

# Flood Mitigation Project (FMP)



Title **Ferguson Park Improvements**

ID# **023000001** Sponsor **City of Texarkana**

RFPG recommend? **Yes** Reason for Recommendation **Reduces flooding risks**

## Project Description

Improvements to existing culverts and channelization

Watershed HUC# (if known) **111402010201,111403020704,11140106060** Emergency Need? **No**

Drainage area (mi<sup>2</sup> est.) **41**

Associated FME's **-** County **Bowie**

Associated FMS's **-** Associated FMP's **-**

## Existing 100-Year Flood Risk

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Population at risk **2,373** # of structures **387** Critical facilities **5**

Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **18**

Number of low water crossings **6** Historical road closures **715**

## 100-Year Flood Risk Reduction

Population removed from 100-yr **330** # of structures removed from 100-yr **57**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **2** Low water crossings removed from 100-yr **0**

Other benefits **Recreational benefits** Reduction in # of road closures over 10 years **210**

## Impacts

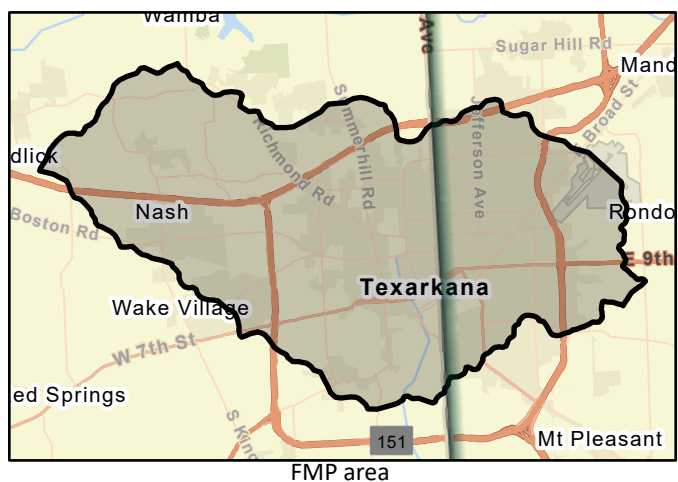
Negative impacts? **No** Negative impacts description **No negative impact**

Water supply contributions? **No** Water supply contribution description **-**

## Estimated Cost

Project Cost **\$11,983,000** % Nature-Based **0** BCR **0**

Recurring costs **0** Issues **Utility conflicts and easement acquisition**



# Flood Mitigation Project (FMP)



Title **Stream WC-2 Independence Circle & Lexington Place Bridge Improvements**

ID# **023000003** Sponsor **City of Texarkana**

RFPG recommend? **Yes** Reason for Recommendation **Reduces flooding risks**

## Project Description

Replace culverts at Independence Circle and Lexington Place.

Watershed HUC# (if known) **111402010201,111403020704** Emergency Need? **No**

Drainage area (mi<sup>2</sup> est.) **1**

Associated FME's **-** County **Bowie**

Associated FMS's **-** Associated FMP's **-**

## Existing 100-Year Flood Risk

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Population at risk **71** # of structures **23** Critical facilities **0**

Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

Number of low water crossings **0** Historical road closures **31**

## 100-Year Flood Risk Reduction

Population removed from 100-yr **19** # of structures removed from 100-yr **6**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **Recreational benefits** Reduction in # of road closures over 10 years **0**

## Impacts

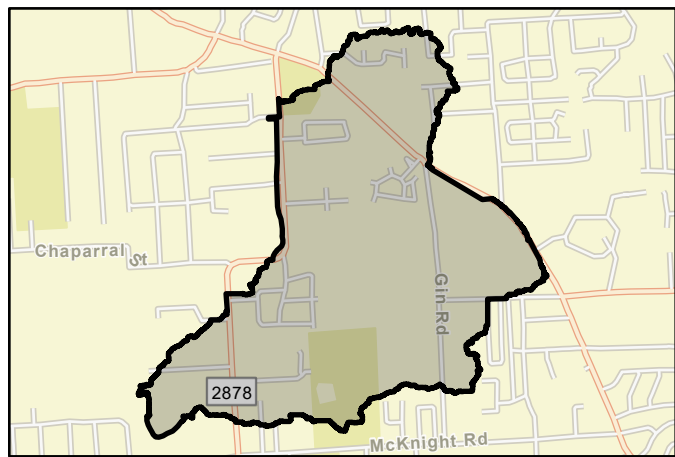
Negative impacts? **No** Negative impacts description **No negative impact**

Water supply contributions? **No** Water supply contribution description **-**

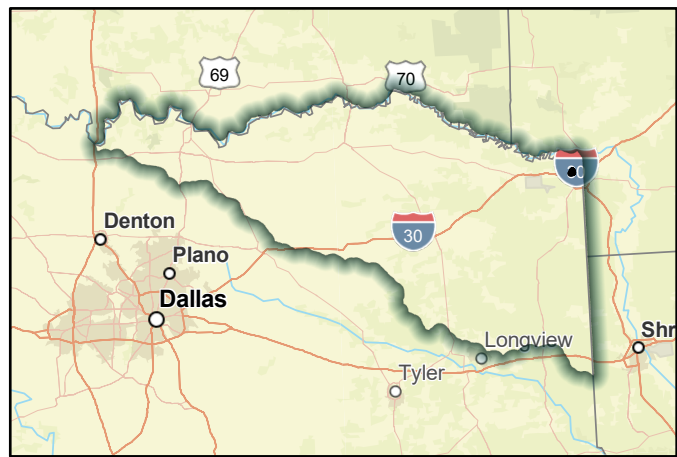
## Estimated Cost

Project Cost **\$540,000** % Nature-Based **0** BCR **1**

Recurring costs **26000** Issues **No significant implementation issues**



FMP area



Regional view of FMP area

# Flood Mitigation Project (FMP)



Title **Wagner Channel/Overbank Clearing**

ID# **023000002** Sponsor **City of Texarkana**

RFPG recommend? **Yes** Reason for Recommendation **Reduces flooding risks**

## Project Description

Removal of all trees and brush within proposed corridor along Wagner Creek

Watershed HUC# (if known) **111402010201,111403020704,11140106060** Emergency Need? **No**

Drainage area (mi<sup>2</sup> est.) **27**

Associated FME's **-** County **Bowie**

Associated FMS's **-** Associated FMP's **-**

## Existing 100-Year Flood Risk

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Population at risk **2,066** # of structures **305** Critical facilities **2**

Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **18**

Number of low water crossings **6** Historical road closures **715**

## 100-Year Flood Risk Reduction

Population removed from 100-yr **305** # of structures removed from 100-yr **44**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **2** Low water crossings removed from 100-yr **0**

Other benefits **Recreational benefits** Reduction in # of road closures over 10 years **209**

## Impacts

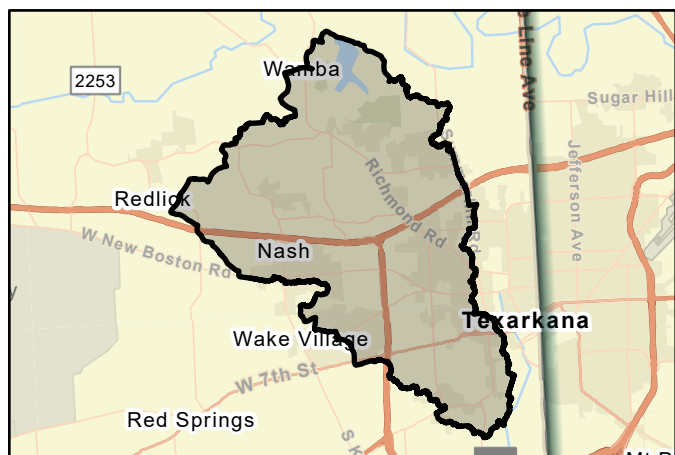
Negative impacts? **No** Negative impacts description **No negative impact**

Water supply contributions? **No** Water supply contribution description **-**

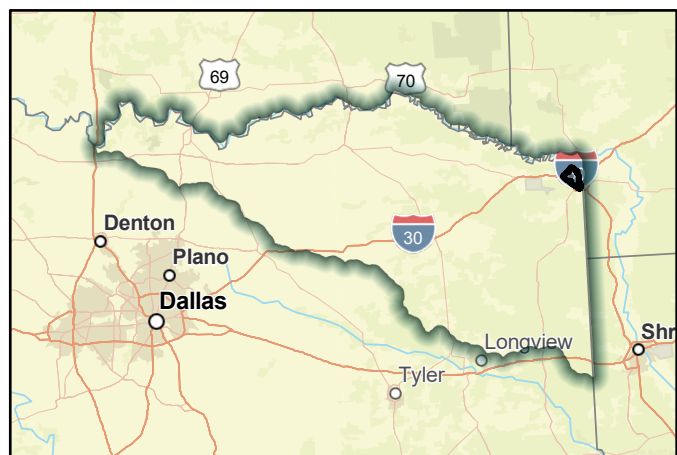
## Estimated Cost

Project Cost **\$978,000** % Nature-Based **0** BCR **1**

Recurring costs **15000** Issues **No significant implementation issues**



FMP area



Regional view of FMP area