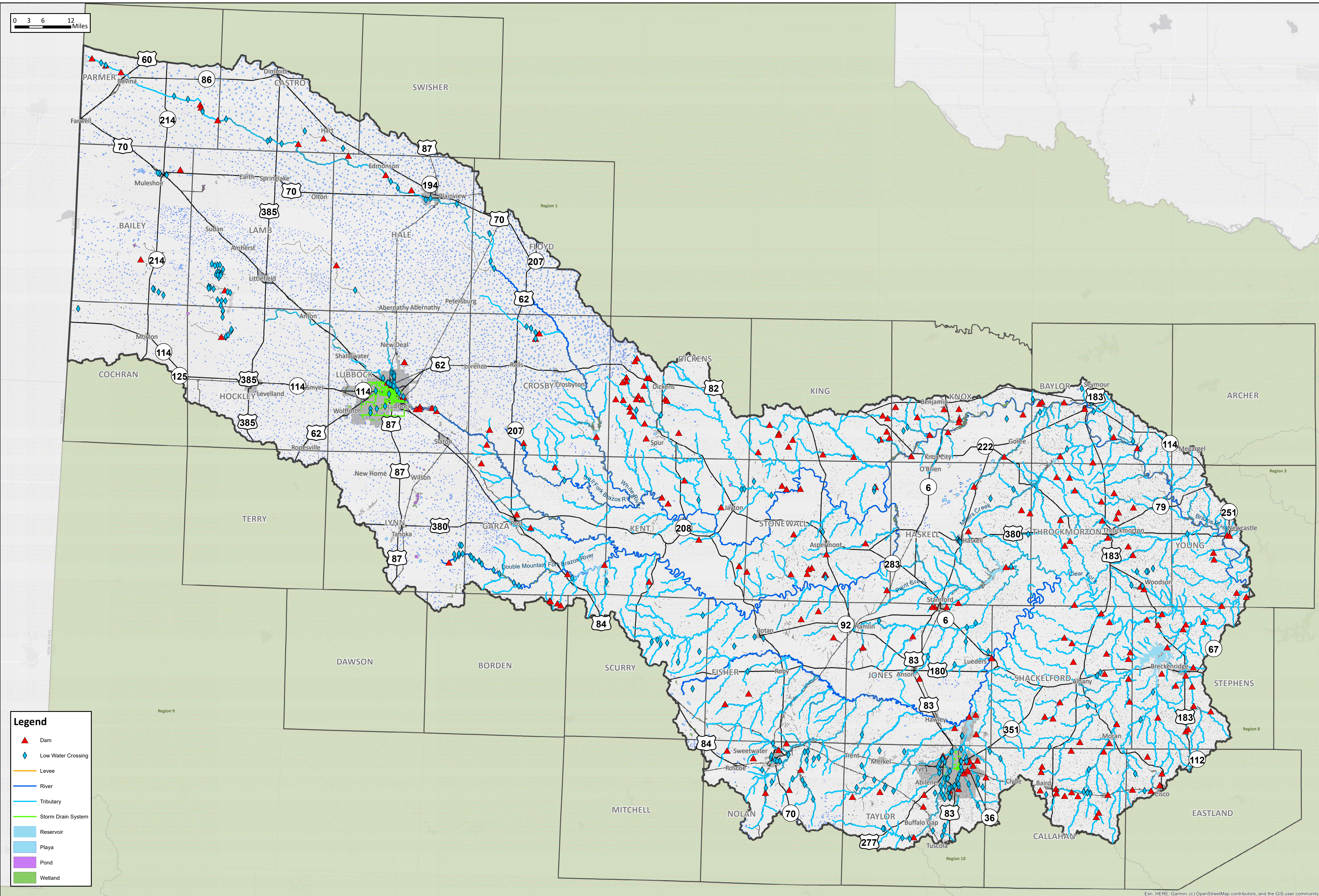








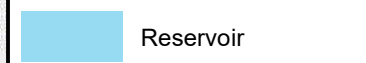



APPENDIX A - REQUIRED MAPS

- 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



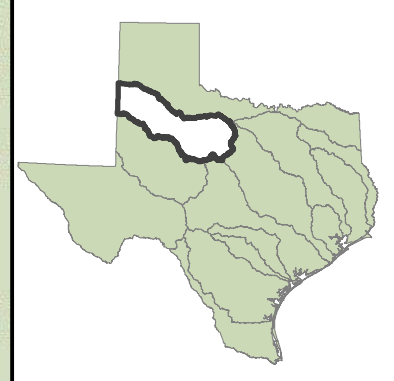
Legend

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

Existing Flood Infrastructure

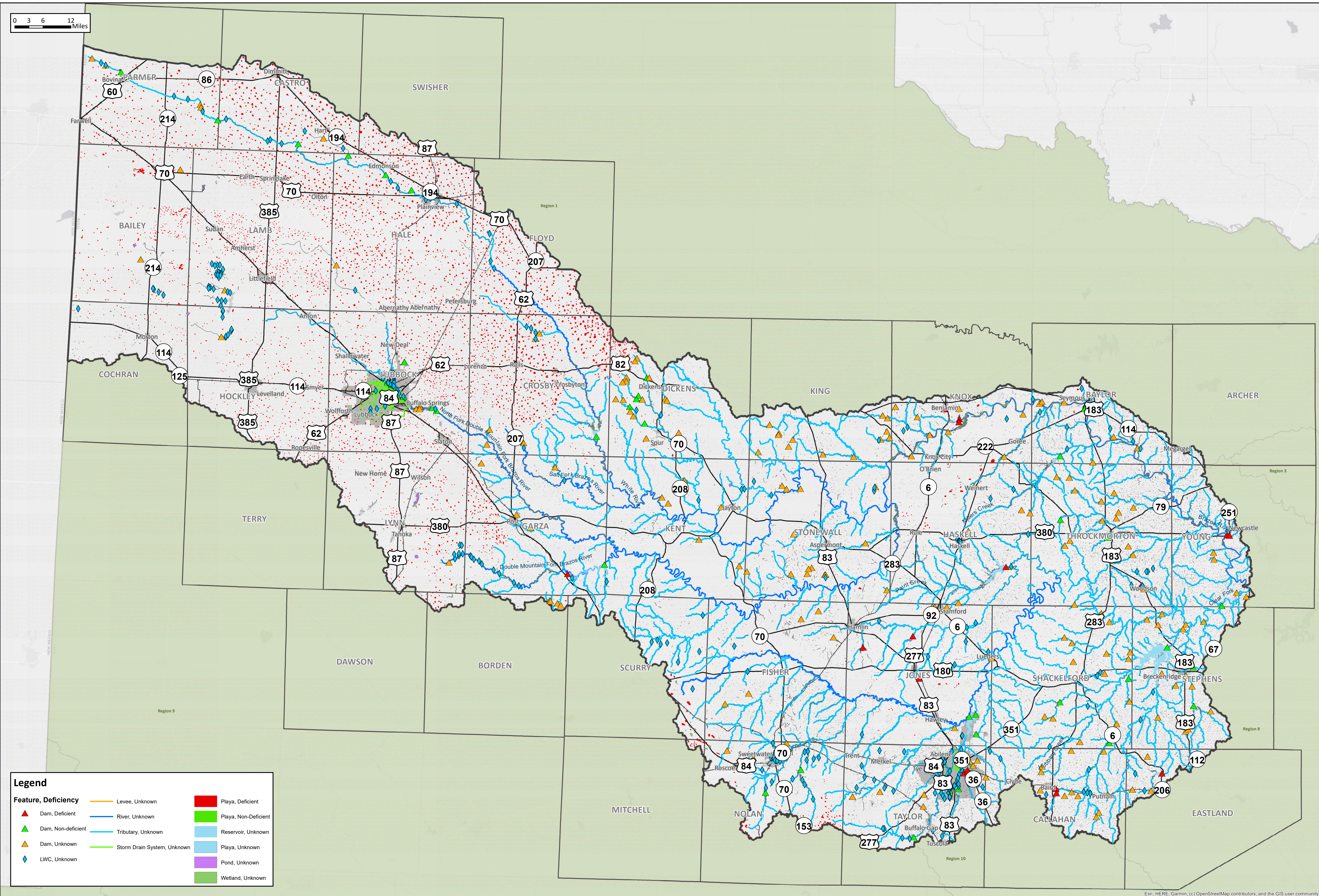
MAP 01
Region 7

REGION 7 UPPER BRAZOS
2023 REGIONAL FLOOD PLAN



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0 3 6 12 Miles



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



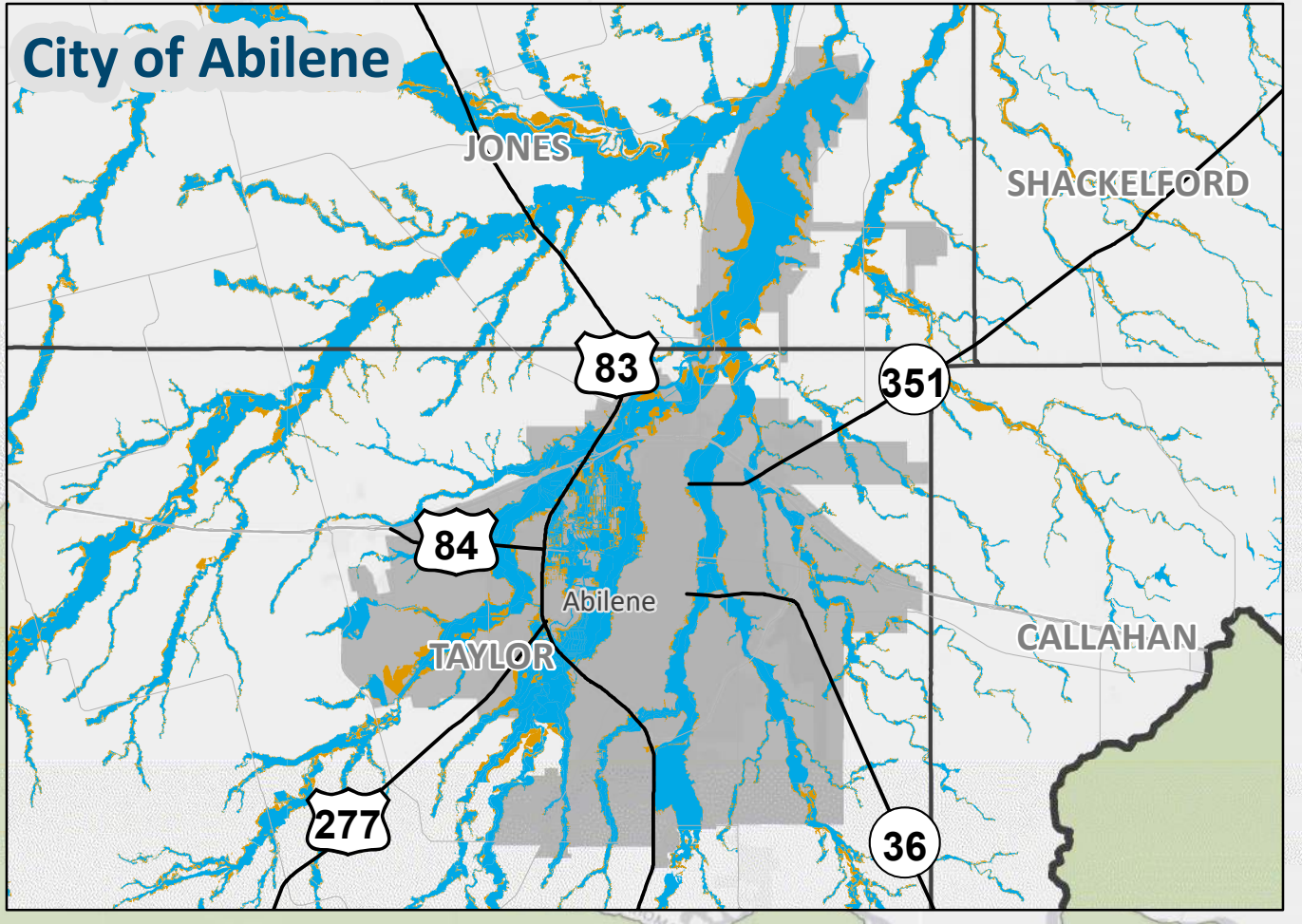
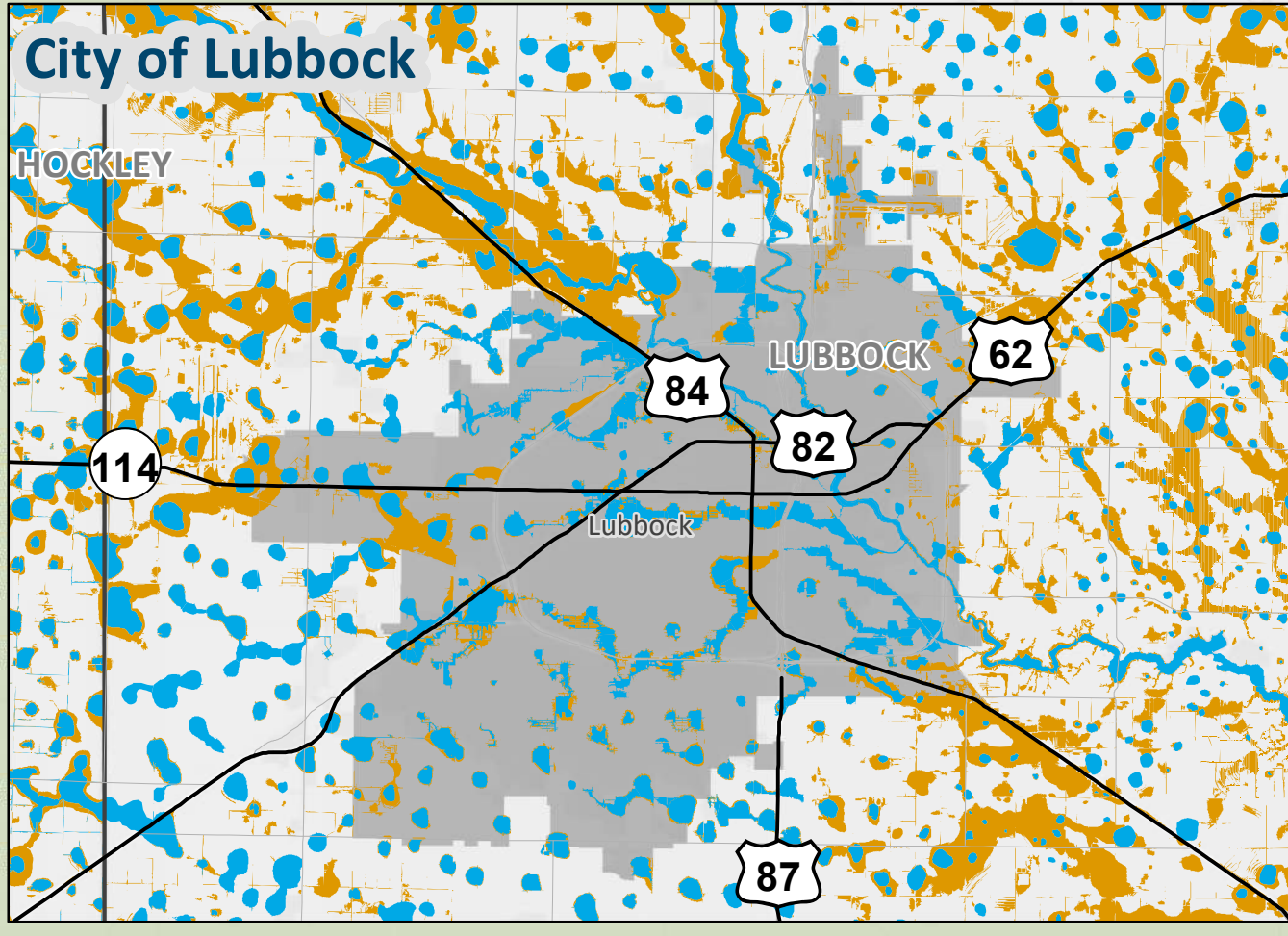
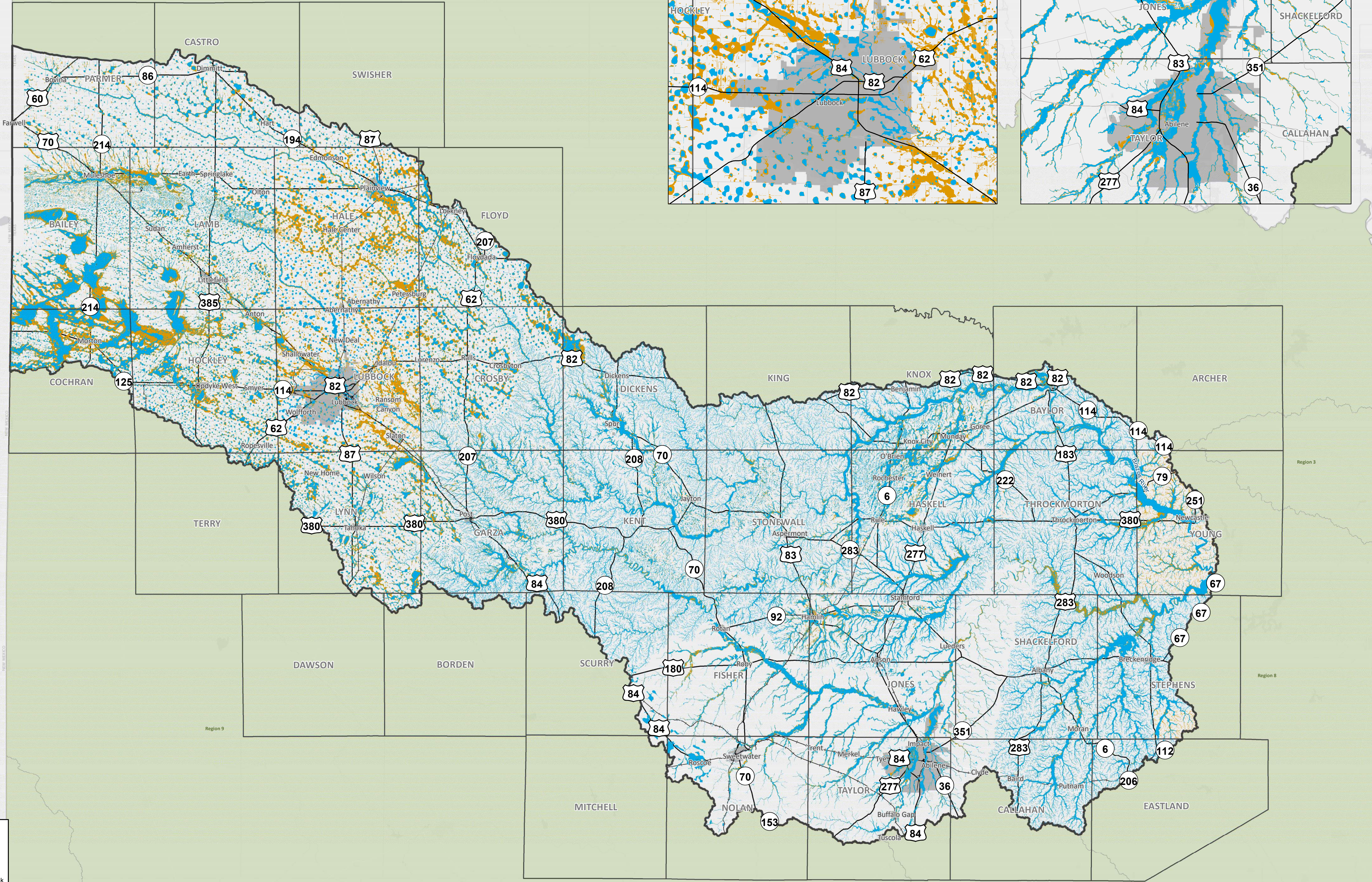
Function of Flood Mitigation Features

MAP 03
Region 7

REGION 7 UPPER BRAZOS
2023 REGIONAL FLOOD PLAN

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0 3 6 12 Miles



Legend

Flood Frequency

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

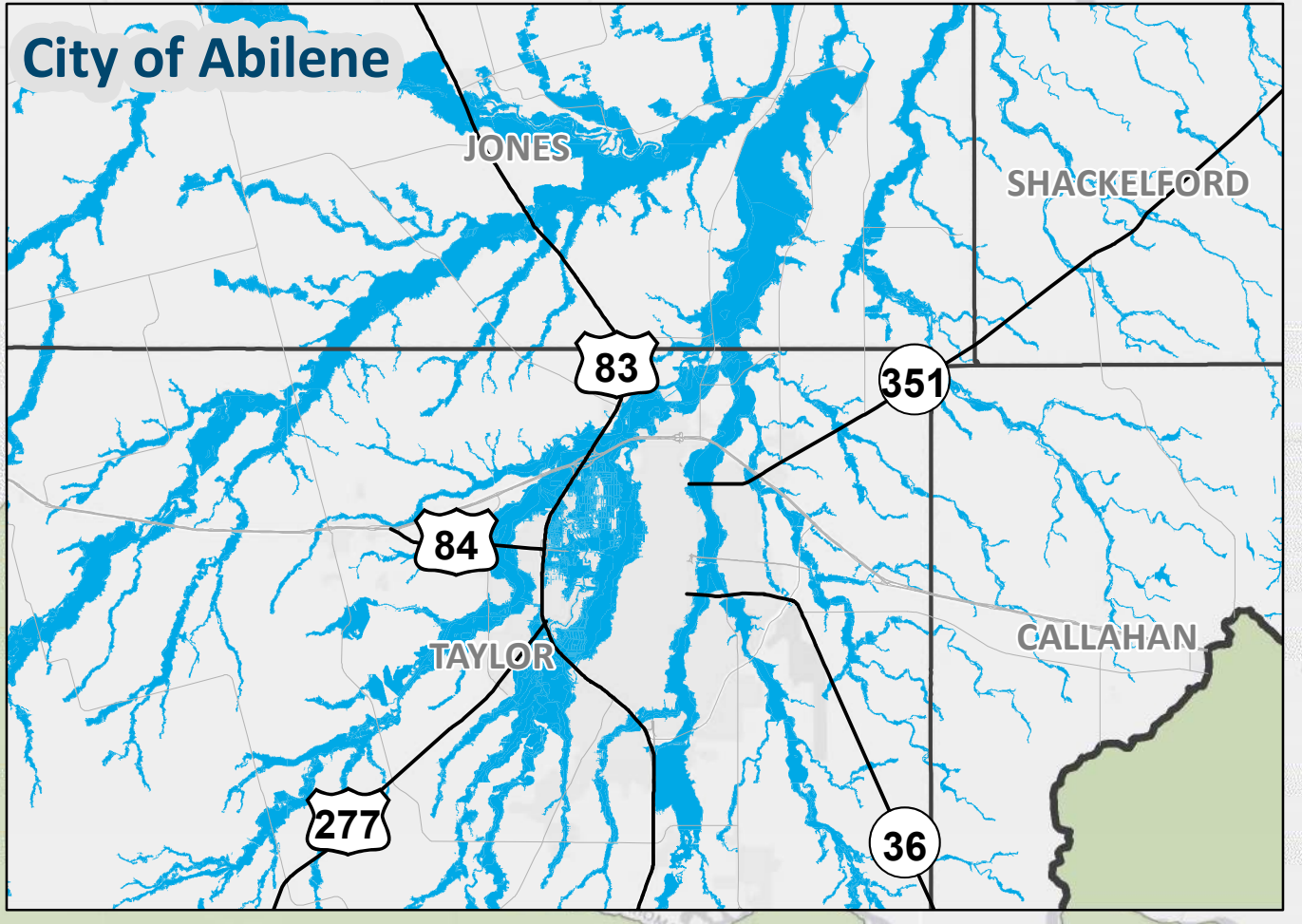
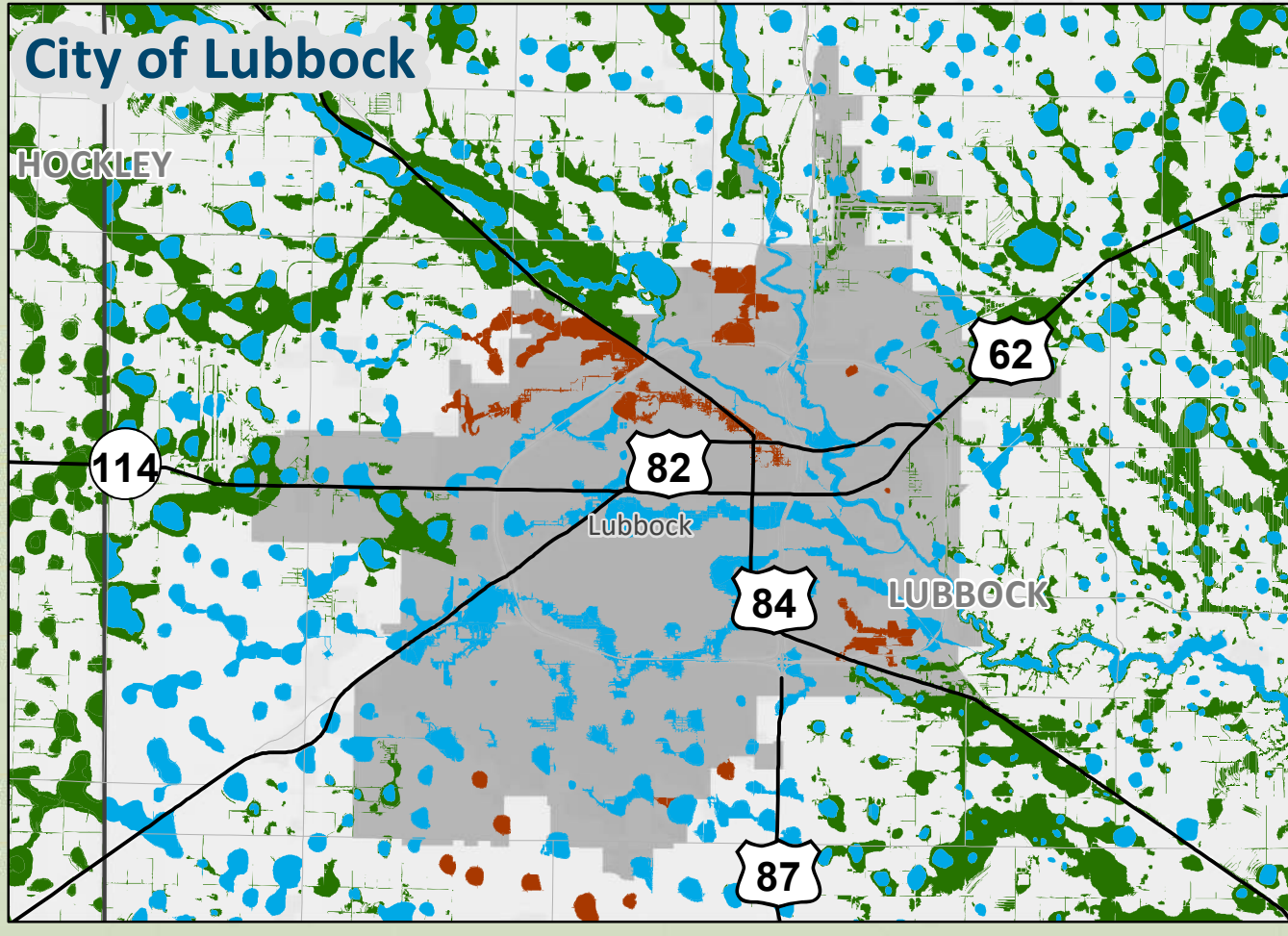
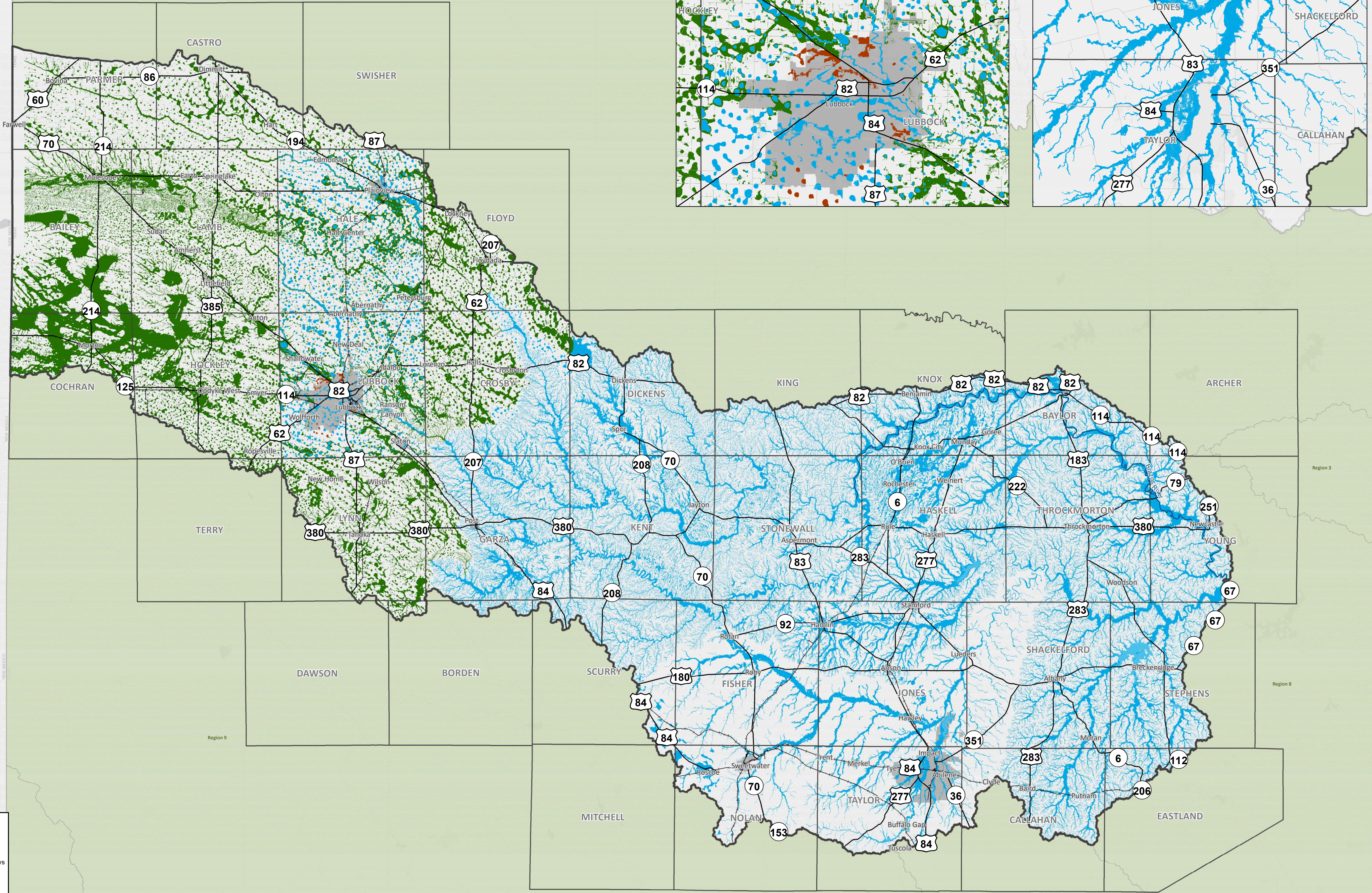
Existing Condition Flood Hazard
FLOOD FREQUENCY
REGION 7 UPPER BRAZOS
2023 REGIONAL FLOOD PLAN



MAP 4
Region 7

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0 3 6 12 Miles



Legend

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

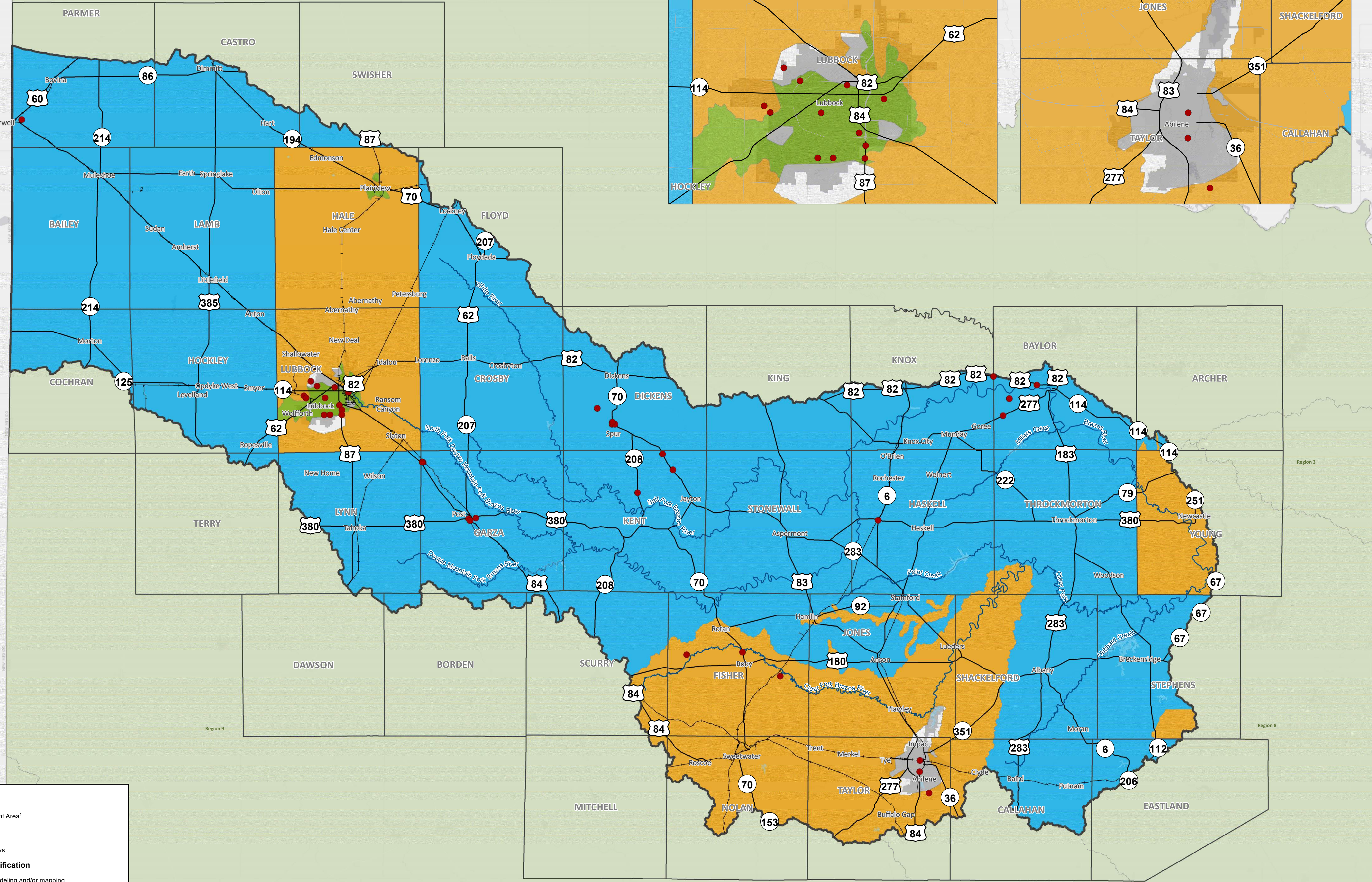
Existing Condition Flood Hazard
FLOOD RISK TYPE
 REGION 7 UPPER BRAZOS
 2023 REGIONAL FLOOD PLAN



MAP 4
Region 7

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

0 3 6 12 Miles



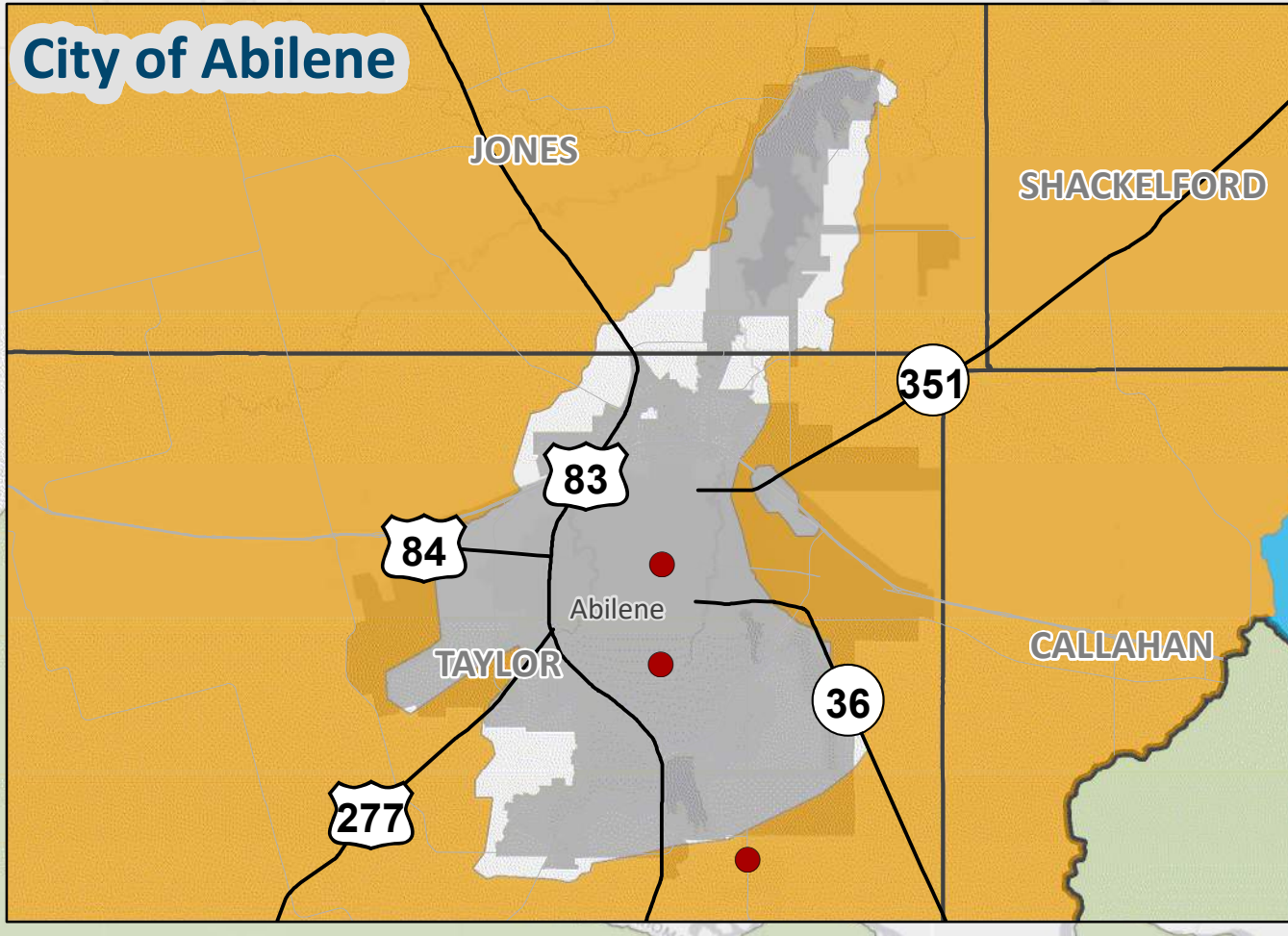
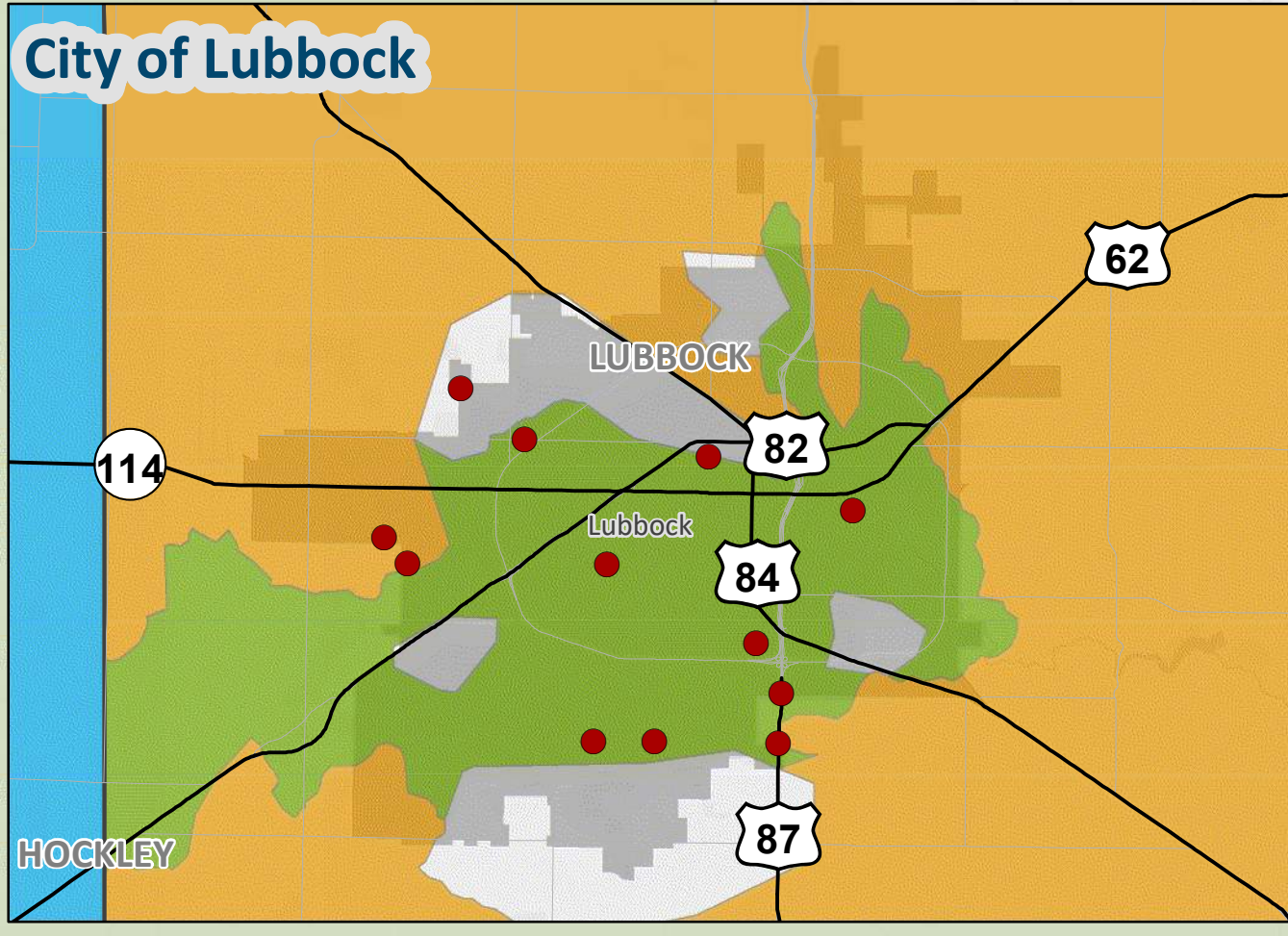
Legend

- 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.



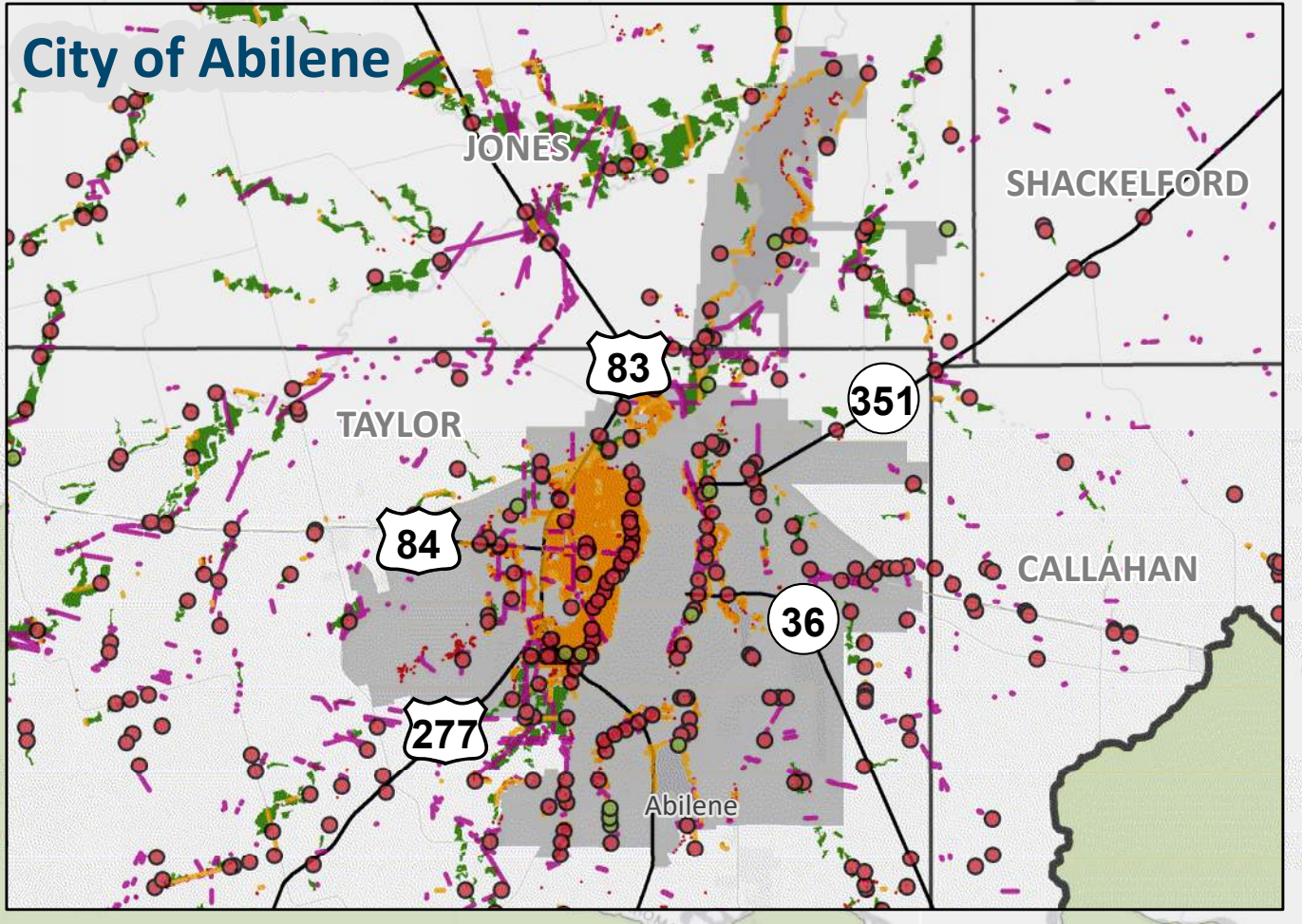
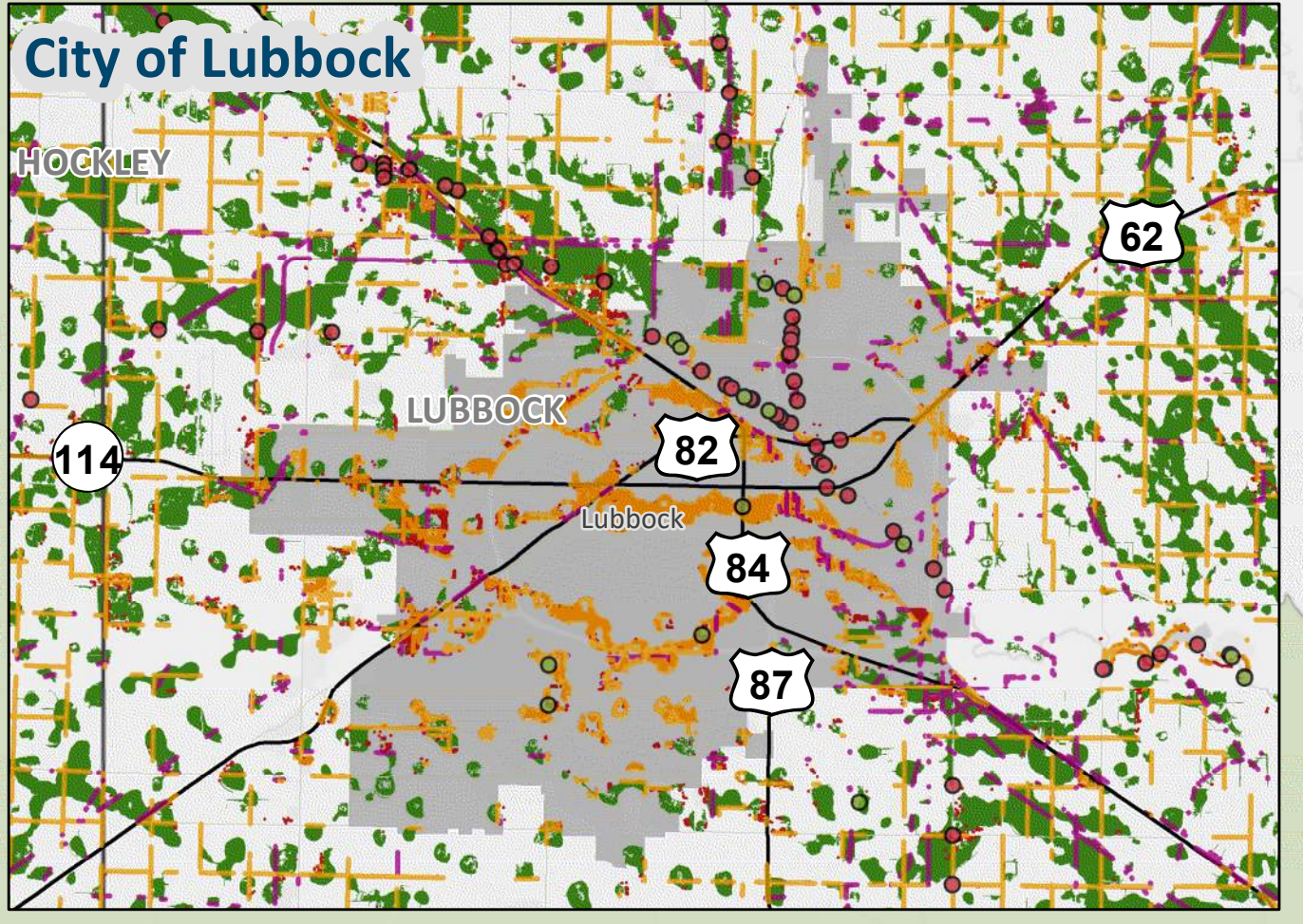
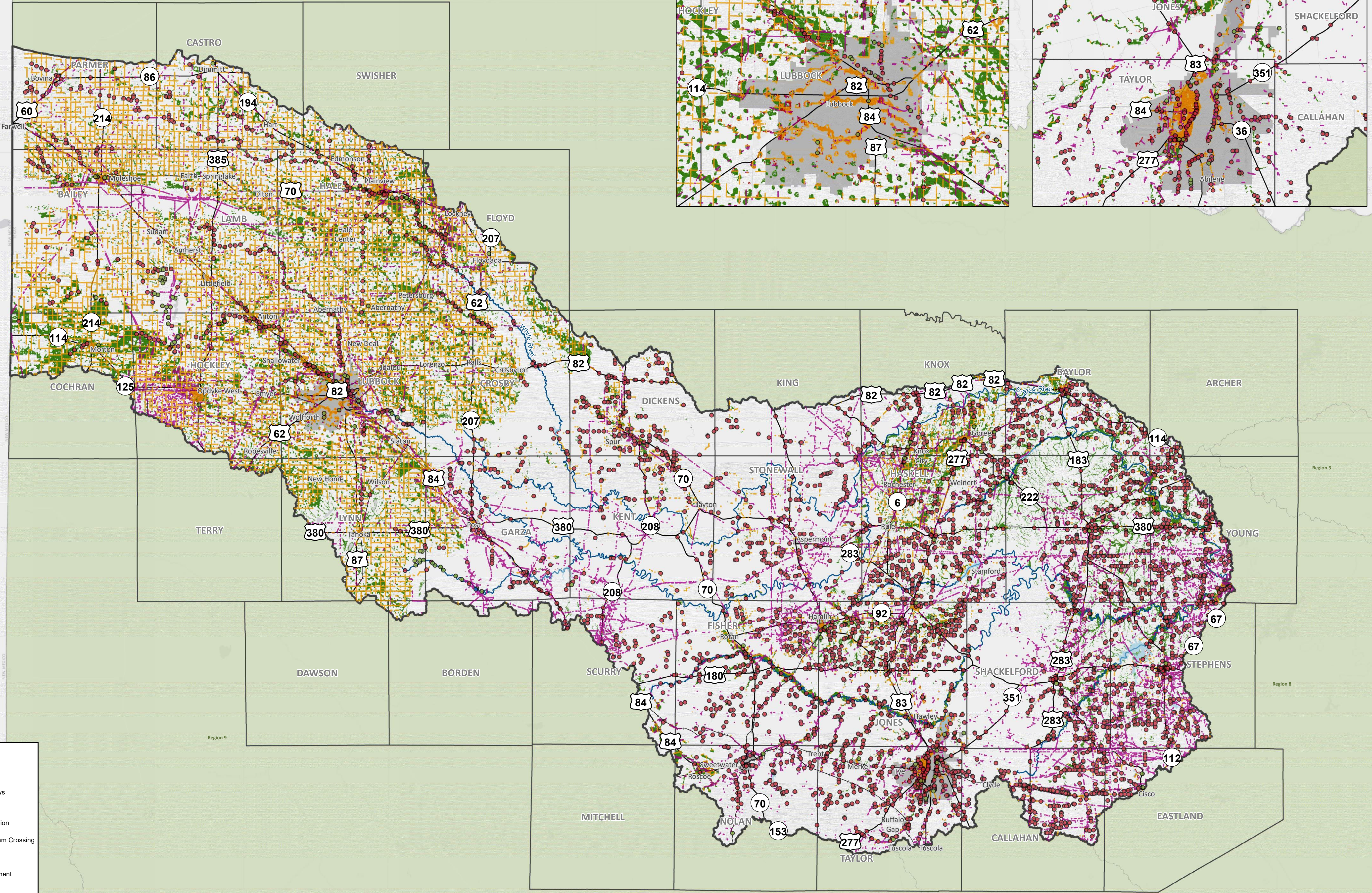
Existing Condition Flood Hazard -

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

REGION 7 UPPER BRAZOS
2023 REGIONAL FLOOD PLAN



0 3 6 12 Miles



Legend

- Major Rivers
- Major Roadways
- Exposure Type**
 - Power Generation
 - 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.

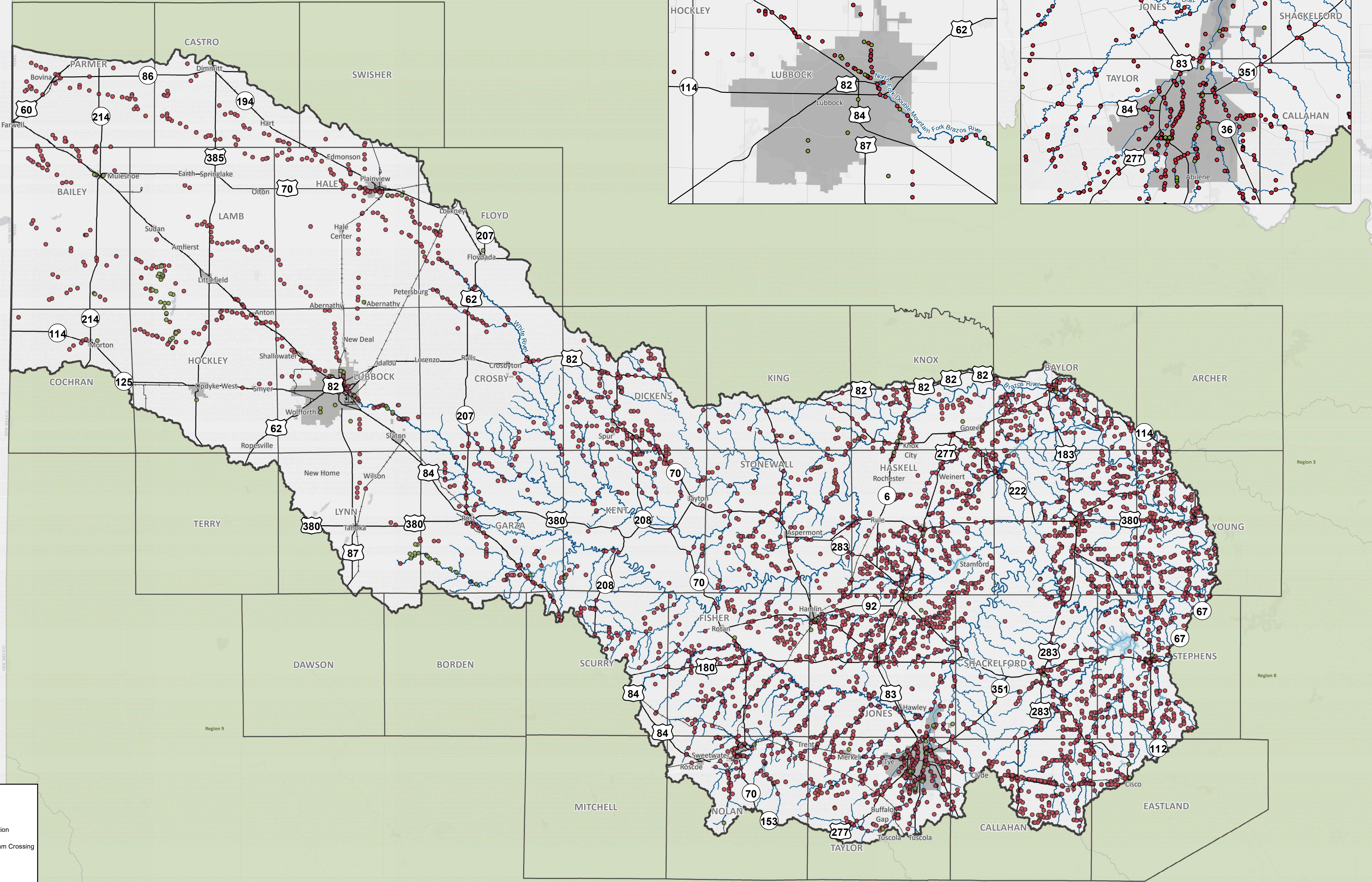
Existing Condition Flood Exposure

REGION 7 UPPER BRAZOS
2023 REGIONAL FLOOD PLAN



MAP 6
Region 7

0 3 6 12 Miles

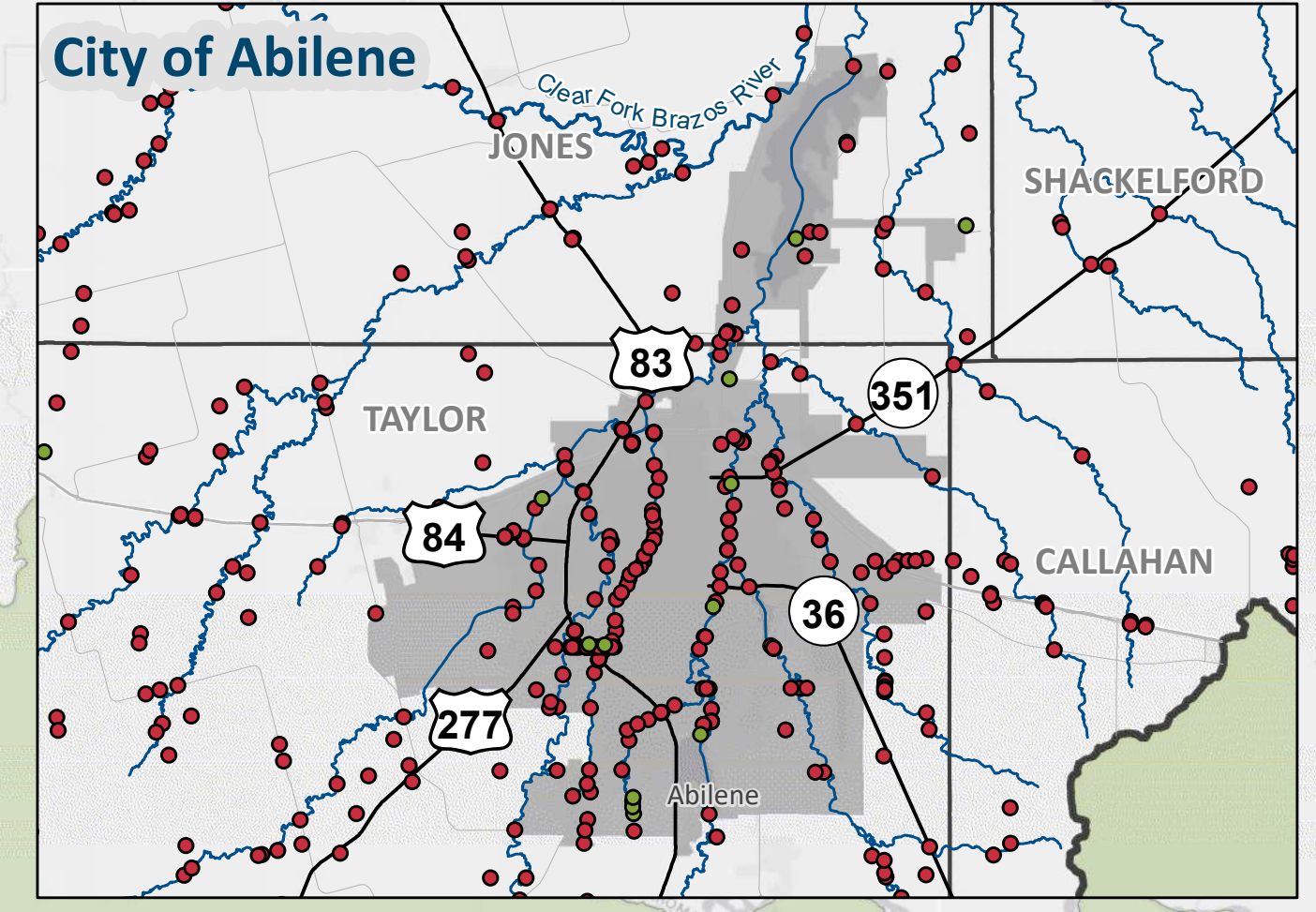
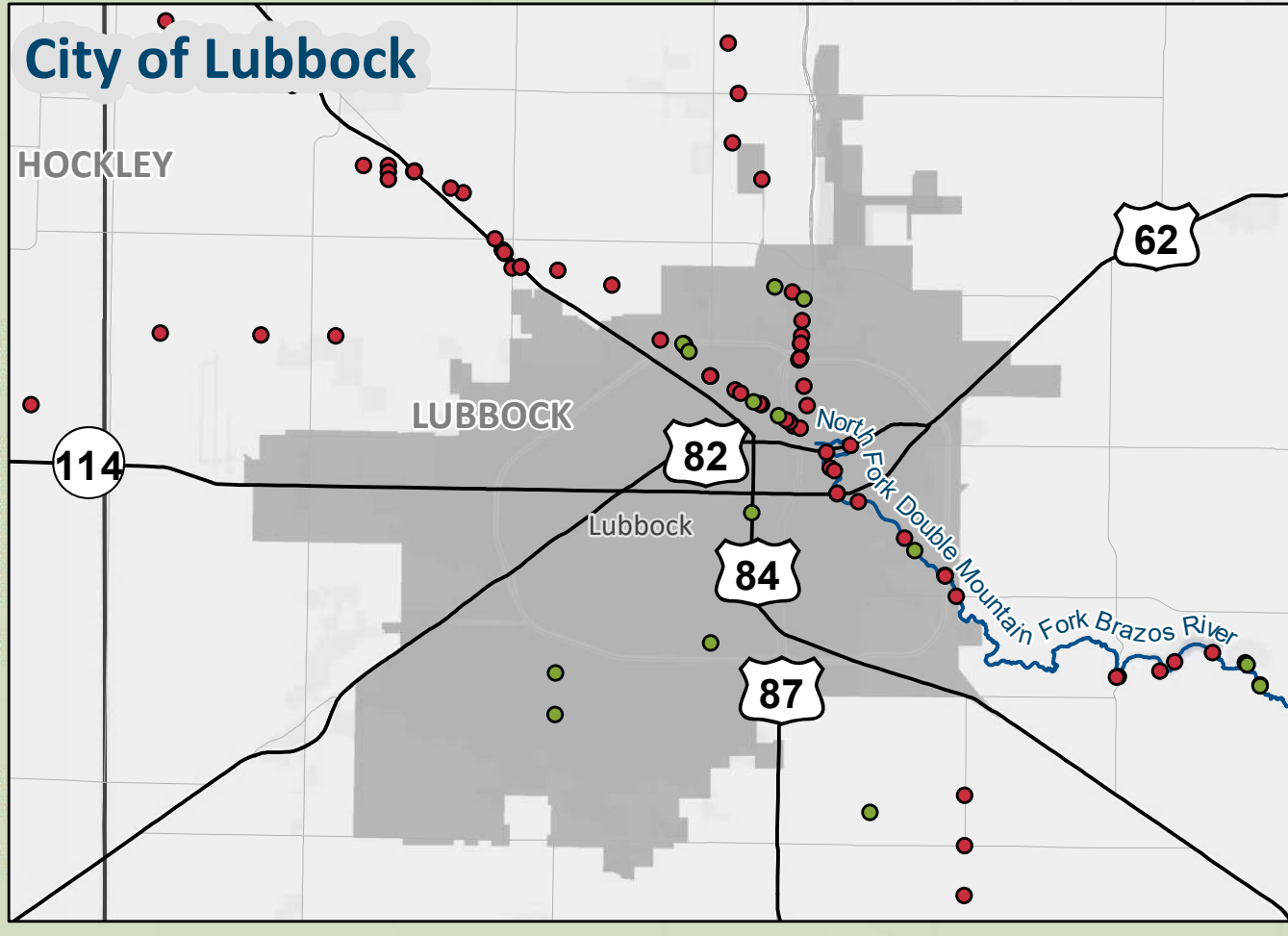


Legend

Exposure Type

- Power Generation
- Roadway Stream Crossing
- Other¹

- Major Rivers
- Streams
- Major Roadways



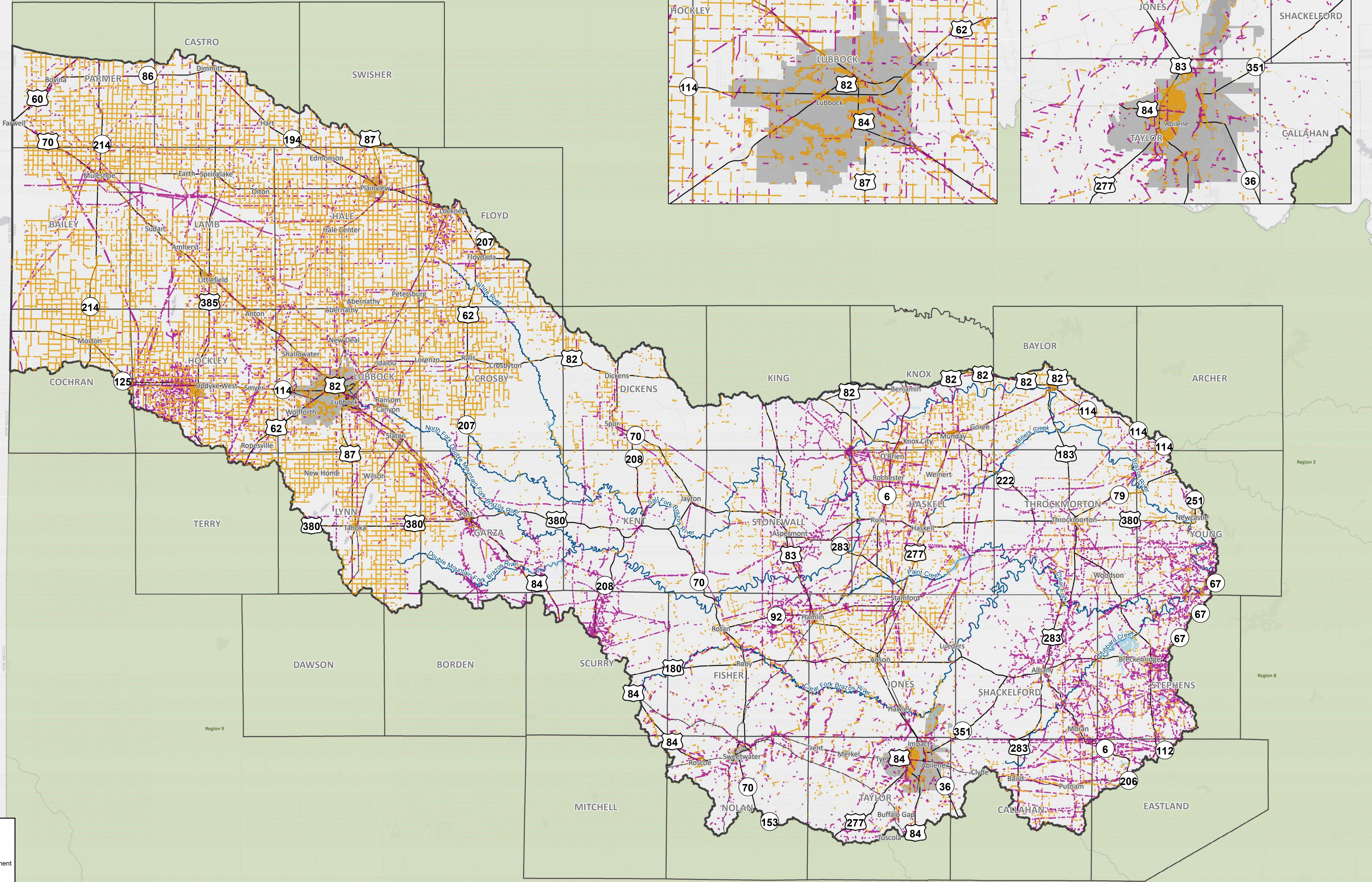
Existing Condition Flood Exposure

**MAP 6A
Region 7**

REGION 7 UPPER BRAZOS
2023 REGIONAL FLOOD PLAN



0 3 6 12 Miles

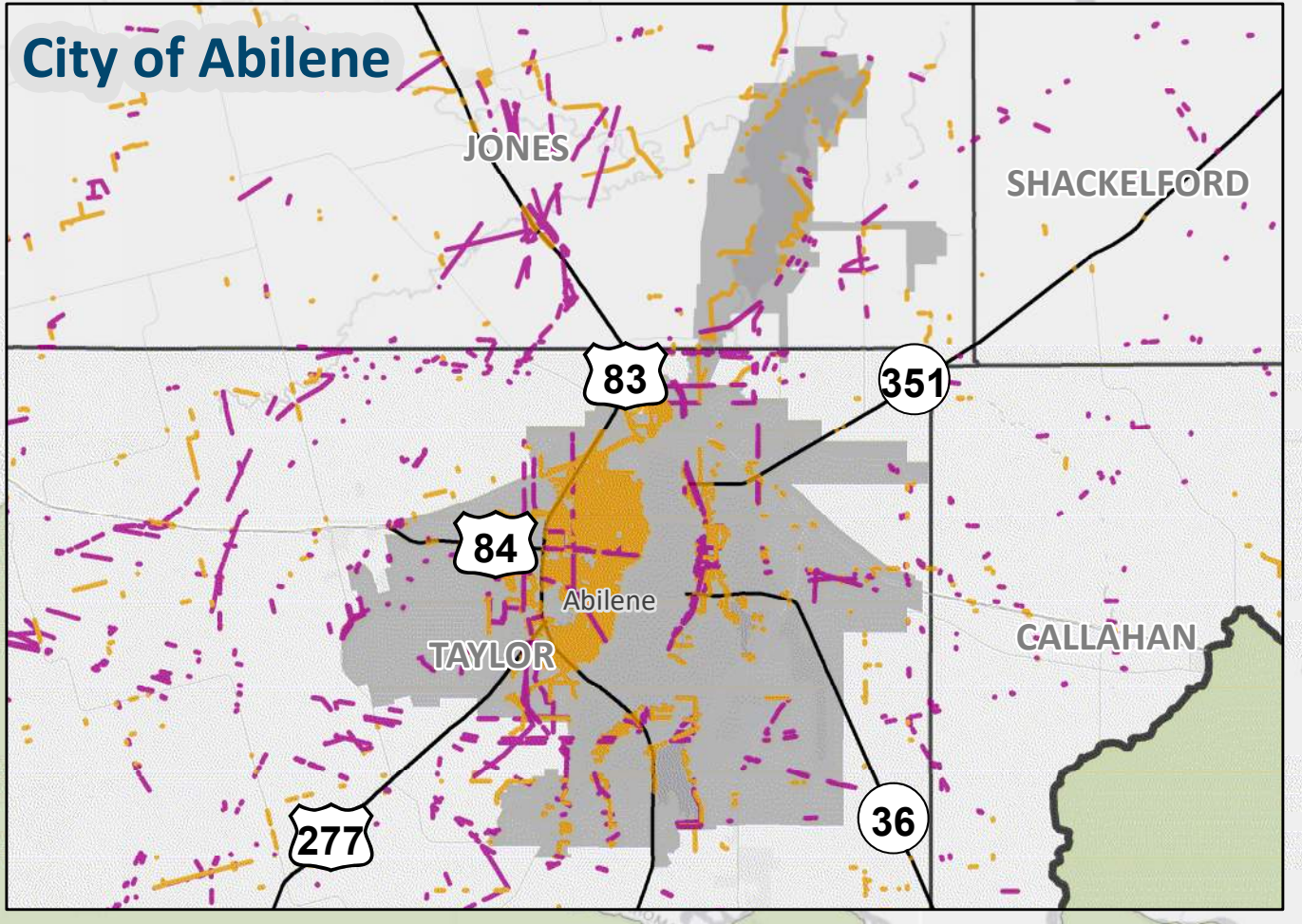
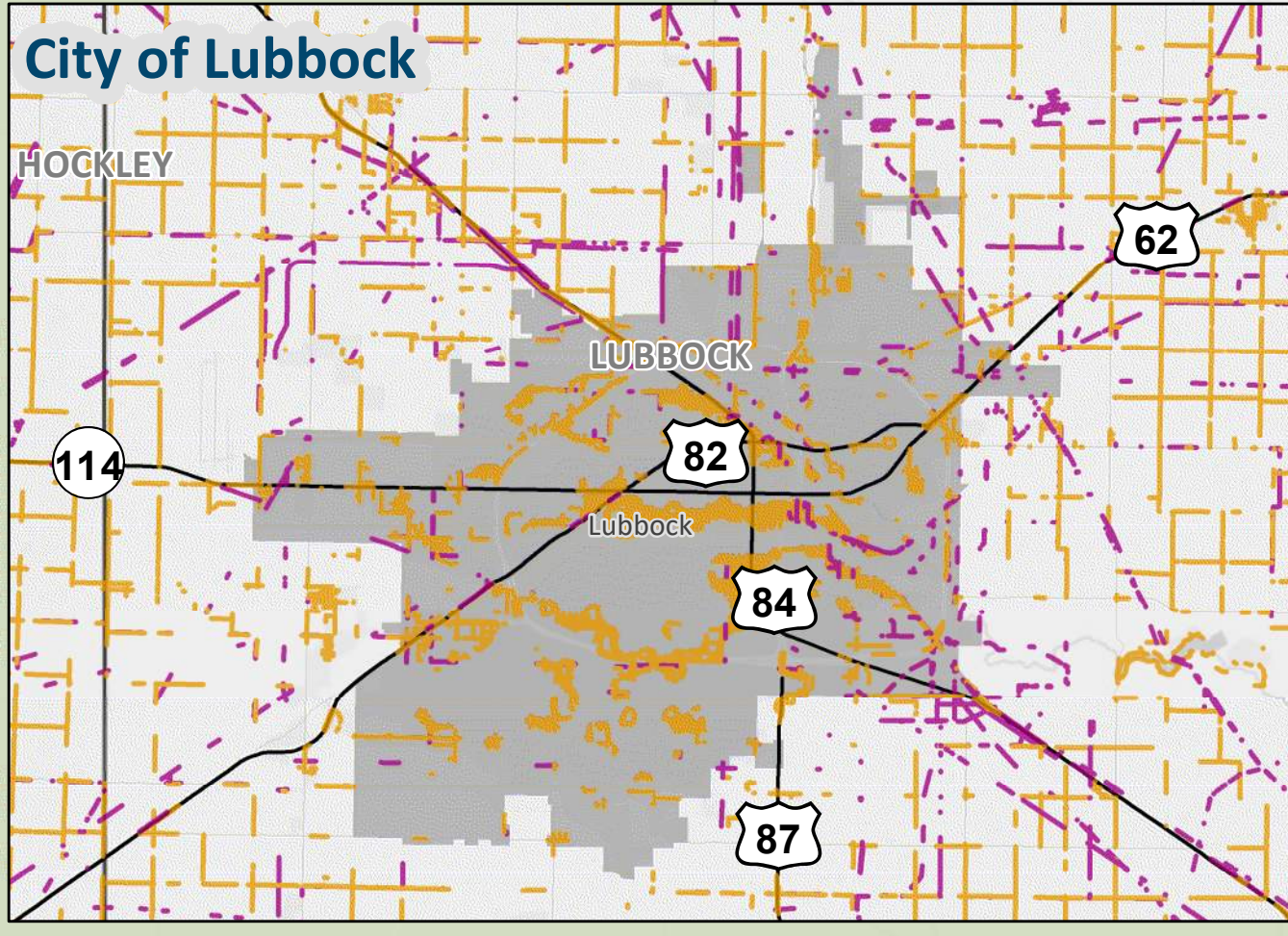


Legend

Exposure Type

- Roadway Segment
- Other¹
- Major Rivers
- Major Roadways

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



Existing Condition Flood Exposure

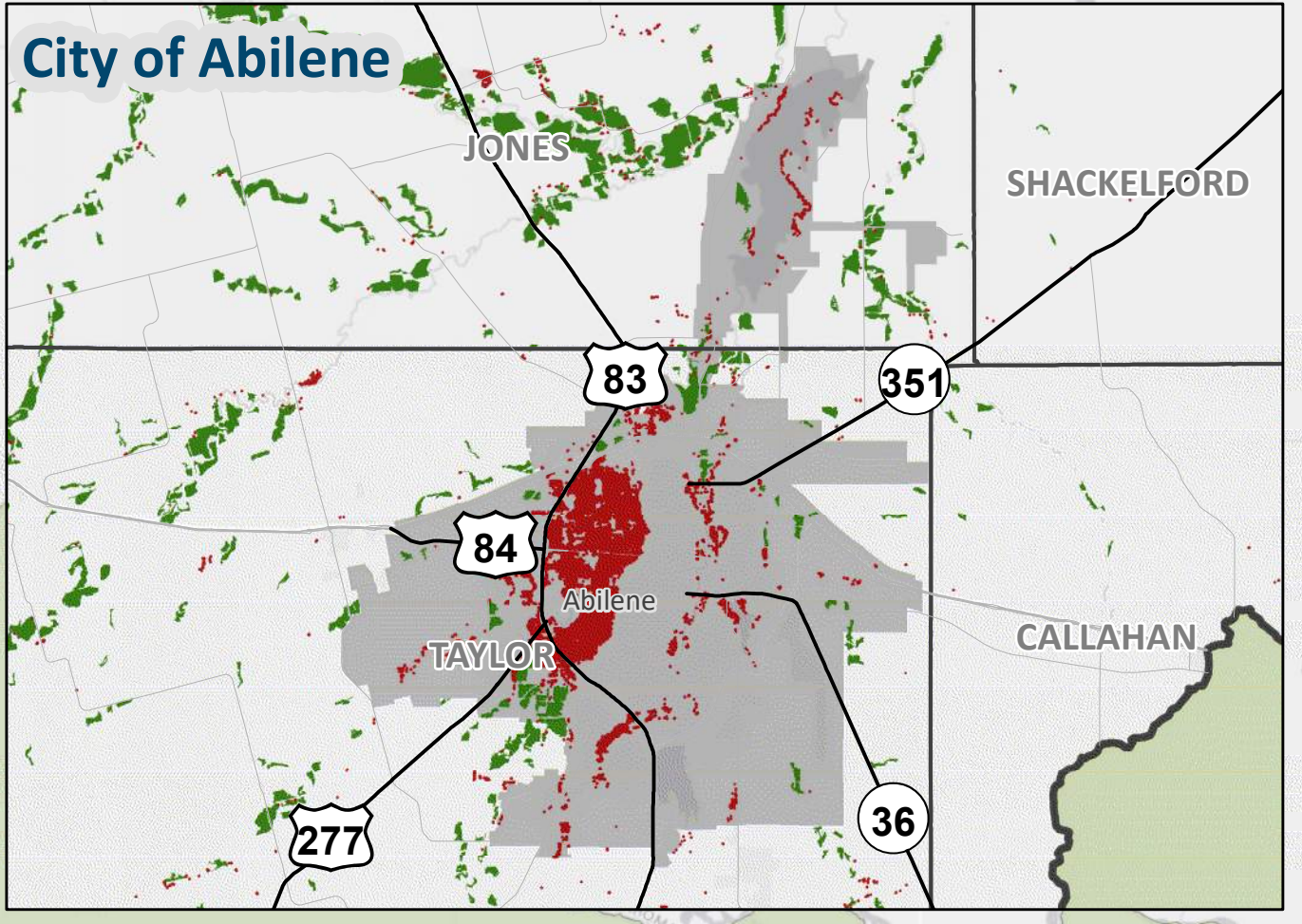
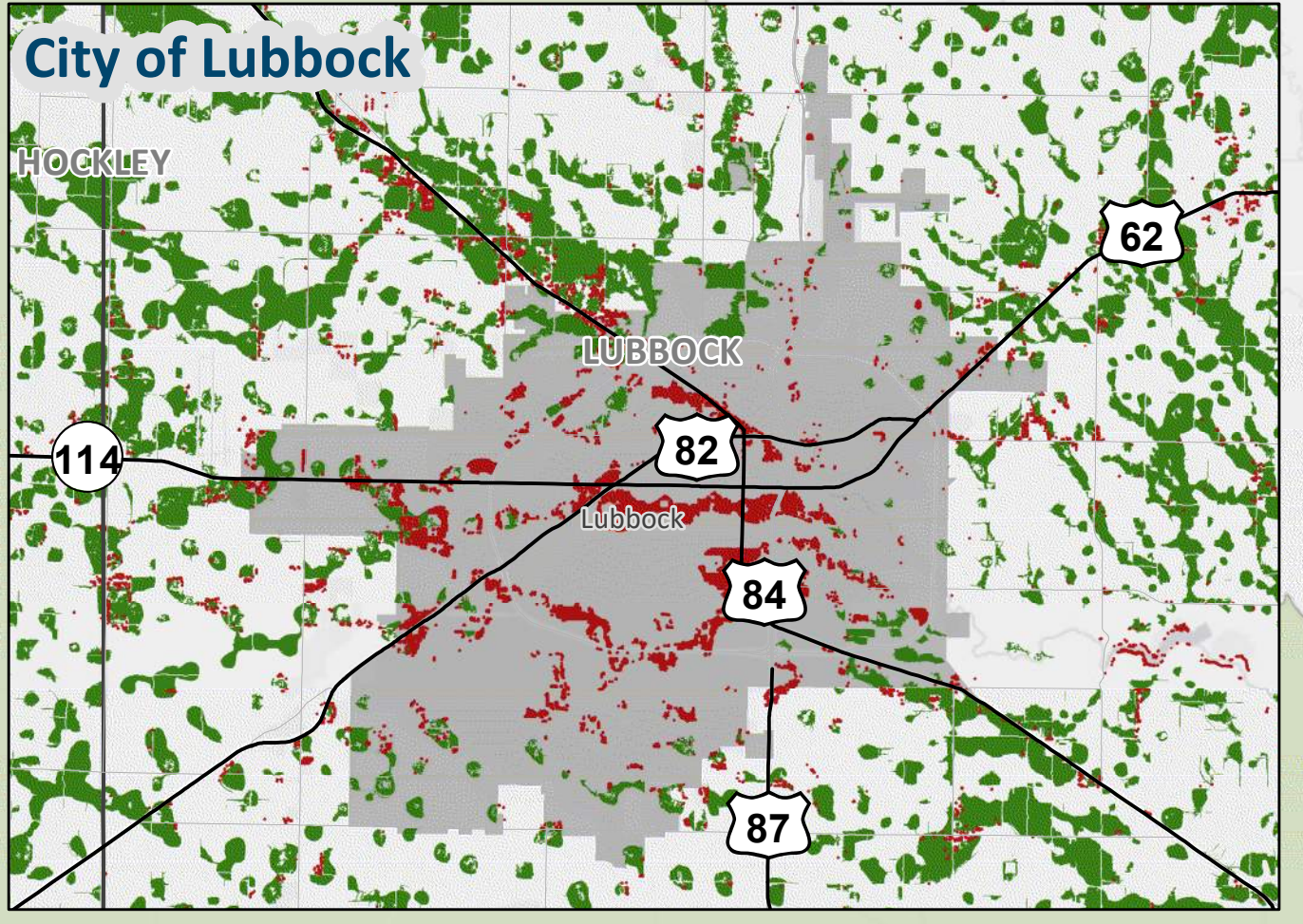
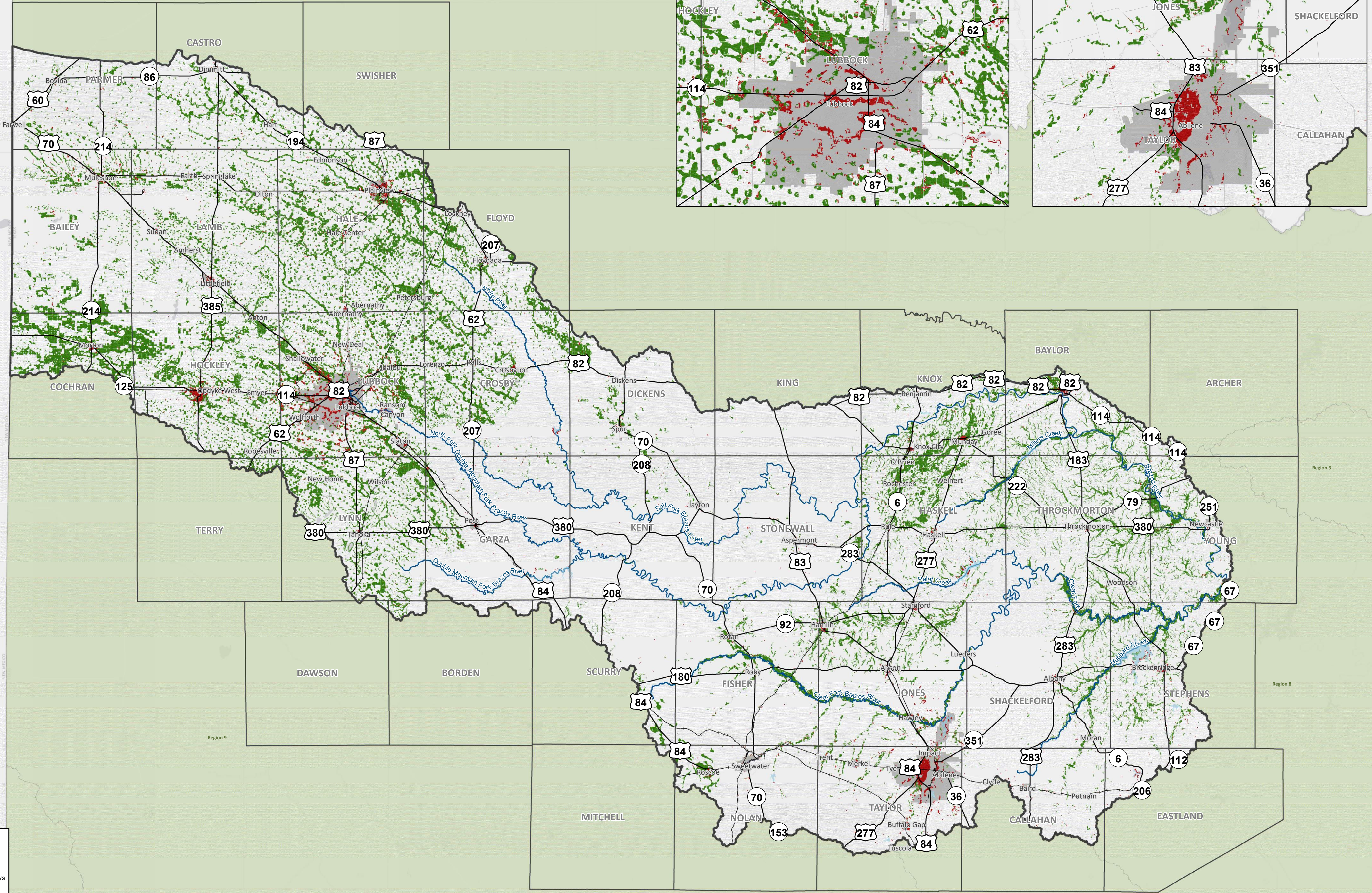
MAP 6B
Region 7

REGION 7 UPPER BRAZOS
2023 REGIONAL FLOOD PLAN



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0 3 6 12 Miles



Legend

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

Existing Condition Flood Exposure

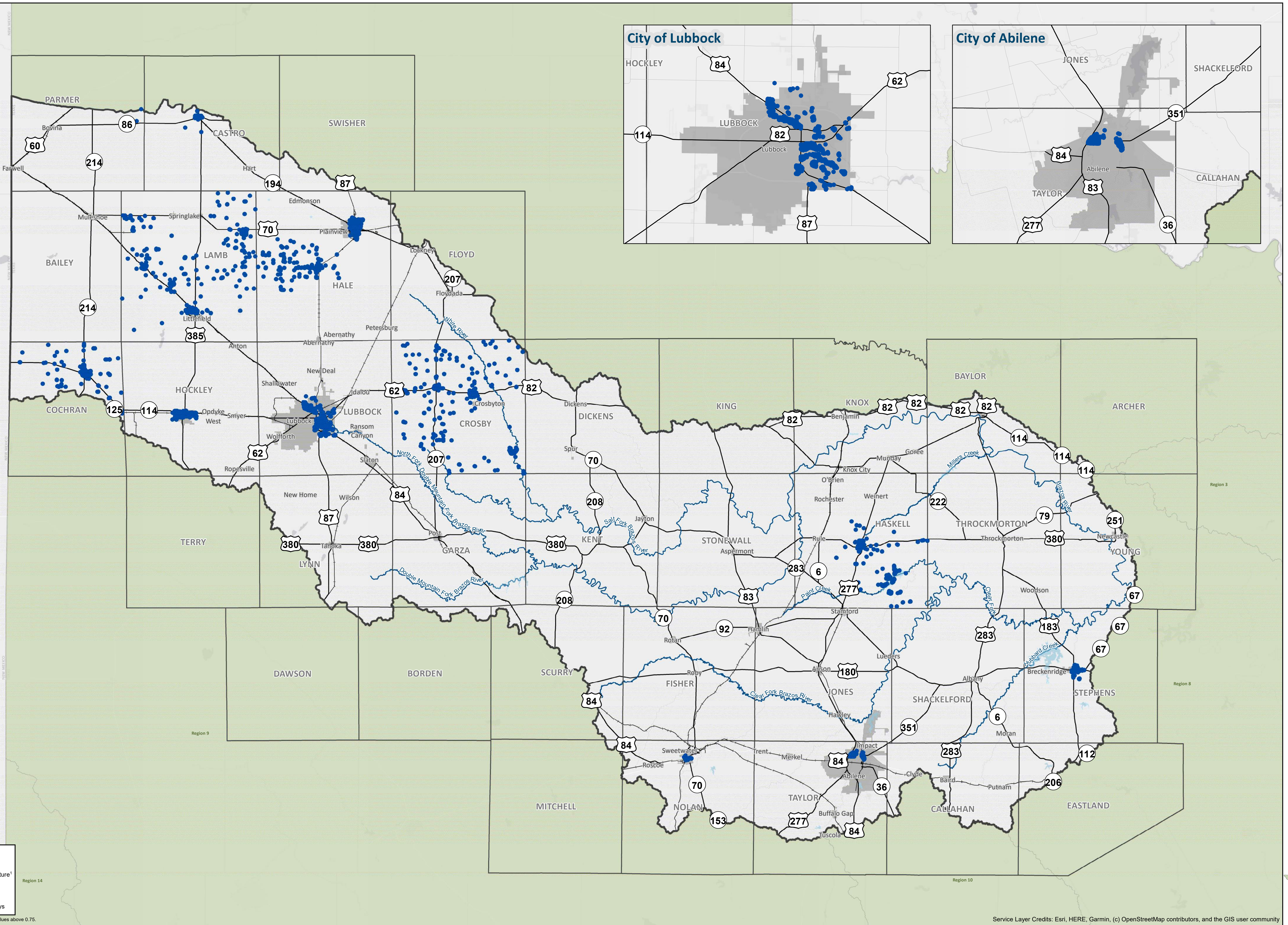
REGION 7 UPPER BRAZOS
2023 REGIONAL FLOOD PLAN



MAP 6C
Region 7

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

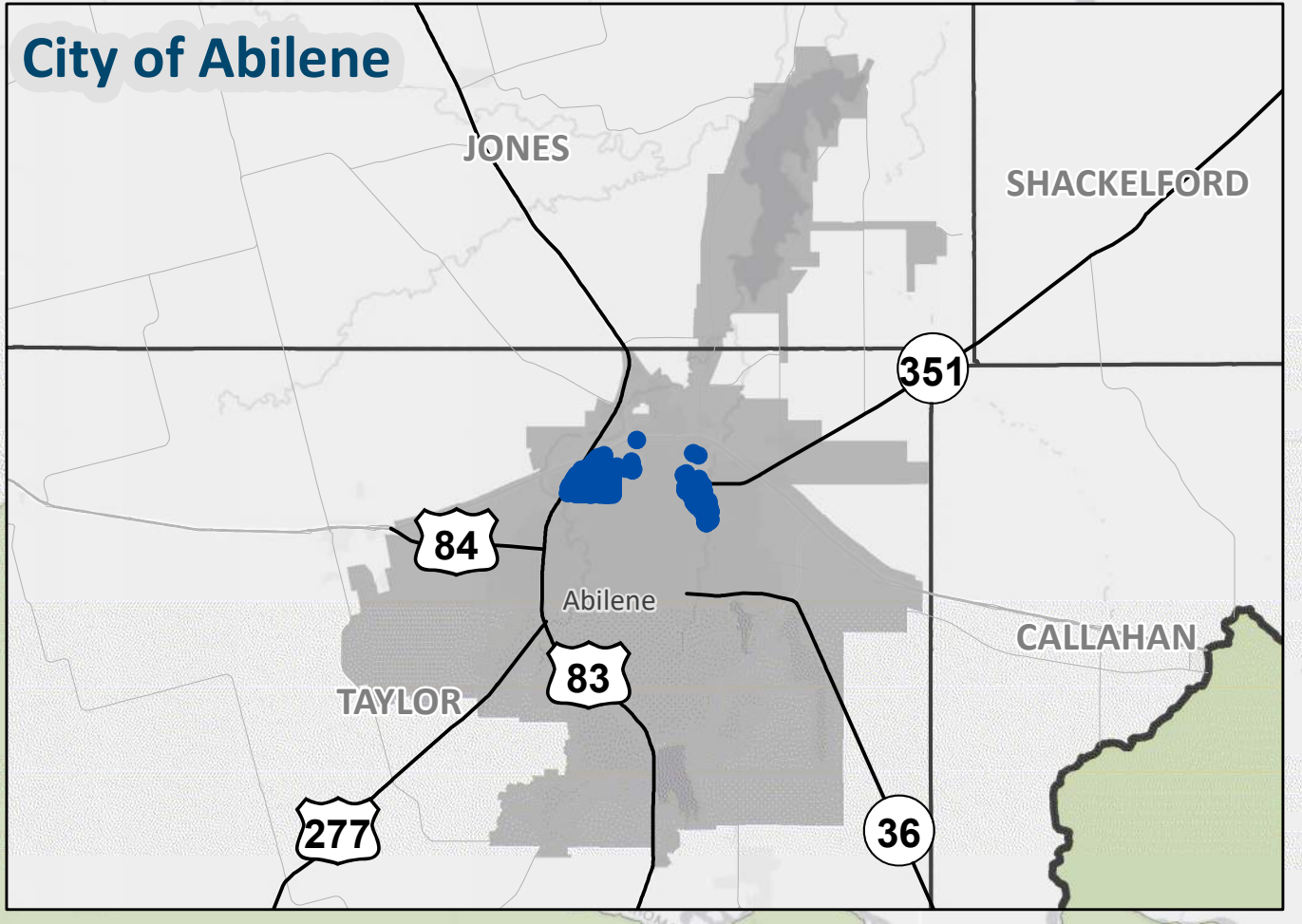
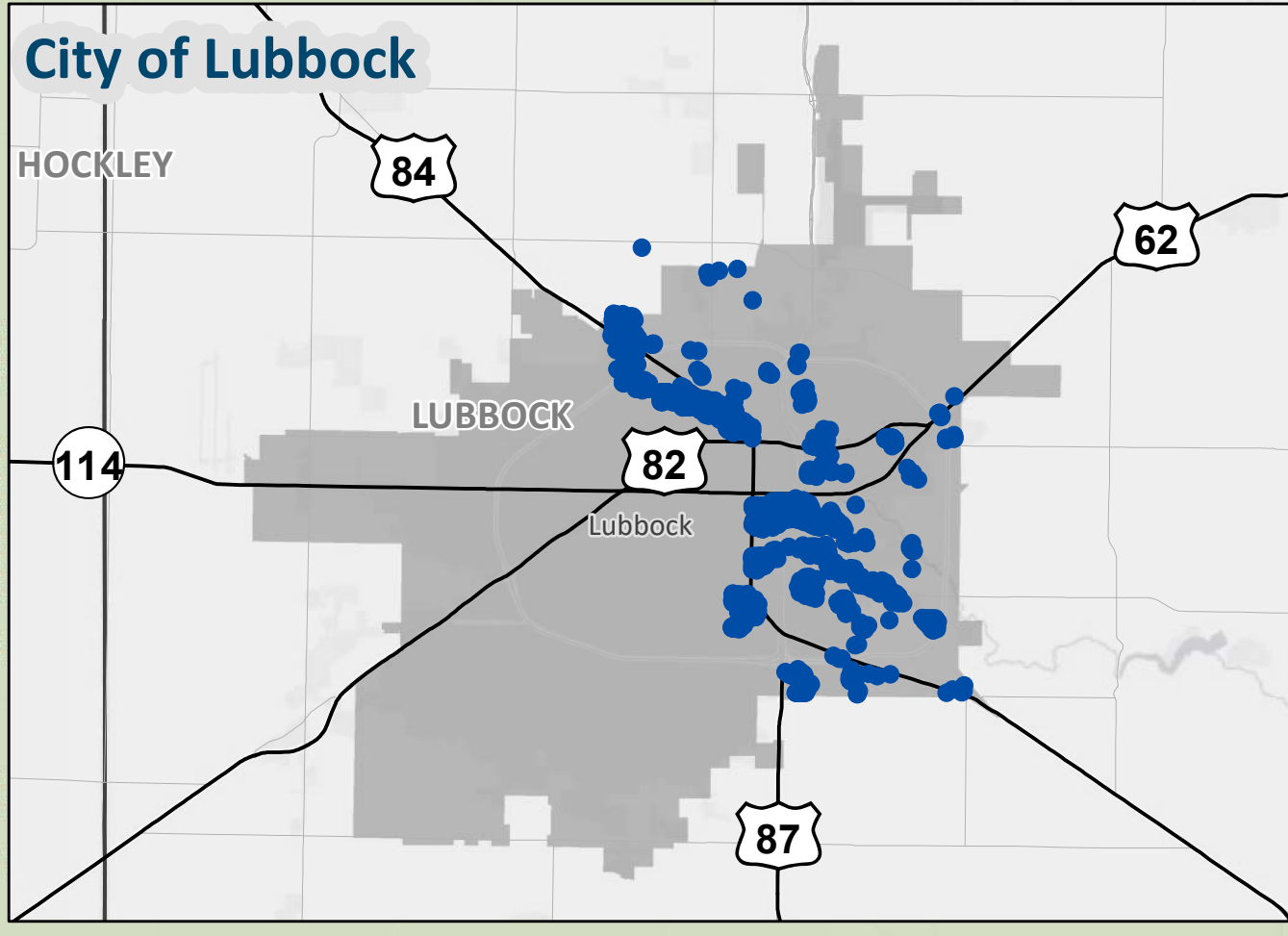
0 3 6 12 Miles



Legend

- High SVI Structure
- Major Rivers
- Major Roadways

*Density of vulnerability index values above 0.75.



Existing Condition Vulnerability

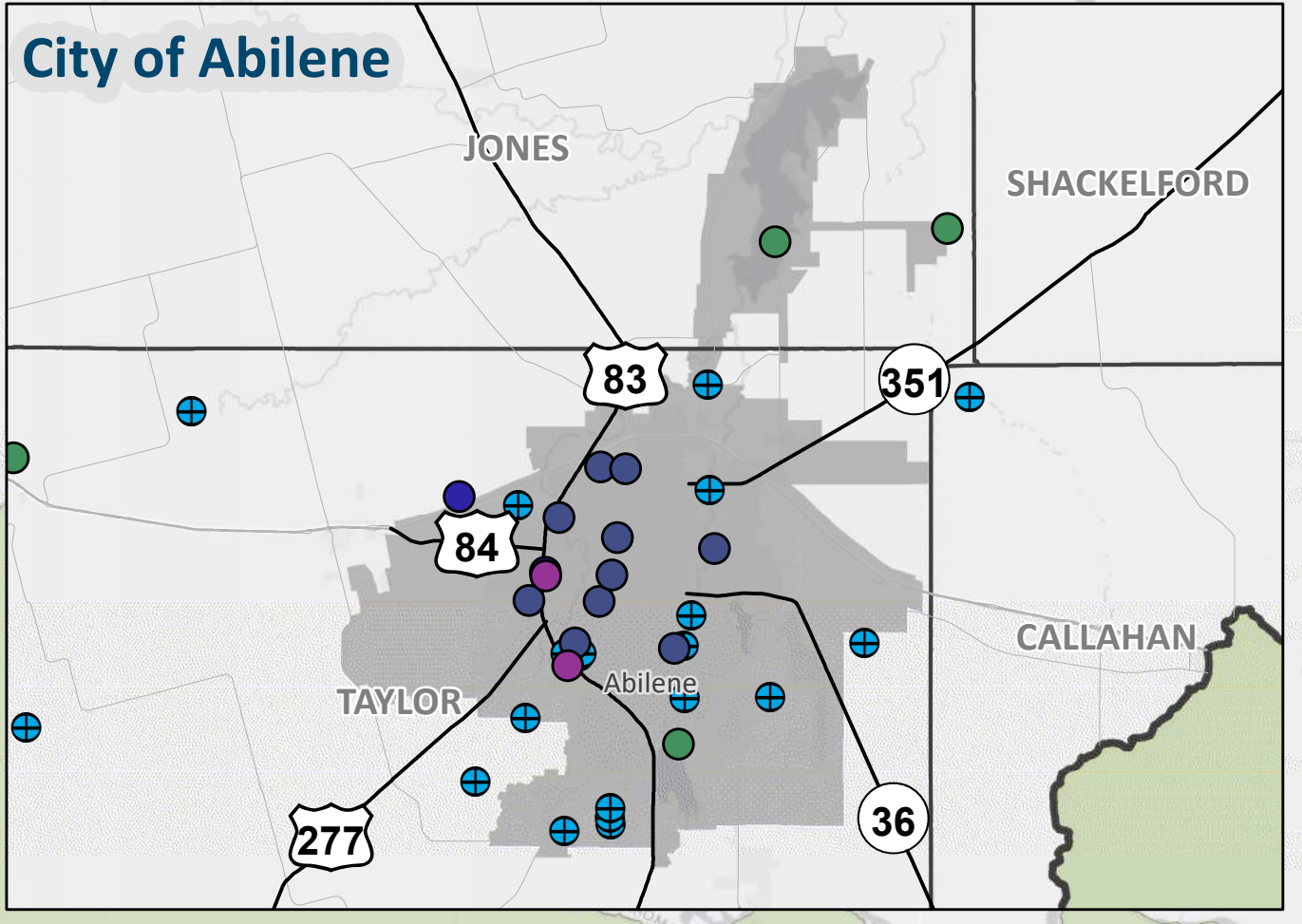
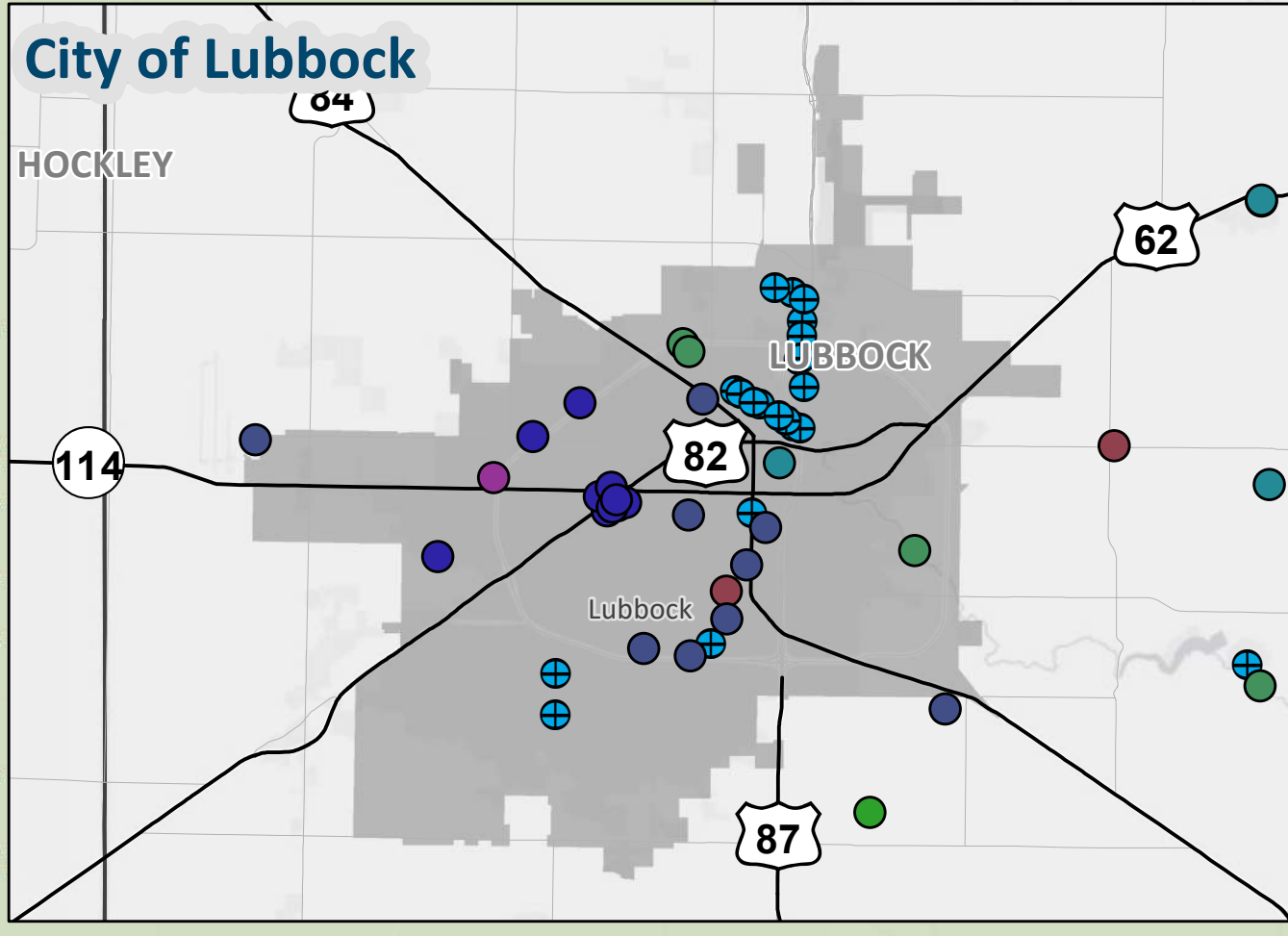
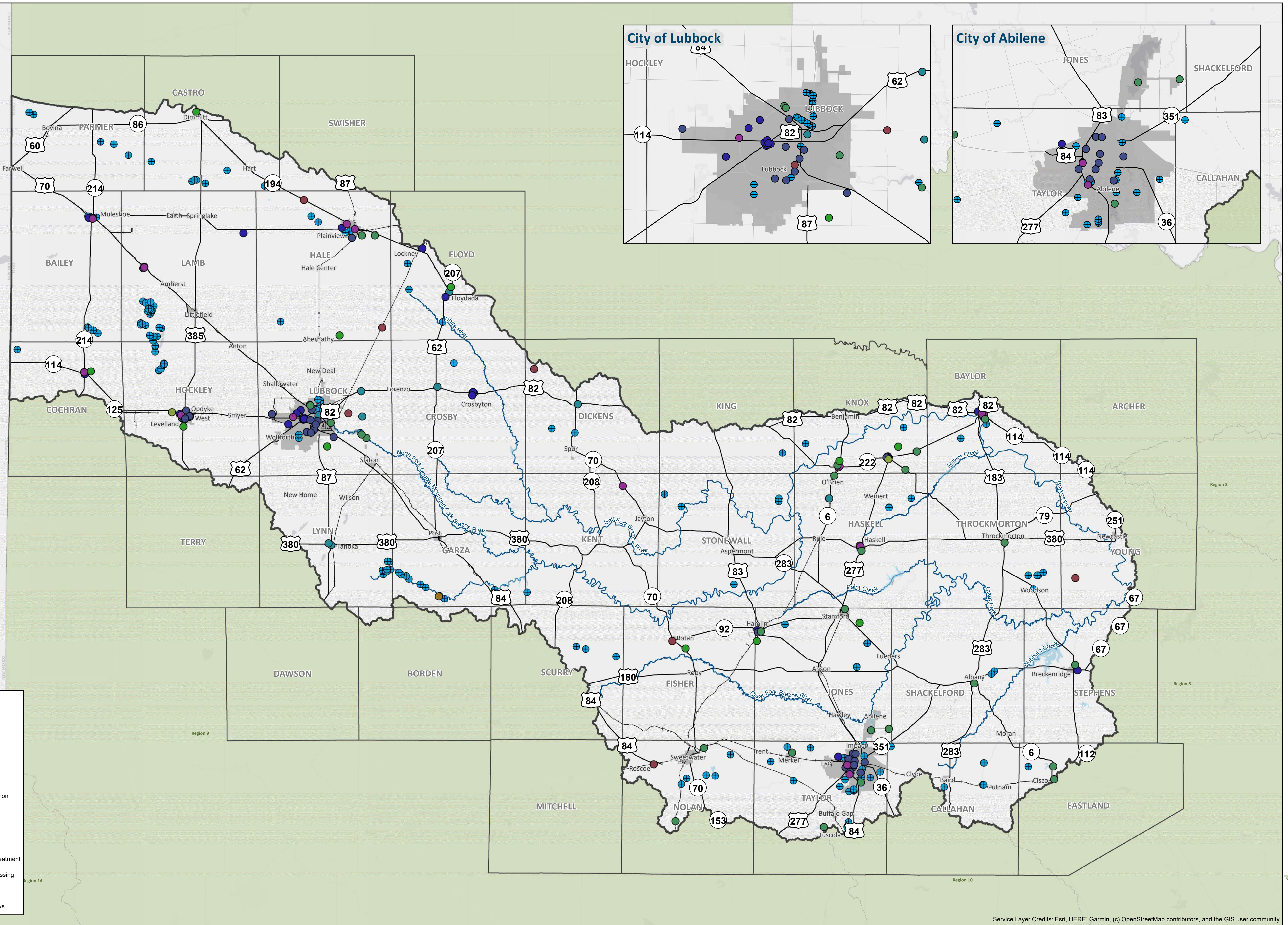
MAP 7A
Region 7

REGION 7 UPPER BRAZOS
2023 REGIONAL FLOOD PLAN



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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



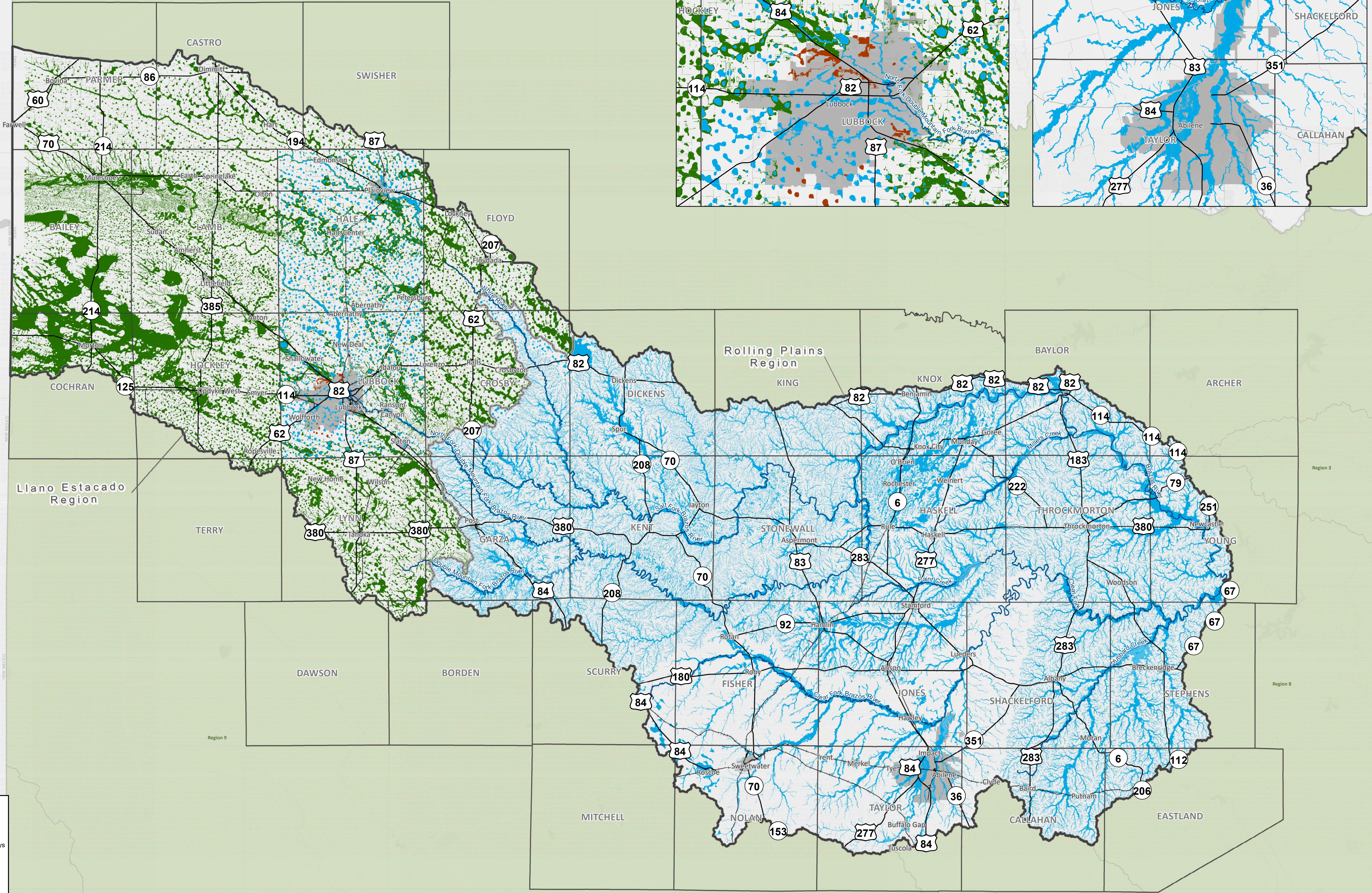
Existing Condition Critical Infrastructure At Risk

MAP 7B
Region 7

REGION 7 UPPER BRAZOS
2023 REGIONAL FLOOD PLAN

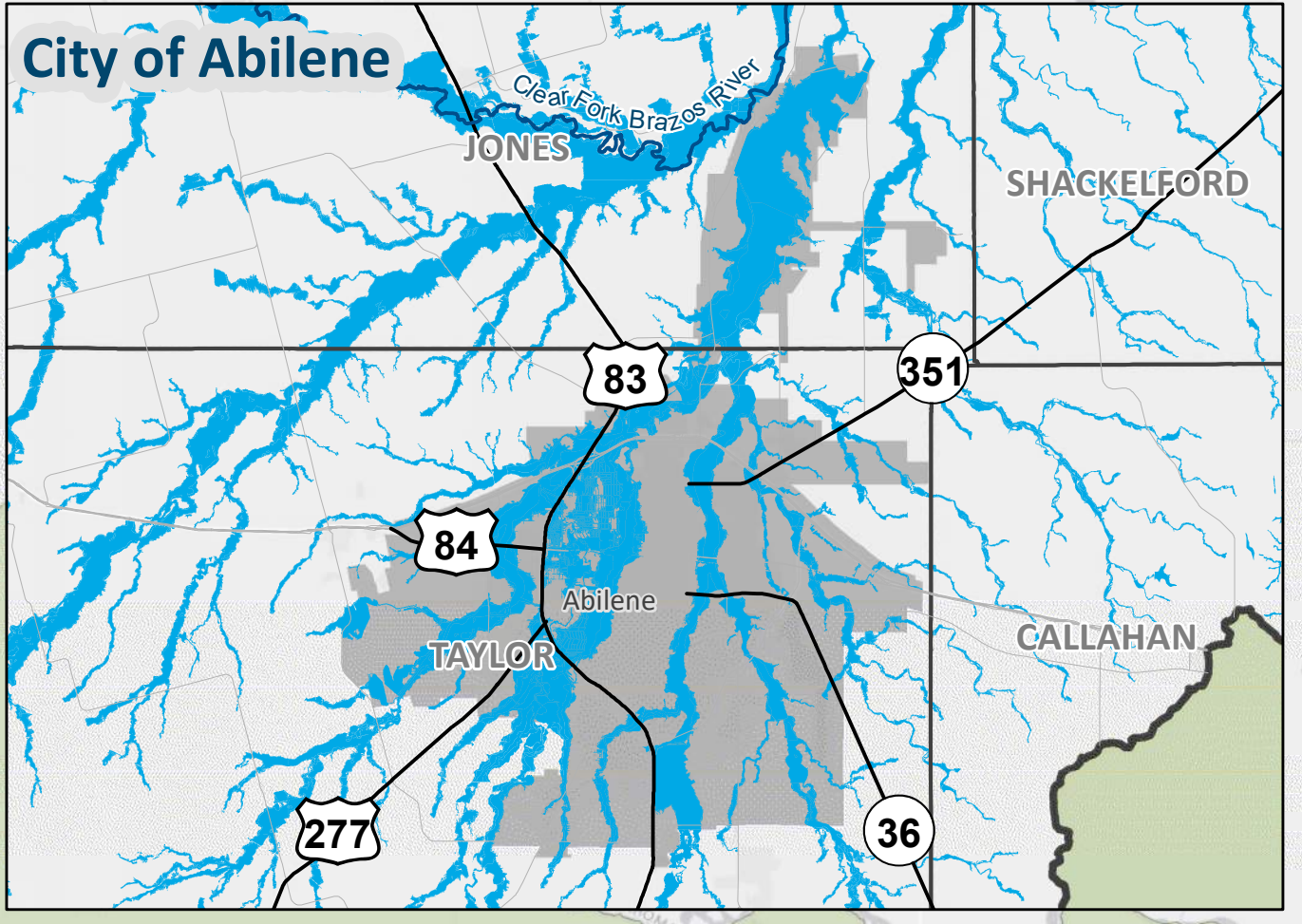
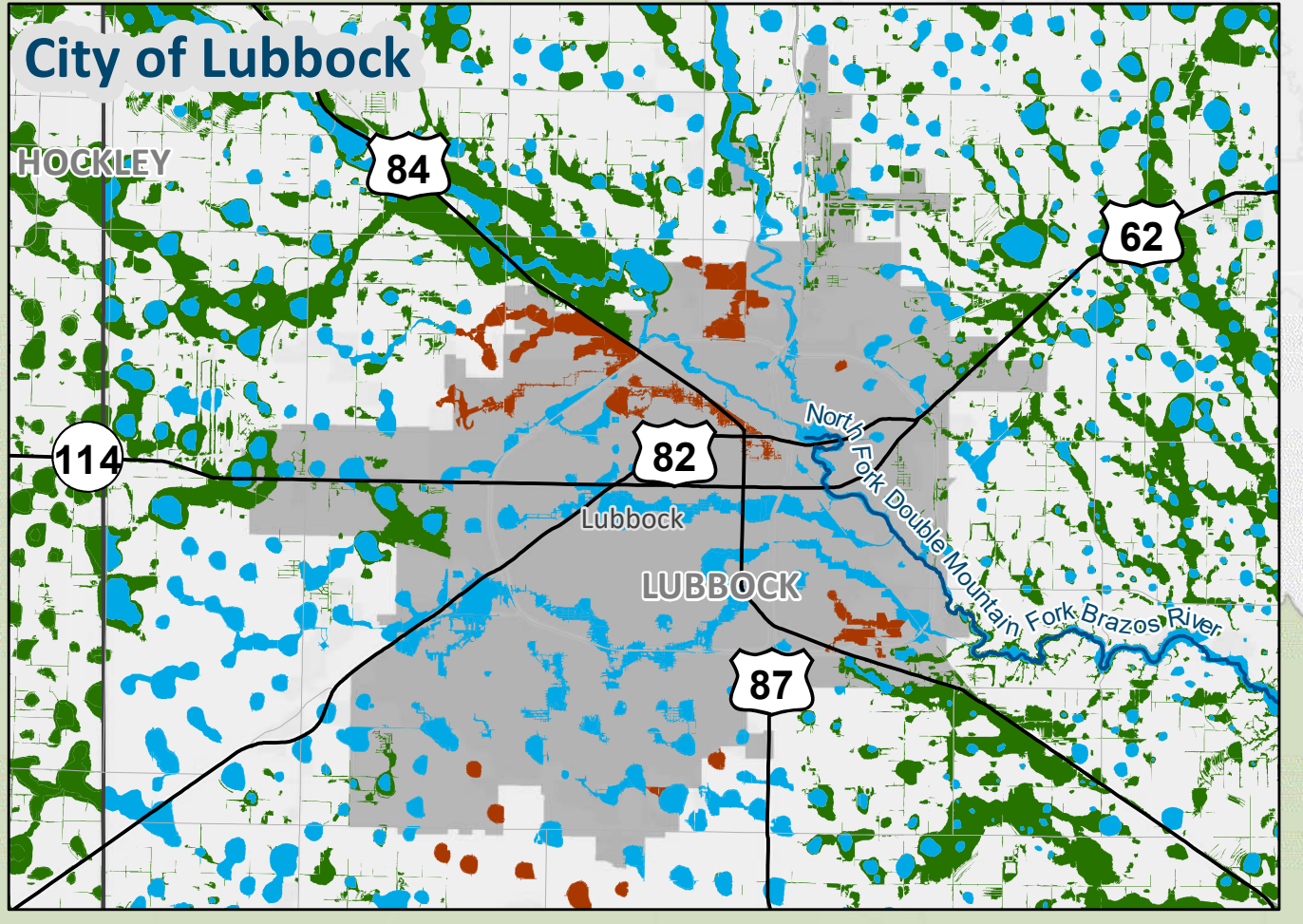
Service Layer Credits: Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community

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

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