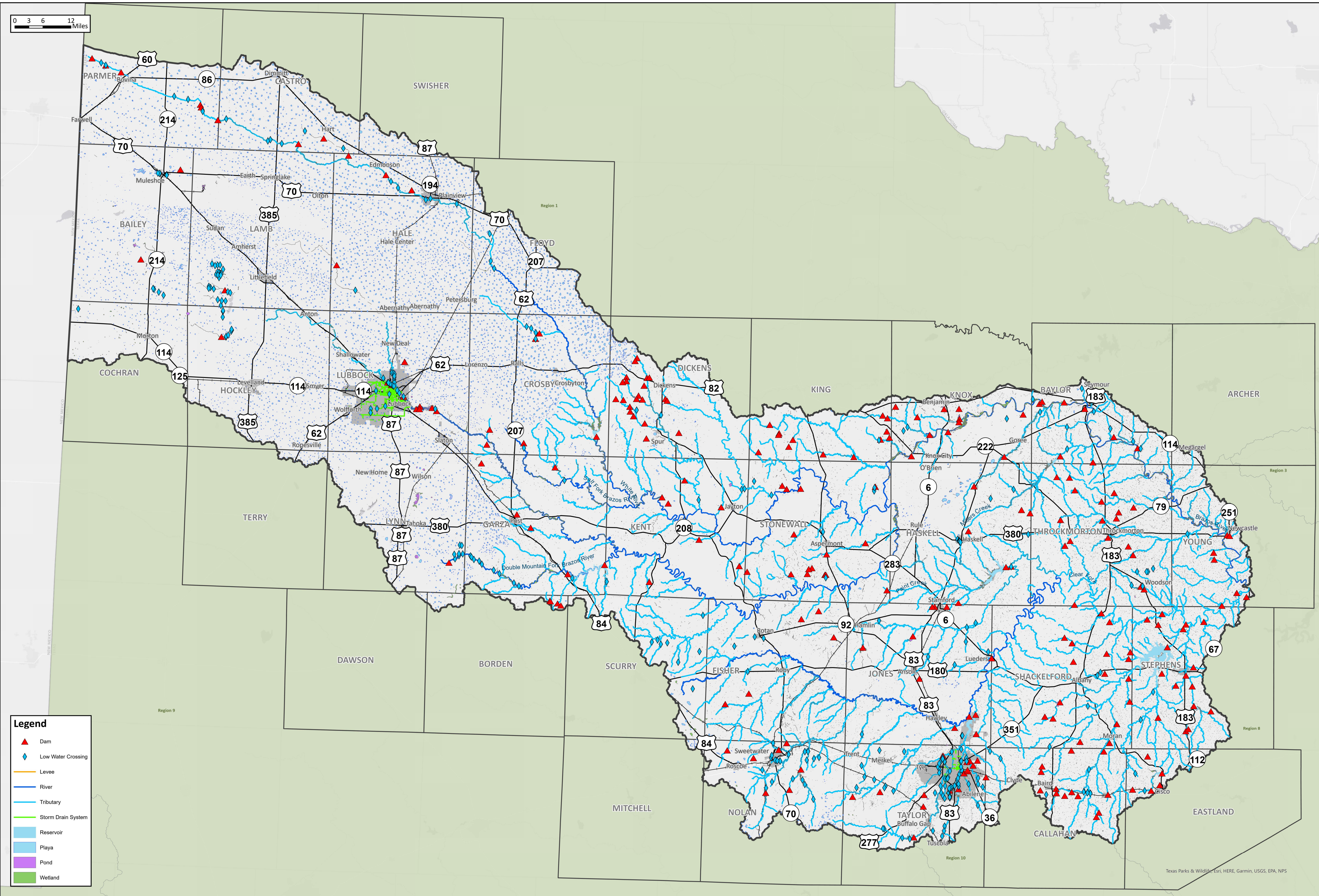


APPENDIX A - REQUIRED MAPS

- Map 1: Existing Flood Infrastructure (2.1 Task 1)
- Map 2: Proposed or Ongoing Flood Mitigation Projects (2.1 Task 1)
- Map 3: Non-Functional or Deficient Flood Mitigation Features or Infrastructure (2.1 Task 1)
- Map 4: Existing Condition Flood Hazard (2.2.A.1 Task 2A)
- Map 5: Existing Condition Flood Hazard - Gaps in Inundation Boundary Mapping and Identify Known Flood-Prone Areas (2.2.A.1 Task 2A)
- Map 6: Existing Condition Flood Exposure (2.2.A.2 Task 2A)
- Map 7: Existing Condition Vulnerability and Critical Infrastructure (2.2.A.3 Task 2A)
- Map 8: Future Condition Flood Hazard (2.2.B.1 Task 2B)
- Map 9: Future Condition Flood Hazard - Gaps in Inundation Boundary Mapping and Identify Known Flood-Prone Areas (2.2.B.1 Task 2B)
- Map 10: Extent of Increase of Flood Hazard Compared to Existing Condition (2.2.B.1 Task 2B)
- Map 11: Future Condition Flood Exposure (2.2.B.2 Task 2B)
- Map 12: Future Condition Vulnerability and Critical Infrastructure (2.2.B.3 Task 2B)
- Map 13: Floodplain Management (2.3.A Task 3A)
- Map 14: Greatest Gaps in Flood Risk Information (2.4.A Task 4A)
- Map 15: Greatest Flood Risk (2.4.A Task 4A)
- Map 16: Extent of Potential Flood Management Evaluations and Existing Mapping Needs (2.4.B Task 4B)
- Map 17: Extent of Potential Flood Mitigation Projects (2.4.B Task 4B)
- Map 18: Potential Flood Management Strategies Extent (2.4.B Task 4B)
- Map 19: Recommended Flood Management Evaluations (2.5.A Task 5)
- Map 20: Recommended Flood Mitigation Projects (2.5.C Task 5)
- Map 21: Recommended Flood Management Strategies (2.5.C Task 5)
- Map 22: Model Coverage (2.4.C Task 4C)

0 3 6 12 Miles



- Legend**
- Dam
 - Low Water Crossing
 - Levee
 - River
 - Tributary
 - Storm Drain System
 - Reservoir
 - Playa
 - Pond
 - Wetland

MAP 01
Region 7

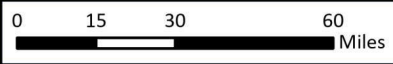
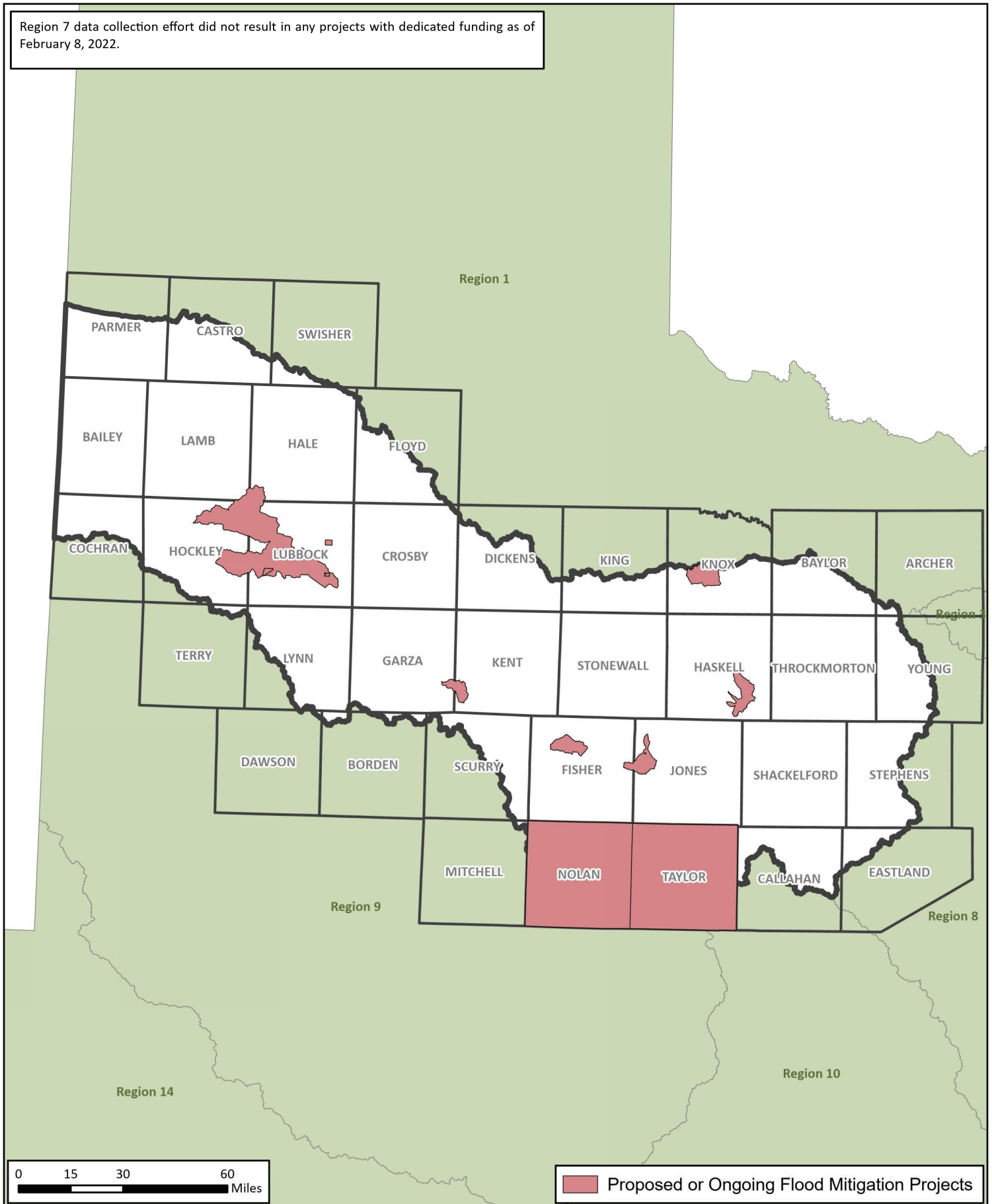
Existing Flood Infrastructure

REGION 7 UPPER BRAZOS
2023 REGIONAL FLOOD PLAN



Texas Parks & Wildlife, Esri, HERE, Garmin, USGS, EPA, NPS

Region 7 data collection effort did not result in any projects with dedicated funding as of February 8, 2022.



Proposed or Ongoing Flood Mitigation Projects

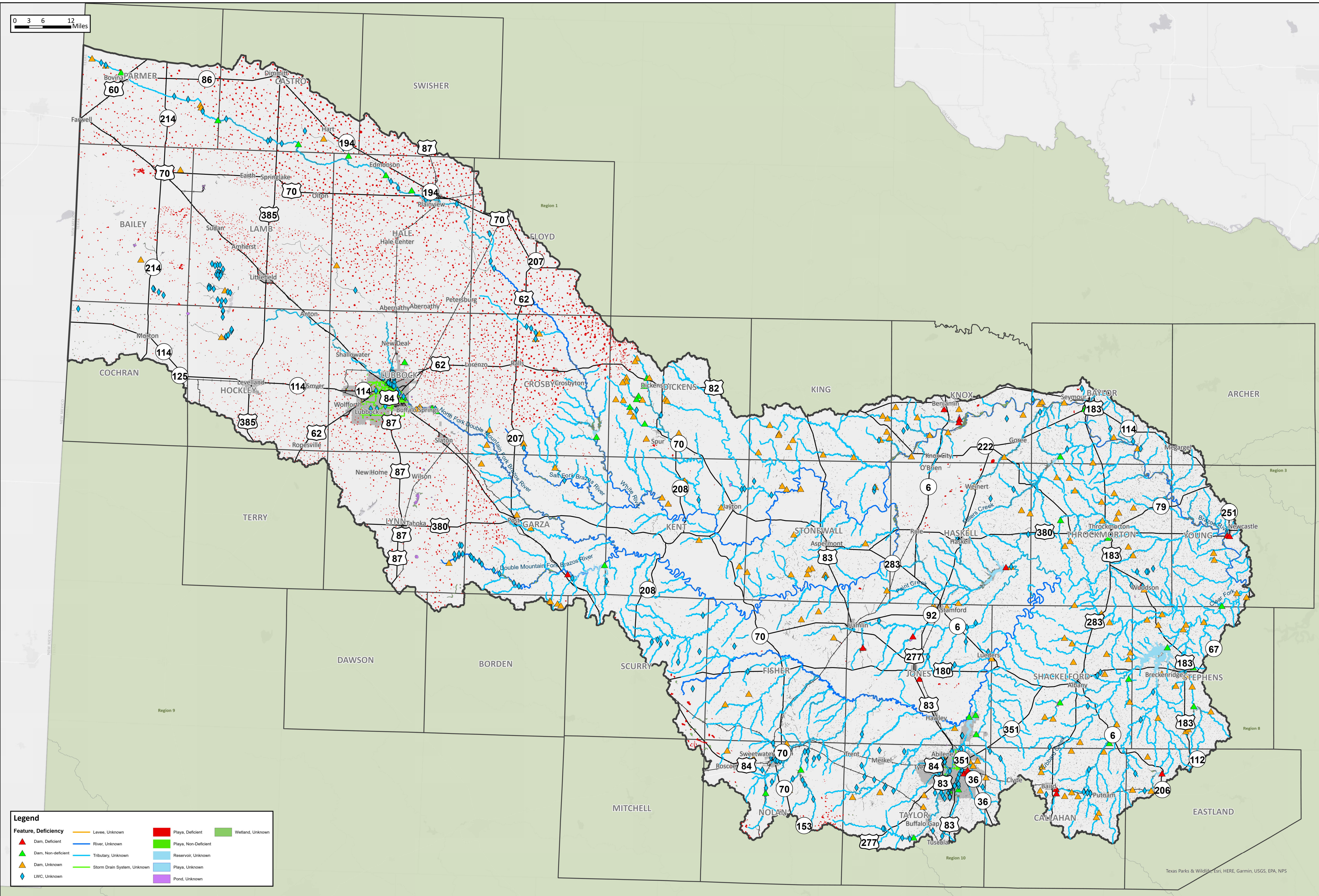


Proposed or Ongoing Flood Mitigation Projects



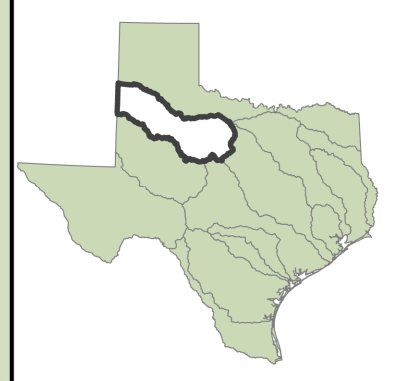
REGION 7 UPPER BRAZOS - 2023 REGIONAL FLOOD PLAN

0 3 6 12 Miles



Legend

Feature, Deficiency	Levee, Unknown	Playa, Deficient	Wetland, Unknown
Dam, Deficient	River, Unknown	Playa, Non-Deficient	
Dam, Non-deficient	Tributary, Unknown	Reservoir, Unknown	
Dam, Unknown	Storm Drain System, Unknown	Playa, Unknown	
LWC, Unknown	Pond, Unknown		



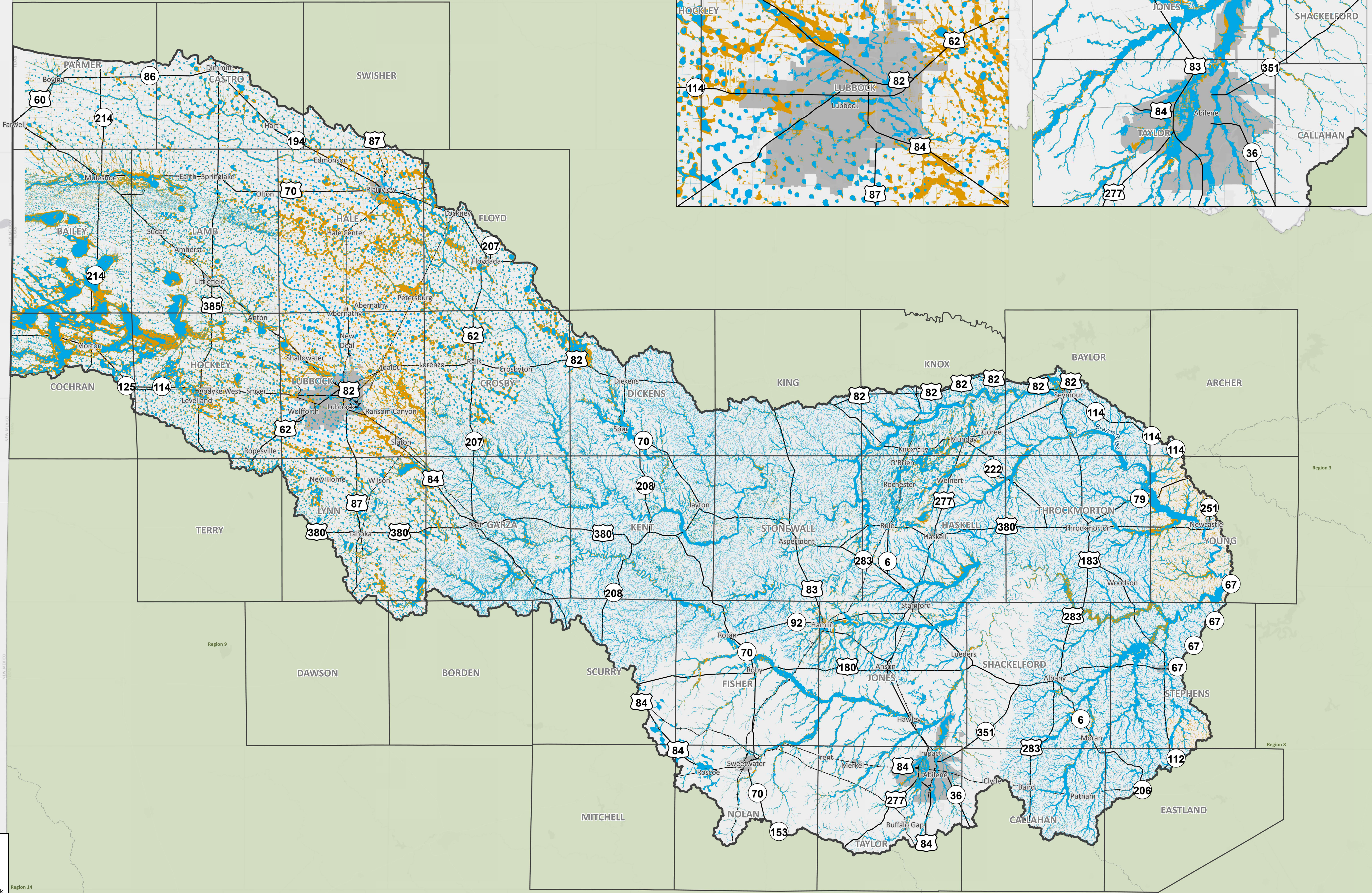
Function of Flood Mitigation Features

MAP 03
Region 7

REGION 7 UPPER BRAZOS
2023 REGIONAL FLOOD PLAN

Texas Parks & Wildlife, Esri, HERE, Garmin, USGS, EPA, NPS

0 3 6 12 Miles



Legend

Flood Frequency

- 1% Flood Risk
- 0.2% Flood Risk
- Major Rivers
- Major Roadways

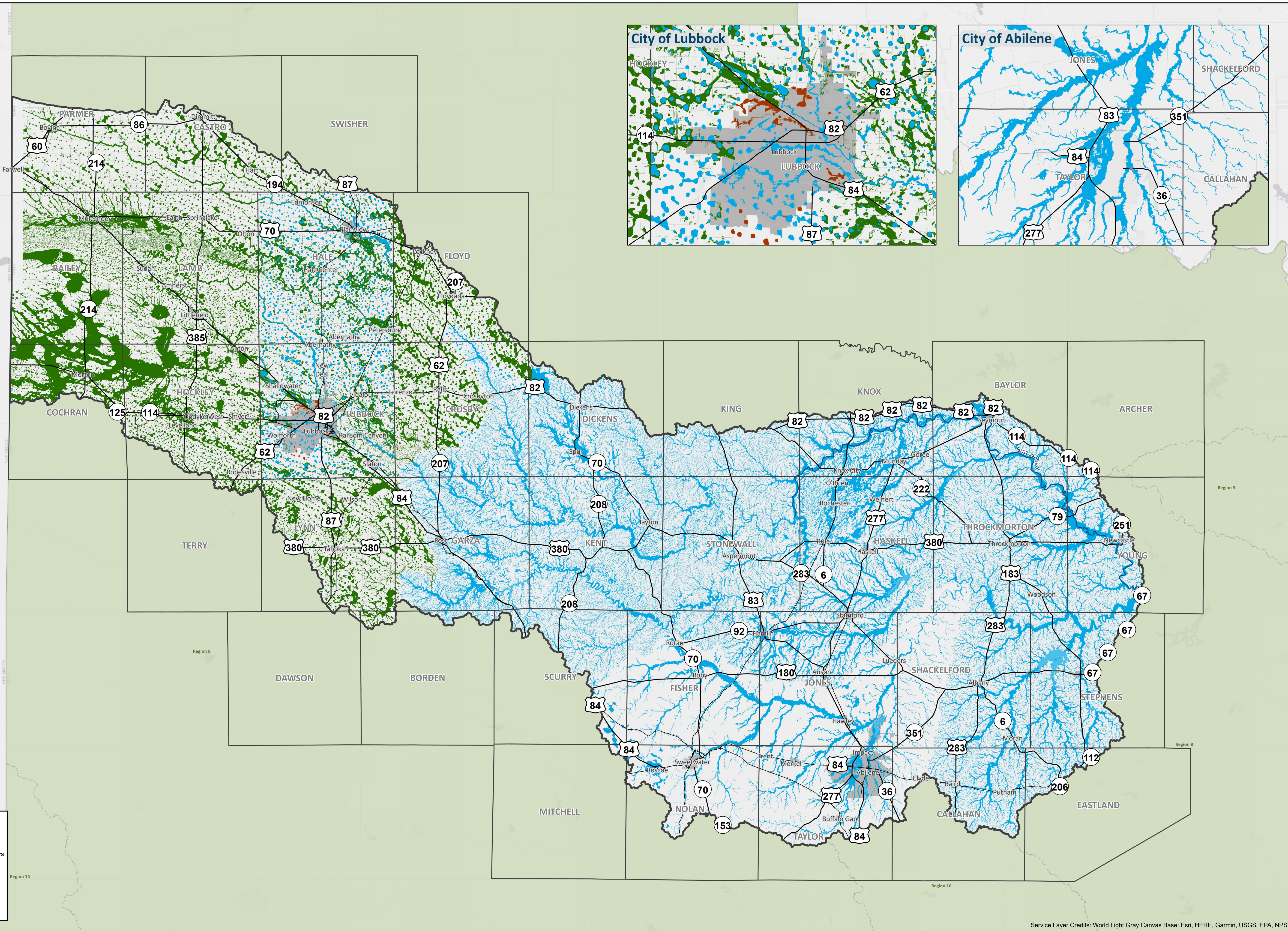
Existing Condition Flood Hazard
FLOOD FREQUENCY
 REGION 7 UPPER BRAZOS
 2023 REGIONAL FLOOD PLAN



MAP 4
Region 7

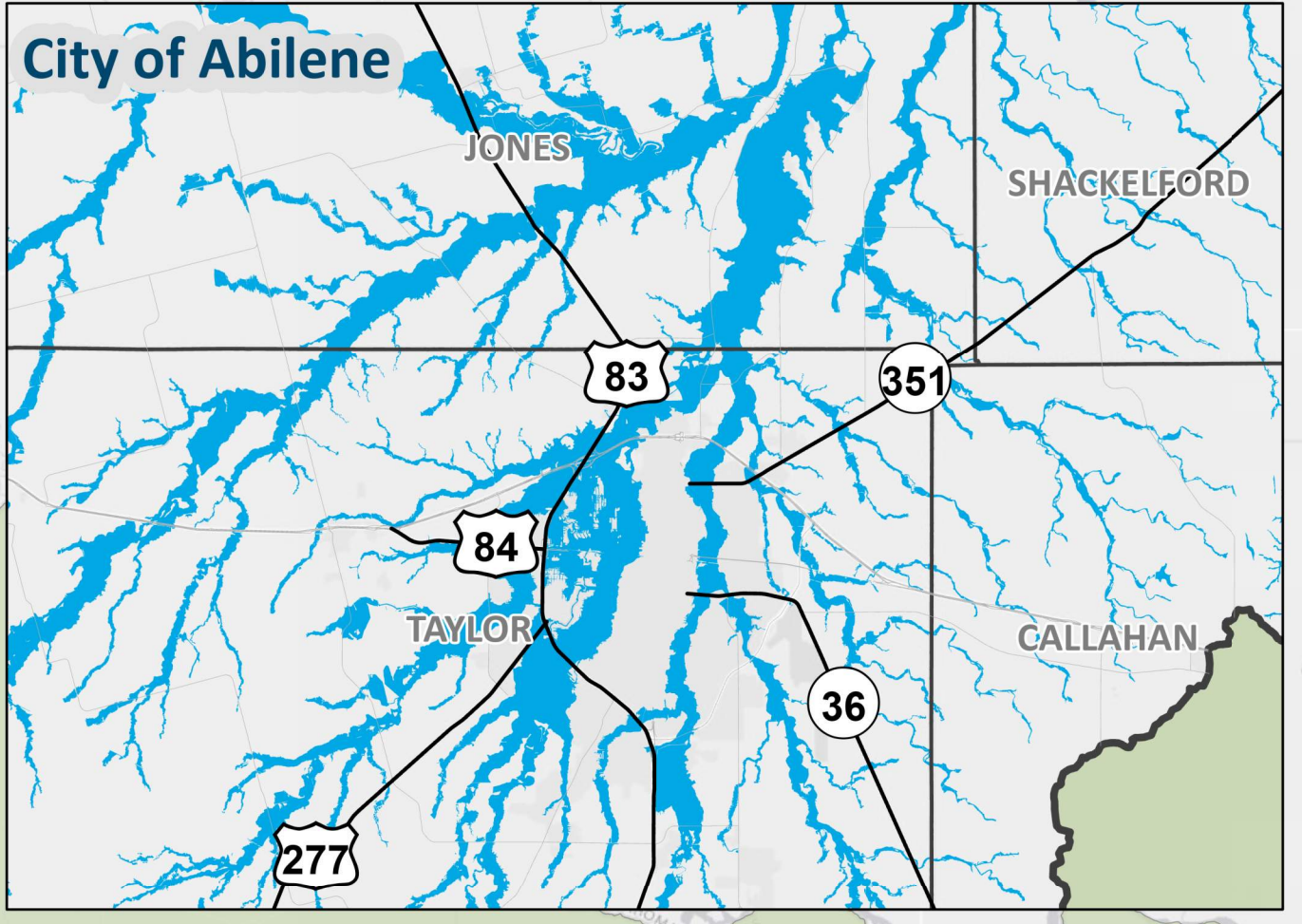
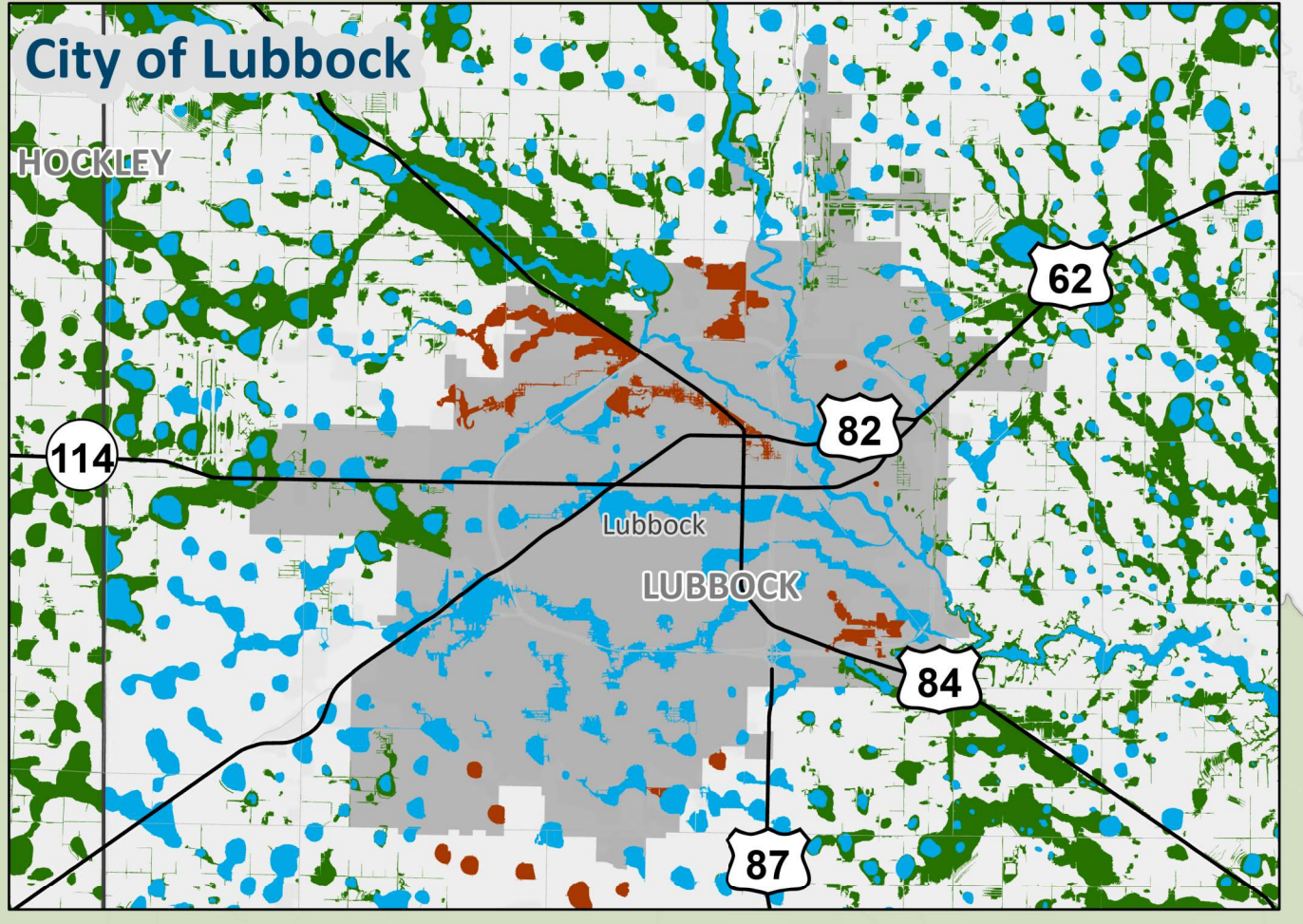
Service Layer Credits: World Light Gray Canvas Base: Esri, HERE, Garmin, USGS, EPA, NPS

0 3 6 12 Miles



Legend

- Major Rivers
- Major Roadways
- Flood Risk Type**
 - Riverine
 - Playa
 - Local



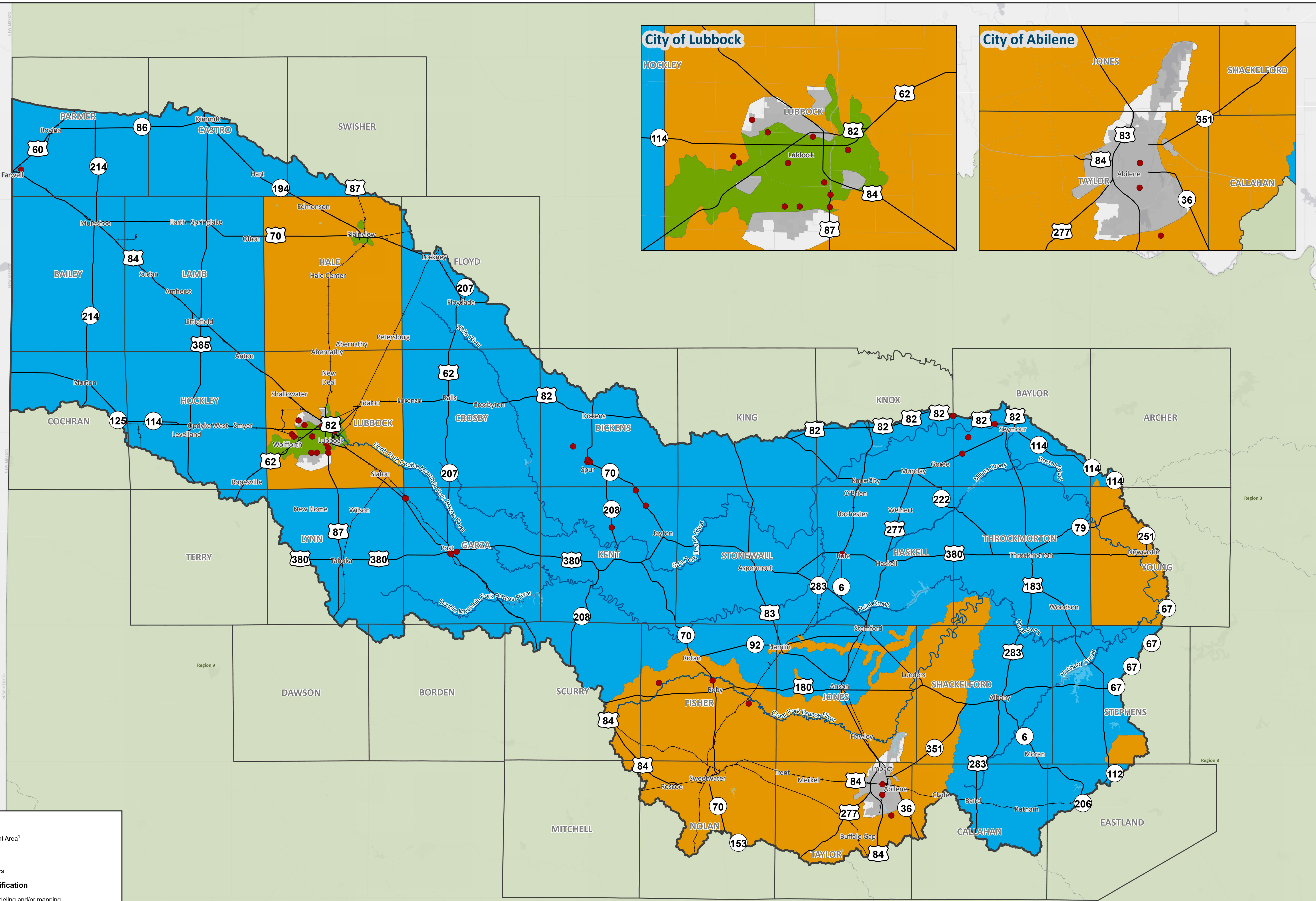
Existing Condition Flood Hazard
FLOOD RISK TYPE
 REGION 7 UPPER BRAZOS
 2023 REGIONAL FLOOD PLAN



MAP 4
Region 7

Service Layer Credits: World Light Gray Canvas Base: Esri, HERE, Garmin, USGS, EPA, NPS

0 3 6 12 Miles



Legend

- Public Comment Area¹
- Major Rivers
- Major Roadways

Mapping Gap Classification

- Absence of modeling and/or mapping
- Areas with modeling and/or mapping that requires update²
- Clearly outdated modeling and/or mapping

¹Flood prone area identified from public comment and supplemented from available Hazard Mitigation Plans.
²Areas with modeling and/or mapping that requires update based on studies older than 10 years.

Service Layer Credits: World Light Gray Canvas Base: Esri, HERE, Garmin, USGS, EPA, NPS



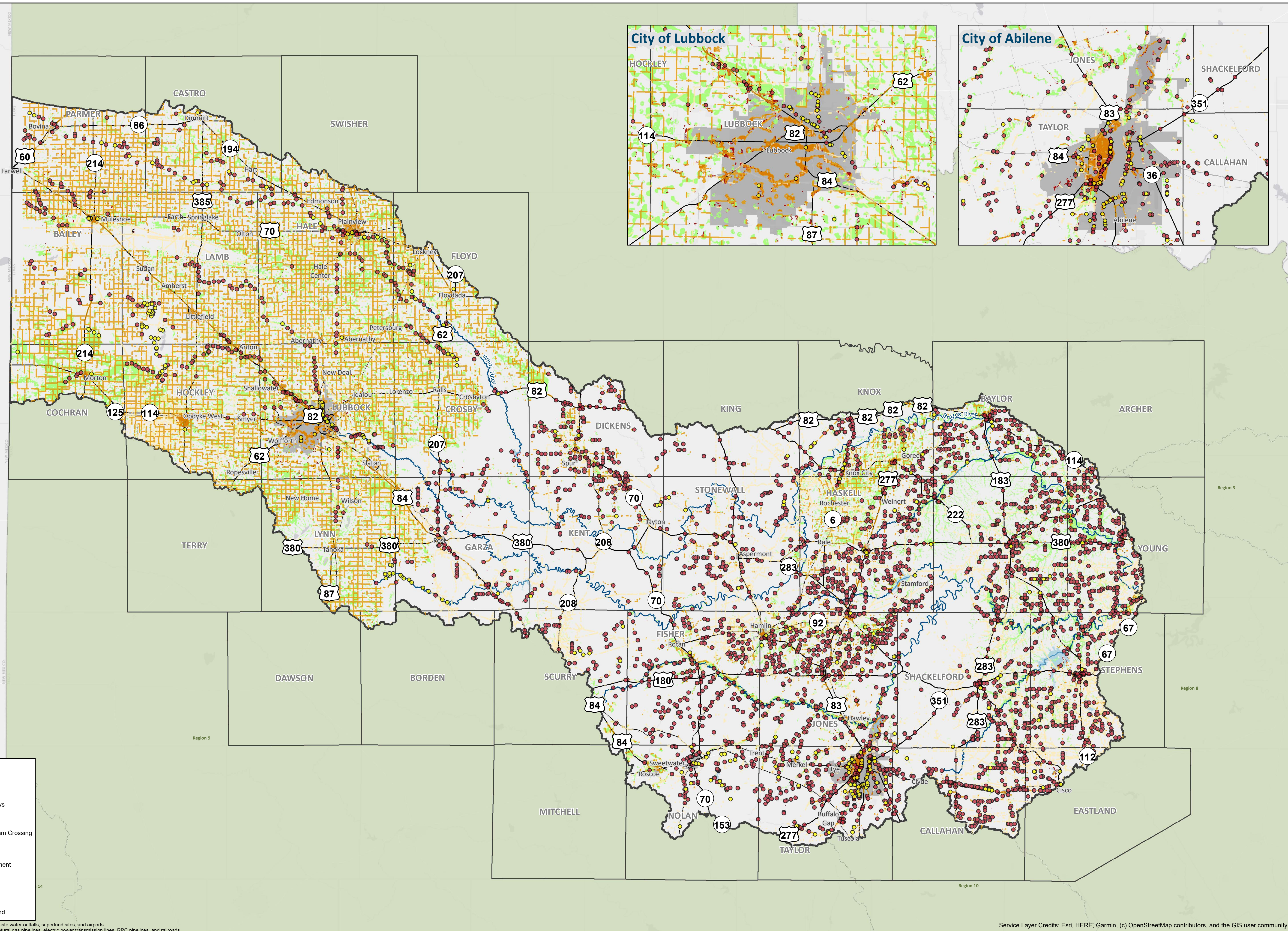
Existing Condition Flood Hazard -
 Gaps in Inundation Boundary Mapping and Identify Known Flood-Prone Areas

REGION 7 UPPER BRAZOS
 2023 REGIONAL FLOOD PLAN

MAP 5
 Region 7

6/16/2023

0 3 6 12 Miles



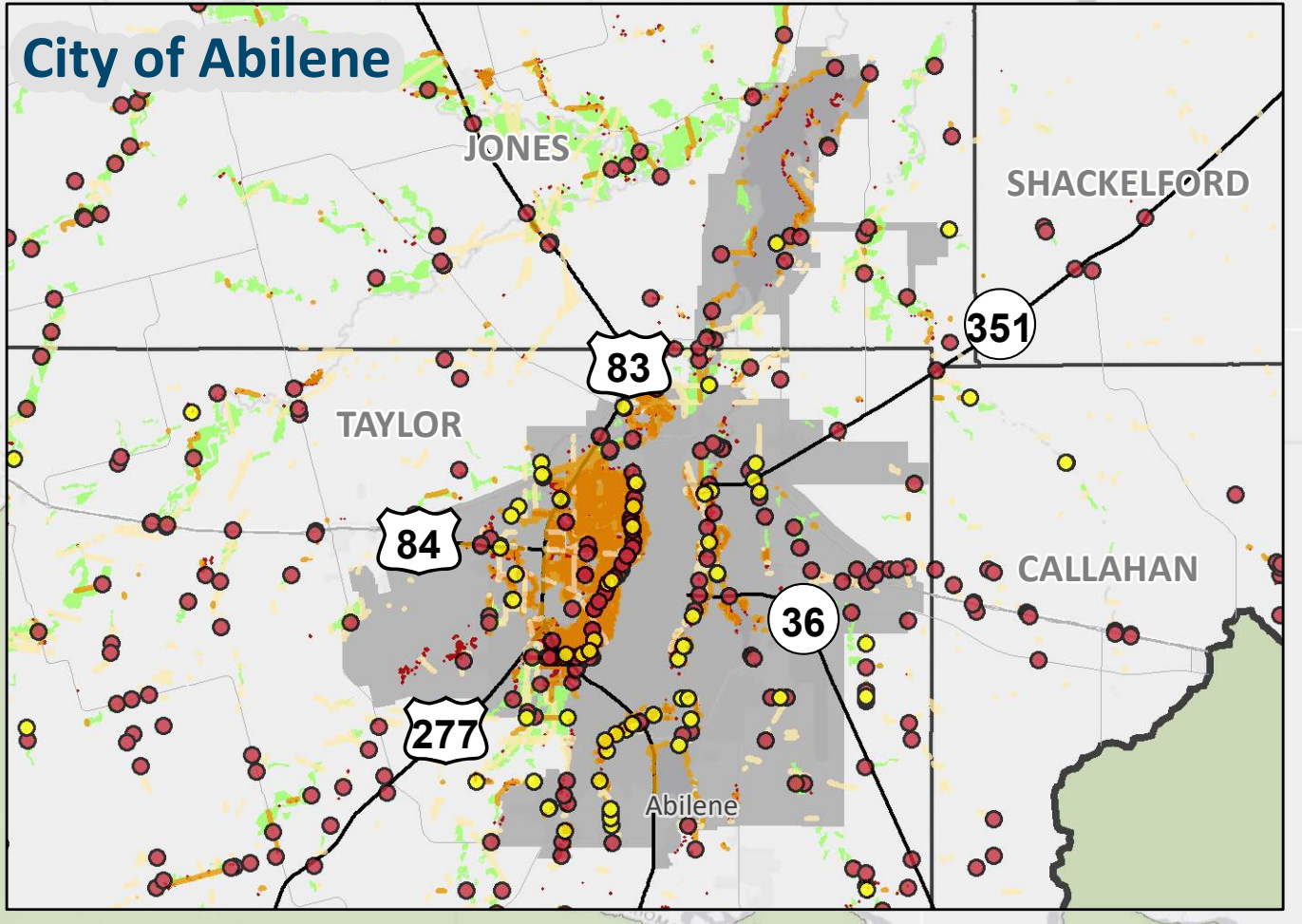
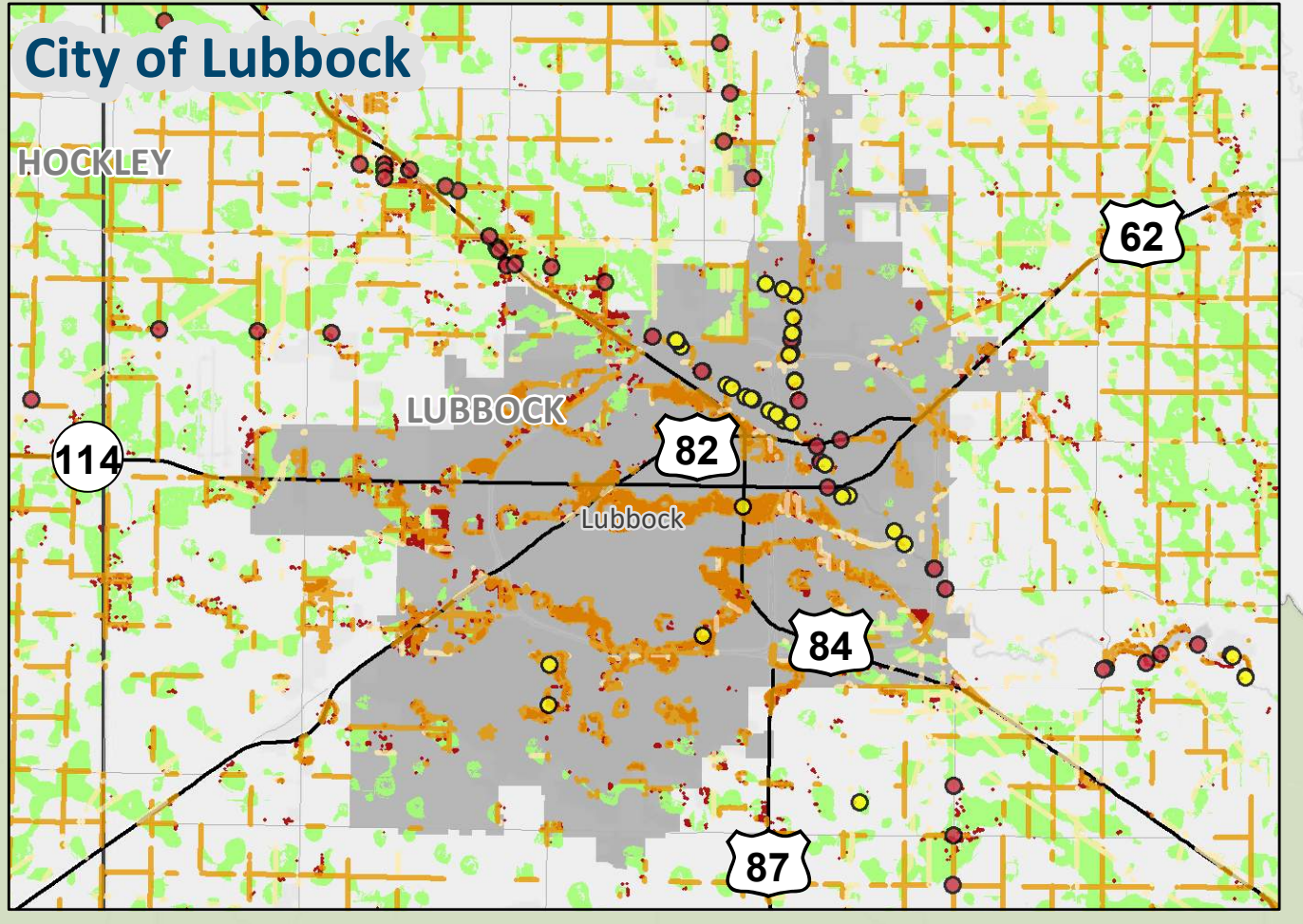
Legend

- Major Rivers
- Major Roadways

Exposure Type

- Roadway Stream Crossing
- Other¹
- Roadway Segment
- Other²
- Buildings
- Agricultural Land

¹Other exposure types include waste water outfalls, superfund sites, and airports.
²Other exposure types include natural gas pipelines, electric power transmission lines, RRC pipelines, and railroads.



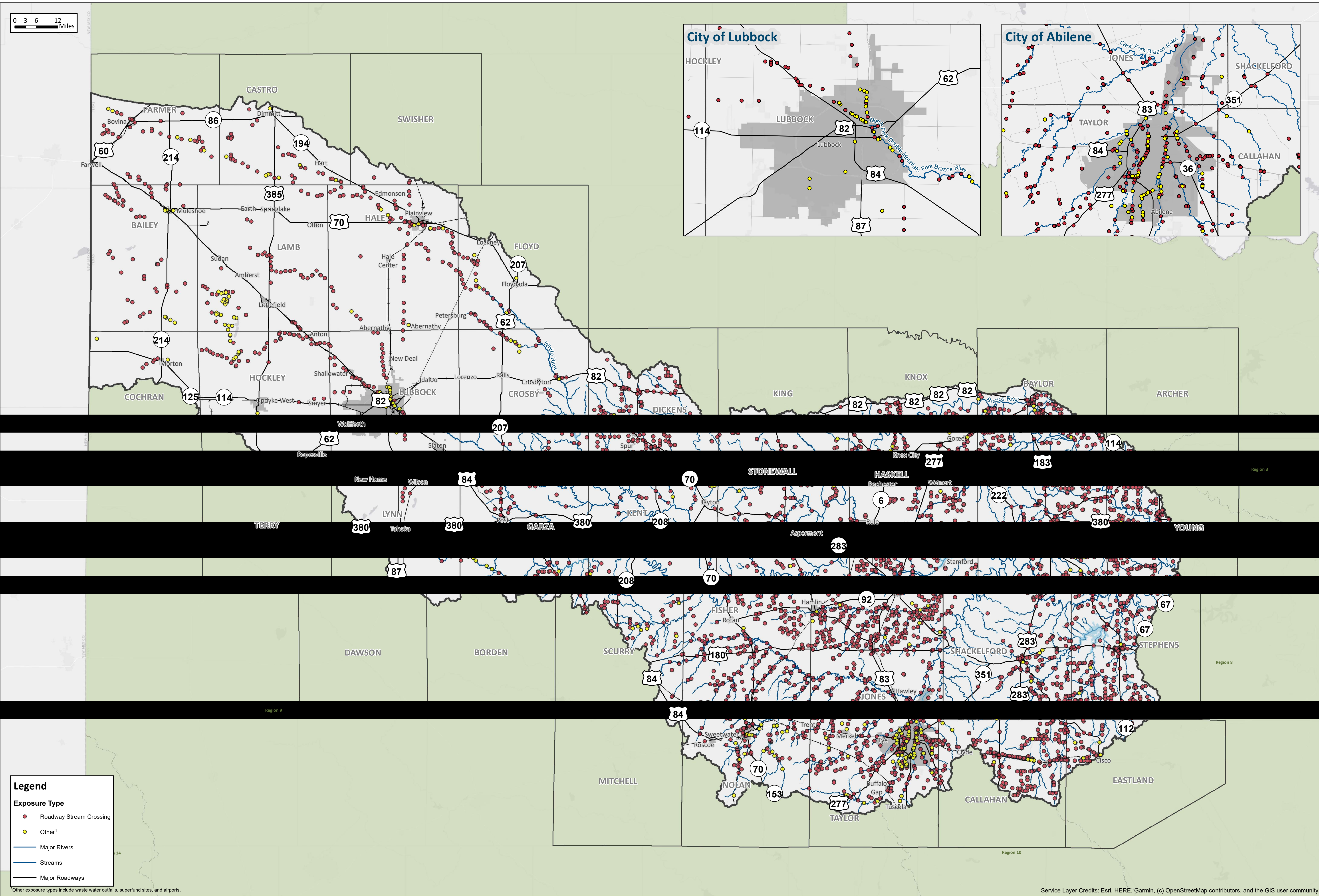
Existing Condition Flood Exposure

MAP 6
Region 7

REGION 7 UPPER BRAZOS
 2023 REGIONAL FLOOD PLAN



0 3 6 12 Miles



MAP 6A
Region 7

Existing Condition Flood Exposure
REGION 7 UPPER BRAZOS
2023 REGIONAL FLOOD PLAN

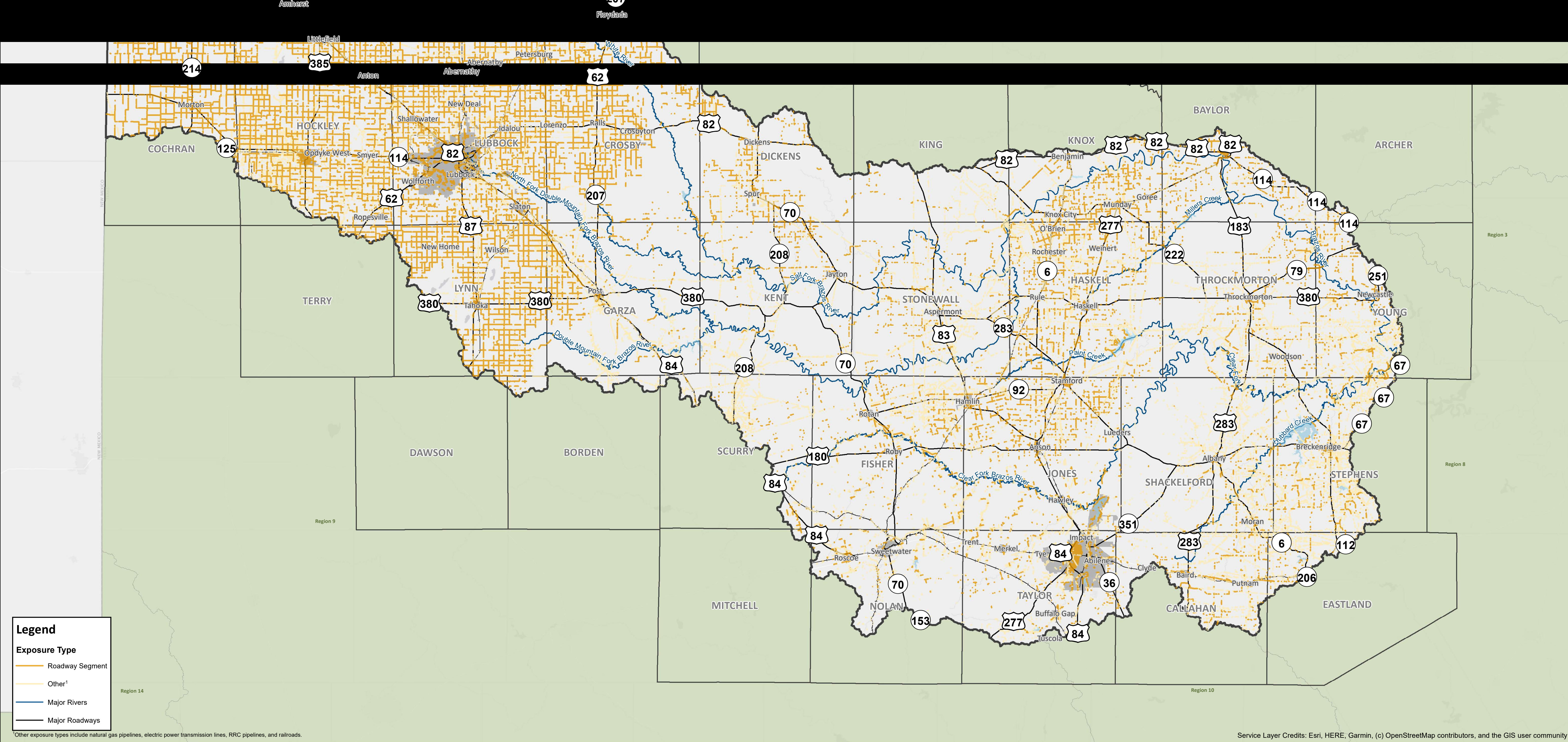
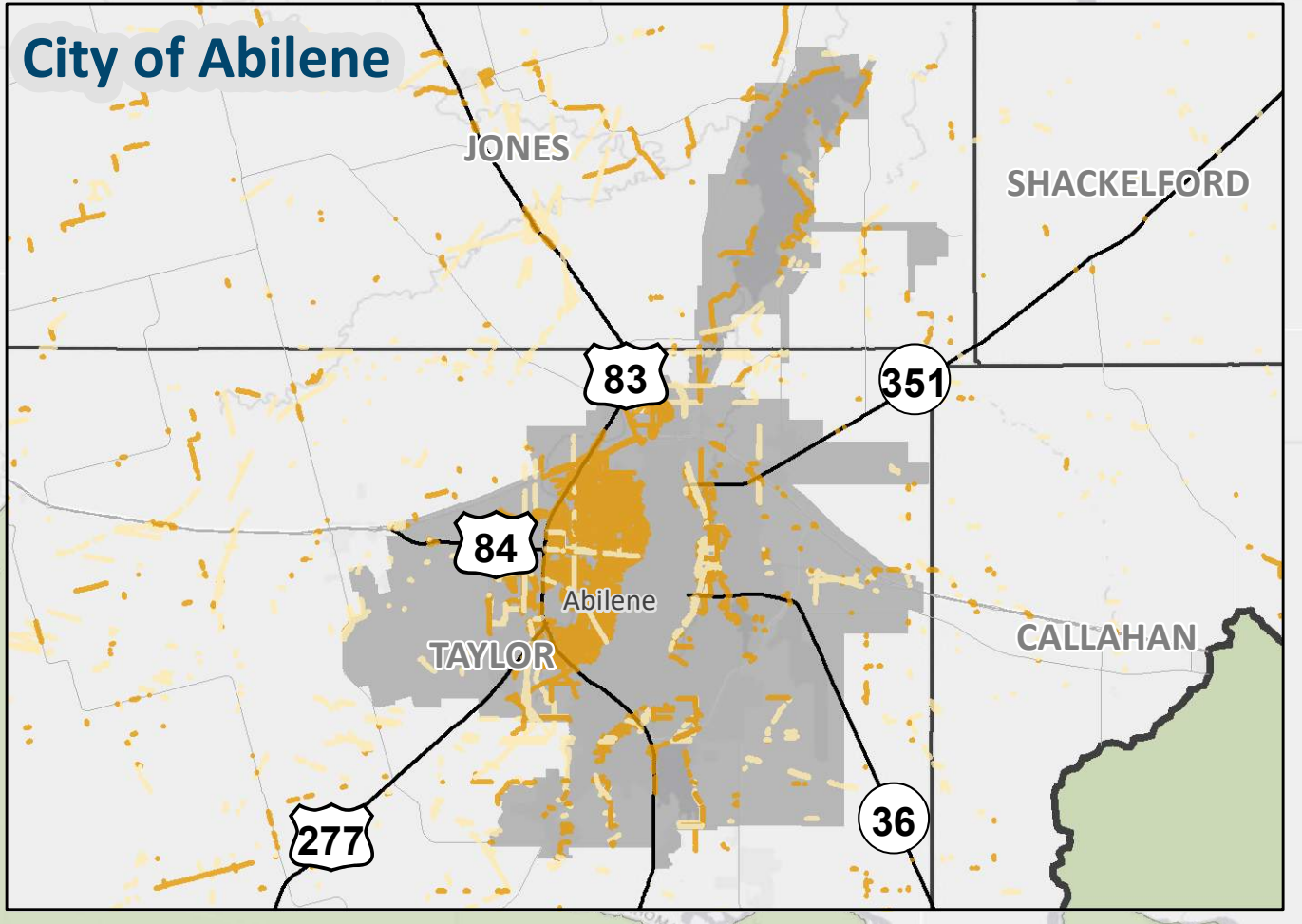
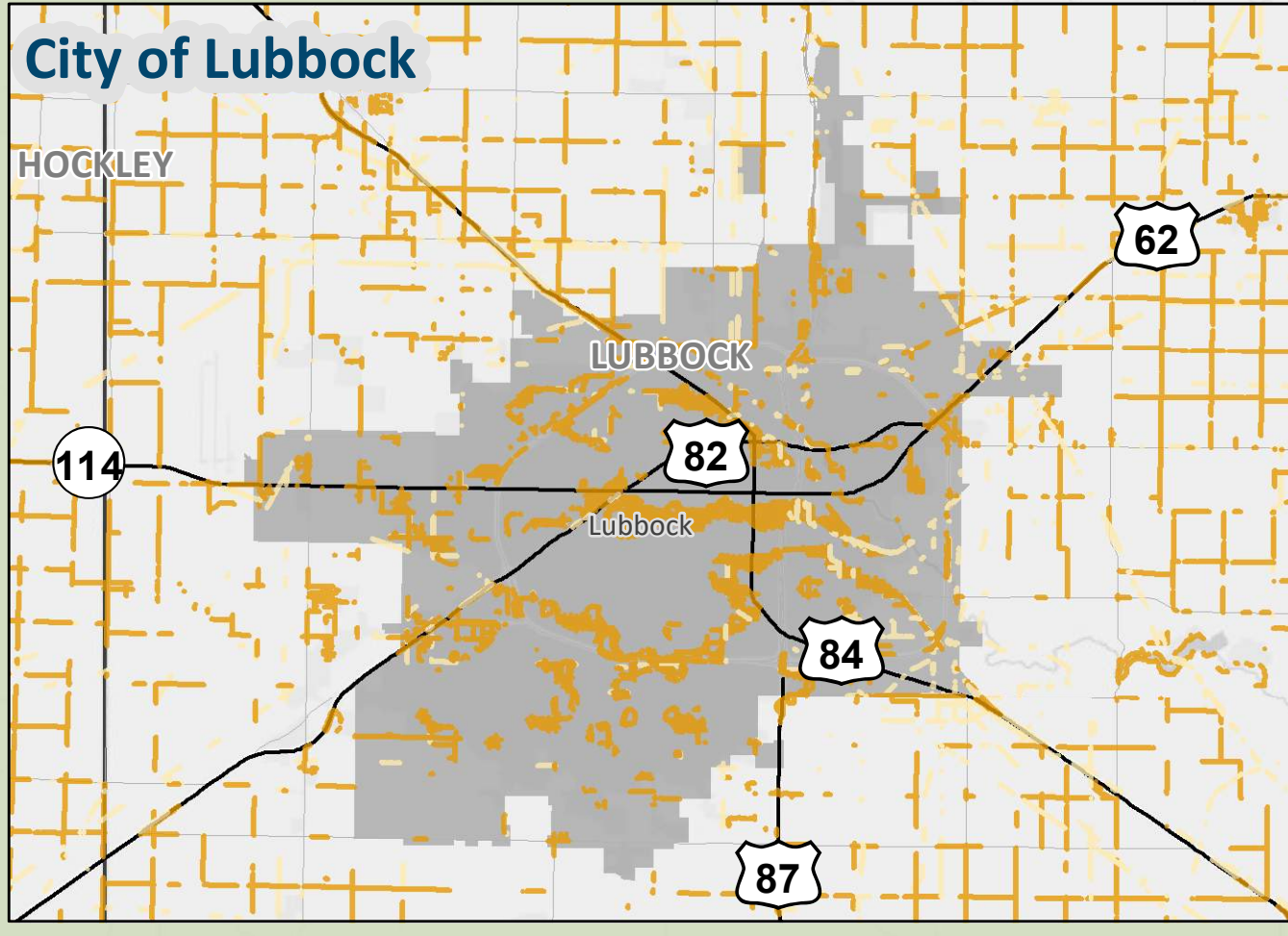
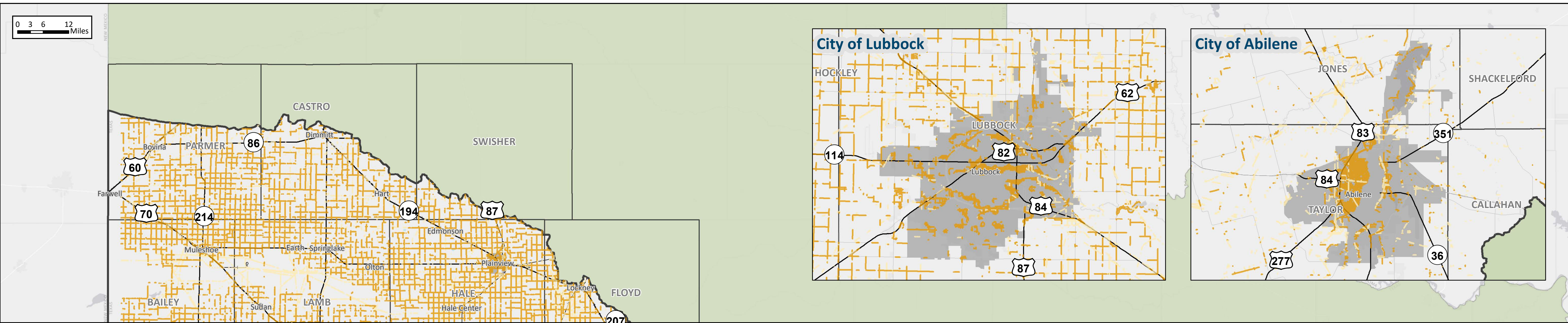


Legend
Exposure Type

- Roadway Stream Crossing
- Other¹
- Major Rivers
- Streams
- Major Roadways

Service Layer Credits: Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community

0 3 6 12 Miles



Legend

Exposure Type

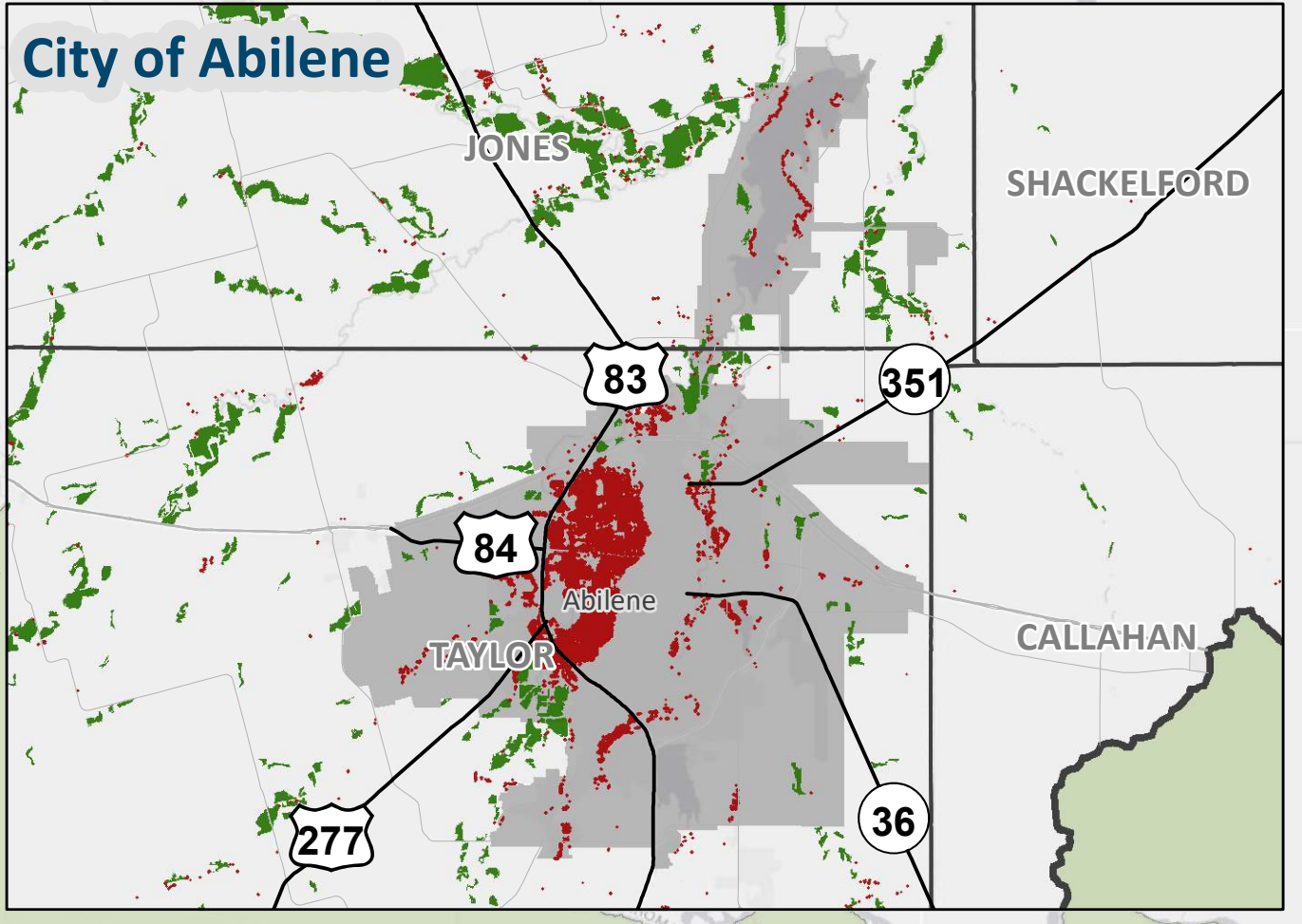
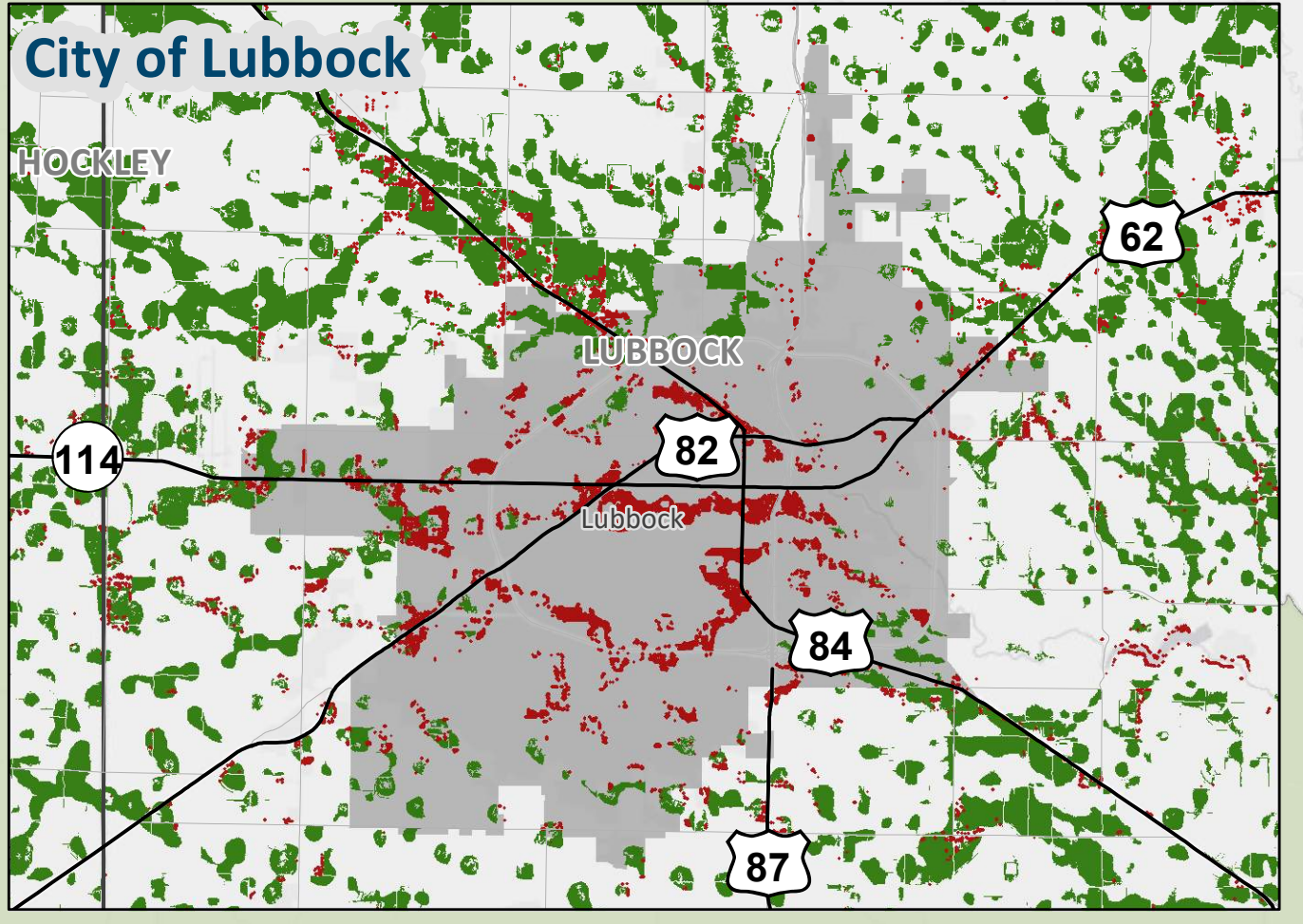
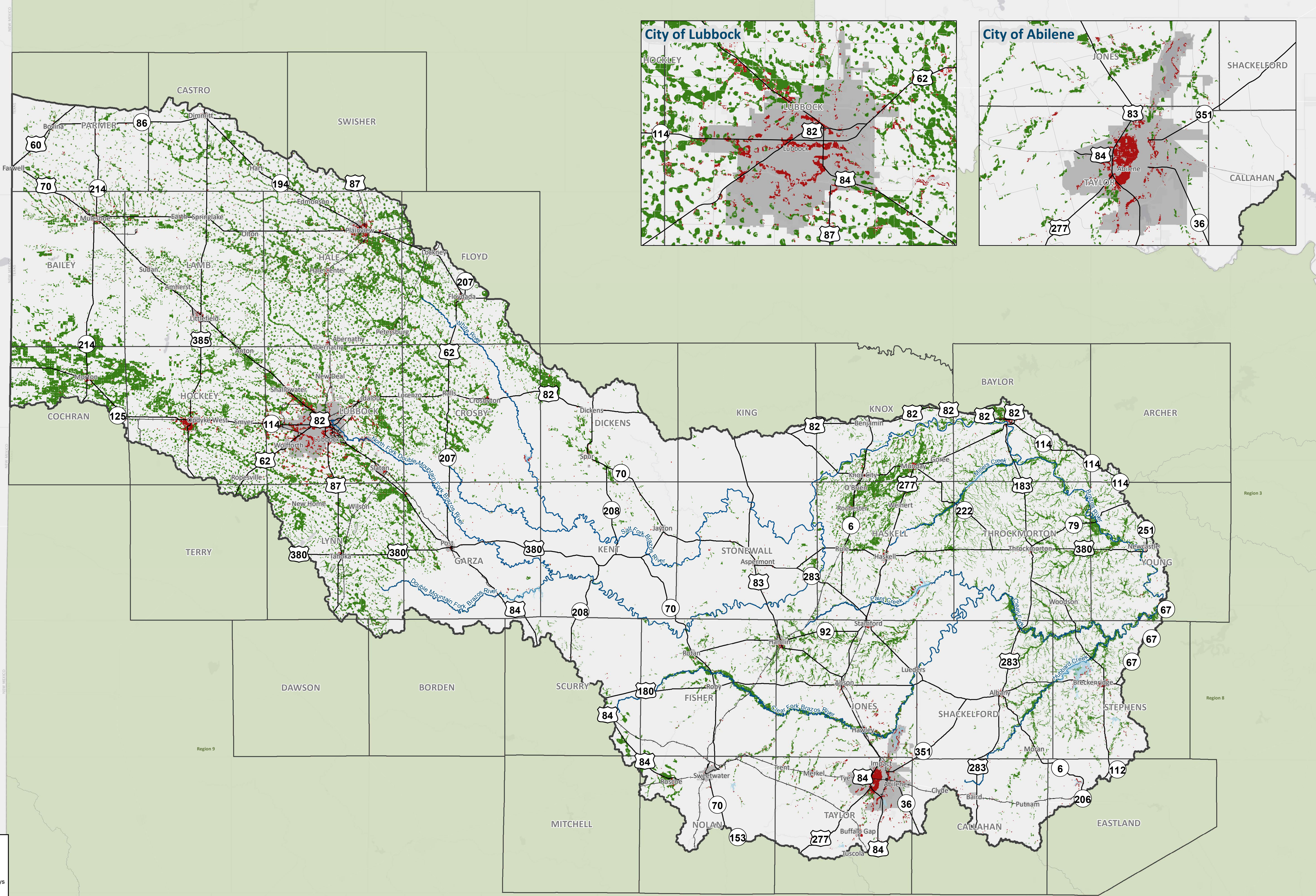
- Roadway Segment
- Other¹
- Major Rivers
- Major Roadways

¹Other exposure types include natural gas pipelines, electric power transmission lines, RRC pipelines, and railroads.



Service Layer Credits: Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community

0 3 6 12 Miles



Legend

- Major Rivers
- Major Roadways
- Exposure Type**
 - Buildings
 - Agricultural Land



Existing Condition Flood Exposure

REGION 7 UPPER BRAZOS
2023 REGIONAL FLOOD PLAN

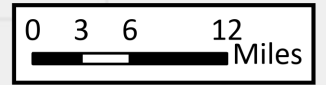
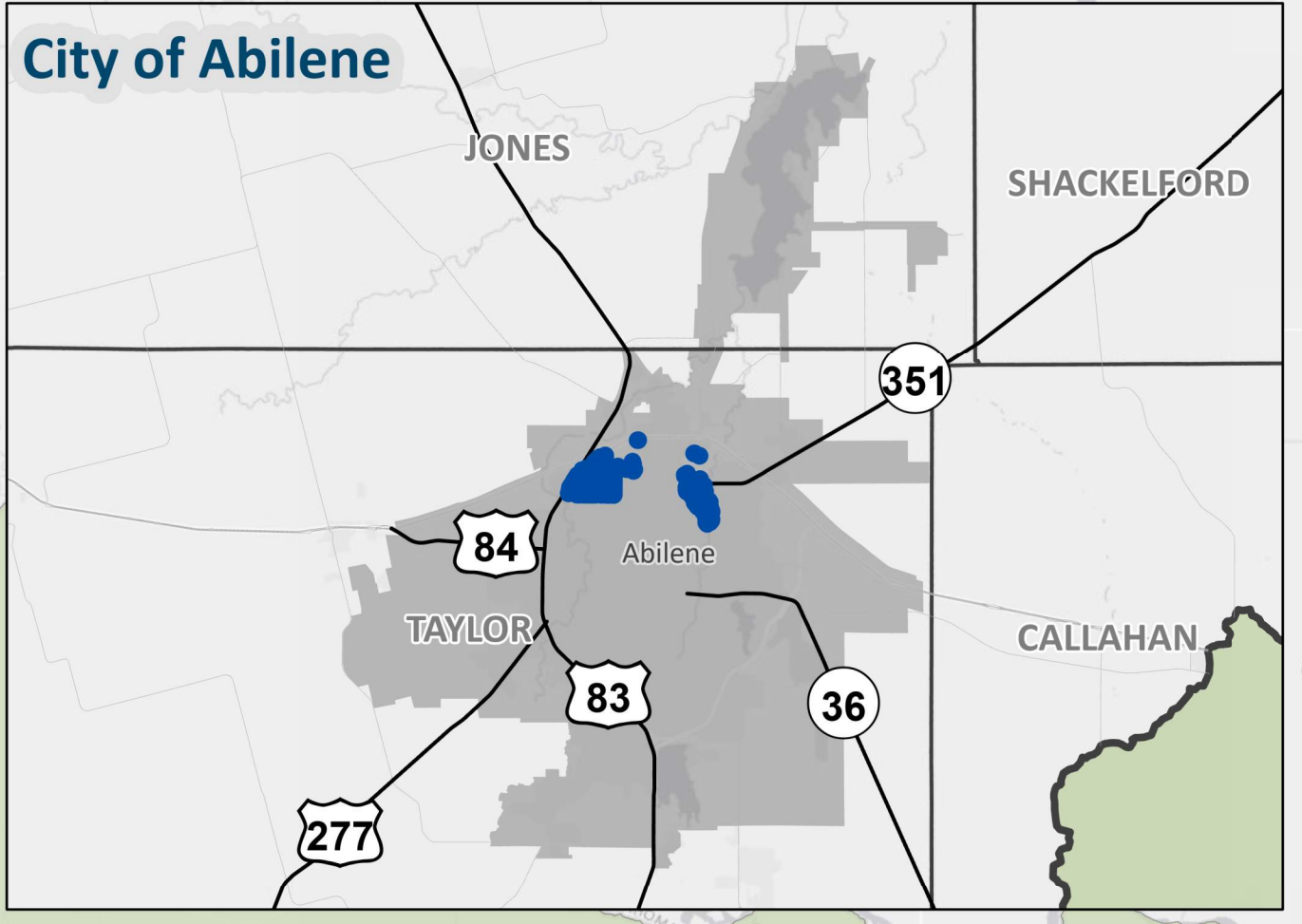
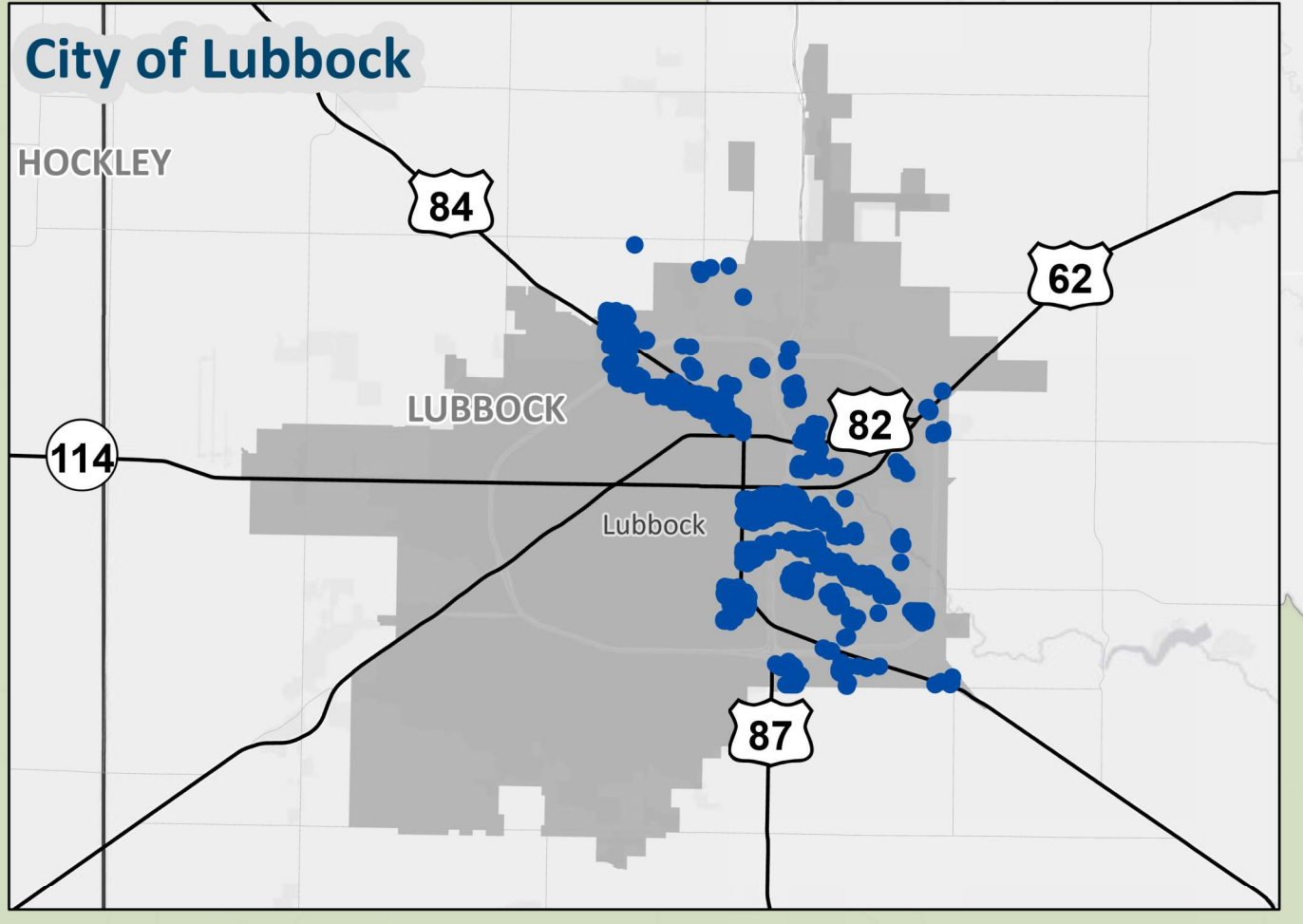
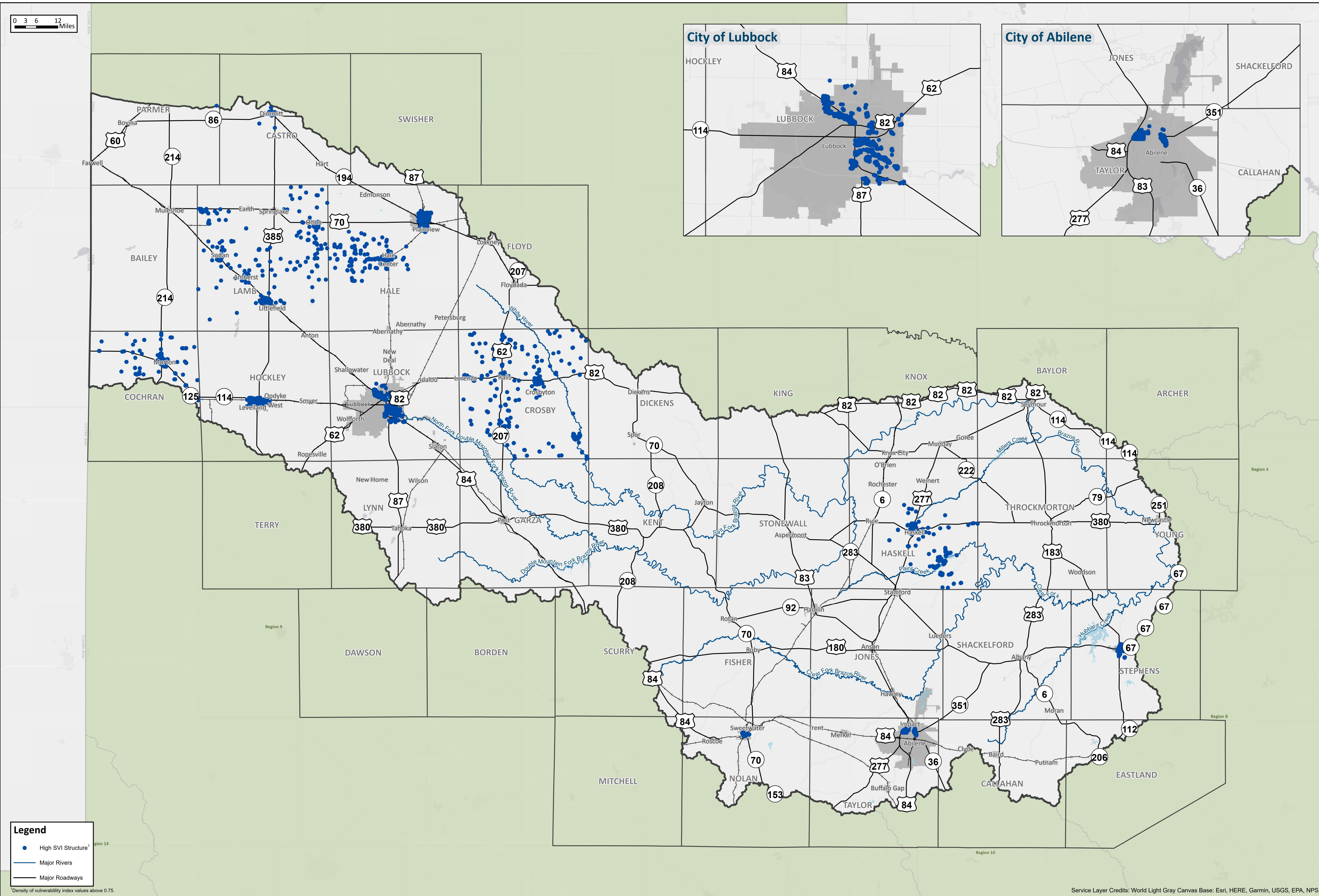
MAP 6C
Region 7

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11/16/2023

Existing Condition Vulnerability

REGION 7 UPPER BRAZOS
2023 REGIONAL FLOOD PLAN

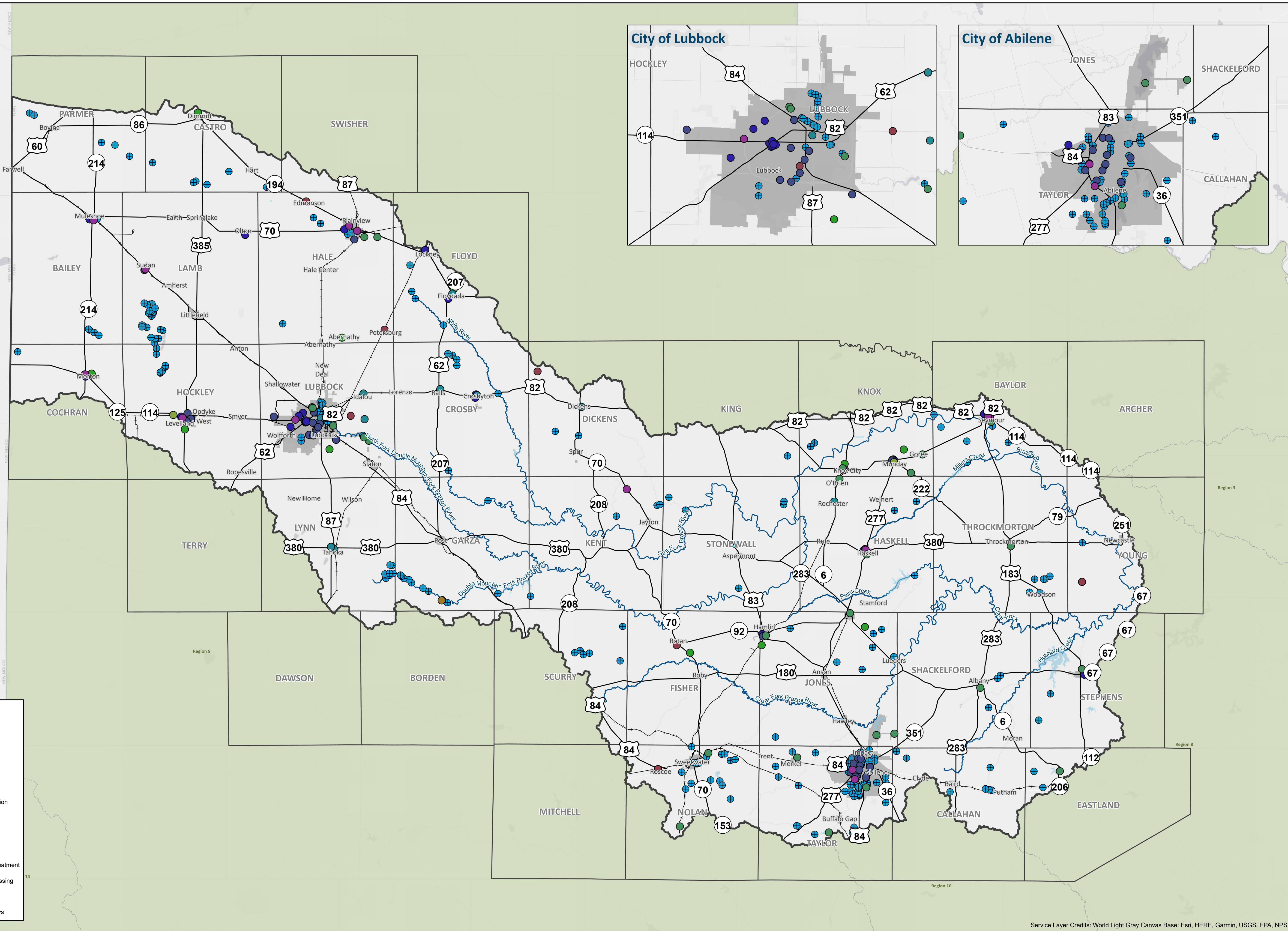


Legend

- High SVI Structure
- Major Rivers
- Major Roadways

Density of vulnerability index values above 0.75.

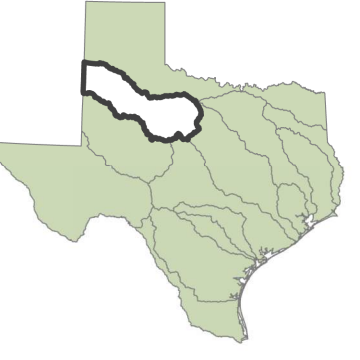
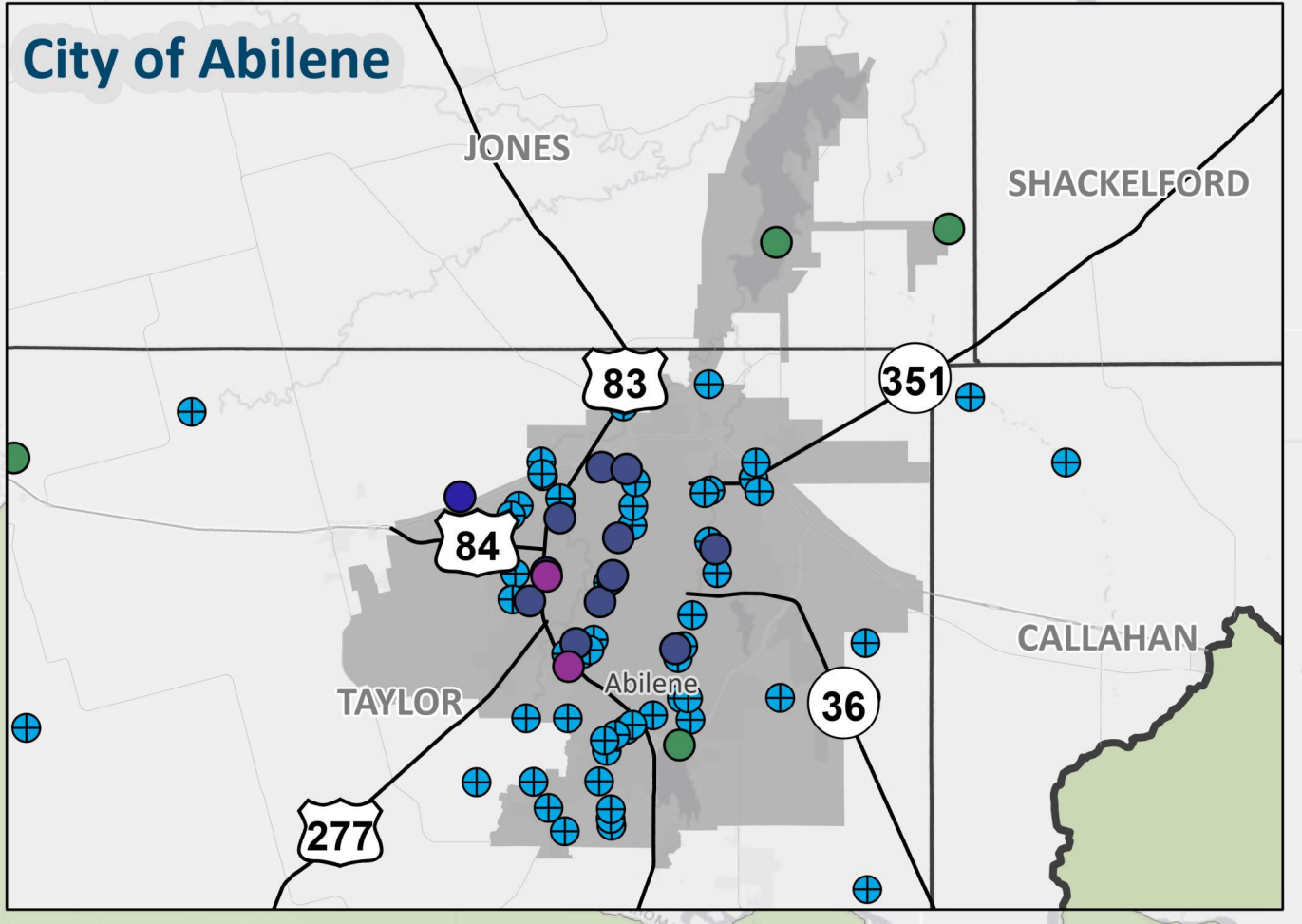
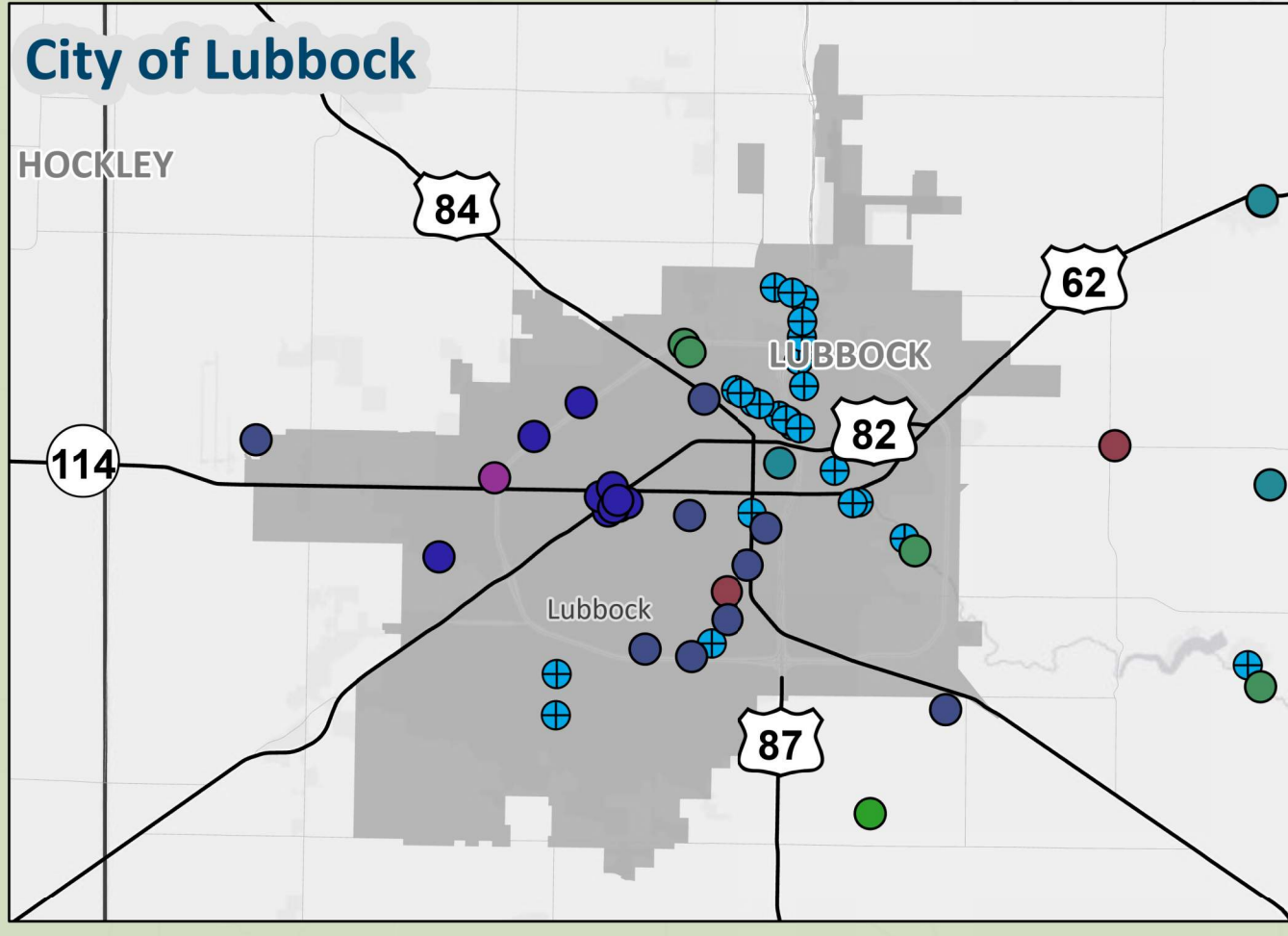
0 3 6 12 Miles



Legend

Infrastructure Type

- Fire
- Infrastructure
- Medical
- Police
- Power Generation
- School
- Shelter
- Superfund Site
- Wastewater Treatment
- ⊕ Low Water Crossing
- Major Rivers
- Major Roadways



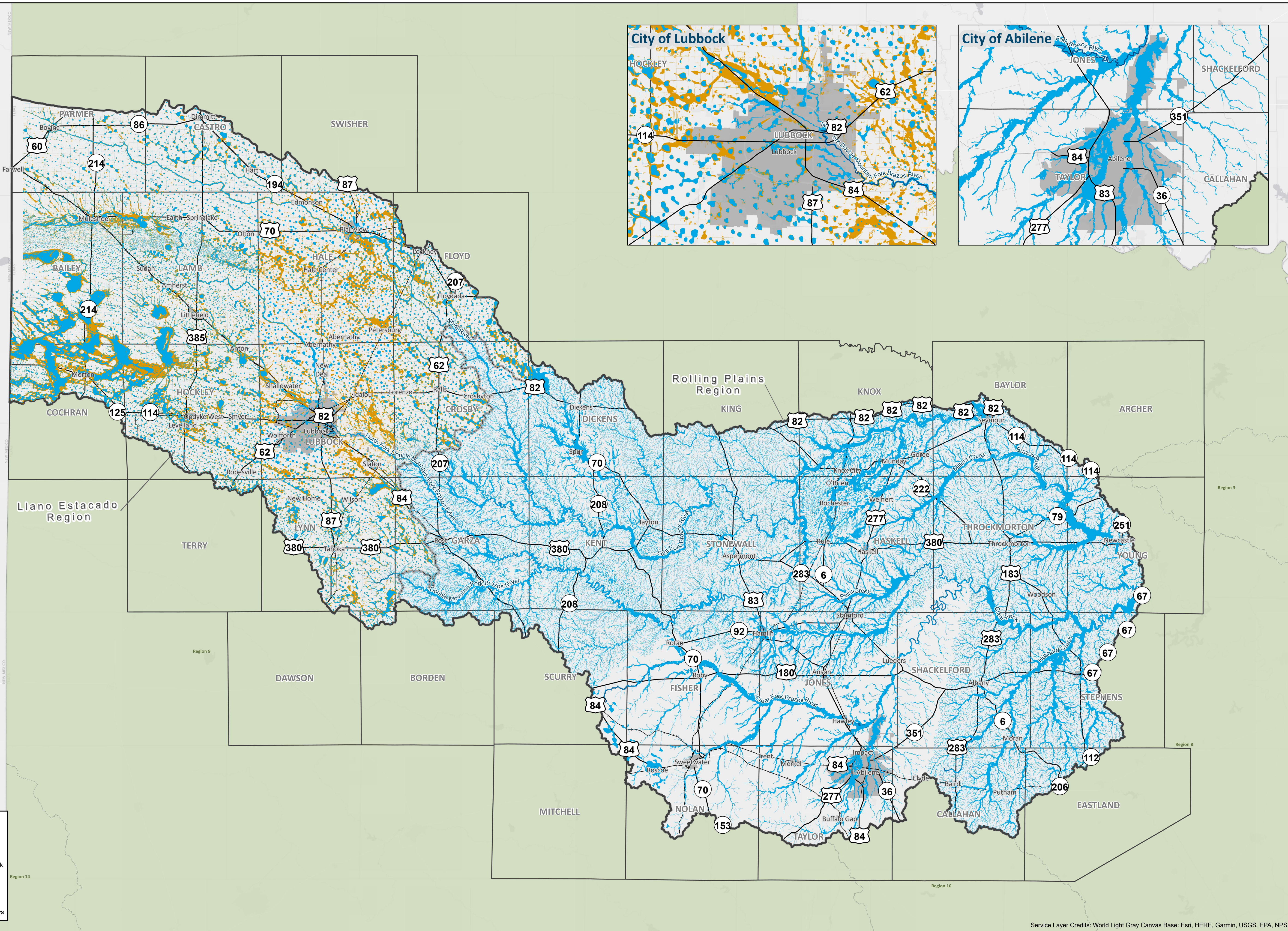
Existing Condition Critical Infrastructure At Risk

MAP 7B
Region 7

REGION 7 UPPER BRAZOS
2023 REGIONAL FLOOD PLAN

Service Layer Credits: World Light Gray Canvas Base: Esri, HERE, Garmin, USGS, EPA, NPS

0 3 6 12 Miles



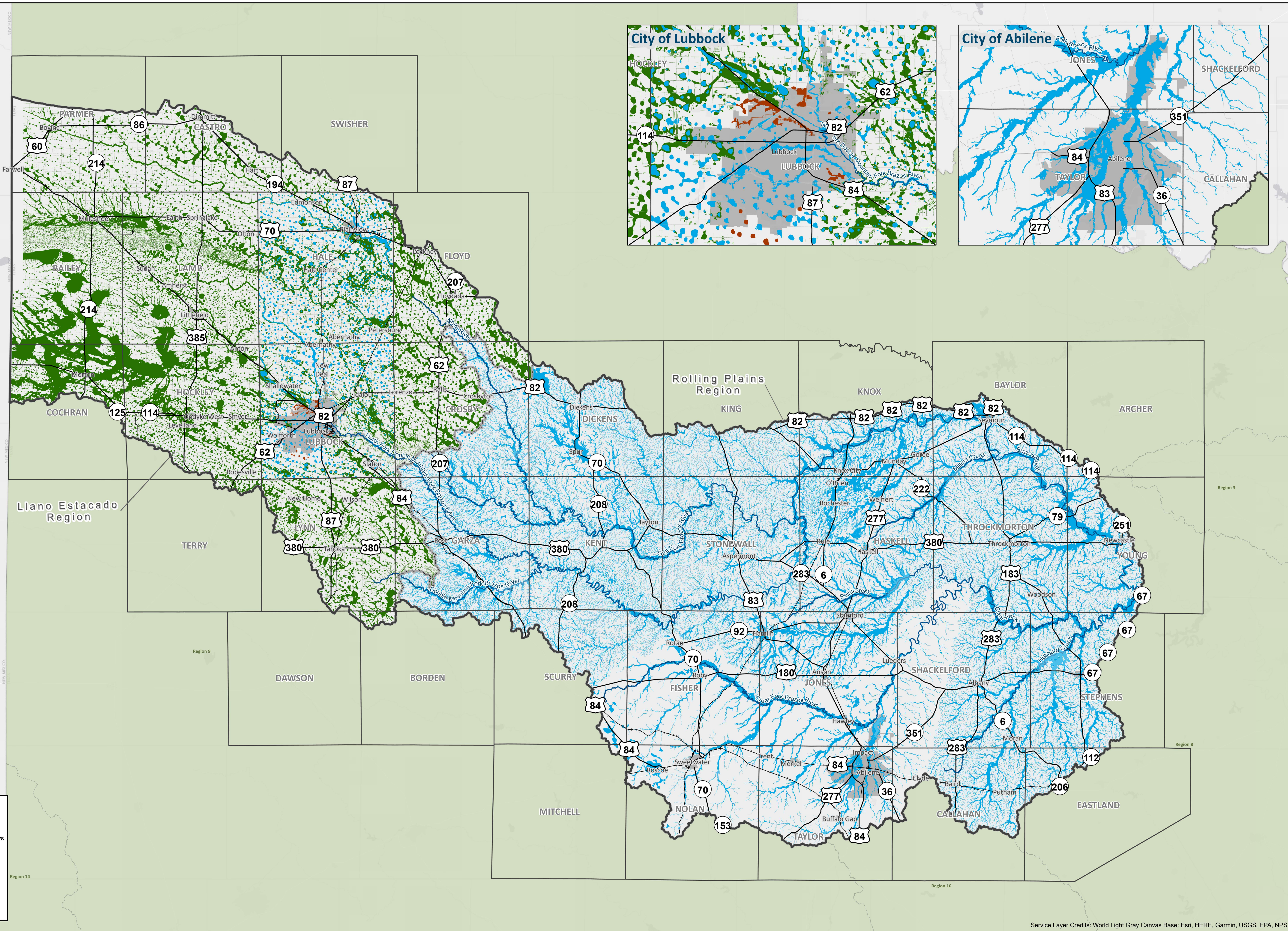
Legend

- 1% Flood Risk
- 0.2% Flood Risk
- Caprock
- Major Rivers
- Major Roadways



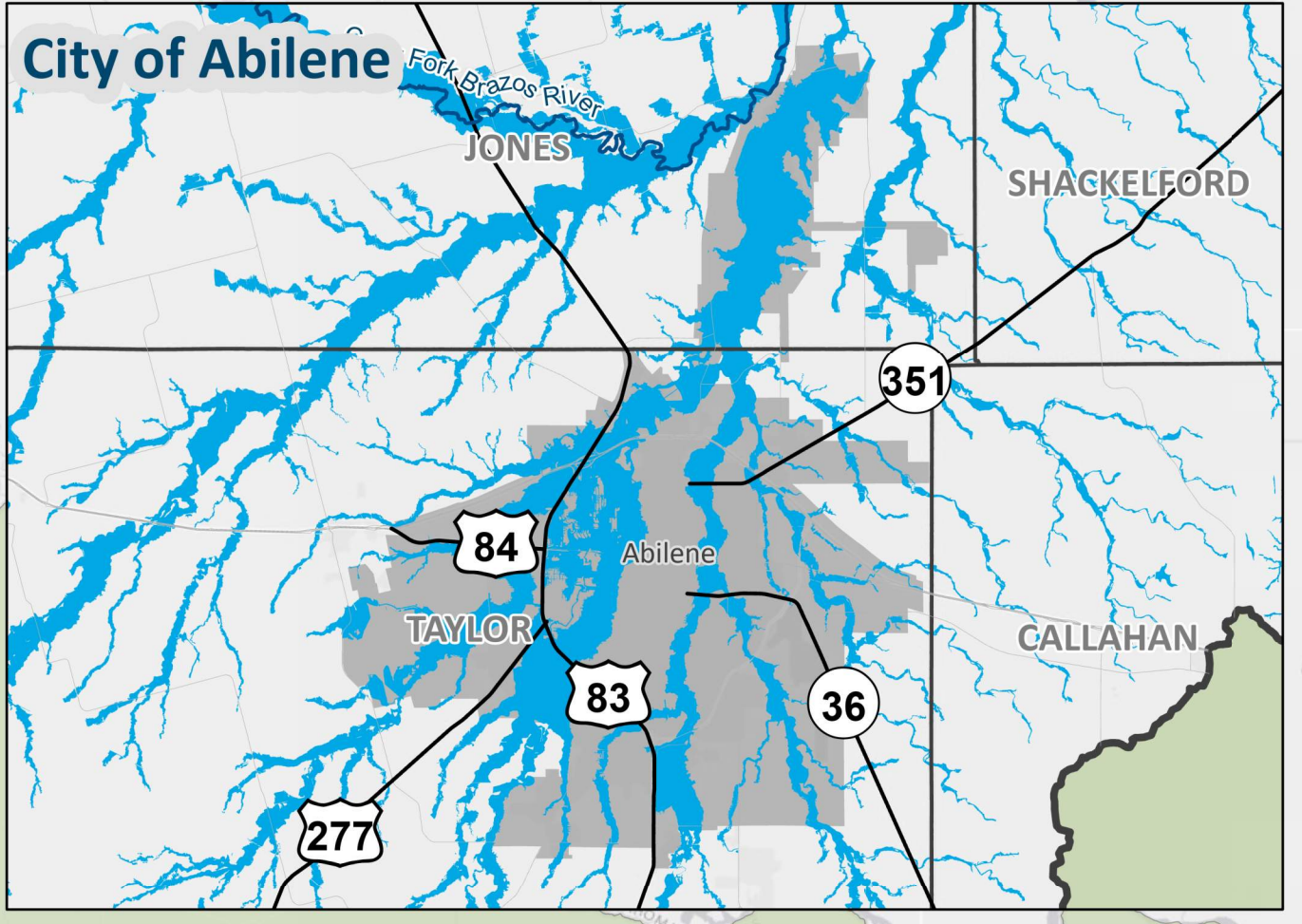
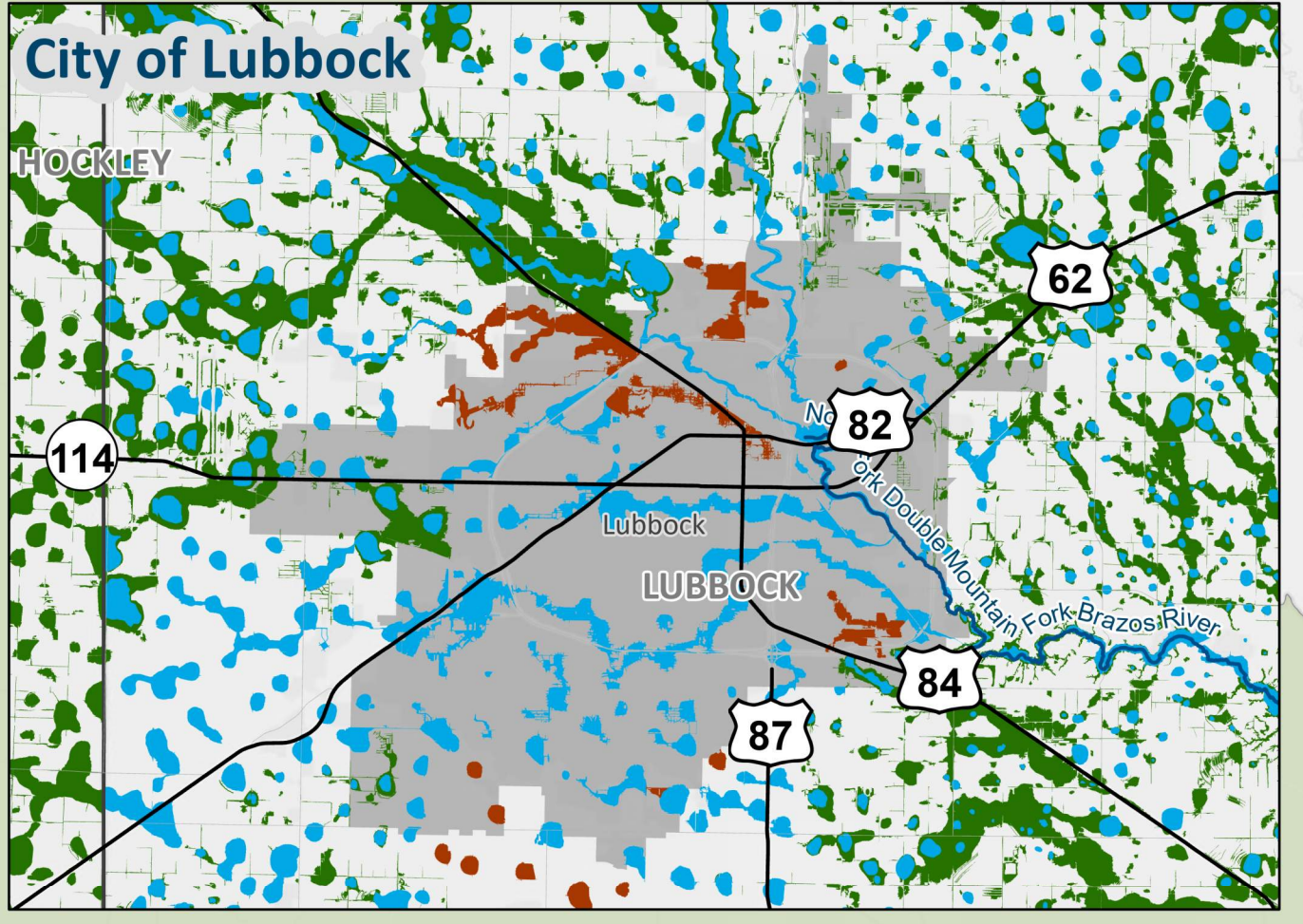
Service Layer Credits: World Light Gray Canvas Base: Esri, HERE, Garmin, USGS, EPA, NPS

0 3 6 12 Miles



Legend

- Major Rivers
- Major Roadways
- Flood Risk Type**
 - Riverine
 - Playa
 - Local
 - Caprock



Future Condition Flood Hazard
FLOOD RISK TYPE
 REGION 7 UPPER BRAZOS
 2023 REGIONAL FLOOD PLAN



MAP 8
Region 7

Service Layer Credits: World Light Gray Canvas Base: Esri, HERE, Garmin, USGS, EPA, NPS