluntary Buyout Program	The county and partnering jurisdictions will begin a voluntary buyout program for insured severe repetitive loss properties that are in the floodplain	Property Acquisition and Structural Elevation	Walker County, New Waverly, Riverside	\$500,000	\$5,000,000
032000071	Wise County Repetitive Flood Loss Buyout Program	Develop a buyout program for repetitive flood loss areas within the county	Property Acquisition and Structural Elevation	Wise County	\$500,000	\$5,000,000
032000072	City of Chico Property Acquisition Program	City will acquire property and structures in the flood zone along Dry Creek and its tributaries and remove structures to prevent loss of life and property during flooding events.	Property Acquisition and Structural Elevation	Chico	\$500,000	\$5,000,000
032000073	Town Creek Warren Park Extension (Property Acquisition Program)	Create a buyout program	Property Acquisition and Structural Elevation	Burleson	\$500,000	\$5,000,000
032000074	City of Hurst Buyout Program	107 total structures across the Lorean, Valley View, and Walker watersheds	Property Acquisition and Structural Elevation	Hurst	\$2,500,000	\$25,000,000
032000075	Anderson County Flood Education Program	Coordinate and implement a natural hazards public awareness campaign. Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.	Education and Outreach	Anderson County	\$50,000	\$50,000
032000076	Cooke County Public Information and Education	"Turn Around Don't Drown" campaign.	Education and Outreach	Lindsay	\$50,000	\$50,000
032000077	Cooke County Flood Education and Flood Insurance Public Awareness Program	Education of the public on the importance of Flood Insurance. "Turn Around Don't Drown" campaign.	Education and Outreach	Cooke County	\$50,000	\$50,000

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	Potential Funding Sources and Amount	Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk
032000063		68.03	7.23	436	376	541	5	1		43	21,311.44	N/A	N/A	N/A
032000064		5.94	0.48	156	131	836	6	6		23	1,654.74	N/A	N/A	N/A
032000065		239.10	18.93	428	292	636	6	5		100	54,925.91	N/A	N/A	N/A
032000066		0.63	0.16	13	11	51	2	2		2	230.52	N/A	N/A	N/A
032000067		1.09	0.12	167	101	2,438	4	12		4	146.46	N/A	N/A	N/A
032000068		4.62	1.39	422	385	2,492	163	530		30	778.43	N/A	N/A	N/A
032000069		145.92	23.08	14,853	12,825	78,224	11	5		468	20,062.70	N/A	N/A	N/A
032000070		128.82	8.93	100	65	70	11	16		59	24,889.45	N/A	N/A	N/A
032000071		184.67	21.58	1,118	888	1,558	2	0		100	35,896.37	N/A	N/A	N/A
032000072		0.23	0.04	0	0	0	1	17		2	0.00	N/A	N/A	N/A
032000073		4.70	0.62	269	224	1,305	3	10		18	1,045.64	N/A	N/A	N/A
032000074		0.68	0.20	287	278	1,276	6	6		9	17.99	N/A	107	N/A
032000075		184.20	11.63	667	416	1,408	0	0		73	36,103.84	N/A	N/A	N/A
032000076		0.36	0.05	36	24	39	6	32		2	135.68	N/A	N/A	N/A
032000077		122.38	11.45	1,328	964	2,077	7	17		81	40,878.87	N/A	N/A	N/A

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	Habitable structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated active farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)	Cost/ Structure removed	Consideration of Nature based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
032000063	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000064	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000065	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000066	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	N	N	N
032000067	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000068	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000069	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000070	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000071	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000072	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000073	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000074	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$234,000	N	N	N	N
032000075	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000076	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000077	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	FMS Name	Description	Strategy Type	Sponsor	Nonrecurring, Noncapital Cost (\$)	Estimated Total Strategy Cost (\$)
032000078	Glenn Heights-Seagoville-Wilmer Flood Safety Improvements and Education	Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program	Education and Outreach	Glenn Heights, Seagoville, Wilmer	\$50,000	\$50,000
032000079	Krum "Turn Around, Don't Drown" Campaign	Implement "Turn Around, Don't Drown" campaign.	Education and Outreach	Krum	\$50,000	\$50,000
032000080	Fannin County Flood Safety Education	Education programs such as "Turn around Don't Drown." Work with local newspaper to run flood safety information. Public education via water bills, social media, and webpage to promote flood safety.	Education and Outreach	Fannin County	\$50,000	\$50,000
032000081	Fannin County Flood Insurance Education	Develop and distribute information about the availability and need for flood insurance. Public awareness of NFIP.	Education and Outreach	Fannin County	\$50,000	\$50,000
032000082	Grayson County Flood Insurance and Flood Safety Education Program	Educate residents on NFIP program and importance of purchasing flood insurance. Turn Around Don't Drown Campaign. Educate property owners near high hazard dams of potential dam failure. Better inform residents of mitigation activities to implement in h	Education and Outreach	Grayson County	\$50,000	\$50,000
032000083	Grayson County Flood Safety Education	Turn Around Don't Drown Campaign. Educate property owners near high hazard dams of the potential of a dam failure. Better inform residents of mitigation activities that they can implement in their homes.	Education and Outreach	Grayson County	\$50,000	\$50,000
032000084	Hill County Flooding Education and Outreach Program	Develop a coordinated education, outreach, and training program to inform and educate the public about the dangers of flooding and how to prevent flood damages to property.	Education and Outreach	Hill County	\$50,000	\$50,000
032000085	Houston County Flood Insurance and Dam Education Program	Develop and implement NFIP public education program for residents affected by high flood risk areas. Educate the Public on mitigation activities that can help protect their properties in the event of structural failures and extreme flooding.	Education and Outreach	Houston County	\$50,000	\$50,000
032000086	Houston County Public Education on Dam Education	Educate the Public on mitigation activities that can help protect their properties in the event of structural failures and extreme flooding	Education and Outreach	Houston County	\$50,000	\$50,000
032000087	Jack County Flood Education	Implement a flood awareness program by providing FEMA / NFIP materials to mortgage lenders, real estate agents and insurance agents	Education and Outreach	Jack County	\$50,000	\$50,000
032000088	Kaufman County Flood Education Program	Conduct countywide outreach to educate residents on flood hazards, mitigation techniques and promote availability of NFIP flood insurance.	Education and Outreach	Kaufman County	\$50,000	\$50,000
032000089	Montague County Flood Education	Implement a flood awareness program by providing FEMA / NFIP materials to mortgage lenders, real estate agents and insurance agents and place them in local libraries.	Education and Outreach	Montague County	\$50,000	\$50,000
032000090	Parker County Flood and Dam Education	Create and implement a community-wide educational campaign to educate residents about the NFIP and dam safety	Education and Outreach	Weatherford, Hudson Oaks, Aledo, Parker County	\$50,000	\$50,000
032000091	Livingston Flood Damage Mitigation Educational Program	Establish an educational program to teach citizens how to mitigate flood damage to their property	Education and Outreach	Livingston	\$60,000	\$60,000
032000092	Tarrant County Flood Education	Provide flood risk and mitigation risk mapping materials for property owners in floodplains. Include mitigation techniques	Education and Outreach	River Oaks	\$65,000	\$65,000
032000093	Tarrant County Flood Education Program	Conduct NFIP community workshops to provide information and incentives for property owners to acquire flood insurance.	Education and Outreach	Tarrant County	\$50,000	\$50,000

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	Potential Funding Sources and Amount	Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk
032000078		7.82	0.79	440	427	1,610	0	0		18	2,059.09	N/A	N/A	N/A
032000079		0.27	0.03	31	28	72	0	0		2	126.73	N/A	N/A	N/A
032000080		5.70	0.55	139	119	93	0	0		4	1,782.62	N/A	N/A	N/A
032000081		5.70	0.55	139	119	93	5	1		4	1,782.62	N/A	N/A	N/A
032000082		68.03	7.23	436	376	541	5	1		43	21,311.44	N/A	N/A	N/A
032000083		68.03	7.23	436	376	541	0	1		43	21,311.44	N/A	N/A	N/A
032000084		59.02	8.37	127	83	109	5	18		24	24,901.61	N/A	N/A	N/A
032000085		245.76	18.12	0	0	0	5	18		110	0.00	N/A	N/A	N/A
032000086		245.76	18.12	0	0	0	0	6		110	0.00	N/A	N/A	N/A
032000087		125.29	13.88	116	60	117	13	16		55	5,105.56	N/A	N/A	N/A
032000088		254.64	17.06	2,086	1,672	4,193	0	3		148	88,117.98	N/A	N/A	N/A
032000089		68.97	7.81	0	0	0	18	22		57	0.00	N/A	N/A	N/A
032000090		71.41	8.82	1,953	1,485	6,748	7	0		61	25,501.05	N/A	N/A	N/A
032000091		2.35	0.26	140	128	233	0	0		12	132.80	N/A	N/A	N/A
032000092		0.06	0.01	8	4	10	163	530		0	0.48	N/A	N/A	N/A
032000093		145.92	23.08	14,853	12,825	78,224	1	2		468	20,062.70	N/A	N/A	N/A

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	Habitable structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated active farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)	Cost/ Structure removed	Consideration of Nature based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
032000078	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000079	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000080	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000081	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000082	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000083	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000084	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000085	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000086	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000087	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000088	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000089	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000090	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000091	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000092	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000093	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	FMS Name	Description	Strategy Type	Sponsor	Nonrecurring, Noncapital Cost (\$)	Estimated Total Strategy Cost (\$)
032000094	Van Zandt County Flood Safety Improvements and Education	Educate community on the dangers of low water crossings	Education and Outreach	Van Zandt County	\$50,000	\$50,000
032000095	Walker County Floodplain Regulatory Awareness Public Information Campaign	Rewrite, improve, and implement new local floodplain regulations, to include a public information campaign on regulatory awareness	Education and Outreach	Walker County	\$50,000	\$50,000
032000096	City of Chico NFIP Education Program	Distribute information to downstream property owners educating homeowners about the National Flood Insurance Program.	Education and Outreach	Chico	\$50,000	\$50,000
032000097	Dallas County Open Space System Program and Dallas Trails Program	Adopt and implement Dallas County Open Space System Program and Dallas Trails Program.	Other	Dallas County	\$500,000	\$5,000,000
032000098	Parker County Nature-Based Practices for Flood Control	Implement the use of green infrastructure	Other	Parker County, Hudson Oaks	\$175,000	\$500,000
032000099	Krugerville waterways stabilization program	Develop waterways stabilization program	Other	Krugerville	\$297,500	\$850,000
032000100	City of Euless Stream Bank Protection Program	Develop a plan to reduce stream bank erosion impacts due to flooding along specific creeks	Other	Euless	\$250,000	\$250,000
032000101	Lewisville Storm Water Utility Fee	Conduct a study to evaluate the implementation of levying a storm water fee for developers to fund developments to the storm water drainage systems	Regulatory and Guidance	Lewisville	\$200,000	\$200,000
032000102	City of Retreat NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Retreat	\$100,000	\$100,000
032000103	City of Streetman NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Streetman	\$100,000	\$100,000
032000104	City of Alma NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Alma	\$100,000	\$100,000
032000105	City of Alvord NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Alvord	\$100,000	\$100,000
032000106	City of Angus NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Angus	\$100,000	\$100,000
032000107	City of Bedias NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Bedias	\$100,000	\$100,000
032000108	City of Bynum NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Bynum	\$100,000	\$100,000
032000109	Carl's Corner NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Carl's Corner	\$100,000	\$100,000
032000110	City of Combine NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Combine	\$100,000	\$100,000
032000111	Cayote Flats NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Coyote Flats	\$100,000	\$100,000
032000112	City of Dorchester NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Dorchester	\$100,000	\$100,000

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	Potential Funding Sources and Amount	Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk
032000094		49.18	4.70	506	261	461	11	5		37	18,020.58	N/A	N/A	N/A
032000095		128.82	8.93	19	18	23	2	0		59	24,327.89	N/A	N/A	N/A
032000096		0.23	0.04	0	0	0	369	387		2	0.00	N/A	N/A	N/A
032000097		211.70	24.78	22,225	20,521	181,697	18	22		791	31,557.68	N/A	N/A	N/A
032000098		71.41	8.82	1,953	1,485	6,748	0	1		61	25,501.05	N/A	N/A	N/A
032000099		0.11	0.03	28	27	89	3	11		2	28.49	N/A	N/A	N/A
032000100		1.62	0.25	191	181	3,321	18	7		7	70.75	N/A	N/A	N/A
032000101		14.46	1.95	314	301	3,793	0	0		32	868.67	N/A	N/A	N/A
032000102		0.46	0.11	10	2	11	1	1		0	208.12	N/A	N/A	N/A
032000103		0.24	0.03	4	3	3	0	0		3	50.74	N/A	N/A	N/A
032000104		0.82	0.09	6	4	14	0	0		2	363.41	N/A	N/A	N/A
032000105		0.12	0.03	0	0	0	0	0		2	0.00	N/A	N/A	N/A
032000106		0.37	0.07	13	8	15	0	0		2	94.39	N/A	N/A	N/A
032000107		0.12	0.03	5	4	3	0	0		0	19.52	N/A	N/A	N/A
032000108		0.00	0.00	0	0	0	0	0		0	0.56	N/A	N/A	N/A
032000109		0.19	0.02	7	6	17	0	0		0	28.19	N/A	N/A	N/A
032000110		2.03	0.37	202	196	514	0	2		3	701.34	N/A	N/A	N/A
032000111		0.14	0.02	7	5	16	0	0		0	15.78	N/A	N/A	N/A
032000112		0.15	0.04	0	0	0	0	0		0	31.52	N/A	N/A	N/A

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	Habitable structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated active farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)	Cost/ Structure removed	Consideration of Nature based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
032000094	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000095	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000096	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000097	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	N	N	N
032000098	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	N	N	N
032000099	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000102	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000103	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000104	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000106	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000107	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000108	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000109	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000110	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000111	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000112	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	FMS Name	Description	Strategy Type	Sponsor	Nonrecurring, Noncapital Cost (\$)	Estimated Total Strategy Cost (\$)
032000113	Draper NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Draper	\$100,000	\$100,000
032000114	City of Emhouse NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Emhouse	\$100,000	\$100,000
032000115	City of Eureka NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Eureka	\$100,000	\$100,000
032000116	City of Goodlow NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Goodlow	\$100,000	\$100,000
032000117	Grays Prairie NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Grays Prairie	\$100,000	\$100,000
032000118	City of Hebron NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Hebron	\$100,000	\$100,000
032000119	City of Iola NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Iola	\$100,000	\$100,000
032000120	City of Kirvin NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Kirvin	\$100,000	\$100,000
032000121	City of Latexo NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Latexo	\$100,000	\$100,000
032000122	City of Leona NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Leona	\$100,000	\$100,000
032000123	City of Midway NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Midway	\$100,000	\$100,000
032000124	City of Mustang NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Mustang	\$100,000	\$100,000
032000125	City of Nevada NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Nevada	\$100,000	\$100,000
032000126	Oak Grove NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Oak Grove	\$100,000	\$100,000
032000127	Oak Valley NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Oak Valley	\$100,000	\$100,000
032000128	City of Penelope NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Penelope	\$100,000	\$100,000
032000129	Post Oak Bend NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Post Oak Bend	\$100,000	\$100,000
032000130	Providence Village NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Providence Village	\$100,000	\$100,000
032000131	Town of Road Runner NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Road Runner	\$100,000	\$100,000
032000132	City of Rosser NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Rosser	\$100,000	\$100,000
032000133	City of Tehuacana NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Tehuacana	\$100,000	\$100,000
032000134	City of Dallas Buyout of Repetitive Loss Properties	Develop a buyout program for repetitive loss properties within the city.	Property Acquisition and Structural Elevation	Dallas	\$5,000,000	\$50,000,000

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	Potential Funding Sources and Amount	Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk
032000113		0.00	0.00	0	0	0	0	0		0	0.00	N/A	N/A	N/A
032000114		0.02	0.01	3	3	2	0	0		0	10.03	N/A	N/A	N/A
032000115		0.26	0.07	2	2	3	0	2		2	90.13	N/A	N/A	N/A
032000116		0.42	0.08	12	12	11	0	0		0	91.80	N/A	N/A	N/A
032000117		0.15	0.02	18	11	18	0	0		0	75.90	N/A	N/A	N/A
032000118		0.02	0.00	0	0	0	0	0		0	0.23	N/A	N/A	N/A
032000119		0.04	0.01	6	4	2	0	0		0	21.03	N/A	N/A	N/A
032000120		0.01	0.00	0	0	0	0	0		0	0.84	N/A	N/A	N/A
032000121		0.11	0.04	0	0	0	0	0		0	0.00	N/A	N/A	N/A
032000122		0.29	0.07	9	8	3	1	0		0	100.03	N/A	N/A	N/A
032000123		0.12	0.01	2	2	6	0	0		0	41.81	N/A	N/A	N/A
032000124		0.04	0.01	0	0	0	0	0		0	5.52	N/A	N/A	N/A
032000125		0.09	0.02	4	4	7	0	0		0	32.04	N/A	N/A	N/A
032000126		0.14	0.01	3	1	1	0	0		0	66.18	N/A	N/A	N/A
032000127		0.29	0.04	11	9	25	0	0		1	71.42	N/A	N/A	N/A
032000128		0.20	0.02	0	0	0	0	0		0	105.47	N/A	N/A	N/A
032000129		0.15	0.03	6	5	4	1	0		1	58.24	N/A	N/A	N/A
032000130		0.20	0.04	35	35	184	0	2		1	30.07	N/A	N/A	N/A
032000131		0.26	0.01	87	87	52	0	0		0	17.10	N/A	N/A	N/A
032000132		0.45	0.10	35	31	46	0	0		1	169.55	N/A	N/A	N/A
032000133		0.07	0.01	3	1	2	277	145		0	30.06	N/A	N/A	N/A
032000134		111.18	10.96	11,792	10,753	89,527	64	299		444	7,391.49	N/A	N/A	N/A

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	Habitable structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated active farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)	Cost/ Structure removed	Consideration of Nature based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
032000113	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000114	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000115	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000116	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000117	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000119	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000120	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000121	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000122	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000123	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000124	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000125	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000127	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000128	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000129	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000130	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000131	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000132	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000133	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000134	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	FMS Name	Description	Strategy Type	Sponsor	Nonrecurring, Noncapital Cost (\$)	Estimated Total Strategy Cost (\$)
032000135	City of Fort Worth HROM Program	Implement a Hazardous Roadway Overtopping Mitigation (HROM) Program to prioritize hazardous roadway overtopping and identify acceptable, affordable, and effective solutions for construction to maximize impact of available funding and reduce risks.	Infrastructure Projects	Fort Worth	\$3,500,000	\$35,000,000
032000136	City of Lindsay Flood Monitoring System	Install flood monitoring equipment throughout the City of Lindsay.	Flood Measurement and Warning	Lindsay	\$25,000	\$250,000
032000137	Mobile City NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	Mobile City	\$100,000	\$100,000
032000138	City of Fort Worth Open Space Conservation	Acquire open space to preserve floodplains and upland watershed areas.	Property Acquisition and Structural Elevation	Fort Worth	\$3,000,000	\$30,000,000
032000139	City of Burleson Flood Warning and Safety Improvements	Safety improvements at SE Tarrant Ave, N Warren St, SW Johnson Ave, and SE Newton Dr. Safety improvements may include, but are not limited to, high-water warning flashers, staff gauges, flood hazard signs, and additional light fixtures.	Flood Measurement and Warning	Burleson	\$50,000	\$500,000
032000140	City of Grand Prairie CIP Program	Improvement projects throughout the City of Grand Prairie	Infrastructure Projects	Grand Prairie	\$48,600,000	\$243,000,000
032000141	Drainage improvement projects throughout the City of Hurst.	Drainage improvement projects throughout the City of Hurst. One improvement includes a detention pond.	Infrastructure Projects	Hurst	\$3,600,000	\$18,000,000
032000142	Drainage improvement projects throughout the City of Garland.	Drainage improvement projects throughout the City of Garland. Some alternatives include detention ponds.	Infrastructure Projects	Garland	\$21,000,000	\$105,000,000
032000143	Infrastructure improvements throughout the City of Terrell.	Infrastructure improvements throughout the City of Terrell such as storm drain updates, channel improvements, culvert improvements, railroad crossing upsizing, and street improvements. One improvement includes enhancing a channel with natural grass.	Infrastructure Projects	Terrell	\$5,800,000	\$29,000,000

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	Potential Funding Sources and Amount	Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk
032000135		49.22	6.69	5,921	5,086	27,286	0	0		185	7,266.13	N/A	N/A	N/A
032000136		0.36	0.05	36	24	39	0	0		2	135.68	N/A	N/A	N/A
032000137		0.00	0.00	0	0	0	64	299		0	0.00	N/A	N/A	N/A
032000138		49.22	6.69	5,921	5,086	27,286	1	15		185	7,266.13	N/A	N/A	N/A
032000139		1.29	0.17	113	97	462	8	19		4	372.21	N/A	N/A	N/A
032000140		26.69	3.30	442	338	3,471	3	10		40	1,927.26	N/A	N/A	N/A
032000141		0.69	0.20	289	280	1,281	10	39		9	18.09	N/A	N/A	N/A
032000142		6.51	0.83	1,005	944	7,586	5	0		30	627.50	N/A	N/A	N/A
032000143		0.55	0.12	27	20	262	3	0		5	118.99	N/A	N/A	N/A

TWDB-Required Table 14: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	Habitable structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated active farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)	Cost/ Structure removed	Consideration of Nature based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
032000135	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2	198	N/A	N	N	N	N
032000136	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000137	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	N	N	N
032000139	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000140	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	N	N	N
032000141	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	N	N	N
032000142	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	N	N	N
032000143	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	N	N	N

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000001	Archer County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Archer	12060201, 12030101, 11130209, 11130206, 12060101	120402030105, 120302030307, 120402030106, 120402030200, 120302030306, 120302030304	South Fork Trinity River-West Fork Trinity River, Prickly Pear Branch-West Fork Trinity River, Dead Horse Creek-Brushy Creek, Flat Creek-West Fork Trinity River	Watershed Planning
031000002	Anderson County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Anderson	12030201, 12030105, 12020001			Watershed Planning
031000003	Chambers County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Chambers	12030203, 12040203, 12040204, 12040201, 12040202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Cow Island Bayou, Turtle Bayou, Lynchburg Canal-Old River, Lost River-Old River	Watershed Planning
031000004	Clay County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Clay	12030101, 11130209, 11130102, 11130206, 11130201	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Crooked Creek, Flat Creek-West Fork Trinity River, Lodge Creek, Turkey Creek, Jones Creek, Prairie Branch, South Creek-Big Sandy Creek	Watershed Planning
031000005	Collin County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Collin	12030106, 12030103, 12030105, 12010001	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Crooked Creek, Flat Creek-West Fork Trinity River, Lodge Creek, Turkey Creek, Jones Creek, Prairie Branch, South Creek-Big Sandy Creek	Watershed Planning
031000006	Cooke County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Cooke	12030103, 12030104, 11130210, 11130201	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Crooked Creek, Flat Creek-West Fork Trinity River, Lodge Creek, Turkey Creek, Jones Creek, Prairie Branch, South Creek-Big Sandy Creek	Watershed Planning
031000007	Denton County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Denton	12030103, 12030104, 12030105	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Crooked Creek, Flat Creek-West Fork Trinity River, Lodge Creek, Turkey Creek, Jones Creek, Prairie Branch, South Creek-Big Sandy Creek	Watershed Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000001	922.67	Riverine	Archer County	Archer County	N	\$1,254,000	Y	Increases mapping coverage
031000002	1,073.46	Riverine	Anderson County	Anderson County	N	\$1,500,000	Y	Increases mapping coverage
031000003	629.71	Riverine	Chambers County	Chambers County	N	\$874,000	Y	Increases mapping coverage
031000004	1,107.64	Riverine	Clay County	Clay County	N	\$1,470,000	Y	Increases mapping coverage
031000005	883.19	Riverine	Collin County	Collin County	N	\$1,041,000	Y	Increases mapping coverage
031000006	893.01	Riverine	Cooke County	Cooke County	N	\$1,133,000	Y	Increases mapping coverage
031000007	948.44	Riverine	Denton County	Denton County	N	\$1,140,000	Y	Increases mapping coverage

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000008	Ellis County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Ellis	12030109, 12030102, 12030105, 12030108	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Crooked Creek, Flat Creek-West Fork Trinity River, Lodge Creek, Turkey Creek, Jones Creek, Prairie Branch, South Creek-Big Sandy Creek	Watershed Planning
031000009	Fannin County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Fannin	12030106, 11140101, 11140301, 11140102	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning
031000010	Freestone County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Freestone	12030201, 12070103, 12030105, 12030108	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning
031000011	Grayson County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Grayson	12030106, 11140101, 12030103, 11130210	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning
031000012	Grimes County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Grimes	12070103, 12040101, 12070101, 12040102, 12030202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Simes Creek-Bedias Creek, North Bedias Creek-Bedias Creek, Rocky Creek-Bedias Creek, Pine Creek-South Bedias Creek, Sulphur Creek-South Bedias Creek	Watershed Planning
031000013	Henderson County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Henderson	12030201, 12030107, 12030105, 12020001	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Simes Creek-Bedias Creek, North Bedias Creek-Bedias Creek, Rocky Creek-Bedias Creek, Pine Creek-South Bedias Creek, Sulphur Creek-South Bedias Creek	Watershed Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000008	947.79	Riverine	Ellis County	Ellis County	N	\$1,182,000	Y	Increases mapping coverage
031000009	896.79	Riverine	Fannin County	Fannin County	N	\$1,183,000	Y	Increases mapping coverage
031000010	888.14	Riverine	Freestone County	Freestone County	N	\$1,201,000	Y	Increases mapping coverage
031000011	976.48	Riverine	Grayson County	Grayson County	N	\$1,228,000	Y	Increases mapping coverage
031000012	798.66	Riverine	Grimes County	Grimes County	N	\$1,334,000	Y	Increases mapping coverage
031000013	944.75	Riverine	Henderson County	Henderson County	N	\$1,295,000	Y	Increases mapping coverage

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000014	Hill County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Hill	12030109, 12070103, 12030108, 12060202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Simes Creek-Bedias Creek, North Bedias Creek-Bedias Creek, Rocky Creek-Bedias Creek, Pine Creek-South Bedias Creek, Sulphur Creek-South Bedias Creek	Watershed Planning
031000015	Hood County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Hood	12060201, 12030102, 12060202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	South Bear Creek	Watershed Planning
031000016	Houston County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Houston	12020002, 12030201, 12020001, 12030202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	South Bear Creek	Watershed Planning
031000017	Hunt County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Hunt	12030106, 11140301, 12030107, 12010003, 12010001	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Bear Creek-Indian Creek, Arnold Creek, High Point Creek	Watershed Planning
031000018	Jack County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Jack	12060201, 12030101	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Bear Creek-Indian Creek, Arnold Creek, High Point Creek	Watershed Planning
031000019	Johnson County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Johnson	12030109, 12060201, 12030102, 12060202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Bear Creek-Indian Creek, Arnold Creek, High Point Creek	Watershed Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000014	981.71	Riverine	Hill County	Hill County	N	\$1,272,000	Y	Increases mapping coverage
031000015	438.61	Riverine	Hood County	Hood County	N	\$539,000	Y	Increases mapping coverage
031000016	1,231.75	Riverine	Houston County	Houston County	N	\$1,809,000	Y	Increases mapping coverage
031000017	879.19	Riverine	Hunt County	Hunt County	N	\$1,064,000	Y	Increases mapping coverage
031000018	917.33	Riverine	Jack County	Jack County	N	\$1,122,000	Y	Increases mapping coverage
031000019	730.85	Riverine	Johnson County	Johnson County	N	\$977,000	Y	Increases mapping coverage

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000020	Kaufman County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Kaufman	12030106, 12030107, 12030105, 12010001	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Bear Creek-Indian Creek, Arnold Creek, High Point Creek	Watershed Planning
031000021	Leon County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Leon	12030201, 12070103, 12030202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Bear Creek-Indian Creek, Arnold Creek, High Point Creek	Watershed Planning
031000022	Liberty County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Liberty	12040103, 12030203, 12040203, 12040201, 12040202, 12020007, 12030202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Bear Creek-Indian Creek, Arnold Creek, High Point Creek	Watershed Planning
031000023	Limestone County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Limestone	12030201, 12070103, 12070101, 12030108, 12060202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	North Fork Pin Oak Creek, Munger Branch, Elm Creek, Alligator Creek-Pin Oak Creek, Elm Creek-Tehuacana Creek, Cedar Creek	Watershed Planning
031000024	Madison County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Madison	12070103, 12030202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	North Fork Pin Oak Creek, Munger Branch, Elm Creek, Alligator Creek-Pin Oak Creek, Elm Creek-Tehuacana Creek, Cedar Creek	Watershed Planning
031000025	Montague County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Montague	12030103, 12030104, 12030101, 11130209, 11130201	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	North Fork Pin Oak Creek, Munger Branch, Elm Creek, Alligator Creek-Pin Oak Creek, Elm Creek-Tehuacana Creek, Cedar Creek	Watershed Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000020	804.43	Riverine	Kaufman County	Kaufman County	N	\$985,000	Y	Increases mapping coverage
031000021	1,075.85	Riverine	Leon County	Leon County	N	\$1,503,000	Y	Increases mapping coverage
031000022	1,169.45	Riverine	Liberty County	Liberty County	N	\$1,214,000	Y	Increases mapping coverage
031000023	928.88	Riverine	Limestone County	Limestone County	N	\$1,272,000	Y	Increases mapping coverage
031000024	469.95	Riverine	Madison County	Madison County	N	\$724,000	Y	Increases mapping coverage
031000025	933.20	Riverine	Montague County	Montague County	N	\$1,203,000	Y	Increases mapping coverage

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000026	Navarro County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Navarro	12030109, 12030201, 12030107, 12030105, 12030108	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	North Fork Pin Oak Creek, Munger Branch, Elm Creek, Alligator Creek-Pin Oak Creek, Elm Creek-Tehuacana Creek, Cedar Creek	Watershed Planning
031000027	Parker County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Parker	12060201, 12030101, 12030102	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	North Fork Pin Oak Creek, Munger Branch, Elm Creek, Alligator Creek-Pin Oak Creek, Elm Creek-Tehuacana Creek, Cedar Creek	Watershed Planning
031000028	Polk County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Polk	12020002, 12020006, 12020007, 12030202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	North Fork Pin Oak Creek, Munger Branch, Elm Creek, Alligator Creek-Pin Oak Creek, Elm Creek-Tehuacana Creek, Cedar Creek	Watershed Planning
031000029	Rockwall County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Rockwall	12030106, 12030107, 12010001	120301060409, 120301060402, 120301060502, 120301060401, 120100010301, 120301070101, 120301060403, 120301070102, 120100010302	Cottonwood Creek-East Fork Trinity River, Muddy Creek-Lake Ray Hubbard, Camp Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Long Branch-Buffalo Creek, Upper Big Brushy Creek, High Point Creek	Watershed Planning
031000030	San Jacinto County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	San Jacinto	12040103, 12030203, 12030202	120301060409, 120301060402, 120301060502, 120301060401, 120100010301, 120301070101, 120301060403, 120301070102, 120100010302	West Carolina Creek-Lake Livingston, Palmetto Creek, Pools Creek-Lake Livingston, McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Huffman Creek-Trinity River, Little Creek-Big Creek, Big Creek-Trinity River, Nevill Bayou	Watershed Planning
031000031	Trinity County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Trinity	12020002, 12030202	120301060409, 120301060402, 120301060502, 120301060401, 120100010301, 120301070101, 120301060403, 120301070102, 120100010302	West Carolina Creek-Lake Livingston, Palmetto Creek, Pools Creek-Lake Livingston, McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Huffman Creek-Trinity River, Little Creek-Big Creek, Big Creek-Trinity River, Nevill Bayou	Watershed Planning
031000032	Van Zandt County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Van Zandt	12030107, 12020001, 12010001	120301060409, 120301060402, 120301060502, 120301060401, 120100010301, 120301070101, 120301060403, 120301070102, 120100010302	West Carolina Creek-Lake Livingston, Palmetto Creek, Pools Creek-Lake Livingston, McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Huffman Creek-Trinity River, Little Creek-Big Creek, Big Creek-Trinity River, Nevill Bayou	Watershed Planning
031000033	Walker County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Walker	12040103, 12040101, 12030202	120301060409, 120301060402, 120301060502, 120301060401, 120100010301, 120301070101, 120301060403, 120301070102, 120100010302	West Carolina Creek-Lake Livingston, Palmetto Creek, Pools Creek-Lake Livingston, McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Huffman Creek-Trinity River, Little Creek-Big Creek, Big Creek-Trinity River, Nevill Bayou	Watershed Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000026	1,081.28	Riverine	Navarro County	Navarro County	N	\$1,482,000	Y	Increases mapping coverage
031000027	902.80	Riverine	Parker County	Parker County	N	\$1,144,000	Y	Increases mapping coverage
031000028	1,105.57	Riverine	Polk County	Polk County	N	\$1,560,000	Y	Increases mapping coverage
031000029	148.04	Riverine	Rockwall County	Rockwall County	N	\$252,000	Y	Increases mapping coverage
031000030	625.52	Riverine	San Jacinto County	San Jacinto County	N	\$907,000	Y	Increases mapping coverage
031000031	709.83	Riverine	Trinity County	Trinity County	N	\$989,000	Y	Increases mapping coverage
031000032	856.15	Riverine	Van Zandt County	Van Zandt County	N	\$1,272,000	Y	Increases mapping coverage
031000033	797.63	Riverine	Walker County	Walker County	N	\$1,276,000	Y	Increases mapping coverage

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
03100034	Wise County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000005, 03000006	Wise	12030103, 12030104, 12030101, 12030102	120301060409, 120301060402, 120301060502, 120301060401, 120100010301, 120301070101, 120301060403, 120301070102, 120100010302	West Carolina Creek-Lake Livingston, Palmetto Creek, Pools Creek-Lake Livingston, McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Huffman Creek-Trinity River, Little Creek-Big Creek, Big Creek-Trinity River, Nevill Bayou	Watershed Planning
03100035	Young County FEMA Mapping	Create FEMA mapping in previously unmapped areas and update existing FEMA mapping as needed.	03000005, 03000006	Young	12060201, 12030101, 11130209, 12060101, 12060104	120301060409, 120301060402, 120301060502, 120301060401, 120100010301, 120301070101, 120301060403, 120301070102, 120100010302	South Fork Trinity River-West Fork Trinity River, Prickly Pear Branch-West Fork Trinity River, Dead Horse Creek-Brushy Creek, Plum Creek, Upper Cameron Creek	Watershed Planning
03100036	East Fork Trinity HUC-8 - East Fork Trinity and Tributaries Flood Risk Identification	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000001, 03000002, 03000005, 03000006, 03000025, 03000026	Grayson , Fannin , Hunt , Collin , Rockwall , Dallas , Kaufman	12030106, 11140101, 12030103, 11140301, 12030107, 12030105, 12010001	120301020401	Quil Miller Creek-Village Creek	Watershed Planning
03100037	Denton HUC-8 - Hog Branch Flood Risk Identification	Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.	03000001, 03000002, 03000005, 03000006, 03000025, 03000026	Denton	12030103, 12030104, 12030101, 12030102, 11130201	120301020401	Quil Miller Creek-Village Creek	Watershed Planning
03100038	Collin County Dam Inundation Study	Inundation studies of all high and moderate hazard dams	03000009, 03000010, 03000029, 03000030	Collin	12030106, 12030103, 12030105, 12010001	120301060409, 120301060402, 120301060502, 120301060401, 120100010301, 120301070101, 120301060403, 120301070102, 120100010302	South Fork Trinity River-West Fork Trinity River, Prickly Pear Branch-West Fork Trinity River, Dead Horse Creek-Brushy Creek, Plum Creek, Upper Cameron Creek	Watershed Planning
03100039	Chambers County Dam/Levee Failure Inundation Map Updates	Update dam and levee failure inundation maps.	03000009, 03000010, 03000029, 03000030	Chambers	12030203, 12040203, 12040204, 12040201, 12040202	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Cow Island Bayou, Turtle Bayou, Lynchburg Canal-Old River, Lost River-Old River	Watershed Planning
03100040	Dallas County Dam Inundation Study	Conduct studies to develop dam inundation maps and models	03000009, 03000010, 03000029, 03000030	Dallas	12030106, 12030103, 12030109, 12030104, 12030102, 12030105	120302030202, 120402030105, 120302030203, 120402040100, 120402020300, 120302030307, 120402010100, 120402020400, 120402040200, 120402020200, 120302030204, 120402030106, 120402030200, 120402020100, 120302030306, 120302030304, 120402030104	Cow Island Bayou, Turtle Bayou, Lynchburg Canal-Old River, Lost River-Old River	Watershed Planning
03100041	Lake Ray Hubbard and Duck Creek Tributary Inundation Study	Conduct studies to develop inundation maps for Lake Ray Hubbard and Duck Creek Tributary and how it affects the Town of Sunnyvale.	03000005, 03000006, 03000007, 03000008	Dallas	12030106, 12030105	120301060409, 120301050106, 120301060504, 120301060407, 120301050105, 120301060408, 120301050104, 120301060501, 120301060503	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, City of Dallas-White Rock Creek, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River, South Mesquite Creek	Preparedness

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000034	919.53	Riverine	Wise County	Wise County	N	\$1,317,000	Y	Increases mapping coverage
031000035	927.47	Riverine	Young County	Young County	N	\$1,407,000	Y	Increases mapping coverage
031000036	1,298.72	Riverine	North Central Texas Council of Govt	North Central Texas Council of Govt	N	\$4,582,000	Y	Increases mapping coverage
031000037	717.03	Riverine	North Central Texas Council of Govt	North Central Texas Council of Govt	N	\$1,115,000	Y	Increases mapping coverage
031000038	883.19	Riverine	Collin County	Collin County	N	\$855,000	Y	Action aligns with goals and meets TWDB guidance
031000039	629.71	Riverine	Chambers County, Anahuac, Beach City, Mount Belvieu, Cove, Chambers-Liberty Counties Navigation District, and Old-River-Winfree	Chambers County, Anahuac, Beach City, Mount Belvieu, Cove, Chambers-Liberty Counties Navigation District, and Old-River-Winfree	N	\$462,000	Y	Action aligns with goals and meets TWDB guidance
031000040	904.92	Riverine	Dallas County	Dallas County	N	\$587,000	Y	Action aligns with goals and meets TWDB guidance
031000041	42.32	Riverine	Sunnyvale	Sunnyvale	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000042	Denton County Dam Inundation Study	Inundation studies of all high and moderate hazard dams	03000009, 03000010, 03000029, 03000030	Denton	12030103, 12030104, 12030105	120301060409, 120301050106, 120301060504, 120301060407, 120301050105, 120301060408, 120301050104, 120301060501, 120301060503	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, City of Dallas-White Rock Creek, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River, South Mesquite Creek	Watershed Planning
031000043	Ellis County Dam Inundation Study	Inundation studies of all high and moderate hazard dams	03000009, 03000010, 03000029, 03000030	Ellis	12030109, 12030102, 12030105, 12030108	120301060409, 120301050106, 120301060504, 120301060407, 120301050105, 120301060408, 120301050104, 120301060501, 120301060503	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, City of Dallas-White Rock Creek, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River, South Mesquite Creek	Watershed Planning
031000044	Madison County Dam Inundation Study	Create dam failure inundation maps	03000009, 03000010, 03000029, 03000030	Madison	12070103, 12030202	120301060409, 120301050106, 120301060504, 120301060407, 120301050105, 120301060408, 120301050104, 120301060501, 120301060503	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, City of Dallas-White Rock Creek, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River, South Mesquite Creek	Watershed Planning
031000045	Navarro County Dam Inundation Study	Conduct inundation studies of all high and moderate hazard dams.	03000009, 03000010, 03000029, 03000030	Navarro	12030109, 12030201, 12030107, 12030105, 12030108	120301060409, 120301050106, 120301060504, 120301060407, 120301050105, 120301060408, 120301050104, 120301060501, 120301060503	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, City of Dallas-White Rock Creek, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River, South Mesquite Creek	Watershed Planning
031000046	Parker County Dam Inundation Study	Conduct a dam inundation study	03000009, 03000010, 03000029, 03000030	Parker	12060201, 12030101, 12030102	120301060409, 120301050106, 120301060504, 120301060407, 120301050105, 120301060408, 120301050104, 120301060501, 120301060503	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, City of Dallas-White Rock Creek, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River, South Mesquite Creek	Watershed Planning
031000047	Tarrant County Dam Inundation Study	Identify and evaluate high hazard dams.	03000009, 03000010, 03000029, 03000030	Tarrant	12030103, 12030104, 12030101, 12030102	120301060409, 120301050106, 120301060504, 120301060407, 120301050105, 120301060408, 120301050104, 120301060501, 120301060503	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, City of Dallas-White Rock Creek, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River, South Mesquite Creek	Watershed Planning
031000048	Irving Levee District Flood Risk Assessment	Conduct review of the area in the four levee districts that would be inundated by a levee failure. Analyze all available routes out of the Levee Districts and any new streets that would not be flooded.	03000009, 03000010, 03000031, 03000032	Dallas	12030103, 12030102, 12030105	120301031006, 120301020706, 120301031005, 120301031004, 120301031007, 120301020701, 120301020705, 120301050101	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, City of Dallas-White Rock Creek, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River, South Mesquite Creek	Watershed Planning
031000049	West Fork of the Trinity River Levee Failure Hydrologic Study	Hydrologic study to determine threat, risk, and potential impacts of flooding from levee failure along the West Fork of the Trinity River.	03000009, 03000010, 03000031, 03000032	Tarrant	12030104, 12060201, 12030101, 11130209, 12030102, 11130201	120301031006, 120301020706, 120301031005, 120301031004, 120301031007, 120301020701, 120301020705, 120301050101	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, City of Dallas-White Rock Creek, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River, South Mesquite Creek	Watershed Planning
031000050	City of Lavon DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Collin	12030106	120301060401, 120301060307	Price Creek-Lavon Lake, Camp Creek-Lake Ray Hubbard	Watershed Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000042	948.44	Riverine	Denton County	Denton County	N	\$613,000	Y	Action aligns with goals and meets TWDB guidance
031000043	947.79	Riverine	Ellis County, Alma, Bardwell, Ennis, Ferris, Garrett, Italy, Maypearl, Midlothian, Milford, Oak Leaf, Ovilla, Palmer, Red Oak, Waxahachie	Ellis County, Alma, Bardwell, Ennis, Ferris, Garrett, Italy, Maypearl, Midlothian, Milford, Oak Leaf, Ovilla, Palmer, Red Oak, Waxahachie	N	\$758,000	Y	Action aligns with goals and meets TWDB guidance
031000044	469.95	Riverine	Madison County	Madison County	N	\$478,000	Y	Action aligns with goals and meets TWDB guidance
031000045	1,081.28	Riverine	Navarro County, Corsicana, Kerens	Navarro County, Corsicana, Kerens	N	\$744,000	Y	Action aligns with goals and meets TWDB guidance
031000046	902.80	Riverine	Parker County, Willow Park	Parker County, Willow Park	N	\$569,000	Y	Action aligns with goals and meets TWDB guidance
031000047	900.37	Riverine	Fort Worth, Tarrant County	Fort Worth, Tarrant County	N	\$604,000	Y	Action aligns with goals and meets TWDB guidance
031000048	67.80	Riverine	Irving	Irving	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000049	2,103.70	Riverine	River Oaks	River Oaks	N	\$2,000,000	Y	Action aligns with goals and meets TWDB guidance
031000050	3.03	Riverine	Lavon	Lavon	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000051	University Park DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Dallas	12030103, 12030105	120301031007, 120301050105, 120301050101	Bachman Branch-Elm Fork Trinity River, Turtle Creek, White Rock Creek-White Rock Lake	Watershed Planning
031000052	City of Rowlett DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Dallas	12030106	120301060409, 120301060402, 120301060408, 120301060403	Cottonwood Creek-East Fork Trinity River, Muddy Creek-Lake Ray Hubbard, Rowlett Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard	Watershed Planning
031000054	City of Cockrell Hill DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Dallas	12030105	120301050102	Coombs Creek-Trinity River	Watershed Planning
031000055	City of Aubrey DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Denton	12030103	120301030705, 120301030406, 120301030703, 120301030704, 120301030903	Culp Branch-Elm Fork Trinity River, Little Elm Creek, Pecan Creek, Running Branch-Little Elm Creek, Doe Branch-Lewisville Lake	Watershed Planning
031000056	City of Argyle DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Denton	12030103, 12030104	120301040304, 120301030804	Middle Hickory Creek, Denton Creek-Grapevine Lake	Watershed Planning
031000057	City of Maypearl DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Ellis	12030109	120301090201, 120301090104, 120301090108, 120301090105	Lower South Fork Chambers Creek, Greathouse Branch-Chambers Creek, Middle North Fork Chambers Creek, Lower North Fork Chambers Creek	Watershed Planning
031000058	City of Dayton DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Liberty	12030203, 12040203	120302030301, 120302030302, 120402030103, 120302030108, 120402030101, 120302030304, 120402030104	Gillen Bayou, Linney Creek-Trinity River, West Prong Old River, Lynchburg Canal-Old River	Watershed Planning
031000059	City of Denton DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Denton	12030103, 12030104	120301030803, 120301030604, 120301030801, 120301030406, 120301030605, 120301040304, 120301030802, 120301030901, 120301030602, 120301030902, 120301040205, 120301030804, 120301030805	Gillen Bayou, Linney Creek-Trinity River, West Prong Old River, Lynchburg Canal-Old River	Watershed Planning
031000060	City of Madisonville DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Madison	12030202	120302020506, 120302020408	Ferry Branch-Caney Creek, Pooles Creek-Bedias Creek	Watershed Planning
031000061	City of Rockwall DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Rockwall	12030106, 12030107, 12010001	120301060409, 120301060402, 120301060502, 120301060401, 120100010301, 120301070101	Cottonwood Creek-East Fork Trinity River, Camp Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Long Branch-Buffalo Creek, Upper Big Brushy Creek	Watershed Planning
031000062	City of Everman DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Tarrant	12030102	120301020403	Village Creek-Lake Arlington	Watershed Planning
031000063	City of Colleyville DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Tarrant	12030102	120301020704, 120301020505, 120301020703	Big Bear Creek, Little Bear Creek, Headwaters Walker Branch	Watershed Planning
031000064	Haltom City DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Tarrant	12030102	120301020504, 120301020503	Whites Branch-Big Fossil Creek, Sycamore Creek-West Fork Trinity River	Watershed Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000051	3.69	Riverine	University Park	University Park	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000052	20.51	Riverine	Rowlett	Rowlett	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000054	0.58	Riverine	Cockrell Hill	Cockrell Hill	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000055	2.93	Riverine	Aubrey	Aubrey	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000056	11.52	Riverine	Argyle	Argyle	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000057	0.83	Riverine	Maypearl	Maypearl	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000058	20.95	Riverine	Dayton	Dayton	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000059	96.98	Riverine	Denton	Denton	N	\$1,000,000	Y	Action aligns with goals and meets TWDB guidance
031000060	4.88	Riverine	Madisonville	Madisonville	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000061	29.88	Riverine	Rockwall	Rockwall	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000062	1.75	Riverine	Everman	Everman	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000063	13.18	Riverine	Colleyville	Colleyville	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000064	12.37	Riverine	Haltom City	Haltom City	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
03100065	City of Southlake DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Tarrant	12030104, 12030102	120301040306, 120301040305, 120301020703	Big Bear Creek, Marshall Branch-Grapevine Lake, Dove Creek-Grapevine Lake	Watershed Planning
03100066	City of North Richland Hills DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Tarrant	12030102	120301020504, 120301020704, 120301020505, 120301020703, 120301020503	Big Bear Creek, Little Bear Creek, Whites Branch-Big Fossil Creek, Sycamore Creek-West Fork Trinity River, Headwaters Walker Branch	Watershed Planning
03100068	City of Trinidad DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Henderson	12030107, 12030105	120301050504, 120301070310, 120301070311	Trinidad Lake-Trinity River, Caney Creek-Cedar Creek, McAllister Slough-Cedar Creek	Watershed Planning
03100069	Cedar Hill-DeSoto-Duncanville DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Dallas	12030109, 12030102, 12030105	120301020603, 120301050107, 120301050301, 120301020606, 120301050201, 120301020607, 120301090301, 120301050305	Low Branch-Mountain Creek, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Headwaters Fivemile Creek, Headwaters Tenmile Creek, Headwaters Red Oak Creek, Middle Red Oak Creek, Headwaters Waxahachie Creek	Watershed Planning
03100070	City of Athens DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Henderson	12030201, 12030107, 12020001	120302010202, 120301070308, 120200010303, 120302010201, 120301070312	Headwaters Caney Creek, Walnut Creek-Cedar Creek, Shelton Mill Branch, Upper Coon Creek	Watershed Planning
03100071	Sansom Park DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Tarrant	12030102	120301020105, 120301020501, 120301020104, 120301020101	West Fork Trinity River-Lake Worth, Live Oak Creek-West Fork Trinity River, Farmers Branch-West Fork Trinity River, Marine Creek-West Fork Trinity River	Watershed Planning
03100072	City of Decatur DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Wise	12030104, 12030101	120301010604, 120301010601, 120301040203, 120301010511, 120301040206	Walnut Creek-West Fork Trinity River, Waggoner Branch-Big Sandy Creek, Martin Branch-West Fork Trinity Branch, Catlett Creek-Sweetwater Creek, Oliver Creek	Watershed Planning
03100073	City of Waxahachie DMP (Phase 2 Continuation)	Evaluate City and identify future projects. Continue efforts of current DMP Phase 2 efforts.	03000007, 03000008, 03000009, 03000010	Ellis	12030109, 12030105	120301090302, 120301090307, 120301050302, 120301090305, 120301090303, 120301090301, 120301090304, 120301050303, 120301090105	Upper Red Oak Creek, Upper Grove Creek, Headwaters Waxahachie Creek, Upper Waxahachie Creek, South Prong Creek-Lake Waxahachie, Lower North Fork Chambers Creek, Middle Waxahachie Creek, Mustang Creek, Upper Big Onion Creek	Watershed Planning
03100074	City of Crockett DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Houston	12030201, 12030202	120302010705, 120302020702	Upper Hurricane Bayou, Spring Creek-Gail Creek	Watershed Planning
03100075	Town of Dish DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Denton	12030104	120301040205	Hog Branch-Denton Creek	Watershed Planning
03100076	City of Corinth DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Denton	12030103	120301030902, 120301030805	Lower Hickory Creek, Pecan Creek-Lewisville Lake	Watershed Planning
03100077	City of Keller DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Tarrant	12030104, 12030102	120301020704, 120301040305, 120301020703, 120301020503	Big Bear Creek, Little Bear Creek, Whites Branch-Big Fossil Creek, Marshall Branch-Grapevine Lake	Watershed Planning
03100078	Anderson County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Anderson	12030201, 12030105, 12020001	120301020704, 120301040305, 120301020703, 120301020503	Big Bear Creek, Little Bear Creek, Whites Branch-Big Fossil Creek, Marshall Branch-Grapevine Lake	Watershed Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000065	22.33	Riverine	Southlake	Southlake	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000066	18.20	Riverine	North Richland Hills	North Richland Hills	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000068	14.80	Riverine	Trinidad	Trinidad	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000069	68.36	Riverine	Cedar Hil, DeSoto, Duncanville	Cedar Hil, DeSoto, Duncanville	N	\$1,000,000	Y	Action aligns with goals and meets TWDB guidance
031000070	13.48	Riverine	Athens	Athens	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000071	1.20	Riverine	Sansom Park	Sansom Park	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000072	8.77	Riverine	Decatur	Decatur	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000073	49.15	Riverine	Waxahachie	Waxahachie	N	\$752,000	Y	Action aligns with goals and meets TWDB guidance
031000074	9.24	Riverine	Crockett	Crockett	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000075	1.51	Riverine	Dish	Dish	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000076	7.80	Riverine	Corinth	Corinth	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000077	18.41	Riverine	Keller	Keller	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000078	1,073.46	Riverine	Anderson County	Anderson County	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000079	Cooke County DMP	Evaluate County to identify future projects.	03000007, 03000008, 03000009, 03000010	Cooke	12030103, 12030104, 11130210, 11130201	120301020704, 120301040305, 120301020703, 120301020503	Big Bear Creek, Little Bear Creek, Whites Branch-Big Fossil Creek, Marshall Branch-Grapevine Lake	Watershed Planning
031000080	Fannin County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Fannin	12030106, 11140101, 11140301, 11140102	120301020704, 120301040305, 120301020703, 120301020503	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning
031000081	Freestone County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Freestone	12030201, 12070103, 12030105, 12030108	120301020704, 120301040305, 120301020703, 120301020503	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning
031000082	Houston County DMP	Evaluate County and Identify future projects.	03000007, 03000008, 03000009, 03000010	Houston	12020002, 12030201, 12020001, 12030202	120301020704, 120301040305, 120301020703, 120301020503	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning
031000083	Jack County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Jack	12060201, 12030101	120301020704, 120301040305, 120301020703, 120301020503	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning
031000084	Johnson County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Johnson	12030109, 12060201, 12030102, 12060202	120301020704, 120301040305, 120301020703, 120301020503	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning
031000085	Leon County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Leon	12030201, 12070103, 12030202	120301020704, 120301040305, 120301020703, 120301020503	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning
031000086	Liberty County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Liberty	12040103, 12030203, 12040203, 12040201, 12040202, 12020007, 12030202	120301020704, 120301040305, 120301020703, 120301020503	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning
031000087	Montague County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Montague	12030103, 12030104, 12030101, 11130209, 11130201	120301020704, 120301040305, 120301020703, 120301020503	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning
031000088	Parker County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Parker	12060201, 12030101, 12030102	120301020704, 120301040305, 120301020703, 120301020503	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning
031000089	Polk County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Polk	12020002, 12020006, 12020007, 12030202	120301020704, 120301040305, 120301020703, 120301020503	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Watershed Planning
031000090	San Jacinto DMP	Evaluate County and Identify future projects.	03000007, 03000008, 03000009, 03000010	San Jacinto	12040103, 12030203, 12030202	120301020704, 120301040305, 120301020703, 120301020503	West Carolina Creek-Lake Livingston, Palmetto Creek, Pools Creek-Lake Livingston, McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Huffman Creek-Trinity River, Little Creek-Big Creek, Big Creek-Trinity River, Nevill Bayou	Watershed Planning
031000091	Trinity County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Trinity	12020002, 12030202	120301020704, 120301040305, 120301020703, 120301020503	West Carolina Creek-Lake Livingston, Palmetto Creek, Pools Creek-Lake Livingston, McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Huffman Creek-Trinity River, Little Creek-Big Creek, Big Creek-Trinity River, Nevill Bayou	Watershed Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000079	893.01	Riverine	Cooke County	Cooke County	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000080	896.79	Riverine	Fannin County	Fannin County	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000081	888.14	Riverine	Freestone County, Fairfield, Streetman, Teague, Wortham	Freestone County, Fairfield, Streetman, Teague, Wortham	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000082	1,231.75	Riverine	Houston County	Houston County	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000083	917.33	Riverine	Jack County	Jack County	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000084	730.85	Riverine	Johnson County	Johnson County	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000085	1,075.85	Riverine	Leon County	Leon County	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000086	1,169.45	Riverine	Liberty County	Liberty County	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000087	933.20	Riverine	Montague County	Montague County	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000088	902.80	Riverine	Parker County, Willow Park	Parker County, Willow Park	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000089	1,105.57	Riverine	Polk County, Livingston, Goodrich, Onalaska, Seven Oaks, Corrigan	Polk County, Livingston, Goodrich, Onalaska, Seven Oaks, Corrigan	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000090	625.52	Riverine	San Jacinto County, Coldspring, Point Blank, Shepherd	San Jacinto County, Coldspring, Point Blank, Shepherd	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000091	709.83	Riverine	Trinity County	Trinity County	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
03100092	Van Zandt County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Van Zandt	12030107, 12020001, 12010001	120301020704, 120301040305, 120301020703, 120301020503	West Carolina Creek-Lake Livingston, Palmetto Creek, Pools Creek-Lake Livingston, McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Huffman Creek-Trinity River, Little Creek-Big Creek, Big Creek-Trinity River, Nevill Bayou	Watershed Planning
03100093	Wise County DMP	Evaluate County and identify future projects.	03000007, 03000008, 03000009, 03000010	Wise	12030103, 12030104, 12030101, 12030102	120301020704, 120301040305, 120301020703, 120301020503	West Carolina Creek-Lake Livingston, Palmetto Creek, Pools Creek-Lake Livingston, McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Huffman Creek-Trinity River, Little Creek-Big Creek, Big Creek-Trinity River, Nevill Bayou	Watershed Planning
03100095	Merritt Road, Sachse Road, and Willow Lake Improvements	Hydrologic and Hydraulic Study of Stream 2E3, 2E4 and Willow Lake to determine causes of flooding along Merritt Rd and identify necessary drainage improvements.	03000005, 03000006, 03000007, 03000008	Collin , Dallas	12030106	120301060208, 120301060402, 120301060406, 120301060408, 120301060403, 120301060405	Cottonwood Creek-East Fork Trinity River, Muddy Creek-Lake Ray Hubbard, East Fork Trinity River-Lavon Lake, Town of Allen-Cottonwood Creek, Brown Branch-Rowlett Creek, Rowlett Creek-Lake Ray Hubbard	Watershed Planning
03100097	Copper Canyon Poindexter Branch Flood Mitigation Plan	Copper Canyon Poindexter Branch Flood Mitigation Plan	03000005, 03000006, 03000007, 03000008	Denton	12030103	120301031002, 120301030804, 120301030805	Middle Hickory Creek, Lower Hickory Creek, Timber Creek	Preparedness
03100098	Holiday Park North Drainage Study Update	Area 2	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060406, 120301060407, 120301060408, 120301060501	Pittman Creek-Spring Creek, Brown Branch-Rowlett Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning
03100099	Buhler, Cresthaven, Madewell & Maryland Drainage Study Update	Area 4	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000100	Bellaire Heights Drainage Study Update	Area 5	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000101	Country Club Add., Club Hill Est., & Eastern Hills Est. Drainage Study Update	Area 6	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060409, 120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000102	Shorehaven-Garvon-Rosewood Terrace-Garland Heights-Freeman Heights-Range-Cooper-Barger Drainage Study Update	Area 7	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000103	Brentwood Place-Two Worlds-Apollo East Park Village Drainage Study Update	Area 8	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060406, 120301060407, 120301060408, 120301060501	Pittman Creek-Spring Creek, Brown Branch-Rowlett Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000104	Ridgewood Park-Regal Estates-Meadowcreek Square Drainage Study Update	Area 9	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000105	Eastern Meadows-Southlake Estates-Greenbrook-Green Acres-Rosehill Acreage Drainage Study Update	Area 10	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060409, 120301060408, 120301060501, 120301060503	Rowlett Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River	Project Planning
031000106	La Prada 7 & 8 Drainage Study Update	Area 11	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000092	856.15	Riverine	Van Zandt County	Van Zandt County	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000093	919.53	Riverine	Wise County	Wise County	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000095	41.97	Riverine	Sachse	Sachse	N	\$144,000	Y	Action aligns with goals and meets TWDB guidance
031000097	6.52	Riverine	Copper Canyon	Copper Canyon	N	\$150,000	Y	Action aligns with goals and meets TWDB guidance
031000098	13.81	Riverine	Garland	Garland	N	\$90,000	Y	Action aligns with goals and meets TWDB guidance
031000099	4.68	Riverine	Garland	Garland	N	\$132,000	Y	Action aligns with goals and meets TWDB guidance
031000100	4.68	Riverine	Garland	Garland	N	\$50,000	Y	Action aligns with goals and meets TWDB guidance
031000101	5.98	Riverine	Garland	Garland	N	\$127,000	Y	City split their projects within watersheds. No need for a DMP.
031000102	4.68	Riverine	Garland	Garland	N	\$150,000	Y	Action aligns with goals and meets TWDB guidance
031000103	13.81	Riverine	Garland	Garland	N	\$50,000	Y	Action aligns with goals and meets TWDB guidance
031000104	6.47	Riverine	Garland	Garland	N	\$134,000	Y	Action aligns with goals and meets TWDB guidance
031000105	12.73	Riverine	Garland	Garland	N	\$81,000	Y	Action aligns with goals and meets TWDB guidance
031000106	6.47	Riverine	Garland	Garland	N	\$50,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000107	Gatewood Drainage Study Update	Area 12	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000108	Curtis Drive Drainage Study Update	Area 13	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000109	Center Creek Plaza 8 Southgate Estates Drainage Study Update	Area 14	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000110	Bluffview Drainage Study Update	Area 15	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060409, 120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000111	Camelot Drainage Study Update	Area 16	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060406, 120301060407, 120301060408, 120301060501	Pittman Creek-Spring Creek, Brown Branch-Rowlett Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000112	Downtown Drainage Study Update	Area 17	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000113	Main & Wilson Streets Drainage Study Update	Area 18	03000005, 03000006, 03000009, 03000010	Dallas	12030106, 12030105	120301060407, 120301050105, 120301060408, 120301060501	White Rock Creek-White Rock Lake, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000114	Royal Crest-Meadowview Drainage Study Update	Area 19	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060409, 120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000115	Garvon West, Innovation & Kingsley Ind. Park Drainage Study Update	Area 20	03000005, 03000006, 03000009, 03000010	Dallas	12030106, 12030105	120301050105, 120301060501	White Rock Creek-White Rock Lake, Duck Creek	Project Planning
031000116	Northlake & Castlewood Drainage Study Update	Area 21	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060407, 120301060408	Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard	Project Planning
031000117	Legend Drive Drainage Study Update	Area 22	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000118	Brazos Drive Drainage Study Update	Area 23	03000005, 03000006, 03000009, 03000010	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000119	Sweetbriar-Glenrose Alley Drainage Study Update	Area 26	03000005, 03000006, 03000009, 03000010	Dallas	12030106, 12030105	120301060407, 120301050105, 120301060408, 120301060501	White Rock Creek-White Rock Lake, Pittman Creek-Spring Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000120	Mc Adams Ditch Feasibility Study	Evaluate alternatives for improvements to Mc Adams Ditch (crosses FM 3180 South).	03000029, 03000030	Chambers	12030203, 12040203	120302030307, 120402030106, 120402030200		Project Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000107	6.47	Riverine	Garland	Garland	N	\$50,000	Y	Action aligns with goals and meets TWDB guidance
031000108	4.68	Riverine	Garland	Garland	N	\$50,000	Y	Action aligns with goals and meets TWDB guidance
031000109	6.47	Riverine	Garland	Garland	N	\$50,000	Y	Action aligns with goals and meets TWDB guidance
031000110	5.98	Riverine	Garland	Garland	N	\$150,000	Y	Action aligns with goals and meets TWDB guidance
031000111	13.81	Riverine	Garland	Garland	N	\$50,000	Y	Action aligns with goals and meets TWDB guidance
031000112	4.68	Riverine	Garland	Garland	N	\$150,000	Y	City split their projects within watersheds. No need for a DMP.
031000113	13.48	Riverine	Garland	Garland	N	\$50,000	Y	Action aligns with goals and meets TWDB guidance
031000114	5.98	Riverine	Garland	Garland	N	\$50,000	Y	Action aligns with goals and meets TWDB guidance
031000115	4.73	Riverine	Garland	Garland	N	\$150,000	Y	Action aligns with goals and meets TWDB guidance
031000116	4.46	Riverine	Garland	Garland	N	\$56,000	Y	Action aligns with goals and meets TWDB guidance
031000117	4.68	Riverine	Garland	Garland	N	\$50,000	Y	Action aligns with goals and meets TWDB guidance
031000118	6.47	Riverine	Garland	Garland	N	\$50,000	Y	Action aligns with goals and meets TWDB guidance
031000119	8.80	Riverine	Garland	Garland	N	\$50,000	Y	Action aligns with goals and meets TWDB guidance
031000120	3.38	Riverine	Chambers County	Chambers County	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000122	Hackberry Gully and Cotton Bayou Shelving Study	Evaluate shelving the entire length of Hackberry Gully and Cotton Bayou from South of I-10 to Cotton Lake; thereby increasing their flow capacity.	03000027, 03000028, 03000029, 03000030	Chambers	12030203, 12040203	120402030105, 120302030307, 120402030106, 120402030200, 120302030306, 120302030304	Lynchburg Canal-Old River, Lost River-Old River	Project Planning
031000123	Collin County Retention Structures Rehabilitation Project	Conduct hazard/vulnerability assessment and inundation study on NRCS flood retention structures and rehabilitate structures found to be a high hazard.	03000009, 03000010, 03000013, 03000014, 03000033, 03000034	Collin	12030106, 12030103, 12030105, 12010001	120402030105, 120302030307, 120402030106, 120402030200, 120302030306, 120302030304	Lynchburg Canal-Old River, Lost River-Old River	Project Planning
031000125	Cooke County Low-Water Crossing Barriers Evaluation	Evaluate installation of automatic flood crossing barriers at low water crossing to prevent automobiles from driving through high water.	03000003, 03000004	Cooke	12030103, 12030104, 11130210, 11130201	120301060406, 120301060403, 120301060405	Muddy Creek-Lake Ray Hubbard, Town of Allen-Cottonwood Creek, Brown Branch-Rowlett Creek	Project Planning
031000126	Wheeler Creek Channelization Study	Evaluate channelization of Wheeler Creek to reduce flooding in the west side of town.	03000031, 03000032	Cooke	12030103, 11130210, 11130201	111302100202, 120301030105, 120301030301, 111302100201, 120301030403, 120301030106, 111302010708, 120301030201	Wheeler Creek-Pecan Creek, Montague Creek-Elm Fork Trinity River, Buck Creek-Timber Creek, Upper Indian Creek, Scott Creek-Elm Fork Trinity River	Project Planning
031000127	Pecan Creek Channelization Study	Evaluate channelization project for Pecan Creek to reduce flooding.	03000031, 03000032	Cooke	12030103	120301030402, 120301030404, 120301030403, 120301030405	Lower Spring Creek, Scott Creek-Elm Fork Trinity River, Pecan Creek-Elm Fork Trinity River, Pond Creek-Elm Fork Trinity River	Project Planning
031000128	Lindsay Waterways Improvements Study	Identify alternatives to reshape waterways to allow quicker flow in areas that have regular flooding. Study potential construction of gabion retaining walls, and widening and/or deepening of the waterway.	03000031, 03000032	Cooke	12030103, 11130201	120301030401, 120301030403, 120301030106, 111302010707	Montague Creek-Elm Fork Trinity River, Upper Spring Creek, Scott Creek-Elm Fork Trinity River	Project Planning
031000129	O'Neal St Low-Water Crossing Automatic Barrier Study	Evaluate installation of an automatic barricade for low-water crossing on O'Neal St.	03000003, 03000004	Cooke	12030103	120301030105, 120301030106	Wheeler Creek-Pecan Creek, Montague Creek-Elm Fork Trinity River	Project Planning
031000130	Elm Fork Bridge Improvements Assessment	Assessment to alleviate flooding issues with the Elm Fork bridge on I-35.	03000003, 03000004, 03000031, 03000032	Cooke	12030103	120301030105, 120301030403, 120301030106	Wheeler Creek-Pecan Creek, Montague Creek-Elm Fork Trinity River, Scott Creek-Elm Fork Trinity River	Project Planning
031000132	University Park Storm Water Infrastructure Improvements Study	Evaluation of storm drain system improvements including new storm sewer inlets, mains, and underground detention system to reduce flooding in Northeast portion of the City.	03000031, 03000032	Dallas	12030103, 12030105	120301031007, 120301050105, 120301050101	Bachman Branch-Elm Fork Trinity River, Turtle Creek, White Rock Creek-White Rock Lake	Project Planning
031000133	Exall and Wycliffe Dam Maintenance Protocol for Drainage Systems and Flood Control Structures	Analyze maintenance protocol for Drainage Systems/Flood Control Structures in and around the Exall and Wycliffe Dams. Conduct study to determine roadway reconstruction, culvert/bridge construction and associated bank protection and improvements	03000033, 03000034	Dallas	12030105	120301050101	Turtle Creek	Project Planning
031000134	Farmers Branch Retention Pond Dredging	Dredge the retention ponds along the creeks within the City.	03000013, 03000014, 03000031, 03000032	Dallas	12030103	120301031005, 120301031004, 120301031007	Bachman Branch-Elm Fork Trinity River, Grapevine Creek-Elm Fork Trinity River, Farmers Branch-Elm Fork Trinity River	Project Planning
031000135	Ten Mile Creek Channel Expansion Study	Study to improve and increase the capacity of storm water system by expanding the Ten Mile Creek downstream channel to prevent flooding in flood prone areas to include structural stormwater management projects	03000031, 03000032	Dallas	12030102, 12030105	120301020603, 120301050107, 120301050301, 120301020606, 120301050201, 120301020607, 120301050306, 120301050202, 120301050108, 120301050305, 120301050203	Bachman Branch-Elm Fork Trinity River, Grapevine Creek-Elm Fork Trinity River, Farmers Branch-Elm Fork Trinity River	Project Planning
031000136	Hunterwood Stream Stabilization Project	Installation and maintenance of gabion walls to mitigate stream bank erosion during extreme flood events	03000031, 03000032, 03000033, 03000034	Dallas	12030103, 12030104, 12030102	120301040307, 120301031006, 120301031004, 120301020703	Big Bear Creek, Cottonwood Branch-Hackberry Creek, Grapevine Creek-Elm Fork Trinity River, Cottonwood Branch-Denton Creek	Project Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000122	24.54	Riverine	Chambers County	Chambers County	N	\$1,250,000	Y	Action aligns with goals and meets TWDB guidance
031000123	883.19	Riverine	Collin County	Collin County	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000125	893.01	Riverine	Cooke County	Cooke County	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000126	39.49	Riverine	Gainesville	Gainesville	N	\$125,000	Y	Action aligns with goals and meets TWDB guidance
031000127	12.54	Riverine	Valley View	Valley View	N	\$100,000	Y	Action aligns with goals and meets TWDB guidance
031000128	15.14	Riverine	Lindsay	Lindsay	N	\$100,000	Y	Action aligns with goals and meets TWDB guidance
031000129	10.33	Riverine	Gainesville	Gainesville	N	\$125,000	Y	City split their projects within watersheds. No need for a DMP.
031000130	7.23	Riverine	Gainesville	Gainesville	N	\$100,000	Y	Action aligns with goals and meets TWDB guidance
031000132	3.69	Riverine	University Park	University Park	N	\$660,000	Y	Action aligns with goals and meets TWDB guidance
031000133	2.23	Riverine	Highland Park	Highland Park	N	\$175,000	Y	Action aligns with goals and meets TWDB guidance
031000134	12.02	Riverine	Farmers Branch	Farmers Branch	N	\$125,000	Y	Action aligns with goals and meets TWDB guidance
031000135	76.98	Riverine	Lancaster	Lancaster	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000136	9.51	Riverine	Coppell	Coppell	N	\$100,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000137	Carrollton Flood Warning Barrier System Study	Procure and install flood warning barrier system to prevent motorists from driving into flooded areas.	03000003, 03000004	Dallas, Denton	12030103, 12030104, 12030105	120301040307, 120301031002, 120301031005, 120301031004, 120301031003, 120301031001, 120301050103	Prairie Creek-Elm Fork Trinity River, Timber Creek, Indian Creek-Elm Fork Trinity River, Grapevine Creek-Elm Fork Trinity River, Farmers Branch-Elm Fork Trinity River, Cottonwood Branch-Denton Creek, Headwaters White Rock Creek	Project Planning
031000138	Westside Drive Drainage System and Street Reconstruct Study	Study to reconstruct Drainage System and Street in the 4500-4700 blocks of Westside Drive	03000031, 03000032	Dallas	12030103, 12030105	120301031007, 120301050101	Bachman Branch-Elm Fork Trinity River, Turtle Creek	Project Planning
031000139	Garner Rd, Chiesa Rd, and Wayne Way Storm Drain System Improvements	Evaluation of storm drain system redirection and improvements at Garner Rd, Chiesa Rd, and Wayne Way	03000031, 03000032	Dallas	12030106	120301060409, 120301060402, 120301060408, 120301060501, 120301060403	Cottonwood Creek-East Fork Trinity River, Muddy Creek-Lake Ray Hubbard, Rowlett Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000140	Cooks Creek Drainage Infrastructure Improvements	Evaluation of improvements to drainage infrastructure along Cooks Creek between Bee St and Spring Valley.	03000031, 03000032	Dallas	12030103	120301031005, 120301031004	Grapevine Creek-Elm Fork Trinity River, Farmers Branch-Elm Fork Trinity River	Project Planning
031000141	Carrollton Drainage Upgrades	Evaluate upgrades to drainage and targeted regrading of streets and properties. Add additional drains and supporting infrastructure in older neighborhoods to increase offloading of flash flood waters.	03000031, 03000032	Dallas, Denton	12030103, 12030104, 12030105	120301040307, 120301031002, 120301031005, 120301031004, 120301031003, 120301031001, 120301050103	Prairie Creek-Elm Fork Trinity River, Timber Creek, Indian Creek-Elm Fork Trinity River, Grapevine Creek-Elm Fork Trinity River, Farmers Branch-Elm Fork Trinity River, Cottonwood Branch-Denton Creek, Headwaters White Rock Creek	Project Planning
031000142	Little Elm Drainage Improvements	Evaluate drainage improvements to mitigate future flash and lake flooding problems.	03000031, 03000032	Denton	12030103	120301030905, 120301030705, 120301030904, 120301030906, 120301030902, 120301030703, 120301030903	Little Elm Creek, Running Branch-Little Elm Creek, Pecan Creek-Lewisville Lake, Doe Branch-Lewisville Lake, Panther Creek-Lewisville Lake, Cottonwood Branch-Lewisville Lake, Stewart Creek-Lewisville Lake	Project Planning
031000143	Shady Shores Rd Elevation Study	Evaluate alternatives to elevate Shady Shores Rd to reduce future loss due to flooding	03000003, 03000004, 03000031, 03000032	Denton	12030103	120301030906, 120301030902, 120301030804, 120301030805	Middle Hickory Creek, Lower Hickory Creek, Pecan Creek-Lewisville Lake, Stewart Creek-Lewisville Lake	Project Planning
031000144	Sanger Creek Waterways Reconstruction Study	Evaluate alternatives to reconstruct creek waterways to correct drainage issues	03000031, 03000032	Denton	12030103	120301030604, 120301030602, 120301030603, 120301030405	Pond Creek-Elm Fork Trinity River, Buck Creek-Clear Creek, Little Duck Creek-Duck Creek, Moores Branch-Clear Creek	Project Planning
031000145	CR 1400 drainage study	Evaluate widening road and installing box drains where necessary.	03000003, 03000004, 03000031, 03000032	Henderson	12030107	120301070311, 120301070312, 120301070309	Caney Creek-Cedar Creek Reservoir, McAllister Slough-Cedar Creek, Walnut Creek-Cedar Creek	Project Planning
031000146	Malone Bridge Improvements	Evaluate alternatives to elevate roadways in flood-prone areas through bridge improvements	03000003, 03000004, 03000031, 03000032	Hill	12030108	120301080108, 120301080106	Headwaters Ash Creek, Bynum Creek	Project Planning
031000147	FM 2114 Automated Flood Gate Feasibility Assessment	Evaluate installation of an automated flood gate that prevents traffic flow on FM 2114 within the flood-prone area during flooding events.	03000003, 03000004	Hill	12030108, 12060202	120301080106, 120602020701, 120301080107	Headwaters Ash Creek, Cottonwood Creek-Ash Creek	Project Planning
031000148	Houston County dike for critical facilities	Evaluate alternatives to build earthen dike to elevate emergency vehicle access road to critical facilities to provide protection to 500-year flood level	03000003, 03000004, 03000011, 03000012, 03000019, 03000020	Houston	12020002, 12030201, 12020001, 12030202	120301080106, 120602020701, 120301080107	Headwaters Ash Creek, Cottonwood Creek-Ash Creek	Project Planning
031000149	Grapeland Critical Facilities Floodproofing Assessment	Assess flood proofing critical facilities to the 500-year flood that are located in flood-prone areas of the city in Region 3	03000011, 03000012, 03000019, 03000020	Houston	12030201, 12020001	120200010701, 120302010702, 120302010703	Upper Big Elkhart Creek, Little Elkhart Creek	Project Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000137	37.26	Riverine	Carrollton	Carrollton	N	\$300,000	Y	Action aligns with goals and meets TWDB guidance
031000138	2.05	Riverine	Highland Park	Highland Park	N	\$700,000	Y	Action aligns with goals and meets TWDB guidance
031000139	10.02	Riverine	Rowlett	Rowlett	N	\$1,100,000	Y	City split their projects within watersheds. No need for a DMP.
031000140	6.25	Riverine	Farmers Branch	Farmers Branch	N	\$2,000,000	Y	Action aligns with goals and meets TWDB guidance
031000141	37.26	Riverine	Carrollton	Carrollton	N	\$1,000,000	Y	Action aligns with goals and meets TWDB guidance
031000142	22.29	Riverine	Little Elm	Little Elm	N	\$1,000,000	Y	Action aligns with goals and meets TWDB guidance
031000143	16.72	Riverine	Shady Shores	Shady Shores	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000144	11.72	Riverine	Sanger	Sanger	N	\$600,000	Y	Action aligns with goals and meets TWDB guidance
031000145	2.46	Riverine	Malakoff	Malakoff	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000146	0.39	Riverine	Malone	Malone	N	\$275,000	Y	Action aligns with goals and meets TWDB guidance
031000147	8.82	Riverine	Penelope	Penelope	N	\$30,000	Y	Action aligns with goals and meets TWDB guidance
031000148	1,231.75	Riverine	Houston County	Houston County	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000149	0.53	Riverine	Grapeland	Grapeland	N	\$150,000	Y	City split their projects within watersheds. No need for a DMP.

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000150	Jack County WWTP and Lift Station Flood-Proofing.	Evaluate alternatives to flood-proof sewage treatment plans in flood hazard / low-lying areas. Raise electrical components of sewage lift stations above the BFE.	03000019, 03000020	Jack	12060201, 12030101	120200010701, 120302010702, 120302010703	Upper Big Elkhart Creek, Little Elkhart Creek	Project Planning
031000151	County Rd 125 Automatic Warning Barricade Installation	Evaluate alternatives to install automatic warning barricades at County Rd 125 low-water crossing	03000003, 03000004	Kaufman	12030107	120301070205, 120301070202, 120301070201, 120301070106, 120301070203, 120301070109	Eagans Branch-Kings Creek, Headwaters Big Cottonwood Creek, Muddy Cedar Creek, Rocky Cedar Creek, Allen Creek-Cedar Creek, Williams Creek-Cedar Creek	Project Planning
031000152	City of Liberty WWTP Levee Study	Study to evaluate constructing levee floodwall around waste water treatment plant	03000019, 03000020	Liberty	12030203	120302030203, 120302030301, 120302030305, 120302030302, 120302030204, 120302030109, 120302030201, 120302030303	Lake Bayou-Trinity River, Long Island Creek-Whites Bayou, Cow Island Bayou, Turtle Bayou, Linney Creek-Trinity River, West Prong Old River, Redmond Creek, West Branch Devers Canal-Trinity River	Project Planning
031000153	Liberty County Re-canalization	Evaluate alternatives to dechannelize existing feeder creeks that flow from north to south and improve drainage for storm water runoff	03000029, 03000030	Liberty	12040103, 12030203, 12040203, 12040201, 12040202, 12020007, 12030202	120301020606, 120301020607, 120301020702	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning
031000154	Liberty County Culverts Upgrades	Evaluate alternatives to reduce flooding by increasing size of culverts to 24 inches on County Rd 2361, 2362, 2363, and 2364 and CR 2358	03000003, 03000004, 03000029, 03000030	Liberty	12030203	120302030109	Lake Bayou-Trinity River	Project Planning
031000155	County Rd 2331 Re-Routing	Evaluate alternatives to re-route County Rd 2331 to area not prone to flooding	03000013, 03000014, 03000031, 03000032	Liberty	12030203	120302030301, 120302030109, 120302030108	Gillen Bayou, Lake Bayou-Trinity River, Linney Creek-Trinity River	Project Planning
031000157	Polk County Road and Drainage Improvements	Evaluate road elevation and drainage improvements.	03000003, 03000004, 03000029, 03000030	Polk	12020002, 12020006, 12020007, 12030202	120301030604, 120301030602, 120301030603, 120301030405	Pond Creek-Elm Fork Trinity River, Buck Creek-Clear Creek, Little Duck Creek-Duck Creek, Moores Branch-Clear Creek	Project Planning
031000158	Seven Oaks Drainage Ditches	Evaluate drainage ditch along city streets Camp Rd, Pickens Loop, Franklin Rd, Austin Street, and Hunt Street	03000031, 03000032	Polk	12020006, 12030202	120302021003, 120200060101, 120302021001	Barnett Creek-Long King Creek, Alexander Creek-Long King Creek	Project Planning
031000159	Old 35 Sover Sampson Creek Bridge Elevation	Evaluate alternatives to elevate bridge on Old 35 Sover Sampson Creek	03000003, 03000004	Polk	12030202	120302021006, 120302021202	Sanson Creek-Long King Creek, Copeland Creek	Project Planning
031000160	Pennington Rd Culverts	Evaluate alternatives to install multiple culverts under Pennington Rd	03000003, 03000004, 03000031, 03000032	Polk	12030202	120302021006, 120302021202	Sanson Creek-Long King Creek, Copeland Creek	Project Planning
031000161	Seven Oaks Culvert Installation	Evaluate alternatives to install multiple new culverts under Camp Rd, Pickens Loop, and Franklin Rd	03000003, 03000004, 03000031, 03000032	Polk	12020006, 12030202	120302021003, 120200060101, 120302021001	Barnett Creek-Long King Creek, Alexander Creek-Long King Creek	Project Planning
031000162	San Jacinto County Drainage and Conveyance Capacity Improvements	Evaluate alternatives to improve drainage and conveyance capacity for Big Creek.	03000029, 03000030	San Jacinto	12040103, 12030203, 12030202	120301020607, 120301020706, 120301020705	West Carolina Creek-Lake Livingston, Palmetto Creek, Pools Creek-Lake Livingston, McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Huffman Creek-Trinity River, Little Creek-Big Creek, Big Creek-Trinity River, Nevill Bayou	Project Planning
031000163	Rock Creek Road Improvements	Evaluate alternatives to mitigate repetitive damages to Rocky Creek Rd sustained between 2015 - Present	03000003, 03000004, 03000029, 03000030	San Jacinto	12040103, 12030202	120302021105, 120401030307	Wolf Creek-Lake Livingston	Project Planning
031000164	Chipmunk Rd Culverts Replacement	Evaluate alternatives to replace Chipmunk Rd culverts with a bridge	03000003, 03000004, 03000029, 03000030	San Jacinto	12030203, 12030202	120302030101, 120302021207	Big Creek-Trinity River, Nevill Bayou	Project Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000150	917.33	Riverine	Jack County	Jack County	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000151	23.09	Riverine	Kaufman County	Kaufman County	N	\$50,000	Y	Action aligns with goals and meets TWDB guidance
031000152	42.25	Riverine	Liberty	Liberty	N	\$80,000	Y	Action aligns with goals and meets TWDB guidance
031000153	1,169.45	Riverine	Liberty County	Liberty County	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000154	3.57	Riverine	Liberty County	Liberty County	N	\$100,000	Y	Action aligns with goals and meets TWDB guidance
031000155	6.43	Riverine	Dayton Lake Estates	Dayton Lake Estates	N	\$100,000	Y	Action aligns with goals and meets TWDB guidance
031000157	1,105.57	Riverine	Polk County	Polk County	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000158	7.89	Riverine	Seven Oaks	Seven Oaks	N	\$100,000	Y	Action aligns with goals and meets TWDB guidance
031000159	4.85	Riverine	Goodrich	Goodrich	N	\$100,000	Y	Action aligns with goals and meets TWDB guidance
031000160	4.85	Riverine	Goodrich	Goodrich	N	\$100,000	Y	Action aligns with goals and meets TWDB guidance
031000161	7.89	Riverine	Seven Oaks	Seven Oaks	N	\$100,000	Y	Action aligns with goals and meets TWDB guidance
031000162	625.52	Riverine	Shepherd, San Jacinto County	Shepherd, San Jacinto County	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000163	3.99	Riverine	San Jacinto County, Shepherd	San Jacinto County, Shepherd	N	\$100,000	Y	Action aligns with goals and meets TWDB guidance
031000164	3.72	Riverine	San Jacinto County, Shepherd	San Jacinto County, Shepherd	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000165	Comanche Drive Culvert and Retention Wall Construction Feasibility Assessment	Evaluate feasibility for building a larger culvert and retention wall for watershed over low crossing on Comanche Drive	03000003, 03000004	Tarrant	12030102	120301020105, 120301020501, 120301020104, 120301020101	West Fork Trinity River-Lake Worth, Live Oak Creek-West Fork Trinity River, Farmers Branch-West Fork Trinity River, Marine Creek-West Fork Trinity River	Project Planning
031000167	Lower Hardisty Storm Drain Improvements	Evaluate alternatives for storm drain improvements	03000031, 03000032	Tarrant	12030102	120301020504, 120301020506, 120301020704, 120301020505, 120301020503	Little Bear Creek, Whites Branch-Big Fossil Creek, Sycamore Creek-West Fork Trinity River, Headwaters Walker Branch, Walker Branch-West Fork Trinity River	Project Planning
031000168	Big Bear Creek, Little Bear Creek, and Marshall Branch Stream Bank Erosion Study	Study to reduce stream bank erosion impacts along Big Bear Creek, Little Bear Creek, and Marshall Branch to improve drainage within the City of Keller	03000031, 03000032	Denton, Montague, Tarrant, Wise	12030103, 12030104, 12030101, 12030102, 11130201	120301020504, 120301020506, 120301020704, 120301020505, 120301020503	Little Bear Creek, Whites Branch-Big Fossil Creek, Sycamore Creek-West Fork Trinity River, Headwaters Walker Branch, Walker Branch-West Fork Trinity River	Project Planning
031000169	Calloway Branch Erosion Control Study	Evaluate erosion control measures in Calloway Branch to eliminate erosion of stream bank.	03000031, 03000032	Tarrant	12030102	120301020506, 120301020704, 120301020505, 120301020701, 120301020503	Little Bear Creek, Whites Branch-Big Fossil Creek, Headwaters Walker Branch, Walker Branch-West Fork Trinity River, Hurricane Creek-West Fork Trinity River	Project Planning
031000170	Mansfield Stream Stabilization Study	Evaluate alternatives to protect public infrastructure and private property from damages due to streambank erosion. Alternatives could include Saddlehorn/Walnut Creek sewer interceptor aerial crossing and Brookfield Hogpen sewer interceptor	03000031, 03000032	Tarrant	12030102	120301020603, 120301020601, 120301020604, 120301020605, 120301020405	Rush Creek-Village Creek, Headwaters Mountain Creek, Low Branch-Mountain Creek, King Branch-Walnut Creek, Lynn Creek-Walnut Creek	Project Planning
031000171	Turkey Creek Trail Bridge	Evaluate alternatives to construct Bridge at Low-Water Crossing on Turkey Creek Trail.	03000003, 03000004	Wise	12030101	120301010410, 120301010411	Village Creek-West Fork Trinity River, Dry Creek-West Fork Trinity River	Project Planning
031000172	Turkey Creek Trail Rebuild	Evaluate alternatives to rebuild Turkey Creek Trail from 9th Street to State Highway 114.	03000031, 03000032	Wise	12030101	120301010410, 120301010411	Village Creek-West Fork Trinity River, Dry Creek-West Fork Trinity River	Project Planning
031000173	West Bridgeport Creek Channelization and Drainage Project	West Bridgeport Creek Channelization and Drainage Project Feasibility Assessment.	03000031, 03000032	Wise	12030101	120301010404, 120301010405, 120301010410, 120301010411, 120301010602, 120301010408, 120301010409	Venchoner Creek, Big Creek-Lake Bridgeport, Willow Creek, Lake Bridgeport, Village Creek-West Fork Trinity River, Dry Creek-West Fork Trinity River, Garrett Creek	Project Planning
031000174	North Weatherford St and Oakwood St Structure Improvements	Structure improvements assessment - North Weatherford St in front of fire station and Oakwood St between Granada and El Camino.	03000031, 03000032	Wise	12030101	120301010404, 120301010410, 120301010411, 120301010508	Venchoner Creek, Village Creek-West Fork Trinity River, Dry Creek-West Fork Trinity River, Pringle Creek-Big Sandy Creek	Project Planning
031000175	Hurstview Drive Bridge Improvement	Lorean watershed; \$ Estimated construction cost of 390,000 cost estimate; from 2013 study	03000003, 03000004, 03000031, 03000032	Tarrant	12030102	120301020704, 120301020505	Little Bear Creek, Headwaters Walker Branch	Project Planning
031000176	Regional Detention at Mayfair Park	Valley View watershed; \$ Estimated construction cost of 1,900,000 cost estimate; from 2017 study	03000013, 03000014, 03000031, 03000032	Tarrant	12030102	120301020704, 120301020505	Little Bear Creek, Headwaters Walker Branch	Project Planning
031000177	TRE & SH-10 Culvert Improvements	Valley View watershed; \$ Estimated construction cost of 750,000 cost estimate; from 2017 study	03000003, 03000004, 03000009, 03000010, 03000031, 03000032	Tarrant	12030102	120301020506, 120301020704, 120301020505, 120301020701, 120301020503	Little Bear Creek, Whites Branch-Big Fossil Creek, Headwaters Walker Branch, Walker Branch-West Fork Trinity River, Hurricane Creek-West Fork Trinity River	Project Planning
031000178	Pipeline Road Bridge Improvement	Walker watershed; \$ Estimated construction cost of 1,700,000 cost estimate; from 2020 study	03000031, 03000032	Tarrant	12030102	120301020506, 120301020704, 120301020505, 120301020701, 120301020503	Little Bear Creek, Whites Branch-Big Fossil Creek, Headwaters Walker Branch, Walker Branch-West Fork Trinity River, Hurricane Creek-West Fork Trinity River	Project Planning
031000179	Redbud Drive Bridge Improvement	Walker watershed; \$ Estimated construction cost of 1,200,000 cost estimate; from 2020 study	03000031, 03000032	Tarrant	12030102	120301020704, 120301020505	Little Bear Creek, Headwaters Walker Branch	Project Planning
031000180	Northeast Mall Culvert Improvement	Walker watershed; \$ Estimated construction cost of 11,600,000 cost estimate; from 2020 study	03000031, 03000032	Tarrant	12030102	120301020704, 120301020505	Little Bear Creek, Headwaters Walker Branch	Project Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000165	9.85	Riverine	Fort Worth	Fort Worth	N	\$60,000	Y	Action aligns with goals and meets TWDB guidance
031000167	14.76	Riverine	Richland Hills	Richland Hills	N	\$125,000	Y	Action aligns with goals and meets TWDB guidance
031000168	734.68	Riverine	Keller	Keller	N	\$50,000	Y	Action aligns with goals and meets TWDB guidance
031000169	27.51	Riverine	Hurst	Hurst	N	\$50,000	Y	Action aligns with goals and meets TWDB guidance
031000170	36.49	Riverine	Mansfield	Mansfield	N	\$182,000	Y	Action aligns with goals and meets TWDB guidance
031000171	4.94	Riverine	Bridgeport	Bridgeport	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000172	4.94	Riverine	Bridgeport	Bridgeport	N	\$63,000	Y	Action aligns with goals and meets TWDB guidance
031000173	27.78	Riverine	Bridgeport	Bridgeport	N	\$150,000	Y	Action aligns with goals and meets TWDB guidance
031000174	5.84	Riverine	Chico	Chico	N	\$200,000	Y	Action aligns with goals and meets TWDB guidance
031000175	4.27	Riverine	Hurst	Hurst	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000176	3.30	Riverine	Hurst	Hurst	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000177	27.51	Riverine	Hurst	Hurst	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000178	27.51	Riverine	Hurst	Hurst	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000179	4.27	Riverine	Hurst	Hurst	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000180	5.17	Riverine	Hurst	Hurst	N	\$582,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000181	Grand Parkway Culvert Crossing	Evaluate alternatives to upsize cross-culverts to allow for developed flow	03000003, 03000004, 03000009, 03000010, 03000031, 03000032	Chambers	12030203, 12040203	120402030105, 120302030307, 120402030106, 120402030200, 120302030306, 120302030304	Lynchburg Canal-Old River, Lost River-Old River	Project Planning
031000182	Cherry Point Gully PER	Evaluate alternatives to construct a diversion channel; channel improvements upstream of diversion; construction of regional detention basins as alternative to diversion channel construction	03000031, 03000032	Chambers	12030203, 12040203	120402030105, 120302030304, 120402030104	Lynchburg Canal-Old River	Project Planning
031000183	Cotton Bayou PER	Evaluate alternatives to construct a diversion channel within irrigation canal ROW to drain to Old River; construction of detention basins to serve new development; linear detention through channel improvements; expansion of existing detention basins	03000031, 03000032	Chambers	12030203, 12040203	120402030105, 120302030307, 120402030106, 120402030200, 120302030306, 120302030304	Lynchburg Canal-Old River, Lost River-Old River	Project Planning
031000184	Belt Line Rd (FM1382) at Cottonwood Creek	Study update - Channel Improvements; Estimated construction cost of \$4,502,500	03000031, 03000032	Dallas, Tarrant	12030102	120301020606, 120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning
031000185	North Grand Prairie High School Pond Crossing	Study update - Gopher Creek 430 feet north of Small Hill St; channel improvements; Estimated construction cost of \$159,500	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000186	Belt Line Rd at Plattner Creek	Study update - Channel Improvements; Estimated construction cost of \$435,500	03000031, 03000032	Dallas	12030102	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000187	Small Hill St at Gopher Creek	Study update - Channel Improvements; Estimated construction cost of \$307,700	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000188	Carrier Parkway at Dalworth Creek	Study update - 190 feet southeast of Capetown; Channel Improvements; Estimated construction cost of \$1,092,000	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning
031000189	East Tarrant Rd at Gopher Creek	Study update - Channel Improvements; Estimated construction cost of \$381,300	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000190	NE 5th St at Gopher Creek	Study update - Channel Improvements; Estimated construction cost of \$390,200	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000191	Grass-covered Culvert at Dalworth Creek	Study update - 520 feet west of Carrier Parkway; Channel Improvements; Estimated construction cost of \$1,048,700	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning
031000192	High School Drive at Gopher Creek	Study update - Channel Improvements; Estimated construction cost of \$402,400	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000193	Duncan Perry Rd at Johnson Creek	Study update - Channel Improvements; Estimated construction cost of \$5,374,200	03000031, 03000032	Dallas, Tarrant	12030102	120301020606, 120301020607, 120301020706, 120301020701, 120301020702, 120301020405	Delaware Creek-West Fork Trinity River, Rush Creek-Village Creek, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Hurricane Creek-West Fork Trinity River, Johnson Creek	Project Planning
031000194	Great Southwest Parkway at Cottonwood Creek Bridge and Roadway Raising Improvements (Stream Station 104+64)	Study update - Channel Improvements; Estimated construction cost of \$9,538,300	03000031, 03000032	Dallas, Tarrant	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning
031000195	West Park Square Rd at Turner Branch	Study update - Channel Improvements; Estimated construction cost of \$445,200	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000196	Carrier Parkway at Cottonwood Creek and South Fork Cottonwood Creek - Bridges	Study update - Channel Improvements; Estimated construction cost of \$18,164,400	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000181	8.60	Riverine	Mont Belvieu	Mont Belvieu	N	\$100,000	Y	Action aligns with goals and meets TWDB guidance
031000182	5.64	Riverine	Mont Belvieu	Mont Belvieu	N	\$100,000	Y	Action aligns with goals and meets TWDB guidance
031000183	24.54	Riverine	Mont Belvieu	Mont Belvieu	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000184	12.51	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000185	3.84	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000186	2.62	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000187	3.84	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000188	2.19	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000189	3.84	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000190	3.84	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000191	2.19	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000192	3.84	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000193	20.95	Riverine	Grand Prairie	Grand Prairie	N	\$269,000	Y	Action aligns with goals and meets TWDB guidance
031000194	5.59	Riverine	Grand Prairie	Grand Prairie	N	\$477,000	Y	Action aligns with goals and meets TWDB guidance
031000195	3.84	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000196	5.59	Riverine	Grand Prairie	Grand Prairie	N	\$908,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000197	3rd St at Cottonwood Creek and Cottonwood Creek from SW 3rd to FM 1382	Study update - Channel Improvements; Estimated construction cost of \$12,733,000	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning
031000198	FM 661 at Mountain Creek (Future with Development)	Study update - Channel Improvements; Estimated construction cost of \$7,750,000	03000031, 03000032	Dallas	12030109, 12030102	120301020603, 120301090103, 120301090101, 120301020601, 120301020604, 120301090102, 120301020605, 120301020602	Headwaters Mountain Creek, Soap Creek, Low Branch Mountain Creek, King Branch-Walnut Creek, Headwaters North Fork Chambers Creek, Upper North Fork Chambers Creek, Armstrong Creek-Cottonwood Creek	Project Planning
031000199	Green Hollow Drive North and South of Thornbush Drive	Study update - Storm Drain Improvements; Estimated construction cost of \$247,000	03000031, 03000032	Dallas	12030102	120301020606	Fish Creek-Mountain Creek Lake	Project Planning
031000200	Carrier Parkway & Egyptian Way	Study update - Storm Drain Improvements; Estimated construction cost of \$3,165,300	03000031, 03000032	Dallas, Tarrant	12030102	120301020606, 120301020607, 120301020706, 120301020701, 120301020702, 120301020405	Delaware Creek-West Fork Trinity River, Rush Creek-Village Creek, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Hurricane Creek-West Fork Trinity River, Johnson Creek	Project Planning
031000201	East Pioneer Parkway & SE 14th St	Study update - Storm Drain Improvements; Estimated construction cost of \$3,742,700	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000202	Great Southwest Parkway & Pinewood Drive	Study update - Storm Drain Improvements; Estimated construction cost of \$3,998,200	03000031, 03000032	Dallas, Tarrant	12030102	120301020606, 120301020607, 120301020702	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning
031000203	Lake Park Drive and Victoria Drive	Study update - Storm Drain Improvements; Estimated construction cost of \$1,094,100	03000031, 03000032	Dallas	12030102	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000204	Regional Detention at Bowie Elementary School	Study update - Storm Drain Improvements; Estimated construction cost of \$3,433,500	03000031, 03000032	Dallas	12030102	120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000205	Shady Grove Rd - Jones St Storm Drainage Improvements	Study update - Storm Drain Improvements; Estimated construction cost of \$1,679,200	03000007, 036000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030102	120301020701, 120301020705	Estelle Creek-Bear Creek, Hurricane Creek-West Fork Trinity River	Project Planning
031000206	Duncan Perry Rd, Heritage Court and Goodwin Branch	Study update - Storm Drain Improvements; Estimated construction cost of \$1,175,300	03000007, 036000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706, 120301020701, 120301020702, 120301020405	Delaware Creek-West Fork Trinity River, Rush Creek-Village Creek, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Hurricane Creek-West Fork Trinity River, Johnson Creek	Project Planning
031000207	Thousand Oaks Court	Study update - Storm Drain Improvements; Estimated construction cost of \$742,700	03000031, 03000032	Dallas	12030103, 12030102	120301031006, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Branch-Hackberry Creek	Project Planning
031000208	East Marshall Drive, Santa Cruz Circle & Belt Line Rd	Study update - Storm Drain Improvements; Estimated construction cost of \$1,753,800	03000031, 03000032	Dallas	12030102	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000209	East Main St & NE 14th St	Study update - Storm Drain Improvements; Estimated construction cost of \$5,879,400	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000210	Marshall Drive from Emerald to SW 3rd	Study update - Storm Drain Improvements; Estimated construction cost of \$3,603,100	03000031, 03000032	Dallas	12030102	120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000211	Varsity Drive and Christy St from Varsity to Mountain Creek Lake	Study update - Storm Drain Improvements; Estimated construction cost of \$4,768,500	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000212	SE 10th Street and Avion Parkway from Perman South to Culvert Crossing	Study update - Storm Drain Improvements; Estimated construction cost of \$1,158,400	03000031, 03000032	Dallas	12030102	120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000213	SW 3rd Street from Dorris North to Concrete Channel	Study update - Storm Drain Improvements; Estimated construction cost of \$4,024,800	03000031, 03000032	Dallas	12030102	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000214	Bowles St & Hensley Drive	Study update - Storm Drain Improvements; Estimated construction cost of \$1,295,700	03000031, 03000032	Dallas	12030102	120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000197	12.51	Riverine	Grand Prairie	Grand Prairie	N	\$637,000	Y	Action aligns with goals and meets TWDB guidance
031000198	49.59	Riverine	Grand Prairie	Grand Prairie	N	\$388,000	Y	Action aligns with goals and meets TWDB guidance
031000199	1.58	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000200	20.95	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000201	5.20	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000202	4.59	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000203	2.62	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000204	2.34	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000205	3.14	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000206	20.95	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000207	3.21	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000208	2.62	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000209	3.84	Riverine	Grand Prairie	Grand Prairie	N	\$294,000	Y	Action aligns with goals and meets TWDB guidance
031000210	2.34	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000211	7.82	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000212	2.34	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000213	2.62	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000214	2.77	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000215	Manana Channel Improvements	Study update - Storm Drain Improvements; Estimated construction cost of \$967,600	03000031, 03000032	Dallas	12030103, 12030102	120301031006, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Branch-Hackberry Creek	Project Planning
031000216	South of Bardin Rd and North of Newberry St	Study update - Storm Drain Improvements; Estimated construction cost of \$2,007,600	03000031, 03000032	Dallas	12030102	120301020606	Fish Creek-Mountain Creek Lake	Project Planning
031000217	Cherokee Trace and Choctaw Trace to Clarice	Study update - Storm Drain Improvements; Estimated construction cost of \$2,715,600	03000031, 03000032	Dallas	12030102	120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000218	Gilbert Rd Drainage Improvements	Study update - Storm Drain Improvements; Estimated construction cost of \$5,825,500	03000031, 03000032	Dallas	12030103, 12030102	120301031006, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Branch-Hackberry Creek	Project Planning
031000219	27th Street and Graham Street from Rinehart to Channel	Study update - Storm Drain Improvements; Estimated construction cost of \$1,419,800	03000031, 03000032	Dallas	12030102, 12030105	120301050102, 120301020706	Delaware Creek-West Fork Trinity River, Coombs Creek-Trinity River	Project Planning
031000220	East Marshall Drive & Avenue C, East Coral & SE 14th Street and in SE 14th Street & Bogarte Drive	Study update - Storm Drain Improvements; Estimated construction cost of \$6,399,100	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000221	Lakeview Drive & SE 14th Street	Study update - Storm Drain Improvements; Estimated construction cost of \$3,570,700	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000222	WE Roberts St & SW 16th St	Study update - Storm Drain Improvements; Estimated construction cost of \$1,625,900	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning
031000223	Jelmak Rd - Hardrock Rd	Study update - Storm Drain Improvements; Estimated construction cost of \$5,095,800	03000031, 03000032	Dallas	12030102	120301020701, 120301020705	Estelle Creek-Bear Creek, Hurricane Creek-West Fork Trinity River	Project Planning
031000224	Shady Grove Rd, Gilbert Rd, Wright Blvd	Study update - Storm Drain Improvements; Estimated construction cost of \$2,860,900	03000031, 03000032	Dallas	12030103, 12030102	120301031006, 120301020706, 120301020701, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Hurricane Creek-West Fork Trinity River, Cottonwood Branch-Hackberry Creek	Project Planning
031000225	Parker Rd - Hardrock Rd	Study update - Storm Drain Improvements; Estimated construction cost of \$5,760,800	03000031, 03000032	Dallas	12030102	120301020706, 120301020701, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Hurricane Creek-West Fork Trinity River	Project Planning
031000226	North Carrier Parkway & Main St to Dalworth Creek Channel	Study update - Storm Drain Improvements; Estimated construction cost of \$8,803,700	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning
031000227	Pioneer Parkway from Brady to Plattner Creek (TXDOT)	Study update - Storm Drain Improvements; Estimated construction cost of \$9,511,900	03000031, 03000032	Dallas	12030102	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000228	NW 24th St & NW 23rd St from West Main to Ditch Near Dalworth St and Doreen St	Study update - Storm Drain Improvements; Estimated construction cost of \$5,982,600	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning
031000229	Detention Basin at St. Michael's Church Vacant Property and Relief Storm Drains in Corn Valley Rd and Neighboring Streets from Santa Anna to Kirby Creek Channel	Study update - Storm Drain Improvements; Estimated construction cost of \$18,766,400	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000230	River Ridge Boulevard	Study update - Storm Drain Improvements; Estimated construction cost of \$6,148,800	03000031, 03000032	Dallas	12030102	120301020706, 120301020701, 120301020702, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Hurricane Creek-West Fork Trinity River, Johnson Creek	Project Planning
031000231	East Grand Prairie Rd & 14th Street from Austin to Ditch South of Skyline	Study update - Storm Drain Improvements; Estimated construction cost of \$8,549,300	03000009, 03000010, 03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000232	Shady Grove Rd	Study update - Storm Drain Improvements; Estimated construction cost of \$6,737,200	03000009, 03000010, 03000031, 03000032	Dallas	12030102	120301020706, 120301020701, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Hurricane Creek-West Fork Trinity River	Project Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000215	3.21	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000216	4.81	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000217	2.34	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000218	3.21	Riverine	Grand Prairie	Grand Prairie	N	\$291,000	Y	Action aligns with goals and meets TWDB guidance
031000219	1.61	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000220	5.20	Riverine	Grand Prairie	Grand Prairie	N	\$320,000	Y	Action aligns with goals and meets TWDB guidance
031000221	5.20	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000222	5.59	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000223	3.14	Riverine	Grand Prairie	Grand Prairie	N	\$255,000	Y	Action aligns with goals and meets TWDB guidance
031000224	6.35	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000225	5.23	Riverine	Grand Prairie	Grand Prairie	N	\$288,000	Y	Action aligns with goals and meets TWDB guidance
031000226	2.19	Riverine	Grand Prairie	Grand Prairie	N	\$440,000	Y	Action aligns with goals and meets TWDB guidance
031000227	2.62	Riverine	Grand Prairie	Grand Prairie	N	\$476,000	Y	Action aligns with goals and meets TWDB guidance
031000228	2.19	Riverine	Grand Prairie	Grand Prairie	N	\$299,000	Y	Action aligns with goals and meets TWDB guidance
031000229	11.65	Riverine	Grand Prairie	Grand Prairie	N	\$938,000	Y	Action aligns with goals and meets TWDB guidance
031000230	7.92	Riverine	Grand Prairie	Grand Prairie	N	\$307,000	Y	Action aligns with goals and meets TWDB guidance
031000231	5.20	Riverine	Grand Prairie	Grand Prairie	N	\$427,000	Y	Action aligns with goals and meets TWDB guidance
031000232	5.23	Riverine	Grand Prairie	Grand Prairie	N	\$337,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000233	Various Streets and Alleys from Dallas Street West of NW 20th Street to Ditch Just South of WE Roberts Street	Study update - Storm Drain Improvements; Estimated construction cost of \$10,656,800	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning
031000234	South Great Southwest Parkway from Warrior to Kirby Creek Concrete Channel North of Mayfield	Study update - Storm Drain Improvements; Estimated construction cost of \$1,411,100	03000031, 03000032	Dallas	12030102	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000235	South Great Southwest Parkway from North of Forum Drive to Prairie Creek Channel	Study update - Storm Drain Improvements; Estimated construction cost of \$2,127,800	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020702	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning
031000236	South Great Southwest Parkway from Sherman to Cottonwood Creek	Study update - Storm Drain Improvements; Estimated construction cost of \$6,881,500	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning
031000237	Arbor Creek Pedestrian Bridge Repair and Channel Bottom Stabilization	270 feet south of Johnson Creek and 290 feet east of SH 161; Estimated construction cost of \$270,900	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706, 120301020701, 120301020702, 120301020405	Delaware Creek-West Fork Trinity River, Rush Creek-Village Creek, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Hurricane Creek-West Fork Trinity River, Johnson Creek	Project Planning
031000238	Gopher Creek Stream Bottom Stabilization	downstream of NE 5th Street; between High School Drive and NE 5th Street; downstream of Belt Line Road; Estimated construction cost of \$65,600 (?) + Estimated construction cost of \$127,300; downstream of High School Drive; Estimated construction cost of \$70,500	03000027, 03000028, 03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000239	Turner Branch Stream Bottom Stabilization	380 feet south of Small Hill Street to 450 feet north of East Tarrant Road; Estimated construction cost of \$187,200 (?)	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000240	Arbor Creek Channel Bottom Stabilization	Channelization, Stabilization, and Bank Armoring from SH 161 East to Johnson Creek Confluence; Estimated construction cost of \$2,096,900; from Duncan Perry to SH 161; Estimated construction cost of \$991,600	03000027, 03000028, 03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706, 120301020701, 120301020702, 120301020405	Delaware Creek-West Fork Trinity River, Rush Creek-Village Creek, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Hurricane Creek-West Fork Trinity River, Johnson Creek	Project Planning
031000241	North Fork of Cottonwood Creek Stabilization	from Great Southwest to Carrier; Estimated construction cost of \$214,900	03000027, 03000028, 03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning
031000242	Kirby Creek Channel Lining Replacements	from 800 feet east of Great Southwest to West of Waterwood; just north of Kildeer cul-de-sac and from Waterwood East to End of Channel Lining just east of Greenvista; Estimated construction cost of \$1,267,200	03000031, 03000032	Dallas	12030102	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000243	Dry Branch Stream Bottom Stabilization	300 feet south of Rock Island (2 locations); Estimated construction cost of \$91,300	03000027, 03000028, 03000031, 03000032	Dallas	12030103, 12030102	120301031006, 120301020706, 120301020705	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Branch-Hackberry Creek	Project Planning
031000244	Johnson Creek Avenue J Stabilization	Bridge abutment repair and channel bank stabilization; Estimated construction cost of \$168,500	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706, 120301020701, 120301020702, 120301020405	Delaware Creek-West Fork Trinity River, Rush Creek-Village Creek, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Hurricane Creek-West Fork Trinity River, Johnson Creek	Project Planning
031000245	Garden Branch Stabilization	Channel bottom stabilization from Camp Wisdom to Great Southwest; Estimated construction cost of \$176,100	03000027, 03000028, 03000031, 03000032	Dallas	12030102	120301020606, 120301020605	Lynn Creek-Walnut Creek, Fish Creek-Mountain Creek Lake	Project Planning
031000246	Warrior Creek Stabilization	From Great Southwest to South Fork Cottonwood Creek; Estimated construction cost of \$518,500	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000233	5.59	Riverine	Grand Prairie	Grand Prairie	N	\$533,000	Y	Action aligns with goals and meets TWDB guidance
031000234	2.84	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000235	5.76	Riverine	Grand Prairie	Grand Prairie	N	\$344,000	Y	Action aligns with goals and meets TWDB guidance
031000236	5.59	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000237	21.14	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000238	3.84	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000239	3.84	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000240	20.95	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000241	5.59	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000242	2.84	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000243	3.21	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000244	20.95	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000245	7.29	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000246	10.18	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000247	Dalworth Creek Stabilization	Repair of gabions and protection of wastewater crossing downstream of I-30; Estimated construction cost of \$402,000; from Dalworth Street to Roman; Estimated construction cost of \$278,900	03000031, 03000032	Dallas	12030102	120301020607, 120301020706, 120301020702	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning
031000248	South Fork Cottonwood Creek	from Great Southwest to Carrier; Estimated construction cost of \$781,200	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020702	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning
031000249	Willis Branch Stabilization	Dam removal and south channel bank stabilization just west of Devon cul-de-sac; Estimated construction cost of \$48,600; from Great Southwest to Sheffield; Estimated construction cost of \$200,700	03000031, 03000032	Dallas	12030102	120301020606, 120301020605	Lynn Creek-Walnut Creek, Fish Creek-Mountain Creek Lake	Project Planning
031000250	Johnson Creek Stabilization	Replacement of failed inline channel structure 500 feet east of SH 161 and channel sediment removal; Estimated construction cost of \$1,979,000; south channel bank stabilization north of Babbling Brook from Quest to Shadow Pass; Estimated construction cost of \$831,700; north channel bank stabilization north of North	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020706, 120301020701, 120301020702, 120301020405	Delaware Creek-West Fork Trinity River, Rush Creek-Village Creek, Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Hurricane Creek-West Fork Trinity River, Johnson Creek	Project Planning
031000251	Henry Branch Stream Stabilization	from apartments at 1000 South Belt Line to Grand Prairie Road; Estimated construction cost of \$127,900	03000031, 03000032	Dallas	12030102	120301020607, 120301020706	Delaware Creek-West Fork Trinity River, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000252	Plattner Creek Stabilization	from FM 1382 to City Limits of Dallas, west of SE 14th; Estimated construction cost of \$252,900	03000031, 03000032	Dallas	12030102	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Project Planning
031000253	Prairie Creek Stabilization	from upstream of Great Southwest Pkwy to upstream of Robinson Road; Estimated construction cost of \$606,900	03000031, 03000032	Dallas	12030102	120301020606, 120301020607, 120301020702	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake, Johnson Creek	Project Planning
031000254	Stuart Branch Stabilization	from 460 feet north of Sanctuary Drive and 350 feet northeast of Nature Court cul-de-sac to Joe Pool Lake (future with development); Estimated construction cost of \$349,700	03000031, 03000032	Dallas	12030109, 12030102, 12030105	120301020603, 120301050301, 120301090301	Low Branch-Mountain Creek, Headwaters Red Oak Creek, Headwaters Waxahachie Creek	Project Planning
031000255	Swadley Branch Stabilization	from 2200 feet south of Koscher Drive to Joe Pool Lake (future with development); Estimated construction cost of \$286,800	03000031, 03000032	Dallas	12030102	120301020603, 120301020605	Low Branch-Mountain Creek, Lynn Creek-Walnut Creek	Project Planning
031000256	Mills Branch Stabilization	from 880 feet south of South Periwinkle Court cul-de-sac to Joe Pool Lake (future with development); Estimated construction cost of \$599,300	03000031, 03000032	Dallas	12030102	120301020603, 120301020605	Low Branch-Mountain Creek, Lynn Creek-Walnut Creek	Project Planning
031000257	Tarrell Creek Stabilization	from a Stream Point 2420 feet south of South Periwinkle Court cul-de-sac and 800 feet east of South Periwinkle Court cul-de-sac to Joe Pool Lake (future with development); Estimated construction cost of \$747,200	03000031, 03000032	Dallas	12030102	120301020603, 120301020605	Low Branch-Mountain Creek, Lynn Creek-Walnut Creek	Project Planning
031000258	Jackson Meadows Pond Erosion Control	Erosion control measures around three pond headwalls to decrease flow velocity.	03000031, 03000032	Collin, Dallas	12030106	120301060408, 120301060403	Muddy Creek-Lake Ray Hubbard, Rowlett Creek-Lake Ray Hubbard	Project Planning
031000259	Long Branch Channel Improvements (Dewitt to Ingram)	Channel improvements to replace a failed headwall and reduce erosive velocities. Sewer line relocation to protect against potential failure due to erosion.	03000031, 03000032	Collin, Dallas	12030106	120301060408, 120301060403	Muddy Creek-Lake Ray Hubbard, Rowlett Creek-Lake Ray Hubbard	Project Planning
031000260	North Colony Blvd. at Powers Street	Streams SC-1A Drainage Study and storm drain upgrades to deal with flooding	03000005, 03000006, 03000007, 03000008, 03000009, 03000010	Denton	12030103	120301030906, 120301031003	Stewart Creek-Lewisville Lake, Indian Creek-Elm Fork Trinity River	Project Planning
031000261	Office Creek Drainage Study	Update Drainage Study and Improvements at Five Star Park	03000005, 03000006, 03000007, 03000008, 03000009, 03000010	Denton	12030103	120301030906, 120301031003, 120301031001	Stewart Creek-Lewisville Lake, Prairie Creek-Elm Fork Trinity River, Indian Creek-Elm Fork Trinity River	Project Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000247	2.19	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000248	4.59	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000249	7.29	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000250	20.95	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000251	2.34	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000252	2.62	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000253	5.76	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000254	6.21	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000255	3.60	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000256	3.60	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000257	3.60	Riverine	Grand Prairie	Grand Prairie	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000258	6.05	Riverine	Sachse	Sachse	N	\$100,000	Y	Action aligns with goals and meets TWDB guidance
031000259	6.05	Riverine	Sachse	Sachse	N	\$100,000	Y	Action aligns with goals and meets TWDB guidance
031000260	2.95	Riverine	The Colony	The Colony	N	\$100,000	Y	Action aligns with goals and meets TWDB guidance
031000261	2.48	Riverine	The Colony	The Colony	N	\$100,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000262	Bill Allen Park Erosion Study	Evaluate erosion control measures at Blair Oaks Drive to Good Shepherd Lutheran Church.	03000031, 03000032	Denton	12030103	120301030906, 120301031003, 120301031001	Stewart Creek-Lewisville Lake, Prairie Creek-Elm Fork Trinity River, Indian Creek-Elm Fork Trinity River	Project Planning
031000263	Johnson County Low Water Crossings - East Side	Hydraulic evaluation to determine how to reduce flooding risk at multiple low water crossings.	03000003, 03000004, 03000009, 03000010	Johnson	12030109, 12060201, 12030102, 12060202	120301020704, 120301020505, 120301020701	Little Bear Creek, Headwaters Walker Branch, Hurricane Creek-West Fork Trinity River	Project Planning
031000264	Johnson County Low Water Crossings - West Side	Hydraulic evaluation to determine how to reduce flooding risk at multiple low water crossings.	03000003, 03000004, 03000009, 03000010	Johnson	12030109, 12060201, 12030102, 12060202	120301020704, 120301020505, 120301020701	Little Bear Creek, Headwaters Walker Branch, Hurricane Creek-West Fork Trinity River	Project Planning
031000265	Tributary SB-1: Circle Lane Culvert Improvements	Evaluate and define necessary culvert improvements.	03000003, 03000004, 03000009, 03000010, 03000031, 03000032	Tarrant	12030102	120301020704, 120301020505, 120301020701	Little Bear Creek, Headwaters Walker Branch, Hurricane Creek-West Fork Trinity River	Project Planning
031000270	Sulphur Branch: Circle Lane Culvert Improvements	Evaluate and define necessary culvert improvements.	03000003, 03000004, 03000009, 03000010, 03000031, 03000032	Tarrant	12030102	120301020704, 120301020505, 120301020701	Little Bear Creek, Headwaters Walker Branch, Hurricane Creek-West Fork Trinity River	Project Planning
031000272	Fairfield South Bateman Drainage Study	Fairfield South Bateman Drainage Study	03000005, 03000006	Freestone	12030201	120302010109, 120302010107, 120302010601	Pin Oak Creek-Cottonwood Creek, Big Brown Creek, Mims Creek-Upper Keechi Creek	Project Planning
031000273	City of Plano DMP	Evaluate alternatives for citywide drainage improvements for areas with history of flooding.	03000031, 03000032	Collin	12030106, 12030103, 12030105	120301060404, 120301060406, 120301030906, 120301060407, 120301031003, 120301050104, 120301060403, 120301060405, 120301050103	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Watershed Planning
031000274	Collin County flooding hazard/vulnerability assessment	Conduct a hazard/vulnerability assessment for personal properties and structures located in the floodplain.	03000013, 03000014	Collin	12030106, 12030103, 12030105, 12010001	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Preparedness
031000275	Houston County Lake Dam Emergency Action Plan	Develop Emergency Action Plan for Houston County Lake Dam	03000001, 03000002	Houston	12020002, 12030201, 12020001, 12030202	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Preparedness
031000276	Grayson County Dams Compliance Assessment	Determine owners of all high and significant hazard dams and obtain copies of all EAPs. Obtain available dam failure impact data necessary for determining most appropriate mitigation approach that would achieve compliance with the State's TCEQ regulations	03000001, 03000002, 03000029, 03000030, 03000039, 03000040	Grayson	12030106, 11140101, 12030103, 11130210	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Preparedness
031000277	Denton County USDA (NRCS) Dam Studies and Rehabilitation	USDA (NRCS) Dam Studies and Rehabilitation	03000009, 03000010, 03000029, 03000030	Denton	12030103, 12030104, 12030105	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Other
031000278	Spring Creek Retaining Walls	Implement results from the 2021 Spring Creek Erosion and Retaining Wall Assessment project. This project identified 19 locations with recommended repairs/maintenance to erosion structures.	03000009, 03000010, 03000031, 03000032	Dallas	12030106, 12030105	120301060404, 120301060406, 120301060407, 120301060408, 120301050104, 120301060501, 120301050103	Headwaters White Rock Creek, Floyd Branch-White Rock Creek, Pittman Creek-Spring Creek, Brown Branch-Rowlett Creek, Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000279	Colonel Palm Valley Drainage Improvements	Implement results from the Colonel Drive Drainage Study. This study identified mitigation options in Coloneal Drive and Palm Valley Drive.	03000013, 03000014, 03000031, 03000032	Dallas	12030106	120301060409, 120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000280	Ashville Drive Drainage Improvements	Implement results from the Ashville Drainage Study. This study identified recommended mitigation options that can provide 100-year protection and minimal improvements for greater frequency storm events.	03000013, 03000014, 03000031, 03000032	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000262	5.29	Riverine	The Colony	The Colony	N	\$100,000	Y	Action aligns with goals and meets TWDB guidance
031000263	730.85	Riverine	Johnson County	Johnson County	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000264	730.85	Riverine	Johnson County	Johnson County	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000265	4.51	Riverine	Bedford	Bedford	N	\$150,000	Y	Action aligns with goals and meets TWDB guidance
031000270	4.51	Riverine	Bedford	Bedford	N	\$150,000	Y	Action aligns with goals and meets TWDB guidance
031000272	8.85	Riverine	Fairfield	Fairfield	N	\$200,000	Y	Action aligns with goals and meets TWDB guidance
031000273	71.84	Riverine	Plano	Plano	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000274	883.19	Riverine	Collin County	Collin County	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000275	1,231.75	Riverine	Houston County	Houston County	N	\$1,000,000	Y	Action aligns with goals and meets TWDB guidance
031000276	976.48	Riverine	Grayson County	Grayson County	N	\$1,000,000	Y	Action aligns with goals and meets TWDB guidance
031000277	948.44	Riverine	Denton County	Denton County	N	\$2,000,000	Y	Action aligns with goals and meets TWDB guidance
031000278	36.42	Riverine	Garland	Garland	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000279	5.98	Riverine	Garland	Garland	N	\$150,000	Y	Action aligns with goals and meets TWDB guidance
031000280	6.47	Riverine	Garland	Garland	N	\$150,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000281	Freeman Heights Drainage Improvements	Implement results from the Garland-Freeman Height Drainage Study. This study identified improvement projects for the storm sewer.	03000013, 03000014, 03000031, 03000032	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000282	Tobin trail Drainage Analysis	Implement results from the Tobin Trail Drainage Study. This study identified mitigation options to determine what solutions can be provided to eliminate or reduce flooding that occurs in Tobin Trail.	03000013, 03000014, 03000031, 03000032	Dallas	12030106	120301060408, 120301060501	Rowlett Creek-Lake Ray Hubbard, Duck Creek	Project Planning
031000283	Whites Bayou/Spring Branch Flood Study	Flood study north of I-10 through Hankamer	03000007, 03000008, 03000009, 03000010	Chambers	12030203, 12040202	120302030202, 120302030204, 120402020100	Turtle Bayou	Watershed Planning
031000284	Predicted Maximum Probable Inundation Map	Use NWS gage height forecasts from the River Forecast Center to generate a potential floodplain along the main stem of the Trinity River.	03000005, 03000005, 03000039, 03000040	All				Watershed Planning
031000285	Headwaters of South Fork Trinity River Tributaries Through Hudson Oaks	Study to determine flooding issues and potential future projects.	03000007, 03000008, 03000009, 03000010	Parker	12030102	120301020205, 120301020203, 120301020206, 120301020207, 120301020204	Clear Fork Trinity River-Lake Weatherford, Squaw Creek-Clear Fork Trinity River, Underwood Branch-Willow Creek, Brogden Branch-Town Creek, South Fork	Watershed Planning
031000286	Headwaters of Clear Fork Trinity River Tributaries Through Hudson Oaks	Study to determine flooding issues and potential future projects.	03000007, 03000008, 03000009, 03000010	Parker	12030102	120301020203, 120301020207, 120301020204	Clear Fork Trinity River-Lake Weatherford, Squaw Creek-Clear Fork Trinity River, South Fork	Watershed Planning
031000287	Headwaters of Willow Creek Regulatory Floodplain Determination Study	Mapping study for Headwaters of Willow Creek through Mansfield ETJ.	03000001, 03000002, 03000005, 03000006, 03000025, 03000026	Tarrant	12030102	120301020403, 120301020604, 120301020402, 120301020405	Deer Creek-Village Creek, Village Creek-Lake Arlington, Rush Creek-Village Creek, King Branch-Walnut Creek	Watershed Planning
031000288	Mountain Creek and Tribs Regulatory Floodplain Determination Study	Mapping study for Mountain Creek and Tribs through Mansfield ETJ.	03000001, 03000002, 03000005, 03000006, 03000025, 03000026	Johnson, Ellis	12030102	120301020603, 120301020601, 120301020604, 120301020605, 120301020602	Headwaters Mountain Creek, Soap Creek, Low Branch-Mountain Creek, King Branch-Walnut Creek, Lynn Creek-Walnut Creek	Watershed Planning
031000289	Hogpen Creek and Detention Facilities H&H Modeling Update	Detailed headwaters study completed with detention. Needs a connectivity H&H modeling with identified detention.	03000005, 03000006, 03000009, 03000010, 03000021, 03000022,	Tarrant	12030102	120301020604, 120301020605, 120301020405	Rush Creek-Village Creek, King Branch-Walnut Creek, Lynn Creek-Walnut Creek	Watershed Planning
031000290	Rock Creek Watershed Study	Study to improve knowledge of flood risks and facilitate the analysis of proposed developments within or adjacent to the floodplain.	03000005, 03000006, 03000023, 03000024,	Johnson	12030102, 12060202	120301020401, 120602020202, 120602020201, 120301020304	Rock Creek, Quil Miller Creek-Village Creek	Watershed Planning
031000291	Walnut Creek Watershed Study	Study to improve knowledge of flood risks and facilitate the analysis of proposed developments within or adjacent to the floodplain.	03000005, 03000006, 03000023, 03000024,	Johnson	12030102	120301020401, 120301020604	Quil Miller Creek-Village Creek, King Branch-Walnut Creek	Watershed Planning
031000292	North Creek Watershed Study	Study to improve knowledge of flood risks and facilitate the analysis of proposed developments within or adjacent to the floodplain.	03000005, 03000006, 03000023, 03000024, 03000039, 03000040	Johnson, Tarrant	12030102	120301020401, 120301020402	Quil Miller Creek-Village Creek, Deer Creek-Village Creek	Watershed Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000281	4.68	Riverine	Garland	Garland	N	\$150,000	Y	Action aligns with goals and meets TWDB guidance
031000282	6.47	Riverine	Garland	Garland	N	\$150,000	Y	Action aligns with goals and meets TWDB guidance
031000283	14.78	Riverine	Chambers County	Chambers County	N	\$458,000	Y	Action aligns with goals and meets TWDB guidance
031000284	17,848.51	Riverine,Urban	Trinity River Authority	Trinity River Authority	N	\$2,000,000	Y	Action aligns with goals and meets TWDB guidance
031000285	6.46	Riverine	Hudson Oaks	Hudson Oaks	N	\$164,000	Y	Action aligns with goals and meets TWDB guidance
031000286	4.95	Riverine	Hudson Oaks	Hudson Oaks	N	\$106,000	Y	Action aligns with goals and meets TWDB guidance
031000287	6.00	Riverine	Mansfield	Mansfield	N	\$137,000	Y	Action aligns with goals and meets TWDB guidance
031000288	18.26	Riverine	Mansfield	Mansfield	N	\$396,000	Y	Action aligns with goals and meets TWDB guidance
031000289	5.61	Riverine	Mansfield	Mansfield	N	\$115,000	Y	Action aligns with goals and meets TWDB guidance
031000290	11.21	Riverine	Burleson	Burleson	N	\$100,000	Y	Action aligns with goals and meets TWDB guidance
031000291	3.43	Riverine	Burleson	Burleson	N	\$150,000	Y	Action aligns with goals and meets TWDB guidance
031000292	3.00	Riverine	Burleson	Burleson	N	\$50,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000293	Quil Miller Creek Watershed Study	Study to improve knowledge of flood risks and facilitate the analysis of proposed developments within or adjacent to the floodplain.	03000005, 03000006, 03000023, 03000024,	Johnson	12030109, 12030102, 12060202	120301020401, 120602020202, 120301090101, 120301020604, 120301020402	Quil Miller Creek-Village Creek, Deer Creek-Village Creek, King Branch-Walnut Creek, Headwaters North Fork Chambers Creek	Watershed Planning
031000294	Hurst Creek Watershed Study	Study to improve knowledge of flood risks and facilitate the analysis of proposed developments within or adjacent to the floodplain.	03000005, 03000006, 03000023, 03000024,	Johnson	12030102	120301020401	Quil Miller Creek-Village Creek	Watershed Planning
031000295	City of Wilmer DMP	Evaluate City and identify future projects.	03000007, 03000008, 03000009, 03000010	Dallas	12030105	120301050202, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River	Watershed Planning
031000296	Alta Mesa Branch at Persimmon Road	Evaluate bridge improvements for Persimmon Road over Alta Mesa Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050108	Headwaters Fivemile Creek, Fivemile Creek-Trinity River	Project Planning
031000297	Alta Mesa Branch at Simpson Stuart Road	Evaluate culvert improvements for Simpson Stuart Road over Alta Mesa Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050108	Headwaters Fivemile Creek, Fivemile Creek-Trinity River	Project Planning
031000298	Alta Mesa Branch at Tracy Road	Evaluate bridge improvements: Tracy Road over Alta Mesa Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050108	Headwaters Fivemile Creek, Fivemile Creek-Trinity River	Project Planning
031000299	Ricketts Branch at Camp Wisdom Road	Evaluate bridge improvements for Camp Wisdom Road over Ricketts Branch (2 structures)	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050201	Headwaters Fivemile Creek, Headwaters Tenmile Creek	Project Planning
031000300	Ricketts Branch at IH 35E Service	Evaluate bridge improvements for IH 35E over Ricketts Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050201	Headwaters Fivemile Creek, Headwaters Tenmile Creek	Project Planning
031000301	Runyon Springs Branch at Crouch Road	Evaluate bridge improvements for Crouch Road over Runyon Springs Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050201, 120301050202, 120301050108	Deep Branch-Tenmile Creek, Headwaters Fivemile Creek, Fivemile Creek-Trinity River, Headwaters Tenmile Creek	Project Planning
031000302	Whites Branch at Langdon Road	Evaluate bridge improvements for Langdon Road over Whites Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000293	22.97	Riverine	Burleson	Burleson	N	\$265,000	Y	Action aligns with goals and meets TWDB guidance
031000294	1.06	Riverine	Burleson	Burleson	N	\$50,000	Y	Action aligns with goals and meets TWDB guidance
031000295	8.10	Riverine	Wilmer	Wilmer	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000296	7.06	Riverine	Dallas	Dallas	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000297	7.06	Riverine	Dallas	Dallas	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000298	7.06	Riverine	Dallas	Dallas	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000299	4.30	Riverine	Dallas	Dallas	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000300	4.30	Riverine	Dallas	Dallas	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000301	3.86	Riverine	Dallas	Dallas	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000302	2.55	Riverine	Dallas	Dallas	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000303	Wilson Branch at Bonnie View Road	Evaluate bridge improvements for Bonnie View Road over Wilson Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108	Fivemile Creek-Trinity River	Project Planning
031000304	Wilson Branch at J J Lemmon Road	Evaluate bridge improvements for J J Lemmon Road over Wilson Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108	Fivemile Creek-Trinity River	Project Planning
031000305	Wilson Branch at Tioga Street	Evaluate bridge improvements for Tioga Street over Wilson Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108	Fivemile Creek-Trinity River	Project Planning
031000306	Woody Branch at Loop 12	Evaluate bridge improvements for Loop 12 over Woody Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030102, 12030105	120301050107, 120301050201, 120301020607	Cottonwood Creek-Mountain Creek Lake, Headwaters Fivemile Creek, Headwaters Tenmile Creek	Project Planning
031000307	Hutchins Creek at Denton Street	Evaluate culvert improvements for Denton Street over Hutchins Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108, 120301050203	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning
031000308	Hutchins Creek at J J Lemmon Street	Evaluate bridge improvements for J J Lemmon Street over Hutchins Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108, 120301050203	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning
031000309	Hutchins Creek at Main Street	Evaluate bridge improvements for Main Street over Hutchins Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108, 120301050203	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning
031000310	Rawlins Creek at Dowdy Ferry Road	Evaluate bridge improvements for Dowdy Ferry Road over Rawlins Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108, 120301050203	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning
031000311	Rawlins Creek at IH 45	Evaluate bridge improvements for IH 45 over Rawlins Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108, 120301050203	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000303	3.75	Riverine	Dallas	Dallas	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000304	3.75	Riverine	Dallas	Dallas	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000305	3.75	Riverine	Dallas	Dallas	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000306	10.56	Riverine	Dallas	Dallas	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000307	2.30	Riverine	Hutchins	Hutchins	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000308	2.30	Riverine	Hutchins	Hutchins	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000309	2.30	Riverine	Hutchins	Hutchins	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000310	3.55	Riverine	Hutchins	Hutchins	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000311	3.55	Riverine	Hutchins	Hutchins	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000312	Rawlins Creek at Main Street	Evaluate bridge improvements for Main Street over Rawlins Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108, 120301050203	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning
031000313	Stream 4A4 at Goode Road	Evaluate bridge improvements for Goode Road over Stream 4A4	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning
031000314	Stream 4A4 at IH 45	Evaluate bridge improvements for IH 45 over Stream 4A4	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning
031000315	Stream 4B4 at Austin Street	Evaluate culvert improvements for Austin Street over Stream 4B4	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108, 120301050203	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning
031000316	Stream 4B4 at Crestridge Drive	Evaluate culvert improvements for Crestridge Drive over Stream 4B4	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108, 120301050203	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000312	3.55	Riverine	Hutchins	Hutchins	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000313	2.96	Riverine	Hutchins	Hutchins	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000314	2.96	Riverine	Hutchins	Hutchins	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000315	3.55	Riverine	Hutchins	Hutchins	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000316	3.55	Riverine	Hutchins	Hutchins	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000317	Stream 4B4 at Denton Street	Evaluate culvert improvements for Denton Street over Stream 4B4	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050108, 120301050203	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning
031000318	Halls Branch at 1st Street	Evaluate bridge improvements for 1st Street over Halls Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050305	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River, Middle Red Oak Creek	Project Planning
031000319	Halls Branch at 4th Street	Evaluate bridge improvements for 4th Street over Halls Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050305	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River, Middle Red Oak Creek	Project Planning
031000320	Halls Branch at 6th Street	Evaluate bridge improvements for 6th Street over Halls Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050305	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River, Middle Red Oak Creek	Project Planning
031000321	Halls Branch at Cedar Street	Evaluate bridge improvements for Cedar Street over Halls Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050305	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River, Middle Red Oak Creek	Project Planning
031000322	Halls Branch at Main Street	Evaluate bridge improvements for Main Street over Halls Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050305	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River, Middle Red Oak Creek	Project Planning
031000323	Halls Branch at Redbud Lane	Evaluate bridge improvements for Redbud Lane over Halls Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050305	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River, Middle Red Oak Creek	Project Planning
031000324	Keller Branch at Jefferson Street	Evaluate bridge improvements for Jefferson Street over Keller Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning
031000325	Keller Branch at Main Street	Evaluate bridge improvements for Main Street over Keller Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000317	3.55	Riverine	Hutchins	Hutchins	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000318	3.03	Riverine	Lancaster	Lancaster	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000319	3.03	Riverine	Lancaster	Lancaster	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000320	3.03	Riverine	Lancaster	Lancaster	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000321	3.03	Riverine	Lancaster	Lancaster	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000322	3.03	Riverine	Lancaster	Lancaster	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000323	3.03	Riverine	Lancaster	Lancaster	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000324	3.16	Riverine	Lancaster	Lancaster	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000325	3.16	Riverine	Lancaster	Lancaster	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000326	Keller Branch at Pleasant Run Road	Evaluate bridge improvements for Pleasant Run Road over Keller Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning
031000327	Mill Branch at Houston School Road	Evaluate bridge improvements for Houston School Road over Mill Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050201, 120301050202	Deep Branch-Tenmile Creek, Headwaters Fivemile Creek, Headwaters Tenmile Creek	Project Planning
031000328	Mill Branch at Wintergreen Road	Evaluate bridge improvements for Wintergreen Road over Mill Branch	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050201, 120301050202	Deep Branch-Tenmile Creek, Headwaters Fivemile Creek, Headwaters Tenmile Creek	Project Planning
031000329	Stream 3A1 at Ten Mile Road	Evaluate bridge improvements for Ten Mile Road over Stream 3A1	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050201, 120301050202, 120301050305	Deep Branch-Tenmile Creek, Headwaters Tenmile Creek, Middle Red Oak Creek	Project Planning
031000330	Stream 3A6 at Belt Line Road	Evaluate bridge improvements for Belt Line Road over Stream 3A6	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning
031000331	Ten Mile Creek at Bluegrove Road	Evaluate bridge improvements for Bluegrove Road over Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050201, 120301050202, 120301050305	Deep Branch-Tenmile Creek, Headwaters Tenmile Creek, Middle Red Oak Creek	Project Planning
031000332	Ten Mile Creek at Houston School Road	Evaluate bridge improvements for Houston School Road over Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050201, 120301050202, 120301050305	Deep Branch-Tenmile Creek, Headwaters Fivemile Creek, Headwaters Tenmile Creek, Middle Red Oak Creek	Project Planning
031000333	Ten Mile Creek at IH 35E Service	Evaluate bridge improvements for IH 35E Service over Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050201, 120301050202, 120301050305	Deep Branch-Tenmile Creek, Headwaters Fivemile Creek, Headwaters Tenmile Creek, Middle Red Oak Creek	Project Planning
031000334	Ten Mile Creek at IH 35E Service (County Highway 1382)	Evaluate bridge improvements for IH 35E Service (County Highway 1382) over Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050107, 120301050201, 120301050202, 120301050305	Deep Branch-Tenmile Creek, Headwaters Fivemile Creek, Headwaters Tenmile Creek, Middle Red Oak Creek	Project Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000326	3.16	Riverine	Lancaster	Lancaster	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000327	3.40	Riverine	Lancaster	Lancaster	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000328	3.40	Riverine	Lancaster	Lancaster	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000329	2.70	Riverine	Lancaster	Lancaster	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000330	3.16	Riverine	Lancaster	Lancaster	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000331	2.70	Riverine	Lancaster	Lancaster	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000332	8.19	Riverine	Lancaster	Lancaster	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000333	8.19	Riverine	Lancaster	Lancaster	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000334	8.19	Riverine	Lancaster	Lancaster	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000335	Ten Mile Creek at Nokomis Road	Evaluate bridge improvements for Nokomis Road over Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050305	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River, Middle Red Oak Creek	Project Planning
031000336	Ten Mile Creek at Old Red Oak Road	Evaluate bridge improvements for Road over Ten Mile Creek at Old Red	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050305	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River, Middle Red Oak Creek	Project Planning
031000337	Ten Mile Creek at SH 342	Evaluate bridge improvements for SH 342 over Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050305	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River, Middle Red Oak Creek	Project Planning
031000338	Cottonwood Creek of Ten Mile Creek at Goode Road	Evaluate bridge improvements for Goode Road over Cottonwood Creek of Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning
031000339	Cottonwood Creek of Ten Mile Creek at IH 45	Evaluate bridge improvements for IH 45 over Cottonwood Creek of Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning
031000340	Cottonwood Creek of Ten Mile Creek at IH 45 Northbound Service Road	Evaluate bridge improvements for IH 45 Northbound Service Road over Cottonwood Creek of Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning
031000341	Cottonwood Creek of Ten Mile Creek at IH 45 Southbound Service Road	Evaluate bridge improvements for IH 45 Southbound Service Road over Cottonwood Creek of Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning
031000342	Cottonwood Creek of Ten Mile Creek at Kissell (College) Road	Evaluate bridge improvements for Kissell (College) Road over Cottonwood Creek of Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning
031000343	Cottonwood Creek of Ten Mile Creek at Millers Ferry Road	Evaluate bridge improvements for Millers Ferry Road over Cottonwood Creek of Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000335	3.03	Riverine	Lancaster	Lancaster	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000336	3.03	Riverine	Lancaster	Lancaster	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000337	3.03	Riverine	Lancaster	Lancaster	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000338	2.96	Riverine	Wilmer	Wilmer	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000339	2.96	Riverine	Wilmer	Wilmer	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000340	2.96	Riverine	Wilmer	Wilmer	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000341	2.96	Riverine	Wilmer	Wilmer	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000342	5.53	Riverine	Wilmer	Wilmer	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000343	2.96	Riverine	Wilmer	Wilmer	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000344	Cottonwood Creek of Ten Mile Creek at Pleasant Run Road	Evaluate bridge improvements for Pleasant Run Road over Cottonwood Creek of Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning
031000345	Stream 4A1 at Goode Road	Evaluate bridge improvements for Goode Road over Stream 4A1	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River	Project Planning
031000346	Stream 4A5 at Goode Road	Evaluate bridge improvements for Goode Road over Stream 4A5	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning
031000347	Stream 4A5 at IH 45	Evaluate bridge improvements for IH 45 over Stream 4A5	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning
031000348	Ten Mile Creek at Ferris Road	Evaluate bridge improvements for Ferris Road over Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050306, 120301050202, 120301050305, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Middle Red Oak Creek, Lower Red Oak Creek	Project Planning
031000349	Stream 4A4 at Fulghum Road	Evaluate bridge improvements for Fulghum Road over Stream 4A4	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning
031000350	Stream 4A1 at Geller Road	Evaluate bridge improvements for Geller Road over Stream 4A1	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050202, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River	Project Planning
031000351	Ten Mile Creek at Parkinson Road	Evaluate bridge improvements for Parkinson Road over Ten Mile Creek	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Dallas	12030105	120301050306, 120301050202, 120301050305, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Middle Red Oak Creek, Lower Red Oak Creek	Project Planning
031000352	City of Hutchins DMP	Evaluate city and identify future projects.	03000007, 03000008, 03000009, 03000010	Dallas	12030105	120301050202, 120301050108, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning
031000353	City of Seagoville DMP	Evaluate city and identify future projects.	03000007, 03000008, 03000009, 03000010	Dallas	12030106, 12030105	120301050204, 120301060505, 120301060507, 120301050205, 120301050203	Prairie Creek-Trinity River, Hickory Creek-Parsons Slough, Parsons Slough-Trinity River, Mustang Creek-East Fork Trinity River, White House Ridge-East Fork Trinity River	Project Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000344	2.96	Riverine	Wilmer	Wilmer	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000345	3.51	Riverine	Wilmer	Wilmer	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000346	5.53	Riverine	Wilmer	Wilmer	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000347	5.53	Riverine	Wilmer	Wilmer	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000348	16.95	Riverine	Wilmer	Wilmer	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000349	2.96	Riverine	Dallas County	Dallas County	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000350	3.51	Riverine	Dallas County	Dallas County	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000351	16.95	Riverine	Dallas County	Dallas County	N	\$1,032,000	Y	Action aligns with goals and meets TWDB guidance
031000352	9.36	Riverine	Hutchins	Hutchins	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance
031000353	18.94	Riverine	Seagoville	Seagoville	N	\$250,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000354	City of Huntsville DMP	Evaluate city and identify future projects	03000007, 03000008, 03000009, 03000010	Walker	12040103, 12040101, 12030202	120302020805, 120401010202, 120302020802, 120302020801, 120401010102, 120401030302, 120401010104	Crabb Creek-Nelson Creek, Little School Branch-Nelson Creek, Harmon Creek	Watershed Planning
031000355	City of Weatherford DMP	Evaluate city and identify future projects	03000007, 03000008, 03000009, 03000010	Parker	12060201, 12030102	120301020205, 120602011201, 120301020103, 120301020203, 120301020206, 120301020207, 120301020204	Silver Creek-Lake Worth, Clear Fork Trinity River-Lake Weatherford, Squaw Creek-Clear Fork Trinity River, Underwood Branch-Willow Creek, Brogden Branch-Town Creek, South Fork	Watershed Planning
031000358	City of Irving DMP	Evaluate city and identify future projects	03000007, 03000008, 03000009, 03000010	Dallas	12030103, 12030102, 12030105	120301031006, 120301020706, 120301031005, 120301031004, 120301031007, 120301020701, 120301020705, 120301050101	Silver Creek-Lake Worth, Clear Fork Trinity River-Lake Weatherford, Squaw Creek-Clear Fork Trinity River, Underwood Branch-Willow Creek, Brogden Branch-Town Creek, South Fork	Watershed Planning

TWDB-Required Table 15: Recommended Floodplain Management Evaluations

FME ID	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	RFPG Recommendation (Y/N)	Reason for Recommendation
031000354	13.56	Riverine	Hunstville	Hunstville	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000355	26.15	Riverine	Weatherford	Weatherford	N	\$500,000	Y	Action aligns with goals and meets TWDB guidance
031000358	67.82	Riverine	Irving	Irving	N	\$1,000,000	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 16: Recommended Flood Mitigation Projects

FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Project Area (sq mi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)
033000007	Spring Meadows Estates Detention Pond Design	Pond redesign and reconstruction to lower normal pool elevation to be below inlets upstream. Increase storage capacity and design outlet works to increase level of service to 100-yr storm event.	03000013, 03000014, 03000031, 03000032	Dallas	12030106	120301060406, 120301060408, 120301060403	Muddy Creek-Lake Ray Hubbard, Brown Branch-Rowlett Creek, Rowlett Creek-Lake Ray Hubbard	Regional Detention	0.65	Riverine
033000008	West Irving Creek Phases 2, 3, and 4	FIF - 13792; The West Irving Creek channel improvements project consists of reconstruction of over 2.5 miles of shallow trapezoidal concrete channel as deeper vertical walled channel to increase capacity and relieve historical flooding issues. The vertical walled channels allow the project to remain within a similar footprint as the existing channel to minimize easement needs and impacts to private properties while meeting the flood carrying capacity goals of the project. The channel improvements will also require the reconstruction of 15 road crossings and several miles of wastewater main. In conjunction with the channel improvements upstream detention improvements will be made as well as the implementation of water quality ponds to reduce pollutant load in the channel and to provide amenity to the adjoining neighborhoods.	03000007, 03000008, 03000021, 03000022, 03000027, 03000028, 03000031, 03000032	Dallas	12030102	120301020706	Delaware Creek-West Fork Trinity River	Infrastructure (channels, ditches, ponds, pipes, etc.)	0.67	Riverine
033000016	Arlington VC(A)-1 Drainage and Erosion Improvements	Arlington VC(A)-1 Drainage and Erosion Improvements; unfunded FIF #13646 This project includes improving the drainage in a residential area with an undersized bridge and severe erosion issues.	03000007, 03000008, 03000009, 03000010, 03000031, 03000032	Tarrant	12030102	120301020506, 120301020405	Rush Creek-Village Creek, Walker Branch-West Fork Trinity River	Infrastructure (channels, ditches, ponds, pipes, etc.)	1.27	Riverine
033000030	Lancaster/Foch Area Mitigation	To decrease the flooding depths near the Norwood/Bledsoe/Crockett intersections, a storm drain alternative was developed. The storm drain system would run along Foch Street and then through Trinity Park to the river.	03000013, 03000014, 03000031, 03000032	Tarrant	12030102	120301020105, 120301020307	Farmers Branch-West Fork Trinity River, Lake Como-Clear Fork Trinity River	Infrastructure (channels, ditches, ponds, pipes, etc.)	0.16	Riverine
033000031	Linwood Park Flood Mitigation (University Drive)	To mitigate the flooding depths in the Linwood Park area, a storm drain would outfall to the West Fork Trinity River.	03000013, 03000014, 03000017, 03000018, 03000031, 03000032	Tarrant	12030102	120301020105, 120301020307	Farmers Branch-West Fork Trinity River, Lake Como-Clear Fork Trinity River	Infrastructure (channels, ditches, ponds, pipes, etc.)	1.09	Riverine
033000033	Sunnyvale Urban Flooding Reduction Improvements - Area 1	Proposed alternatives to reduce roadway overtopping's during the 100-year ultimate storm such as culvert and ditch improvements.	03000013, 03000014, 03000031, 03000032	Dallas	12030106	120301060501, 120301060503	Duck Creek, North Mesquite Creek-East Fork Trinity River	Infrastructure (channels, ditches, ponds, pipes, etc.)	0.53	Riverine
033000036	Sunnyvale Urban Flooding Reduction Improvements - Area 2	Proposed alternatives to reduce roadway overtopping's during the 100-year ultimate storm such as culvert, ditch and storm drain improvements.	03000013, 03000014, 03000031, 03000032	Dallas	12030106	120301060503	North Mesquite Creek-East Fork Trinity River	Infrastructure (channels, ditches, ponds, pipes, etc.)	0.54	Riverine

TWDB-Required Table 16: Recommended Flood Mitigation Projects

FMP ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources	Cost/ Structure Removed	Percent Nature based Solution (by cost)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)	BCR	Social Vulnerability Index (SVI)	RFPG Recommendation (Y/N)	Reason for Recommendation
033000007	Sachse	Sachse	N	\$1,868,000	State, Local	\$208,000	0%	N	N	N	0.4	0.15	Y	Action aligns with goals and meets TWDB guidance
033000008	Irving	Irving	N	\$98,746,000	State, Local	\$455,000	0%	N	N	N	0.1	0.78	Y	Action aligns with goals and meets TWDB guidance
033000016	Arlington	Arlington	N	\$2,601,000	State, Local	\$40,000	15%	N	Y	N	0.1	0.65	Y	Action aligns with goals and meets TWDB guidance
033000030	Fort Worth	Fort Worth	N	\$11,771,000	State, Local	\$5,885,000	0%	N	Y	N	0.1	0.06	Y	Action aligns with goals and meets TWDB guidance
033000031	Fort Worth	Fort Worth	N	\$50,523,000	State, Local	\$16,841,000	0%	N	Y	N	0.1	0.17	Y	Action aligns with goals and meets TWDB guidance
033000033	Sunnyvale	Sunnyvale	N	\$4,560,000	State, Local	\$304,000	0%	N	Y	N	0.1	0.24	Y	Action aligns with goals and meets TWDB guidance
033000036	Sunnyvale	Sunnyvale	N	\$5,701,000	State, Local	\$178,000	0%	N	Y	N	0.1	0.24	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 17: Recommended Flood Management Strategies

FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)
032000001	Lavon Warning System	Expand the Early Warning Sirens and Local Warning System to notify new populations of impending severe weather or imminent hazards to reduce the loss of life and mitigate the effects of the hazards	03000001, 03000002	Collin	12030106	120301060401, 120301060307	Price Creek-Lavon Lake, Camp Creek-Lake Ray Hubbard	Flood Measurement and Warning	3.03	Riverine
032000002	Lindsay Flood Warning and Public Safety Improvements	Citywide "reverse 911" to enable local emergency officials to notify emergency information pertaining to flood advisories, flood warnings, and flood evacuations.	03000001, 03000002	Cooke	12030103, 11130201	120301030403, 120301030106, 111302010707	Montague Creek-Elm Fork Trinity River, Scott Creek-Elm Fork Trinity River	Flood Measurement and Warning	2.20	Riverine
032000003	Addition of Low Water Crossing Signs and Gates - City of Irving	Identify and add low water crossing signs and gates to low water crossing areas as described in The Road to The Future Report.	03000001, 03000002, 03000003, 03000004	Dallas	12030103, 12030102, 12030105	120301031006, 120301020706, 120301031005, 120301031004, 120301031007, 120301020701, 120301020705, 120301050101	Big Bear Creek, Little Bear Creek, Estelle Creek-Bear Creek, Headwaters Walker Branch, Hurricane Creek-West Fork Trinity River	Flood Measurement and Warning	67.72	Riverine
032000004	Richardson Flood Warning and Public Safety Improvements	Monitor streams and waterways for potential flooding problems including installation of gauges, sensors, and precipitation measuring sites.	03000001, 03000002	Dallas	12030106, 12030105	120301060406, 120301060407, 120301050105, 120301050104, 120301060501, 120301060403	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, Muddy Creek-Lake Ray Hubbard, Pittman Creek-Spring Creek, Brown Branch-Rowlett Creek, Duck Creek	Flood Measurement and Warning	28.57	Riverine
032000005	Timber Creek Flood Warning System Installation	Purchase and Install Flood Warning Systems in Key Areas Along Timber Creek	03000001, 03000002	Denton	12030103	120301031002	Timber Creek	Flood Measurement and Warning	3.23	Riverine
032000006	Houston County Stream and Rain Gauge Installation	Install stream and rain gauges in flood prone areas and waterways as part of new alert notification system	03000001, 03000002	Houston	12020002, 12030201, 12020001, 12030202	120301030403, 120301030106, 111302010707	Montague Creek-Elm Fork Trinity River, Scott Creek-Elm Fork Trinity River	Flood Measurement and Warning	1,231.69	Riverine
032000007	Hunt County Flood Warning and Public Safety	Adopt and Promote the program of "Turn Around Don't Drown Campaign." Implement early warning program.	03000001, 03000002, 03000003, 03000004	Hunt	12030106, 11140301, 12030107, 12010003, 12010001	120301030403, 120301030106, 111302010707	Bear Creek-Indian Creek, Arnold Creek, High Point Creek	Flood Measurement and Warning	879.30	Riverine
032000008	City of Kemp Siren Notification System	Install siren notification system for disasters, including dam failure of Kemp Lake Dam	03000001, 03000002	Kaufman	12030107	120301070206, 120301070302, 120301070110, 120301070111, 120301070303	Lacy Fork-Cedar Creek Reservoir, Little Cottonwood Creek-Kings Creek, Town of Kemp-Cedar Creek Reservoir, Kemp Lake-Cedar Creek, Persimmon Branch-Cedar Creek Reservoir	Flood Measurement and Warning	2.51	Riverine
032000009	Leon County Local Flood Warning System	This action proposes a local flood warning system to reduce the potential impacts of future flood events	03000001, 03000002	Leon	12030201, 12070103, 12030202	120301030403, 120301030106, 111302010707	Bear Creek-Indian Creek, Arnold Creek, High Point Creek	Flood Measurement and Warning	1,076.20	Riverine
032000010	Rockwall County Warning Signs and Flood Control Gates	Install automatic flood warning gates to prevent access into flooded areas. Install warning signs and flood control	03000001, 03000002, 03000003, 03000004	Rockwall	12030106, 12030107, 12010001	120301060409, 120301060402, 120301060502, 120301060401, 120100010301, 120301070101, 120301060403, 120301070102, 120100010302	Cottonwood Creek-East Fork Trinity River, Muddy Creek-Lake Ray Hubbard, Camp Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Long Branch-Buffalo Creek, Upper Big Brushy Creek, High Point Creek	Flood Measurement and Warning	148.04	Riverine
032000011	Chambers Creek Stream Flow Monitoring System	Implement a Stream Flow Monitoring system that will allow for historical tracking and constant monitoring of water levels to assist with early warnings to residents	03000001, 03000002	Tarrant	12030102	120301020403	Village Creek-Lake Arlington	Flood Measurement and Warning	1.75	Riverine

TWDB-Required Table 17: Recommended Flood Management Strategies

FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Cost/ Structure Removed	Consideration of Nature based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)	RFPG Recommendation (Y/N)	Reason for Recommendation
032000001	Lavon	Lavon	N	\$250,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000002	Lindsay	Lindsay	N	\$250,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000003	Irving	Irving	N	\$250,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000004	Richardson	Richardson	N	\$250,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000005	Lewisville	Lewisville	N	\$250,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000006	Houston County	Houston County	N	\$250,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000007	Hunt County	Hunt County	N	\$250,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000008	Kemp	Kemp	N	\$250,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000009	Leon County	Leon County	N	\$250,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000010	Rockwall County	Rockwall County	N	\$250,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000011	Everman	Everman	N	\$250,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 17: Recommended Flood Management Strategies

FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)
032000012	Creek Level Monitoring Systems and Weather Stations Installation	Install creek level monitoring systems and weather stations	03000001, 03000002	Tarrant	12030102	120301020603, 120301020601, 120301020604, 120301020605, 120301020405	Rush Creek-Village Creek, Headwaters Mountain Creek, Low Branch-Mountain Creek, King Branch-Walnut Creek, Lynn Creek-Walnut Creek	Flood Measurement and Warning	36.49	Riverine
032000013	Dalworthington Flood Warning System	Purchase and install a technological based high water detection system for low water crossings to mitigate the hazards when the location floods	03000001, 03000002, 03000003, 03000004	Tarrant	12030102	120301020405	Rush Creek-Village Creek	Flood Measurement and Warning	1.83	Riverine
032000014	Colleyville Flood Warning System	Enhance high water warning system by adding automatic gates on the streets that normally flood	03000001, 03000002, 03000003, 03000004	Tarrant	12030102	120301020704, 120301020505, 120301020703	Big Bear Creek, Little Bear Creek, Headwaters Walker Branch	Flood Measurement and Warning	13.17	Riverine
032000015	Haslet Flood Warning System	Install flood warning devices to low water crossing.	03000001, 03000002, 03000003, 03000004	Tarrant	12030104, 12030102	120301040301, 120301040302, 120301020703, 120301020503	Big Bear Creek, Whites Branch-Big Fossil Creek, Headwaters Elizabeth Creek, Henrietta Creek	Flood Measurement and Warning	10.49	Riverine
032000016	Additional Rain/Stream Gauges for 13 locations	West Fork Trinity River at MacArthur Blvd, Bowman Creek at Mirabella Blvd, Cottonwood Creek at Robinson Road, Johnson Creek at Duncan Perry Road, Foster Branch at Seeton Road, Mountain Creek at county road FM 661, Carrier Parkway underneath I-20, Robinson	03000001, 03000002	Dallas	12030102	120301020603, 120301020606, 120301020607, 120301020601, 120301020706, 120301020701, 120301020702, 120301020705, 120301020605, 120301020602	Big Bear Creek, Whites Branch-Big Fossil Creek, Headwaters Elizabeth Creek, Henrietta Creek	Flood Measurement and Warning	80.96	Riverine
032000017	Additional Low Water Crossing Flashing Lights and Automated Gates	Duncan Perry Road between Ave K and Sherwood Drive, Riverside Pkwy LWC (lights already in place need gates added), SW 3rd from Phillips Ct to Dickey Road (gates being added in September 2021)	03000003, 03000004	Dallas	12030102	120301020603, 120301020606, 120301020607, 120301020601, 120301020706, 120301020701, 120301020702, 120301020705, 120301020605, 120301020602	Big Bear Creek, Whites Branch-Big Fossil Creek, Headwaters Elizabeth Creek, Henrietta Creek	Flood Measurement and Warning	80.96	Riverine
032000018	Grayson County Flood Warning and Public Safety Improvements	Create improved gauge notification system. Increased Public Awareness prior to occurrences and during flooding.	03000001, 03000002	Grayson	12030106, 11140101, 12030103, 11130210	120301020603, 120301020601, 120301020604, 120301020605, 120301020405	Rush Creek-Village Creek, Headwaters Mountain Creek, Low Branch-Mountain Creek, King Branch-Walnut Creek, Lynn Creek-Walnut Creek	Flood Measurement and Warning	976.48	Riverine
032000019	Dallas County Floodplain Management	Manage the Floodplain beyond the minimum requirements. This action will include developing an incentive program for building above the required freeboard minimum	03000005, 03000006	Dallas	12030106, 12030103, 12030109, 12030104, 12030102, 12030105	120301030402, 120301030404	Lower Spring Creek, Pecan Creek-Elm Fork Trinity River	Regulatory and Guidance	904.72	Riverine
032000020	Anderson County Structure Permitting Requirement Update	Increase freeboard requirements for permitting structures in the SFHA; Adopt a "no-rise" in BFE in the 100-year floodplain; Update local flood ordinance to prohibit granting of variance in SFHA	03000011, 03000012, 03000025, 03000026	Anderson	12030201, 12030105, 12020001			Regulatory and Guidance	1,073.46	Riverine

TWDB-Required Table 17: Recommended Flood Management Strategies

FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Cost/ Structure Removed	Consideration of Nature based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)	RFPG Recommendation (Y/N)	Reason for Recommendation
032000012	Mansfield	Mansfield	N	\$250,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000013	Dalworthington Gardens	Dalworthington Gardens	N	\$300,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000014	Colleyville	Colleyville	N	\$250,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000015	Haslet	Haslet	N	\$250,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000016	Grand Prairie	Grand Prairie	N	\$250,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000017	Grand Prairie	Grand Prairie	N	\$250,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000018	Grayson County	Grayson County	N	\$250,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000019	Dallas County	Dallas County	N	\$1,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000020	Anderson County	Anderson County	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 17: Recommended Flood Management Strategies

FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)
032000022	Flood Protection Ordinance Updates	Develop and Implement a City and Town flood protection ordinance	03000005, 03000006	Denton	12030103	120301030905, 120301030705, 120301030904, 120301030906, 120301030902, 120301031003, 120301030703, 120301031001, 120301030805, 120301030903	Rush Creek-Village Creek, Headwaters Mountain Creek, Low Branch-Mountain Creek, King Branch-Walnut Creek, Lynn Creek-Walnut Creek	Regulatory and Guidance	56.44	Riverine
032000023	Hill County Flooding Regulations Update	Catalog, evaluate, and update any floodplain regulations within the City to comply with the latest FEMA regulations.	03000011, 03000012, 03000025, 03000026	Hill	12030109, 12070103, 12030108, 12060202	120301080108, 120301080106	Headwaters Ash Creek, Bynum Creek	Regulatory and Guidance	981.88	Riverine
032000024	Freestone County Flood Damage Prevention Ordinance	Develop and Implement a Flood Damage Prevention Ordinance	03000011, 03000012, 03000025, 03000026	Freestone	12030201, 12070103, 12030105, 12030108	120301030402, 120301030404	Lower Spring Creek, Pecan Creek-Elm Fork Trinity River	Regulatory and Guidance	888.16	Riverine
032000025	Caney City Floodproofing Ordinances	Implement ordinances to ensure new housing developments meet current floodproofing, as well as ensure that critical facilities owned by jurisdiction are protected from flood.	03000025, 03000026	Henderson	12030107	120301070307, 120301070309	Clear Creek-Cedar Creek Reservoir, Caney Creek-Cedar Creek Reservoir	Regulatory and Guidance	1.12	Riverine
032000026	Leon County Floodplain Construction Restrictions Re-Evaluation	This action proposes a re-evaluation of all existing floodplain construction restrictions to identify strengths and weaknesses in order to reduce future damages during flood events	03000025, 03000026	Leon	12030201, 12070103, 12030202	120301070307, 120301070309	Clear Creek-Cedar Creek Reservoir, Caney Creek-Cedar Creek Reservoir	Regulatory and Guidance	1,075.85	Riverine
032000027	Rockwall County Flood Prevention Ordinance	Update Flood Prevention ordinance, adopting a "no-rise" in Base Flood Elevation in the 100-year floodplain	03000011, 03000012, 03000025, 03000026	Rockwall	12030106, 12030107, 12010001	120301060409, 120301060402, 120301060502, 120301060401, 120100010301, 120301070101, 120301060403, 120301070102, 120100010302	Cottonwood Creek-East Fork Trinity River, Muddy Creek-Lake Ray Hubbard, Camp Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Long Branch-Buffalo Creek, Upper Big Brushy Creek, High Point Creek	Regulatory and Guidance	148.04	Riverine
032000028	San Jacinto County Ordinance to Control Location of Development	Strengthen ordinance(s)/code(s) to control location of development, especially in low lying flood hazard areas	03000021, 03000022, 03000025, 03000026	San Jacinto	12040103, 12030202	120302021104, 120302021105, 120401030307, 120302021207, 120302021201	McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Little Creek-Big Creek, Big Creek-Trinity River	Regulatory and Guidance	9.54	Riverine
032000029	Montague County Floodplain Policy Update	Increase freeboard requirements for permitting structures in the SFHA; Update local flood ordinance to prohibit granting of variance in SFHA	03000011, 03000012, 03000021, 03000022, 03000025, 03000026	Montague	12030103, 12030104, 12030101, 11130209, 11130201	120302021104, 120302021105, 120401030307, 120302021207, 120302021201	McGee Creek-Lake Livingston, Wolf Creek-Lake Livingston, Little Creek-Big Creek, Big Creek-Trinity River	Regulatory and Guidance	933.20	Riverine
032000030	Town of Westlake's Floodplain Mitigation Ordinances Review	Review and enhance the Town of Westlake's floodplain mitigation ordinances and policies as needed	03000025, 03000026	Tarrant	12030104	120301040305	Marshall Branch-Grapevine Lake	Regulatory and Guidance	7.06	Riverine
032000031	Wills Point Structure Permitting Requirement Update	Increase freeboard requirements for permitting structures in the SFHA; Adopt a "no-rise" in BFE in the 100-year floodplain; Update local flood ordinance	03000011, 03000012, 03000025, 03000026	Van Zandt	12030107, 12010001	120301070203, 120100010501	Allen Creek-Cedar Creek	Regulatory and Guidance	1.66	Riverine

TWDB-Required Table 17: Recommended Flood Management Strategies

FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Cost/ Structure Removed	Consideration of Nature based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)	RFPG Recommendation (Y/N)	Reason for Recommendation
032000022	Corinth, Hickory Creek, Lake Dallas, Little Elm, Shady Shores, The Colony	Corinth, Hickory Creek, Lake Dallas, Little Elm, Shady Shores, The Colony	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000023	Hill County	Hill County	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000024	Freestone County	Freestone County	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000025	Caney City	Caney City	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000026	Leon County	Leon County	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000027	Rockwall County	Rockwall County	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000028	San Jacinto County, Shepherd, Coldspring, Point Blank	San Jacinto County, Shepherd, Coldspring, Point Blank	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000029	Montague County	Montague County	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000030	Westlake	Westlake	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000031	Wills Point	Wills Point	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 17: Recommended Flood Management Strategies

FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)
032000033	Valley View Floodplain Regulation Updates	Update local ordinances to include regulation of floodplain so that the community may participate in NFIP program.	03000011, 03000012, 03000025, 03000026	Cooke	12030103	120301030402, 120301030404	Lower Spring Creek, Pecan Creek-Elm Fork Trinity River	Regulatory and Guidance	2.09	Riverine
032000034	City of Sachse Parks Construction Along Low Lying Areas	Establish city parks along low-lying areas	03000021, 03000022, 03000027, 03000028	Dallas	12030106	120301060406, 120301060408, 120301060403	Muddy Creek-Lake Ray Hubbard, Brown Branch-Rowlett Creek, Rowlett Creek-Lake Ray Hubbard	Other	9.88	Riverine
032000035	Carrollton Targeted Flood Remediation	Plan for and establish City-owned stand-by contracts for targeted flood remediation of private homes if authorized by City Administration.	03000013, 03000014, 03000025, 03000026	Dallas	12030103, 12030104, 12030105	120301040307, 120301031002, 120301031005, 120301031004, 120301031003, 120301031001, 120301050103	Prairie Creek-Elm Fork Trinity River, Timber Creek, Indian Creek-Elm Fork Trinity River, Grapevine Creek-Elm Fork Trinity River, Farmers Branch-Elm Fork Trinity River, Cottonwood Branch-Denton Creek, Headwaters White Rock Creek	Property Acquisition and Structural Elevation	37.26	Riverine
032000036	Sunnyvale Floodplain Preservation Program	Restrict future development in high risk areas.	03000025, 03000026	Dallas	12030106	120301060409, 120301060501, 120301060503	Rush Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River	Regulatory and Guidance	16.72	Riverine
032000037	Itasca Zoning Regulations and Land Use Planning Mechanisms	Establish zoning regulations to prohibit residential construction in flood prone areas. Implement strategic land-use planning mechanisms to ensure flood-resistant development occurs in flood-prone areas	03000025, 03000026	Hill	12030109, 12060202	120602020501, 120301090107	Island Creek	Regulatory and Guidance	0.69	Riverine
032000038	Kaufman County Regulation Standards to Protect Open Space Flood-Prone Areas	Conduct program in conjunction with local communities to incorporate regulatory standards to protect open space flood-prone areas	03000021, 03000022, 03000025, 03000026, 03000027, 03000028	Kaufman	12030106, 12030107, 12030105, 12010001	120301030402, 120301030404	Lower Spring Creek, Pecan Creek-Elm Fork Trinity River	Regulatory and Guidance	804.40	Riverine
032000039	Tarrant County Promotion of Open Space and LID	Promote the inclusion of low impact development requirements in local and regional ordinances	03000027, 03000028	Tarrant	12030103, 12030104, 12030101, 12030102	120301020403	Village Creek-Lake Arlington	Regulatory and Guidance	899.55	Riverine
032000041	Dallas County Land Use Program	Continue to develop and maintain special use parks and green belt areas as flooding mitigation strategies & further prohibiting development in the floodplain.	03000021, 03000022, 03000025, 03000026, 03000027, 03000028	Dallas	12030106, 12030105	120301060406, 120301060407, 120301050105, 120301050104, 120301060501, 120301060403	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, Muddy Creek-Lake Ray Hubbard, Pittman Creek-Spring Creek, Brown Branch-Rowlett Creek, Duck Creek	Regulatory and Guidance	28.57	Riverine
032000042	Houston County Maintenance Program	Develop a maintenance program to clear debris from bridges, box culverts, and drainage systems throughout. Implement program to clear debris from flood-prone areas, bridges, drains and culverts to prevent overtopping and backup during flash floods	03000029, 03000030	Houston	12020002, 12030201, 12020001, 12030202	120602020501, 120301090107	Island Creek	Other	1,231.76	Riverine
032000043	Kaufman County Agreement to Monitor High Hazard Dams	Develop a mutual aid agreement with the City of Terrell, City of Kemp, City of Kaufman to monitor High hazard dams with automated monitor to minimize potential dam failure of the structure	03000001, 03000002, 03000025, 03000026	Kaufman	12030106, 12030107, 12030105, 12010001	120301030402, 120301030404	Lower Spring Creek, Pecan Creek-Elm Fork Trinity River	Other	804.43	Riverine

TWDB-Required Table 17: Recommended Flood Management Strategies

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032000033	Valley View	Valley View	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000034	Sachse	Sachse	N	\$1,000,000		N/A	Y	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000035	Carrollton	Carrollton	N	\$5,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000036	Sunnyvale	Sunnyvale	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000037	Itasca	Itasca	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000038	Kaufman County	Kaufman County	N	\$100,000		N/A	Y	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000039	North Central Texas Council of Govt	North Central Texas Council of Govt	N	\$500,000		N/A	Y	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000041	Richardson	Richardson	N	\$100,000		N/A	Y	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000042	Houston County	Houston County	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000043	Kaufman County, Terrell, Kemp, Kaufman	Kaufman County, Terrell, Kemp, Kaufman	N	\$300,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 17: Recommended Flood Management Strategies

FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)
032000044	Rowlett Creek Tributary Maintenance Program	Develop a maintenance program including routine channel maintenance and erosion control for Rowlett Creek Tributary (Stream 2D13). Keep creek and inlets clear of debris and overgrown vegetation.	03000031, 03000032	Dallas	12030106, 12030105	120301060409, 120301060402, 120301060406, 120301060407, 120301050105, 120301060408, 120301060501, 120301060403	White Rock Creek-White Rock Lake, Cottonwood Creek-East Fork Trinity River, Muddy Creek-Lake Ray Hubbard, Pittman Creek-Spring Creek, Brown Branch-Rowlett Creek, Rowlett Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Duck Creek	Other	56.69	Riverine
032000045	Addison-Carrollton Debris Cleaning Program	Develop and implement a program for clearing debris from bridges, drains and culverts.	03000031, 03000032	Dallas	12030103, 12030104, 12030105	120301040307, 120301031002, 120301031005, 120301031004, 120301031003, 120301031001, 120301050104, 120301050103	Prairie Creek-Elm Fork Trinity River, Timber Creek, Indian Creek-Elm Fork Trinity River, Grapevine Creek-Elm Fork Trinity River, Farmers Branch-Elm Fork Trinity River, Cottonwood Branch-Denton Creek, Headwaters White Rock Creek, Floyd Branch-White Rock Creek	Other	41.60	Riverine
032000046	Navarro County Waterways Clearing	Develop a maintenance program to clear waterways of debris and prevent further collection of debris in waterways	03000031, 03000032	Navarro	12030109, 12030108	120301080403, 120301090404, 120301090405, 120301080404, 120301080206, 120301090406	Cedar Creek-Richland Creek, Grape Creek-Richland Creek, Crab Creek, Briar Creek, Elm Creek-Post Oak Creek, Cedar Creek-Chambers Creek	Other	23.90	Riverine
032000047	Weatherford Biannual Dam Inspection Program	Create and implement a biannual inspection program to inspect the city-owned dams to help prevent dam failure	03000033, 03000034	Parker	12060201, 12030102	120301020205, 120602011201, 120301020103, 120301020203, 120301020206, 120301020207, 120301020204	Silver Creek-Lake Worth, Clear Fork Trinity River-Lake Weatherford, Squaw Creek-Clear Fork Trinity River, Underwood Branch-Willow Creek, Brogden Branch-Town Creek, South Fork	Other	26.14	Riverine
032000048	Richland Hills Semi-Annual Levee Inspections	Prepare an inspection program of the levee to look for any maintenance problems or levee failure issues	03000033, 03000034	Tarrant	12030102	120301020506, 120301020505, 120301020503	Whites Branch-Big Fossil Creek, Headwaters Walker Branch, Walker Branch-West Fork Trinity River	Other	3.09	Riverine
032000050	Hazard Hardening Retrofit for Polk County Facilities	Flood-proofing, impact resistant windows, storm shutters, roof straps, structural bracing, low-flow plumbing fixtures, roll-up door reinforcement, grounding systems, surge-protection, data back-up systems, plumbing reinforcement and insulation, heat resistant	03000019, 03000020	Polk	12020002, 12020006, 12020007, 12030202	120302020601, 120302020504	Pine Branch-Larrison Creek, Youngs Creek	Property Acquisition and Structural Elevation	1,112.16	Riverine
032000051	Acquire and Protect Red Oak Creek, Bentle Branch Creek, and Balcones Escarpment	Acquire areas in the floodplain and protect environmentally sensitive areas and convert them into open space land	03000021, 03000022, 03000025, 03000026, 03000027, 03000028	Dallas	12030109, 12030102, 12030105	120301020603, 120301050301, 120301020606, 120301050201, 120301090301	Low Branch-Mountain Creek, Fish Creek-Mountain Creek Lake, Headwaters Tenmile Creek, Headwaters Red Oak Creek, Headwaters Waxahachie Creek	Property Acquisition and Structural Elevation	32.42	Riverine
032000052	Ten Mile Creek Comprehensive Loss Reduction Program	Develop a comprehensive loss reduction program, involving buy outs and relocation in areas along Ten Mile Creek to reduce losses and repetitive damages. Buyout structures that are in the floodplain. Land Acquisition for repetitive loss structures	03000013, 03000014, 03000021, 03000022	Dallas	12030105	120301050107, 120301050201, 120301050202, 120301050108, 120301050305, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Headwaters Fivemile Creek, Fivemile Creek-Trinity River, Headwaters Tenmile Creek, Middle Red Oak Creek	Property Acquisition and Structural Elevation	32.96	Riverine
032000053	Midway Property Acquisition and Elevation Program	Acquire existing homes located in the identified special flood hazard area (the 100-year floodplain).	03000013, 03000014	Madison	12030202	120302020601, 120302020504	Pine Branch-Larrison Creek, Youngs Creek	Property Acquisition and Structural Elevation	1.24	Riverine

TWDB-Required Table 17: Recommended Flood Management Strategies

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032000044	Sachse	Sachse	N	\$250,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000045	Addison, Carrollton	Addison, Carrollton	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000046	Corsicana	Corsicana	N	\$75,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000047	Weatherford	Weatherford	N	\$50,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000048	Richland Hills	Richland Hills	N	\$50,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000050	Polk County, Corrigan, Goodrich, Livingston, Onalaska, Seven Oaks	Polk County, Corrigan, Goodrich, Livingston, Onalaska, Seven Oaks	N	\$30,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000051	Cedar Hill	Cedar Hill	N	\$5,000,000		N/A	Y	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000052	Lancaster	Lancaster	N	\$5,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000053	Midway	Midway	N	\$5,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 17: Recommended Flood Management Strategies

FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)
032000054	Montague County Property Acquisition and Land Preservation Program	Acquire and preserve open space adjacent to floodplain areas.	03000013, 03000014, 03000021, 03000022, 03000027, 03000028	Montague	12030103, 12030104, 12030101, 11130209, 11130201	120301060406, 120301060408, 120301060403	Muddy Creek-Lake Ray Hubbard, Brown Branch-Rowlett Creek, Rowlett Creek-Lake Ray Hubbard	Property Acquisition and Structural Elevation	933.20	Riverine
032000055	Montague County Sewage Treatment Plants and Sewage Lift Stations Flood-Proofing Program	Flood-proof sewage treatment plants in flood hazard / low-lying areas within Region 3. Raise electrical components of sewage lift stations above the Base Flood Elevation (BFE)	03000019, 03000020	Montague	12030103, 12030104, 12030101, 11130209, 11130201	120301060406, 120301060408, 120301060403	Muddy Creek-Lake Ray Hubbard, Brown Branch-Rowlett Creek, Rowlett Creek-Lake Ray Hubbard	Property Acquisition and Structural Elevation	933.20	Riverine
032000056	San Jacinto County Voluntary Property Acquisition & Elevation Program	Pursue voluntary acquisition projects for flood prone properties. Elevate homes in low lying or flood prone areas.	03000013, 03000014	San Jacinto	12030202	120302021207, 120302021201	Little Creek-Big Creek, Big Creek-Trinity River	Property Acquisition and Structural Elevation	6.11	Riverine
032000057	Johnson County Acquisition of Flood Prone Structures	Acquire, relocate, and/or elevate flood prone structures	03000013, 03000014	Johnson	12030109, 12060201, 12030102, 12060202	120301060406, 120301060408, 120301060403	Muddy Creek-Lake Ray Hubbard, Brown Branch-Rowlett Creek, Rowlett Creek-Lake Ray Hubbard	Property Acquisition and Structural Elevation	730.85	Riverine
032000058	Acquisition of Repetitive Loss Properties in the Deep River Plantation Subdivision	Acquire repetitive flood loss properties and properties prone to flooding in the Deep River Plantation Subdivision	03000013, 03000014	Walker	12040103, 12040101, 12030202	120302021207, 120302021201	Little Creek-Big Creek, Big Creek-Trinity River	Property Acquisition and Structural Elevation	797.70	Riverine
032000059	Anderson County Floodplain Acquisition and Preservation Program	Acquire and preserve open spaces adjacent to floodplain areas.	03000013, 03000014, 03000021, 03000022, 03000027, 03000028	Anderson	12030201, 12030105, 12020001			Property Acquisition and Structural Elevation	1,073.46	Riverine
032000060	Collin County Property and Structures Buyout Program	Develop and implement a buyout program for personal properties and structures located in the floodplain	03000013, 03000014	Collin	12030106, 12030103, 12030105, 12010001			Property Acquisition and Structural Elevation	883.17	Riverine
032000061	Cooke County Acquisition of Repetitive Loss and Damaged Properties	Purchase and removal of damaged homes that are located in the floodplain. Buyout of repetitive flood loss properties in the Wilson Court area.	03000013, 03000014	Cooke	12030103, 12030104, 11130210, 11130201			Property Acquisition and Structural Elevation	893.17	Riverine
032000062	Dallas County Acquisition of Flood-Prone and Repetitive Loss Properties	Acquisition / demolition of 46 flood-prone and repetitive loss properties.	03000013, 03000014	Dallas	12030106, 12030103, 12030109, 12030104, 12030102, 12030105	120301030402, 120301030404	Lower Spring Creek, Pecan Creek-Elm Fork Trinity River	Property Acquisition and Structural Elevation	904.72	Riverine
032000063	Grayson County Buyout of Repetitive Flood Properties	Buyout of repetitive flood properties, which includes any structures found to be located in flood areas that aren't incorporated in NFIP areas.	03000013, 03000014	Grayson	12030106, 11140101, 12030103, 11130210	120301060406, 120301060408, 120301060403	Muddy Creek-Lake Ray Hubbard, Brown Branch-Rowlett Creek, Rowlett Creek-Lake Ray Hubbard	Property Acquisition and Structural Elevation	976.48	Riverine
032000064	Terrell Property Acquisition Program	Acquire high risk and repetitive flood-prone structures	03000013, 03000014	Kaufman	12030107	120301070105, 120301070103, 120301070106, 120301070107, 120301070101, 120301070102	Upper Big Brushy Creek, High Point Creek, Middle Big Brushy Creek, Headwaters Kings Creek, Eagans Branch-Kings Creek, Little Brushy Creek-Kings Creek	Property Acquisition and Structural Elevation	25.11	Riverine

TWDB-Required Table 17: Recommended Flood Management Strategies

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032000054	Montague County	Montague County	N	\$5,000,000		N/A	Y	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000055	Montague County	Montague County	N	\$500,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000056	Shepherd, San Jacinto County	Shepherd, San Jacinto County	N	\$5,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000057	Johnson County	Johnson County	N	\$5,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000058	Walker County	Walker County	N	\$5,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000059	Anderson County	Anderson County	N	\$5,000,000		N/A	Y	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000060	Collin County	Collin County	N	\$5,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000061	Cooke County	Cooke County	N	\$5,000,000		\$167,000	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000062	Dallas County	Dallas County	N	\$50,000,000		\$1,087,000	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000063	Grayson County	Grayson County	N	\$5,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000064	Terrell	Terrell	N	\$5,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 17: Recommended Flood Management Strategies

FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)
032000065	Leon County Property Acquisition Program	Acquire any repetitive loss structures located below the high hazard dams and homes located in the floodplain.	03000013, 03000014	Leon	12030201, 12070103, 12030202	120301070105, 120301070103, 120301070106, 120301070107, 120301070101, 120301070102	Upper Big Brushy Creek, High Point Creek, Middle Big Brushy Creek, Headwaters Kings Creek, Eagans Branch-Kings Creek, Little Brushy Creek-Kings Creek	Property Acquisition and Structural Elevation	1,075.85	Riverine
032000067	City of Kennedale Property Acquisition Program - Village Creek	Acquire all private property located within the Village Creek 100-year floodplain in the City of Kennedale	03000013, 03000014	Tarrant	12030102	120301020403, 120301020404, 120301020405	Village Creek-Lake Arlington, Wildcat Branch-Lake Arlington, Rush Creek-Village Creek	Property Acquisition and Structural Elevation	6.65	Riverine
032000068	City of Mansfield Property Acquisition Program	Acquire properties at risk of flooding and permanently remove them from special flood hazard areas.	03000013, 03000014	Tarrant	12030102	120301020603, 120301020601, 120301020604, 120301020605, 120301020405	Rush Creek-Village Creek, Headwaters Mountain Creek, Low Branch-Mountain Creek, King Branch-Walnut Creek, Lynn Creek-Walnut Creek	Property Acquisition and Structural Elevation	36.47	Riverine
032000069	Tarrant County Property Acquisition Program	Create a Buyout Program for Repetitive Loss Properties	03000013, 03000014	Tarrant	12030103, 12030104, 12030101, 12030102	120302020601, 120302020504	Pine Branch-Larrison Creek, Youngs Creek	Property Acquisition and Structural Elevation	899.55	Riverine
032000070	Walker County Voluntary Buyout Program	The county and partnering jurisdictions will begin a voluntary buyout program for insured severe repetitive loss properties that are in the floodplain	03000013, 03000014	Walker	12040103, 12040101, 12030202	120302020601, 120302020504	Pine Branch-Larrison Creek, Youngs Creek	Property Acquisition and Structural Elevation	797.70	Riverine
032000071	Wise County Repetitive Flood Loss Buyout Program	Develop a buyout program for repetitive flood loss areas within the county	03000013, 03000014, 03000021, 03000022	Wise	12030103, 12030104, 12030101, 12030102	120302020601, 120302020504	Pine Branch-Larrison Creek, Youngs Creek	Property Acquisition and Structural Elevation	919.27	Riverine
032000072	City of Chico Property Acquisition Program	City will acquire property and structures in the flood zone along Dry Creek and its tributaries and remove structures to prevent loss of life and property during flooding events.	03000013, 03000014	Wise	12030101	120301010410, 120301010411	Village Creek-West Fork Trinity River, Dry Creek-West Fork Trinity River	Property Acquisition and Structural Elevation	1.52	Riverine
032000073	Town Creek Warren Park Extension (Property Acquisition Program)	Create a buyout program	03000013, 03000014, 03000021, 03000022	Tarrant	12030109, 12030102, 12060202	120301020401, 120602020202, 120301090101, 120301020304, 120301020604, 120301020402	Rock Creek, Quil Miller Creek-Village Creek, Deer Creek-Village Creek, King Branch-Walnut Creek, Headwaters North Fork Chambers Creek	Property Acquisition and Structural Elevation	28.00	Riverine
032000074	City of Hurst Buyout Program	107 total structures across the Lorean, Valley View, and Walker watersheds	03000013, 03000014	Tarrant	12030102	120301020506, 120301020704, 120301020505	Little Bear Creek, Headwaters Walker Branch, Walker Branch-West Fork Trinity River	Property Acquisition and Structural Elevation	9.93	Riverine
032000075	Anderson County Flood Education Program	Coordinate and implement a natural hazards public awareness campaign. Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.	03000003, 03000004, 03000037, 03000038	Anderson	12030201, 12030105, 12020001			Education and Outreach	1,073.39	Riverine
032000077	Cooke County Flood Education and Flood Insurance Public Awareness Program	Education of the public on the importance of Flood Insurance. "Turn Around Don't Drown" campaign.	03000037, 03000038, 03000039, 03000040	Cooke	12030103, 12030104, 11130210, 11130201			Education and Outreach	893.17	Riverine

TWDB-Required Table 17: Recommended Flood Management Strategies

FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Cost/ Structure Removed	Consideration of Nature based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)	RFPG Recommendation (Y/N)	Reason for Recommendation
032000065	Leon County	Leon County	N	\$5,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000067	Kennedale	Kennedale	N	\$5,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000068	Mansfield	Mansfield	N	\$5,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000069	Tarrant County	Tarrant County	N	\$5,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000070	Walker County, New Waverly, Riverside	Walker County, New Waverly, Riverside	N	\$5,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000071	Wise County	Wise County	N	\$5,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000072	Chico	Chico	N	\$5,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000073	Burleson	Burleson	N	\$5,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000074	Hurst	Hurst	N	\$25,000,000		\$234,000	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000075	Anderson County	Anderson County	N	\$50,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000077	Cooke County	Cooke County	N	\$50,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 17: Recommended Flood Management Strategies

FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)
032000078	Glenn Heights-Seagoville-Wilmer Flood Safety Improvements and Education	Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program	03000003, 03000004, 03000037, 03000038	Dallas	12030106, 12030105	120301050301, 120301050204, 120301050202, 120301060505, 120301060507, 120301050205, 120301050305, 120301050203	Deep Branch-Tenmile Creek, Prairie Creek-Trinity River, Hickory Creek-Parsons Slough, Parsons Slough-Trinity River, Headwaters Red Oak Creek, Middle Red Oak Creek, Mustang Creek-East Fork Trinity River, White House Ridge-East Fork Trinity River	Education and Outreach	34.36	Riverine
032000079	Krum "Turn Around, Don't Drown" Campaign	Implement "Turn Around, Don't Drown" campaign.	03000003, 03000004, 03000037, 03000038	Denton	12030103	120301030803, 120301030801	North Hickory Creek, Upper Hickory Creek	Education and Outreach	2.45	Riverine
032000080	Fannin County Flood Safety Education	Education programs such as "Turn around Don't Drown." Work with local newspaper to run flood safety information. Public education via water bills, social media, and webpage to promote flood safety.	03000003, 03000004, 03000037, 03000038	Fannin	12030106, 11140101, 11140301, 11140102	120301030803, 120301030801	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Education and Outreach	896.79	Riverine
032000081	Fannin County Flood Insurance Education	Develop and distribute information about the availability and need for flood insurance. Public awareness of NFIP.	03000037, 03000038, 03000039, 03000040	Fannin	12030106, 11140101, 11140301, 11140102	120301030803, 120301030801	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Education and Outreach	896.79	Riverine
032000082	Grayson County Flood Insurance and Flood Safety Education Program	Educate residents on NFIP program and importance of purchasing flood insurance. Turn Around Don't Drown Campaign. Educate property owners near high hazard dams of potential dam failure. Better inform residents of mitigation activities to implement in h	03000037, 03000038, 03000039, 03000040	Grayson	12030106, 11140101, 12030103, 11130210	120301030803, 120301030801	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Education and Outreach	976.48	Riverine
032000084	Hill County Flooding Education and Outreach Program	Develop a coordinated education, outreach, and training program to inform and educate the public about the dangers of flooding and how to prevent flood damages to property.	03000037, 03000038	Hill	12030109, 12070103, 12030108, 12060202	120301020105	Farmers Branch-West Fork Trinity River	Education and Outreach	981.88	Riverine
032000085	Houston County Flood Insurance and Dam Education Program	Develop and implement NFIP public education program for residents affected by high flood risk areas. Educate the Public on mitigation activities that can help protect their properties in the event of structural failures and extreme flooding.	03000037, 03000038, 03000039, 03000040	Houston	12020002, 12030201, 12020001, 12030202	120301030803, 120301030801	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Education and Outreach	1,231.76	Riverine
032000087	Jack County Flood Education	Implement a flood awareness program by providing FEMA / NFIP materials to mortgage lenders, real estate agents and insurance agents	03000037, 03000038, 03000039, 03000040	Jack	12060201, 12030101	120301030402, 120301030404	Lower Spring Creek, Pecan Creek-Elm Fork Trinity River	Education and Outreach	917.06	Riverine
032000088	Kaufman County Flood Education Program	Conduct countywide outreach to educate residents on flood hazards, mitigation techniques and promote availability of NFIP flood insurance.	03000037, 03000038, 03000039, 03000040	Kaufman	12030106, 12030107, 12030105, 12010001	120301030402, 120301030404	Lower Spring Creek, Pecan Creek-Elm Fork Trinity River	Education and Outreach	804.43	Riverine
032000089	Montague County Flood Education	Implement a flood awareness program by providing FEMA / NFIP materials to mortgage lenders, real estate agents and insurance agents and place them in local libraries.	03000037, 03000038, 03000039, 03000040	Montague	12030103, 12030104, 12030101, 11130209, 11130201	120301030803, 120301030801	Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek	Education and Outreach	933.20	Riverine
032000090	Parker County Flood and Dam Education	Create and implement a community-wide educational campaign to educate residents about the NFIP and dam safety	03000037, 03000038, 03000039, 03000040	Parker	12060201, 12030101, 12030102	120301060406, 120301060407, 120301050105, 120301050104, 120301060501, 120301060403	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, Muddy Creek-Lake Ray Hubbard, Pittman Creek-Spring Creek, Brown Branch-Rowlett Creek, Duck Creek	Education and Outreach	902.95	Riverine

TWDB-Required Table 17: Recommended Flood Management Strategies

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032000078	Glenn Heights, Seagoville, Wilmer	Glenn Heights, Seagoville, Wilmer	N	\$50,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000079	Krum	Krum	N	\$50,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000080	Fannin County	Fannin County	N	\$50,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000081	Fannin County	Fannin County	N	\$50,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000082	Grayson County	Grayson County	N	\$50,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000084	Hill County	Hill County	N	\$50,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000085	Houston County	Houston County	N	\$50,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000087	Jack County	Jack County	N	\$50,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000088	Kaufman County	Kaufman County	N	\$50,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000089	Montague County	Montague County	N	\$50,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000090	Weatherford, Hudson Oaks, Aledo, Parker County	Weatherford, Hudson Oaks, Aledo, Parker County	N	\$50,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 17: Recommended Flood Management Strategies

FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)
032000091	Livingston Flood Damage Mitigation Educational Program	Establish an educational program to teach citizens how to mitigate flood damage to their property	03000037, 03000038	Polk	12030202	120302021005	Choates Creek-Long King Creek	Education and Outreach	8.75	Riverine
032000092	Tarrant County Flood Education	Provide flood risk and mitigation risk mapping materials for property owners in floodplains. Include mitigation techniques	03000037, 03000038	Tarrant	12030102	120301020105	Farmers Branch-West Fork Trinity River	Education and Outreach	2.02	Riverine
032000093	Tarrant County Flood Education Program	Conduct NFIP community workshops to provide information and incentives for property owners to acquire flood insurance.	03000037, 03000038, 03000039, 03000040	Tarrant	12030103, 12030104, 12030101, 12030102	120301040305	Marshall Branch-Grapevine Lake	Education and Outreach	899.55	Riverine
032000094	Van Zandt County Flood Safety Improvements and Education	Educate community on the dangers of low water crossings	03000003, 03000004, 03000037, 03000038	Van Zandt	12030107, 12020001, 12010001	120301060409, 120301060402, 120301060502, 120301060401, 120100010301, 120301070101, 120301060403, 120301070102, 120100010302	Cottonwood Creek-East Fork Trinity River, Muddy Creek-Lake Ray Hubbard, Camp Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Long Branch-Buffalo Creek, Upper Big Brushy Creek, High Point Creek	Education and Outreach	856.15	Riverine
032000095	Walker County Floodplain Regulatory Awareness Public Information Campaign	Rewrite, improve, and implement new local floodplain regulations, to include a public information campaign on regulatory awareness	03000025, 03000026, 03000037, 03000038	Walker	12040103, 12040101, 12030202	120301040305	Marshall Branch-Grapevine Lake	Education and Outreach	797.70	Riverine
032000096	City of Chico NFIP Education Program	Distribute information to downstream property owners educating homeowners about the National Flood Insurance Program.	03000037, 03000038, 03000039, 03000040	Wise	12030101	120301010410, 120301010411	Village Creek-West Fork Trinity River, Dry Creek-West Fork Trinity River	Education and Outreach	1.52	Riverine
032000097	Dallas County Open Space System Program and Dallas Trails Program	Adopt and implement Dallas County Open Space System Program and Dallas Trails Program.	03000021, 03000022, 03000027, 03000028	Dallas	12030106, 12030103, 12030109, 12030104, 12030102, 12030105	120301030402, 120301030404	Lower Spring Creek, Pecan Creek-Elm Fork Trinity River	Other	904.72	Riverine
032000098	Parker County Nature-Based Practices for Flood Control	Implement the use of green infrastructure	03000027, 03000028	Parker	12060201, 12030101, 12030102	120301060406, 120301060407, 120301050105, 120301050104, 120301060501, 120301060403	Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, Muddy Creek-Lake Ray Hubbard, Pittman Creek-Spring Creek, Brown Branch-Rowlett Creek, Duck Creek	Other	902.95	Riverine
032000099	Krugerville waterways stabilization program	Develop waterways stabilization program	03000031, 03000032	Denton	12030103	120301030705, 120301030406, 120301030901, 120301030902, 120301030704	Culp Branch-Elm Fork Trinity River, Pecan Creek, Running Branch-Little Elm Creek, Timber Branch-Lewisville Lake, Pecan Creek-Lewisville Lake	Other	1.33	Riverine
032000100	City of Euless Stream Bank Protection Program	Develop a plan to reduce stream bank erosion impacts due to flooding along specific creeks	03000031, 03000032	Tarrant	12030102	120301020704, 120301020505, 120301020701, 120301020705, 120301020703	Big Bear Creek, Little Bear Creek, Estelle Creek-Bear Creek, Headwaters Walker Branch, Hurricane Creek-West Fork Trinity River	Other	16.14	Riverine
032000101	Lewisville Storm Water Utility Fee	Conduct a study to evaluate the implementation of levying a storm water fee for developers to fund developments to the storm water drainage systems	03000041, 03000042	Denton	12030103, 12030104	120301040307, 120301031002, 120301030906, 120301031003, 120301031001, 120301030805	Lower Hickory Creek, Stewart Creek-Lewisville Lake, Prairie Creek-Elm Fork Trinity River, Timber Creek, Indian Creek-Elm Fork Trinity River, Cottonwood Branch-Denton Creek	Regulatory and Guidance	42.66	Riverine

TWDB-Required Table 17: Recommended Flood Management Strategies

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032000091	Livingston	Livingston	N	\$60,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000092	River Oaks	River Oaks	N	\$65,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000093	Tarrant County	Tarrant County	N	\$50,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000094	Van Zandt County	Van Zandt County	N	\$50,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000095	Walker County	Walker County	N	\$50,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000096	Chico	Chico	N	\$50,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000097	Dallas County	Dallas County	N	\$5,000,000		N/A	Y	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000098	Parker County, Hudson Oaks	Parker County, Hudson Oaks	N	\$500,000		N/A	Y	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000099	Krugerville	Krugerville	N	\$850,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000100	Euless	Euless	N	\$250,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000101	Lewisville	Lewisville	N	\$200,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 17: Recommended Flood Management Strategies

FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)
032000102	City of Retreat NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Navarro	12030109, 12030108	120301080403, 120301080401, 120301090405, 120301080206	Cedar Creek-Richland Creek, Little Pin Oak Creek-Richland Creek, Grape Creek-Richland Creek, Elm Creek-Post Oak Creek	Regulatory and Guidance	4.98	Riverine
032000103	City of Streetman NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Freestone, Navarro	12030201, 12030108	120301080403, 120302010106, 120301080402	Mesquite Creek-Little Pin Oak Creek, Grape Creek-Richland Creek, Sloan Creek-Tehuacana Creek	Regulatory and Guidance	1.58	Riverine
032000104	City of Alma NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Ellis	12030109, 12030105	120301050404, 120301090401	Walker Creek-Village Creek, Cummins Creek	Regulatory and Guidance	5.15	Riverine
032000105	City of Alvord NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Wise	12030101	120301010507, 120301010509	Lower Brushy Creek, Chicken Creek-Big Sandy Creek	Regulatory and Guidance	1.53	Riverine
032000106	City of Angus NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Navarro	12030108	120301080403, 120301080401	Little Pin Oak Creek-Richland Creek, Grape Creek-Richland Creek	Regulatory and Guidance	3.12	Riverine
032000107	City of Bedia NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Grimes	12030202	120302020501, 120302020407	Simes Creek-Bedia Creek, Pine Creek-South Bedia Creek	Regulatory and Guidance	1.14	Riverine
032000108	City of Bynum NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Hill	12030108	120301080108, 120301080106	Headwaters Ash Creek, Bynum Creek	Regulatory and Guidance	0.14	Riverine
032000109	Carl's Corner NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Hill	12030108, 12060202	120301080105, 120602020502, 120301080104	Cottonwood Creek-White Rock Creek, Grove Creek-Pecan Creek	Regulatory and Guidance	1.61	Riverine
032000110	City of Combine NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Dallas, Kaufman	12030106, 12030105	120301060507, 120301050205	Parsons Slough-Trinity River, White House Ridge-East Fork Trinity River	Regulatory and Guidance	7.58	Riverine
032000111	Cayote Flats NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Johnson	12030109, 12060202	120301090101, 120301090106, 120602020204	Headwaters North Fork Chambers Creek, Upper South Fork Chambers Creek	Regulatory and Guidance	1.67	Riverine
032000112	City of Dorchester NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Grayson	12030106, 11140101, 12030103	120301060201, 120301030203, 111401010101	Upper Range Creek, Squirrel Creek-East Fork Trinity River	Regulatory and Guidance	1.40	Riverine
032000113	Draper NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Denton	12030104	120301040304	Denton Creek-Grapevine Lake	Regulatory and Guidance	0.16	Riverine
032000114	City of Emhouse NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Navarro	12030109	120301090404, 120301090402	Briar Creek, Oak Branch-Chambers Creek	Regulatory and Guidance	0.27	Riverine
032000115	City of Eureka NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Navarro	12030109, 12030108	120301090407, 120301080404, 120301090406, 120301080405	Crab Creek, Jones Branch-Richland Creek, Cedar Creek-Chambers Creek, Long Arm Branch-Chambers Creek	Regulatory and Guidance	2.36	Riverine

TWDB-Required Table 17: Recommended Flood Management Strategies

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032000102	Retreat	Retreat	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000103	Streetman	Streetman	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000104	Alma	Alma	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000105	Alvord	Alvord	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000106	Angus	Angus	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000107	Bedias	Bedias	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000108	Bynum	Bynum	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000109	Carl's Corner	Carl's Corner	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000110	Combine	Combine	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000111	Coyote Flats	Coyote Flats	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000112	Dorchester	Dorchester	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000113	Draper	Draper	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000114	Emhouse	Emhouse	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000115	Eureka	Eureka	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 17: Recommended Flood Management Strategies

FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)
032000116	City of Goodlow NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Navarro	12030105	120301050503	Lower Rush Creek	Regulatory and Guidance	1.03	Riverine
032000117	Grays Prairie NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Kaufman	12030107, 12030105	120301050405, 120301050406, 120301070110, 120301070108	Coal Iron Creek-Cottonwood Creek, Headwaters Bois d'Arc Creek, Big Cottonwood Creek-Kings Creek, Little Cottonwood Creek-Kings Creek	Regulatory and Guidance	1.22	Riverine
032000118	City of Hebron NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Denton	12030103	120301031003	Indian Creek-Elm Fork Trinity River	Regulatory and Guidance	0.44	Riverine
032000119	City of Iola NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Grimes	12070103, 12030202	120701030604, 120302020405, 120701030601	North Bedias Creek-Bedias Creek	Regulatory and Guidance	0.33	Riverine
032000120	City of Kirvin NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Freestone	12030201	120302010103, 120302010105	Little Tehuacana Creek-Tehuacana Creek, Lower Caney Creek	Regulatory and Guidance	0.24	Riverine
032000121	City of Latexo NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Houston	12030201	120302010705	Upper Hurricane Bayou	Regulatory and Guidance	0.96	Riverine
032000122	City of Leona NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Leon	12030202	120302020202	Cedar Creek-Boggy Creek	Regulatory and Guidance	1.89	Riverine
032000123	City of Midway NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Madison	12030202	120302020601, 120302020504	Pine Branch-Larrison Creek, Youngs Creek	Regulatory and Guidance	1.24	Riverine
032000124	City of Mustang NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Navarro	12030108	120301080403	Grape Creek-Richland Creek	Regulatory and Guidance	0.13	Riverine
032000125	City of Nevada NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Collin	12030106, 12010001	120301060401, 120301060307, 120100010301	Price Creek-Lavon Lake, Camp Creek-Lake Ray Hubbard	Regulatory and Guidance	1.66	Riverine
032000126	Oak Grove NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Kaufman	12030107	120301070109, 120301070108	Big Cottonwood Creek-Kings Creek, Headwaters Big Cottonwood Creek	Regulatory and Guidance	1.94	Riverine
032000127	Oak Valley NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Navarro	12030108	120301080206	Cedar Creek-Richland Creek	Regulatory and Guidance	1.96	Riverine
032000128	City of Penelope NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Hill	12030108	120301080106	Headwaters Ash Creek	Regulatory and Guidance	1.00	Riverine

TWDB-Required Table 17: Recommended Flood Management Strategies

FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Cost/ Structure Removed	Consideration of Nature based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)	RFPG Recommendation (Y/N)	Reason for Recommendation
032000116	Goodlow	Goodlow	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000117	Grays Prairie	Grays Prairie	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000118	Hebron	Hebron	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000119	Iola	Iola	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000120	Kirvin	Kirvin	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000121	Latexo	Latexo	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000122	Leona	Leona	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000123	Midway	Midway	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000124	Mustang	Mustang	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000125	Nevada	Nevada	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000126	Oak Grove	Oak Grove	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000127	Oak Valley	Oak Valley	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000128	Penelope	Penelope	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 17: Recommended Flood Management Strategies

FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)
032000129	Post Oak Bend NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Kaufman	12030107	120301070106, 120301070107	Eagans Branch-Kings Creek, Little Brushy Creek-Kings Creek	Regulatory and Guidance	2.02	Riverine
032000130	Providence Village NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Denton	12030103	120301030705, 120301030902, 120301030704	Pecan Creek, Running Branch-Little Elm Creek, Pecan Creek-Lewisville Lake	Regulatory and Guidance	1.96	Riverine
032000131	Town of Road Runner NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Cooke	12030103	120301030404	Pecan Creek-Elm Fork Trinity River	Regulatory and Guidance	0.64	Riverine
032000132	City of Rosser NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Kaufman	12030105	120301050402, 120301050405, 120301050403	Old Channel East Fork Trinity River-Trinity River, Smith Creek-Trinity River, Coal Iron Creek-Cottonwood Creek	Regulatory and Guidance	1.93	Riverine
032000133	City of Tehuacana NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Limestone	12030201, 12070103, 12030108	120701030104, 120301080303, 120302010101	Elm Creek, Elm Creek-Tehuacana Creek	Regulatory and Guidance	1.52	Riverine
032000134	City of Dallas Buyout of Repetitive Loss Properties	Develop a buyout program for repetitive loss properties within the city.	03000013, 03000014, 03000021, 03000022, 03000027, 03000028	Dallas	12030106, 12030103, 12030102, 12030105	120301040304	Denton Creek-Grapevine Lake	Property Acquisition and Structural Elevation	383.32	Riverine
032000135	City of Fort Worth HROM Program	Implement a Hazardous Roadway Overtopping Mitigation (HROM) Program to prioritize hazardous roadway overtopping and identify acceptable, affordable, and effective solutions for construction to maximize impact of available funding and reduce risks.	03000013, 03000014, 03000031, 03000032	Tarrant	12030104, 12030101, 12030102	120301040304	Denton Creek-Grapevine Lake	Infrastructure Projects	343.87	Riverine
032000136	City of Lindsay Flood Monitoring System	Install flood monitoring equipment throughout the City of Lindsay.	03000001, 03000002	Cooke	12030103, 11130201	120301030403, 120301030106, 111302010707	Montague Creek-Elm Fork Trinity River, Scott Creek-Elm Fork Trinity River	Flood Measurement and Warning	2.20	Riverine
032000137	Mobile City NFIP Floodplain Ordinance	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	03000011, 03000012, 03000025, 03000026	Rockwall	12030106	120301060401	Camp Creek-Lake Ray Hubbard	Regulatory and Guidance	0.01	Riverine
032000138	City of Fort Worth Open Space Conservation	Acquire open space to preserve floodplains and upland watershed areas.	03000021, 03000022, 03000025, 03000026, 03000027, 03000028	Tarrant	12030104, 12030101, 12030102	120301030404	Pecan Creek-Elm Fork Trinity River	Property Acquisition and Structural Elevation	343.87	Riverine
032000139	City of Burleson Flood Warning and Safety Improvements	Safety improvements at SE Tarrant Ave, N Warren St, SW Johnson Ave, and SE Newton Dr. Safety improvements may include, but are not limited to, high-water warning flashers, staff gauges, flood hazard signs, and additional light fixtures.	03000001, 03000002, 03000003, 03000004	Johnson	12030102	120301020401, 120301020304, 120301020402	Rock Creek, Quil Miller Creek-Village Creek, Deer Creek-Village Creek	Flood Measurement and Warning	10.54	Riverine

TWDB-Required Table 17: Recommended Flood Management Strategies

FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Cost/ Structure Removed	Consideration of Nature based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)	RFPG Recommendation (Y/N)	Reason for Recommendation
032000129	Post Oak Bend	Post Oak Bend	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000130	Providence Village	Providence Village	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000131	Road Runner	Road Runner	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000132	Rosser	Rosser	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000133	Tehuacana	Tehuacana	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000134	Dallas	Dallas	N	\$50,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000135	Fort Worth	Fort Worth	N	\$35,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000136	Lindsay	Lindsay	N	\$250,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000137	Mobile City	Mobile City	N	\$100,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000138	Fort Worth	Fort Worth	N	\$30,000,000		N/A	Y	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000139	Burleson	Burleson	N	\$500,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 17: Recommended Flood Management Strategies

FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)
032000140	City of Grand Prairie CIP Program	Improvement projects throughout the City of Grand Prairie	03000007, 03000008, 03000031, 03000032, 03000035, 03000036	Dallas	12030102	120301020603, 120301020606, 120301020607, 120301020601, 120301020706, 120301020701, 120301020702, 120301020705, 120301020605, 120301020602	Cottonwood Creek-East Fork Trinity River, Muddy Creek-Lake Ray Hubbard, Camp Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Long Branch-Buffalo Creek, Upper Big Brushy Creek, High Point Creek	Infrastructure Projects	80.98	Riverine
032000141	Drainage improvement projects throughout the City of Hurst.	Drainage improvement projects throughout the City of Hurst. One improvement includes a detention pond.	03000007, 03000008, 03000031, 03000032, 03000035, 03000036	Tarrant	12030102	120301020506, 120301020704, 120301020505	Little Bear Creek, Headwaters Walker Branch, Walker Branch-West Fork Trinity River	Infrastructure Projects	9.96	Riverine
032000142	Drainage improvement projects throughout the City of Garland.	Drainage improvement projects throughout the City of Garland. Some alternatives include detention ponds.	03000007, 03000008, 03000031, 03000032, 03000035, 03000036	Dallas	12030106, 12030105	120301060409, 120301060402, 120301060406, 120301060407, 120301050105, 120301060408, 120301060501, 120301060403	White Rock Creek-White Rock Lake, Cottonwood Creek-East Fork Trinity River, Muddy Creek-Lake Ray Hubbard, Pittman Creek-Spring Creek, Brown Branch-Rowlett Creek, Rowlett Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Duck Creek	Infrastructure Projects	56.70	Riverine
032000143	Infrastructure improvements throughout the City of Terrell.	Infrastructure improvements throughout the City of Terrell such as storm drain updates, channel improvements, culvert improvements, railroad crossing upsizing, and street improvements. One improvement includes enhancing a channel with natural grass.	03000007, 03000008, 03000031, 03000032, 03000035, 03000036	Kaufman	12030107	120301070105	Headwaters Kings Creek	Infrastructure Projects	5.16	Riverine

TWDB-Required Table 17: Recommended Flood Management Strategies

FMS ID	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Cost/ Structure Removed	Consideration of Nature based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)	RFPG Recommendation (Y/N)	Reason for Recommendation
032000140	Grand Prairie	Grand Prairie	N	\$243,000,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000141	Hurst	Hurst	N	\$18,000,000		N/A	Y	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000142	Garland	Garland	N	\$105,000,000		N/A	Y	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000143	Terrell	Terrell	N	\$29,000,000		N/A	Y	N	N	N	Y	Action aligns with goals and meets TWDB guidance

TWDB-Required Table 19: Fundy Survey Results

RFPG Number	Sponsor Entity Name	FMS or FMP or FME	FMS FMP FME Name	Regional Plan's Unique FMS/FMP/FME Identification Number	Target Year of Full Implementation	Estimated Costs in Plan			Sponsor Funding			TOTAL
						Non construction Costs	Construction Related Costs	Total Estimated Cost	Anticipated Source of Sponsor Funding (e.g., taxes; general revenue; dedicated revenue incl. fees)	Funding to be Financed by sponsor (Including local, county, or regional mechanisms available but not yet fully utilized)	Other Funding Needed (Including state, deferral and/or other funding)	
03	Athens	FME	City of Athens DMP	031000070	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Bedford	FME	Tributary SB-1: Circle Lane Culvert Improvements	031000265	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Bedford	FME	Sulphur Branch: Circle Lane Culvert Improvements	031000270	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Burleson	FME	Rock Creek Watershed Study	031000290	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Burleson	FME	Walnut Creek Watershed Study	031000291	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Burleson	FME	North Creek Watershed Study	031000292	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Burleson	FME	Quil Miller Creek Watershed Study	031000293	2034	\$265,000	\$0	\$265,000	TBD	10%	90%	100%
03	Burleson	FME	Hurst Creek Watershed Study	031000294	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Burleson	FMS	Town Creek Warren Park Extension (Property Acquisition Program)	032000073	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Burleson	FMS	City of Burleson Flood Warning and Safety Improvements	032000139	2034	\$0	\$500,000	\$500,000	TBD	10%	90%	100%
03	Crockett	FME	City of Crockett DMP	031000074	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Decatur	FME	City of Decatur DMP	031000072	2034	\$250,000	\$0	\$250,000	General Revenue	10%	90%	100%
03	Denton	FME	City of Denton DMP	031000059	2034	\$1,000,000	\$0	\$1,000,000	TBD	10%	90%	100%
03	Garland	FME	Holiday Park North Drainage Study Update	031000098	2034	\$90,000	\$0	\$90,000	TBD	10%	90%	100%
03	Garland	FME	Buhler, Cresthaven, Madewell & Maryland Drainage Study Update	031000099	2034	\$132,000	\$0	\$132,000	TBD	10%	90%	100%
03	Garland	FME	Bellaire Heights Drainage Study Update	031000100	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Country Club Add., Club Hill Est., & Eastern Hills Est. Drainage Study Update	031000101	2034	\$127,000	\$0	\$127,000	TBD	10%	90%	100%
03	Garland	FME	Shorehaven-Garvon-Rosewood Terrace-Garland Heights-Freeman Heights-Range-Cooper-Barger Drainage Study Update	031000102	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Garland	FME	Brentwood Place-Two Worlds-Apollo East Park Village Drainage Study Update	031000103	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Ridgewood Park-Regal Estates-Meadowcreek Square Drainage Study Update	031000104	2034	\$134,000	\$0	\$134,000	TBD	10%	90%	100%
03	Garland	FME	Eastern Meadows-Southlake Estates-Greenbrook-Green Acres-Rosehill Acreage Drainage Study Update	031000105	2034	\$81,000	\$0	\$81,000	TBD	10%	90%	100%
03	Garland	FME	La Prada 7 & 8 Drainage Study Update	031000106	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Gatewood Drainage Study Update	031000107	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Curtis Drive Drainage Study Update	031000108	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%

TWDB-Required Table 19: Fundy Survey Results

RFPG Number	Sponsor Entity Name	FMS or FMP or FME	FMS FMP FME Name	Regional Plan's Unique FMS/FMP/FME Identification Number	Target Year of Full Implementation	Estimated Costs in Plan			Sponsor Funding			TOTAL
						Non construction Costs	Construction Related Costs	Total Estimated Cost	Anticipated Source of Sponsor Funding (e.g., taxes; general revenue dedicated revenue incl. fees)	Funding to be Financed by sponsor (Including local, county, or regional mechanisms available but not yet fully utilized)	Other Funding Needed (Including state, deferral and/or other funding)	
03	Garland	FME	Center Creek Plaza 8 Southgate Estates Drainage Study Update	031000109	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Bluffview Drainage Study Update	031000110	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Garland	FME	Camelot Drainage Study Update	031000111	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Downtown Drainage Study Update	031000112	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Garland	FME	Main & Wilson Streets Drainage Study Update	031000113	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Royal Crest-Meadowview Drainage Study Update	031000114	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Garvon West, Innovation & Kingsley Ind. Park Drainage Study Update	031000115	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Garland	FME	Northlake & Castlewood Drainage Study Update	031000116	2034	\$56,000	\$0	\$56,000	TBD	10%	90%	100%
03	Garland	FME	Legend Drive Drainage Study Update	031000117	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Brazos Drive Drainage Study Update	031000118	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Sweetbriar-Glenrose Alley Drainage Study Update	031000119	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Spring Creek Retaining Walls	031000278	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Garland	FME	Colonel Palm Valley Drainage Improvements	031000279	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Garland	FME	Ashville Drive Drainage Improvements	031000280	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Garland	FME	Freeman Heights Drainage Improvements	031000281	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Garland	FME	Tobin trail Drainage Analysis	031000282	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Garland	FMS	Drainage improvement projects throughout the City of Garland.	032000142	2034	\$0	\$105,000,000	\$105,000,000	TBD	10%	90%	100%
03	Huntsville	FME	City of Huntsville DMP	031000354	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Hutchins	FME	Hutchins Creek at Denton Street	031000307	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	Hutchins Creek at J J Lemmon Street	031000308	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	Hutchins Creek at Main Street	031000309	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	Rawlins Creek at Dowdy Ferry Road	031000310	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	Rawlins Creek at IH 45	031000311	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	Rawlins Creek at Main Street	031000312	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	Stream 4A4 at Goode Road	031000313	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	Stream 4A4 at IH 45	031000314	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	Stream 4B4 at Austin Street	031000315	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	Stream 4B4 at Crestridge Drive	031000316	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	Stream 4B4 at Denton Street	031000317	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	City of Hutchins DMP	031000352	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Liberty	FME	City of Liberty WWTP Levee Study	031000152	2034	\$80,000	\$0	\$80,000	TBD	10%	90%	100%
03	Mont Belvieu	FME	Grand Parkway Culvert Crossing	031000181	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%

TWDB-Required Table 19: Fundy Survey Results

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						Non construction Costs	Construction Related Costs	Total Estimated Cost	Anticipated Source of Sponsor Funding (e.g., taxes; general revenue dedicated revenue incl. fees)	Funding to be Financed by sponsor (Including local, county, or regional mechanisms available but not yet fully utilized)	Other Funding Needed (Including state, deferal and/or other funding)	
03	Mont Belvieu	FME	Cherry Point Gully PER	031000182	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Mont Belvieu	FME	Cotton Bayou PER	031000183	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Plano	FME	City of Plano DMP	031000273	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Waxahachie	FME	City of Waxahachie DMP (Phase 2 Continuation)	031000073	2034	\$752,000	\$0	\$752,000	TBD	10%	90%	100%
03	Addison	FMS	Addison-Carrollton Debris Cleaning Program	032000045	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Alma	FMS	City of Alma NFIP Floodplain Ordinance	032000104	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Alvord	FMS	City of Alvord NFIP Floodplain Ordinance	032000105	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Anderson County	FME	Anderson County FEMA Mapping	031000002	2034	\$1,500,000	\$0	\$1,500,000	TBD	0%	100%	100%
03	Anderson County	FME	Anderson County DMP	031000078	2034	\$500,000	\$0	\$500,000	TBD	0%	100%	100%
03	Anderson County	FMS	Anderson County Structure Permitting Requirement Update	032000020	2034	\$100,000	\$0	\$100,000	TBD	0%	100%	100%
03	Anderson County	FMS	Anderson County Floodplain Acquisition and Preservation Program	032000059	2034	\$0	\$5,000,000	\$5,000,000	TBD	0%	100%	100%
03	Anderson County	FMS	Anderson County Flood Education Program	032000075	2034	\$50,000	\$0	\$50,000	TBD	0%	100%	100%
03	Angus	FMS	City of Angus NFIP Floodplain Ordinance	032000106	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Archer County	FME	Archer County FEMA Mapping	031000001	2034	\$1,254,000	\$0	\$1,254,000	TBD	10%	90%	100%
03	Argyle	FME	City of Argyle DMP	031000056	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Arlington	FMP	Arlington VC(A)-1 Drainage and Erosion Improvements	033000016	2034	\$0	\$2,601,000	\$2,601,000	TBD	10%	90%	100%
03	Aubrey	FME	City of Aubrey DMP	031000055	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Bedias	FMS	City of Bedias NFIP Floodplain Ordinance	032000107	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Bridgeport	FME	Turkey Creek Trail Bridge	031000171	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Bridgeport	FME	Turkey Creek Trail Rebuild	031000172	2034	\$63,000	\$0	\$63,000	TBD	10%	90%	100%
03	Bridgeport	FME	West Bridgeport Creek Channelization and Drainage Project	031000173	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Bynum	FMS	City of Bynum NFIP Floodplain Ordinance	032000108	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Caney City	FMS	Caney City Floodproofing Ordinances	032000025	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Carl's Corner	FMS	Carl's Corner NFIP Floodplain Ordinance	032000109	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Carrollton	FME	Carrollton Flood Warning Barrier System Study	031000137	2034	\$300,000	\$0	\$300,000	TBD	10%	90%	100%

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03	Carrollton	FME	Carrollton Drainage Upgrades	031000141	2034	\$1,000,000	\$0	\$1,000,000	TBD	10%	90%	100%
03	Carrollton	FMS	Carrollton Targeted Flood Remediation	032000035	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Carrollton	FMS	Addison-Carrollton Debris Cleaning Program	032000045	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Cedar Hill	FME	Cedar Hill-DeSoto-Duncanville DMP	031000069	2034	\$1,000,000	\$0	\$1,000,000	TBD	10%	90%	100%
03	Cedar Hill	FMS	Acquire and Protect Red Oak Creek, Bentle Branch Creek, and Balcones Escarpment	032000051	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Chambers County	FME	Chambers County FEMA Mapping	031000003	2034	\$874,000	\$0	\$874,000	TBD	10%	90%	100%
03	Chambers County	FME	Chambers County Dam/Levee Failure Inundation Map Updates	031000039	2034	\$462,000	\$0	\$462,000	TBD	10%	90%	100%
03	Chambers County	FME	Mc Adams Ditch Feasibility Study	031000120	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Chambers County	FME	Hackberry Gully and Cotton Bayou Shelving Study	031000122	2034	\$1,250,000	\$0	\$1,250,000	TBD	10%	90%	100%
03	Chambers County	FME	Whites Bayou/Spring Branch Flood Study	031000283	2034	\$458,000	\$0	\$458,000	TBD	10%	90%	100%
03	Chico	FME	North Weatherford St and Oakwood St Structure Improvements	031000174	2034	\$200,000	\$0	\$200,000	TBD	10%	90%	100%
03	Chico	FMS	City of Chico Property Acquisition Program	032000072	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Chico	FMS	City of Chico NFIP Education Program	032000096	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Clay County	FME	Clay County FEMA Mapping	031000004	2034	\$1,470,000	\$0	\$1,470,000	TBD	10%	90%	100%
03	Cockrell Hill	FME	City of Cockrell Hill DMP	031000054	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Colleyville	FME	City of Colleyville DMP	031000063	2034	\$500,000	\$0	\$500,000	General Revenue	90%	10%	100%
03	Colleyville	FMS	Colleyville Flood Warning System	032000014	2034	\$0	\$250,000	\$250,000	General Revenue	90%	10%	100%
03	Collin County	FME	Collin County FEMA Mapping	031000005	2034	\$1,041,000	\$0	\$1,041,000	TBD	10%	90%	100%
03	Collin County	FME	Collin County Dam Inundation Study	031000038	2034	\$855,000	\$0	\$855,000	TBD	10%	90%	100%
03	Collin County	FME	Collin County Retention Structures Rehabilitation Project	031000123	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Collin County	FME	Collin County flooding hazard/vulnerability assessment	031000274	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Collin County	FMS	Collin County Property and Structures Buyout Program	032000060	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Combine	FMS	City of Combine NFIP Floodplain Ordinance	032000110	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Cooke County	FME	Cooke County FEMA Mapping	031000006	2034	\$1,133,000	\$0	\$1,133,000	TBD	10%	90%	100%
03	Cooke County	FME	Cooke County DMP	031000079	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Cooke County	FME	Cooke County Low-Water Crossing Barriers Evaluation	031000125	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%

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03	Cooke County	FMS	Cooke County Acquisition of Repetitive Loss and Damaged Properties	032000061	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Cooke County	FMS	Cooke County Flood Education and Flood Insurance Public Awareness Program	032000077	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Coppell	FME	Hunterwood Stream Stabilization Project	031000136	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Copper Canyon	FME	Copper Canyon Poindexter Branch Flood Mitigation Plan	031000097	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Corinth	FME	City of Corinth DMP	031000076	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Corinth	FMS	Flood Protection Ordinance Updates	032000022	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Corsicana	FMS	Navarro County Waterways Clearing	032000046	2034	\$75,000	\$0	\$75,000	TBD	10%	90%	100%
03	Coyote Flats	FMS	Cayote Flats NFIP Floodplain Ordinance	032000111	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Dallas	FME	Alta Mesa Branch at Persimmon Road	031000296	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Alta Mesa Branch at Simpson Stuart Road	031000297	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Alta Mesa Branch at Tracy Road	031000298	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Ricketts Branch at Camp Wisdom Road	031000299	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Ricketts Branch at IH 35E Service	031000300	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Runyon Springs Branch at Crouch Road	031000301	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Whites Branch at Langdon Road	031000302	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Wilson Branch at Bonnie View Road	031000303	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Wilson Branch at J J Lemmon Road	031000304	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Wilson Branch at Tioga Street	031000305	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Woody Branch at Loop 12	031000306	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FMS	City of Dallas Buyout of Repetitive Loss Properties	032000134	2034	\$0	\$50,000,000	\$50,000,000	TBD	10%	90%	100%
03	Dallas County	FME	Dallas County Dam Inundation Study	031000040	2034	\$587,000	\$0	\$587,000	TBD	10%	90%	100%
03	Dallas County	FME	Stream 4A4 at Fulghum Road	031000349	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas County	FME	Stream 4A1 at Geller Road	031000350	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas County	FME	Ten Mile Creek at Parkinson Road	031000351	2034	\$1,032,000	\$0	\$1,032,000	TBD	10%	90%	100%
03	Dallas County	FMS	Dallas County Floodplain Management	032000019	2034	\$1,000,000	\$0	\$1,000,000	TBD	10%	90%	100%
03	Dallas County	FMS	Dallas County Acquisition of Flood-Prone and Repetitive Loss Properties	032000062	2034	\$0	\$50,000,000	\$50,000,000	TBD	10%	90%	100%
03	Dallas County	FMS	Dallas County Open Space System Program and Dallas Trails Program	032000097	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Dalworthington Gardens	FMS	Dalworthington Flood Warning System	032000013	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%

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03	Dayton	FME	City of Dayton DMP	031000058	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dayton Lake Estates	FME	County Rd 2331 Re-Routing	031000155	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Denton County	FME	Denton County FEMA Mapping	031000007	2034	\$1,140,000	\$0	\$1,140,000	TBD	10%	90%	100%
03	Denton County	FME	Denton County Dam Inundation Study	031000042	2034	\$613,000	\$0	\$613,000	TBD	10%	90%	100%
03	Denton County	FME	Denton County USDA (NRCS) Dam Studies and Rehabilitation	031000277	2034	\$2,000,000	\$0	\$2,000,000	TBD	10%	90%	100%
03	DeSoto	FME	Cedar Hill-DeSoto-Duncanville DMP	031000069	2034	\$1,000,000	\$0	\$1,000,000	TBD	10%	90%	100%
03	Dish	FME	Town of Dish DMP	031000075	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dorchester	FMS	City of Dorchester NFIP Floodplain Ordinance	032000112	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Draper	FMS	Draper NFIP Floodplain Ordinance	032000113	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Duncanville	FME	Cedar Hill-DeSoto-Duncanville DMP	031000069	2034	\$1,000,000	\$0	\$1,000,000	TBD	10%	90%	100%
03	Ellis County	FME	Ellis County FEMA Mapping	031000008	2034	\$1,182,000	\$0	\$1,182,000	TBD	10%	90%	100%
03	Ellis County	FME	Ellis County Dam Inundation Study	031000043	2034	\$758,000	\$0	\$758,000	TBD	10%	90%	100%
03	Emhouse	FMS	City of Emhouse NFIP Floodplain Ordinance	032000114	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Eules	FMS	City of Eules Stream Bank Protection Program	032000100	2034	\$250,000	\$0	\$250,000	Other	10%	90%	100%
03	Eureka	FMS	City of Eureka NFIP Floodplain Ordinance	032000115	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Everman	FME	City of Everman DMP	031000062	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Everman	FMS	Chambers Creek Stream Flow Monitoring System	032000011	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Fairfield	FME	Fairfield South Bateman Drainage Study	031000272	2034	\$200,000	\$0	\$200,000	TBD	10%	90%	100%
03	Fannin County	FME	Fannin County FEMA Mapping	031000009	2034	\$1,183,000	\$0	\$1,183,000	TBD	10%	90%	100%
03	Fannin County	FME	Fannin County DMP	031000080	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Fannin County	FMS	Fannin County Flood Safety Education	032000080	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Fannin County	FMS	Fannin County Flood Insurance Education	032000081	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Farmers Branch	FME	Farmers Branch Retention Pond Dredging	031000134	2034	\$125,000	\$0	\$125,000	TBD	10%	90%	100%
03	Farmers Branch	FME	Cooks Creek Drainage Infrastructure Improvements	031000140	2034	\$2,000,000	\$0	\$2,000,000	TBD	10%	90%	100%
03	Fate	FMS	City of Fate Floodplain Acquisition and Preservation Program	032000066	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Fort Worth	FME	Comanche Drive Culvert and Retention Wall Construction Feasibility Assessment	031000165	2034	\$60,000	\$0	\$60,000	TBD	10%	90%	100%
03	Fort Worth	FMS	City of Fort Worth HROM Program	032000135	2034	\$0	\$35,000,000	\$35,000,000	TBD	10%	90%	100%
03	Fort Worth	FMS	City of Fort Worth Open Space Conservation	032000138	2034	\$0	\$30,000,000	\$30,000,000	TBD	10%	90%	100%

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03	Fort Worth	FMP	Lancaster/Foch Area Mitigation	033000030	2034	\$0	\$11,771,000	\$11,771,000	TBD	10%	90%	100%
03	Fort Worth	FMP	Linwood Park Flood Mitigation (University Drive)	033000031	2034	\$0	\$50,523,000	\$50,523,000	TBD	10%	90%	100%
03	Freestone County	FME	Freestone County FEMA Mapping	031000010	2034	\$1,201,000	\$0	\$1,201,000	TBD	10%	90%	100%
03	Freestone County	FME	Freestone County DMP	031000081	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Freestone County	FMS	Freestone County Flood Damage Prevention Ordinance	032000024	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Gainesville	FME	Wheeler Creek Channelization Study	031000126	2034	\$125,000	\$0	\$125,000	TBD	10%	90%	100%
03	Gainesville	FME	O'Neal St Low-Water Crossing Automatic Barrier Study	031000129	2034	\$125,000	\$0	\$125,000	TBD	10%	90%	100%
03	Gainesville	FME	Elm Fork Bridge Improvements Assessment	031000130	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Glenn Heights	FMS	Glenn Heights-Seagoville-Wilmer Flood Safety Improvements and Education	032000078	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Goodlow	FMS	City of Goodlow NFIP Floodplain Ordinance	032000116	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Goodrich	FME	Old 35 Sover Sampson Creek Bridge Elevation	031000159	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Goodrich	FME	Pennington Rd Culverts	031000160	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Belt Line Rd (FM1382) at Cottonwood Creek	031000184	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	North Grand Prairie High School Pond Crossing	031000185	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Belt Line Rd at Plattner Creek	031000186	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Small Hill St at Gopher Creek	031000187	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Carrier Parkway at Dalworth Creek	031000188	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	East Tarrant Rd at Gopher Creek	031000189	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	NE 5th St at Gopher Creek	031000190	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Grass-covered Culvert at Dalworth Creek	031000191	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	High School Drive at Gopher Creek	031000192	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Duncan Perry Rd at Johnson Creek	031000193	2034	\$269,000	\$0	\$269,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Great Southwest Parkway at Cottonwood Creek Bridge and Roadway Raising Improvements (Stream Station 104+64)	031000194	2034	\$477,000	\$0	\$477,000	TBD	10%	90%	100%
03	Grand Prairie	FME	West Park Square Rd at Turner Branch	031000195	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Carrier Parkway at Cottonwood Creek and South Fork Cottonwood Creek - Bridges	031000196	2034	\$908,000	\$0	\$908,000	TBD	10%	90%	100%

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03	Grand Prairie	FME	3rd St at Cottonwood Creek and Cottonwood Creek from SW 3rd to FM 1382	031000197	2034	\$637,000	\$0	\$637,000	TBD	10%	90%	100%
03	Grand Prairie	FME	FM 661 at Mountain Creek (Future with Development)	031000198	2034	\$388,000	\$0	\$388,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Green Hollow Drive North and South of Thornbush Drive	031000199	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Carrier Parkway & Egyptian Way	031000200	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	East Pioneer Parkway & SE 14th St	031000201	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Great Southwest Parkway & Pinewood Drive	031000202	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Lake Park Drive and Victoria Drive	031000203	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Regional Detention at Bowie Elementary School	031000204	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Shady Grove Rd - Jones St Storm Drainage Improvements	031000205	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Duncan Perry Rd, Heritage Court and Goodwin Branch	031000206	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Thousand Oaks Court	031000207	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	East Marshall Drive, Santa Cruz Circle & Belt Line Rd	031000208	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	East Main St & NE 14th St	031000209	2034	\$294,000	\$0	\$294,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Marshall Drive from Emerald to SW 3rd	031000210	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Varsity Drive and Christy St from Varsity to Mountain Creek Lake	031000211	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	SE 10th Street and Avion Parkway from Perman South to Culvert Crossing	031000212	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	SW 3rd Street from Dorris North to Concrete Channel	031000213	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Bowles St & Hensley Drive	031000214	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Manana Channel Improvements	031000215	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	South of Bardin Rd and North of Newberry St	031000216	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Cherokee Trace and Choctaw Trace to Clarice	031000217	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Gilbert Rd Drainage Improvements	031000218	2034	\$291,000	\$0	\$291,000	TBD	10%	90%	100%
03	Grand Prairie	FME	27th Street and Graham Street from Rinehart to Channel	031000219	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%

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03	Grand Prairie	FME	East Marshall Drive & Avenue C, East Coral & SE 14th Street and in SE 14th Street & Bogarte Drive	031000220	2034	\$320,000	\$0	\$320,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Lakeview Drive & SE 14th Street	031000221	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	WE Roberts St & SW 16th St	031000222	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Jelmak Rd - Hardrock Rd	031000223	2034	\$255,000	\$0	\$255,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Shady Grove Rd, Gilbert Rd, Wright Blvd	031000224	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Parker Rd - Hardrock Rd	031000225	2034	\$288,000	\$0	\$288,000	TBD	10%	90%	100%
03	Grand Prairie	FME	North Carrier Parkway & Main St to Dalworth Creek Channel	031000226	2034	\$440,000	\$0	\$440,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Pioneer Parkway from Brady to Plattner Creek (TXDOT)	031000227	2034	\$476,000	\$0	\$476,000	TBD	10%	90%	100%
03	Grand Prairie	FME	NW 24th St & NW 23rd St from West Main to Ditch Near Dalworth St and Doreen St	031000228	2034	\$299,000	\$0	\$299,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Detention Basin at St. Michael's Church Vacant Property and Relief Storm Drains in Corn Valley Rd and Neighboring Streets from Santa Anna to Kirby Creek Channel	031000229	2034	\$938,000	\$0	\$938,000	TBD	10%	90%	100%
03	Grand Prairie	FME	River Ridge Boulevard	031000230	2034	\$307,000	\$0	\$307,000	TBD	10%	90%	100%
03	Grand Prairie	FME	East Grand Prairie Rd & 14th Street from Austin to Ditch South of Skyline	031000231	2034	\$427,000	\$0	\$427,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Shady Grove Rd	031000232	2034	\$337,000	\$0	\$337,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Various Streets and Alleys from Dallas Street West of NW 20th Street to Ditch Just South of WE Roberts Street	031000233	2034	\$533,000	\$0	\$533,000	TBD	10%	90%	100%
03	Grand Prairie	FME	South Great Southwest Parkway from Warrior to Kirby Creek Concrete Channel North of Mayfield	031000234	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	South Great Southwest Parkway from North of Forum Drive to Prairie Creek Channel	031000235	2034	\$344,000	\$0	\$344,000	TBD	10%	90%	100%
03	Grand Prairie	FME	South Great Southwest Parkway from Sherman to Cottonwood Creek	031000236	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Arbor Creek Pedestrian Bridge Repair and Channel Bottom Stabilization	031000237	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Gopher Creek Stream Bottom Stabilization	031000238	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Turner Branch Stream Bottom Stabilization	031000239	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%

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03	Grand Prairie	FME	Arbor Creek Channel Bottom Stabilization	031000240	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	North Fork of Cottonwood Creek Stabilization	031000241	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Kirby Creek Channel Lining Replacements	031000242	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Dry Branch Stream Bottom Stabilization	031000243	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Johnson Creek Avenue J Stabilization	031000244	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Garden Branch Stabilization	031000245	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Warrior Creek Stabilization	031000246	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Dalworth Creek Stabilization	031000247	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	South Fork Cottonwood Creek	031000248	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Willis Branch Stabilization	031000249	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Johnson Creek Stabilization	031000250	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Henry Branch Stream Stabilization	031000251	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Plattner Creek Stabilization	031000252	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Prairie Creek Stabilization	031000253	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Stuart Branch Stabilization	031000254	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Swadley Branch Stabilization	031000255	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Mills Branch Stabilization	031000256	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Tarrell Creek Stabilization	031000257	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FMS	City of Grand Prairie CIP Program	032000140	2034	\$0	\$243,000,000	\$243,000,000	TBD	10%	90%	100%
03	Grand Prairie	FMS	Additional Rain/Stream Gauges for 13 locations	032000016	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FMS	Additional Low Water Crossing Flashing Lights and Automated Gates	032000017	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Grapeland	FME	Grapeland Critical Facilities Floodproofing Assessment	031000149	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Grays Prairie	FMS	Grays Prairie NFIP Floodplain Ordinance	032000117	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Grayson County	FME	Grayson County FEMA Mapping	031000011	2034	\$1,228,000	\$0	\$1,228,000	TBD	10%	90%	100%
03	Grayson County	FME	Grayson County Dams Compliance Assessment	031000276	2034	\$1,000,000	\$0	\$1,000,000	TBD	10%	90%	100%
03	Grayson County	FMS	Grayson County Buyout of Repetitive Flood Properties	032000063	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Grayson County	FMS	Grayson County Flood Insurance and Flood Safety Education Program	032000082	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Grayson County	FMS	Grayson County Flood Warning and Public Safety Improvements	032000018	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Grimes County	FME	Grimes County FEMA Mapping	031000012	2034	\$1,334,000	\$0	\$1,334,000	TBD	10%	90%	100%
03	Haltom City	FME	Haltom City DMP	031000064	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Haslet	FMS	Haslet Flood Warning System	032000015	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%

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03	Hebron	FMS	City of Hebron NFIP Floodplain Ordinance	032000118	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Henderson County	FME	Henderson County FEMA Mapping	031000013	2034	\$1,295,000	\$0	\$1,295,000	TBD	10%	90%	100%
03	Hickory Creek	FMS	Flood Protection Ordinance Updates	032000022	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Highland Park	FME	Exall and Wycliffe Dam Maintenance Protocol for Drainage Systems and Flood Control Structures	031000133	2034	\$175,000	\$0	\$175,000	TBD	10%	90%	100%
03	Highland Park	FME	Westside Drive Drainage System and Street Reconstruct Study	031000138	2034	\$700,000	\$0	\$700,000	TBD	10%	90%	100%
03	Hill County	FME	Hill County FEMA Mapping	031000014	2034	\$1,272,000	\$0	\$1,272,000	TBD	10%	90%	100%
03	Hill County	FMS	Hill County Flooding Regulations Update	032000023	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Hill County	FMS	Hill County Flooding Education and Outreach Program	032000084	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Hood County	FME	Hood County FEMA Mapping	031000015	2034	\$539,000	\$0	\$539,000	TBD	10%	90%	100%
03	Houston County	FMS	Houston County Maintenance Program	032000042	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Houston County	FMS	Houston County Stream and Rain Gauge Installation	032000006	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Houston County	FME	Houston County FEMA Mapping	031000016	2034	\$1,809,000	\$0	\$1,809,000	TBD	10%	90%	100%
03	Houston County	FME	Houston County DMP	031000082	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Houston County	FME	Houston County dike for critical facilities	031000148	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Houston County	FME	Houston County Lake Dam Emergency Action Plan	031000275	2034	\$1,000,000	\$0	\$1,000,000	TBD	10%	90%	100%
03	Houston County	FMS	Houston County Flood Insurance and Dam Education Program	032000085	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Hudson Oaks	FME	Headwaters of South Fork Trinity River Tributaries Through Hudson Oaks	031000285	2034	\$164,000	\$0	\$164,000	TBD	10%	90%	100%
03	Hudson Oaks	FME	Headwaters of Clear Fork Trinity River Tributaries Through Hudson Oaks	031000286	2034	\$106,000	\$0	\$106,000	TBD	10%	90%	100%
03	Hunt County	FMS	Hunt County Flood Warning and Public Safety	032000007	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Hunt County	FME	Hunt County FEMA Mapping	031000017	2034	\$1,064,000	\$0	\$1,064,000	TBD	10%	90%	100%
03	Hurst	FME	Calloway Branch Erosion Control Study	031000169	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Hurst	FME	Hurstview Drive Bridge Improvement	031000175	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hurst	FME	Regional Detention at Mayfair Park	031000176	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hurst	FME	TRE & SH-10 Culvert Improvements	031000177	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hurst	FME	Pipeline Road Bridge Improvement	031000178	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%

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03	Hurst	FME	Redbud Drive Bridge Improvement	031000179	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hurst	FME	Northeast Mall Culvert Improvement	031000180	2034	\$582,000	\$0	\$582,000	TBD	10%	90%	100%
03	Hurst	FMS	City of Hurst Buyout Program	032000074	2034	\$0	\$25,000,000	\$25,000,000	TBD	10%	90%	100%
03	Hurst	FMS	Drainage improvement projects throughout the City of Hurst.	032000141	2034	\$0	\$18,000,000	\$18,000,000	TBD	10%	90%	100%
03	Iola	FMS	City of Iola NFIP Floodplain Ordinance	032000119	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Irving	FMP	West Irving Creek Phases 2, 3, and 4	033000008	2034	\$0	\$98,746,000	\$98,746,000	TBD	10%	90%	100%
03	Irving	FMS	Addition of Low Water Crossing Signs and Gates - City of Irving	032000003	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Irving	FME	Irving Levee District Flood Risk Assessment	031000048	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Irving	FME	City of Irving DMP	031000358	2034	\$1,000,000	\$0	\$1,000,000	TBD	10%	90%	100%
03	Itasca	FMS	Itasca Zoning Regulations and Land Use Planning Mechanisms	032000037	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Jack County	FME	Jack County FEMA Mapping	031000018	2034	\$1,122,000	\$0	\$1,122,000	TBD	10%	90%	100%
03	Jack County	FME	Jack County DMP	031000083	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Jack County	FME	Jack County WWTP and Lift Station Flood-Proofing.	031000150	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Jack County	FMS	Jack County Flood Education	032000087	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Johnson County	FME	Johnson County FEMA Mapping	031000019	2034	\$977,000	\$0	\$977,000	TBD	10%	90%	100%
03	Johnson County	FME	Johnson County DMP	031000084	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Johnson County	FME	Johnson County Low Water Crossings - East Side	031000263	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Johnson County	FME	Johnson County Low Water Crossings - West Side	031000264	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Johnson County	FMS	Johnson County Acquisition of Flood Prone Structures	032000057	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Kaufman	FMS	Kaufman County Agreement to Monitor High Hazard Dams	032000043	2034	\$300,000	\$0	\$300,000	TBD	10%	90%	100%
03	Kaufman County	FMS	Kaufman County Agreement to Monitor High Hazard Dams	032000043	2034	\$300,000	\$0	\$300,000	TBD	10%	90%	100%
03	Kaufman County	FME	Kaufman County FEMA Mapping	031000020	2034	\$985,000	\$0	\$985,000	TBD	10%	90%	100%
03	Kaufman County	FME	County Rd 125 Automatic Warning Barricade Installation	031000151	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Kaufman County	FMS	Kaufman County Regulation Standards to Protect Open Space Flood-Prone Areas	032000038	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Kaufman County	FMS	Kaufman County Flood Education Program	032000088	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Keller	FME	City of Keller DMP	031000077	2034	\$500,000	\$0	\$500,000	TBD	100%	0%	100%

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03	Keller	FME	Big Bear Creek, Little Bear Creek, and Marshall Branch Stream Bank Erosion Study	031000168	2034	\$50,000	\$0	\$50,000	TBD	100%	0%	100%
03	Kemp	FMS	Kaufman County Agreement to Monitor High Hazard Dams	032000043	2034	\$300,000	\$0	\$300,000	TBD	10%	90%	100%
03	Kemp	FMS	City of Kemp Siren Notification System	032000008	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Kennedale	FMS	City of Kennedale Property Acquisition Program - Village Creek	032000067	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Kirvin	FMS	City of Kirvin NFIP Floodplain Ordinance	032000120	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Krugerville	FMS	Krugerville waterways stabilization program	032000099	2034	\$850,000	\$0	\$850,000	TBD	10%	90%	100%
03	Krum	FMS	Krum "Turn Around, Don't Drown" Campaign	032000079	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Lake Dallas	FMS	Flood Protection Ordinance Updates	032000022	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Lancaster	FME	Ten Mile Creek Channel Expansion Study	031000135	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Lancaster	FME	Halls Branch at 1st Street	031000318	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Halls Branch at 4th Street	031000319	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Halls Branch at 6th Street	031000320	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Halls Branch at Cedar Street	031000321	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Halls Branch at Main Street	031000322	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Halls Branch at Redbud Lane	031000323	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Keller Branch at Jefferson Street	031000324	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Keller Branch at Main Street	031000325	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Keller Branch at Pleasant Run Road	031000326	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Mill Branch at Houston School Road	031000327	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Mill Branch at Wintergreen Road	031000328	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Stream 3A1 at Ten Mile Road	031000329	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Stream 3A6 at Belt Line Road	031000330	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Ten Mile Creek at Bluegrove Road	031000331	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Ten Mile Creek at Houston School Road	031000332	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Ten Mile Creek at IH 35E Service	031000333	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Ten Mile Creek at IH 35E Service (County Highway 1382)	031000334	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Ten Mile Creek at Nokomis Road	031000335	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Ten Mile Creek at Old Red Oak Road	031000336	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Ten Mile Creek at SH 342	031000337	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FMS	Ten Mile Creek Comprehensive Loss Reduction Program	032000052	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%

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03	Latexo	FMS	City of Latexo NFIP Floodplain Ordinance	032000121	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Lavon	FMS	Lavon Warning System	032000001	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Lavon	FME	City of Lavon DMP	031000050	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Leon County	FMS	Leon County Local Flood Warning System	032000009	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Leon County	FME	Leon County FEMA Mapping	031000021	2034	\$1,503,000	\$0	\$1,503,000	TBD	10%	90%	100%
03	Leon County	FME	Leon County DMP	031000085	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Leon County	FMS	Leon County Floodplain Construction Restrictions Re-Evaluation	032000026	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Leon County	FMS	Leon County Property Acquisition Program	032000065	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Leona	FMS	City of Leona NFIP Floodplain Ordinance	032000122	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Lewisville	FMS	Timber Creek Flood Warning System Installation	032000005	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Lewisville	FMS	Lewisville Storm Water Utility Fee	032000101	2034	\$200,000	\$0	\$200,000	TBD	10%	90%	100%
03	Liberty County	FME	Liberty County FEMA Mapping	031000022	2034	\$1,214,000	\$0	\$1,214,000	TBD	10%	90%	100%
03	Liberty County	FME	Liberty County DMP	031000086	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Liberty County	FME	Liberty County Re-canalization	031000153	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Liberty County	FME	Liberty County Culverts Upgrades	031000154	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Limestone County	FME	Limestone County FEMA Mapping	031000023	2034	\$1,272,000	\$0	\$1,272,000	TBD	10%	90%	100%
03	Lindsay	FMS	Lindsay Flood Warning and Public Safety Improvements	032000002	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Lindsay	FME	Lindsay Waterways Improvements Study	031000128	2034	\$100,000	\$0	\$100,000	Entity Budget/Funds	20%	80%	100%
03	Lindsay	FMS	City of Lindsay Flood Monitoring System	032000136	2034	\$0	\$250,000	\$250,000	Entity Budget/Funds	10%	90%	100%
03	Little Elm	FME	Little Elm Drainage Improvements	031000142	2034	\$1,000,000	\$0	\$1,000,000	TBD	10%	90%	100%
03	Little Elm	FMS	Flood Protection Ordinance Updates	032000022	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Livingston	FMS	Livingston Flood Damage Mitigation Educational Program	032000091	2034	\$60,000	\$0	\$60,000	TBD	10%	90%	100%
03	Madison County	FME	Madison County FEMA Mapping	031000024	2034	\$724,000	\$0	\$724,000	TBD	10%	90%	100%
03	Madison County	FME	Madison County Dam Inundation Study	031000044	2034	\$478,000	\$0	\$478,000	TBD	10%	90%	100%
03	Madisonville	FME	City of Madisonville DMP	031000060	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Malakoff	FME	CR 1400 drainage study	031000145	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Malone	FME	Malone Bridge Improvements	031000146	2034	\$275,000	\$0	\$275,000	TBD	10%	90%	100%

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03	Mansfield	FMS	Creek Level Monitoring Systems and Weather Stations Installation	032000012	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Mansfield	FME	Mansfield Stream Stabilization Study	031000170	2034	\$182,000	\$0	\$182,000	TBD	10%	90%	100%
03	Mansfield	FME	Headwaters of Willow Creek Regulatory Floodplain Determination Study	031000287	2034	\$137,000	\$0	\$137,000	TBD	10%	90%	100%
03	Mansfield	FME	Mountain Creek and Tribs Regulatory Floodplain Determination Study	031000288	2034	\$396,000	\$0	\$396,000	TBD	10%	90%	100%
03	Mansfield	FME	Hogpen Creek and Detention Facilities H&H Modeling Update	031000289	2034	\$115,000	\$0	\$115,000	TBD	10%	90%	100%
03	Mansfield	FMS	City of Mansfield Property Acquisition Program	032000068	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Maypearl	FME	City of Maypearl DMP	031000057	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Midway	FMS	Midway Property Acquisition and Elevation Program	032000053	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Midway	FMS	City of Midway NFIP Floodplain Ordinance	032000123	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Mobile City	FMS	Mobile City NFIP Floodplain Ordinance	032000137	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Montague County	FME	Montague County FEMA Mapping	031000025	2034	\$1,203,000	\$0	\$1,203,000	TBD	10%	90%	100%
03	Montague County	FME	Montague County DMP	031000087	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Montague County	FMS	Montague County Floodplain Policy Update	032000029	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Montague County	FMS	Montague County Property Acquisition and Land Preservation Program	032000054	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Montague County	FMS	Montague County Sewage Treatment Plants and Sewage Lift Stations Flood-Proofing Program	032000055	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Montague County	FMS	Montague County Flood Education	032000089	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Mustang	FMS	City of Mustang NFIP Floodplain Ordinance	032000124	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Navarro County	FME	Navarro County FEMA Mapping	031000026	2034	\$1,482,000	\$0	\$1,482,000	TBD	10%	90%	100%
03	Navarro County	FME	Navarro County Dam Inundation Study	031000045	2034	\$744,000	\$0	\$744,000	TBD	10%	90%	100%
03	Nevada	FMS	City of Nevada NFIP Floodplain Ordinance	032000125	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	North Central Texas Council of Govt	FME	East Fork Trinity HUC-8 - East Fork Trinity and Tributaries Flood Risk Identification	031000036	2034	\$4,582,000	\$0	\$4,582,000	TBD	10%	90%	100%
03	North Central Texas Council of Govt	FME	Denton HUC-8 - Hog Branch Flood Risk Identification	031000037	2034	\$1,115,000	\$0	\$1,115,000	TBD	10%	90%	100%
03	North Central Texas Council of Govt	FMS	Tarrant County Promotion of Open Space and LID	032000039	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%

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03	North Richland Hills	FME	City of North Richland Hills DMP	031000066	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Oak Grove	FMS	Oak Grove NFIP Floodplain Ordinance	032000126	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Oak Valley	FMS	Oak Valley NFIP Floodplain Ordinance	032000127	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Parker County	FME	Parker County FEMA Mapping	031000027	2034	\$1,144,000	\$0	\$1,144,000	TBD	0%	100%	100%
03	Parker County	FME	Parker County Dam Inundation Study	031000046	2034	\$569,000	\$0	\$569,000	TBD	0%	100%	100%
03	Parker County	FME	Parker County DMP	031000088	2034	\$500,000	\$0	\$500,000	TBD	0%	100%	100%
03	Parker County	FMS	Parker County Flood and Dam Education	032000090	2034	\$50,000	\$0	\$50,000	TBD	0%	100%	100%
03	Parker County	FMS	Parker County Nature-Based Practices for Flood Control	032000098	2034	\$0	\$500,000	\$500,000	TBD	0%	100%	100%
03	Penelope	FME	FM 2114 Automated Flood Gate Feasibility Assessment	031000147	2034	\$30,000	\$0	\$30,000	TBD	10%	90%	100%
03	Penelope	FMS	City of Penelope NFIP Floodplain Ordinance	032000128	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Polk County	FME	Polk County FEMA Mapping	031000028	2034	\$1,560,000	\$0	\$1,560,000	TBD	10%	90%	100%
03	Polk County	FME	Polk County DMP	031000089	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Polk County	FME	Polk County Road and Drainage Improvements	031000157	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Polk County	FMS	Hazard Hardening Retrofit for Polk County Facilities	032000050	2034	\$0	\$30,000,000	\$30,000,000	TBD	10%	90%	100%
03	Post Oak Bend	FMS	Post Oak Bend NFIP Floodplain Ordinance	032000129	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Providence Village	FMS	Providence Village NFIP Floodplain Ordinance	032000130	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Retreat	FMS	City of Retreat NFIP Floodplain Ordinance	032000102	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Richardson	FMS	Richardson Flood Warning and Public Safety Improvements	032000004	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Richardson	FMS	Dallas County Land Use Program	032000041	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Richland Hills	FME	Lower Hardisty Storm Drain Improvements	031000167	2034	\$125,000	\$0	\$125,000	TBD	10%	90%	100%
03	Richland Hills	FMS	Richland Hills Semi-Annual Levee Inspections	032000048	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	River Oaks	FME	West Fork of the Trinity River Levee Failure Hydrologic Study	031000049	2034	\$2,000,000	\$0	\$2,000,000	TBD	10%	90%	100%
03	River Oaks	FMS	Tarrant County Flood Education	032000092	2034	\$65,000	\$0	\$65,000	TBD	10%	90%	100%
03	Road Runner	FMS	Town of Road Runner NFIP Floodplain Ordinance	032000131	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Rockwall	FME	City of Rockwall DMP	031000061	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Rockwall County	FMS	Rockwall County Warning Signs and Flood Control Gates	032000010	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Rockwall County	FME	Rockwall County FEMA Mapping	031000029	2034	\$252,000	\$0	\$252,000	TBD	10%	90%	100%

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03	Rockwall County	FMS	Rockwall County Flood Prevention Ordinance	032000027	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Rosser	FMS	City of Rosser NFIP Floodplain Ordinance	032000132	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Rowlett	FME	City of Rowlett DMP	031000052	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Rowlett	FME	Garner Rd, Chiesa Rd, and Wayne Way Storm Drain System Improvements	031000139	2034	\$1,100,000	\$0	\$1,100,000	TBD	10%	90%	100%
03	Sachse	FMP	Spring Meadows Estates Detention Pond Design	033000007	2034	\$0	\$1,868,000	\$1,868,000	TBD	10%	90%	100%
03	Sachse	FMS	City of Sachse Parks Construction Along Low Lying Areas	032000034	2034	\$0	\$1,000,000	\$1,000,000	TBD	10%	90%	100%
03	Sachse	FMS	Rowlett Creek Tributary Maintenance Program	032000044	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Sachse	FME	Merritt Road, Sachse Road, and Willow Lake Improvements	031000095	2034	\$144,000	\$0	\$144,000	TBD	10%	90%	100%
03	Sachse	FME	Jackson Meadows Pond Erosion Control	031000258	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Sachse	FME	Long Branch Channel Improvements (Dewitt to Ingram)	031000259	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	San Jacinto County	FME	San Jacinto County FEMA Mapping	031000030	2034	\$907,000	\$0	\$907,000	TBD	10%	90%	100%
03	San Jacinto County	FME	San Jacinto DMP	031000090	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	San Jacinto County	FME	San Jacinto County Drainage and Conveyance Capacity Improvements	031000162	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	San Jacinto County	FMS	San Jacinto County Ordinance to Control Location of Development	032000028	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	San Jacinto County	FMS	San Jacinto County Voluntary Property Acquisition & Elevation Program	032000056	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Sanger	FME	Sanger Creek Waterways Reconstruction Study	031000144	2034	\$600,000	\$0	\$600,000	TBD	10%	90%	100%
03	Sansom Park	FME	Sansom Park DMP	031000071	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Seagoville	FME	City of Seagoville DMP	031000353	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Seagoville	FMS	Glenn Heights-Seagoville-Wilmer Flood Safety Improvements and Education	032000078	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Seven Oaks	FME	Seven Oaks Drainage Ditches	031000158	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Seven Oaks	FME	Seven Oaks Culvert Installation	031000161	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Shady Shores	FME	Shady Shores Rd Elevation Study	031000143	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Shady Shores	FMS	Flood Protection Ordinance Updates	032000022	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%

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03	Shepherd	FME	Rock Creek Road Improvements	031000163	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Shepherd	FME	Chipmunk Rd Culverts Replacement	031000164	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Southlake	FME	City of Southlake DMP	031000065	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Streetman	FMS	City of Streetman NFIP Floodplain Ordinance	032000103	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Sunnyvale	FME	Lake Ray Hubbard and Duck Creek Tributary Inundation Study	031000041	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Sunnyvale	FMS	Sunnyvale Floodplain Preservation Program	032000036	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Sunnyvale	FMP	Sunnyvale Urban Flooding Reduction Improvements - Area 1	033000033	2034	\$0	\$4,560,000	\$4,560,000	TBD	10%	90%	100%
03	Sunnyvale	FMP	Sunnyvale Urban Flooding Reduction Improvements - Area 2	033000036	2034	\$0	\$5,701,000	\$5,701,000	TBD	10%	90%	100%
03	Tarrant County	FME	Tarrant County Dam Inundation Study	031000047	2034	\$604,000	\$0	\$604,000	TBD	10%	90%	100%
03	Tarrant County	FMS	Tarrant County Property Acquisition Program	032000069	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Tarrant County	FMS	Tarrant County Flood Education Program	032000093	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Tehuacana	FMS	City of Tehuacana NFIP Floodplain Ordinance	032000133	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Terrell	FMS	Kaufman County Agreement to Monitor High Hazard Dams	032000043	2034	\$300,000	\$0	\$300,000	TBD	10%	90%	100%
03	Terrell	FMS	Terrell Property Acquisition Program	032000064	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Terrell	FMS	Infrastructure improvements throughout the City of Terrell.	032000143	2034	\$0	\$29,000,000	\$29,000,000	TBD	10%	90%	100%
03	The Colony	FME	North Colony Blvd. at Powers Street	031000260	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	The Colony	FME	Office Creek Drainage Study	031000261	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	The Colony	FME	Bill Allen Park Erosion Study	031000262	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	The Colony	FMS	Flood Protection Ordinance Updates	032000022	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Trinidad	FME	City of Trinidad DMP	031000068	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Trinity County	FME	Trinity County FEMA Mapping	031000031	2034	\$989,000	\$0	\$989,000	TBD	10%	90%	100%
03	Trinity County	FME	Trinity County DMP	031000091	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Trinity River Authority	FME	Predicted Maximum Probable Inundation Map	031000284	2034	\$2,000,000	\$0	\$2,000,000	General Revenue	20%	80%	100%
03	University Park	FME	University Park DMP	031000051	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	University Park	FME	University Park Storm Water Infrastructure Improvements Study	031000132	2034	\$660,000	\$0	\$660,000	TBD	10%	90%	100%
03	Valley View	FME	Pecan Creek Channelization Study	031000127	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Valley View	FMS	Valley View Floodplain Regulation Updates	032000033	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Van Zandt County	FME	Van Zandt County FEMA Mapping	031000032	2034	\$1,272,000	\$0	\$1,272,000	TBD	10%	90%	100%
03	Van Zandt County	FME	Van Zandt County DMP	031000092	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%

TWDB-Required Table 19: Fundy Survey Results

RFPG Number	Sponsor Entity Name	FMS or FMP or FME	FMS FMP FME Name	Regional Plan's Unique FMS/FMP/FME Identification Number	Target Year of Full Implementation	Estimated Costs in Plan			Sponsor Funding			TOTAL
						Non construction Costs	Construction Related Costs	Total Estimated Cost	Anticipated Source of Sponsor Funding (e.g., taxes; general revenue dedicated revenue incl. fees)	Funding to be Financed by sponsor (Including local, county, or regional mechanisms available but not yet fully utilized)	Other Funding Needed (Including state, deferral and/or other funding)	
03	Van Zandt County	FMS	Van Zandt County Flood Safety Improvements and Education	032000094	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Walker County	FME	Walker County FEMA Mapping	031000033	2034	\$1,276,000	\$0	\$1,276,000	TBD	10%	90%	100%
03	Walker County	FMS	Acquisition of Repetitive Loss Properties in the Deep River Plantation Subdivision	032000058	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Walker County	FMS	Walker County Voluntary Buyout Program	032000070	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Walker County	FMS	Walker County Floodplain Regulatory Awareness Public Information Campaign	032000095	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Weatherford	FMS	Weatherford Biannual Dam Inspection Program	032000047	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Weatherford	FME	City of Weatherford DMP	031000355	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Westlake	FMS	Town of Westlake's Floodplain Mitigation Ordinances Review	032000030	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Wills Point	FMS	Wills Point Structure Permitting Requirement Update	032000031	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Wilmer	FME	City of Wilmer DMP	031000295	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Cottonwood Creek of Ten Mile Creek at Goode Road	031000338	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Cottonwood Creek of Ten Mile Creek at IH 45	031000339	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Cottonwood Creek of Ten Mile Creek at IH 45 Northbound Service Road	031000340	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Cottonwood Creek of Ten Mile Creek at IH 45 Southbound Service Road	031000341	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Cottonwood Creek of Ten Mile Creek at Kissell (College) Road	031000342	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Cottonwood Creek of Ten Mile Creek at Millers Ferry Road	031000343	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Cottonwood Creek of Ten Mile Creek at Pleasant Run Road	031000344	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Stream 4A1 at Goode Road	031000345	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Stream 4A5 at Goode Road	031000346	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Stream 4A5 at IH 45	031000347	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Ten Mile Creek at Ferris Road	031000348	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FMS	Glenn Heights-Seagoville-Wilmer Flood Safety Improvements and Education	032000078	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Wise County	FME	Wise County FEMA Mapping	031000034	2034	\$1,317,000	\$0	\$1,317,000	TBD	10%	90%	100%
03	Wise County	FME	Wise County DMP	031000093	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%

TWDB-Required Table 19: Fundy Survey Results

RFPG Number	Sponsor Entity Name	FMS or FMP or FME	FMS FMP FME Name	Regional Plan's Unique FMS/FMP/FME Identification Number	Target Year of Full Implementation	Estimated Costs in Plan			Sponsor Funding			TOTAL
						Non construction Costs	Construction Related Costs	Total Estimated Cost	Anticipated Source of Sponsor Funding (e.g., taxes; general revenue dedicated revenue incl. fees)	Funding to be Financed by sponsor (Including local, county, or regional mechanisms available but not yet fully utilized)	Other Funding Needed (Including state, deferal and/or other funding)	
03	Wise County	FMS	Wise County Repetitive Flood Loss Buyout Program	032000071	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Young County	FME	Young County FEMA Mapping	031000035	2034	\$1,407,000	\$0	\$1,407,000	TBD	10%	90%	100%

*Assume 10% funding to be financed by local sponsor and 90% other funding needed (state and federal) when there was no sponsor

***Bolded rows indicate a sponsor response.**

General Project Data									
Project Name	FMP	Project Description:	Flood Region	Project Type	FIUP Project Category	Project Watershed	Rural Applicant	Project Cost	Benefit Cost Ratio
Spring Meadows Estates Detention Pond	033000007	Pond redesign and reconstruction in Dallas County	Trinity Region	Regional Detention	Category 2	Rowlett Creek-Lake Ray Hubbard	N	\$3	0.4
West Irving Creek Phases 2, 3, and 4	033000008	Channel reconstruction, detention improvements, and water quality pond implementation in Irving, TX (Dallas County)	Trinity Region	Infrastructure (channels, ditches, ponds, pipes, etc.)	Category 2	Delaware Creek-West Fork Trinity River	N	\$98,746,000	0.1
Arlington VC(A)-1 Drainage and Erosion Improvements	033000016	Drainage and erosion improvements in a Tarrant County residential area	Trinity Region	Infrastructure (channels, ditches, ponds, pipes, etc.)	Category 2	Rush Creek-Village Creek, Walker Branch-West Fork Trinity River	N	\$2,601,000	0.1
Lancaster/Foch Area Mitigation	033000030	Storm drain system construction to decrease flooding depths near the Norwood/Blesdoe/Crockett intersections in Fort Worth, TX (Tarrant County)	Trinity Region	Infrastructure (channels, ditches, ponds, pipes, etc.)	Category 2	Farmers Branch-West Fork Trinity River, Lake Como-Clear Fork Trinity River	N	\$11,771,000	0.1
Linwood Park Flood Mitigation (University Drive)	033000031	Storm drain construction to mitigate flooding depths in Fort Worth, TX (Tarrant County)	Trinity Region	Infrastructure (channels, ditches, ponds, pipes, etc.)	Category 2	Farmers Branch-West Fork Trinity River, Lake Como-Clear Fork Trinity River	N	\$50,523,000	0.1
Sunnyvale Urban Flooding Reduction Improvements - Area 1	033000033	Culvert and ditch improvements in Sunnyvale, TX (Dallas County)	Trinity Region	Infrastructure (channels, ditches, ponds, pipes, etc.)	Category 2	Duck Creek, North Mesquite Creek-East Fork Trinity River	N	\$4,560,000	0.1
Sunnyvale Urban Flooding Reduction Improvements - Area 2	033000036	Culvert and ditch improvements in Sunnyvale, TX (Dallas County)	Trinity Region	Infrastructure (channels, ditches, ponds, pipes, etc.)	Category 2	North Mesquite Creek-East Fork Trinity River	N	\$5,701,000	0.1

Project Name	Cost per Structure Removed	Pre-Project Level-of-Service	Post-Project Level-of-Service	# of Structures in 1% Annual Chance FP (Pre-Project)	Project Status	Score 1: Severity - Pre-Project Average Depth of Flooding (100-year)			Score 1		
						Average Flood Depth (100yr)	Notes	Severity Ranking: Pre-Project Average Depth of Flooding (100-year)	Score 1	Communities Served by Project	Community Population Served
Spring Meadows Estates Detention Pond	\$208,000	<2-year	100-year	9	Planning	0.33		Baseline average flood depth < 0.5ft	2	1	26024
West Irving Creek Phases 2, 3, and 4	\$455,000	2-year	100-year	259	Planning	0.68		Baseline average flood depth > 0.5ft	4	1	245344
Arlington VC(A)-1 Drainage and Erosion Improvements	\$40,000	<2-year	100-year	118	Planning	1.83		Baseline average flood depth > 1ft	6	1	391443
Lancaster/Foch Area Mitigation	\$5,885,000	<1-year	100-year	44	Planning	0.68		Baseline average flood depth > 0.5ft	4	1	899597
Linwood Park Flood Mitigation (University Drive)	\$16,841,000	<1-year	100-year	313	Planning	0.68		Baseline average flood depth > 0.5ft	4	1	899597
Sunnyvale Urban Flooding Reduction Improvements - Area 1	\$304,000	<100-year	100-year	14	Planning	1.50		Baseline average flood depth > 1ft	6	1	6848
Sunnyvale Urban Flooding Reduction Improvements - Area 2	\$178,000	<100-year	100-year	35	Planning	0.08		Baseline average flood depth < 0.5ft	2	1	6848

Score 2: Severity - Community Need (% Population)				Score 3: Flood Risk Reduction				Score 4: Flood Damage			
Project Name	Flood Plain Population	Notes 2	Severity Ranking: Community Need (% Population)	Score 2	# of Structures Removed from 1% Annual Chance FP	Notes 3	Flood Risk Reduction	Score 3	# of Structures with Reduced 1% Annual Chance Flood Risk	Pre-Project Damage \$	Post-Project Damage \$
Spring Meadows Estates Detention Pond	18	0.1%	<25% of project community affected	1	9	100%	Reduced risk to >75% of structures in floodplain	10	9	\$ 397,580	\$0
West Irving Creek Phases 2, 3, and 4	1180	0.5%	<25% of project community affected	1	252	97%	Reduced risk to >75% of structures in floodplain	10	6	\$ 13,816,226	\$0
Arlington VC(A)-1 Drainage and Erosion Improvements	474	0.1%	<25% of project community affected	1	9	8%	Reduced risk to <10% of structures in floodplain	1	29	\$ 9,568,620	\$2,087,803
Lancaster/Foch Area Mitigation	4575	1%	<25% of project community affected	1	10	23%	Reduced risk to <50% of structures in floodplain	4	23	\$ 2,347,158	\$1,582,156
Linwood Park Flood Mitigation (University Drive)	11372	1%	<25% of project community affected	1	204	65%	Reduced risk to <75% of structures in floodplain	7	239	\$ 16,696,829	\$4,815,130
Sunnyvale Urban Flooding Reduction Improvements - Area 1	56	1%	<25% of project community affected	1	14	100%	Reduced risk to >75% of structures in floodplain	10	0	\$ 1,027,670	\$0
Sunnyvale Urban Flooding Reduction Improvements - Area 2	113	2%	<25% of project community affected	1	32	91%	Reduced risk to >75% of structures in floodplain	10	0	\$ 1,316,123	\$0

Image Reduction				Score 5: Critical Facilities Damage Reduction				Score 6: Life and Safety			
Project Name	Notes 4	Flood Damage Reduction	Score 4	# of Critical Facilities Removed from 1% Annual Chance FP	Notes 5	Reduction in Critical Facilities Flood Risk	Score 5	Adjusted Injury Risk (%)	Notes 6	Life and Safety Ranking (Injury/Loss of Life)	Score 6
Spring Meadows Estates Detention Pond	100%	Flood damage reduction >95%	10	0	Project region has recommended >25% of total projects	Reduced risk for 0 structures in floodplain	0	3.7884		Life/injury risk percentage <20%	2
West Irving Creek Phases 2, 3, and 4	100%	Flood damage reduction >95%	10	1	Project region has recommended >25% of total projects	Reduced risk for <10% of critical facilities in floodplain	1	8.806		Life/injury risk percentage <20%	2
Arlington VC(A)-1 Drainage and Erosion Improvements	78%	Flood damage reduction > 75%	8	0	Project region has recommended >25% of total projects	Reduced risk for 0 structures in floodplain	0	33.0043		Life/injury risk percentage >30%	6
Lancaster/Foch Area Mitigation	33%	Flood damage reduction > 25%	4	0	Project region has recommended >25% of total projects	Reduced risk for 0 structures in floodplain	0	14.4256		Life/injury risk percentage <20%	2
Linwood Park Flood Mitigation (University Drive)	71%	Flood damage reduction > 50%	6	0	Project region has recommended >25% of total projects	Reduced risk for 0 structures in floodplain	0	6.664		Life/injury risk percentage <20%	2
Sunnyvale Urban Flooding Reduction Improvements - Area 1	100%	Flood damage reduction >95%	10	1	Project region has recommended >25% of total projects	Reduced risk for <10% of critical facilities in floodplain	1	19.845		Life/injury risk percentage <20%	2
Sunnyvale Urban Flooding Reduction Improvements - Area 2	100%	Flood damage reduction >95%	10	1	Project region has recommended >25% of total projects	Reduced risk for <10% of critical facilities in floodplain	1	1.0808		Life/injury risk percentage <20%	2

Project Name	Score 7: Water Supply						Score 8: Social Vulnerability				% Nature Based Solution by Cost
	Water Supply Benefit in Acre-Feet	SourceID	WMS_ID	Notes 7	Water Supply Yield Ranking	Score 7	SVI Score	Notes 8	Social Vulnerability Ranking	Score 8	
Spring Meadows Estates Detention Pond					No impact on water supply	0	0.15		SVI between 0.01-0.25 (low vulnerability)	1	0%
West Irving Creek Phases 2, 3, and 4					No impact on water supply	0	0.78		SVI between 0.75-1.00 (high vulnerability)	10	0%
Arlington VC(A)-1 Drainage and Erosion Improvements					No impact on water supply	0	0.65		SVI between 0.5-0.75 (moderate to high vulnerability)	7	15%
Lancaster/Foch Area Mitigation					No impact on water supply	0	0.06		SVI between 0.01-0.25 (low vulnerability)	1	0%
Linwood Park Flood Mitigation (University Drive)					No impact on water supply	0	0.17		SVI between 0.01-0.25 (low vulnerability)	1	0%
Sunnyvale Urban Flooding Reduction Improvements - Area 1					No impact on water supply	0	0.24		SVI between 0.01-0.25 (low vulnerability)	1	0%
Sunnyvale Urban Flooding Reduction Improvements - Area 2					No impact on water supply	0	0.24		SVI between 0.01-0.25 (low vulnerability)	1	0%

Score 9: Nature-Based Solution				Score 10: Multiple Benefites				Score 11: O&M			
Project Name	Notes 9	Nature-Based Solutions Ranking	Score 9	Multiple Benefits Description	Notes 10	Multiple Benefit Ranking	Score 10	O&M Cost (Annual)	Notes 11	Operations and Maintenance Ranking	Score 11
Spring Meadows Estates Detention Pond		<25% of the project cost is nature-based	1	None		Project does not deliver any wider benefits	0	\$ 1,854	Assumed 0.1% for O&M cost	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
West Irving Creek Phases 2, 3, and 4		<25% of the project cost is nature-based	1	None		Project does not deliver any wider benefits	0	\$ 104,193	Assumed 0.1% for O&M cost	ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Arlington VC(A)-1 Drainage and Erosion Improvements		<25% of the project cost is nature-based	1	None		Project does not deliver any wider benefits	0	\$ 2,562	Assumed 0.1% for O&M cost	ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Lancaster/Foch Area Mitigation		<25% of the project cost is nature-based	1	None		Project does not deliver any wider benefits	0	\$ 11,082	Assumed 0.1% for O&M cost	ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Linwood Park Flood Mitigation (University Drive)		<25% of the project cost is nature-based	1	None		Project does not deliver any wider benefits	0	\$ 47,566	Assumed 0.1% for O&M cost	ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Sunnyvale Urban Flooding Reduction Improvements - Area 1		<25% of the project cost is nature-based	1	Transportation benefits		Project delivers benefits in only 1 wider benefit category	1	\$ 4,387	Assumed 0.1% for O&M cost	ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Sunnyvale Urban Flooding Reduction Improvements - Area 2		<25% of the project cost is nature-based	1	Transportation benefits		Project delivers benefits in only 1 wider benefit category	1	\$ 5,484	Assumed 0.1% for O&M cost	ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7

Project Name	Score 12: Admin, Regulatory Obstacles		Score 13: Environmental Benefit			Score 14: Environmental Impact			Traffic Count for LWC Project	
	Notes 12	Administrative, Regulatory and Other Obstacle Ranking	Score 12	Notes 13	Environmental Benefit Ranking	Score 13	Notes 14	Environmental Impact Ranking		Score 14
Spring Meadows Estates Detention Pond		Project has a typical number of administrative, regulatory and limitations /	6	Erosion benefits	Project will deliver a low level of environmental benefits (1 category)	3		Blank	0	
West Irving Creek Phases 2, 3, and 4		number of administrative, regulatory and limitations /	2	Erosion and water quality benefits	Project will deliver a moderate level of environmental benefits (2-3 categories)	6		Blank	0	
Arlington VC(A)-1 Drainage and Erosion Improvements		number of administrative, regulatory and limitations /	6	Erosion benefits	Project will deliver a low level of environmental benefits (1 category)	3		Blank	0	
Lancaster/Foch Area Mitigation		number of administrative, regulatory and limitations /	6	None	Project does not provide any environmental benefits	0		Blank	0	
Linwood Park Flood Mitigation (University Drive)		number of administrative, regulatory and limitations /	6	None	Project does not provide any environmental benefits	0		Blank	0	
Sunnyvale Urban Flooding Reduction Improvements - Area 1		number of administrative, regulatory and limitations /	6	Transportation and Erosion benefits	Project will deliver a moderate level of environmental benefits (2-3 categories)	6		Blank	0	
Sunnyvale Urban Flooding Reduction Improvements - Area 2		number of administrative, regulatory and limitations /	6	Transportation and Erosion benefits	Project will deliver a moderate level of environmental benefits (2-3 categories)	6		Blank	0	

Score 15: Mobility				Score 16: Regional		
Project Name	Notes 15	Mobility Ranking	Score 15	Project Count	Regional Ranking	Score 16
Spring Meadows Estates Detention Pond		Project will protect all major access routes in floodplain and all emergency service access. Minor access	7			
West Irving Creek Phases 2, 3, and 4		major and minor access routes in floodplain and emergency service access to EMS, police	10			
Arlington VC(A)-1 Drainage and Erosion Improvements		major and minor access routes in floodplain and emergency service access to EMS, police	10			
Lancaster/Foch Area Mitigation		major and minor access routes in floodplain and emergency service access to EMS, police	10			
Linwood Park Flood Mitigation (University Drive)		major and minor access routes in floodplain and emergency service access to EMS, police	10			
Sunnyvale Urban Flooding Reduction Improvements - Area 1		change to major, minor, or emergency access routes in the project area.	0			
Sunnyvale Urban Flooding Reduction Improvements - Area 2		Project will protect all major access routes in floodplain and all emergency service access. Minor access	7			