

VOLUME 2
Appendix 2-A (Map 6, 7A)

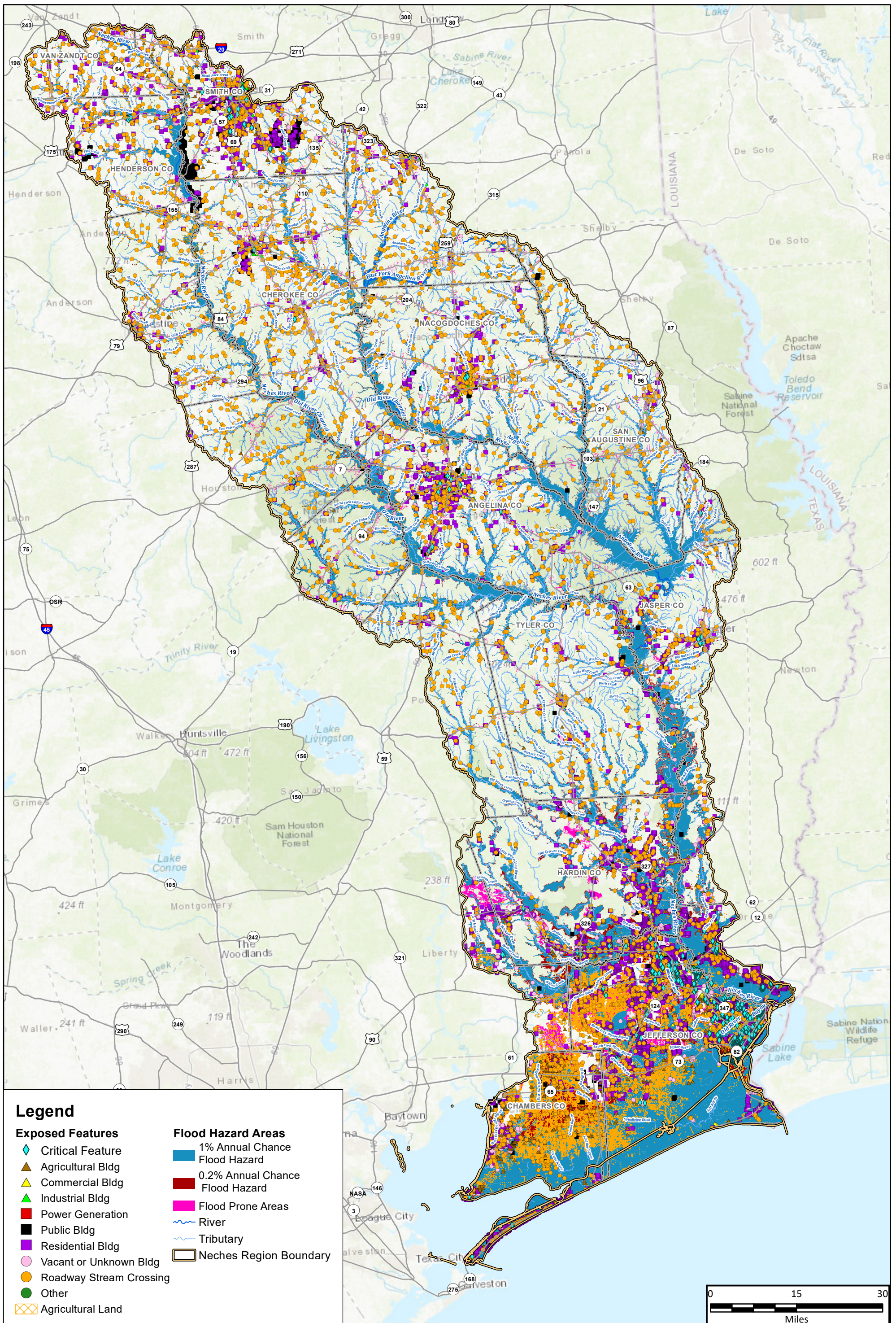
REGION 5 NECHES

2023 REGIONAL FLOOD PLAN

JANUARY 2023

PREPARED FOR THE
REGION 5 NECHES FLOOD PLANNING GROUP

**APPENDIX 2-A
SUPPLEMENTARY MAPS FOR CHAPTER 2**



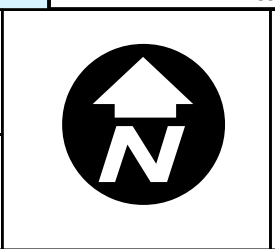
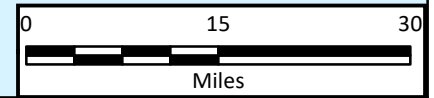
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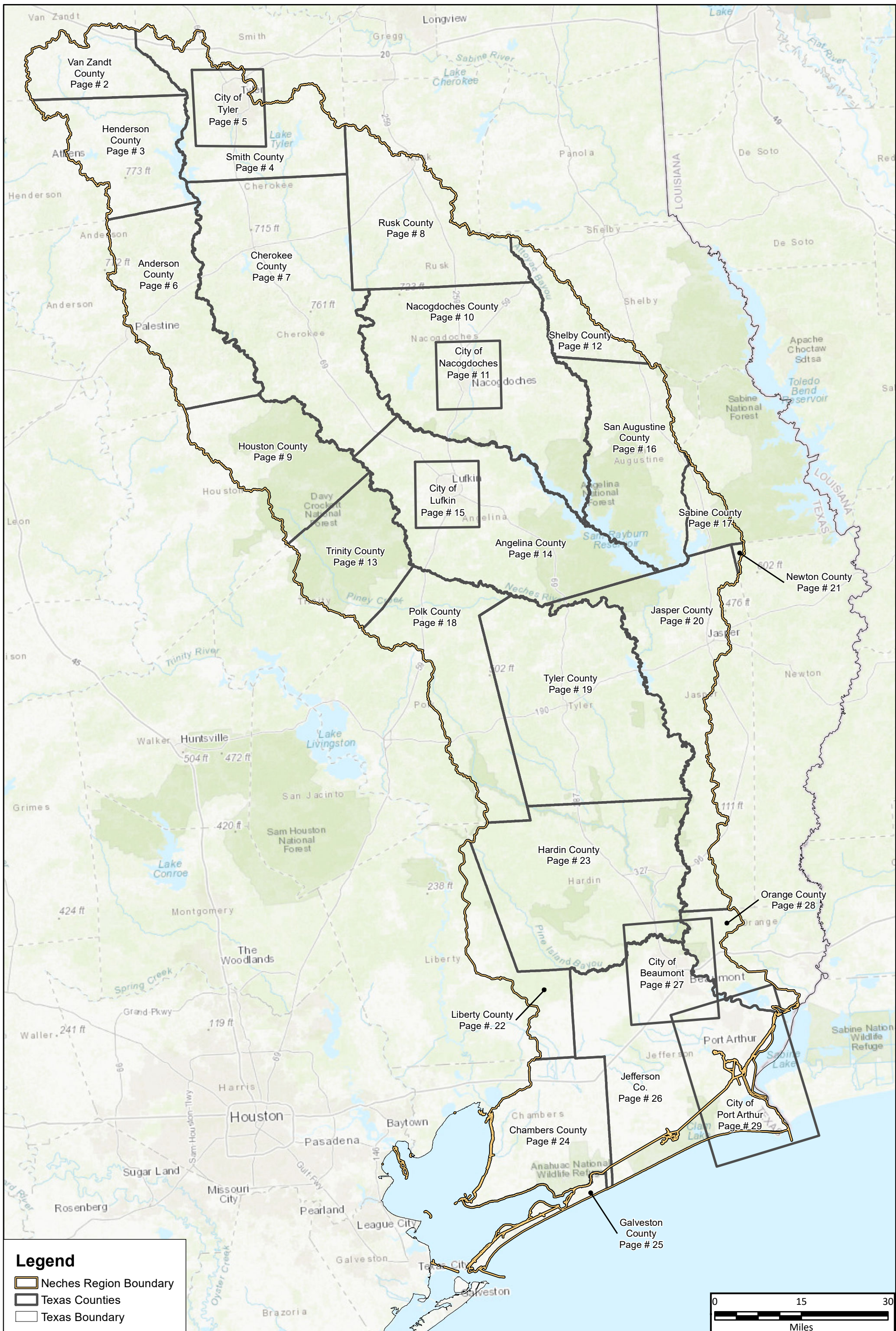
Exposed Features

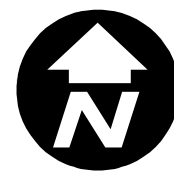
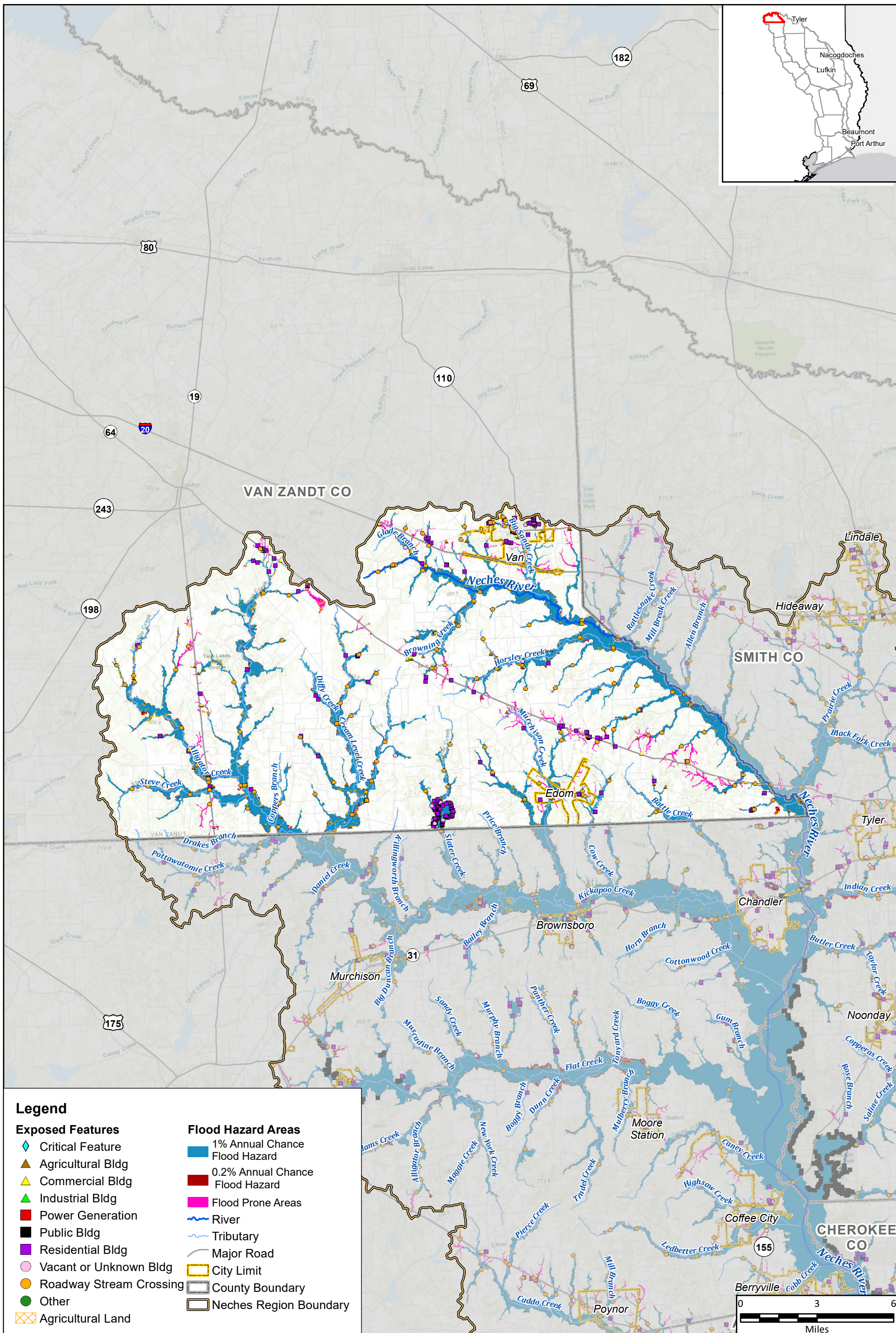
- Critical Feature
- Agricultural Bldg
- Commercial Bldg
- Industrial Bldg
- Power Generation
- Public Bldg
- Residential Bldg
- Vacant or Unknown Bldg
- Roadway Stream Crossing
- Other
- Agricultural Land

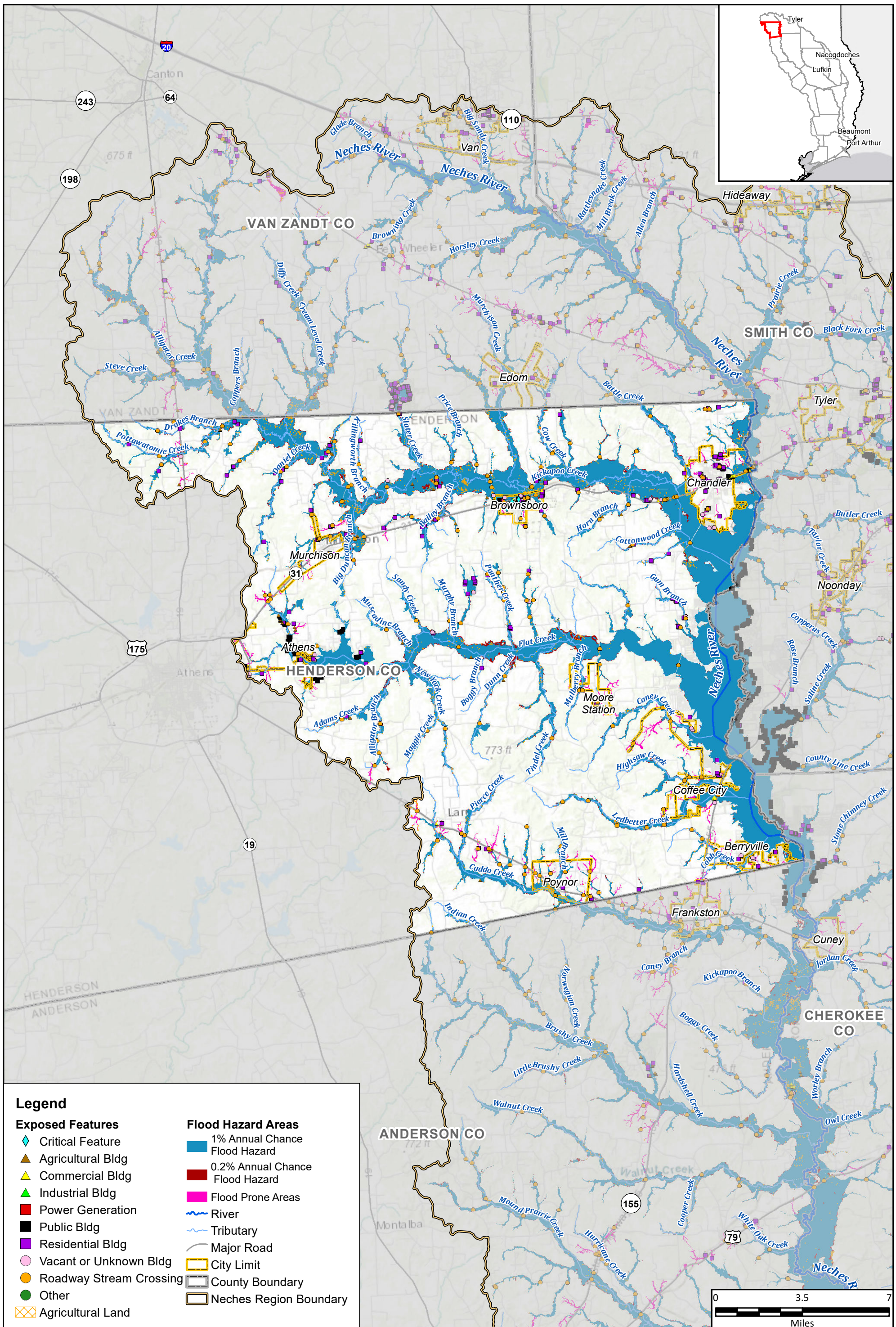
Flood Hazard Areas

- 1% Annual Chance Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Flood Prone Areas
- River
- Tributary
- Neches Region Boundary









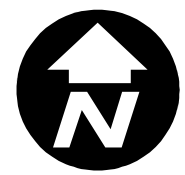
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Exposed Features

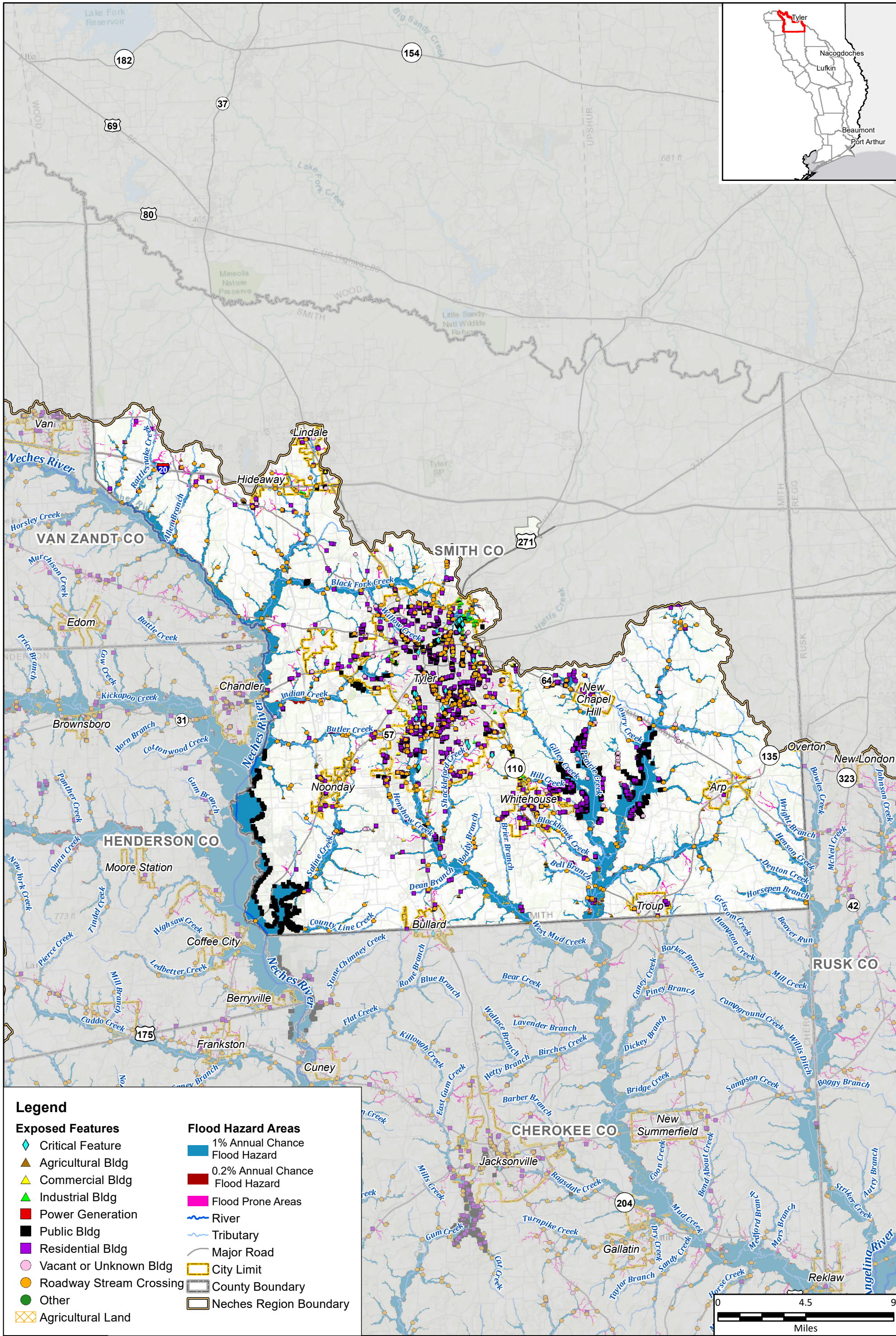
- ◆ Critical Feature
- ▲ Agricultural Bldg
- ▲ Commercial Bldg
- ▲ Industrial Bldg
- Power Generation
- Public Bldg
- Residential Bldg
- Vacant or Unknown Bldg
- Roadway Stream Crossing
- Other
- Agricultural Land

Flood Hazard Areas

- 1% Annual Chance Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Flood Prone Areas
- River
- Tributary
- Major Road
- City Limit
- County Boundary
- Neches Region Boundary

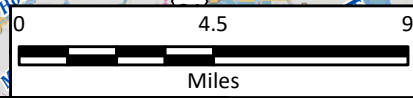


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Legend

- | | |
|---------------------------|---------------------------------|
| Exposed Features | Flood Hazard Areas |
| ◆ Critical Feature | 1% Annual Chance Flood Hazard |
| ▲ Agricultural Bldg | 0.2% Annual Chance Flood Hazard |
| ▲ Commercial Bldg | Flood Prone Areas |
| ▲ Industrial Bldg | — River |
| ■ Power Generation | — Tributary |
| ■ Public Bldg | — Major Road |
| ■ Residential Bldg | □ City Limit |
| ○ Vacant or Unknown Bldg | □ County Boundary |
| ○ Roadway Stream Crossing | □ Neches Region Boundary |
| ● Other | |
| ▨ Agricultural Land | |



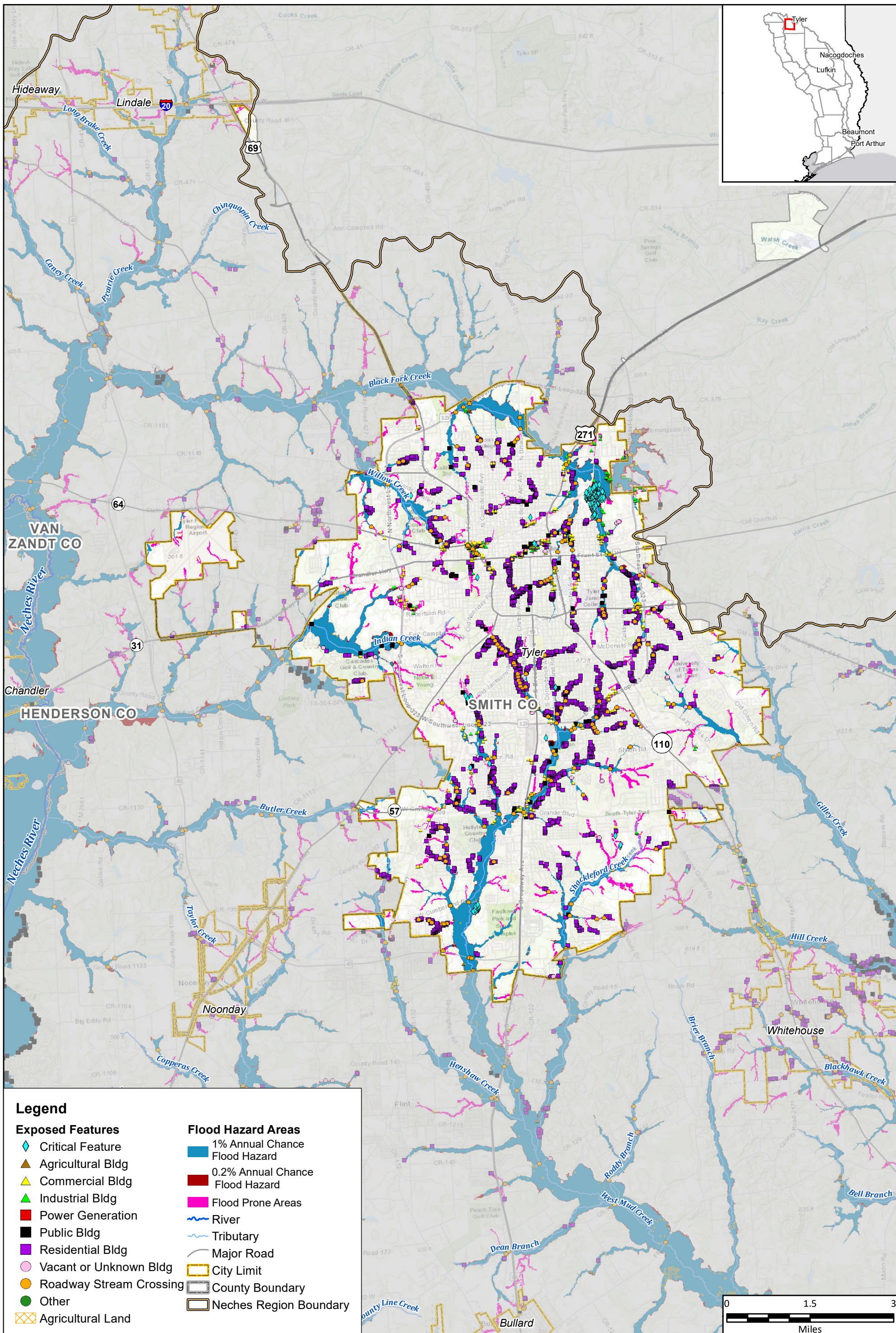
Region 5: Neches Regional Flood Plan
Smith County

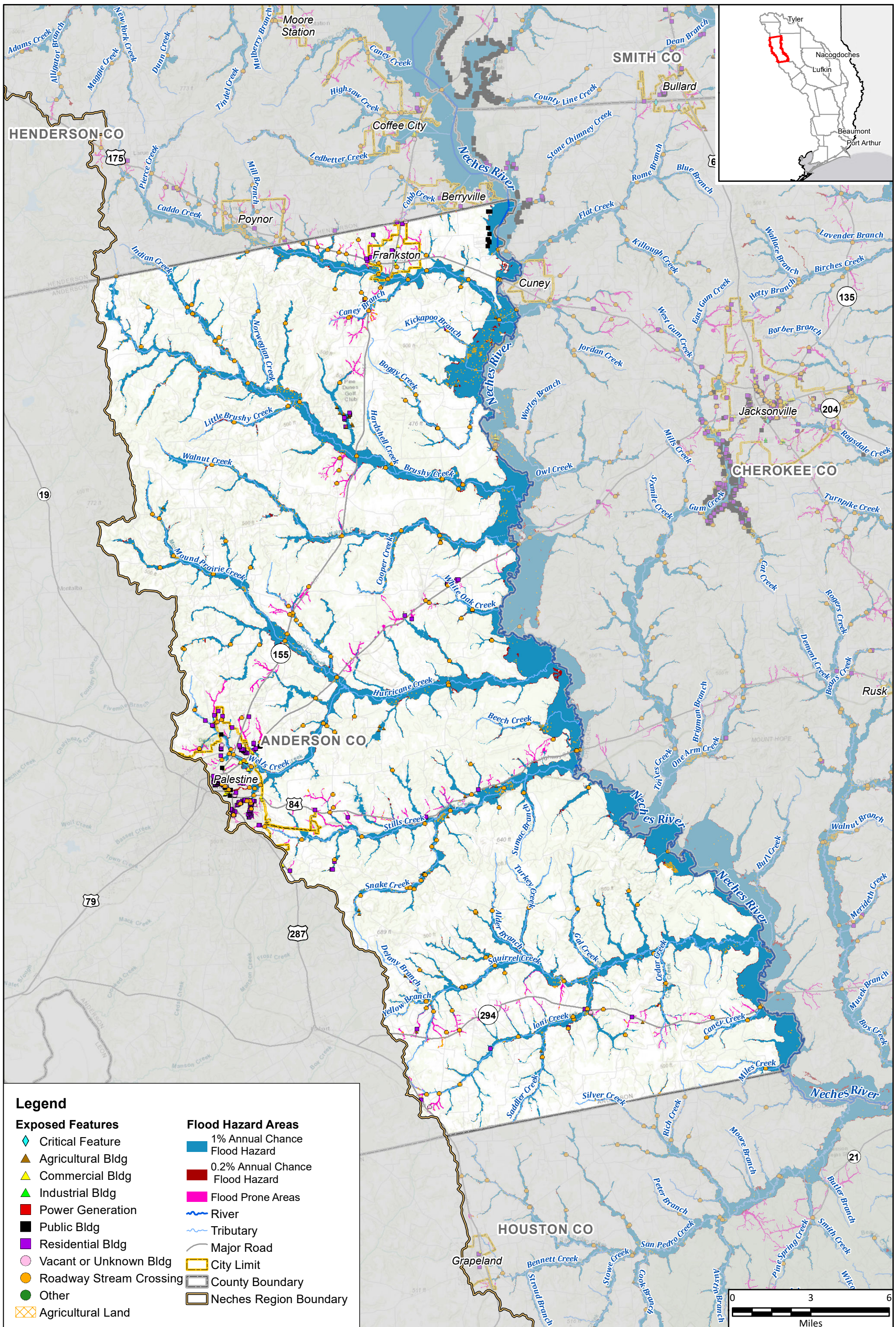


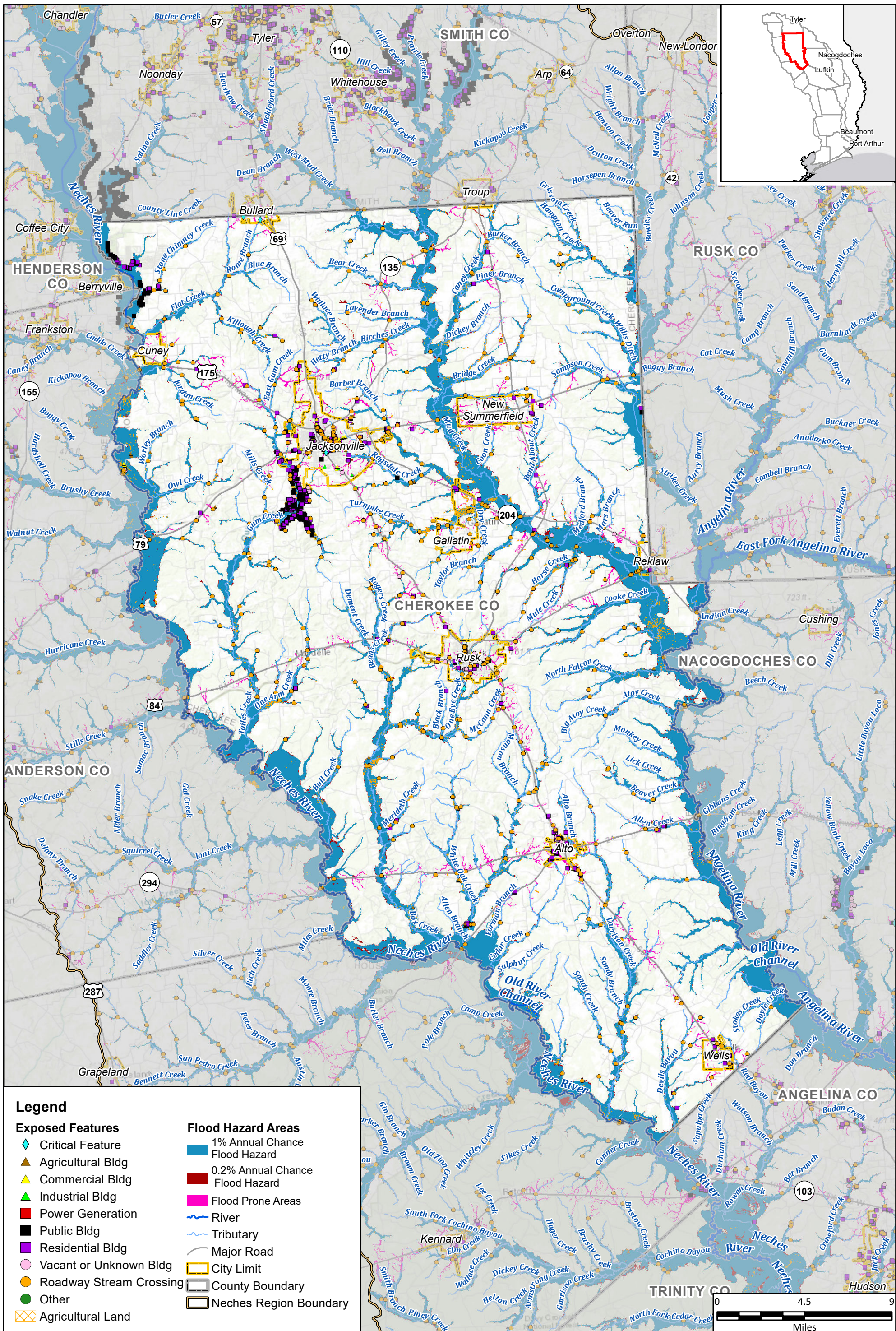
MAP 6
FIGURE 4 of 29

Existing Condition Flood Exposure

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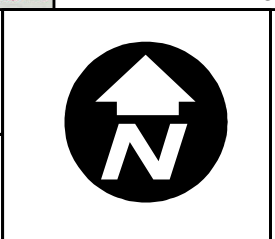
Legend

Exposed Features	Flood Hazard Areas
◆ Critical Feature	1% Annual Chance Flood Hazard
▲ Agricultural Bldg	0.2% Annual Chance Flood Hazard
▲ Commercial Bldg	Flood Hazard
▲ Industrial Bldg	Flood Prone Areas
■ Power Generation	— River
■ Public Bldg	— Tributary
■ Residential Bldg	— Major Road
○ Vacant or Unknown Bldg	— City Limit
● Roadway Stream Crossing	— County Boundary
● Other	— Neches Region Boundary
⊠ Agricultural Land	



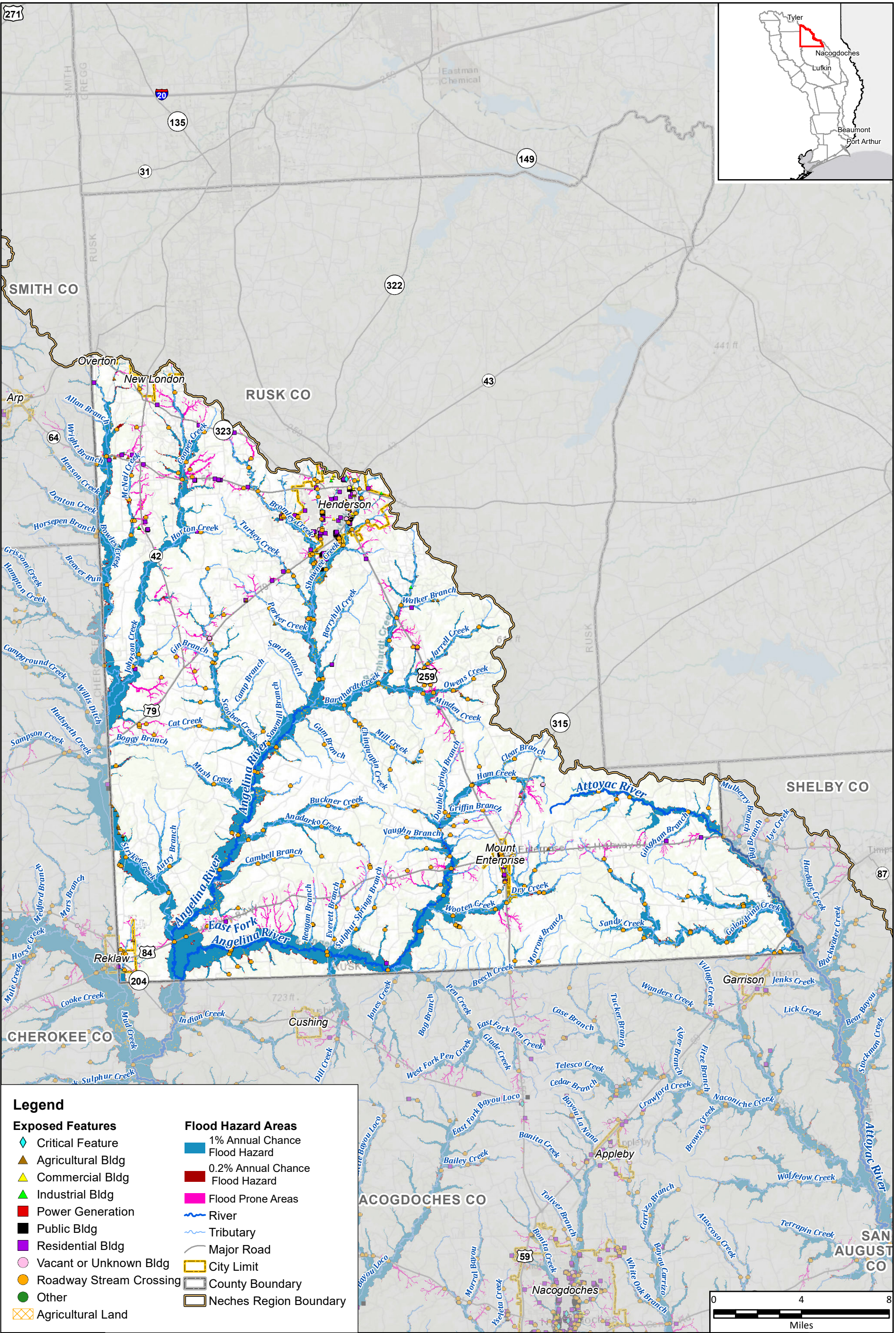
Region 5: Neches Regional Flood Plan
Cherokee County

Existing Condition Flood Exposure



MAP 6
FIGURE 7 of 29

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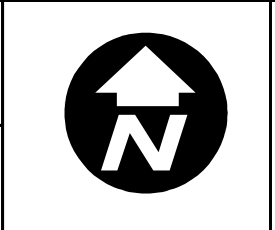
Legend

Exposed Features	Flood Hazard Areas
◆ Critical Feature	1% Annual Chance Flood Hazard
▲ Agricultural Bldg	0.2% Annual Chance Flood Hazard
▲ Commercial Bldg	Flood Prone Areas
▲ Industrial Bldg	— River
■ Power Generation	— Tributary
■ Public Bldg	— Major Road
■ Residential Bldg	□ City Limit
○ Vacant or Unknown Bldg	□ County Boundary
● Roadway Stream Crossing	□ Neches Region Boundary
● Other	
⊠ Agricultural Land	



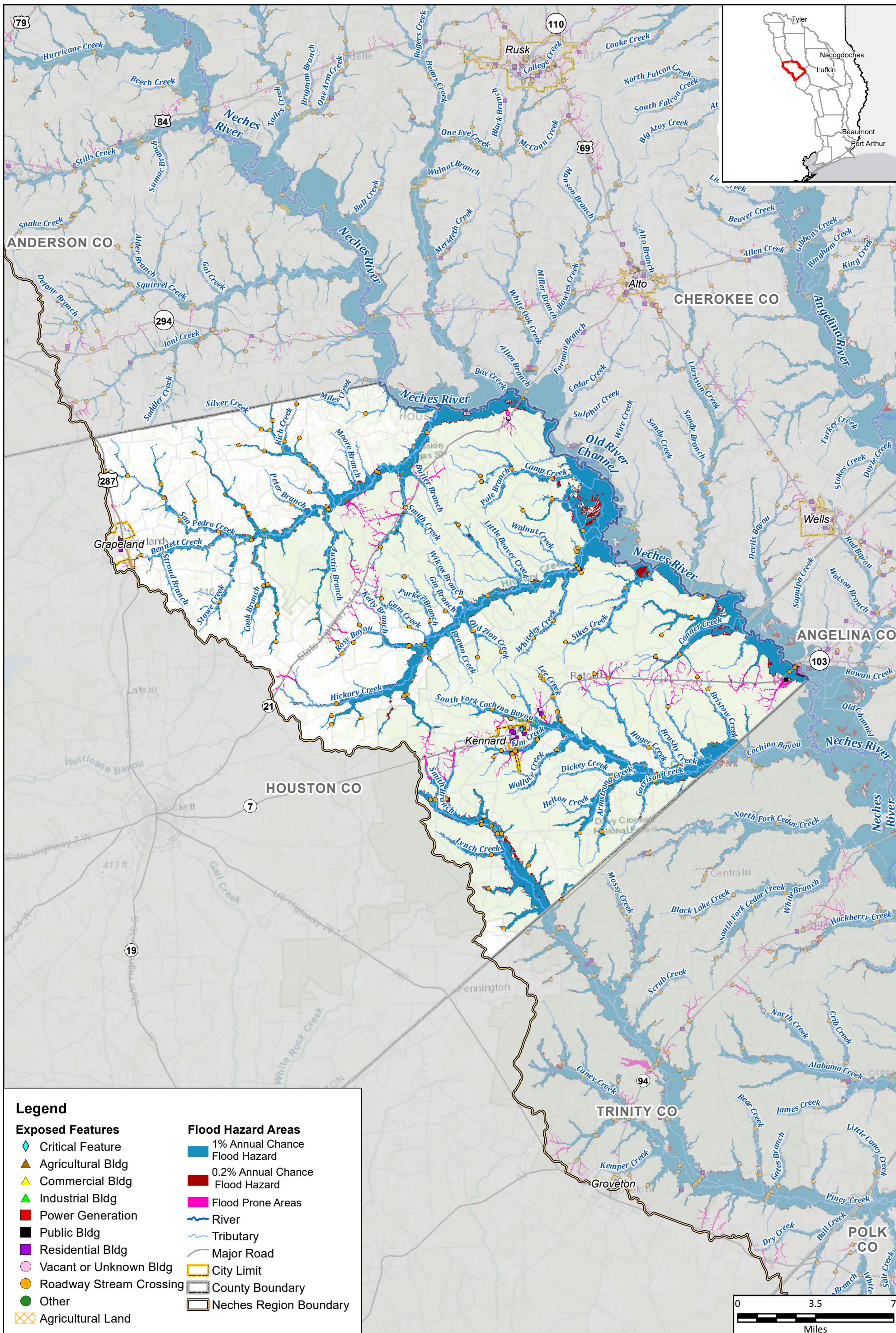
Region 5: Neches Regional Flood Plan
Rusk County

Existing Condition Flood Exposure



MAP 6
FIGURE 8 of 29

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Legend

Exposed Features

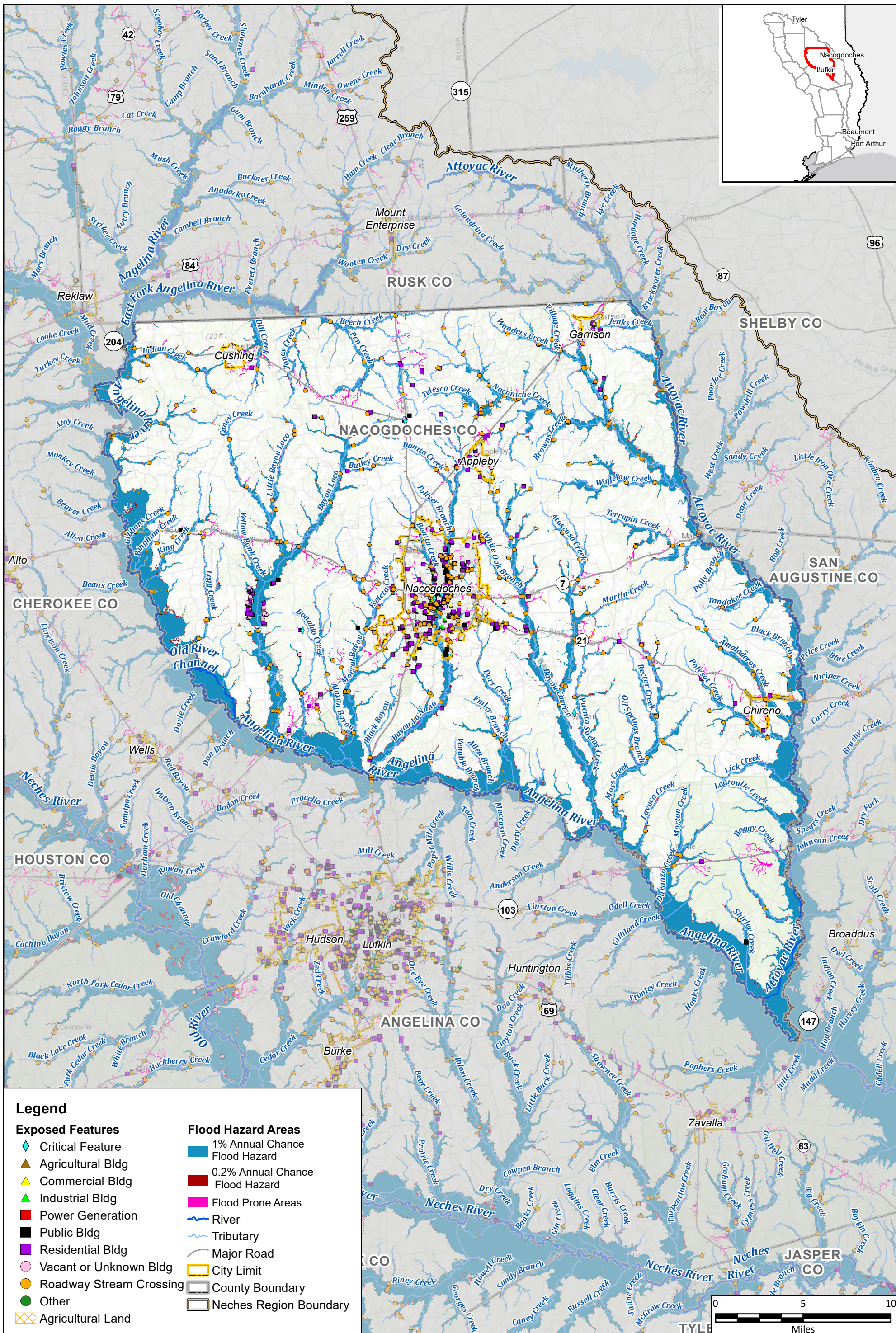
- ◆ Critical Feature
- ▲ Agricultural Bldg
- ▲ Commercial Bldg
- ▲ Industrial Bldg
- Power Generation
- Public Bldg
- Residential Bldg
- Vacant or Unknown Bldg
- Roadway Stream Crossing
- Other
- Agricultural Land

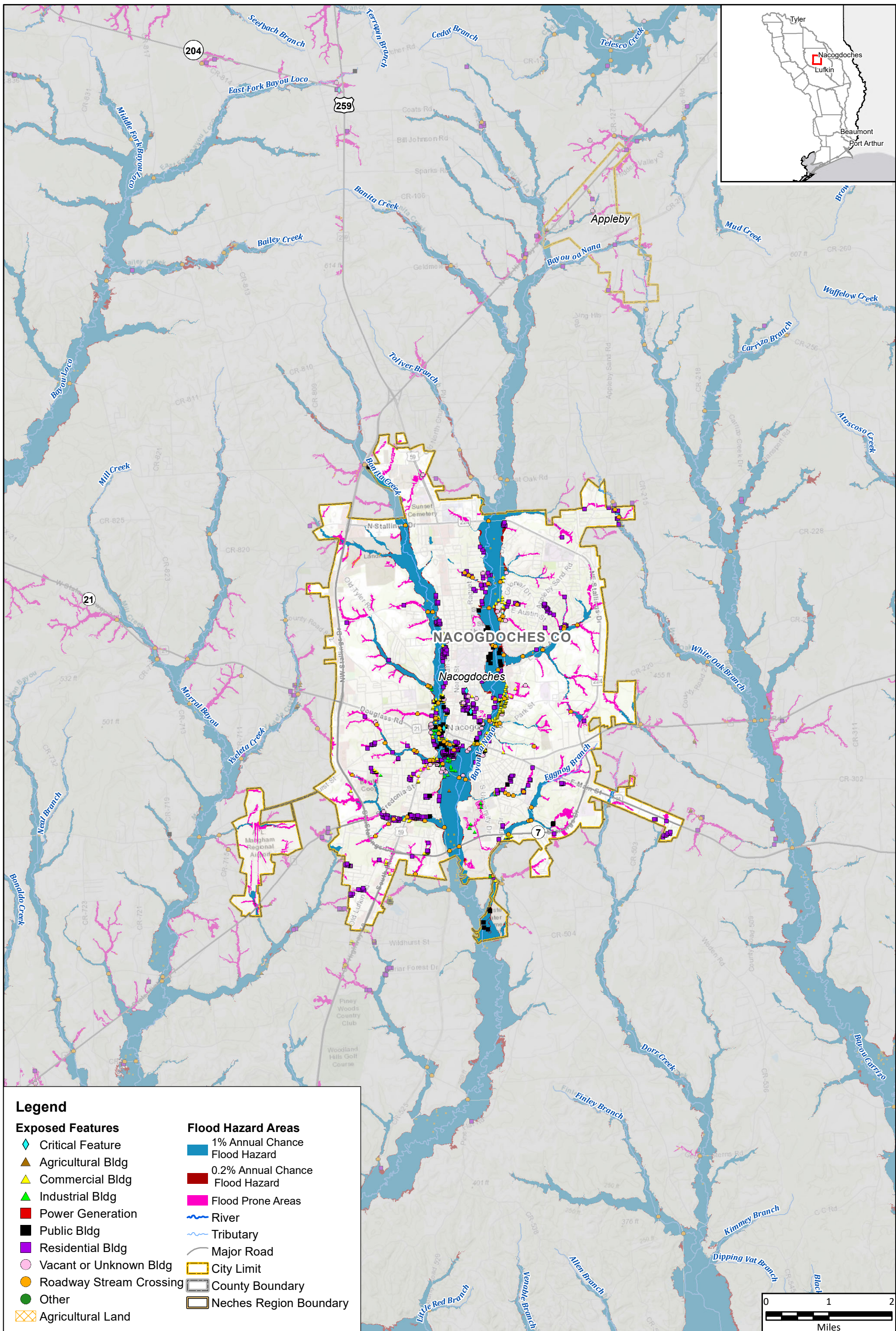
Flood Hazard Areas

- 1% Annual Chance Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Flood Prone Areas
- River
- Tributary
- Major Road
- City Limit
- County Boundary
- Neches Region Boundary



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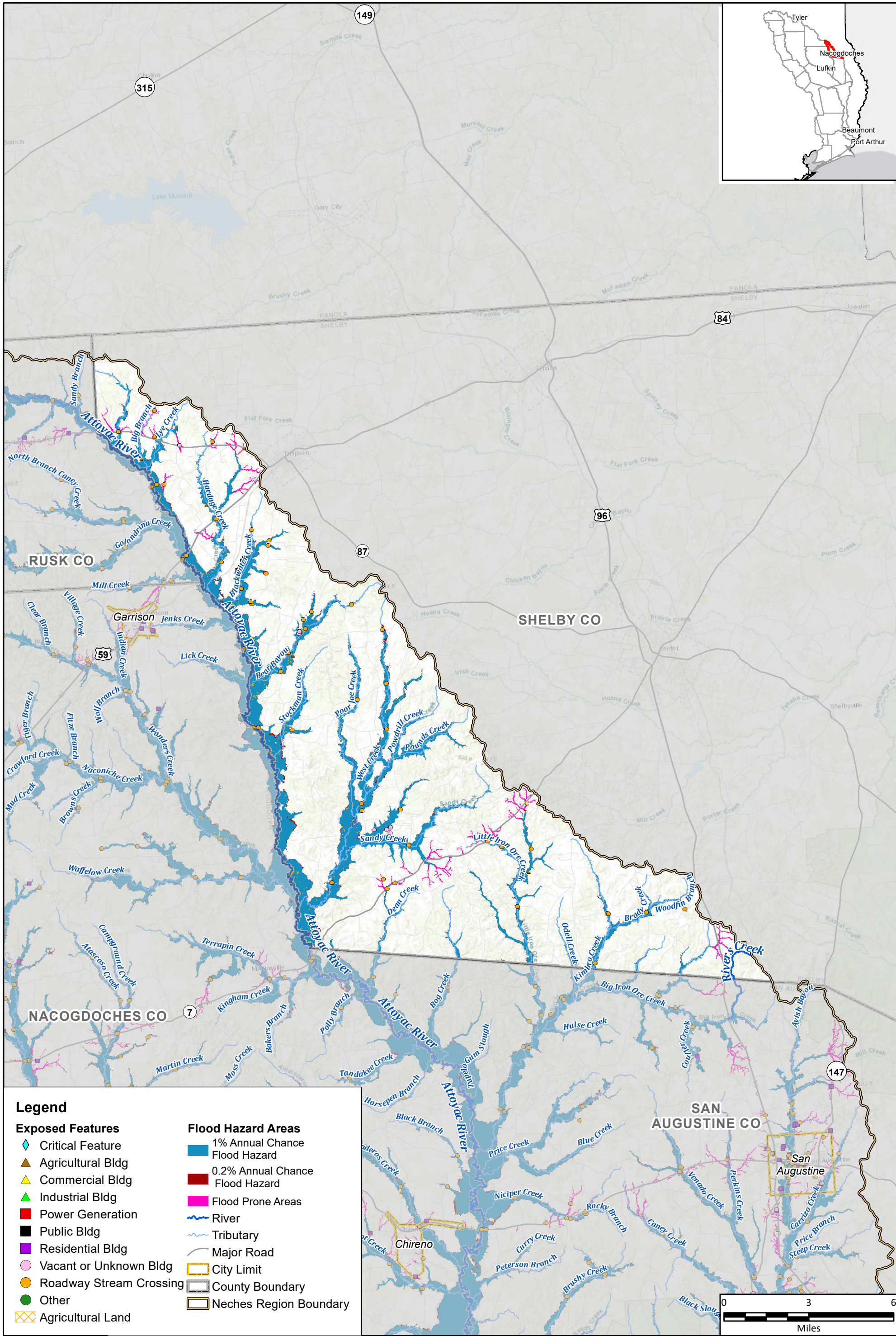
Exposed Features

- ◆ Critical Feature
- ▲ Agricultural Bldg
- ▲ Commercial Bldg
- ▲ Industrial Bldg
- Power Generation
- Public Bldg
- Residential Bldg
- Vacant or Unknown Bldg
- Roadway Stream Crossing
- Other
- Agricultural Land

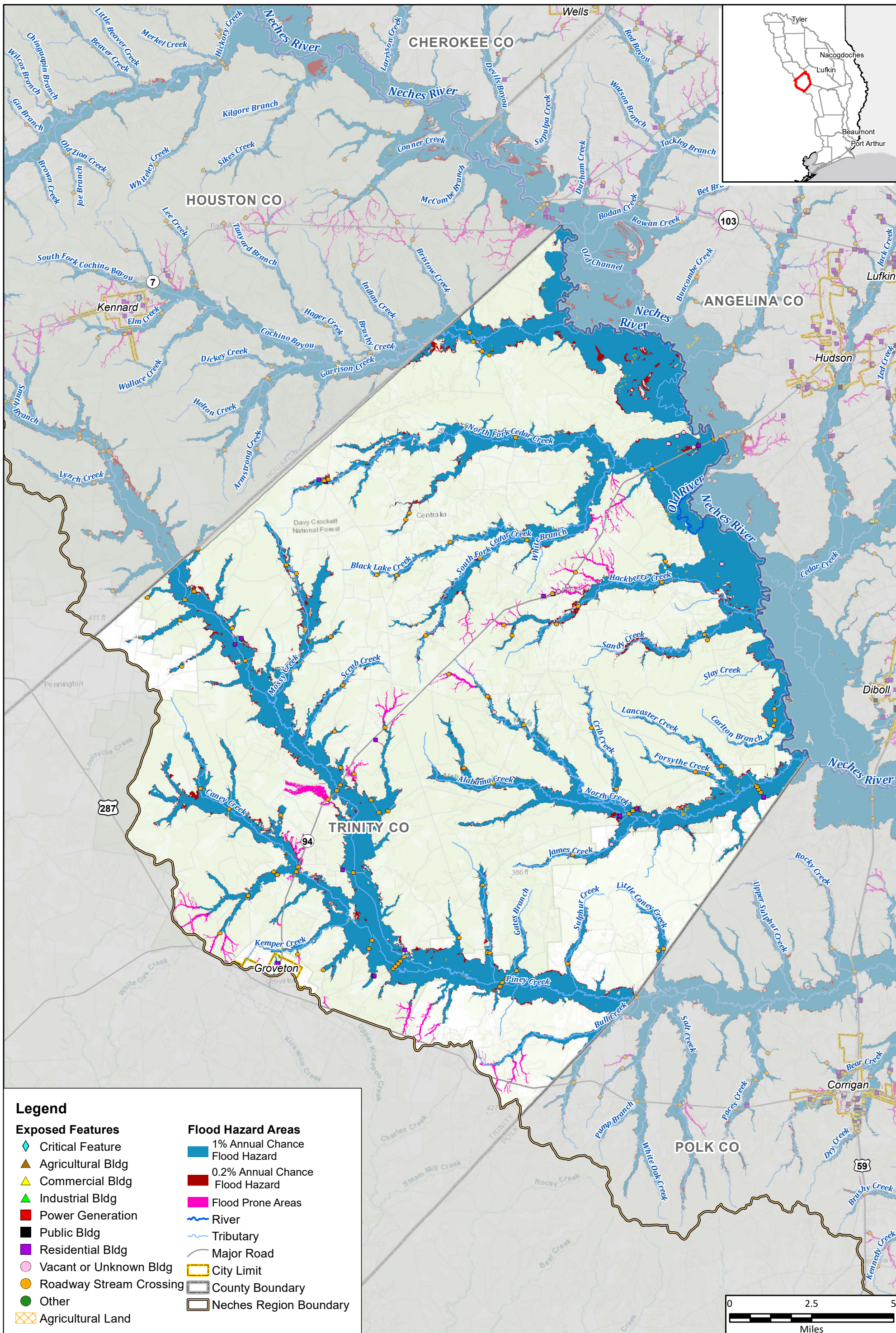
Flood Hazard Areas

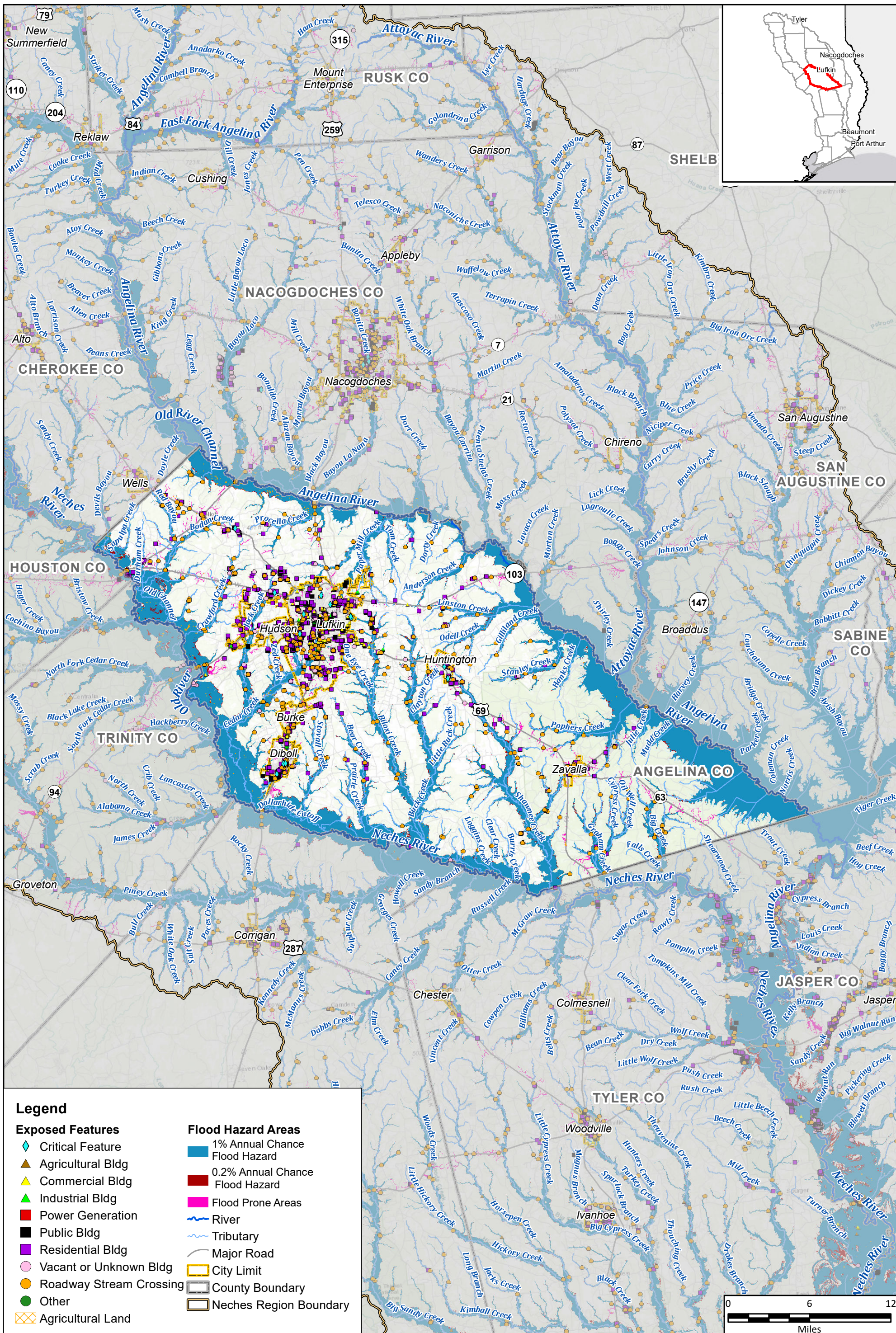
- 1% Annual Chance Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Flood Prone Areas
- River
- Tributary
- Major Road
- City Limit
- County Boundary
- Neches Region Boundary



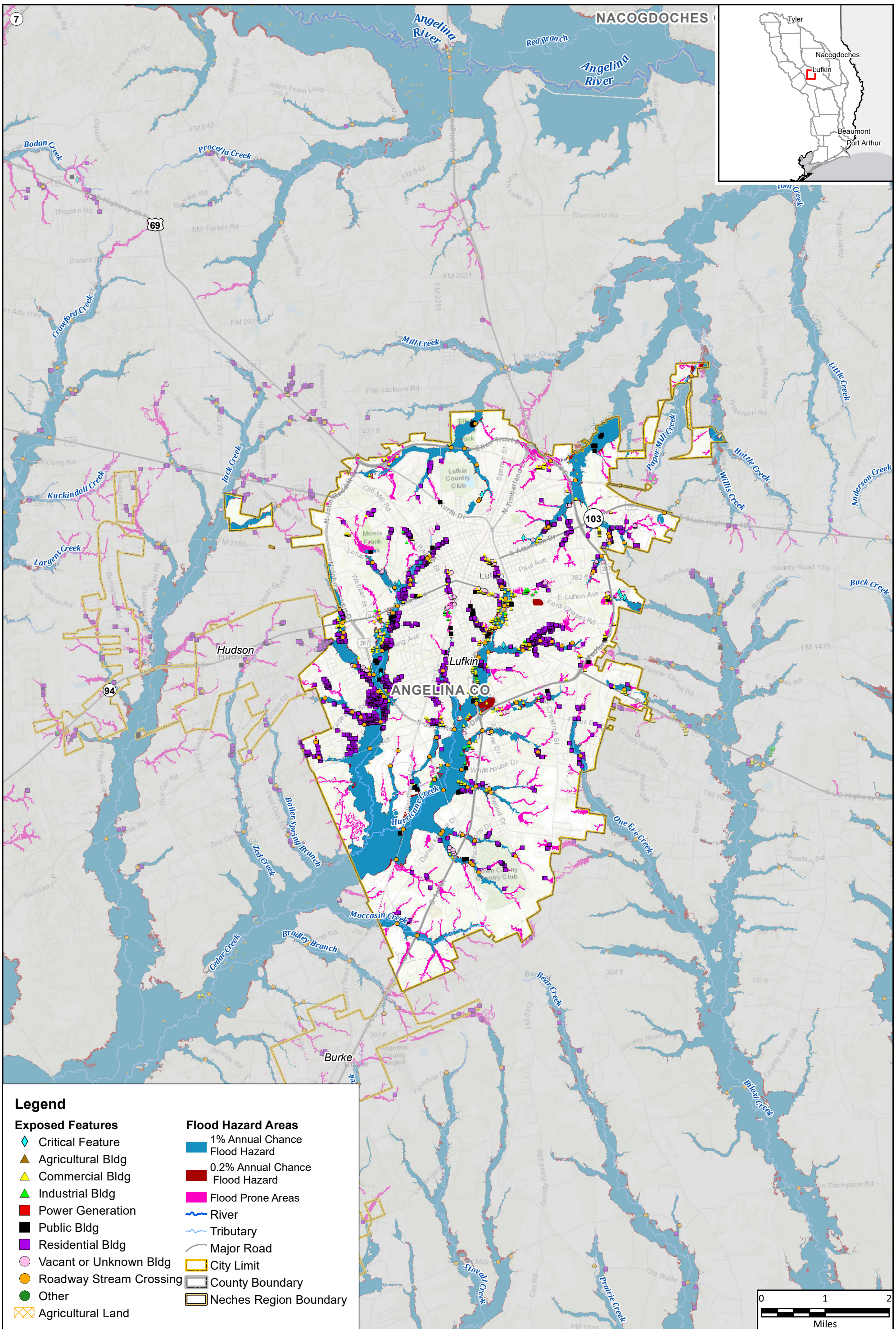


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Legend

Exposed Features

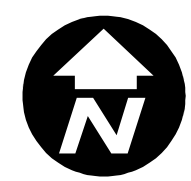
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- ▲ Agricultural Bldg
- ▲ Commercial Bldg
- ▲ Industrial Bldg
- Power Generation
- Public Bldg
- Residential Bldg
- Vacant or Unknown Bldg
- Roadway Stream Crossing
- Other
- Agricultural Land

Flood Hazard Areas

- 1% Annual Chance Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Flood Prone Areas
- River
- Tributary
- Major Road
- City Limit
- County Boundary
- Neches Region Boundary



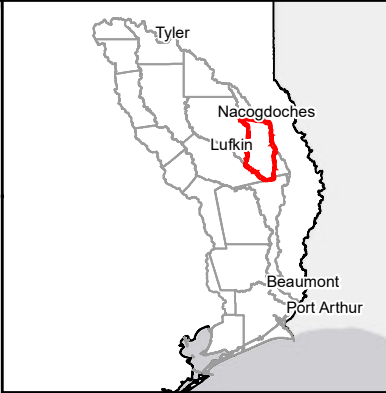
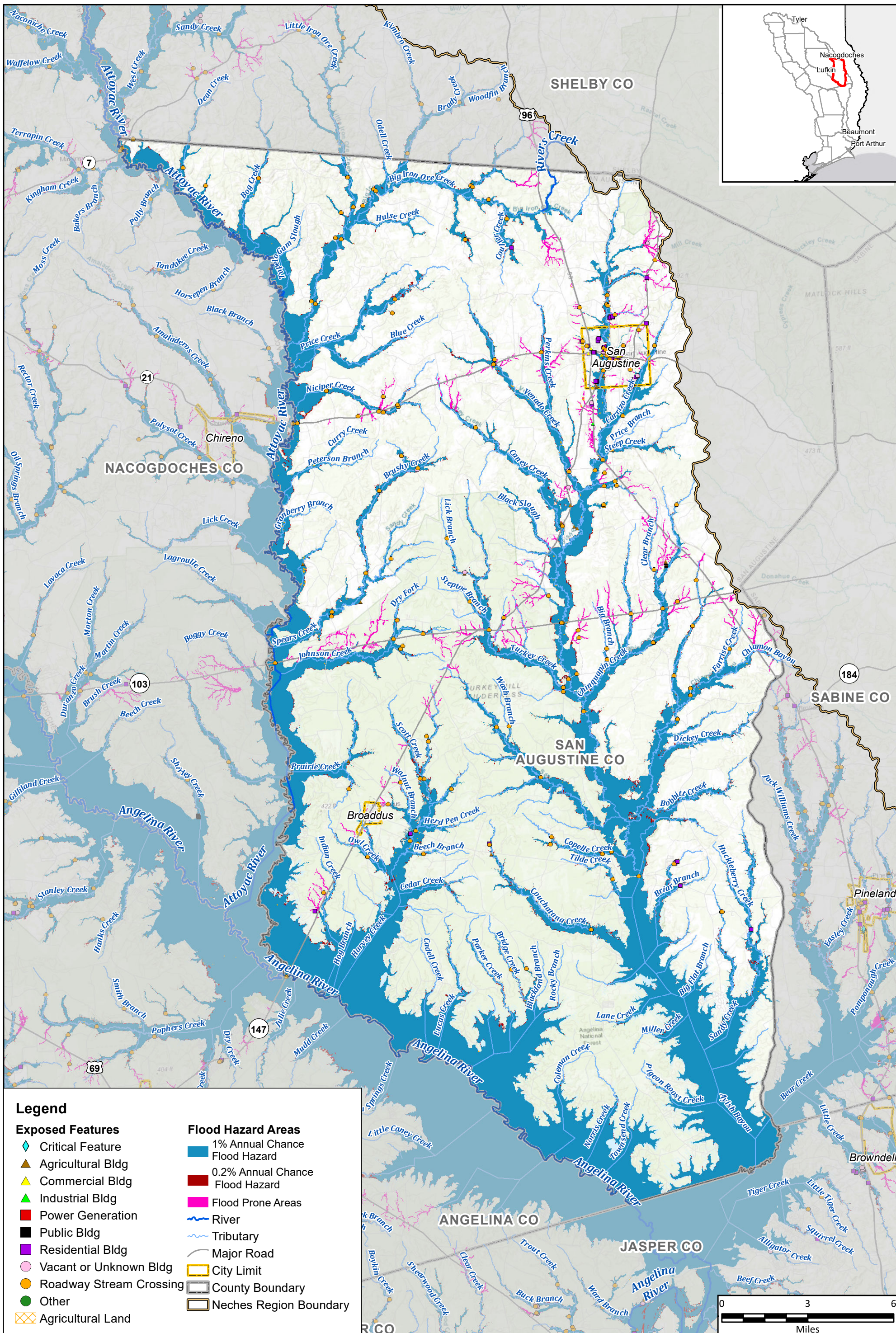
Region 5: Neches Regional Flood Plan
City of Lufkin



MAP 6
FIGURE 15 of 29

Existing Condition Flood Exposure

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Legend

Exposed Features

- ◆ Critical Feature
- ▲ Agricultural Bldg
- ▲ Commercial Bldg
- ▲ Industrial Bldg
- Power Generation
- Public Bldg
- Residential Bldg
- Vacant or Unknown Bldg
- Roadway Stream Crossing
- Other
- Agricultural Land

Flood Hazard Areas

- 1% Annual Chance Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Flood Prone Areas
- River
- Tributary
- Major Road
- City Limit
- County Boundary
- Neches Region Boundary



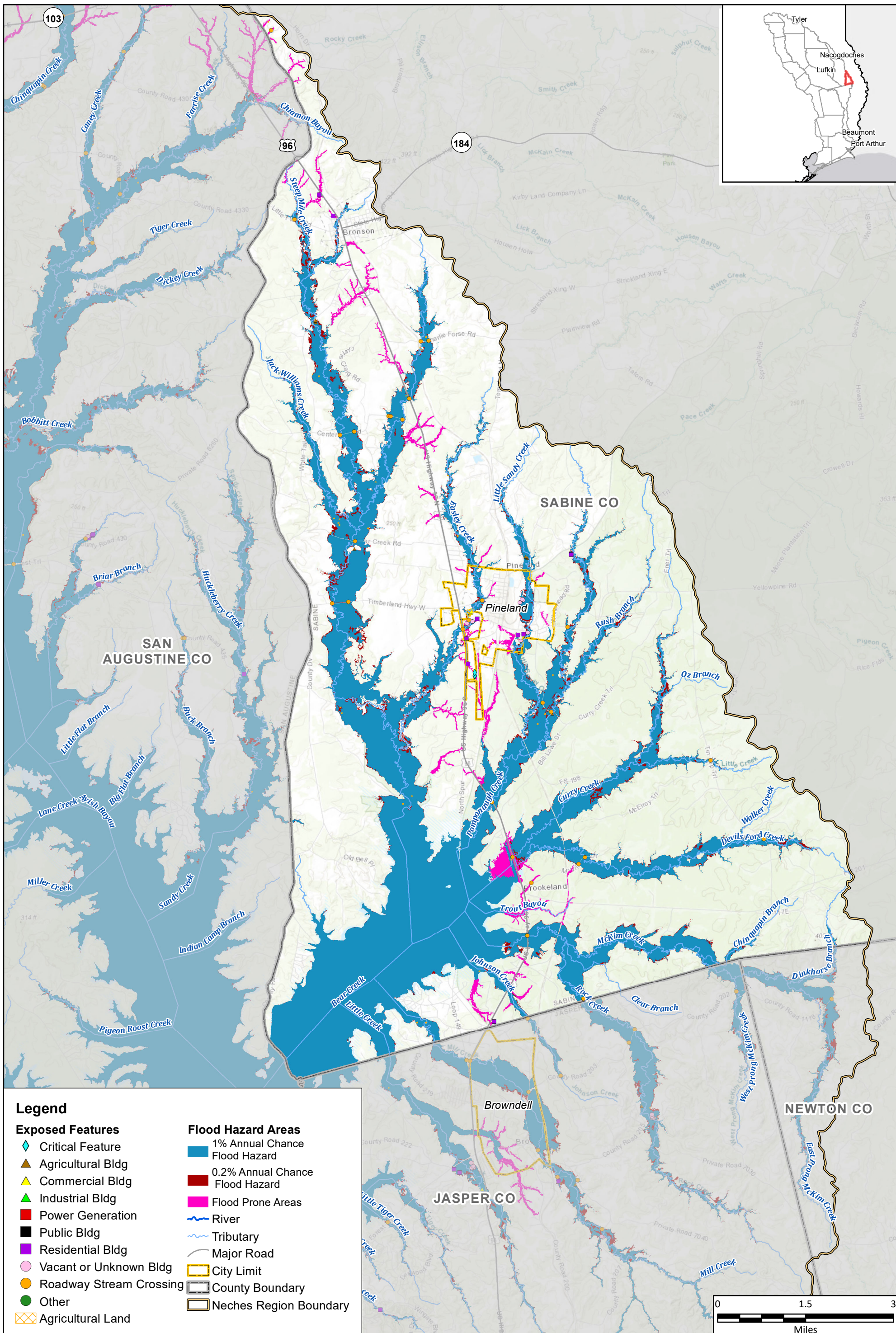
Region 5: Neches Regional Flood Plan
San Augustine County

Existing Condition Flood Exposure

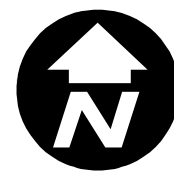
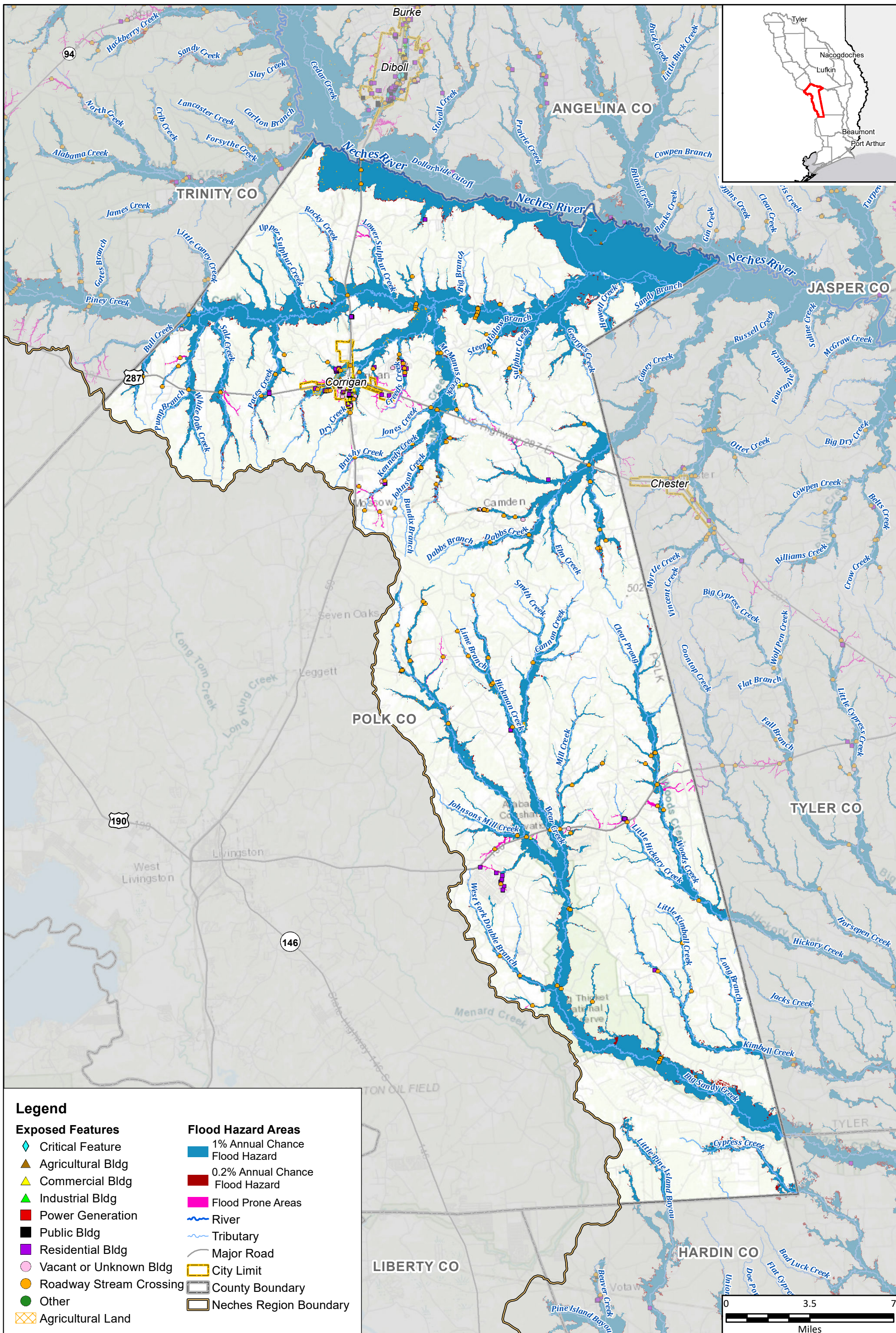


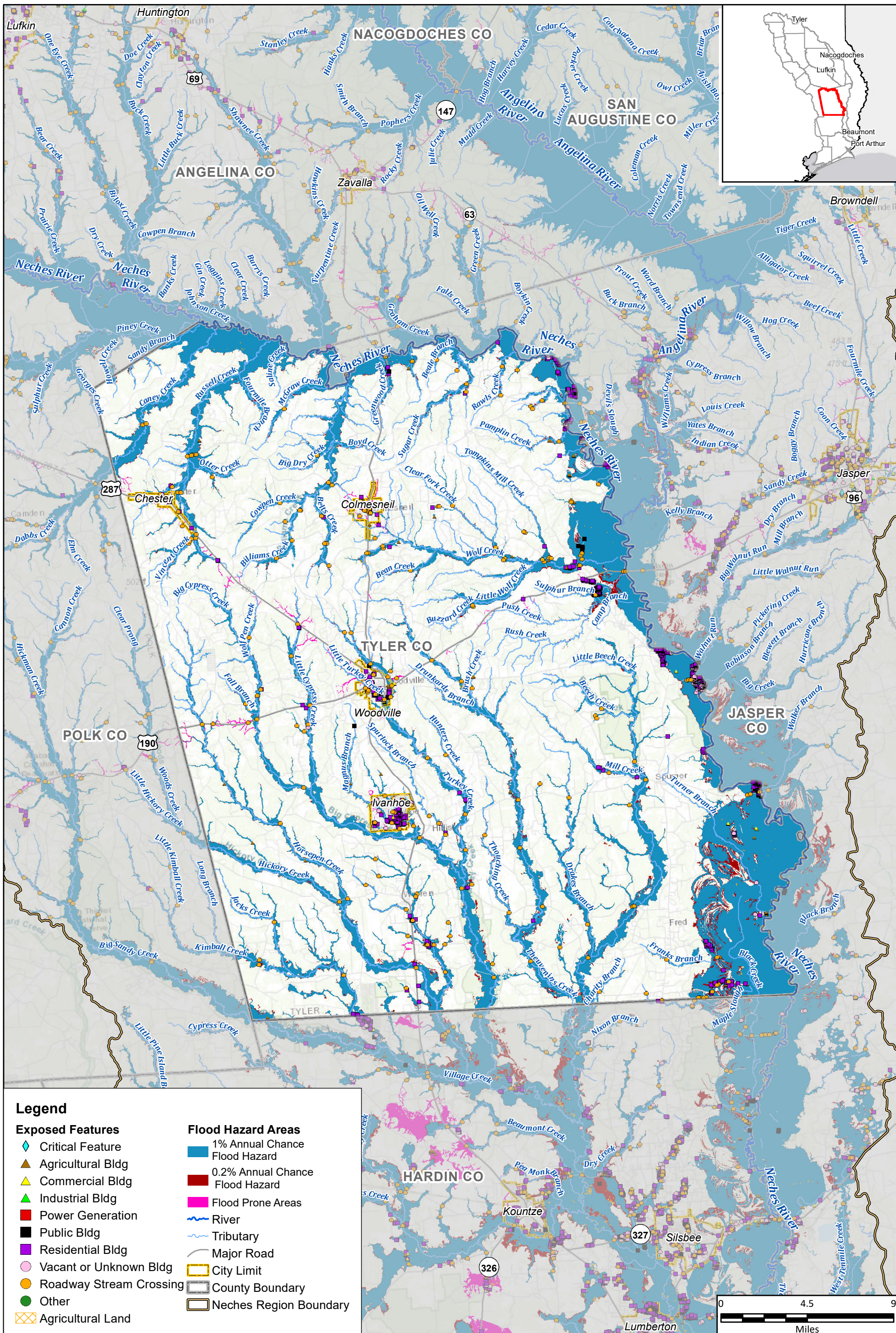
MAP 6
FIGURE 16 of 29

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Legend

Exposed Features

- ◆ Critical Feature
- ▲ Agricultural Bldg
- ▲ Commercial Bldg
- ▲ Industrial Bldg
- Power Generation
- Public Bldg
- Residential Bldg
- Vacant or Unknown Bldg
- Roadway Stream Crossing
- Other
- Agricultural Land

Flood Hazard Areas

- 1% Annual Chance Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Flood Prone Areas
- River
- Tributary
- Major Road
- City Limit
- County Boundary
- Neches Region Boundary



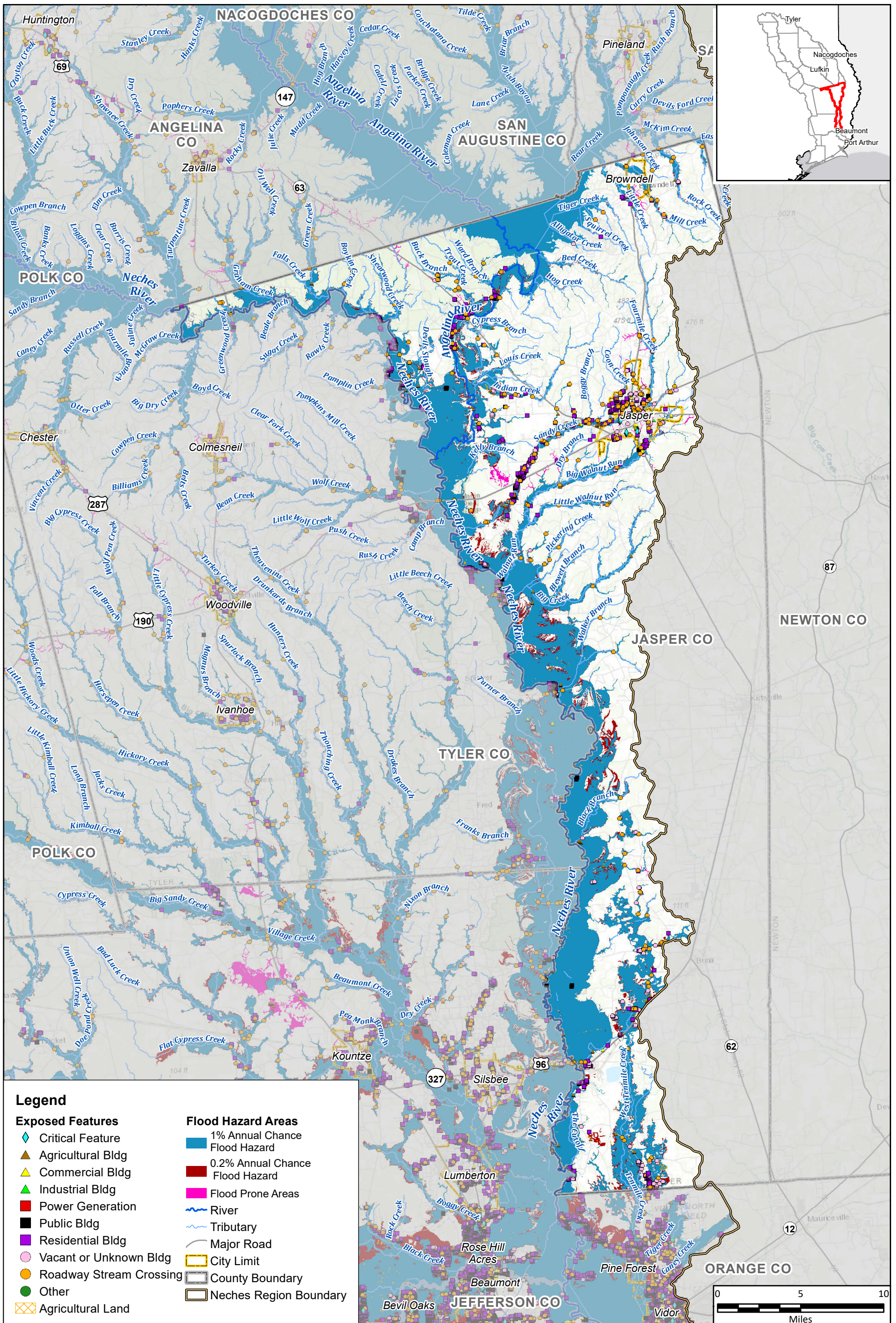
Region 5: Neches Regional Flood Plan
Tyler County

Existing Condition Flood Exposure



MAP 6
FIGURE 19 of 29

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Legend

Exposed Features

- ◆ Critical Feature
- ▲ Agricultural Bldg
- ▲ Commercial Bldg
- ▲ Industrial Bldg
- Power Generation
- Public Bldg
- Residential Bldg
- Vacant or Unknown Bldg
- Roadway Stream Crossing
- Other
- Agricultural Land

Flood Hazard Areas

- 1% Annual Chance Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Flood Prone Areas
- River
- Tributary
- Major Road
- City Limit
- County Boundary
- Neches Region Boundary



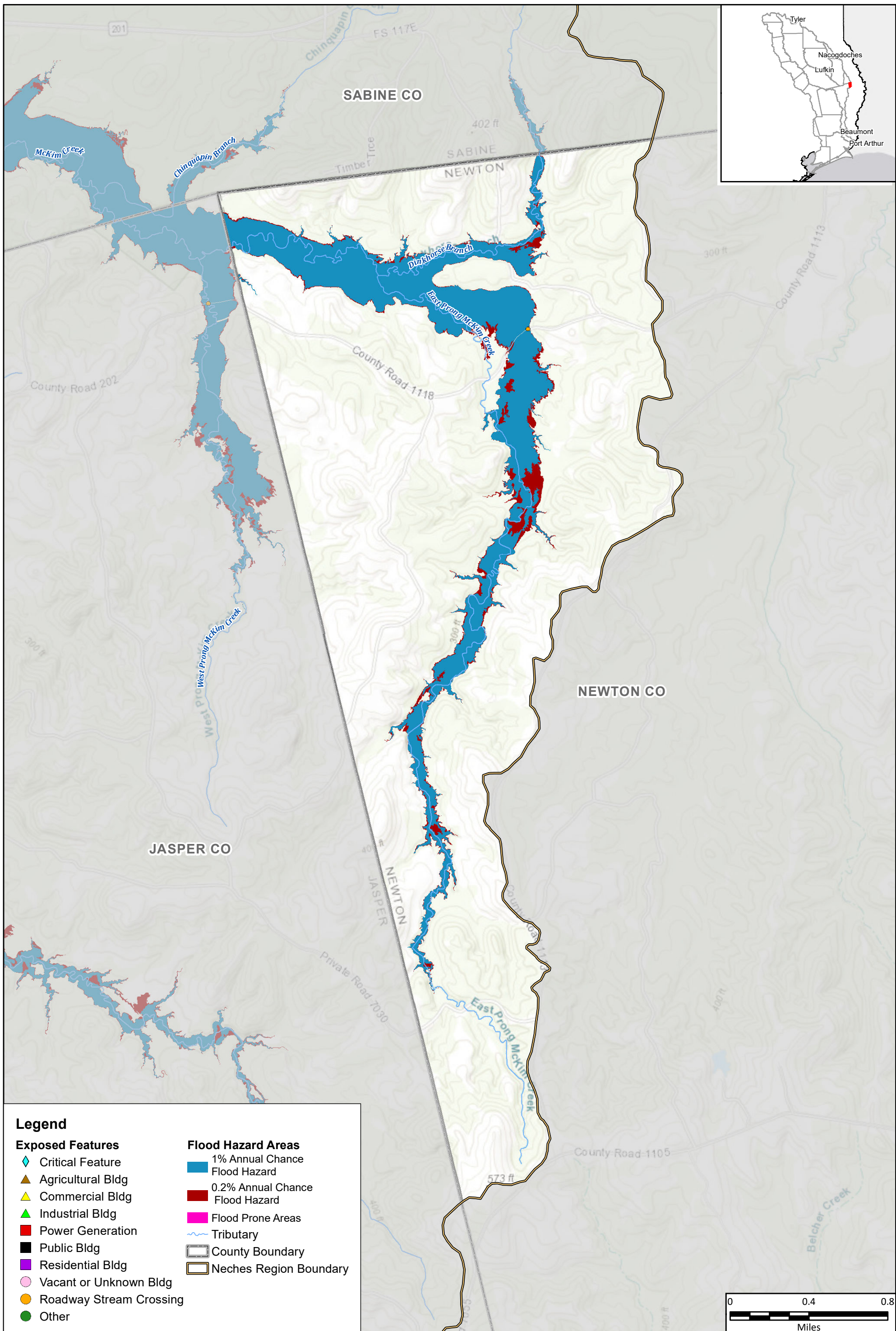
Region 5: Neches Regional Flood Plan
Jasper County

Existing Condition Flood Exposure



MAP 6
FIGURE 20 of 29

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Legend

Exposed Features

- ◆ Critical Feature
- ▲ Agricultural Bldg
- ▲ Commercial Bldg
- ▲ Industrial Bldg
- Power Generation
- Public Bldg
- Residential Bldg
- Vacant or Unknown Bldg
- Roadway Stream Crossing
- Other

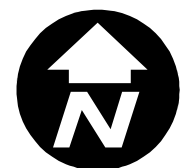
Flood Hazard Areas

- 1% Annual Chance Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Flood Prone Areas
- ~ Tributary
- County Boundary
- Neches Region Boundary

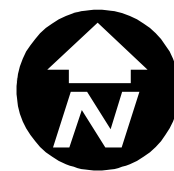
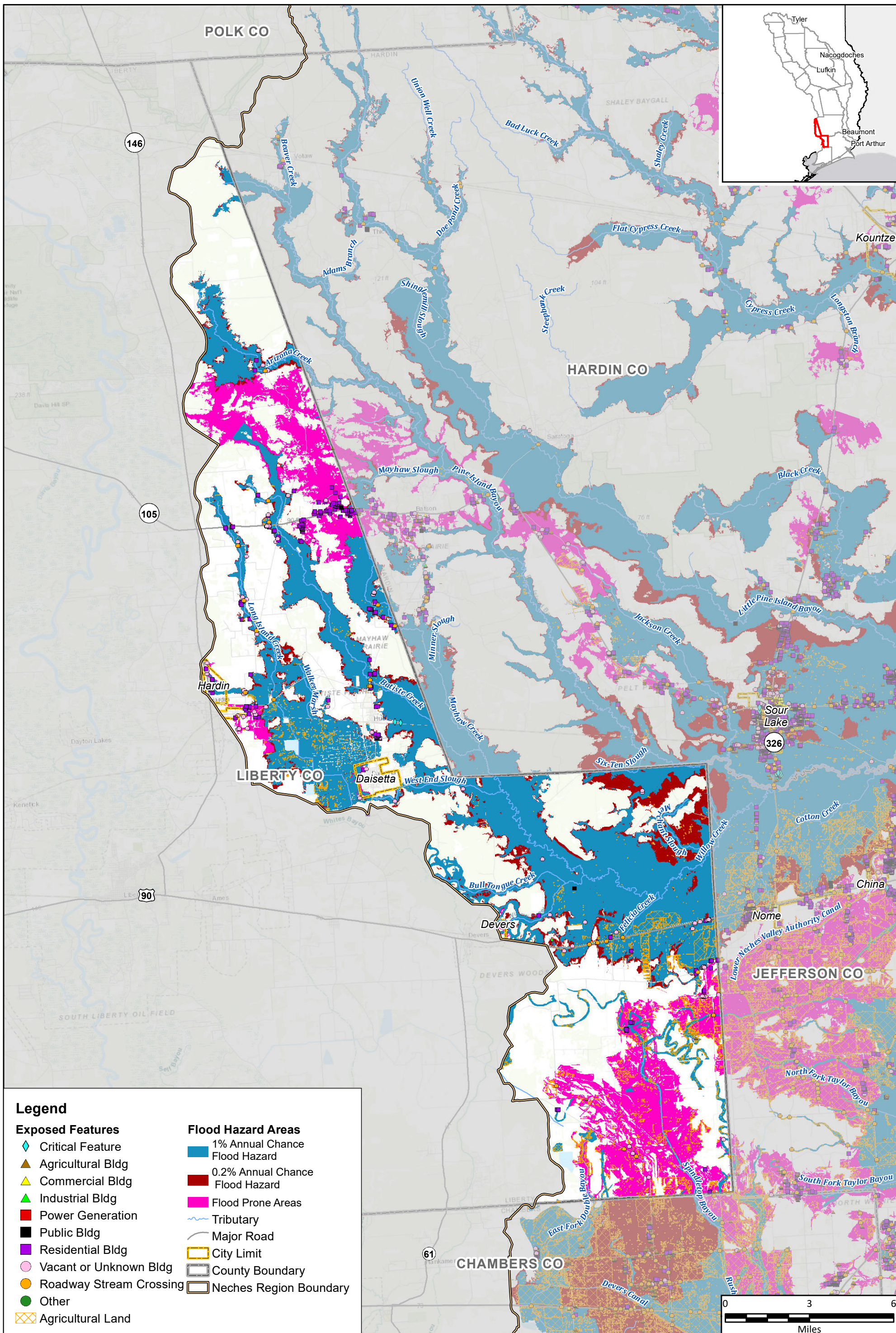


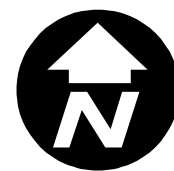
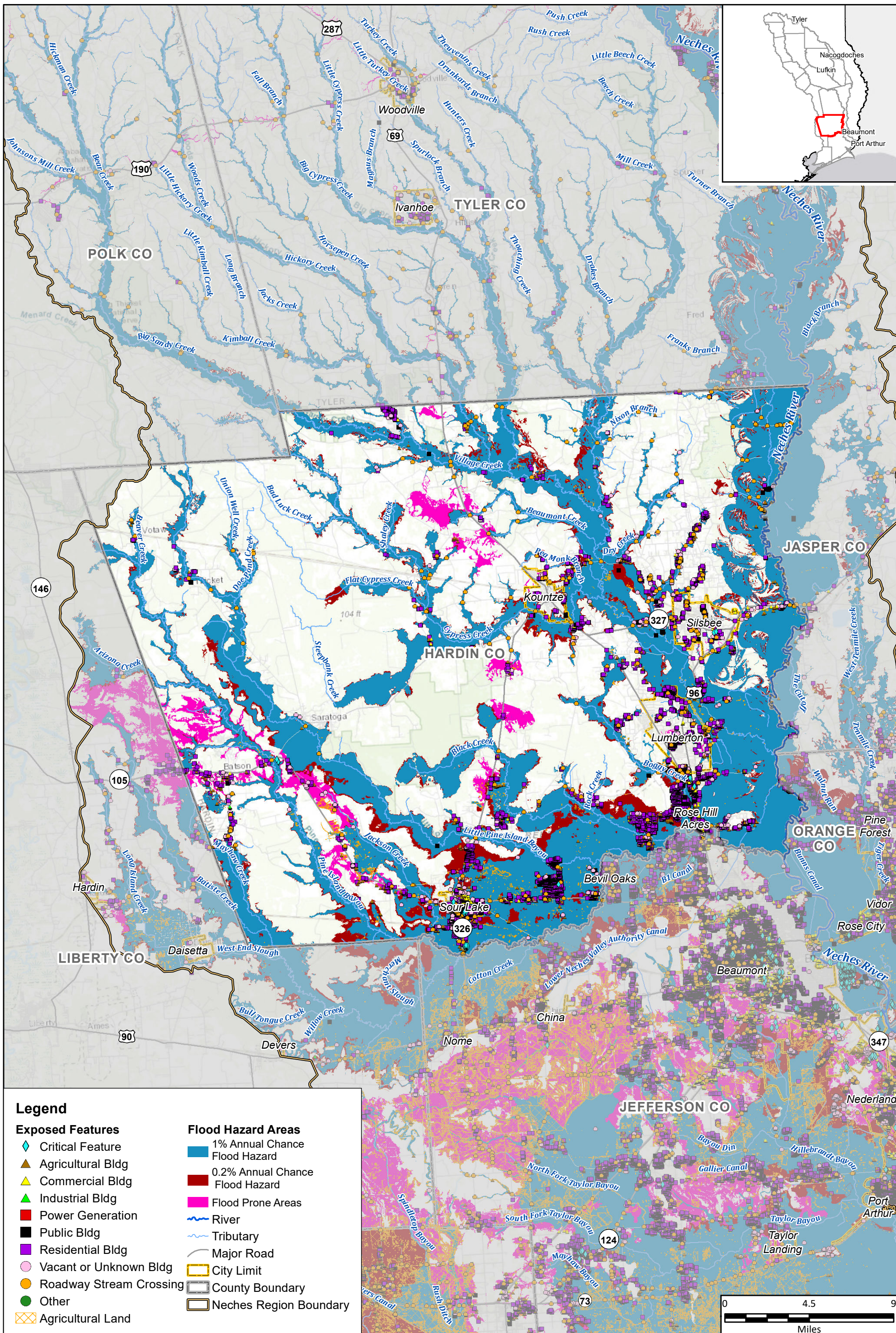
Region 5: Neches Regional Flood Plan
Newton County

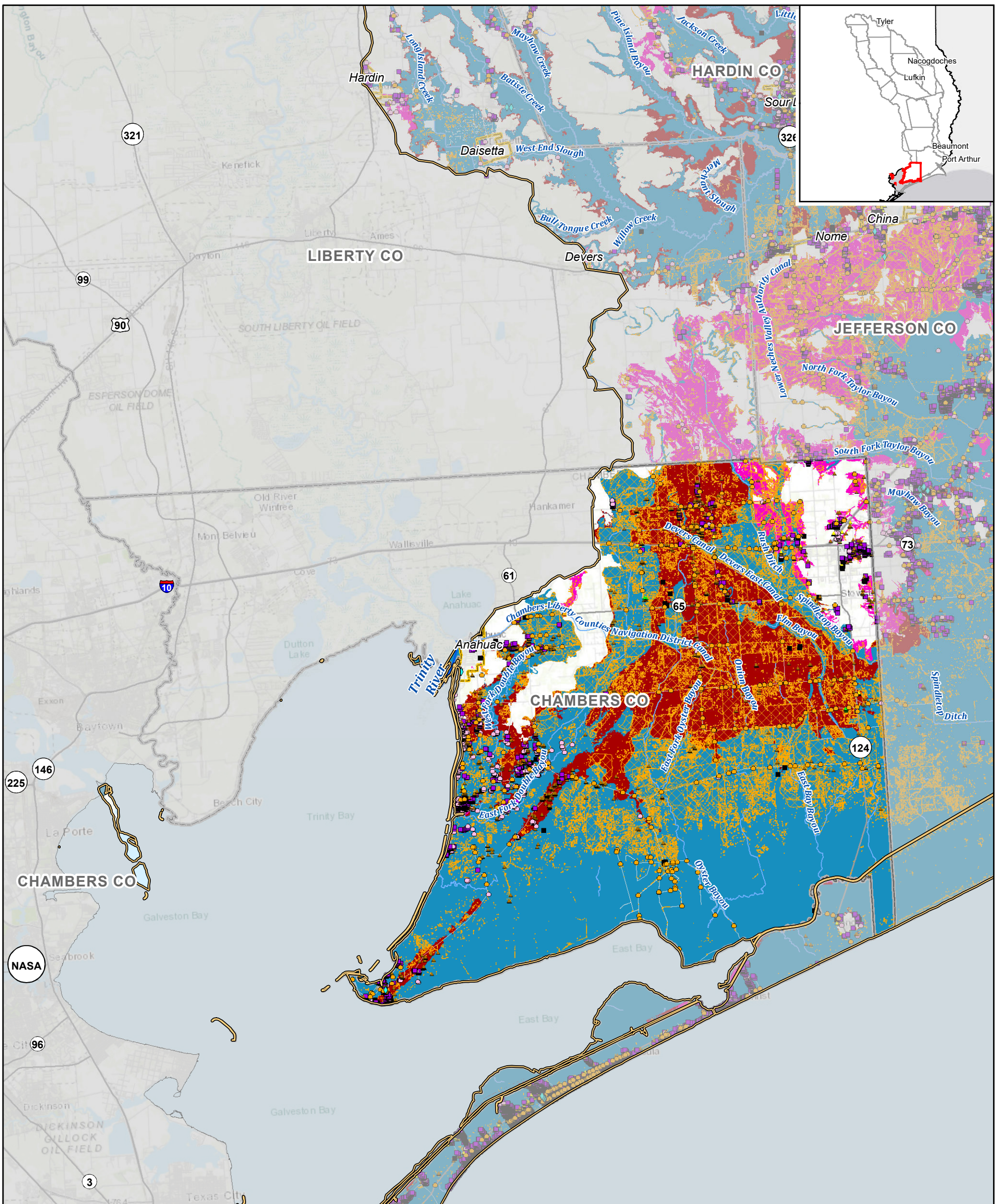
Existing Condition Flood Exposure



MAP 6
FIGURE 21 of 29

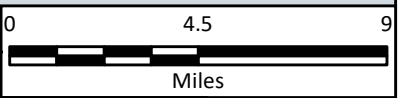






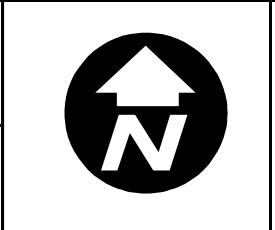
Legend

Exposed Features	Flood Hazard Areas
◆ Critical Feature	1% Annual Chance Flood Hazard
▲ Agricultural Bldg	0.2% Annual Chance Flood Hazard
▲ Commercial Bldg	Flood Prone Areas
▲ Industrial Bldg	— River
■ Power Generation	— Tributary
■ Public Bldg	— Major Road
■ Residential Bldg	▭ City Limit
○ Vacant or Unknown Bldg	▭ County Boundary
● Roadway Stream Crossing	▭ Neches Region Boundary
● Other	
▨ Agricultural Land	

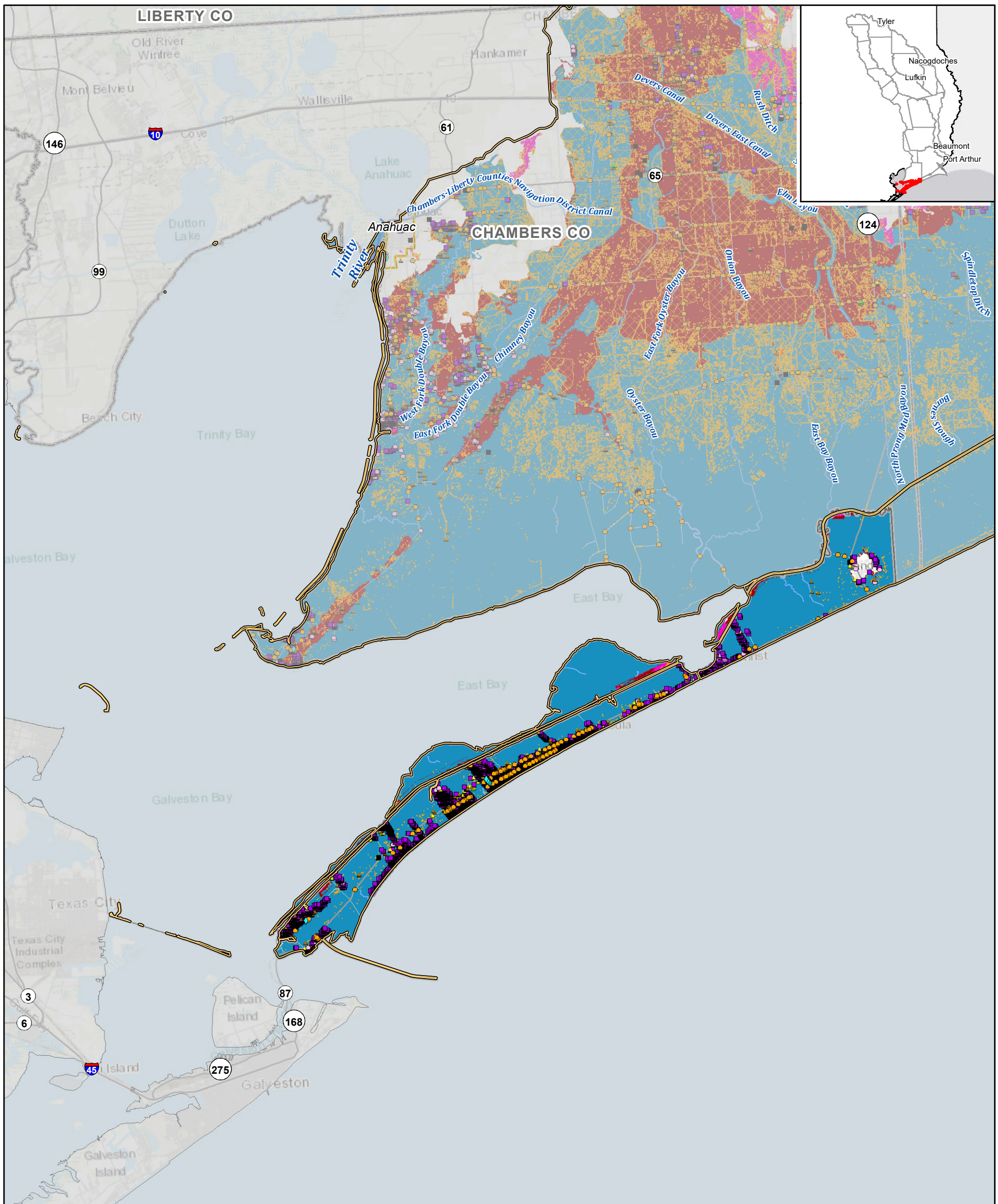


Region 5: Neches Regional Flood Plan
Chambers County

Existing Condition Flood Exposure



MAP 6
FIGURE 24 of 29



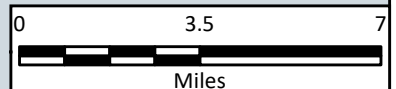
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Exposed Features

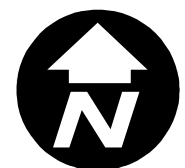
- Critical Feature
- Agricultural Bldg
- Commercial Bldg
- Industrial Bldg
- Power Generation
- Public Bldg
- Residential Bldg
- Vacant or Unknown Bldg
- Roadway Stream Crossing
- Other
- Agricultural Land

Flood Hazard Areas

- 1% Annual Chance Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Flood Prone Areas
- River
- Tributary
- Major Road
- City Limit
- County Boundary
- Neches Region Boundary



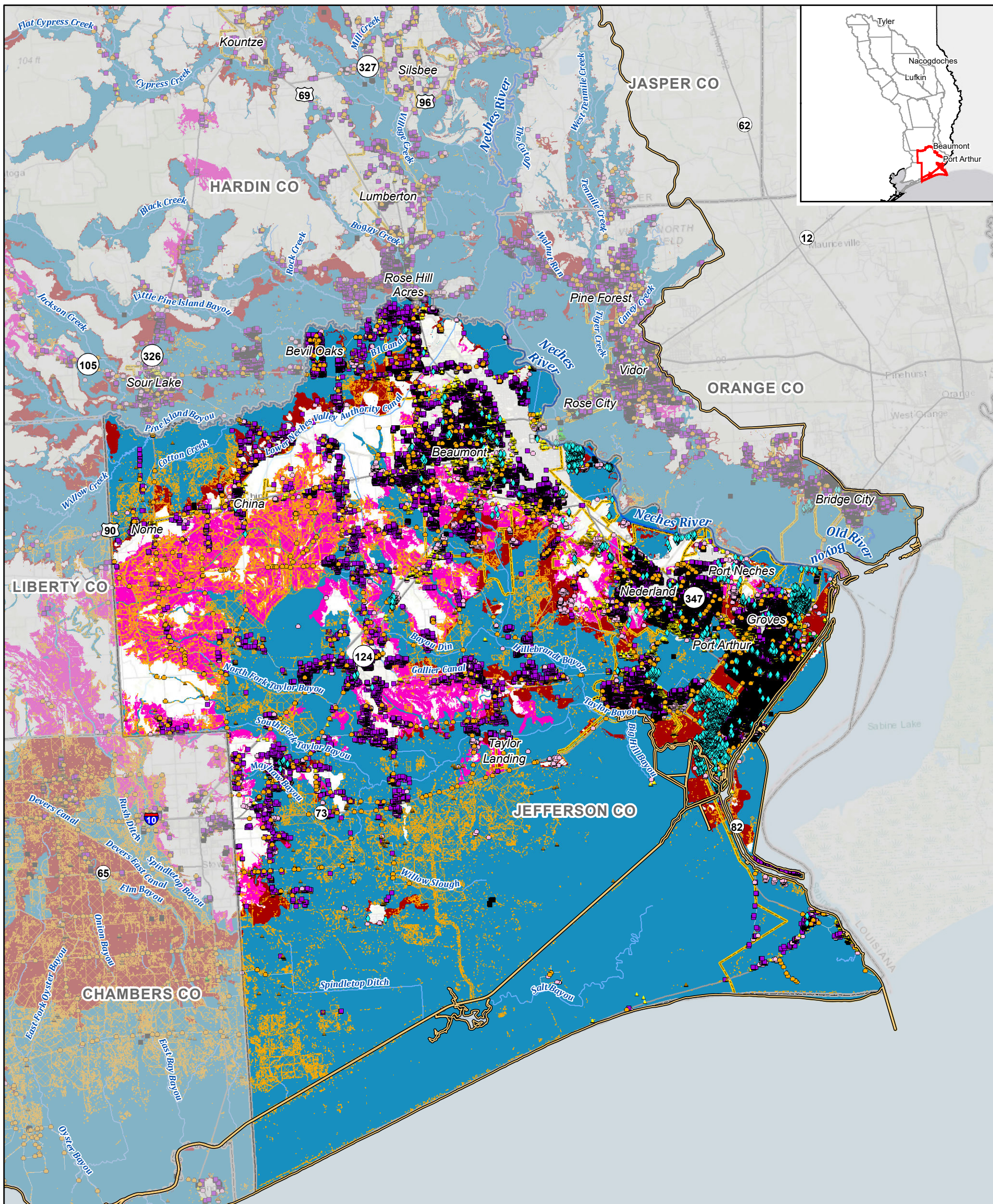
Region 5: Neches Regional Flood Plan
Galveston County



MAP 6
FIGURE 25 of 29

Existing Condition Flood Exposure

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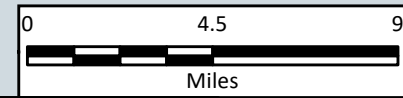
Legend

Exposed Features

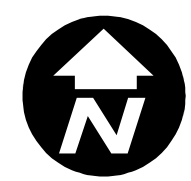
- ◆ Critical Feature
- ▲ Agricultural Bldg
- ▲ Commercial Bldg
- ▲ Industrial Bldg
- Power Generation
- Public Bldg
- Residential Bldg
- Vacant or Unknown Bldg
- Roadway Stream Crossing
- Other
- Agricultural Land

Flood Hazard Areas

- 1% Annual Chance Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Flood Prone Areas
- ~ River
- ~ Tributary
- Major Road
- City Limit
- County Boundary
- Neches Region Boundary



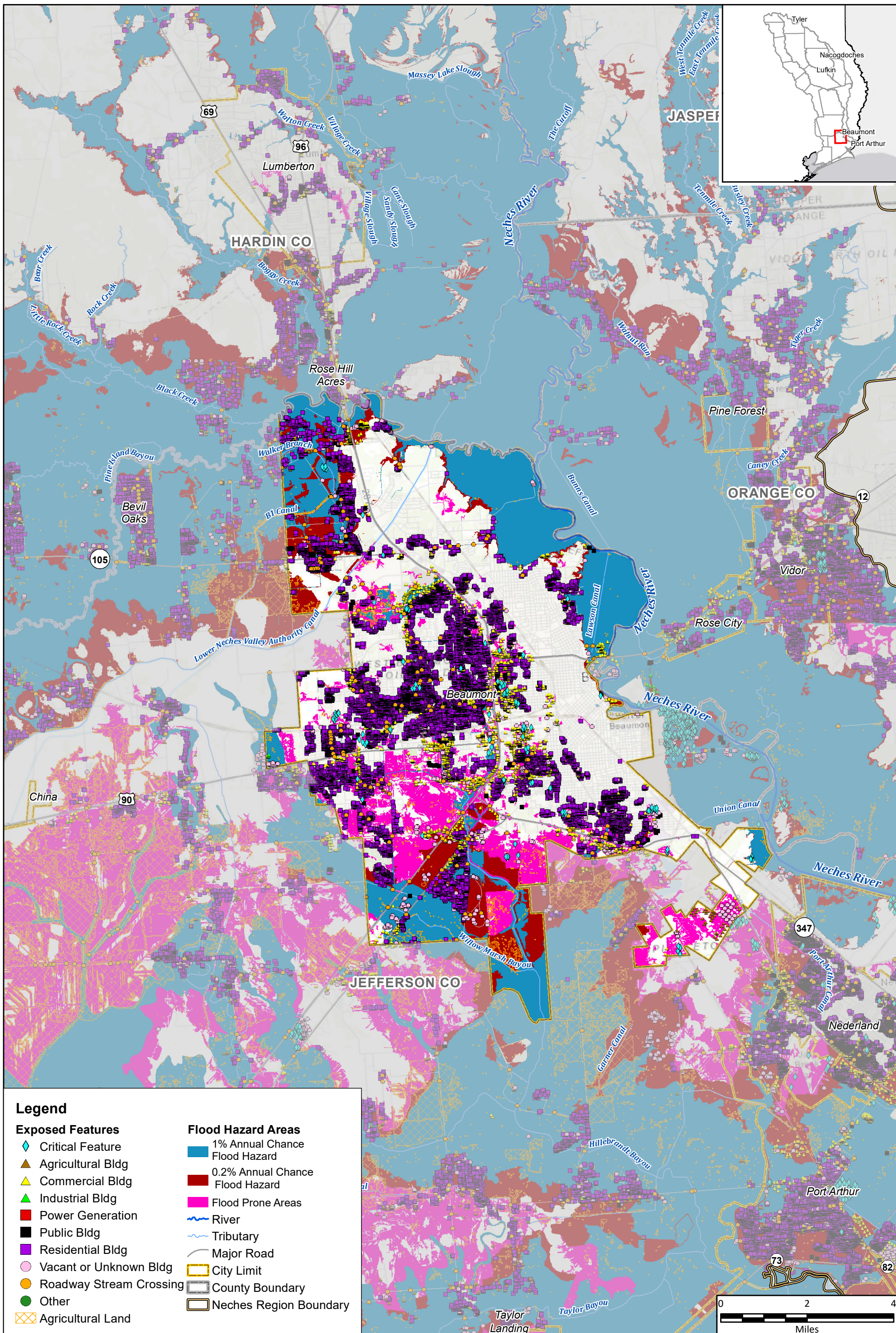
Region 5: Neches Regional Flood Plan
Jefferson County



MAP 6
FIGURE 26 of 29

Existing Condition Flood Exposure

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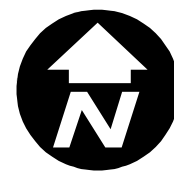
Legend

Exposed Features

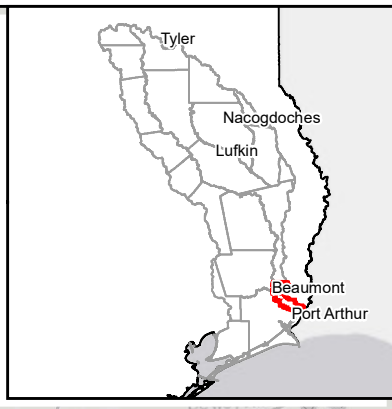
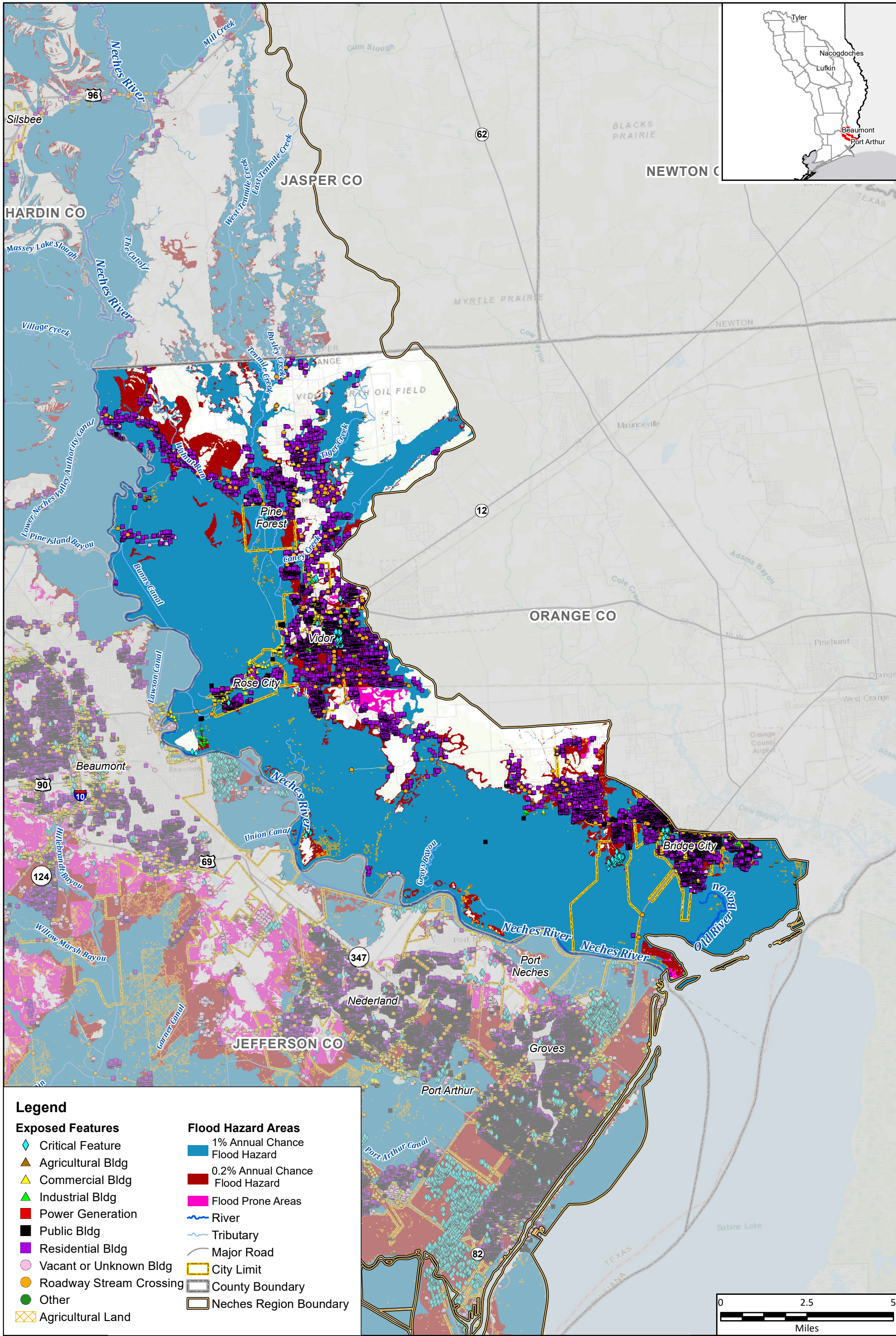
- Critical Feature
- Agricultural Bldg
- Commercial Bldg
- Industrial Bldg
- Power Generation
- Public Bldg
- Residential Bldg
- Vacant or Unknown Bldg
- Roadway Stream Crossing
- Other
- Agricultural Land

Flood Hazard Areas

- 1% Annual Chance Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Flood Prone Areas
- River
- Tributary
- Major Road
- City Limit
- County Boundary
- Neches Region Boundary

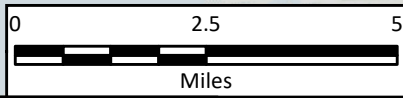


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Legend

- | | |
|---------------------------|-----------------------------------|
| Exposed Features | Flood Hazard Areas |
| ◆ Critical Feature | ■ 1% Annual Chance Flood Hazard |
| ▲ Agricultural Bldg | ■ 0.2% Annual Chance Flood Hazard |
| ▲ Commercial Bldg | ■ Flood Prone Areas |
| ▲ Industrial Bldg | ~ River |
| ■ Power Generation | ~ Tributary |
| ■ Public Bldg | — Major Road |
| ■ Residential Bldg | — City Limit |
| ○ Vacant or Unknown Bldg | — County Boundary |
| ● Roadway Stream Crossing | — Neches Region Boundary |
| ● Other | |
| ▨ Agricultural Land | |



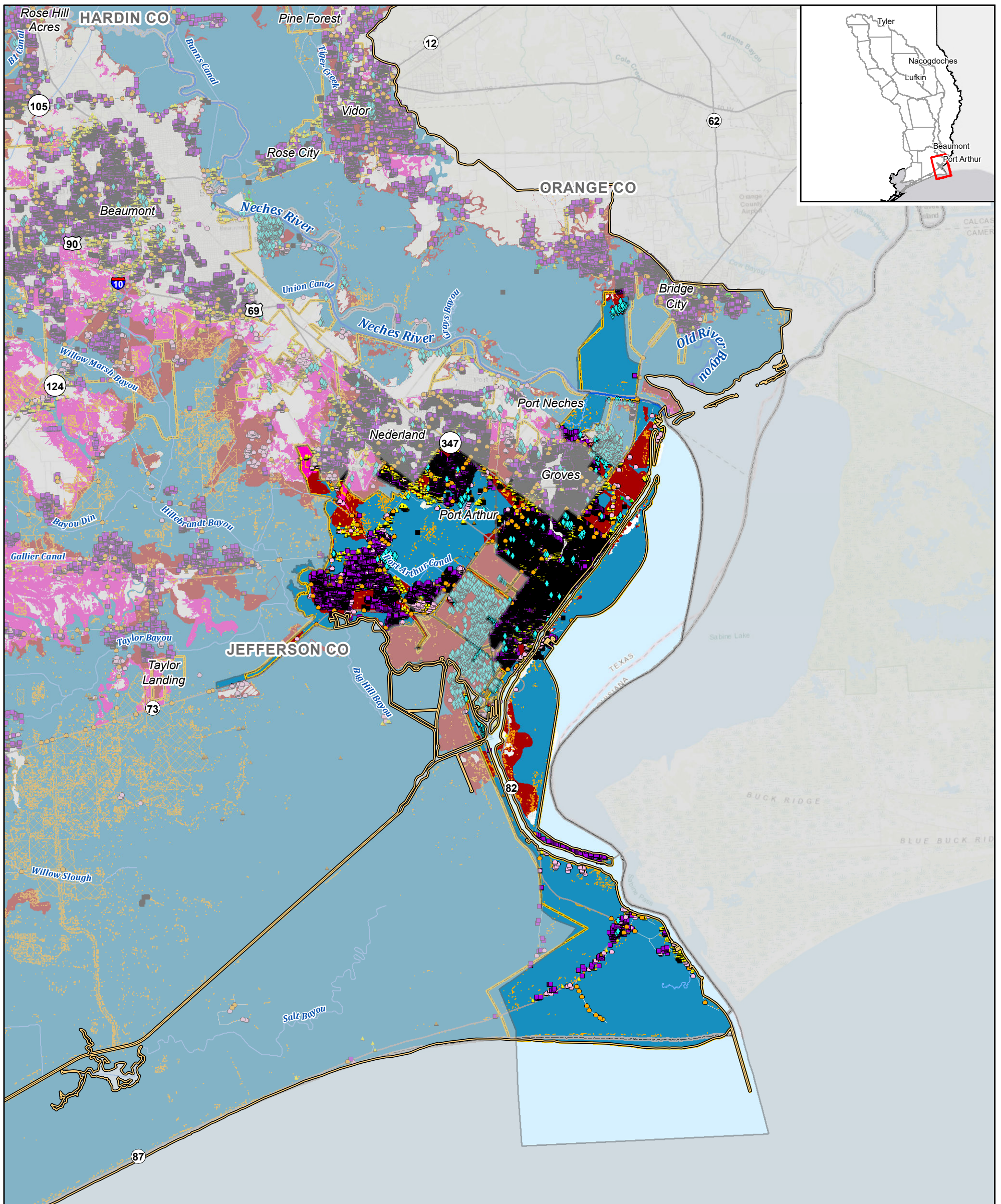
Region 5: Neches Regional Flood Plan
Orange County

Existing Condition Flood Exposure



MAP 6
FIGURE 28 of 29

Path: T:\7.0 DELIVERABLES\105_Final_Plan\FinalData\StaticMaps\Map_6_ExpFloodExposure_Mapbook_Neches11x17.mxd



Legend

Exposed Features

- ◆ Critical Feature
- ▲ Agricultural Bldg
- ▲ Commercial Bldg
- ▲ Industrial Bldg
- Power Generation
- Public Bldg
- Residential Bldg
- Vacant or Unknown Bldg
- Roadway Stream Crossing
- Other
- Agricultural Land

Flood Hazard Areas

- 1% Annual Chance Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Flood Prone Areas
- ~ River
- ~ Tributary
- Major Road
- City Limit
- County Boundary
- Neches Region Boundary



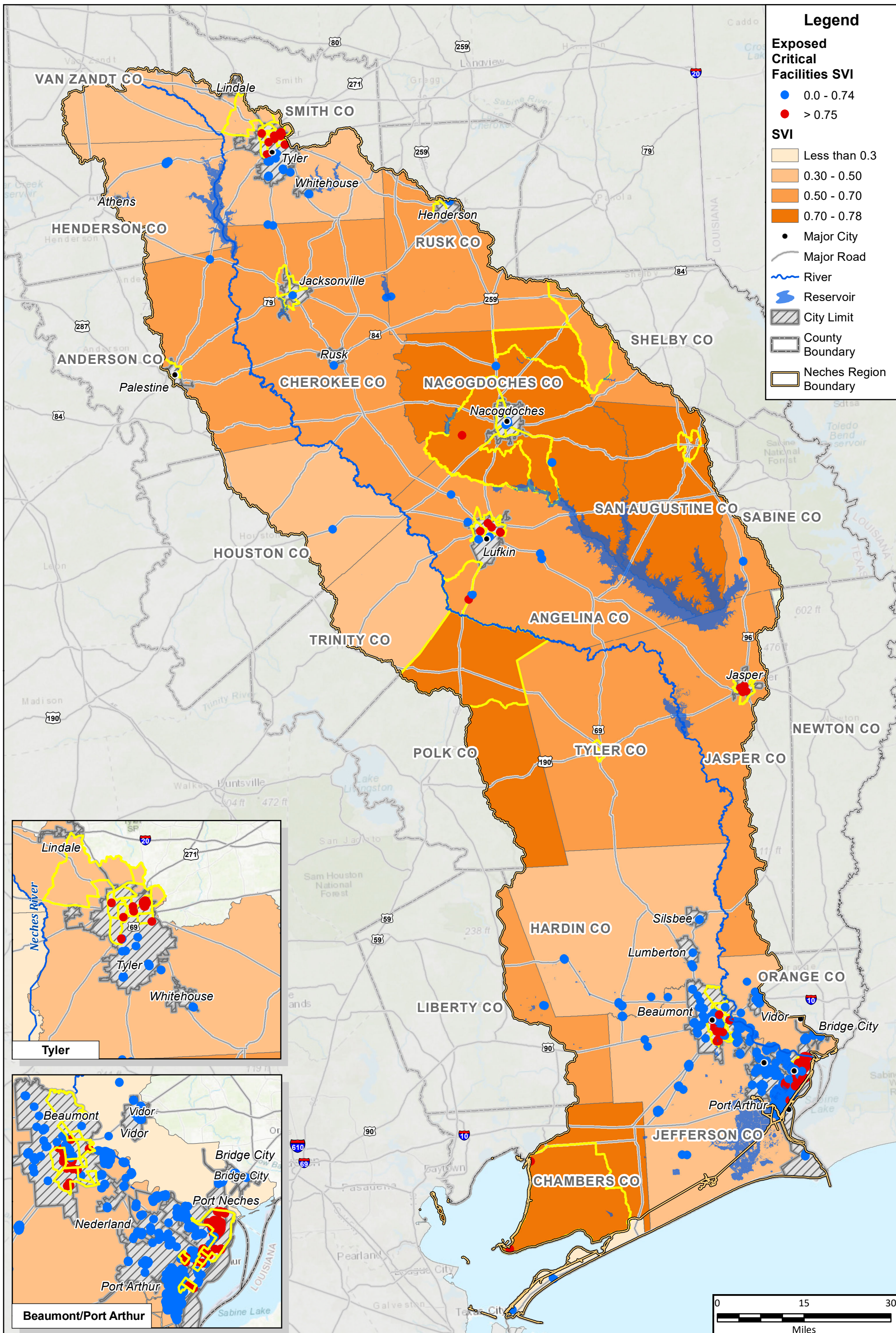
Region 5: Neches Regional Flood Plan
City of Port Arthur

Existing Condition Flood Exposure



MAP 6
FIGURE 29 of 29

Path: T:\7.0 DELIVERABLES\105_Final_Plan\FinalData\StaticMaps\Map_6_ExpFloodExposure_Mapbook_Neches11x17.mxd



Legend

Exposed Critical Facilities SVI

- 0.0 - 0.74
- > 0.75

SVI

- Less than 0.3
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 0.78

● Major City

— Major Road

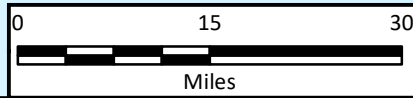
— River

— Reservoir

▨ City Limit

▭ County Boundary

▭ Neches Region Boundary

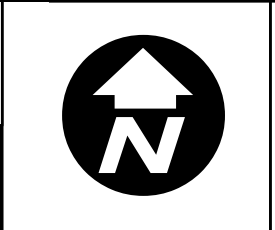


Region 5: Neches Regional Flood Plan

Existing Condition Flood Hazard

Existing Condition Vulnerability and

Critical Infrastructure



MAP
7A