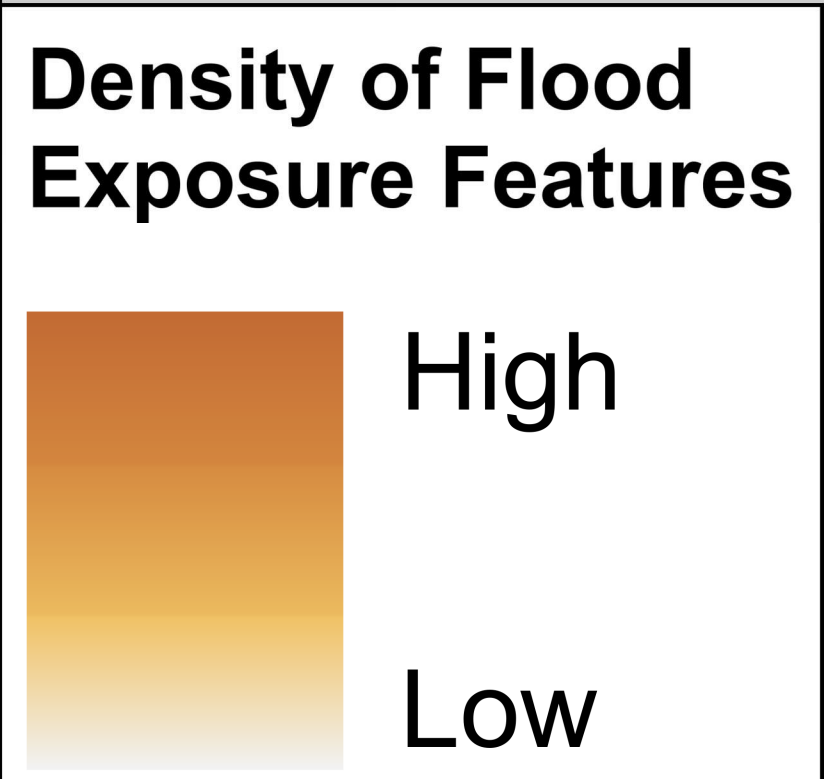
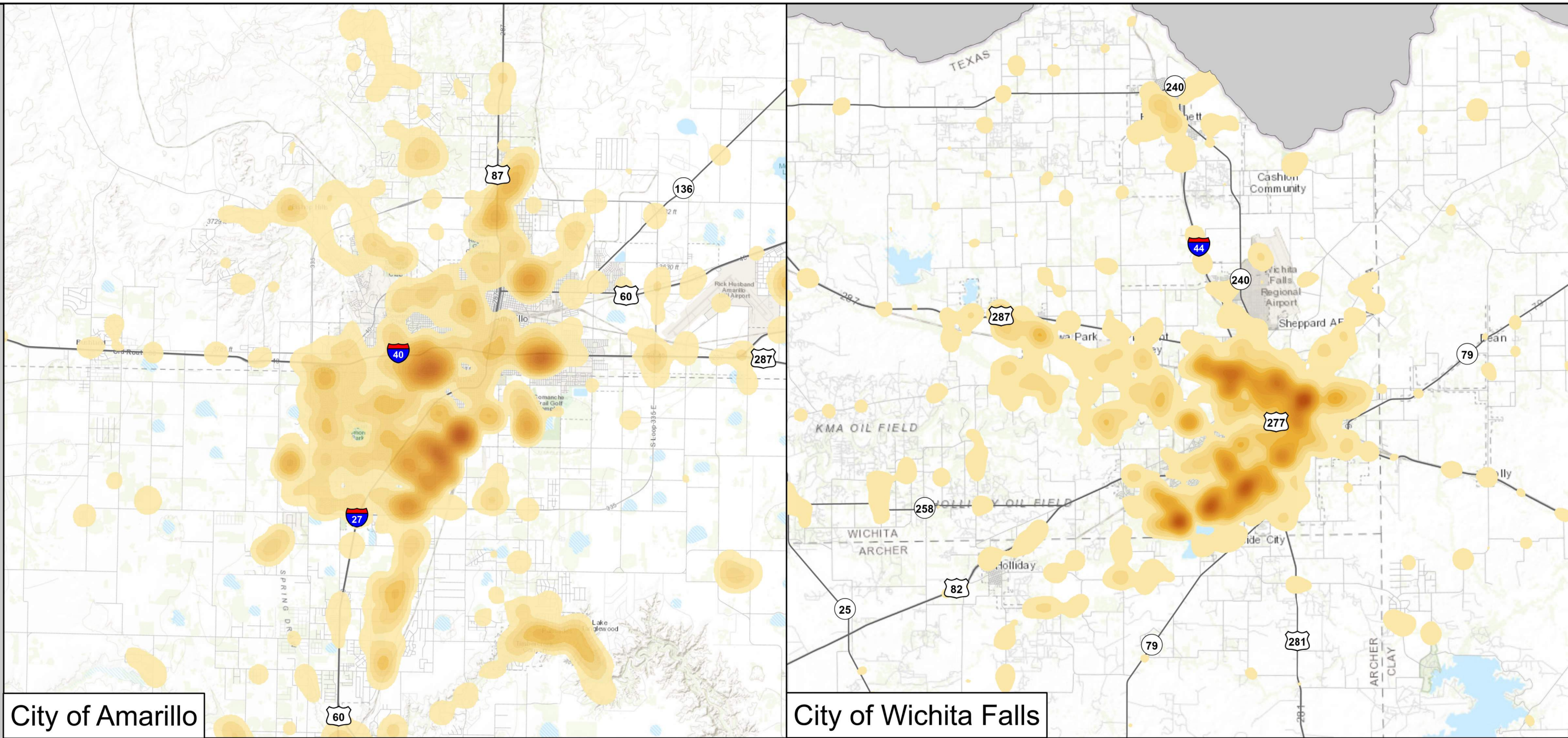
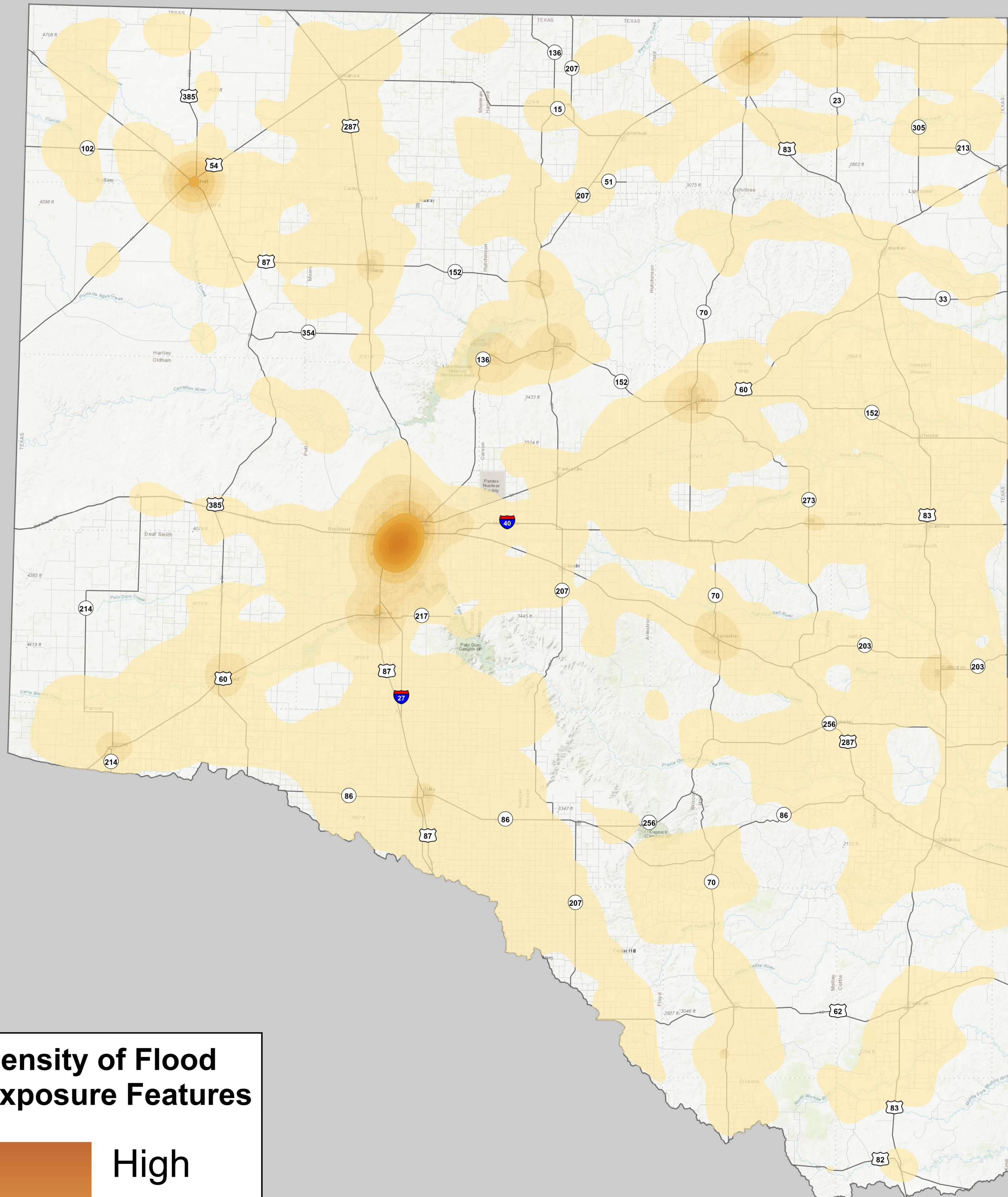
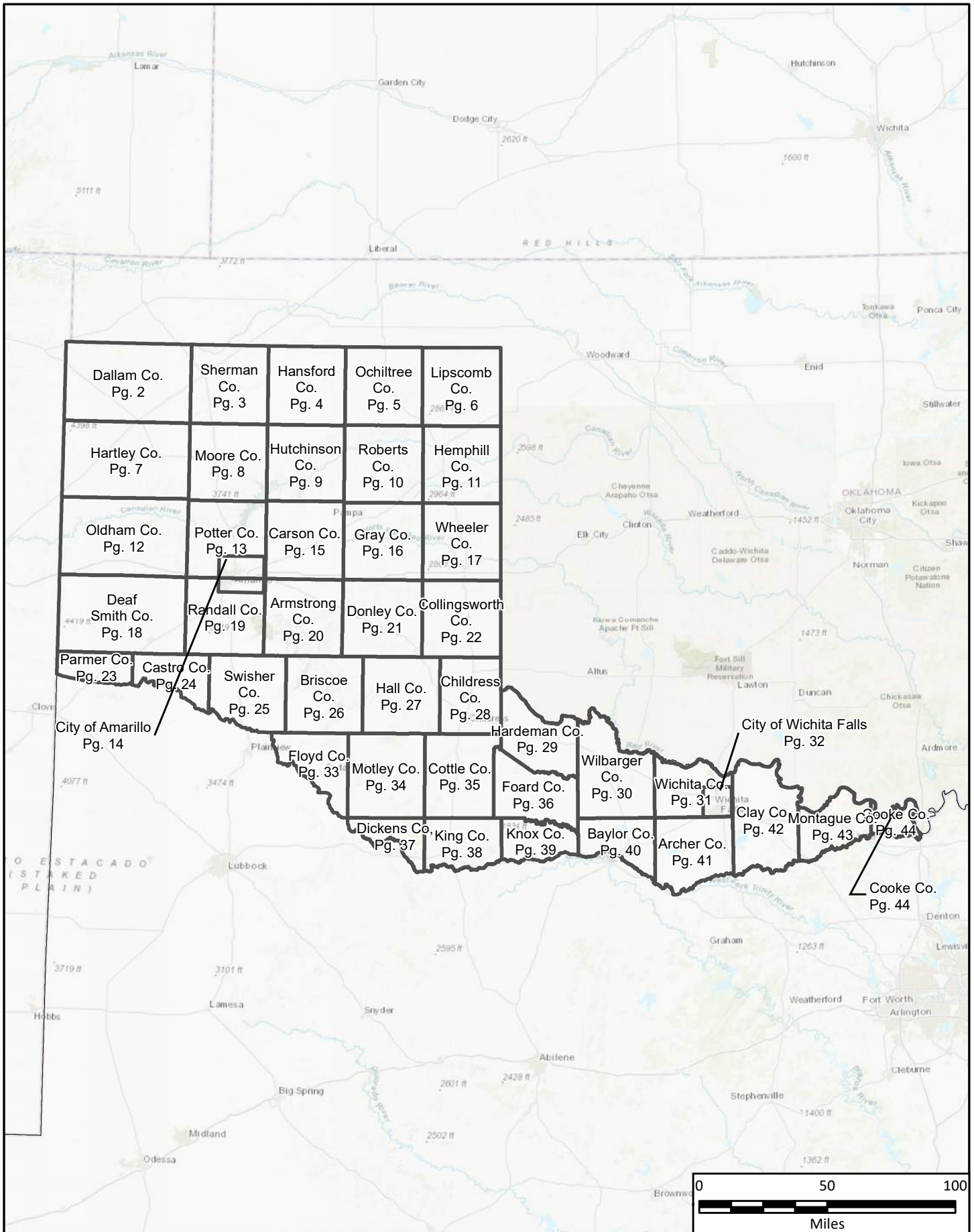


Appendix B-1 | B-1.3

Map 6 – Existing Condition Flood Exposure





PROJECT NO.	PPC21323
DATE CREATED	12/8/2022
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	MapIndex_44Pages
PREPARED BY	HDO

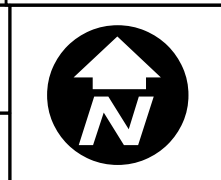
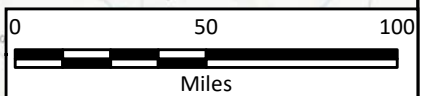
REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE & NICHOLS
Freese and Nichols, Inc.
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

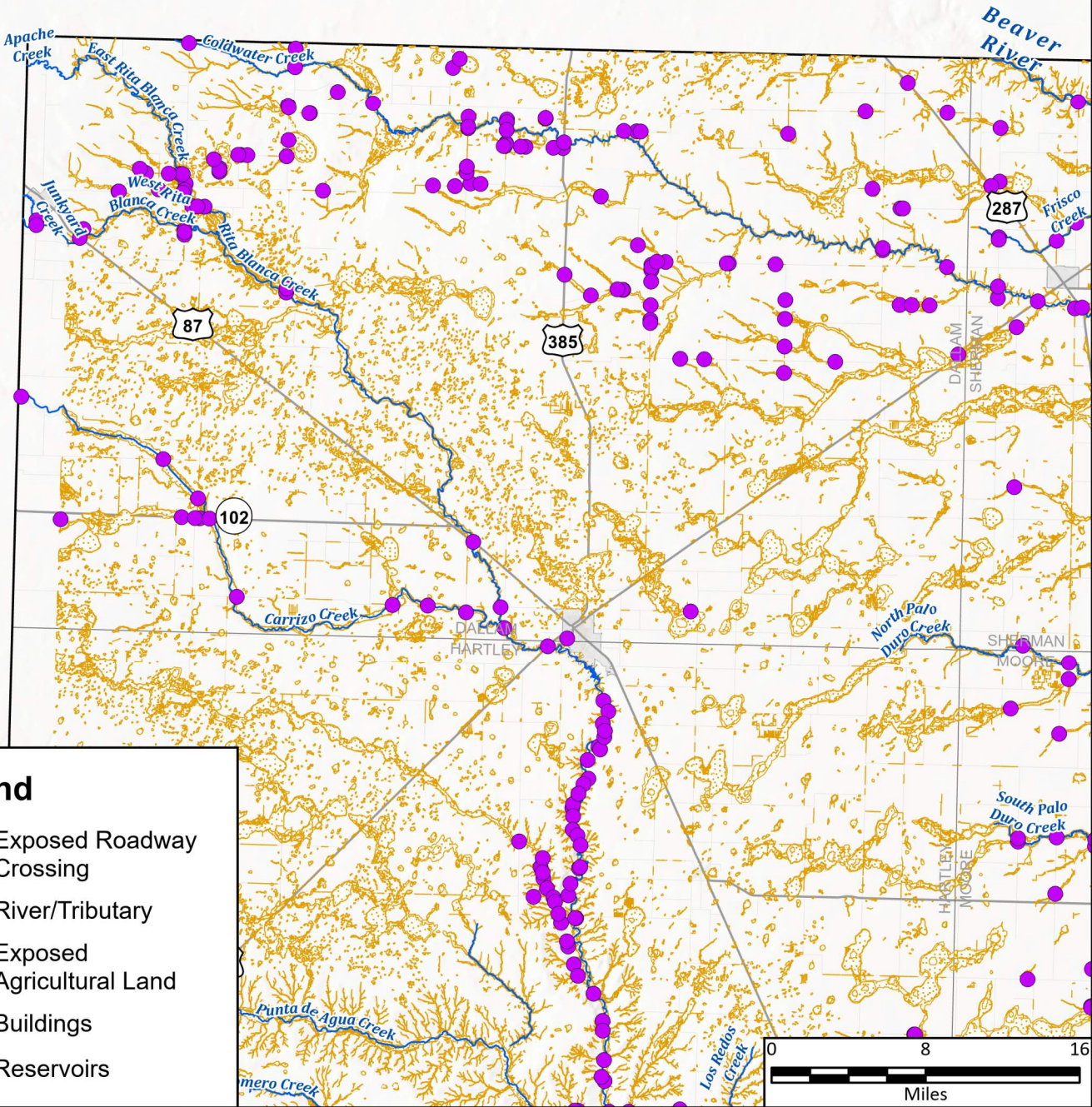
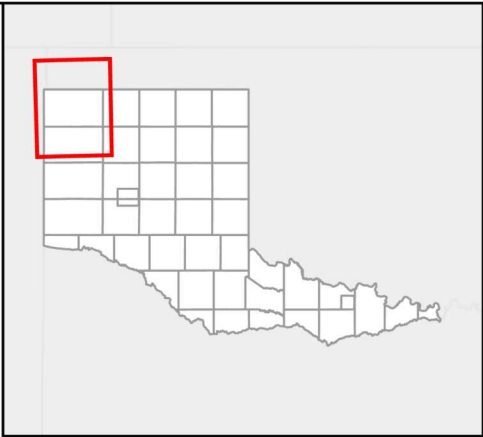
Region 1: Canadian - Upper Red

Map Index

Existing Condition Flood Exposure



Map 6
1 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	801 CHERRY ST. SUITE 2800 FORT WORTH, TEXAS 76102 OFFICE: (817) 735-7300
FILE NAME	Untitled
PREPARED BY	HDO

REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREES & NICHOLS

Region 1: Canadian - Upper Red

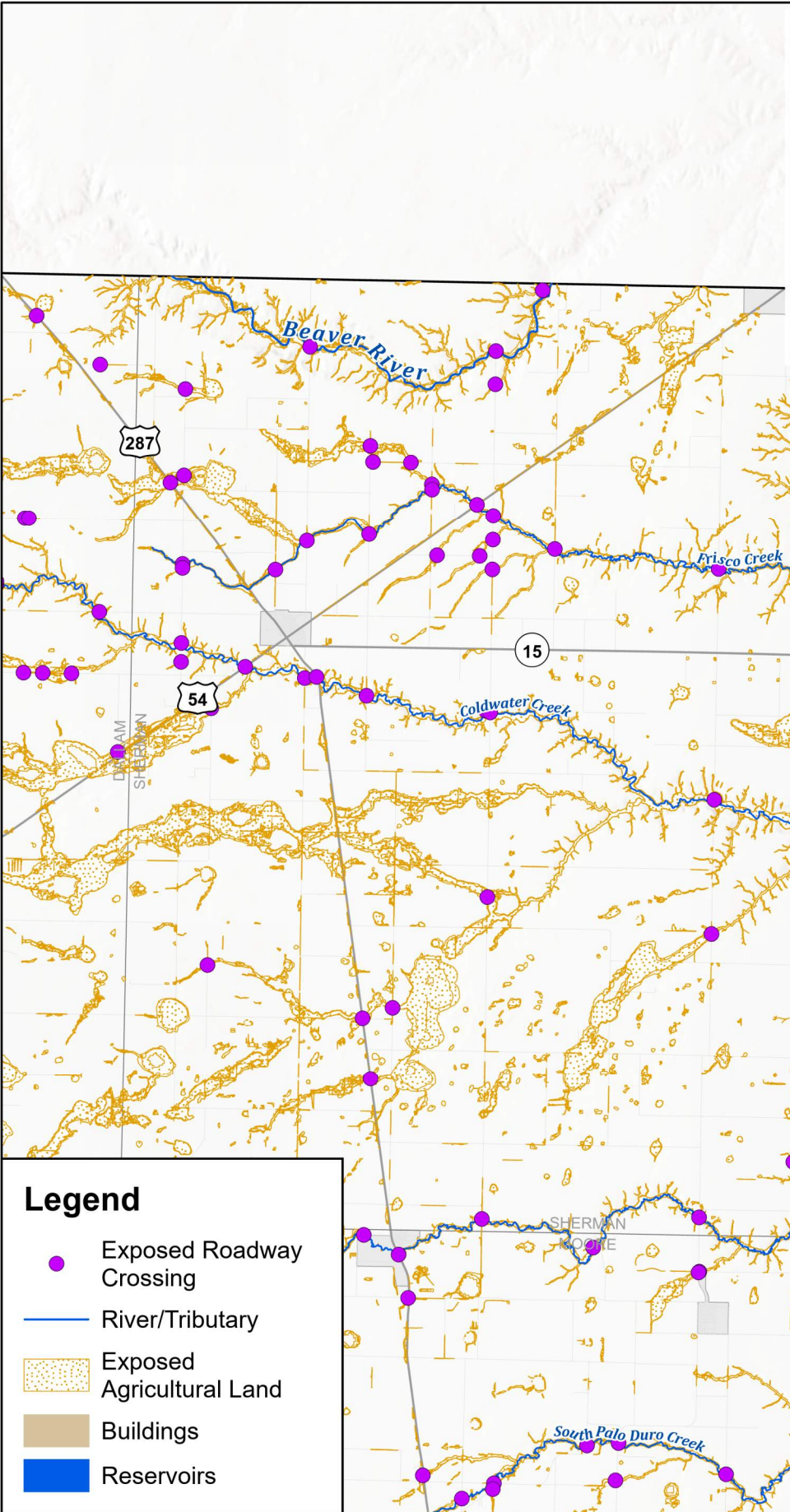
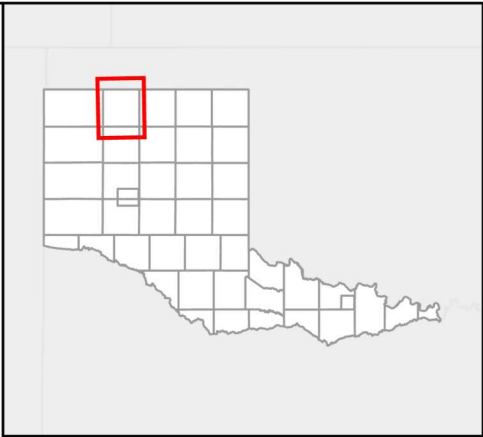
Dallam County

Existing Condition Flood Exposure



Map 6

2 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	ADAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	Untitled
PREPARED BY	HDO

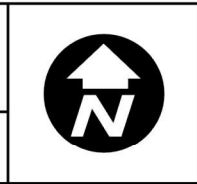
REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

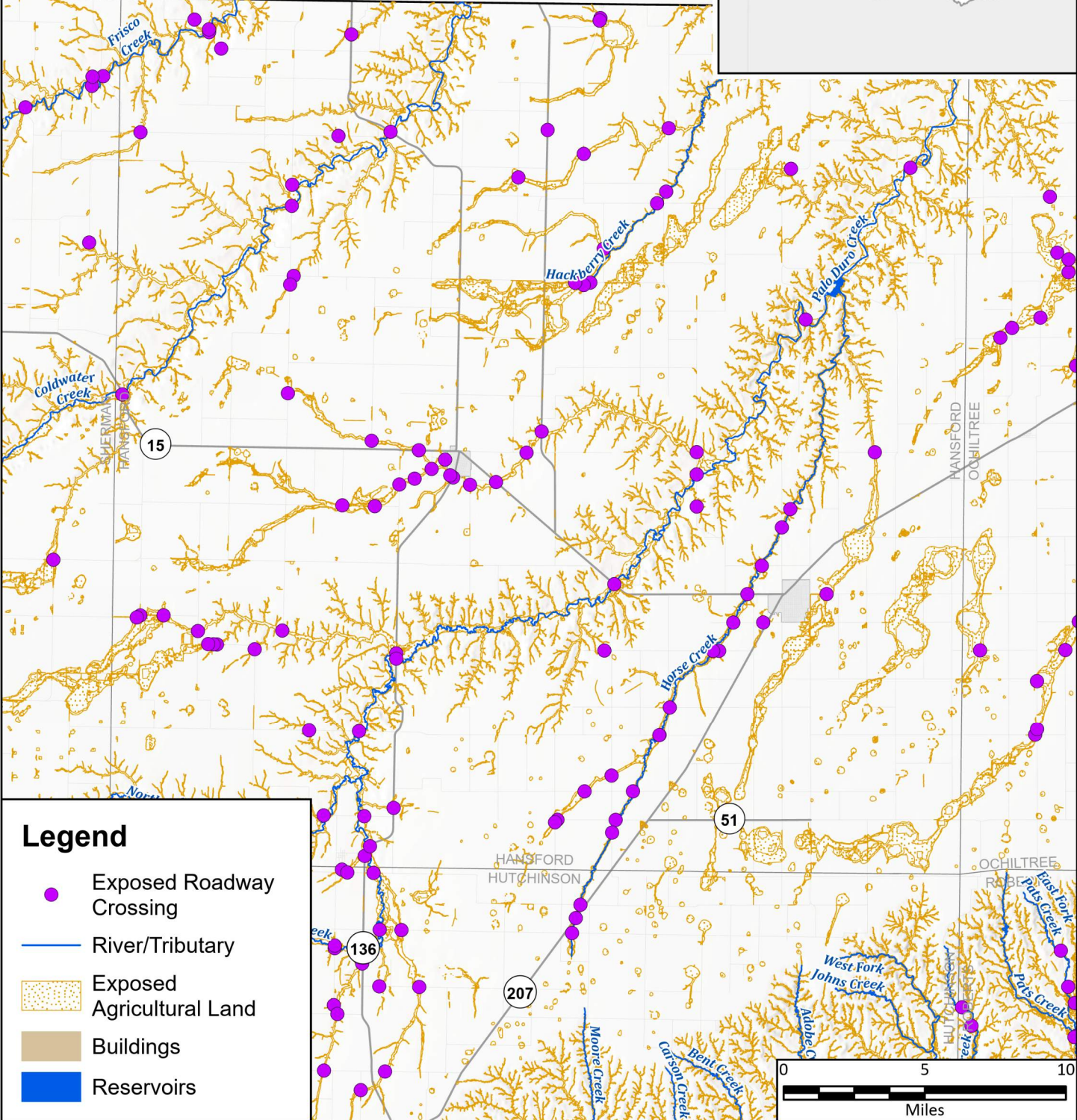
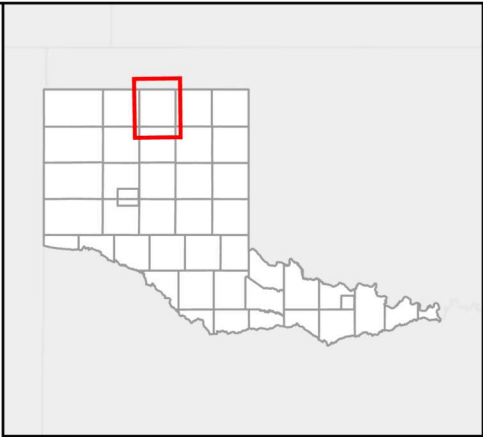
Region 1: Canadian - Upper Red

Sherman County

Existing Condition Flood Exposure



Map 6
3 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

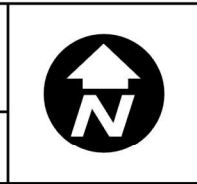


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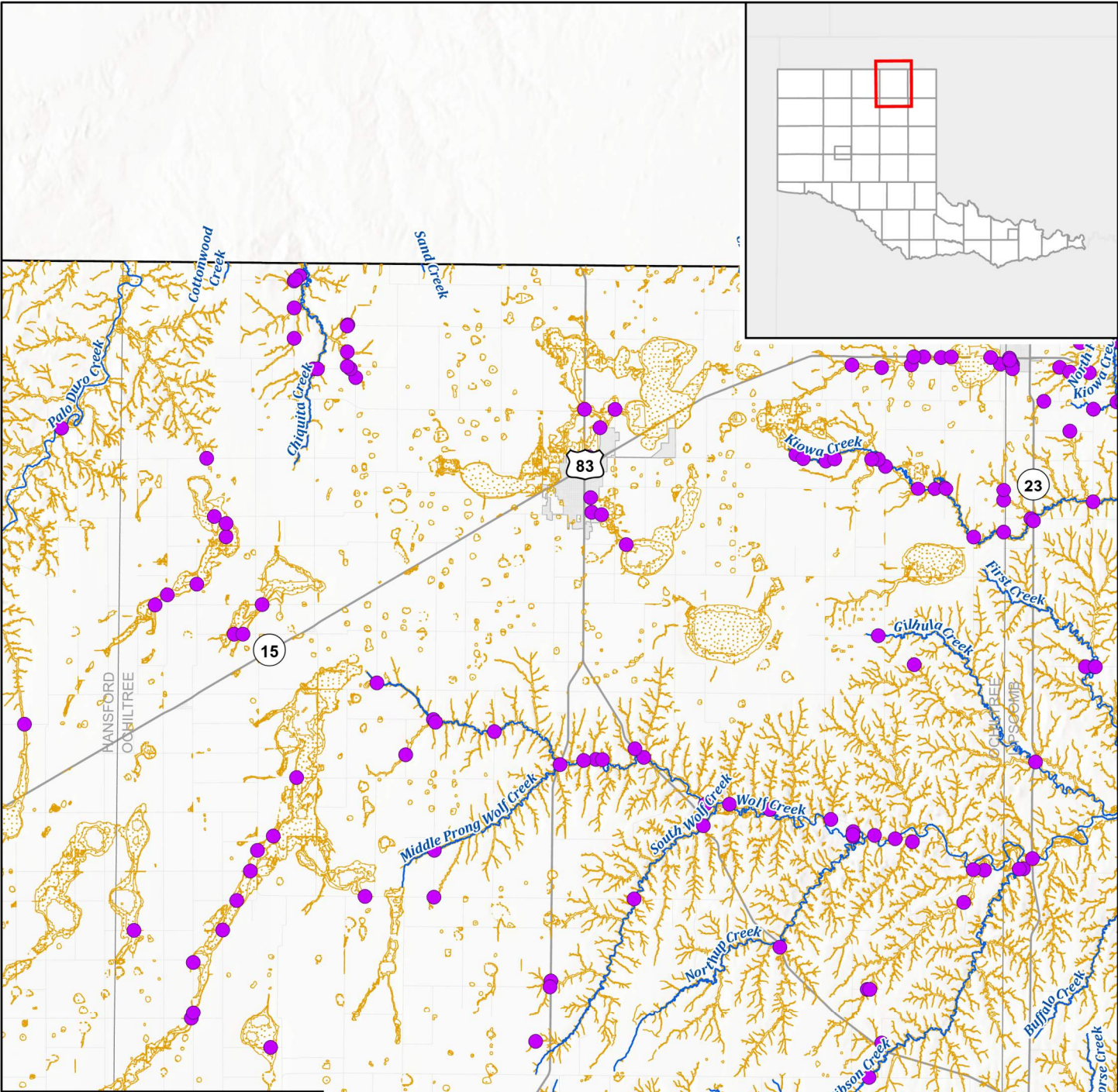
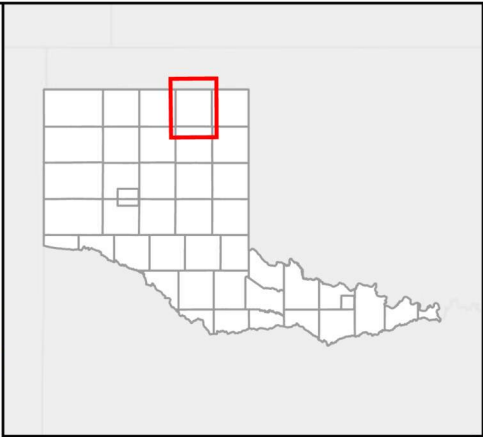
REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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Fort Worth, Texas 76102
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Region 1: Canadian - Upper Red
Hansford County
Existing Condition Flood Exposure



Map 6
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Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mapping System Lambert
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PREPARED BY	HDO

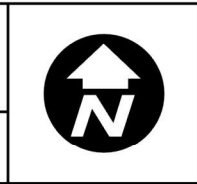
REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE & NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

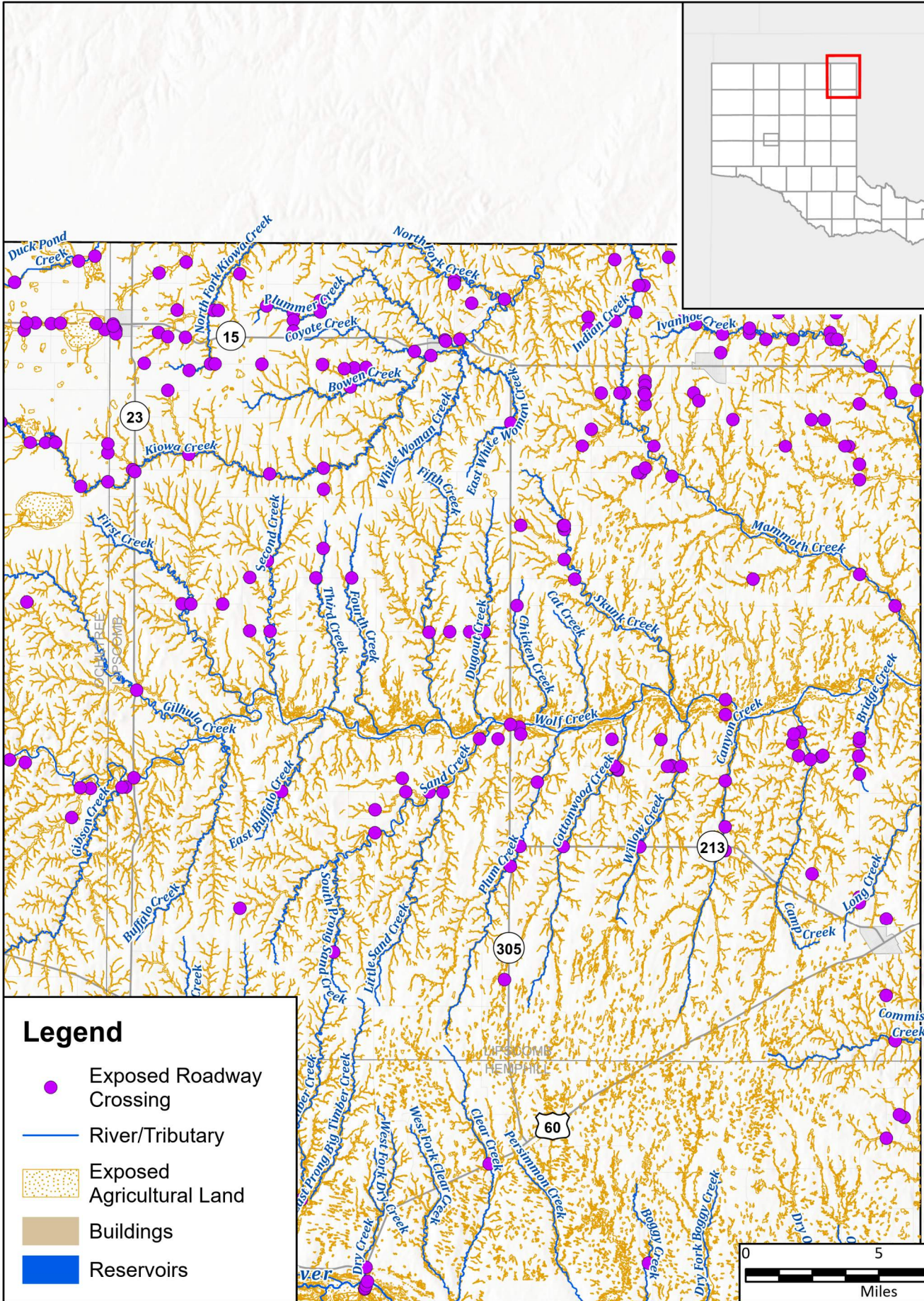
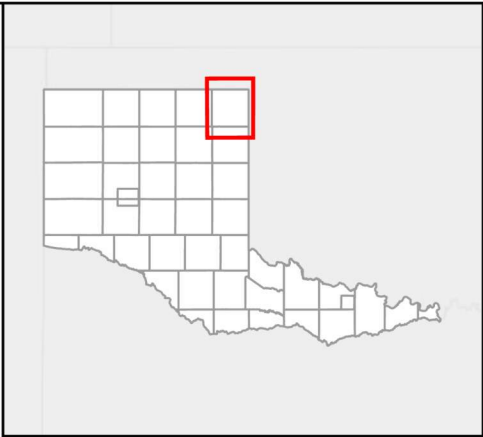
Region 1: Canadian - Upper Red

Ochiltree County

Existing Condition Flood Exposure



Map 6
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Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	
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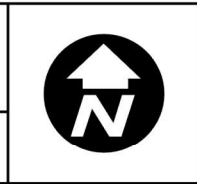
REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREES NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

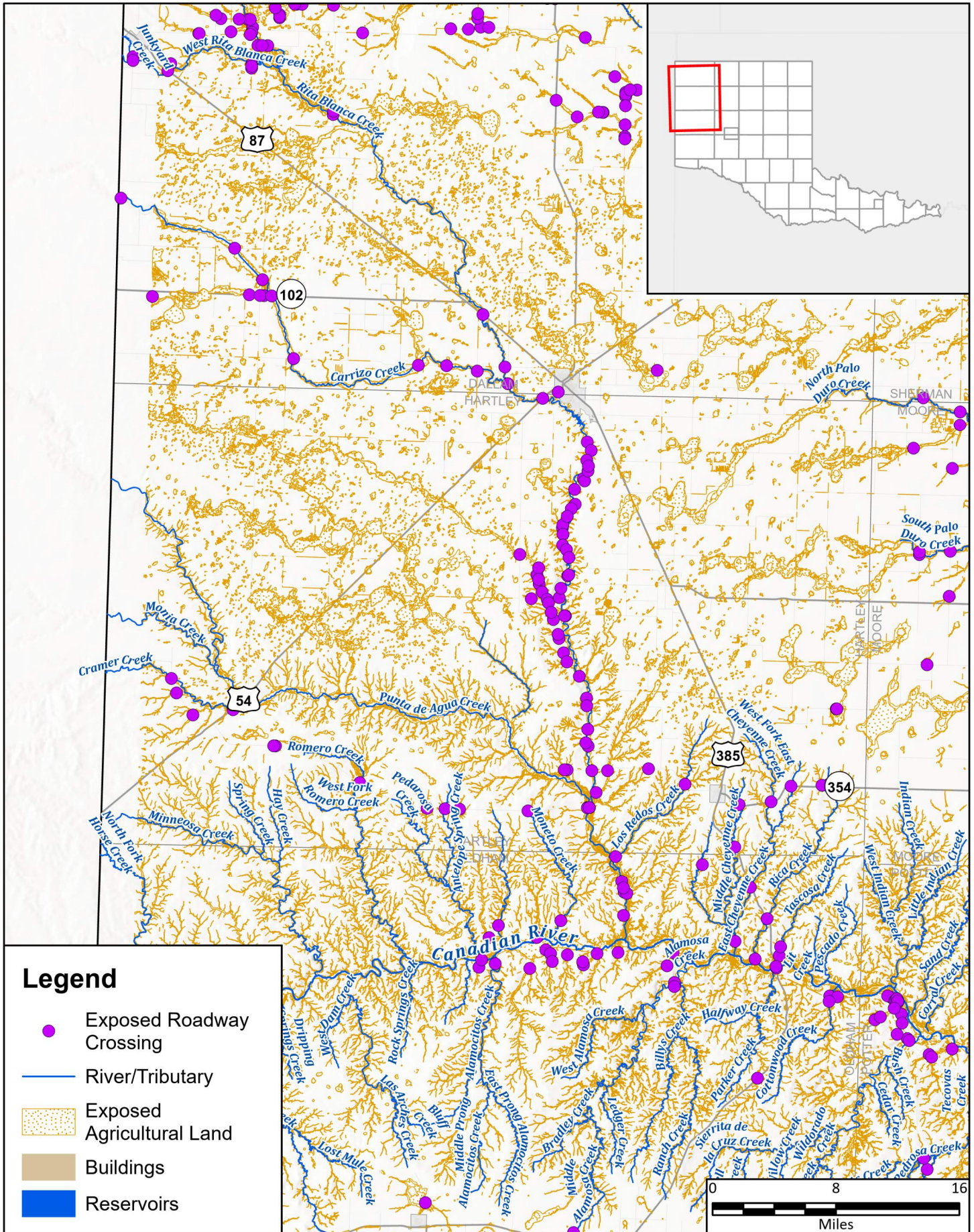
Region 1: Canadian - Upper Red

Lipscomb County

Existing Condition Flood Exposure



Map 6
6 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mapping System Lambert
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PREPARED BY	HDO

REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

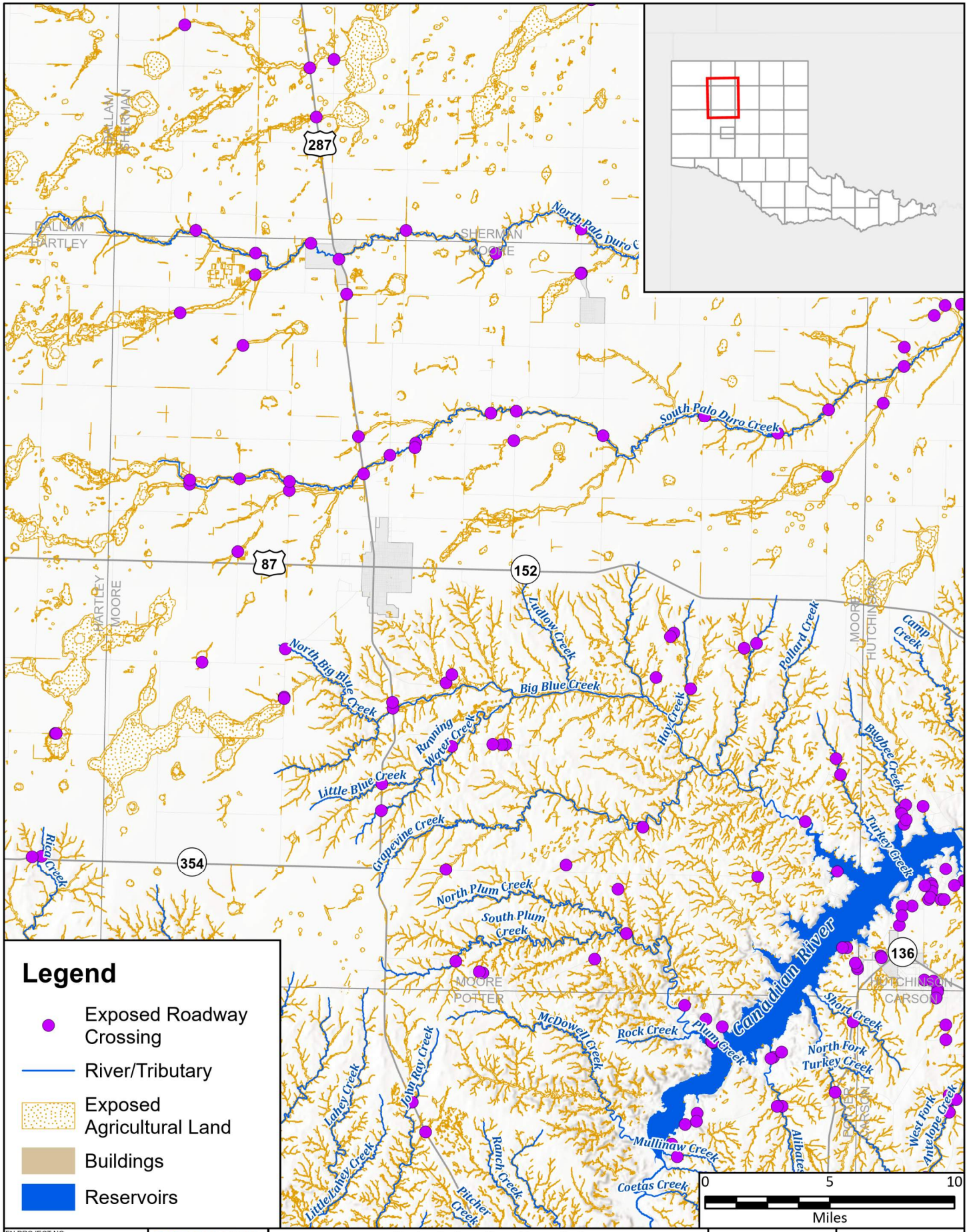
FREES & NICHOLS
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Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Hartley County

Existing Condition Flood Exposure

Map 6
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Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	NAAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	Untitled
PREPARED BY	HDO

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REGIONAL FLOOD PLANNING GROUP

FREESSE & NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
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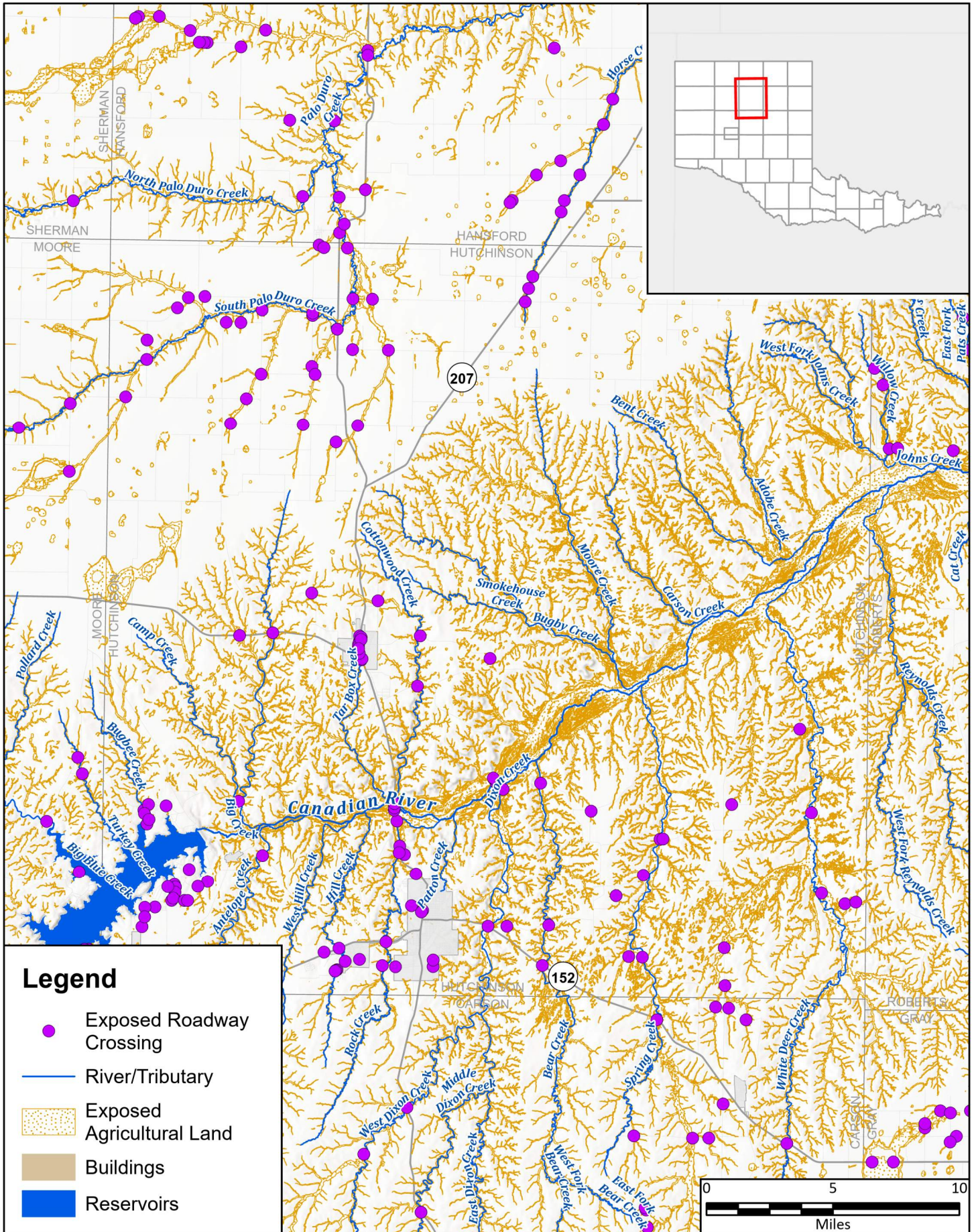
Region 1: Canadian - Upper Red

Moore County

Existing Condition Flood Exposure



Map 6
8 of 44



Legend

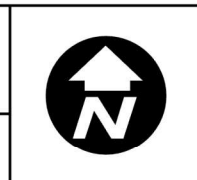
- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

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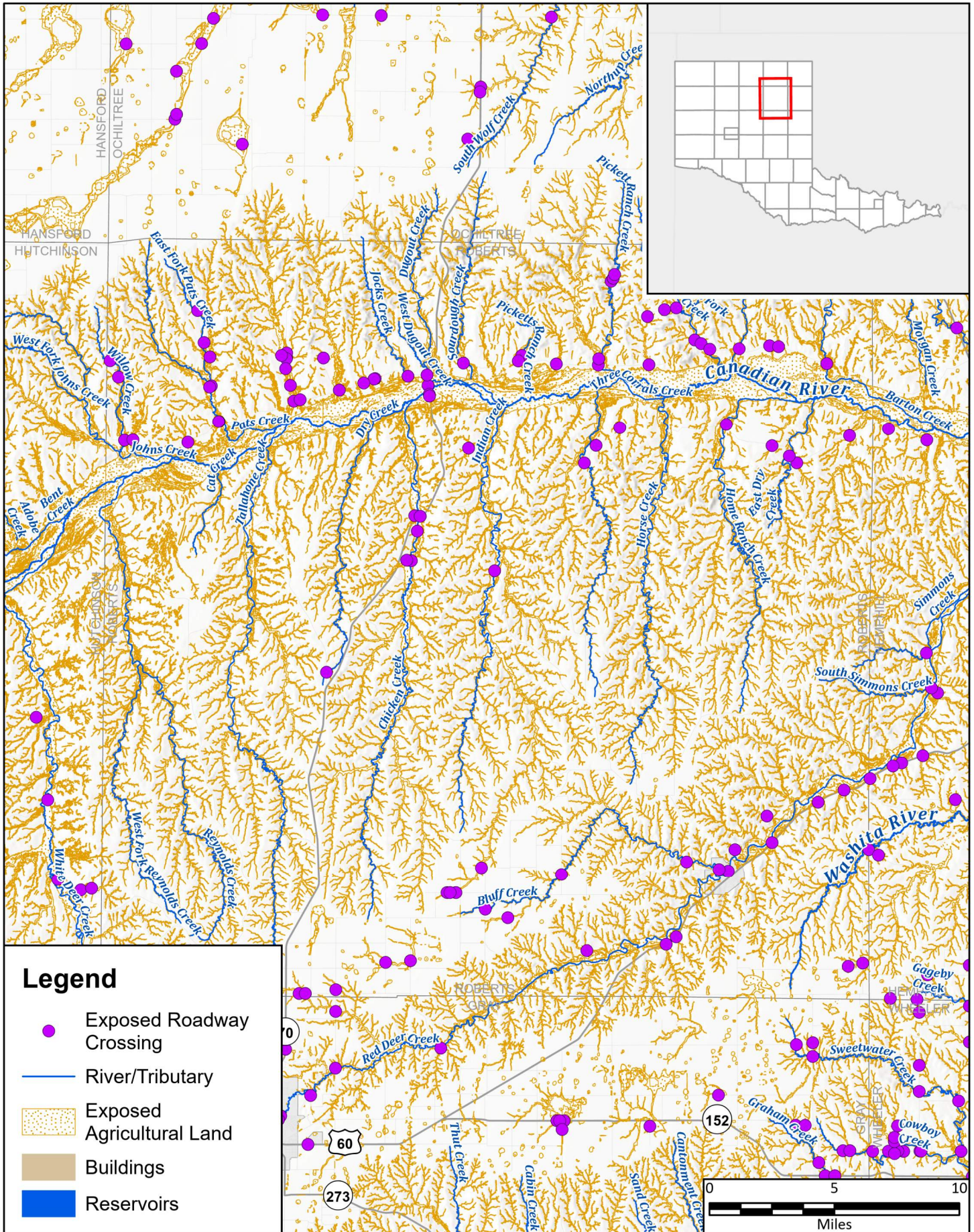
REGION 1 CANADIAN UPPER RED
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Region 1: Canadian - Upper Red
Hutchinson County
 Existing Condition Flood Exposure



Map 6
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Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
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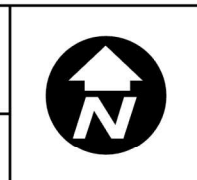
REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE & NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

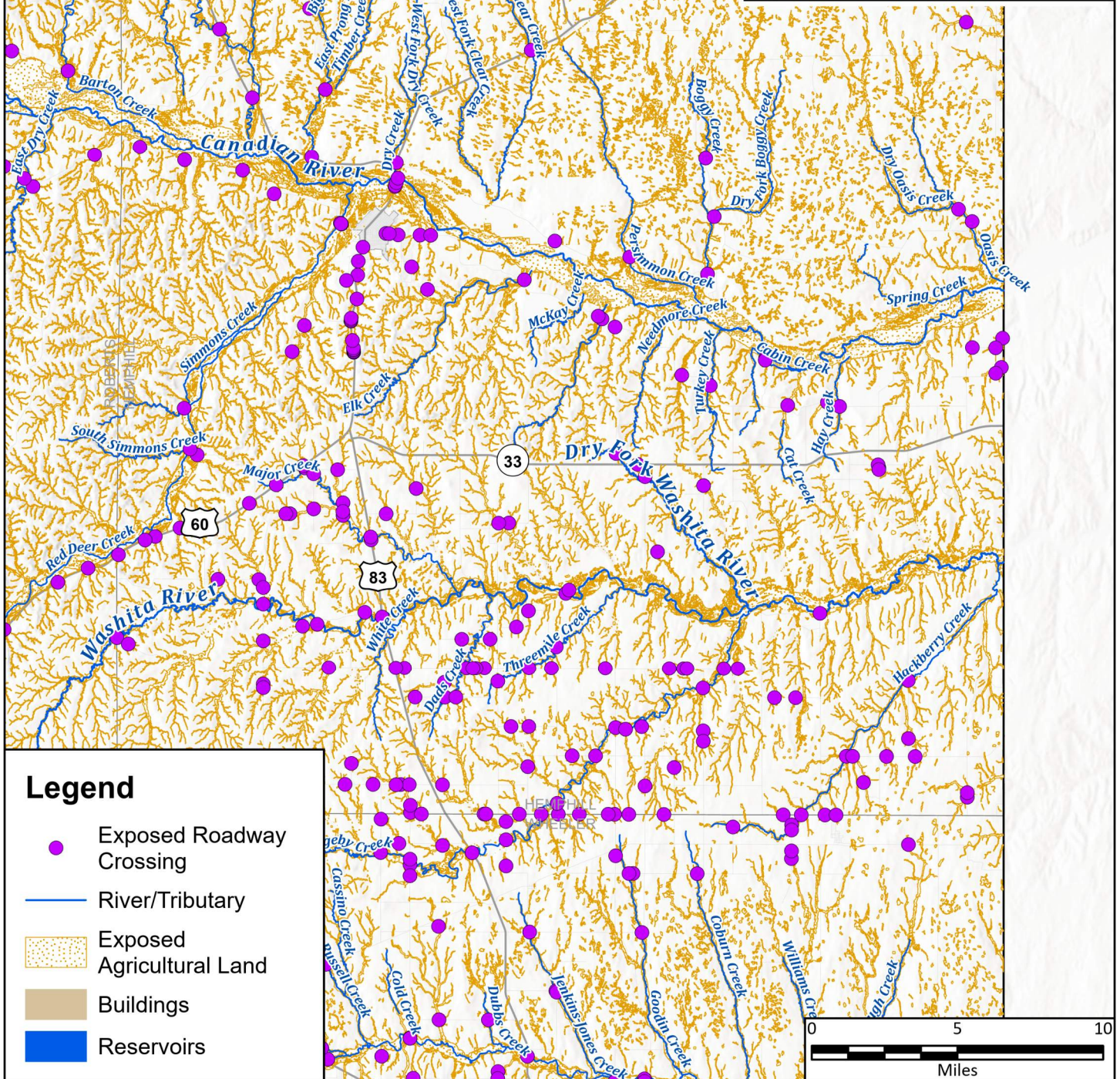
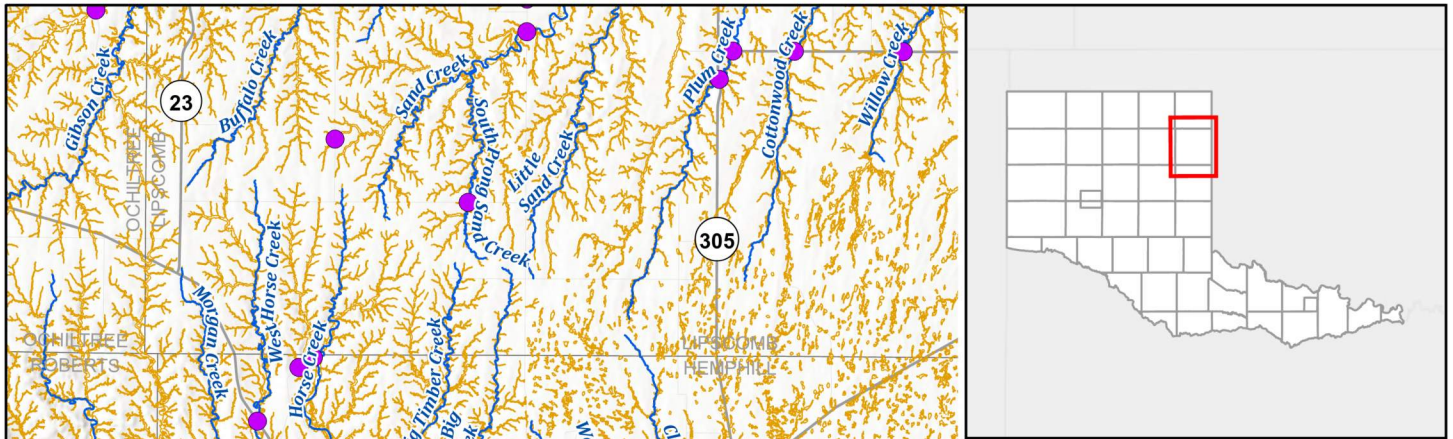
Region 1: Canadian - Upper Red

Roberts County

Existing Condition Flood Exposure



Map 6
10 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

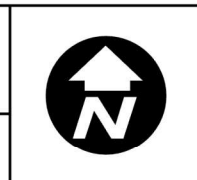


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PREPARED BY	HDO

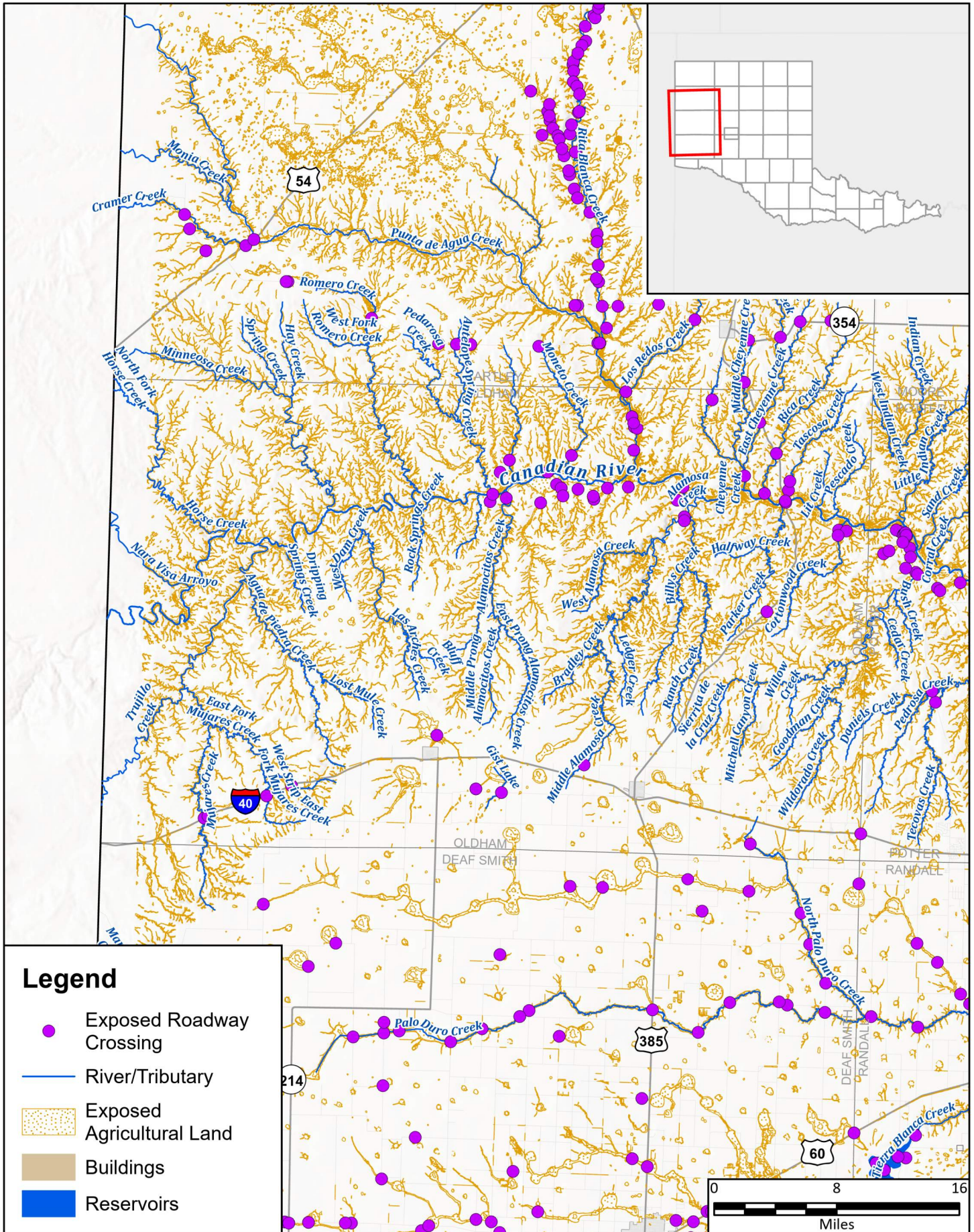
REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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Office: (817) 735-7300

Region 1: Canadian - Upper Red
Hemphill County
Existing Condition Flood Exposure



Map 6
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Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
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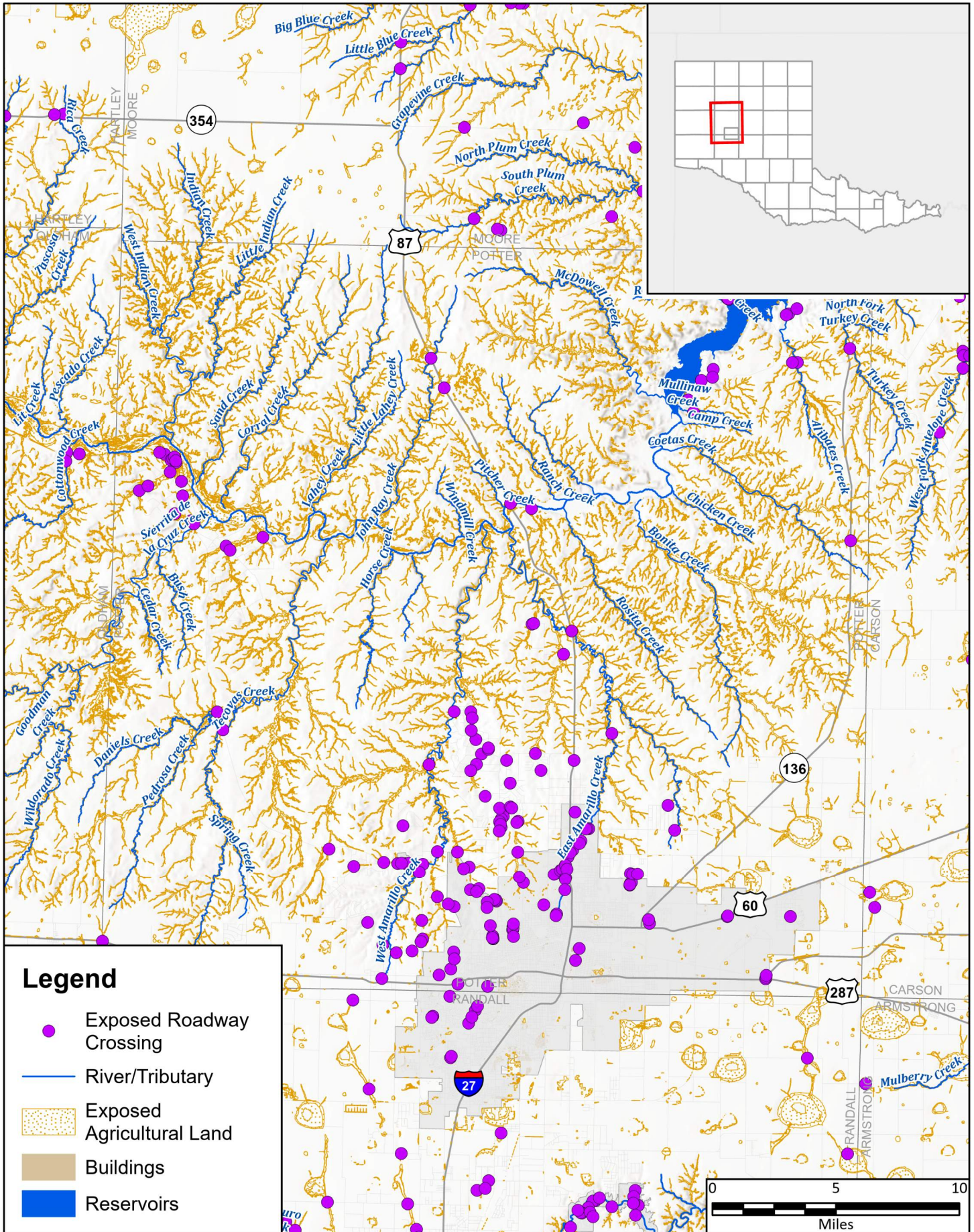
Region 1: Canadian - Upper Red

Oldham County

Existing Condition Flood Exposure

Map 6

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Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	
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REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

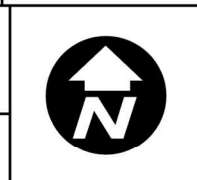
FREES & NICHOLS

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Fort Worth, Texas 76102
Office: (817) 735-7300

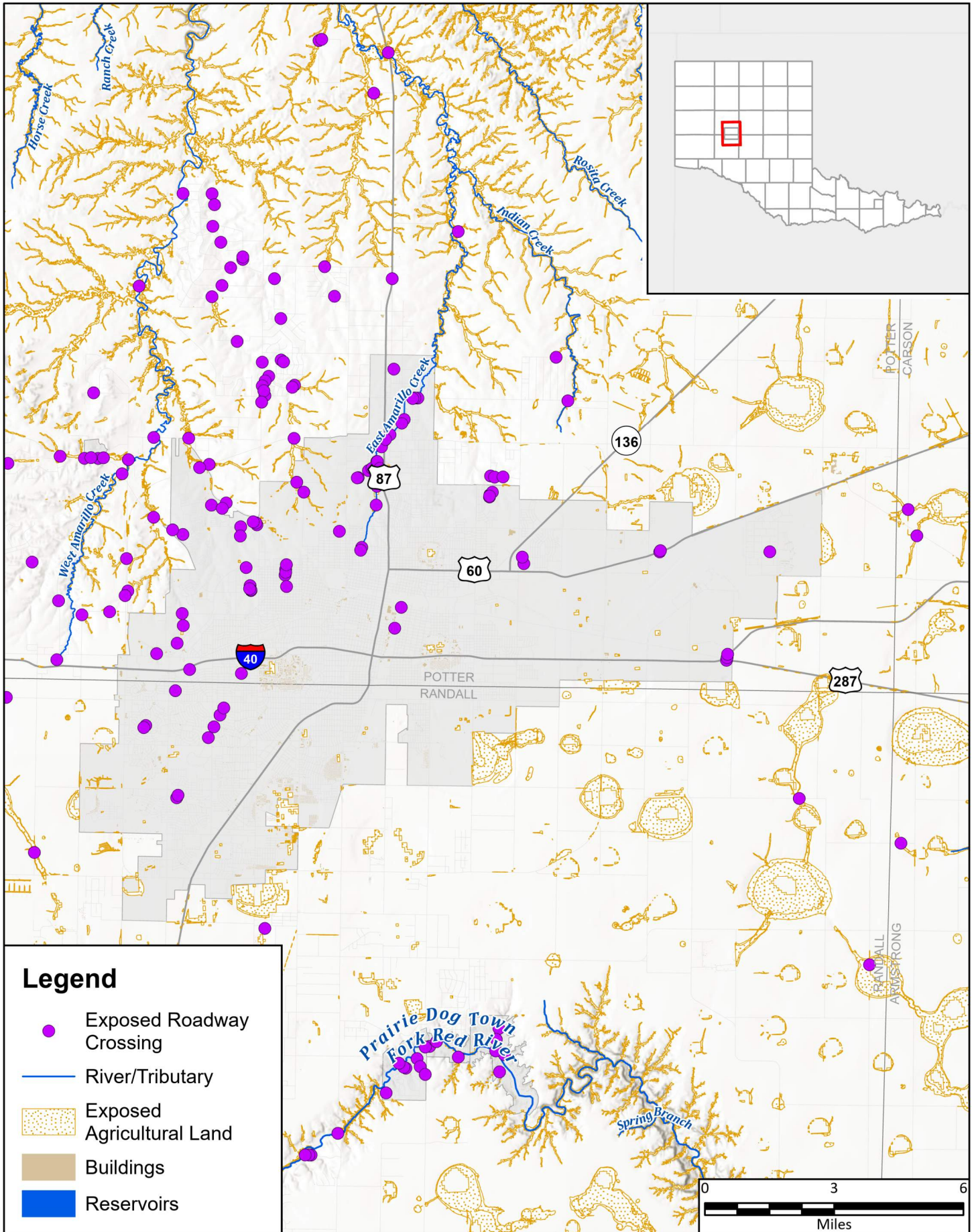
Region 1: Canadian - Upper Red

Potter County

Existing Condition Flood Exposure



Map 6
13 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	
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REGION CANADIAN
UPPER RED
REGIONAL FLOOD
PLANNING GROUP

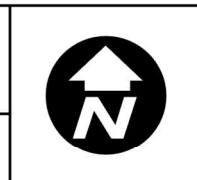
**FREESE
& NICHOLS**

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Fort Worth, Texas 76102
Office: (817) 735-7300

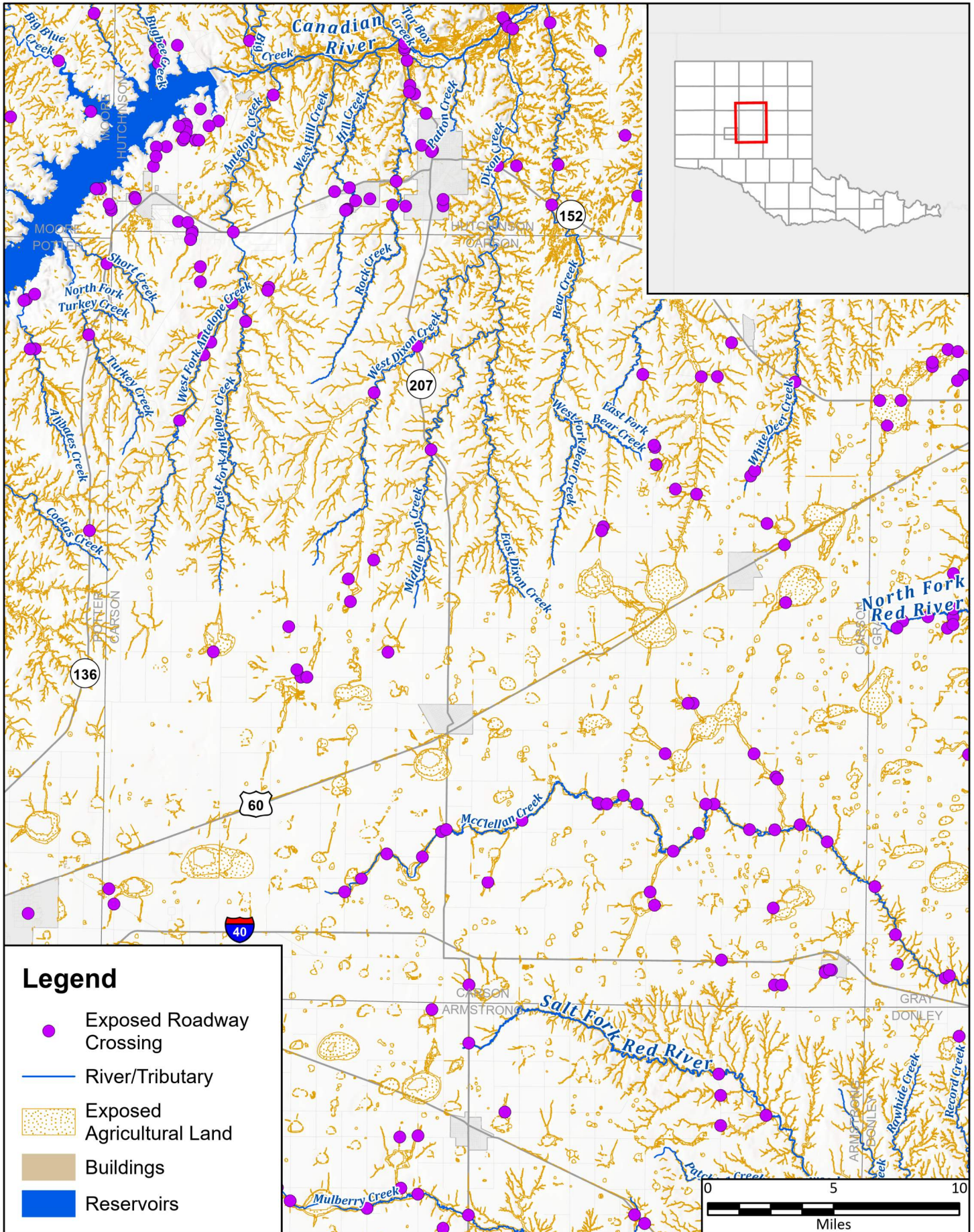
Region 1: Canadian - Upper Red

City of Amarillo

Existing Condition Flood Exposure



Map 6
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Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
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REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

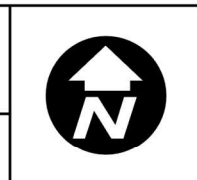
FREES & NICHOLS

801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

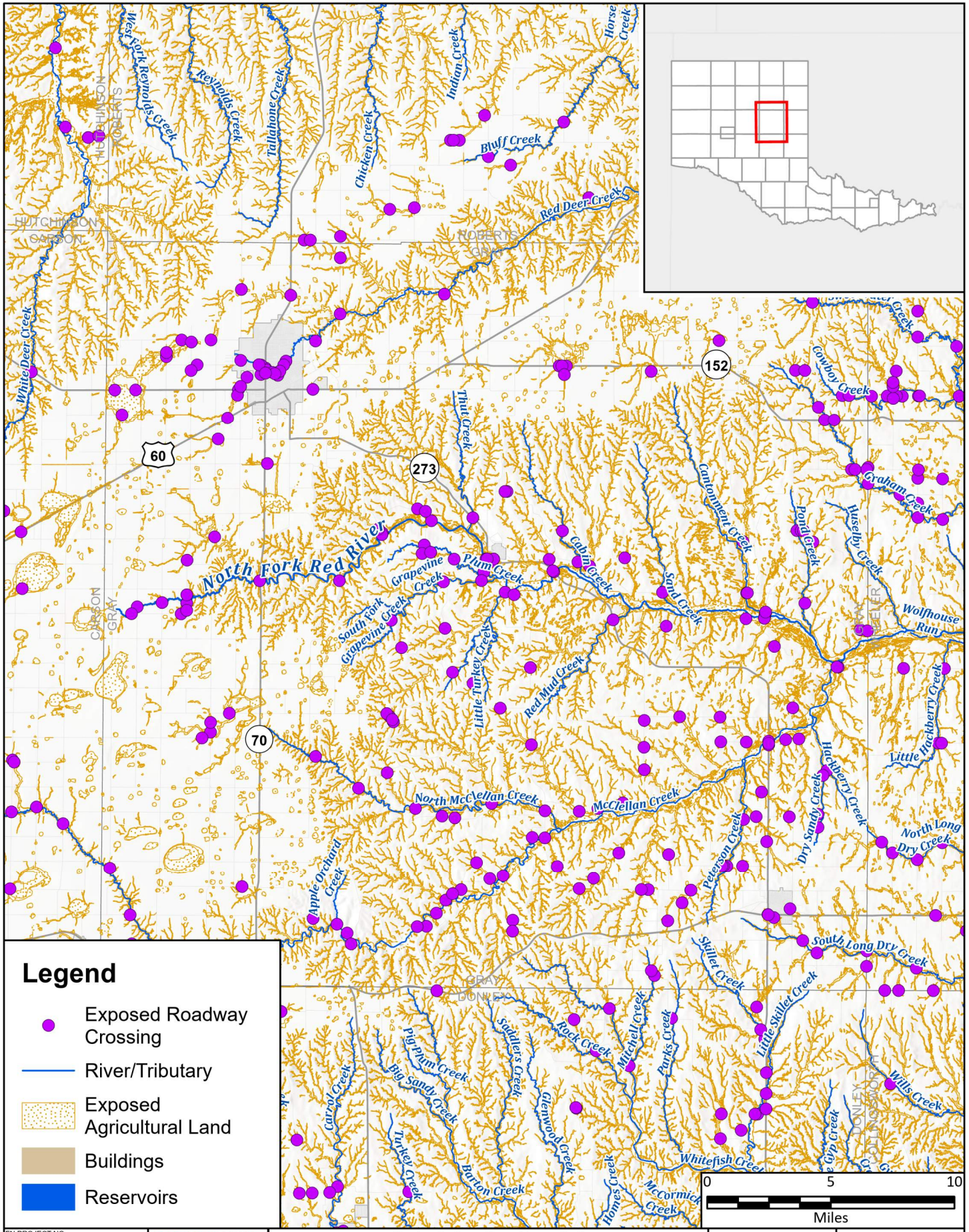
Region 1: Canadian - Upper Red

Carson County

Existing Condition Flood Exposure



Map 6
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Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	
FILE NAME	Untitled
PREPARED BY	HDO

REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREES & NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

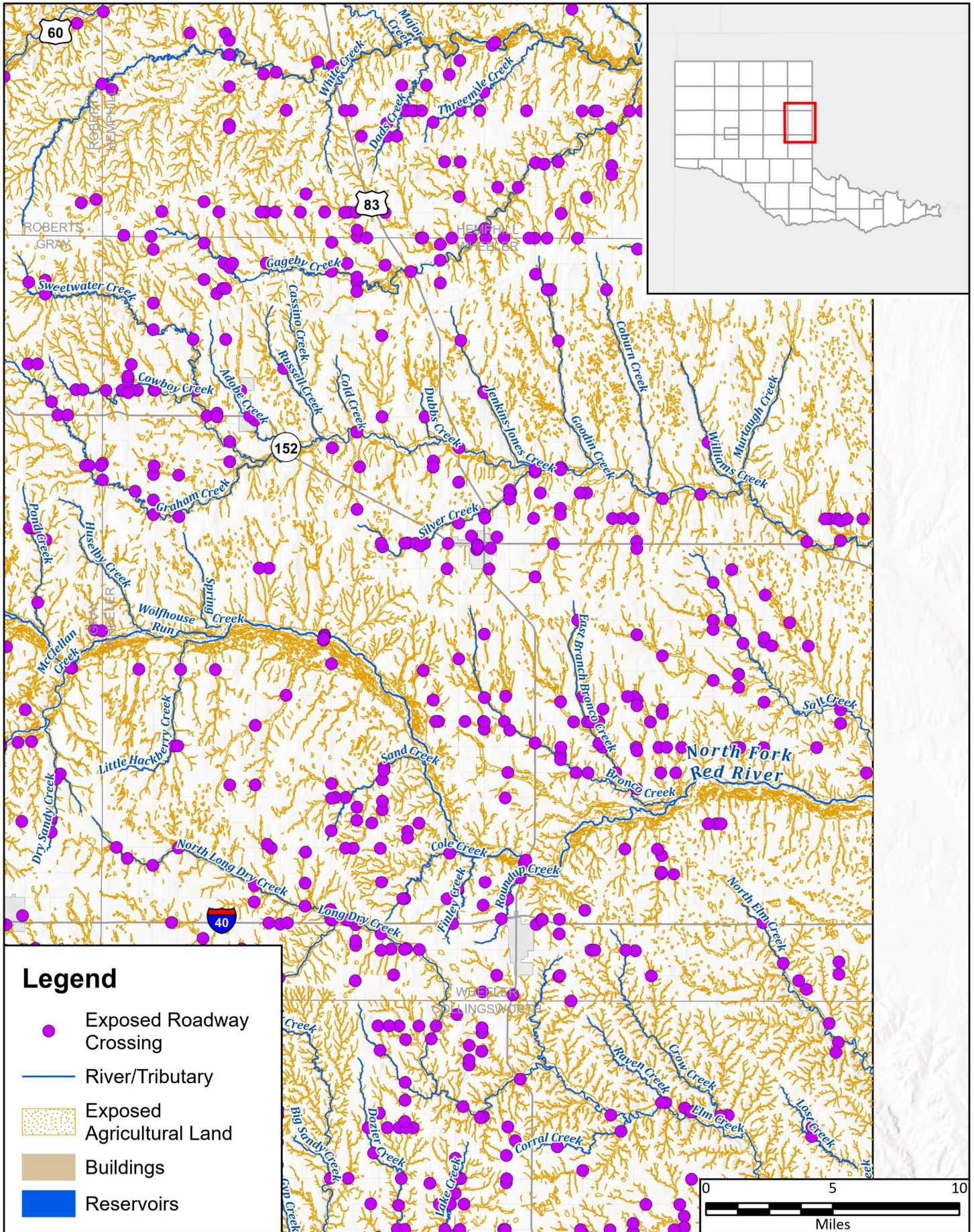
Region 1: Canadian - Upper Red

Gray County






Existing Condition Flood Exposure



Map 6
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Legend

-  Exposed Roadway Crossing
-  River/Tributary
-  Exposed Agricultural Land
-  Buildings
-  Reservoirs



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	Untitled
PREPARED BY	HDO

REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

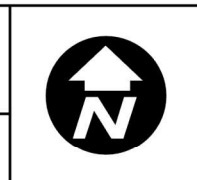
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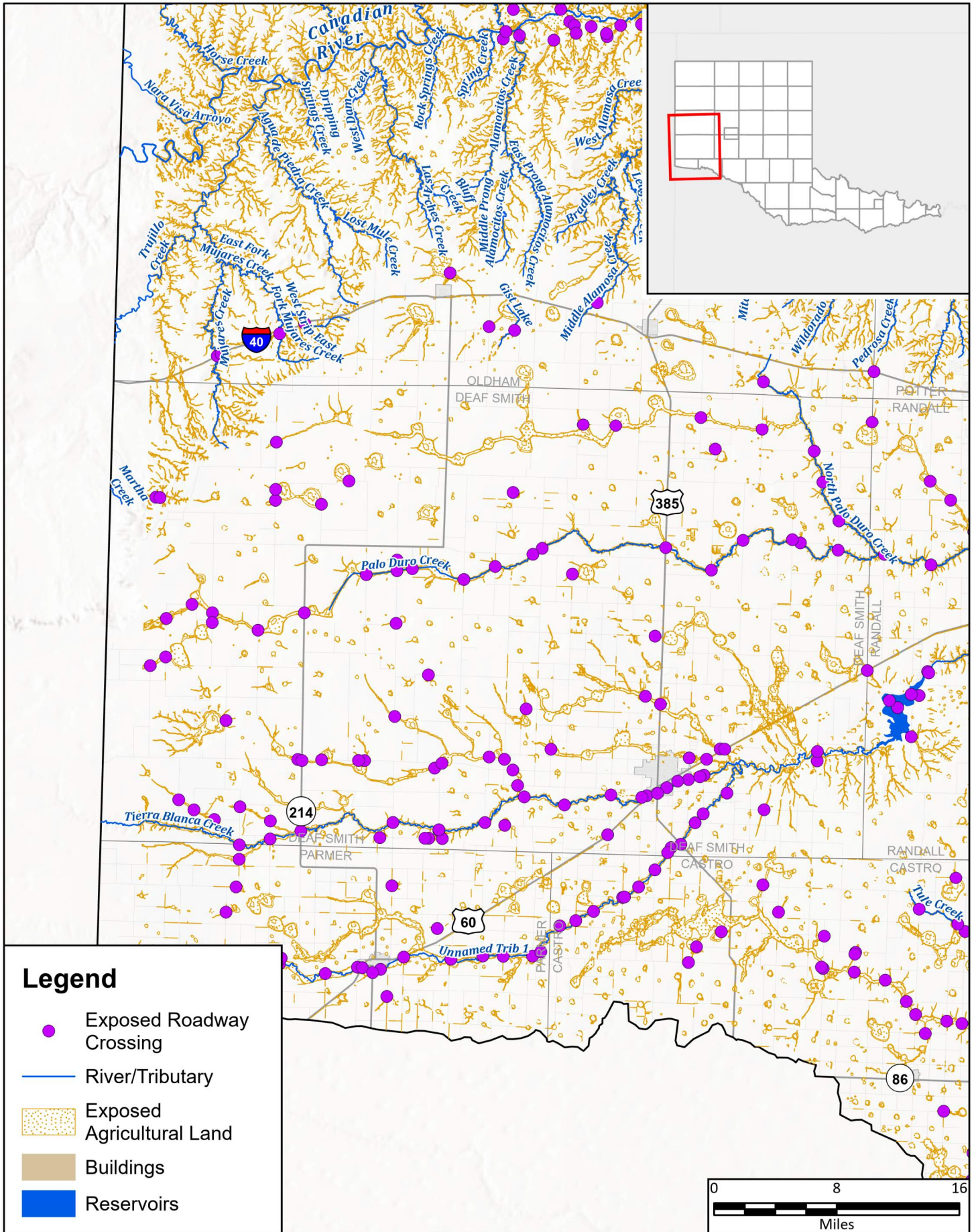
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Wheeler County

Existing Condition Flood Exposure





Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

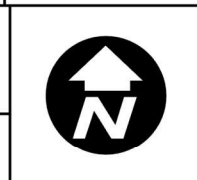


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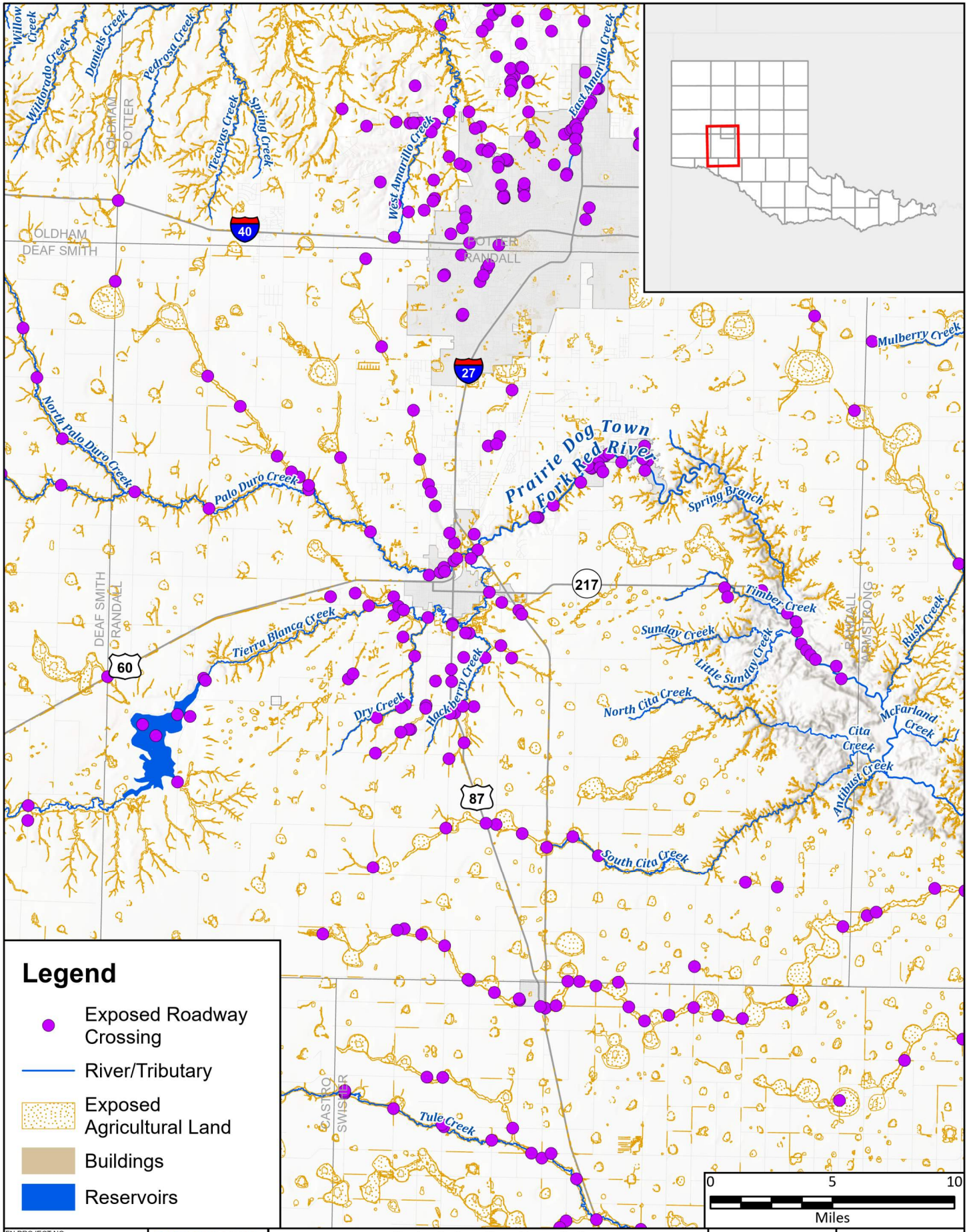
REGION 1 CANADIAN UPPER RED
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FREES NICHOLS
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Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red
Deaf Smith County
 Existing Condition Flood Exposure



Map 6
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Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	81AD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	Untitled
PREPARED BY	HDO

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REGIONAL FLOOD PLANNING GROUP

FREES NICHOLS
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Fort Worth, Texas 76102
Office: (817) 735-7300

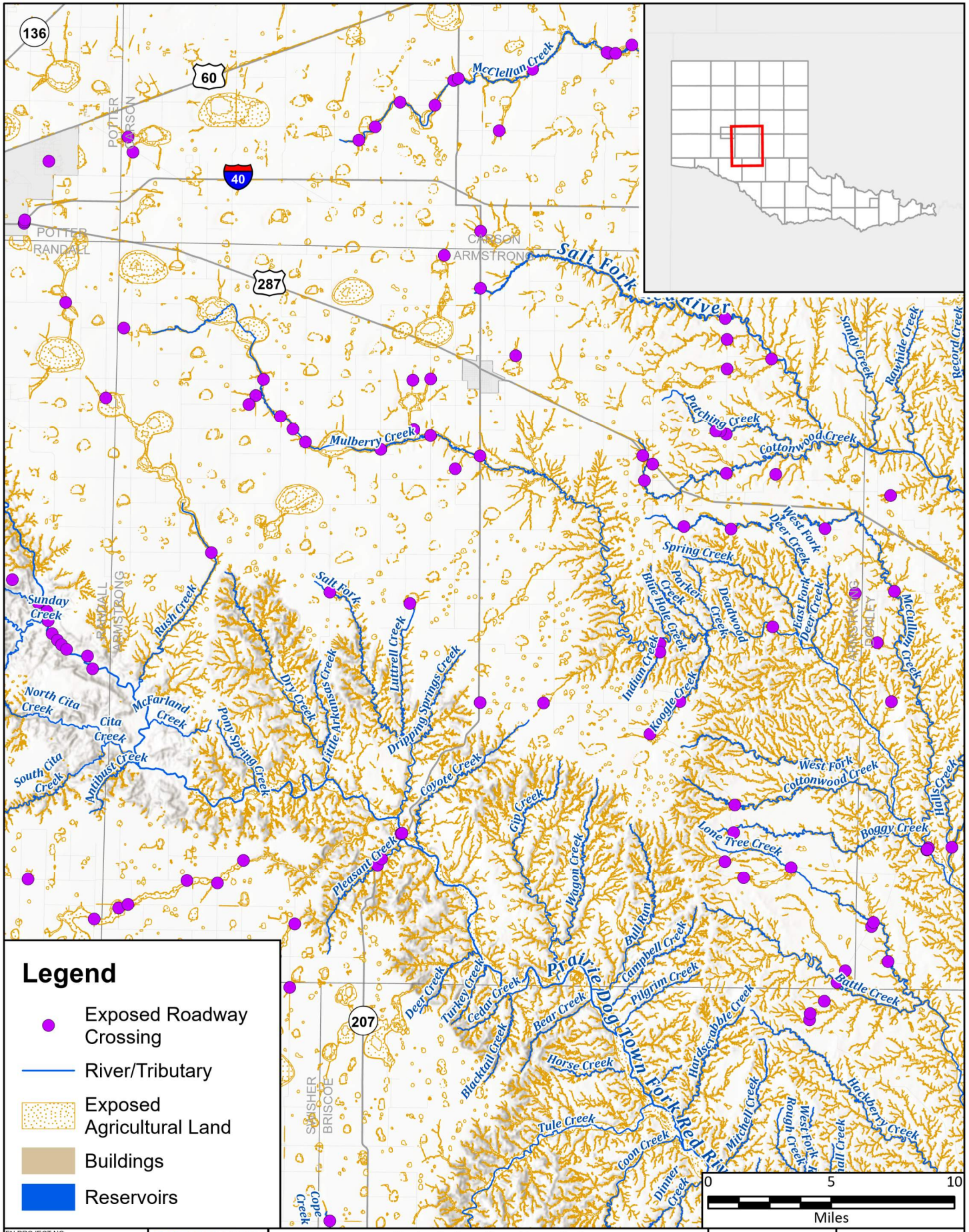
Region 1: Canadian - Upper Red

Randall County

Existing Condition Flood Exposure



Map 6
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Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mapping System Lambert
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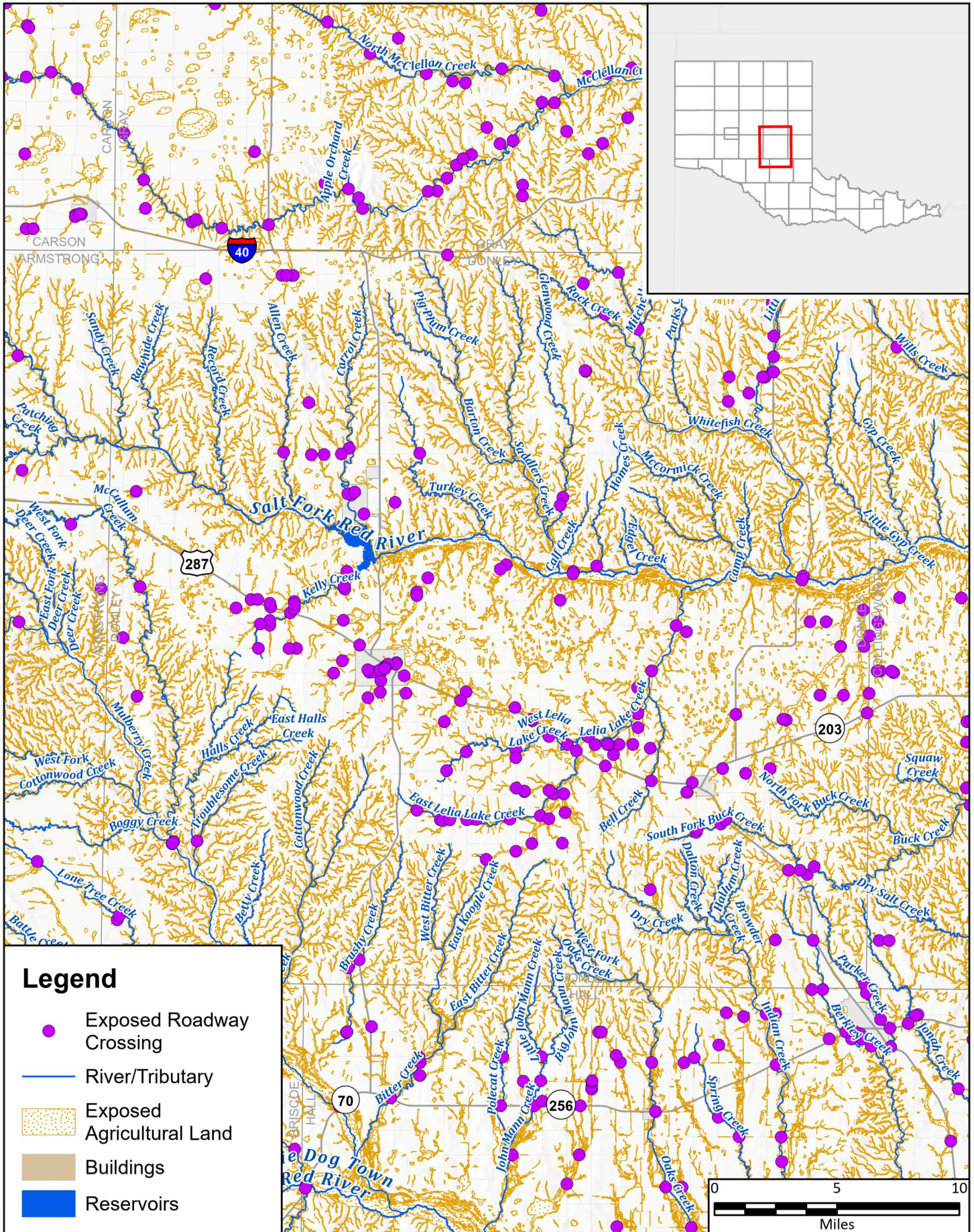
REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE & NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red
Armstrong County
 Existing Condition Flood Exposure



Map 6
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Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	
FILE NAME	Untitled
PREPARED BY	HDO

REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FRESE & NICHOLS

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Fort Worth, Texas 76102
Office: (817) 735-7300

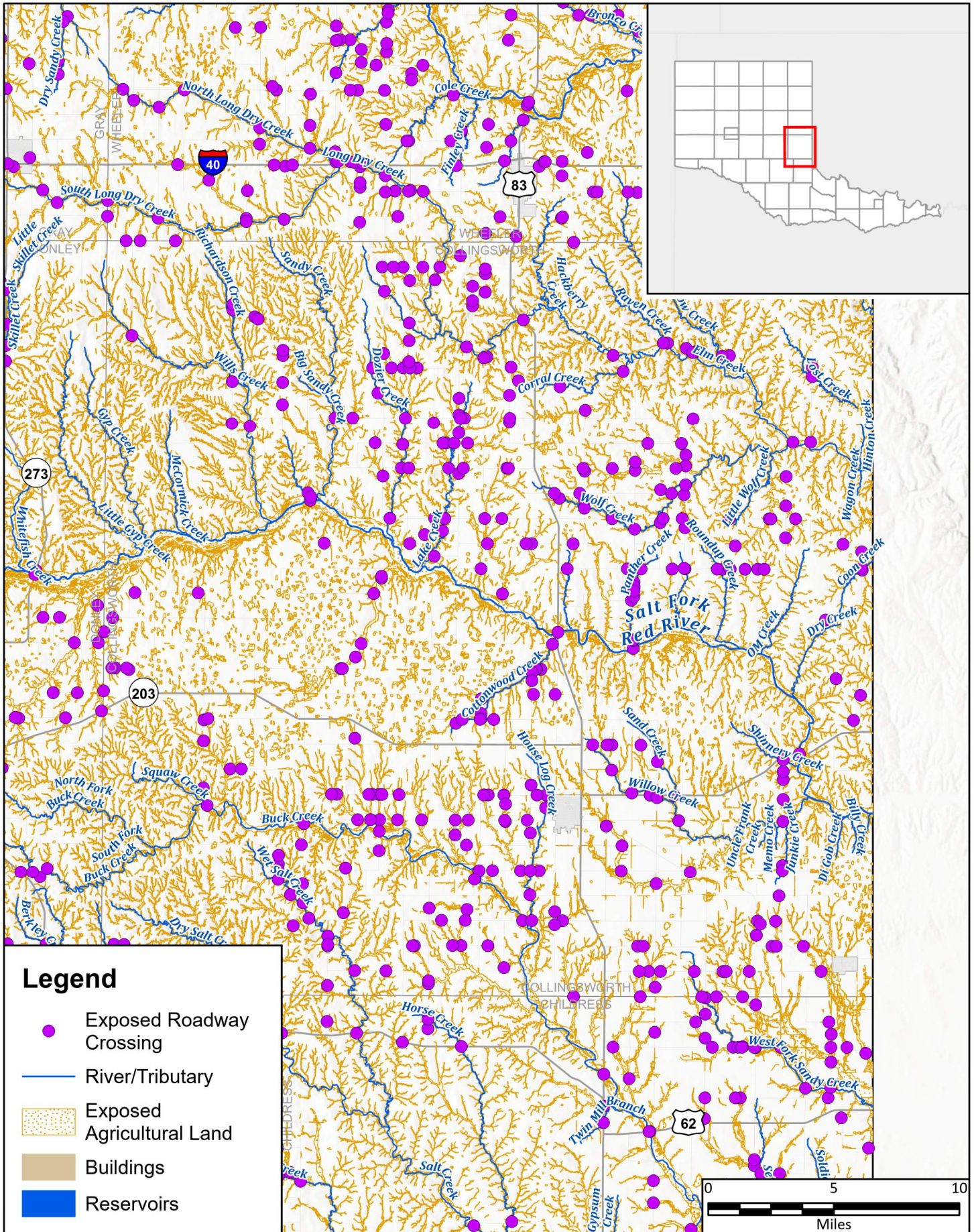
Region 1: Canadian - Upper Red

Donley County

Existing Condition Flood Exposure

Map 6

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Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	Untitled
PREPARED BY	HDO

REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

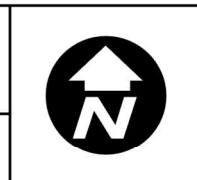
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801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

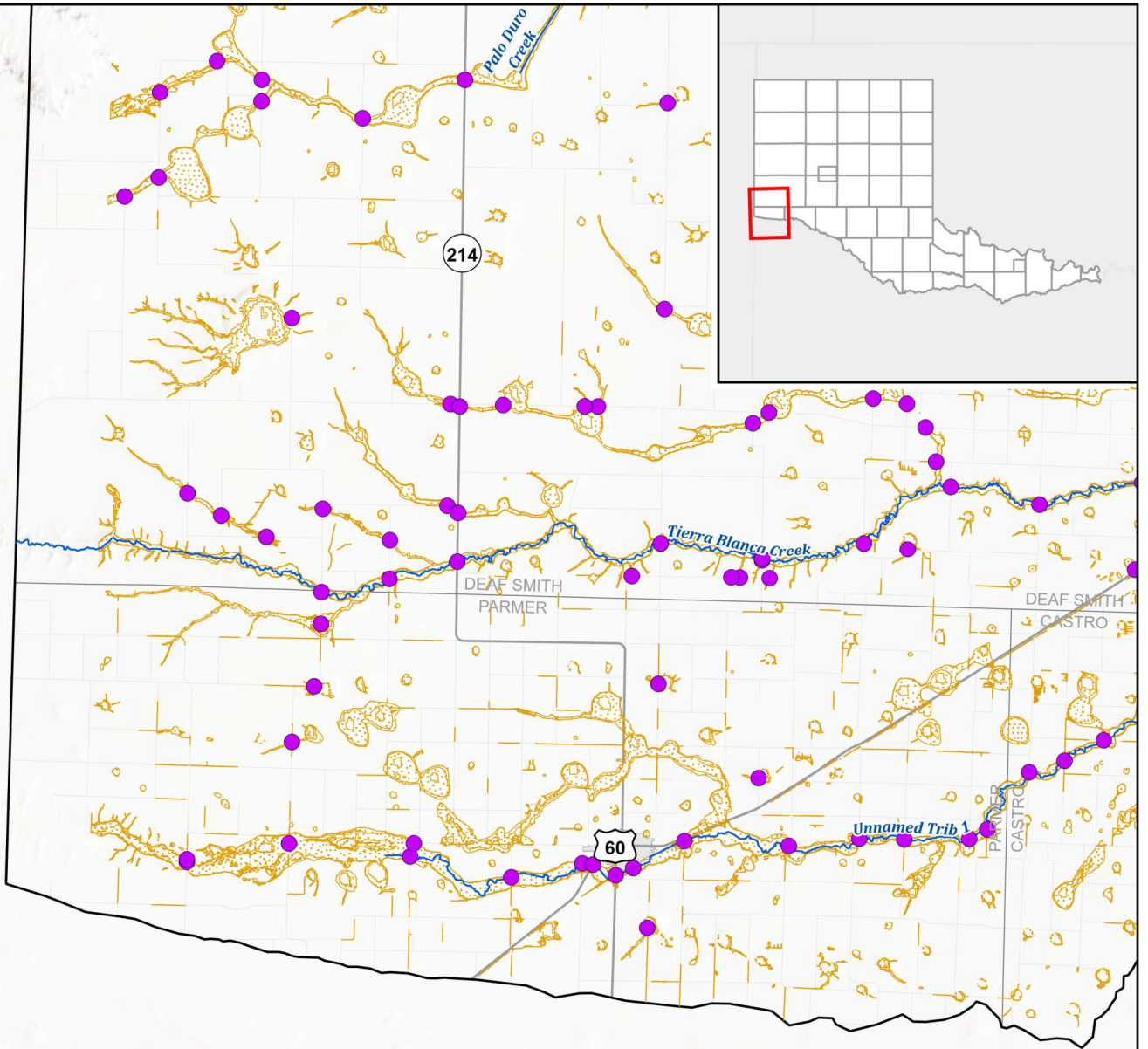
Region 1: Canadian - Upper Red

Collingsworth County






Existing Condition Flood Exposure



Map 6
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Legend

-  Exposed Roadway Crossing
-  River/Tributary
-  Exposed Agricultural Land
-  Buildings
-  Reservoirs



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
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PREPARED BY	HDO

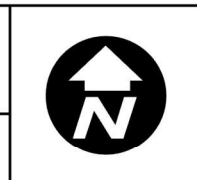
REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FRESE & NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

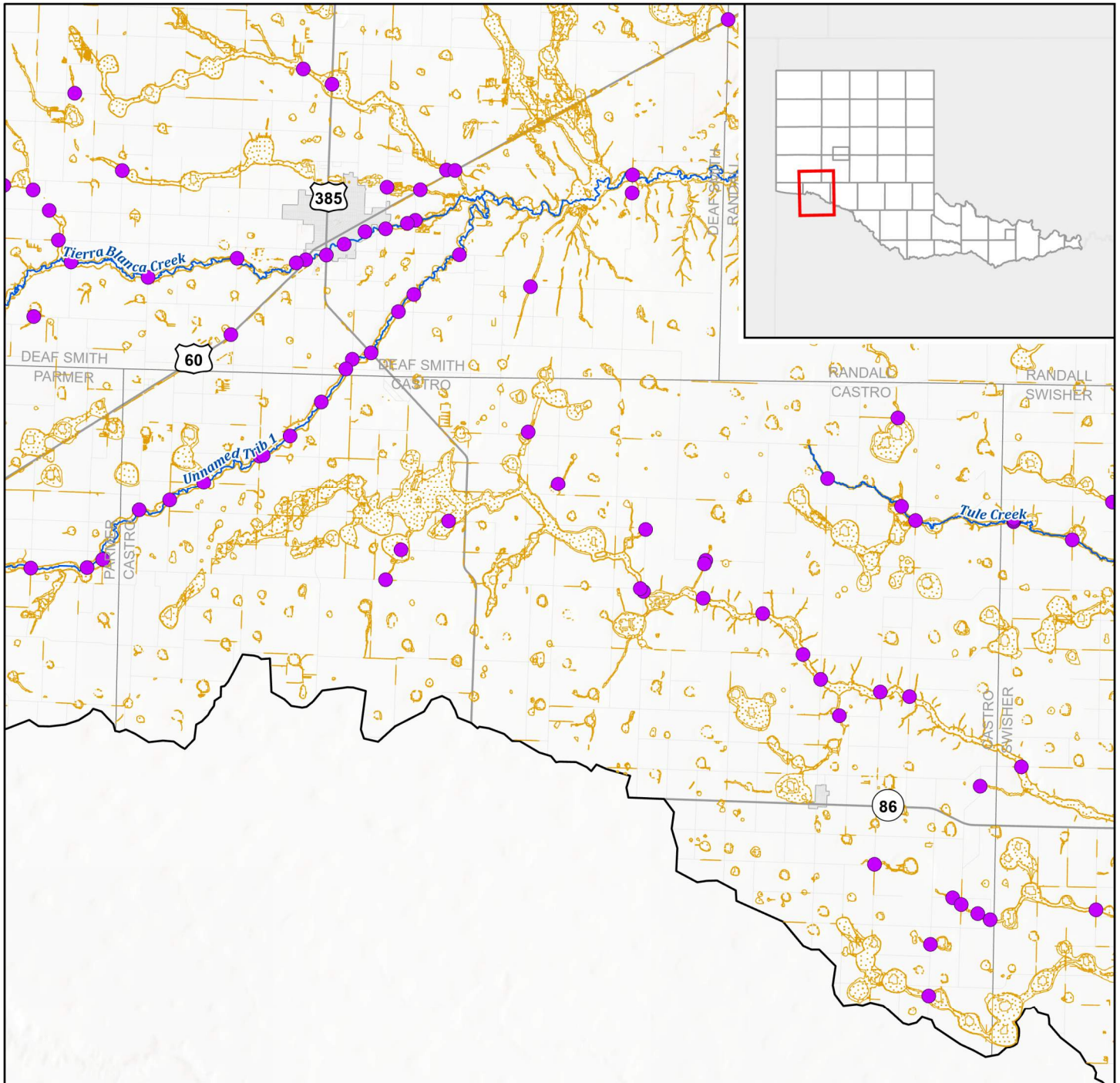
Region 1: Canadian - Upper Red

Parmer County

Existing Condition Flood Exposure



Map 6
23 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	8010 UTM Zone 18N
FILE NAME	Untitled
PREPARED BY	HDO

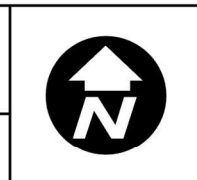
REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE & NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

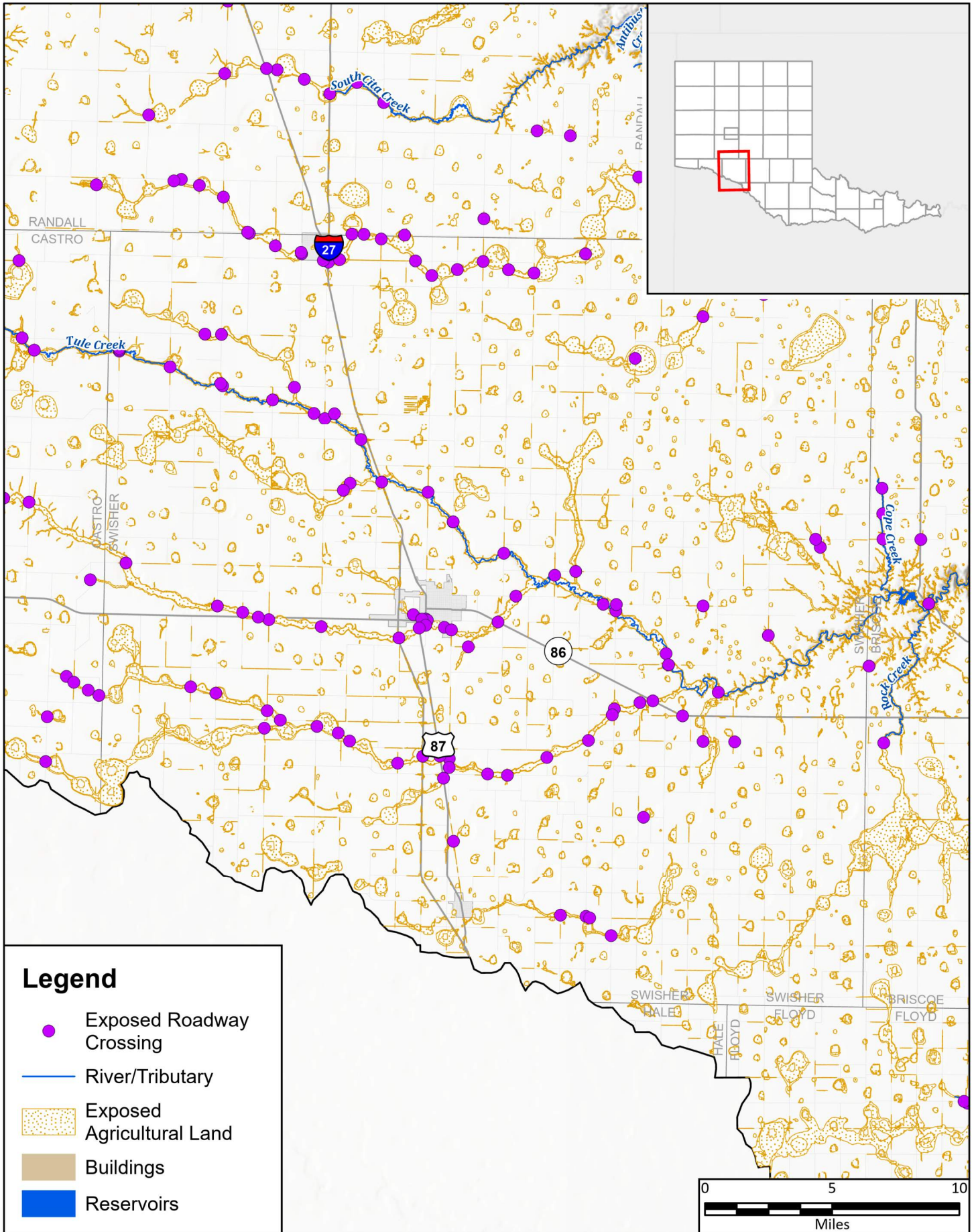
Region 1: Canadian - Upper Red

Castro County

Existing Condition Flood Exposure



Map 6
24 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	NAAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	Untitled
PREPARED BY	HDO

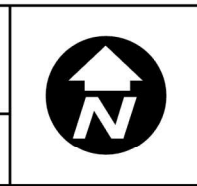
REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE & NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

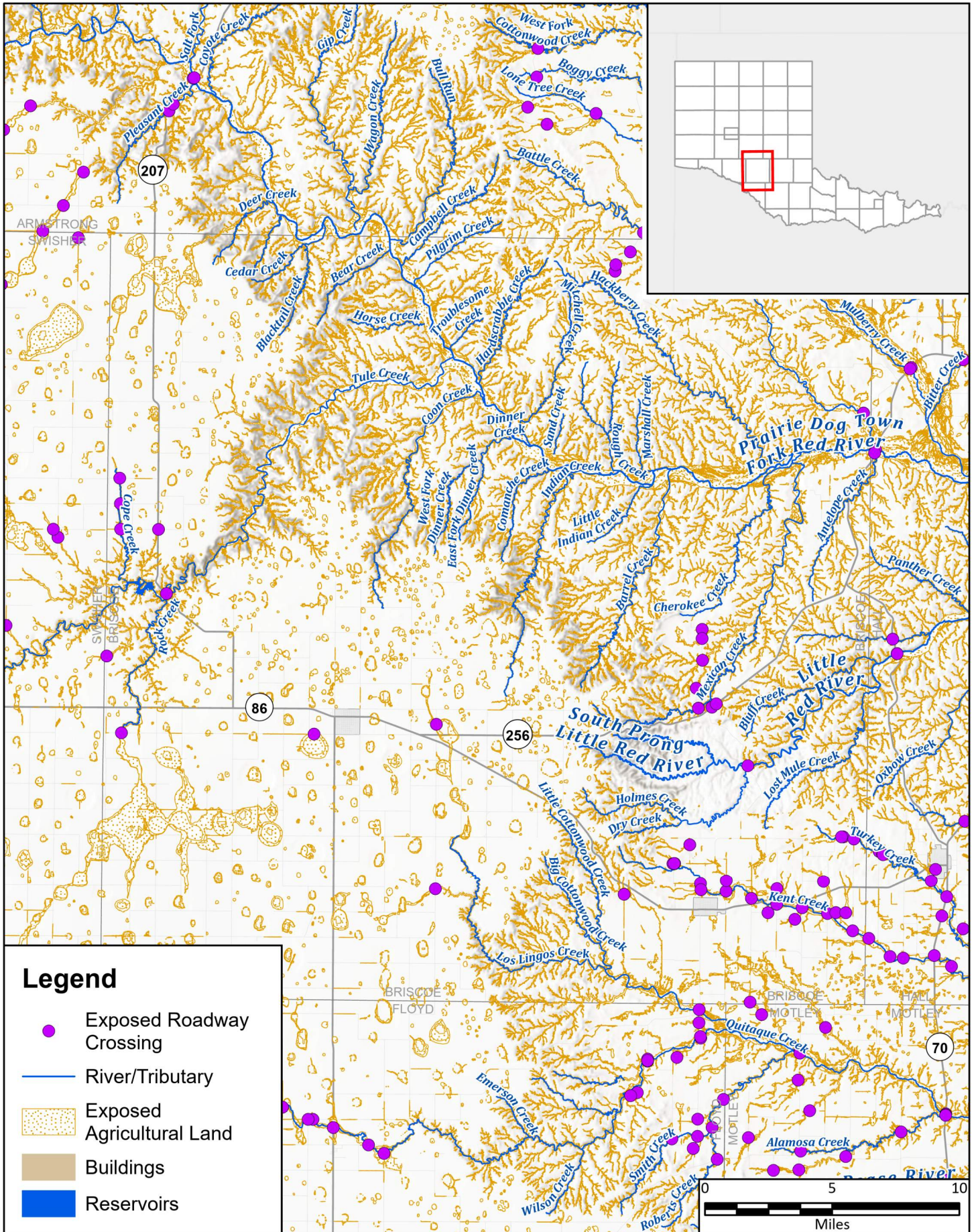
Region 1: Canadian - Upper Red

Swisher County

Existing Condition Flood Exposure



Map 6
25 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	
FILE NAME	Untitled
PREPARED BY	HDO

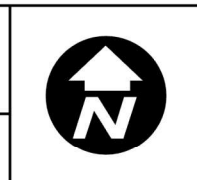
REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE & NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

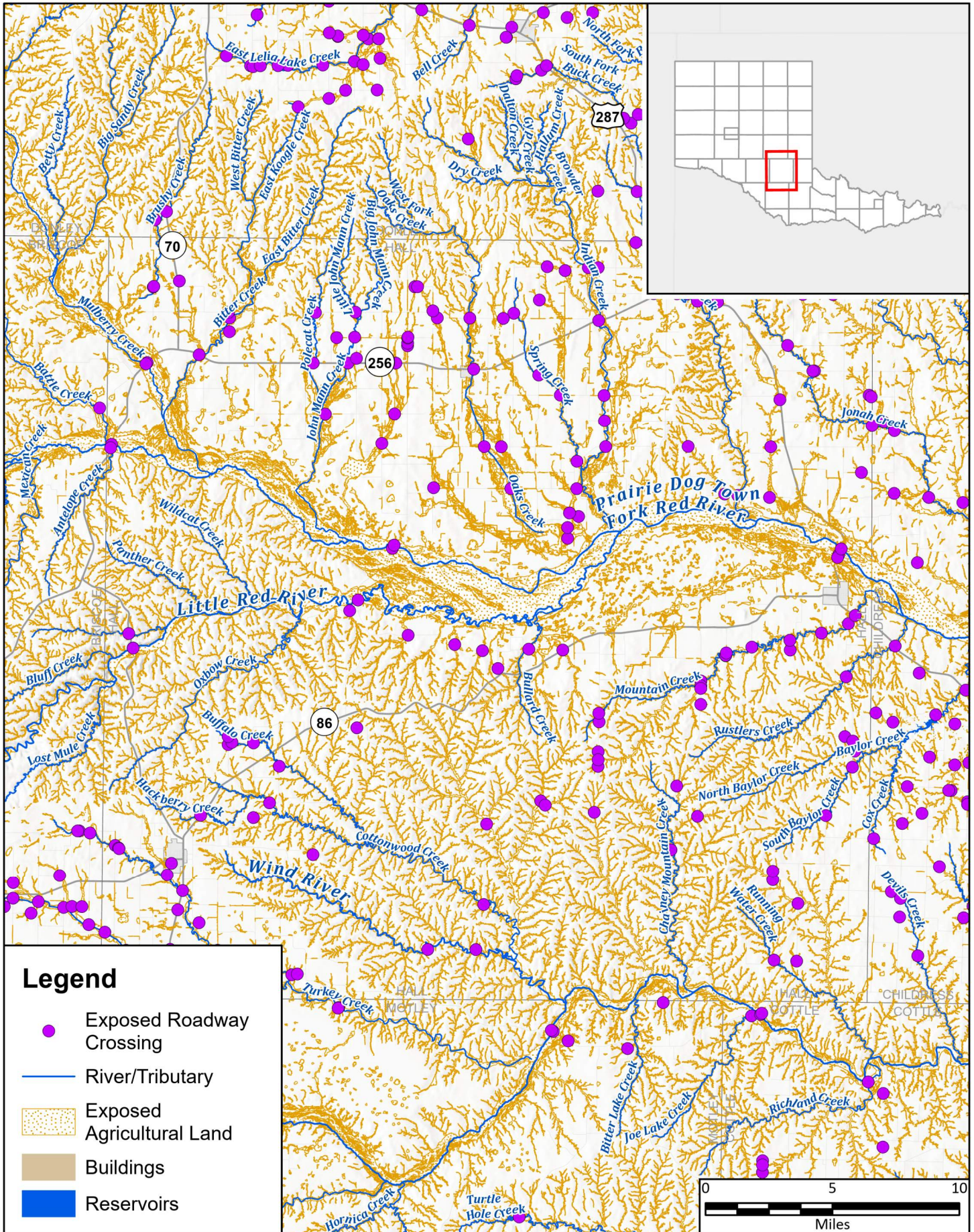
Region 1: Canadian - Upper Red

Briscoe County

Existing Condition Flood Exposure



Map 6
26 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	
FILE NAME	Untitled
PREPARED BY	HDO

REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

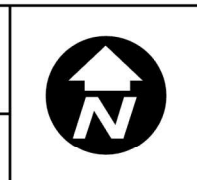
FREES & NICHOLS

801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

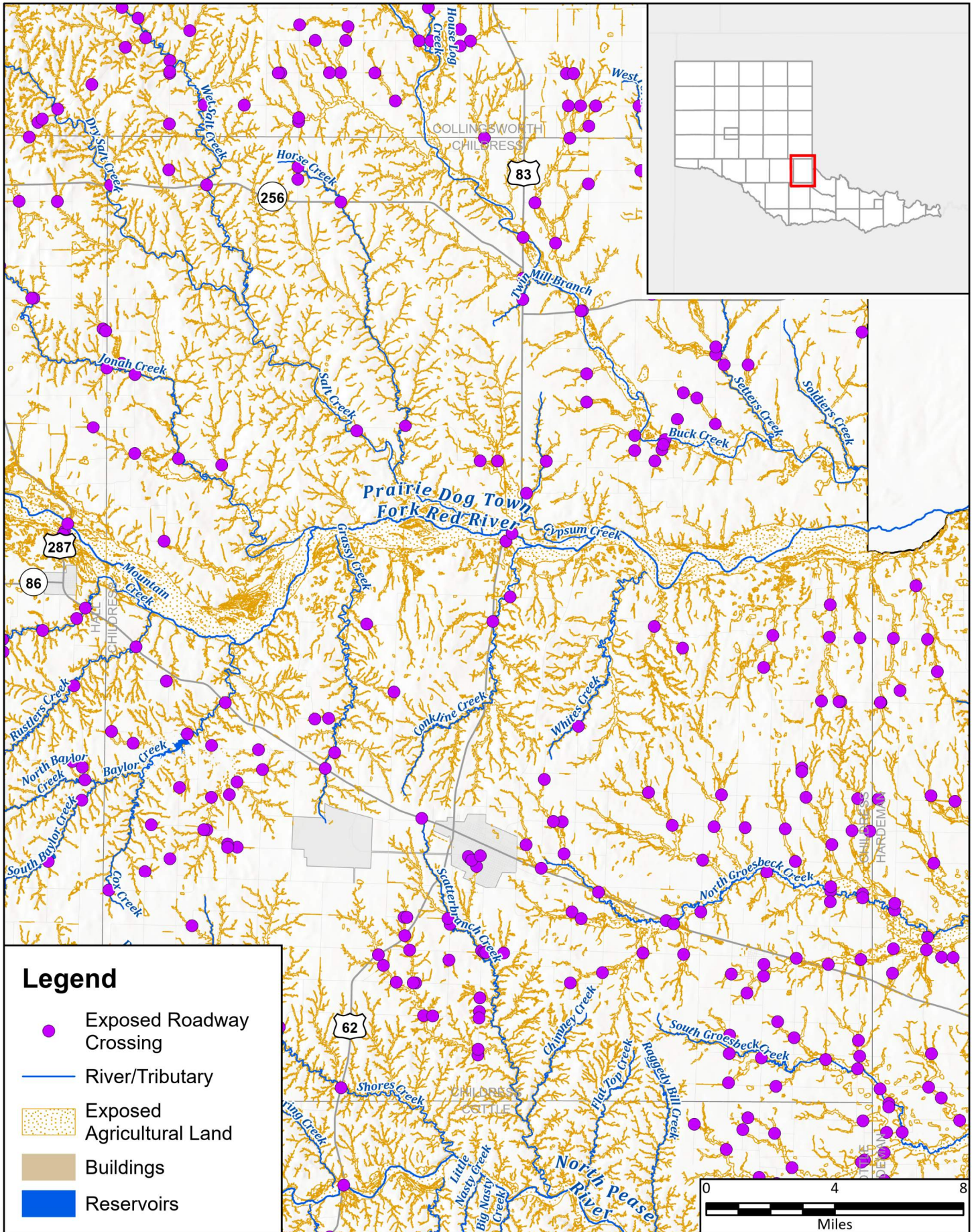
Region 1: Canadian - Upper Red

Hall County

Existing Condition Flood Exposure



Map 6
27 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mapping System Lambert
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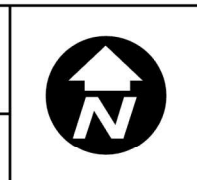
REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FRESE & NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

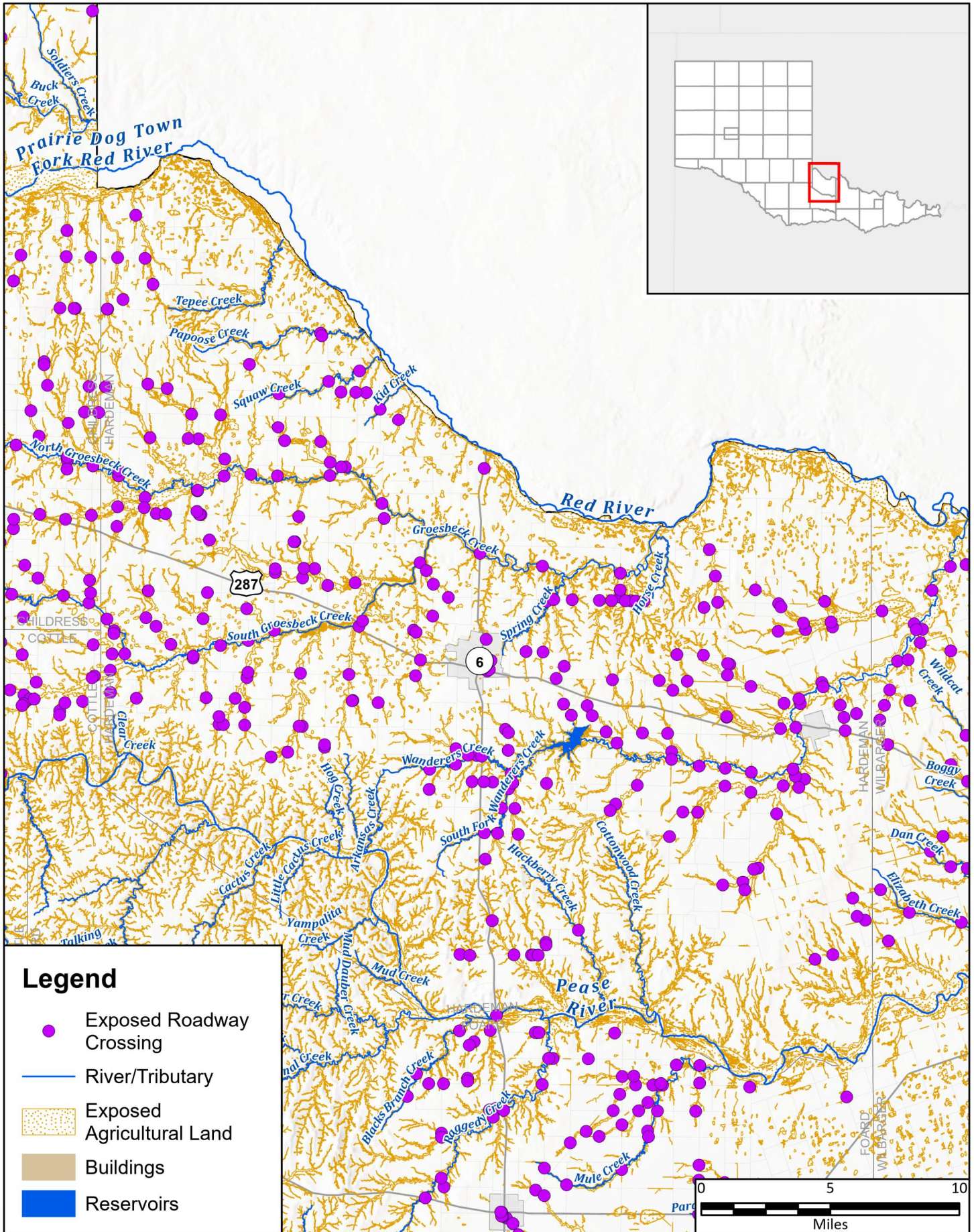
Region 1: Canadian - Upper Red

Childress County

Existing Condition Flood Exposure



Map 6
28 of 44



Legend

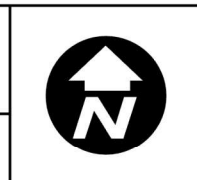
- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	
FILE NAME	Untitled
PREPARED BY	HDO

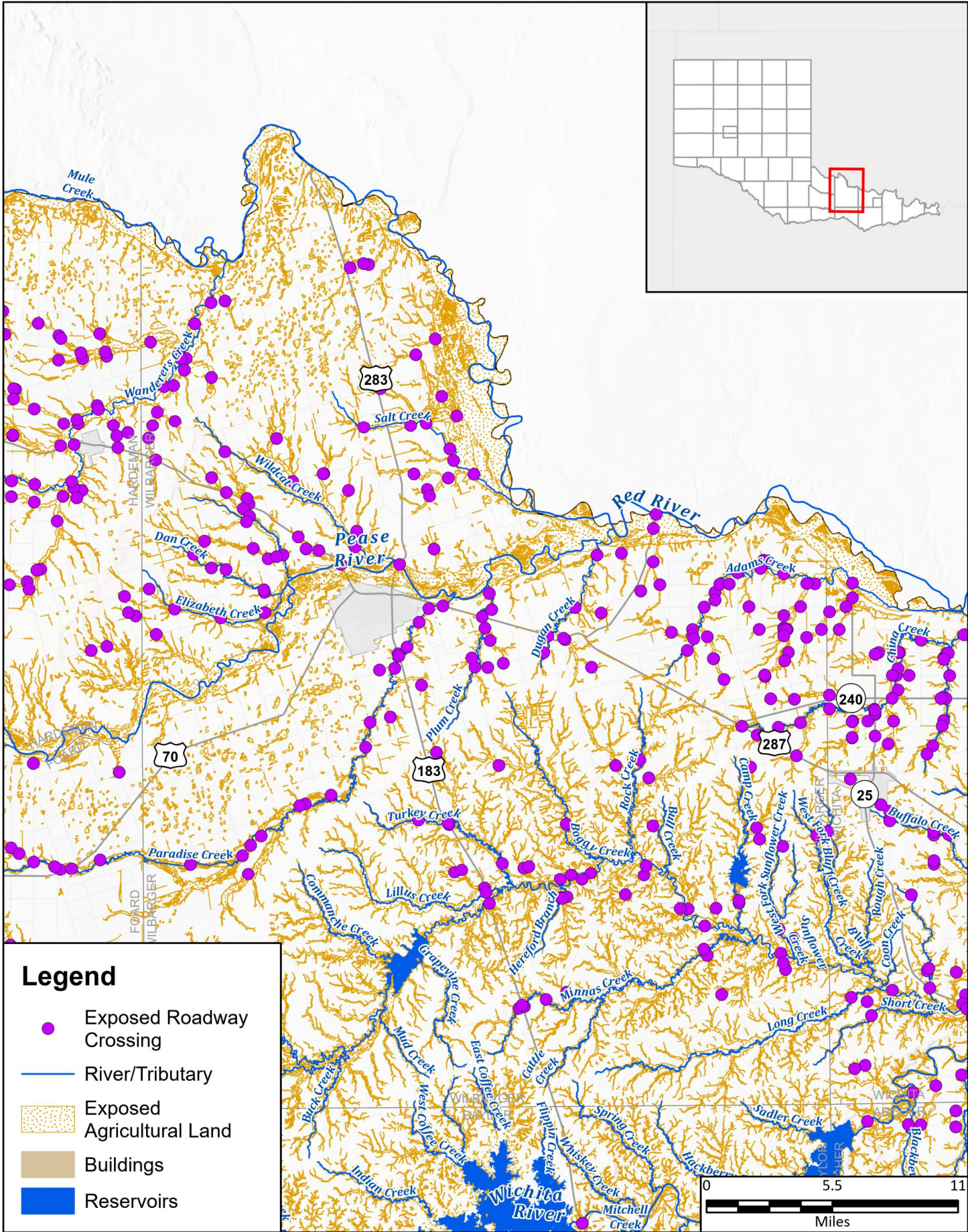
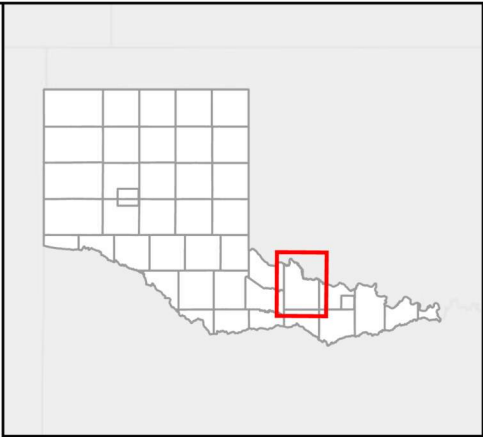
REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red
Hardeman County
 Existing Condition Flood Exposure

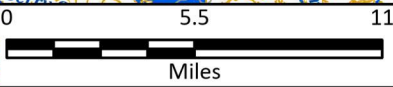


Map 6
29 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	Untitled
PREPARED BY	HDO

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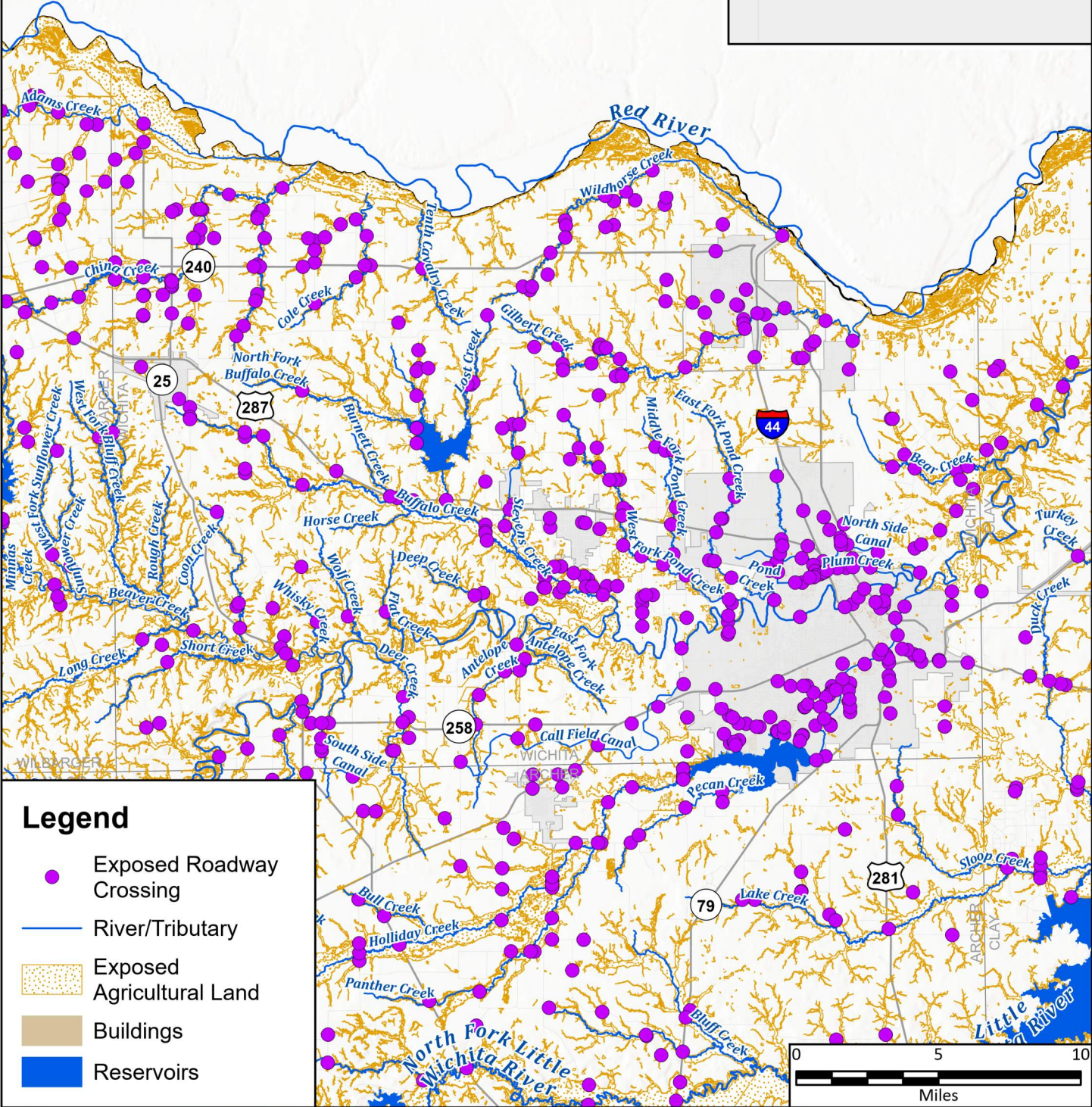
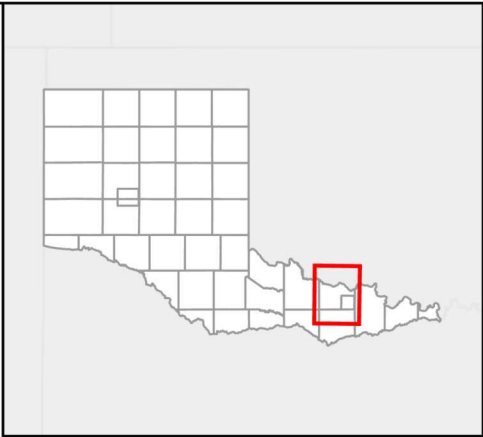
Region 1: Canadian - Upper Red

Wilbarger County

Existing Condition Flood Exposure



Map 6
30 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	NAAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	Untitled
PREPARED BY	HDO

REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREES NICHOLS
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Office: (817) 735-7300

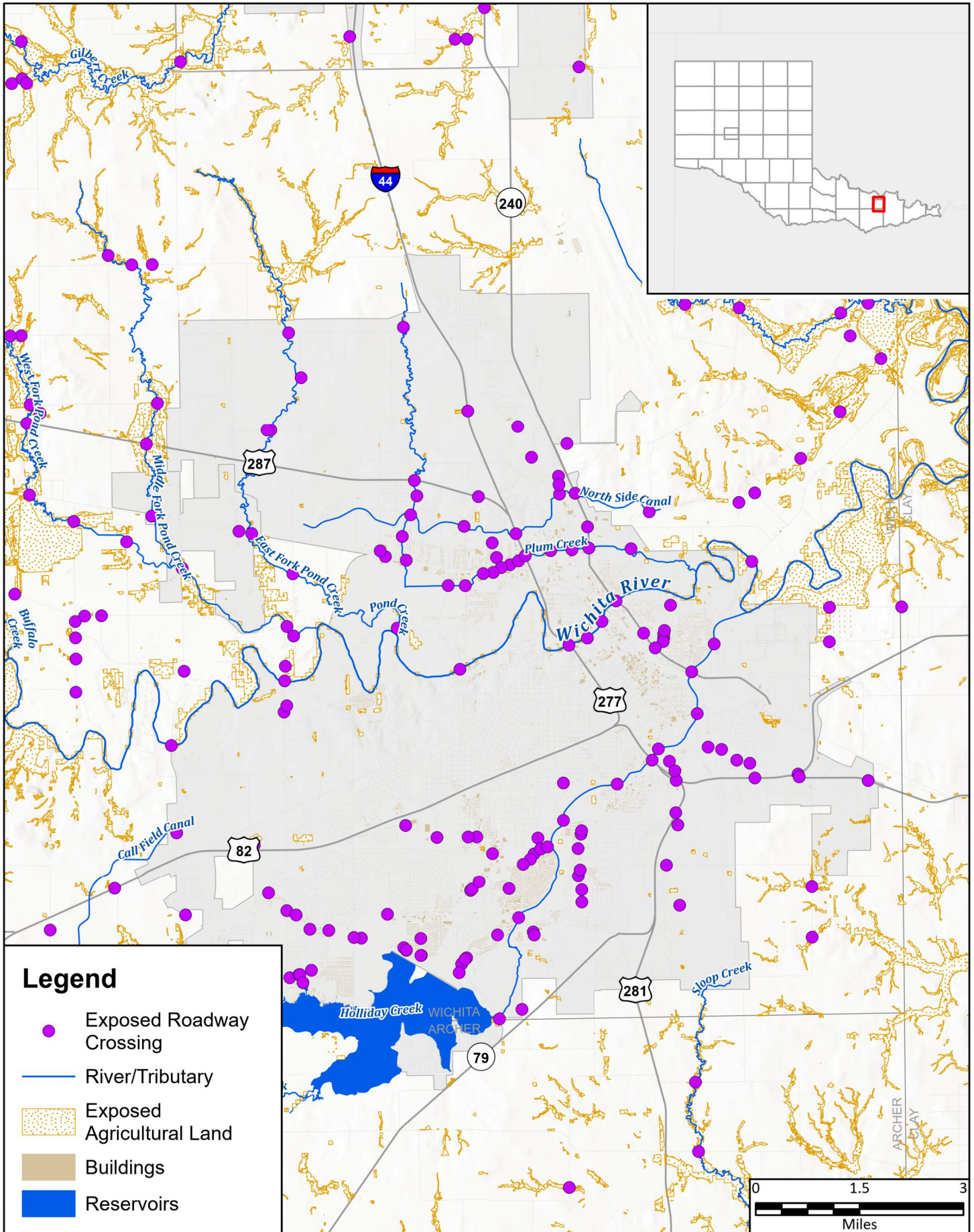
Region 1: Canadian - Upper Red

Wichita County

Existing Condition Flood Exposure



Map 6
31 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

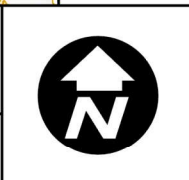


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DATE CREATED	6/15/2023
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PREPARED BY	HDO

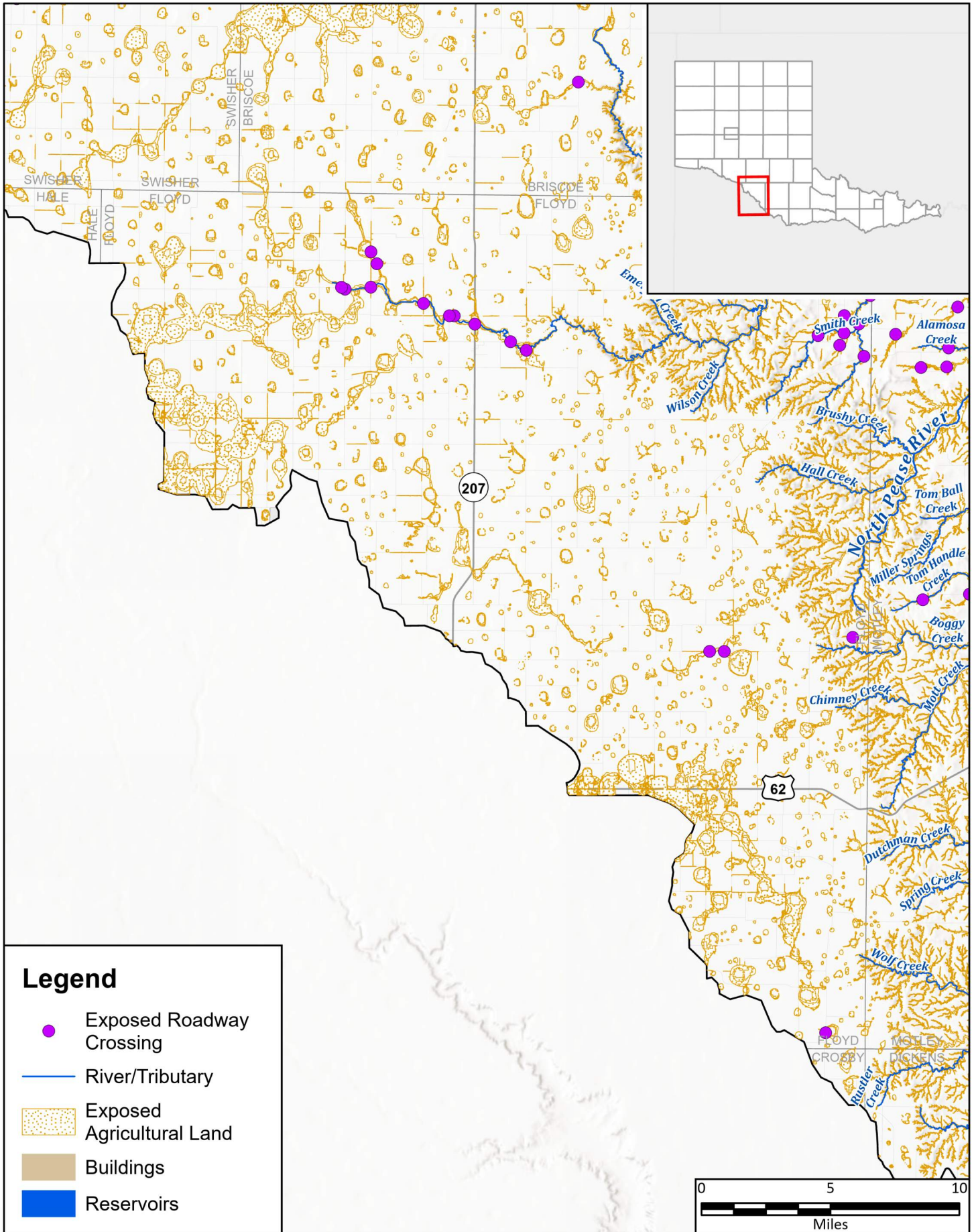
REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREES NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red
City of Wichita Falls
 Existing Condition Flood Exposure



Map 6
32 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	United States National Grid
FILE NAME	Untitled
PREPARED BY	HDO

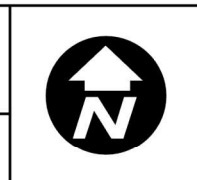
REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREES & NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

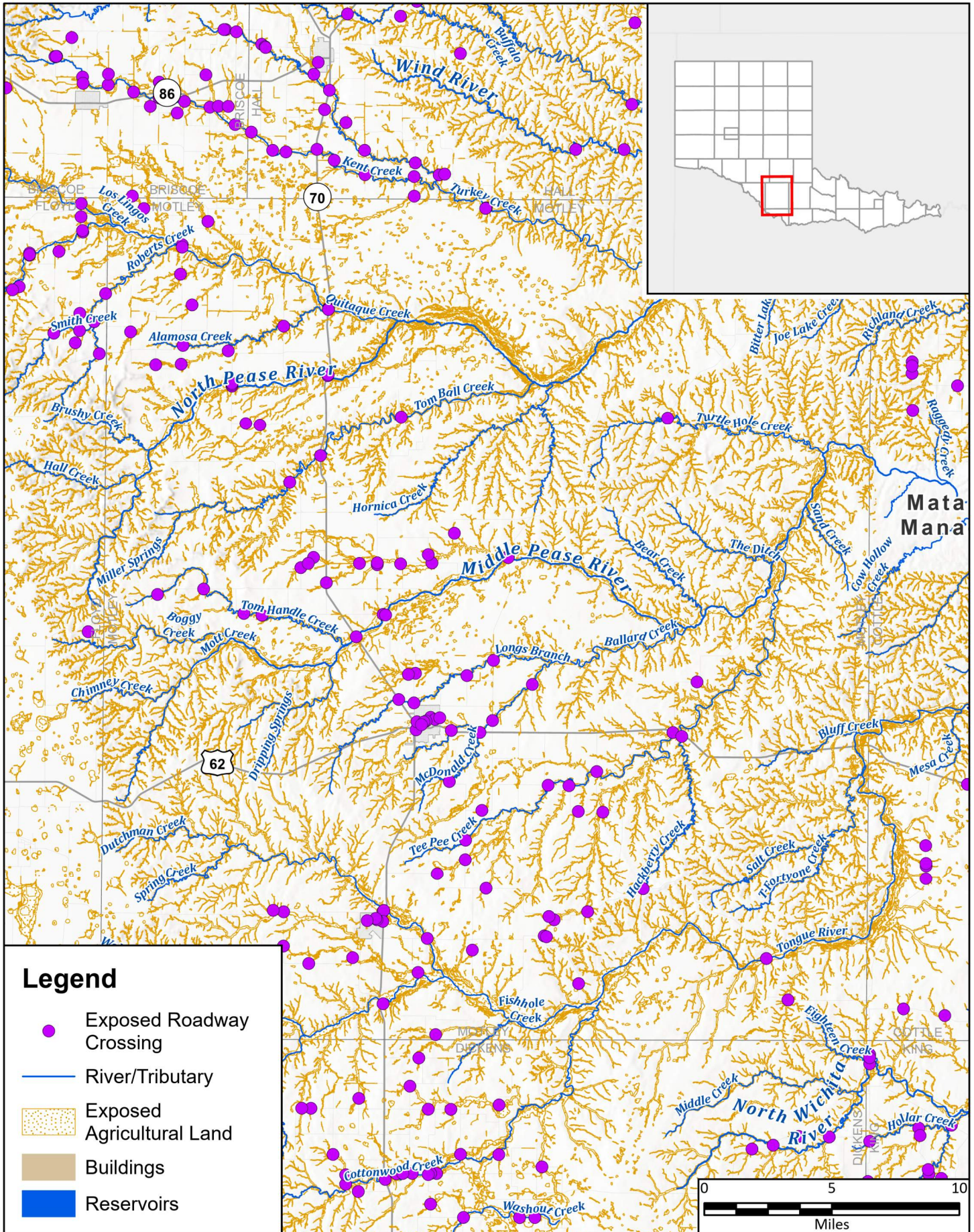
Region 1: Canadian - Upper Red

Floyd County

Existing Condition Flood Exposure



Map 6
33 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	Untitled
PREPARED BY	HDO

REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

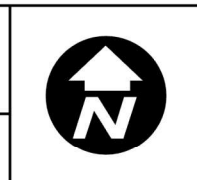
FREESE NICHOLS

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Fort Worth, Texas 76102
Office: (817) 735-7300

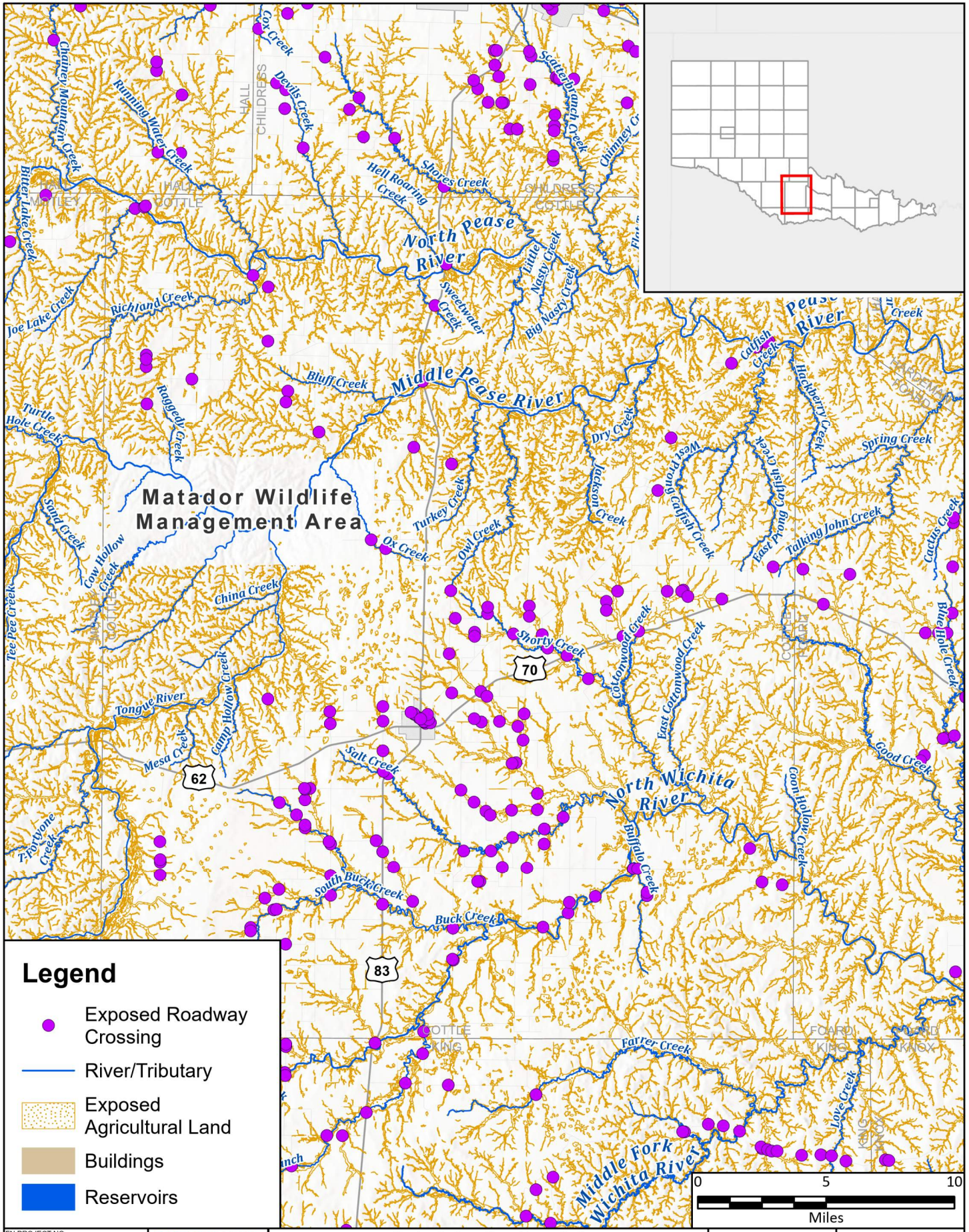
Region 1: Canadian - Upper Red

Motley County

Existing Condition Flood Exposure



Map 6
34 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	
FILE NAME	Untitled
PREPARED BY	HDO

REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE NICHOLS

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Fort Worth, Texas 76102
Office: (817) 735-7300

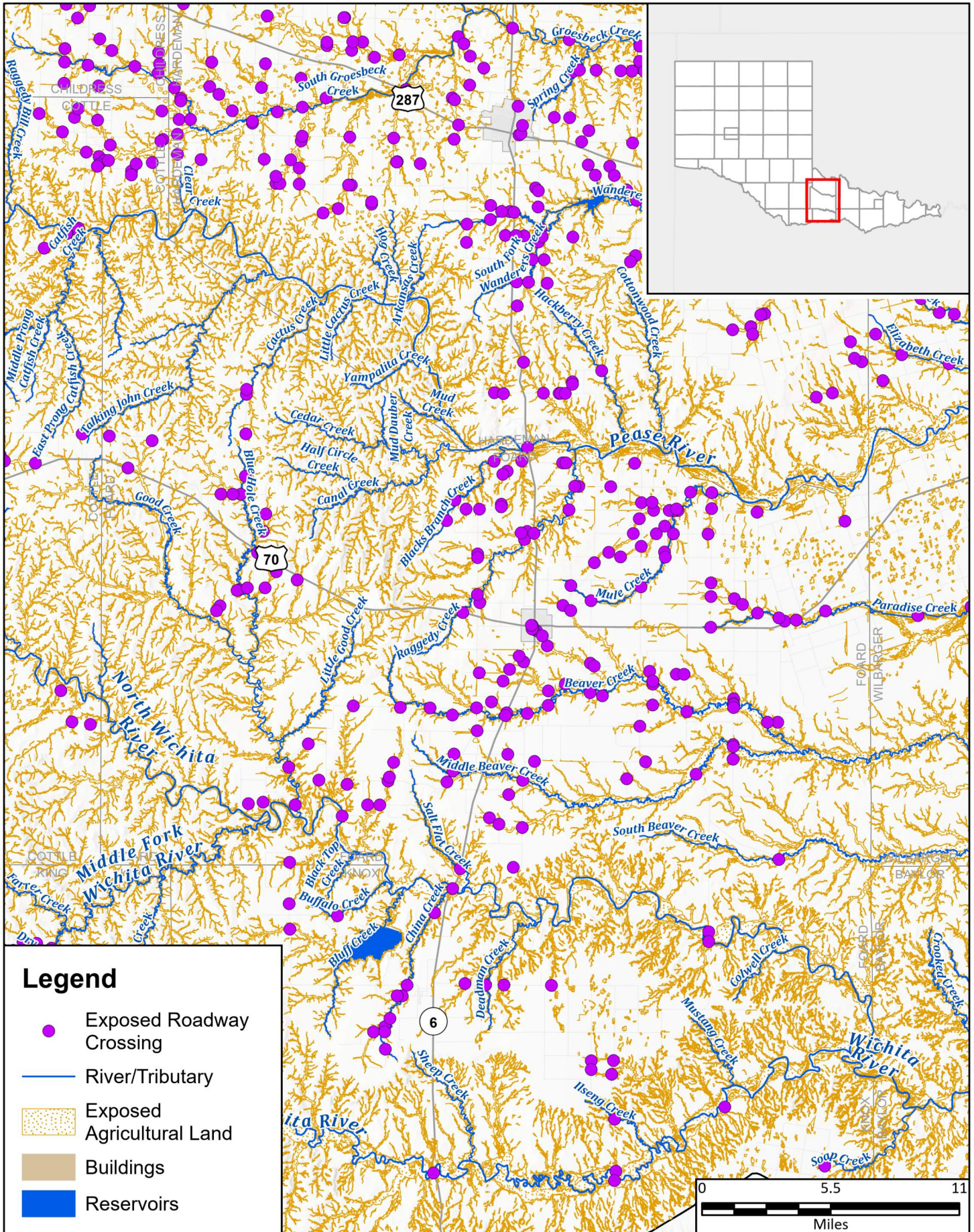
Region 1: Canadian - Upper Red

Cottle County

Existing Condition Flood Exposure



Map 6
35 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	
FILE NAME	Untitled
PREPARED BY	HDO

REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREES NICHOLS

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Fort Worth, Texas 76102
Office: (817) 735-7300

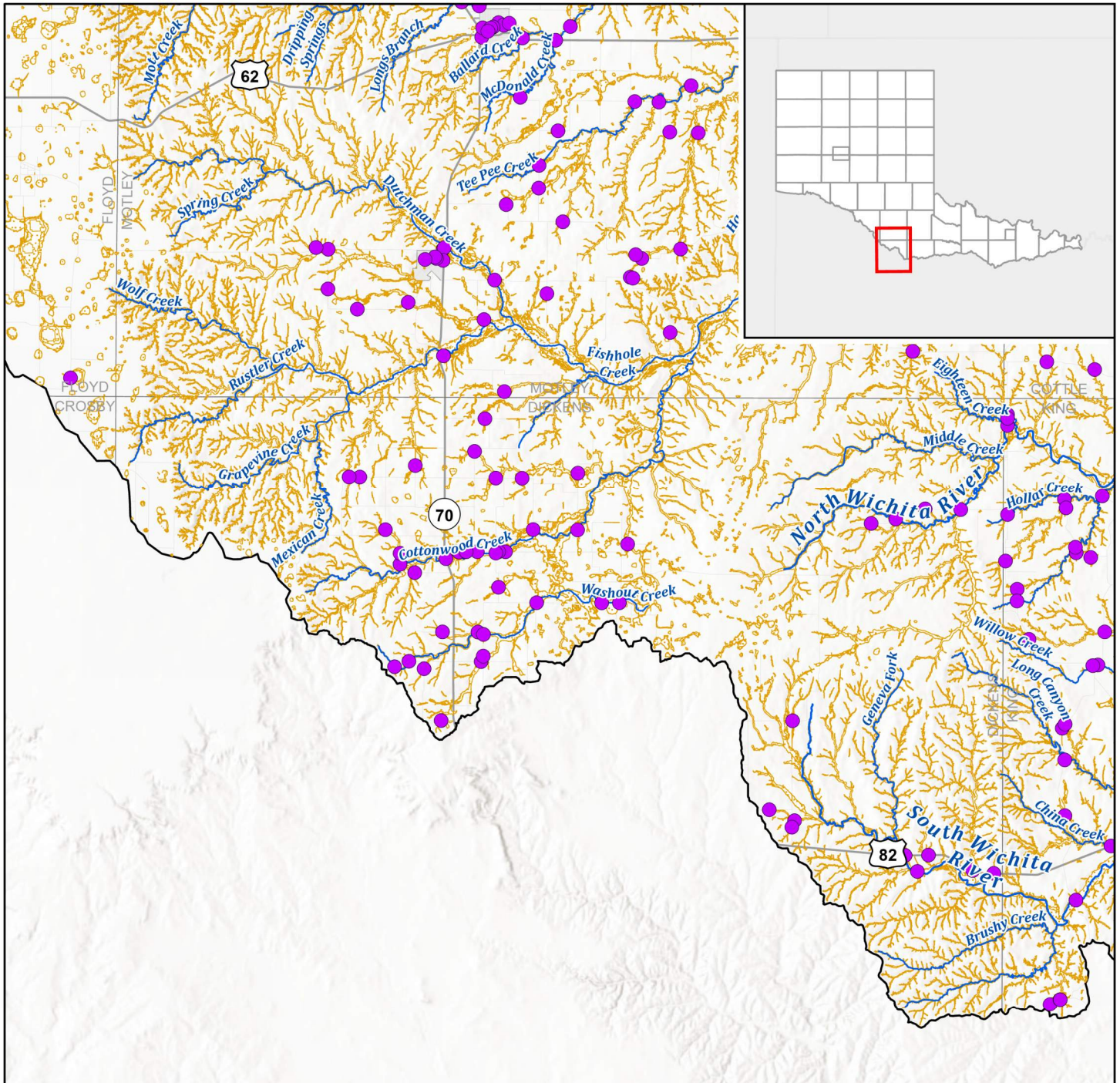
Region 1: Canadian - Upper Red

Foard County

Existing Condition Flood Exposure

Map 6

36 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	NAAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	Untitled
PREPARED BY	HDO

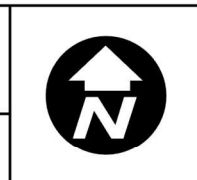
REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

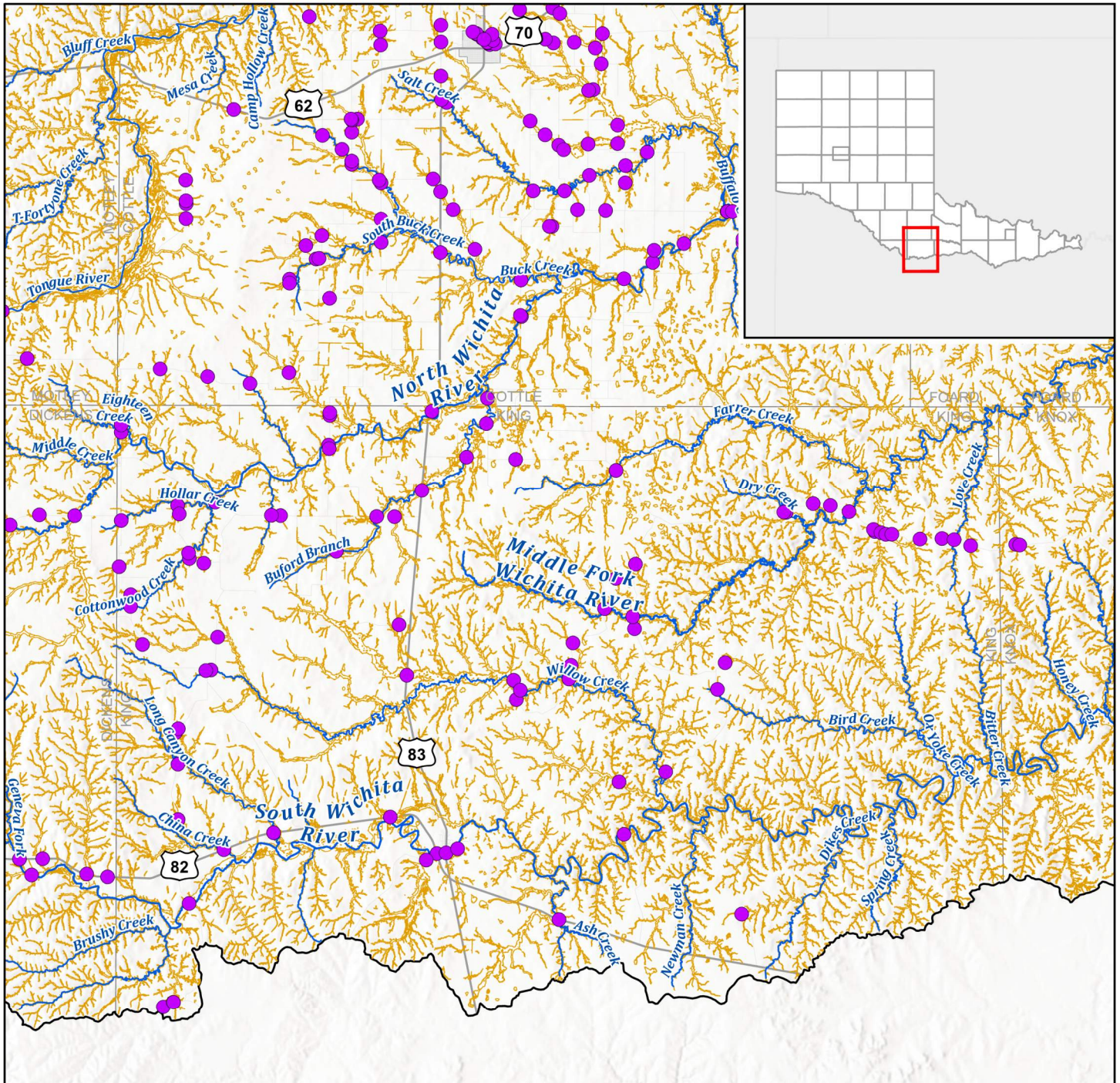
Region 1: Canadian - Upper Red

Dickens County

Existing Condition Flood Exposure



Map 6
37 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	NAAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	Untitled
PREPARED BY	HDO

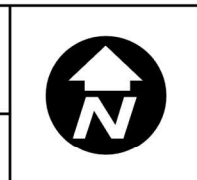
REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREES NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

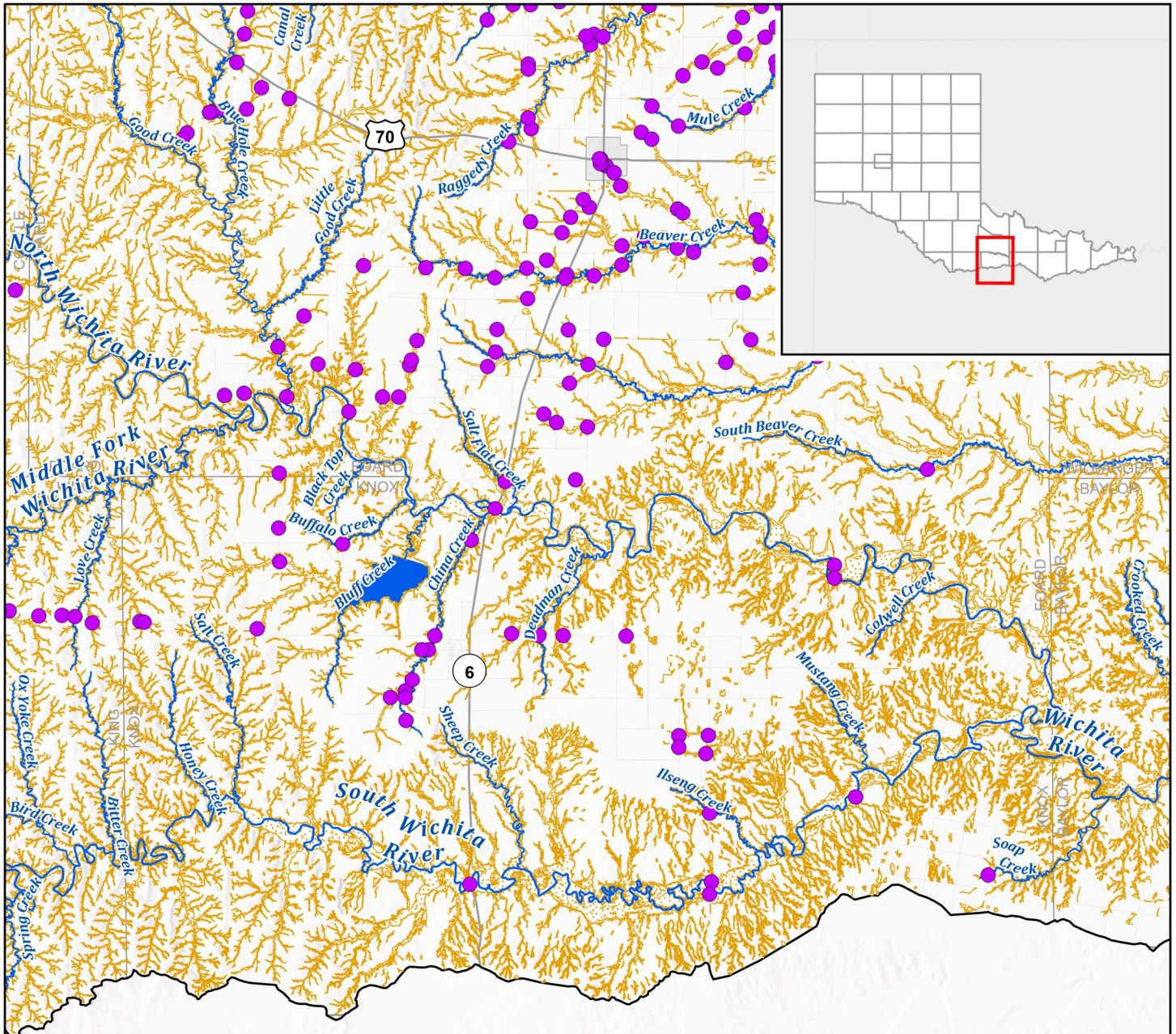
Region 1: Canadian - Upper Red

King County

Existing Condition Flood Exposure



Map 6
38 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	8010
FILE NAME	Untitled
PREPARED BY	HDO

REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

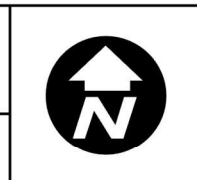
FREES & NICHOLS

801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

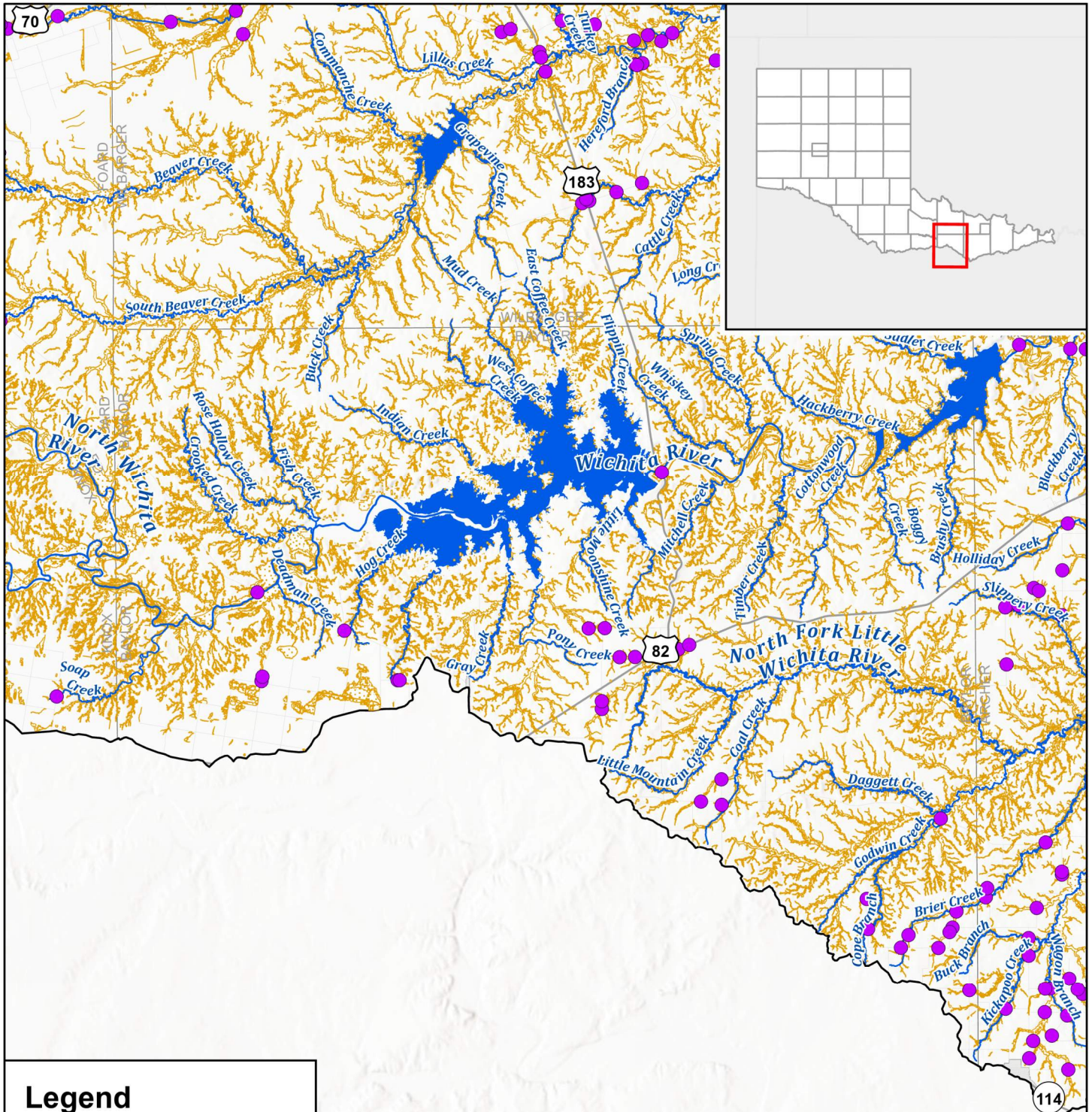
Region 1: Canadian - Upper Red

Knox County

Existing Condition Flood Exposure

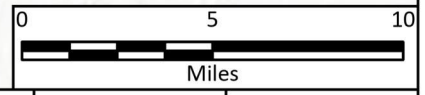


Map 6
39 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	NAAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	Untitled
PREPARED BY	HDO

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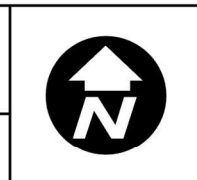
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Office: (817) 735-7300

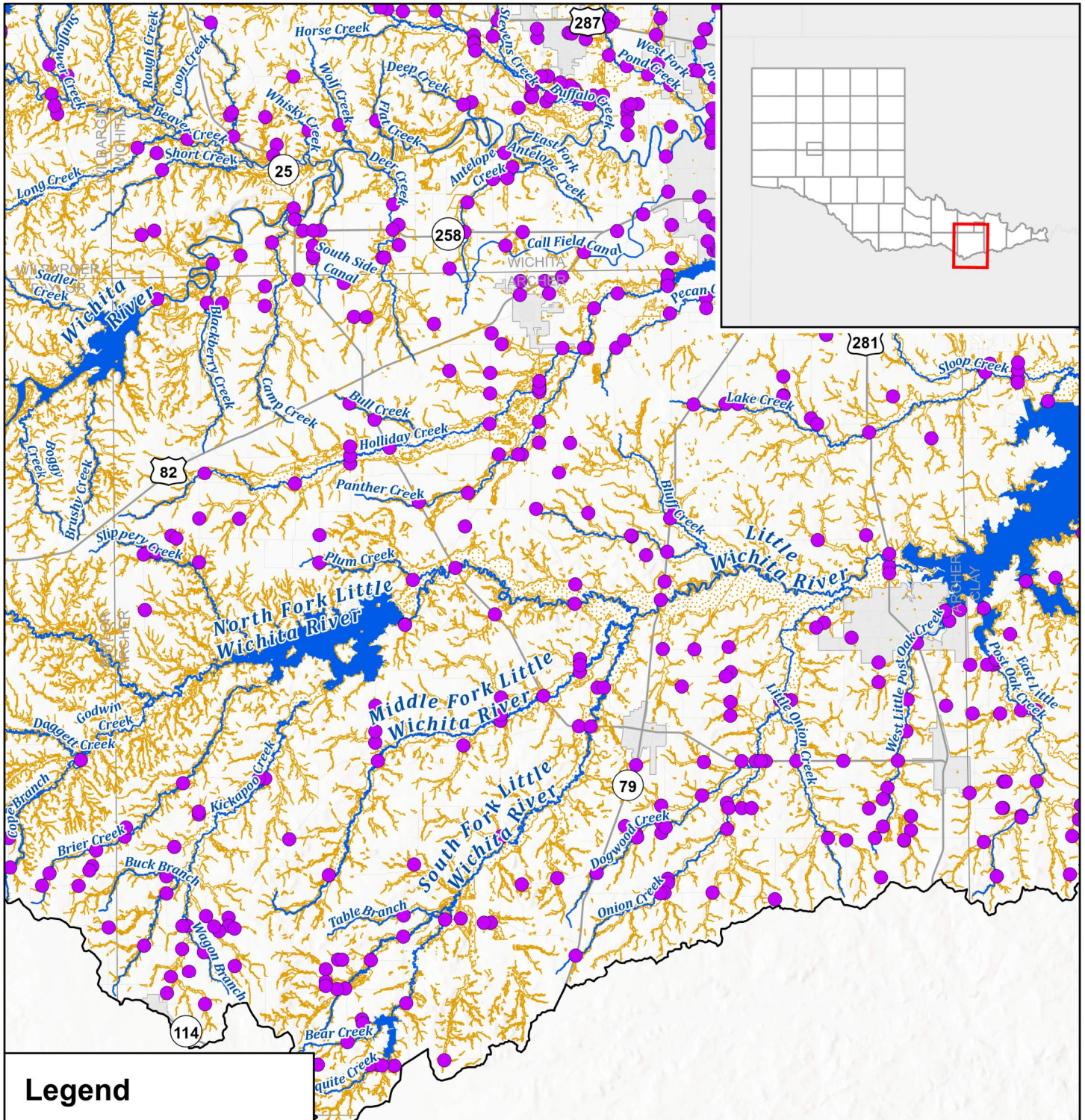
Region 1: Canadian - Upper Red

Baylor County

Existing Condition Flood Exposure



Map 6
40 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	NAAD 1983 2011 Texas Centric Mapping System Lambert
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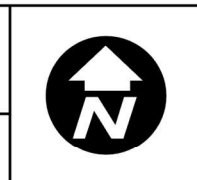
REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREES & NICHOLS
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Fort Worth, Texas 76102
Office: (817) 735-7300

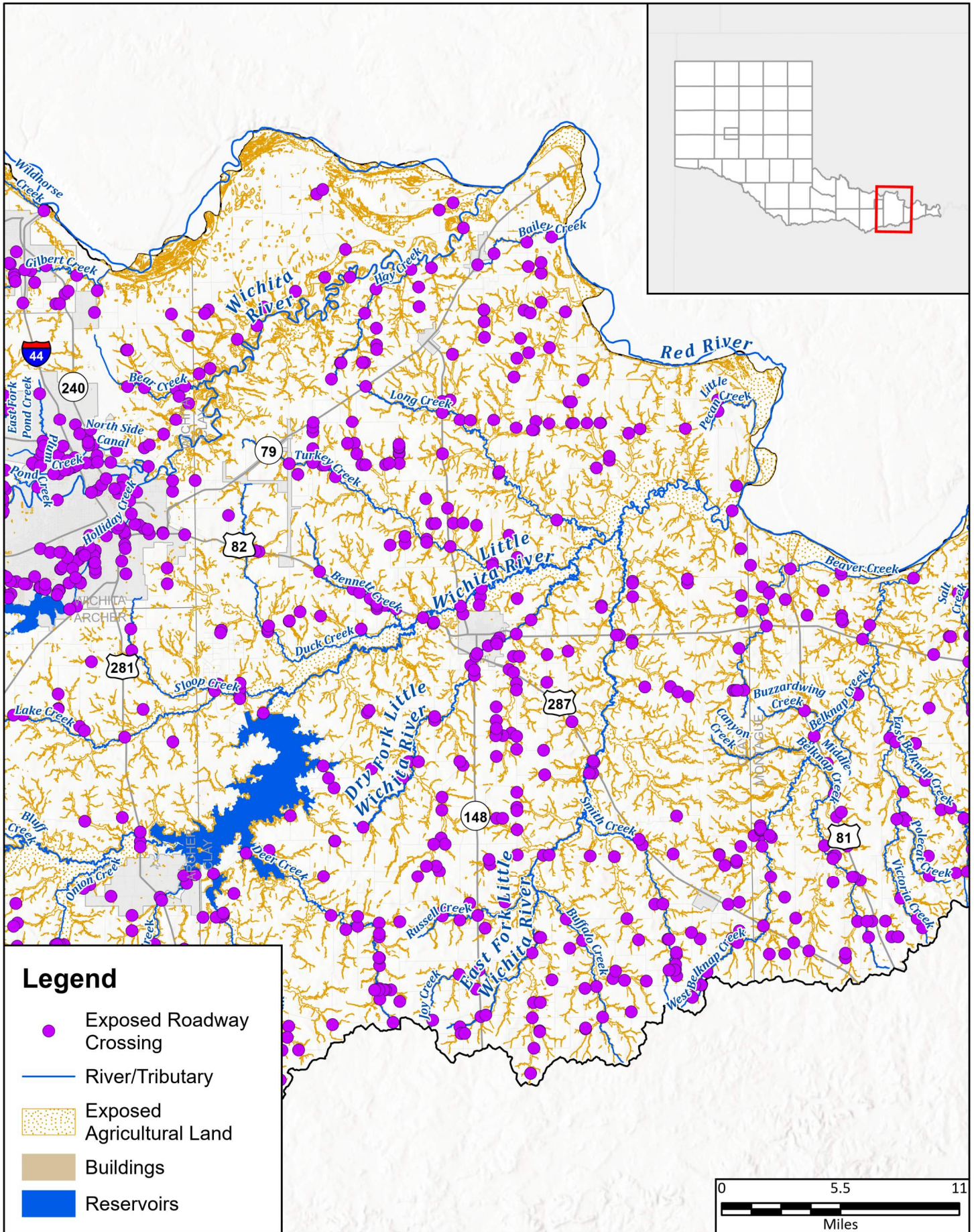
Region 1: Canadian - Upper Red

Archer County

Existing Condition Flood Exposure



Map 6
41 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs

FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mapping System Lambert
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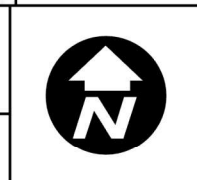
REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

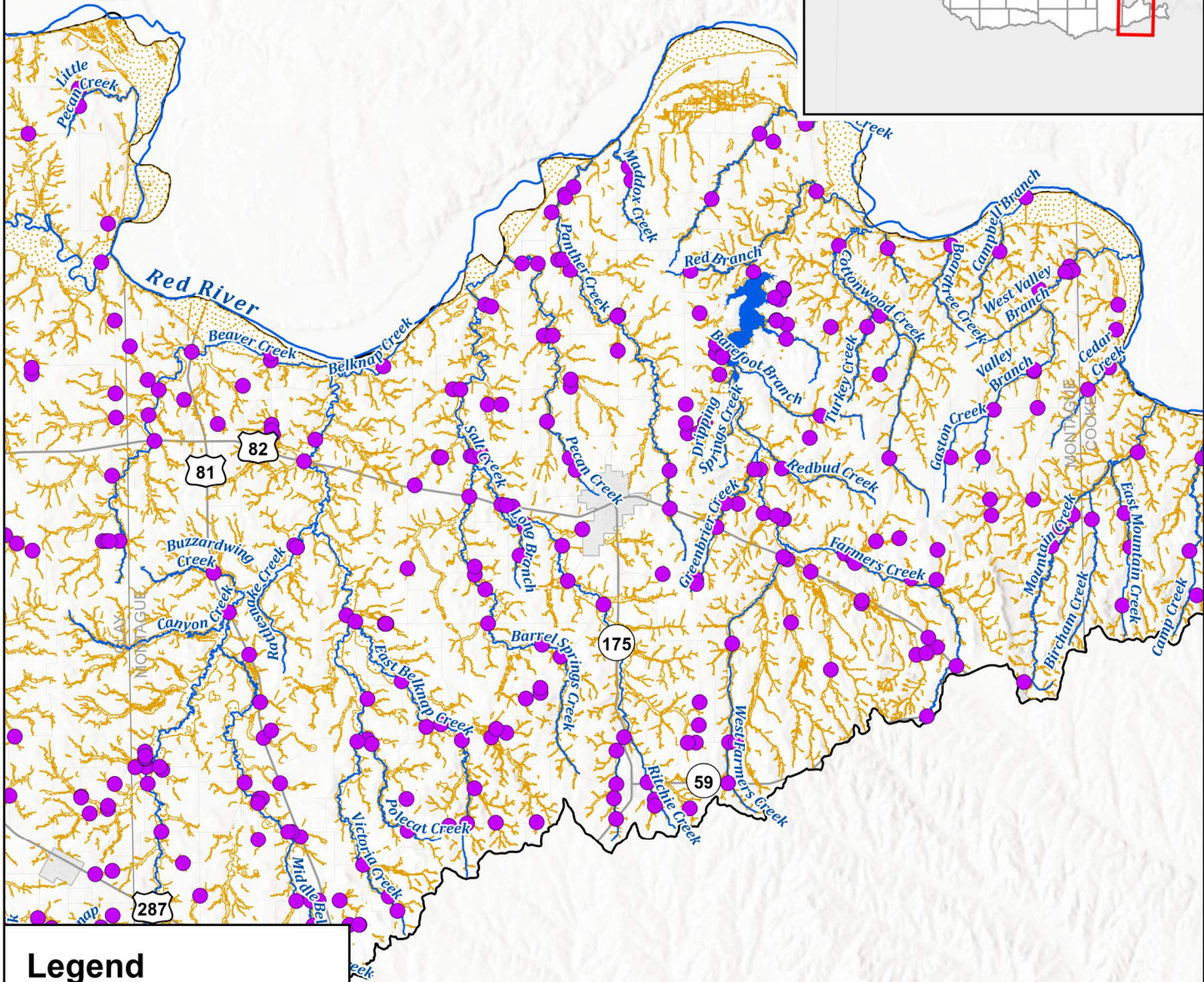
Clay County

Existing Condition Flood Exposure



0 5.5 11
Miles

Map 6
42 of 44



Legend

- Exposed Roadway Crossing
- River/Tributary
- Exposed Agricultural Land
- Buildings
- Reservoirs



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	NAAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	Untitled
PREPARED BY	HDO

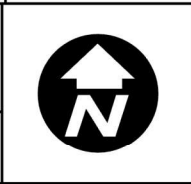
REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

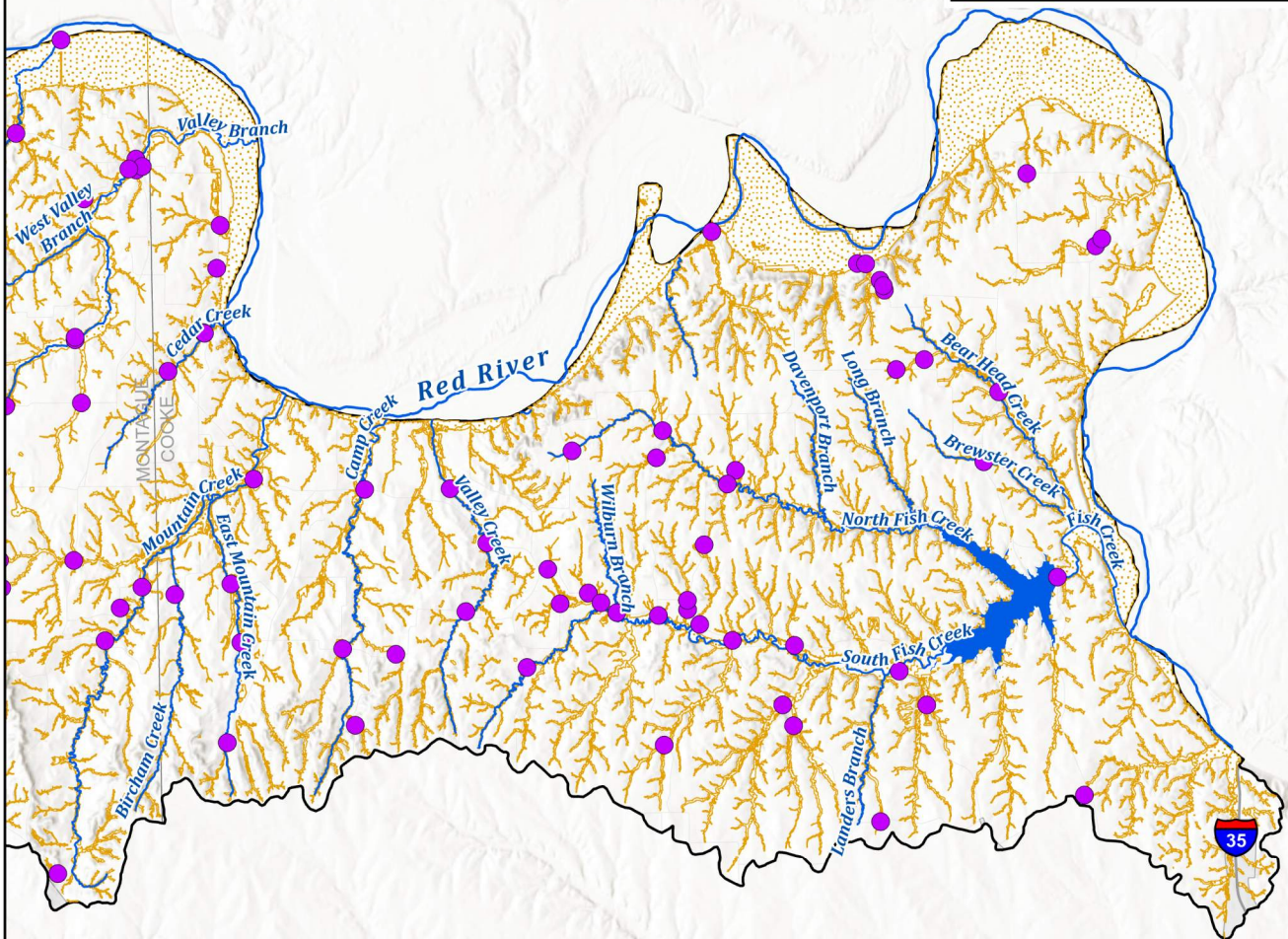
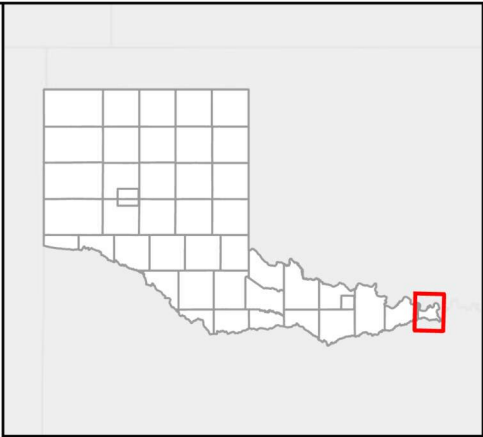
Region 1: Canadian - Upper Red

Montague County






Existing Condition Flood Exposure

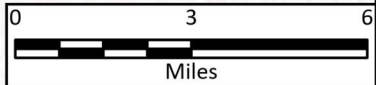


Map 6
43 of 44



Legend

-  Exposed Roadway Crossing
-  River/Tributary
-  Exposed Agricultural Land
-  Buildings
-  Reservoirs



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	NAAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	Untitled
PREPARED BY	HDO

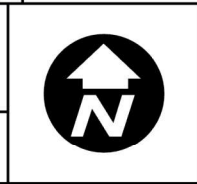
REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREES NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Cooke County

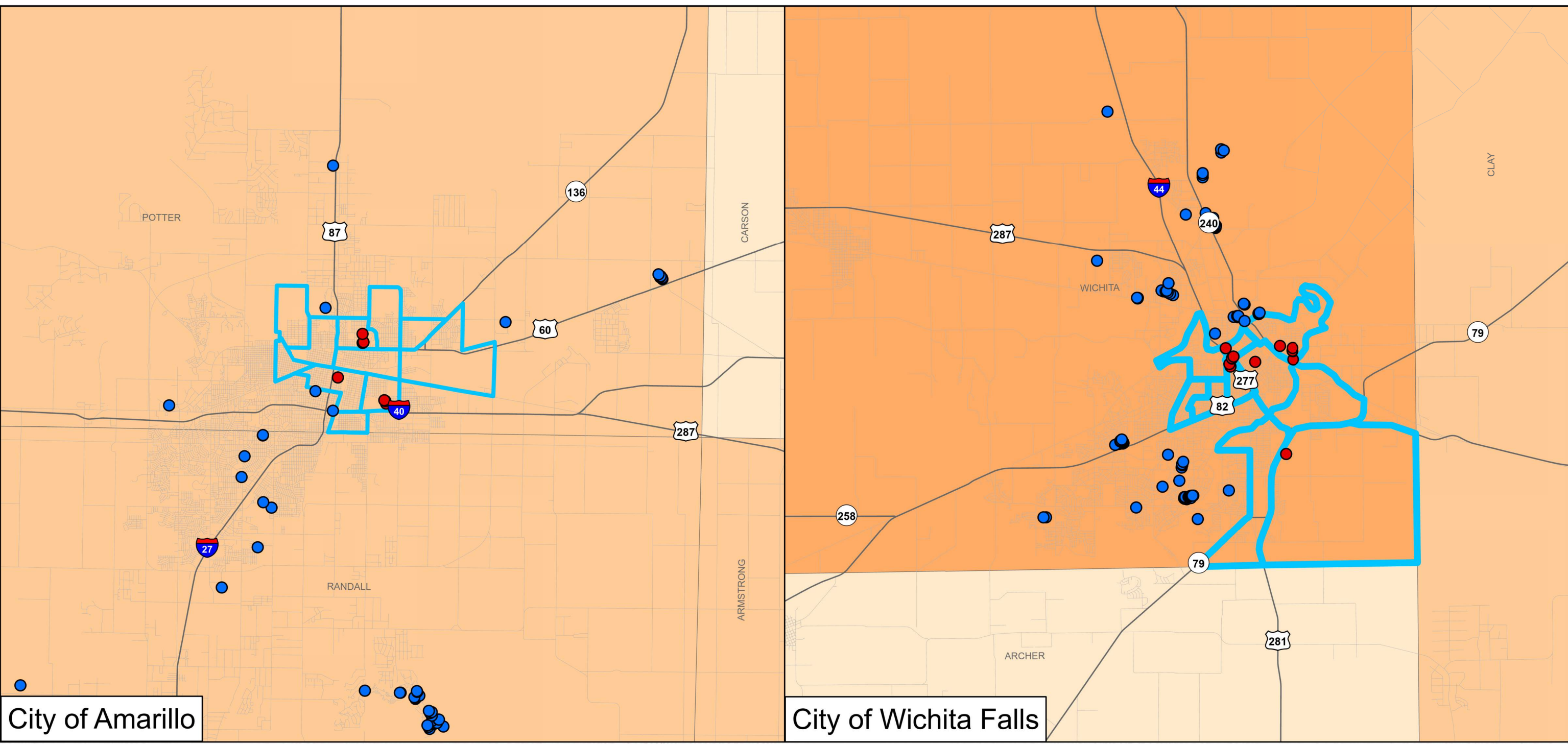
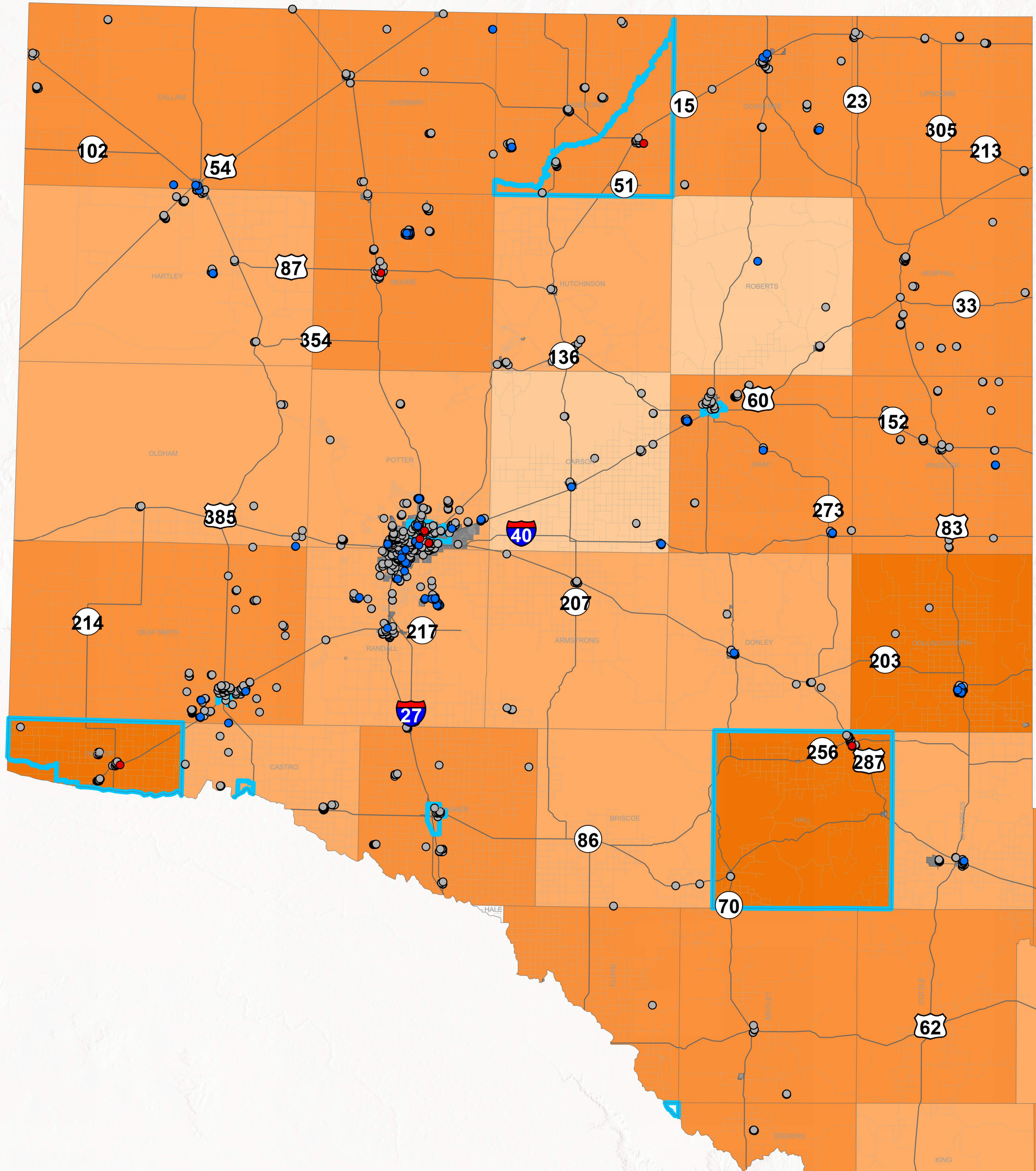
Existing Condition Flood Exposure



Map 6
44 of 44

Appendix B-1 | B-1.4

Map 7 – Existing Condition Vulnerability and Critical Infrastructure



Legend

Critical Facilities inside of the Floodplain with SVI

- 0.0 - 0.74 (225 count)
- > 0.75 (34 count)

Critical Facilities outside of the Floodplain

- Critical Facilities

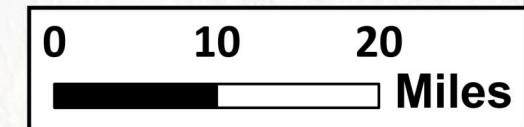
Census Tract SVI

- SVI > 0.75

Average SVI of Exposure by

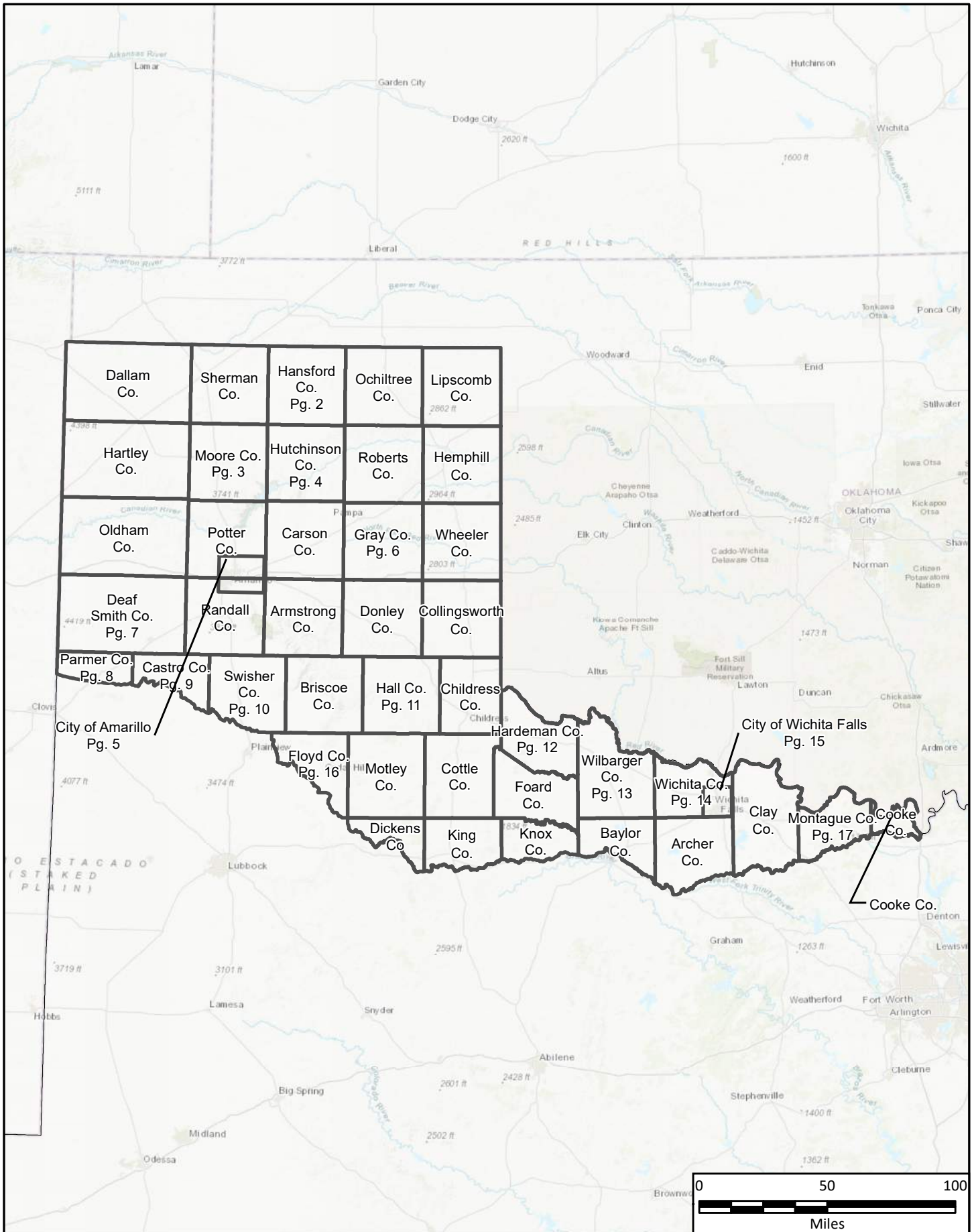
- 0
- 0.01 - 0.25
- 0.26 - 0.50
- 0.51 - 0.74
- ≥ 0.75

Texas Cities



Region 1 - Canadian-Upper Red
Existing Condition Vulnerability and Critical Infrastructure

PROJECT NO	PPC21323	Map 7
FILE	UpperRed	
DATE	6/14/2023	
SCALE	1" = 750,000'	
DRAFTED	08485	



PROJECT NO.	PPC21323
DATE CREATED	12/8/2022
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	MapIndex_17Pages
PREPARED BY	HDO

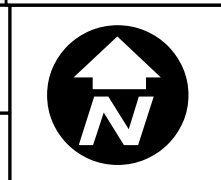
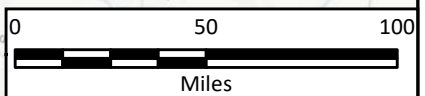
REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE & NICHOLS
 Freese and Nichols, Inc.
 801 Cherry St. Suite 2800
 Fort Worth, Texas 76102
 Office: (817) 735-7300

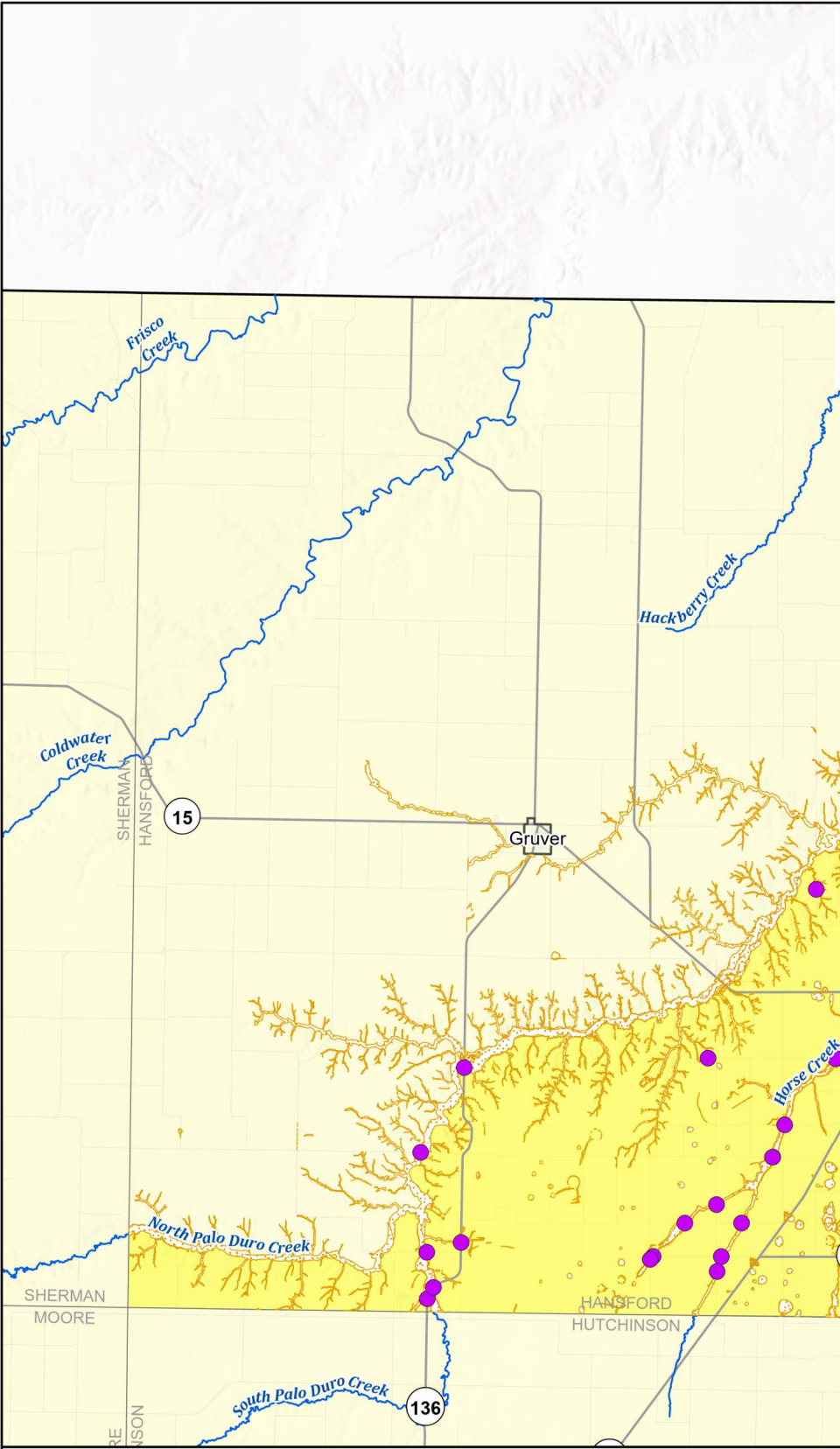
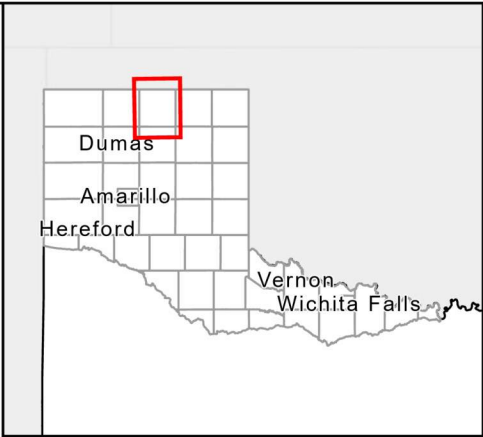
Region 1: Canadian - Upper Red

Map Index

Existing Condition Vulnerability and Critical Infrastructure



Map 7
1 of 17

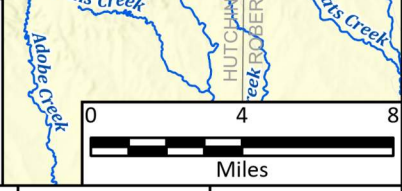


Legend

- ★ Existing Critical Facility
- Exposed Roadway Crossing
- Exposed Agricultural Land
- Exposed Buildings
- Reservoirs

Social Vulnerability Index

- SVI < 0.75
- SVI ≥ 0.75



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	ADAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	Untitled
PREPARED BY	HDO

REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

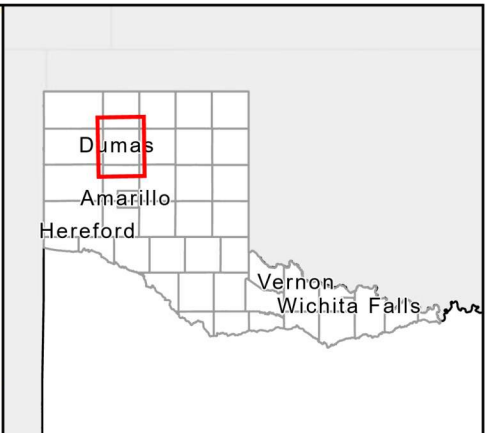
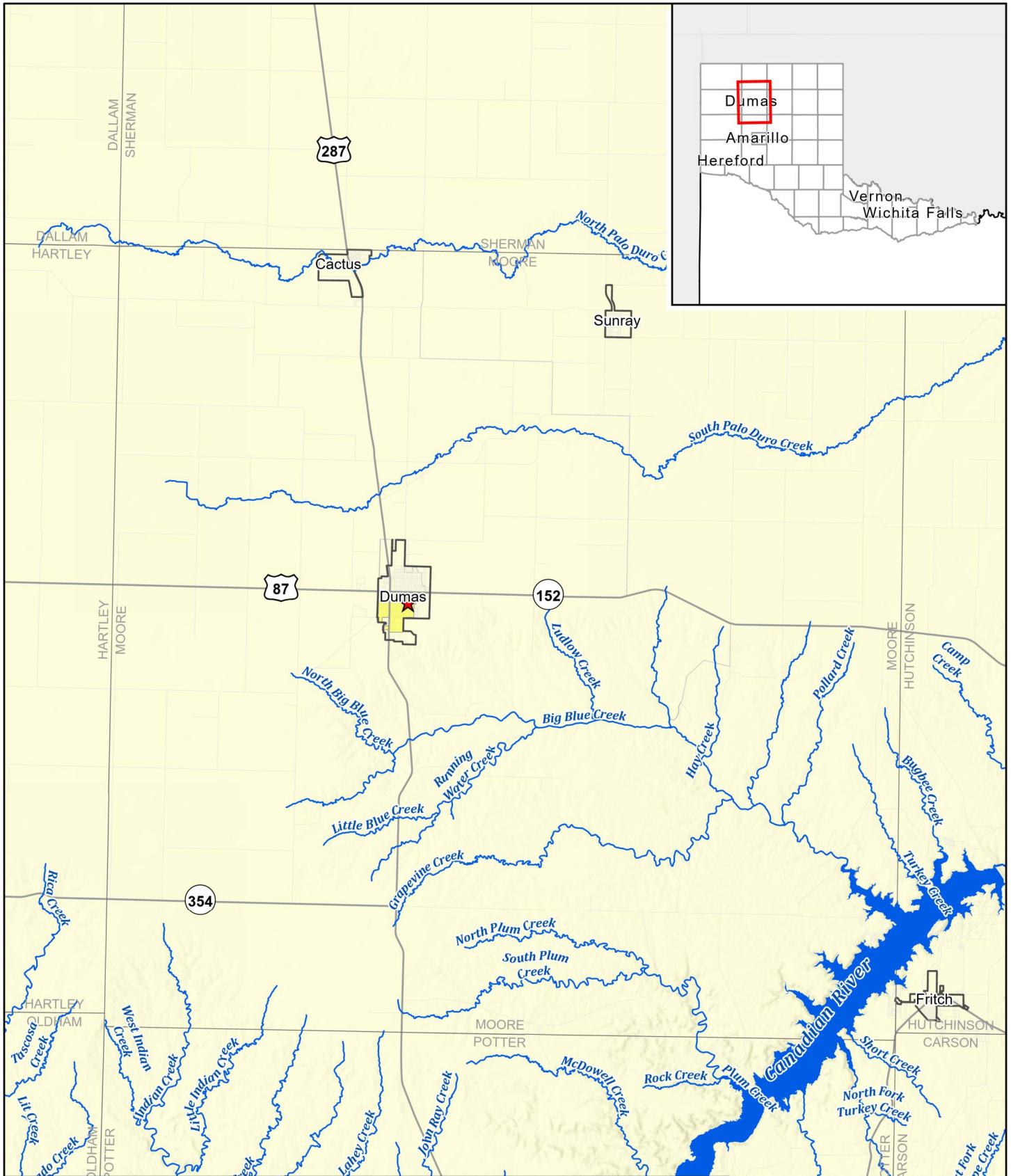
FREESE & NICHOLS
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Fort Worth, Texas 76102
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Region 1: Canadian - Upper Red

Hansford County

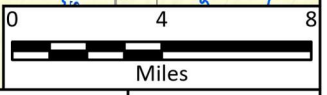
Existing Condition Vulnerability and Critical Infrastructure





Legend

- Existing Critical Facility
- Exposed Agricultural Land
- Reservoirs
- Social Vulnerability Index SVI >= 0.75
- Exposed Buildings
- Social Vulnerability Index SVI < 0.75



FN PROJECT NO.	PPC21323
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DATUM & COORDINATE SYSTEM	NAAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	Untitled
PREPARED BY	HDO

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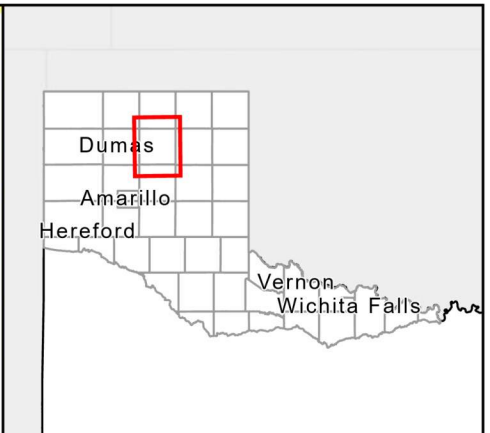
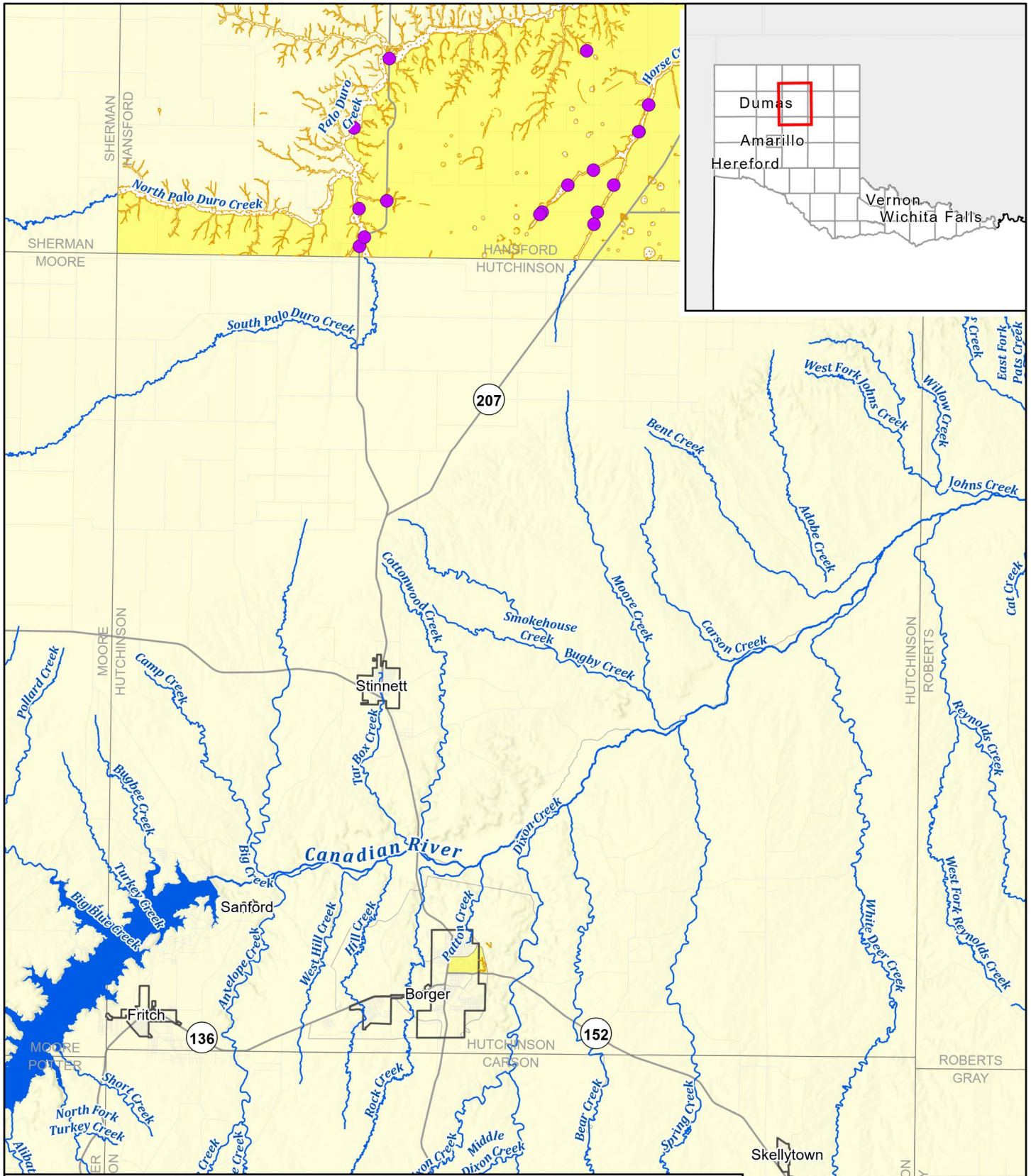
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Region 1: Canadian - Upper Red

Moore County

Existing Condition Vulnerability and Critical Infrastructure



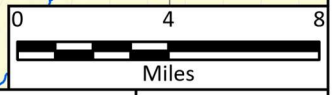


Legend

- ★ Existing Critical Facility
- Exposed Roadway Crossing
- Exposed Agricultural Land
- Exposed Buildings
- Reservoirs

Social Vulnerability Index

- SVI < 0.75
- SVI >= 0.75



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	NAAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	Untitled
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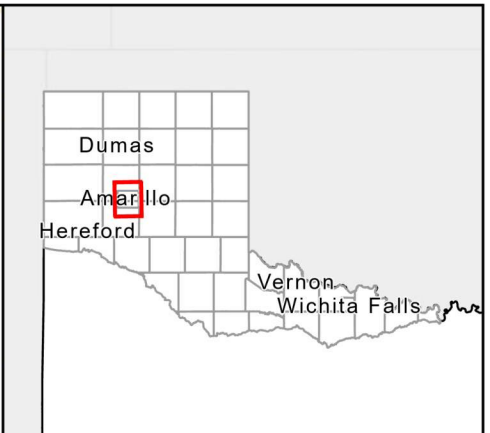
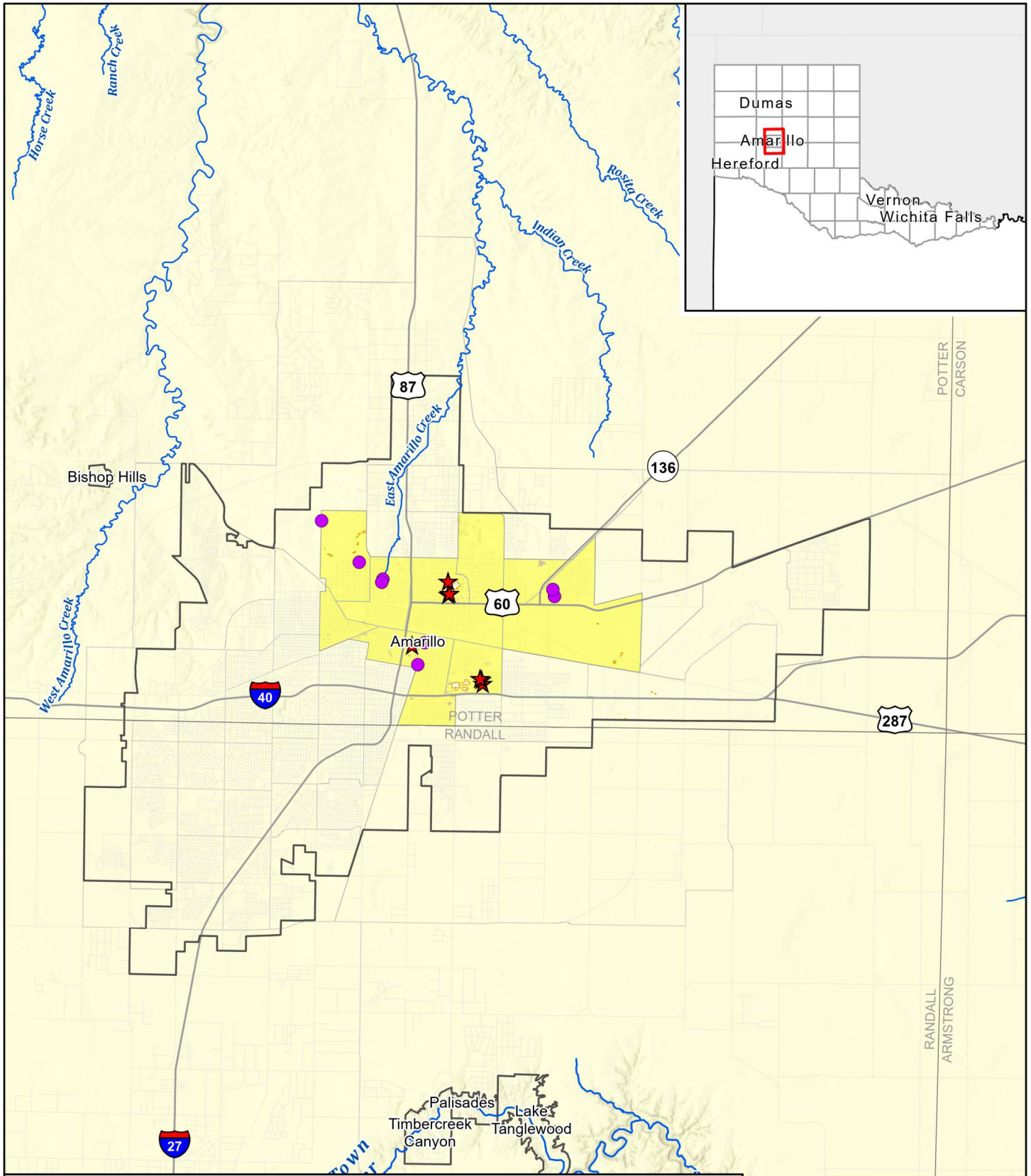
Region 1: Canadian - Upper Red

Hutchinson County

Existing Condition Vulnerability and Critical Infrastructure

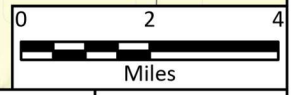


Map 7
4 of 17



Legend

- Existing Critical Facility
- Exposed Agricultural Land
- Reservoirs
- Social Vulnerability Index**
- Exposed Roadway Crossing
- Exposed Buildings
- SVI < 0.75
- SVI >= 0.75



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	NAAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	Untitled
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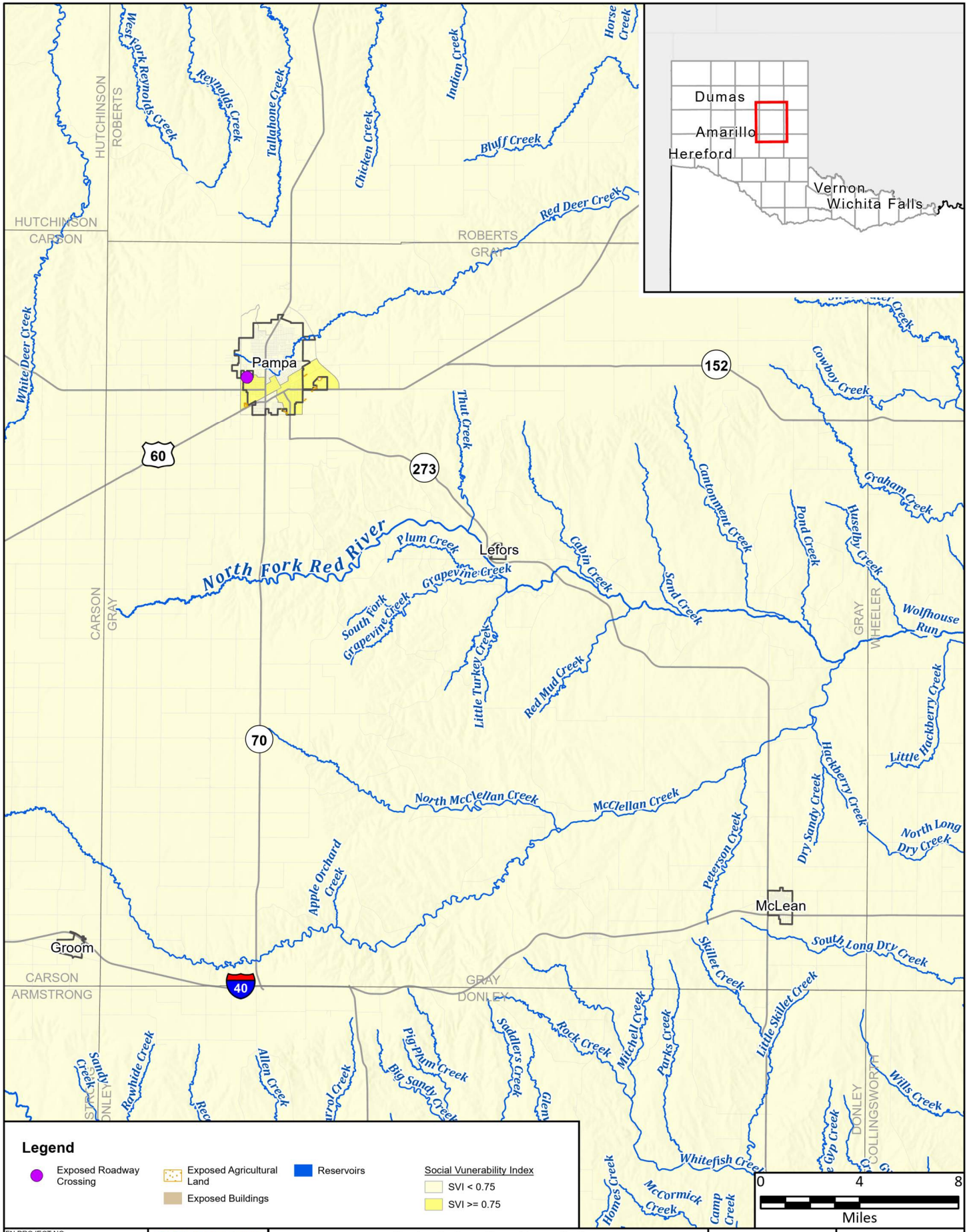
Region 1: Canadian - Upper Red

City of Amarillo

Existing Condition Vulnerability and Critical Infrastructure



Map 7
5 of 17



Legend

- Exposed Roadway Crossing
- Exposed Agricultural Land
- Reservoirs
- Social Vulnerability Index (SVI) < 0.75
- Exposed Buildings
- SVI >= 0.75

FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	NAAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	Untitled
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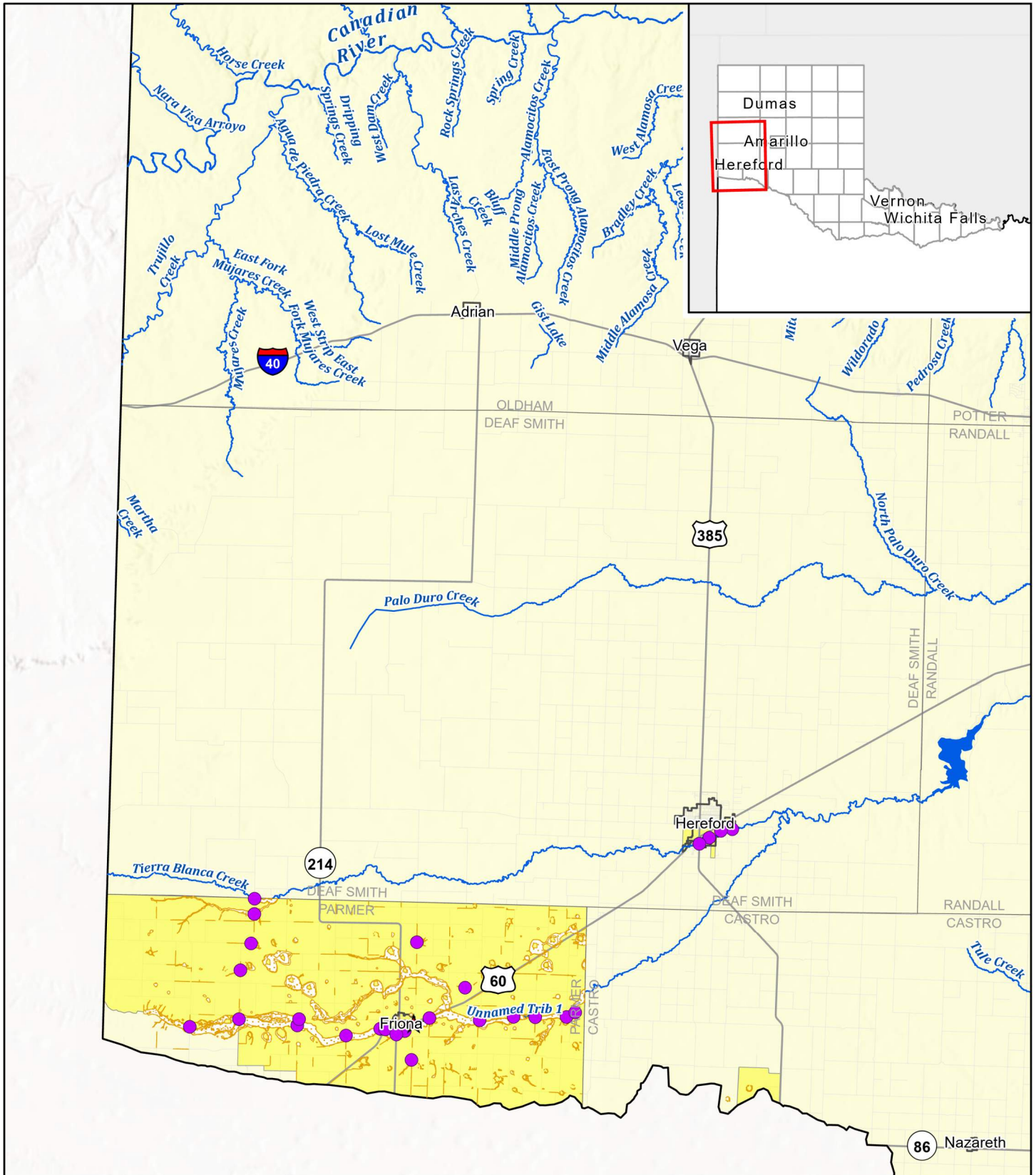
Region 1: Canadian - Upper Red

Gray County

Existing Condition Vulnerability and Critical Infrastructure

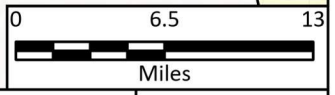


Map 7
6 of 17



Legend

- ★ Existing Critical Facility
- Exposed Roadway Crossing
- Exposed Agricultural Land
- Exposed Buildings
- Reservoirs
- Social Vulnerability Index
- SVI < 0.75
- SVI >= 0.75



FN PROJECT NO.	PPC21323
DATE CREATED	6/15/2023
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FILE NAME	UNTITLED
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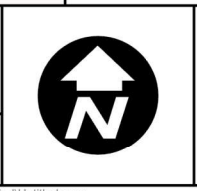
REGION 1 CANADIAN UPPER RED
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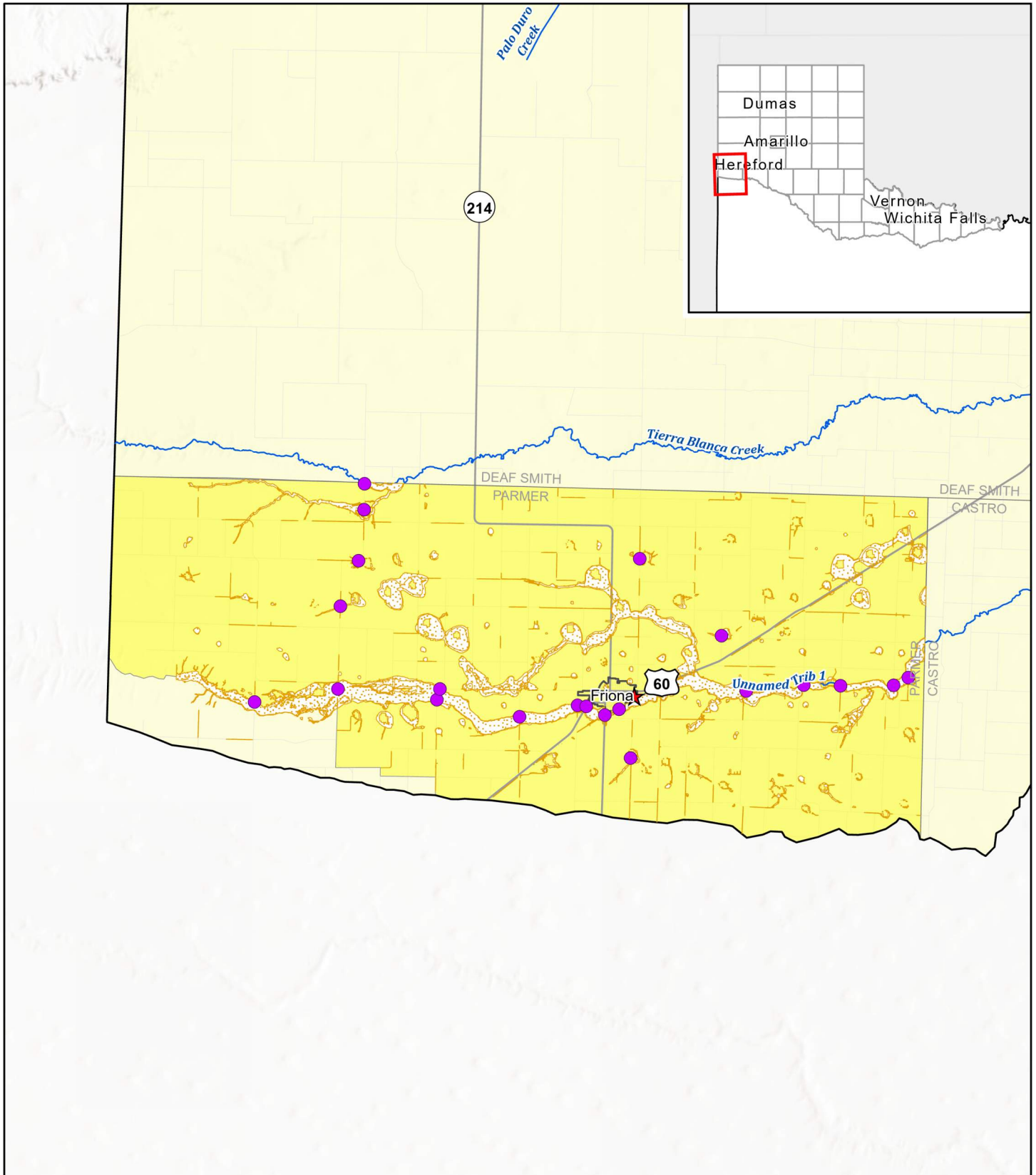
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Region 1: Canadian - Upper Red

Deaf Smith County

Existing Condition Vulnerability and Critical Infrastructure





Legend

- ★ Existing Critical Facility
 - Exposed Roadway Crossing
 - Exposed Agricultural Land
 - Exposed Buildings
 - Reservoirs
- Social Vulnerability Index
- SVI < 0.75
 - SVI >= 0.75



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DATE CREATED	6/15/2023
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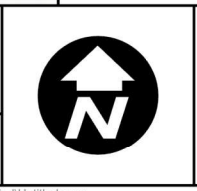
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FRESE & NICHOLS
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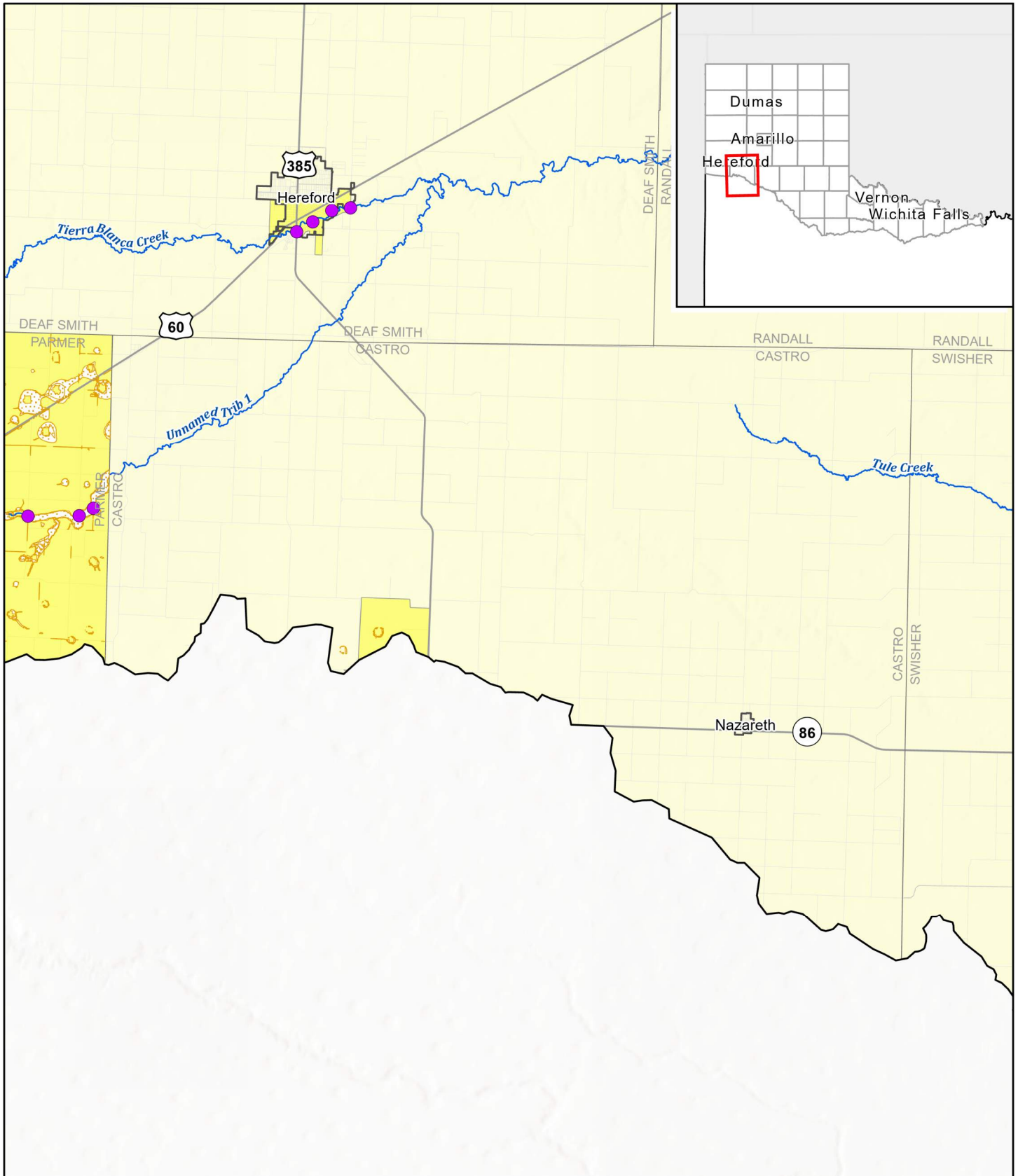
Region 1: Canadian - Upper Red

Parmer County

Existing Condition Vulnerability and Critical Infrastructure



Map 7
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Legend

- Exposed Roadway Crossing
- Exposed Buildings
- Reservoirs
- Social Vulnerability Index
SVI < 0.75
- SVI >= 0.75
- Exposed Agricultural Land



FN PROJECT NO.	PPC21323
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DATUM & COORDINATE SYSTEM	UTM 18Q UTM Zone 18Q North, NAD 83
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PREPARED BY	HDO

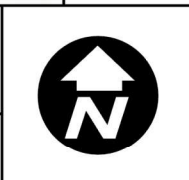
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Region 1: Canadian - Upper Red

Castro County

Existing Condition Vulnerability and Critical Infrastructure





Legend

- Exposed Roadway Crossing
- Exposed Buildings
- Exposed Agricultural Land
- Reservoirs
- SVI < 0.75
- SVI >= 0.75



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DATE CREATED	6/15/2023
DATUM & COORDINATE SYSTEM	UNTITLED
FILE NAME	UNTITLED
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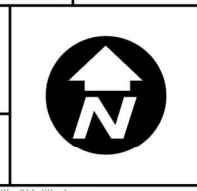
REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

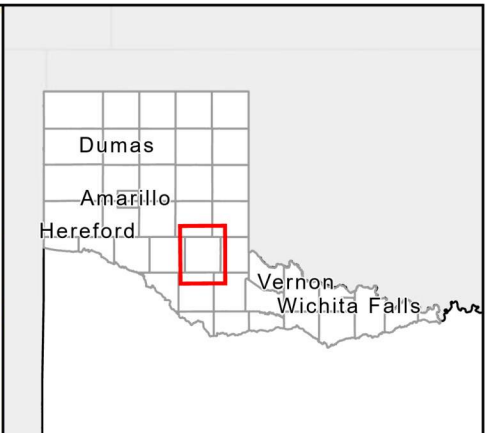
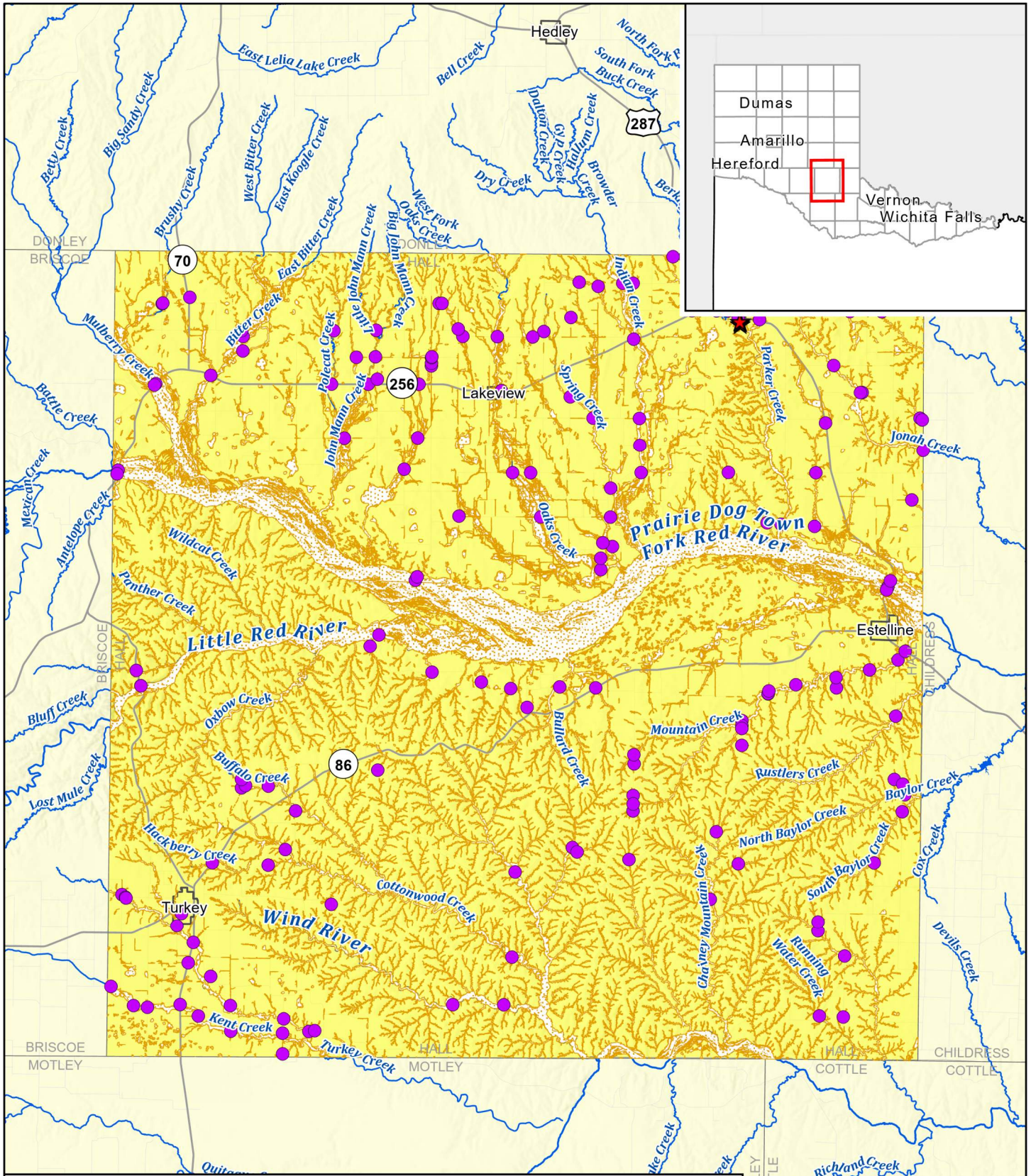
FREESSE & NICHOLS
801 Cherry St. Suite 2800
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Region 1: Canadian - Upper Red

Swisher County

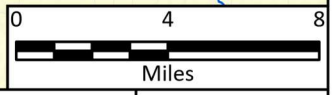
Existing Condition Vulnerability and Critical Infrastructure





Legend

- ★ Existing Critical Facility
- Exposed Agricultural Land
- Reservoirs
- Social Vulnerability Index
- Exposed Roadway Crossing
- Exposed Buildings
- SVI < 0.75
- SVI >= 0.75



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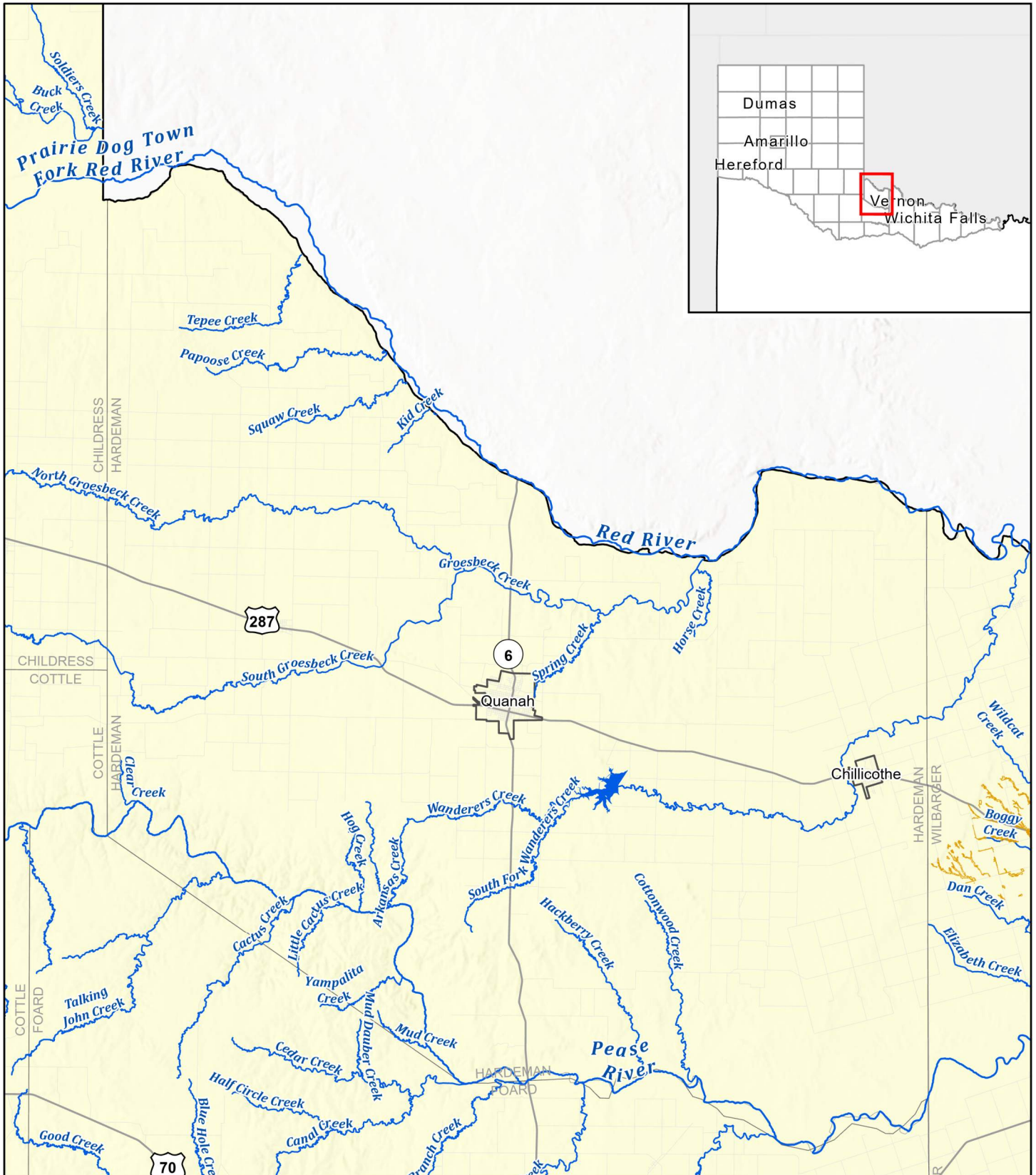
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Region 1: Canadian - Upper Red

Hall County

Existing Condition Vulnerability and Critical Infrastructure





Legend

- Exposed Agricultural Land
- Reservoirs
- Social Vulnerability Index
 - SVI < 0.75

0 4 8
Miles

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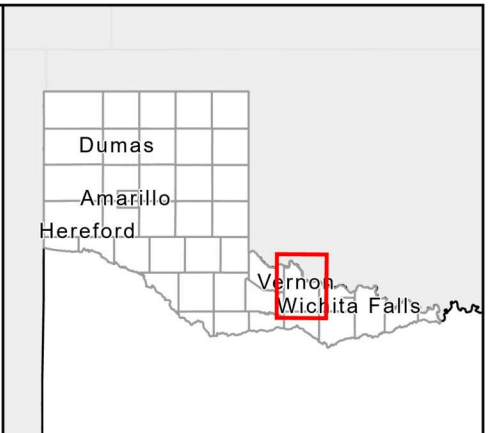
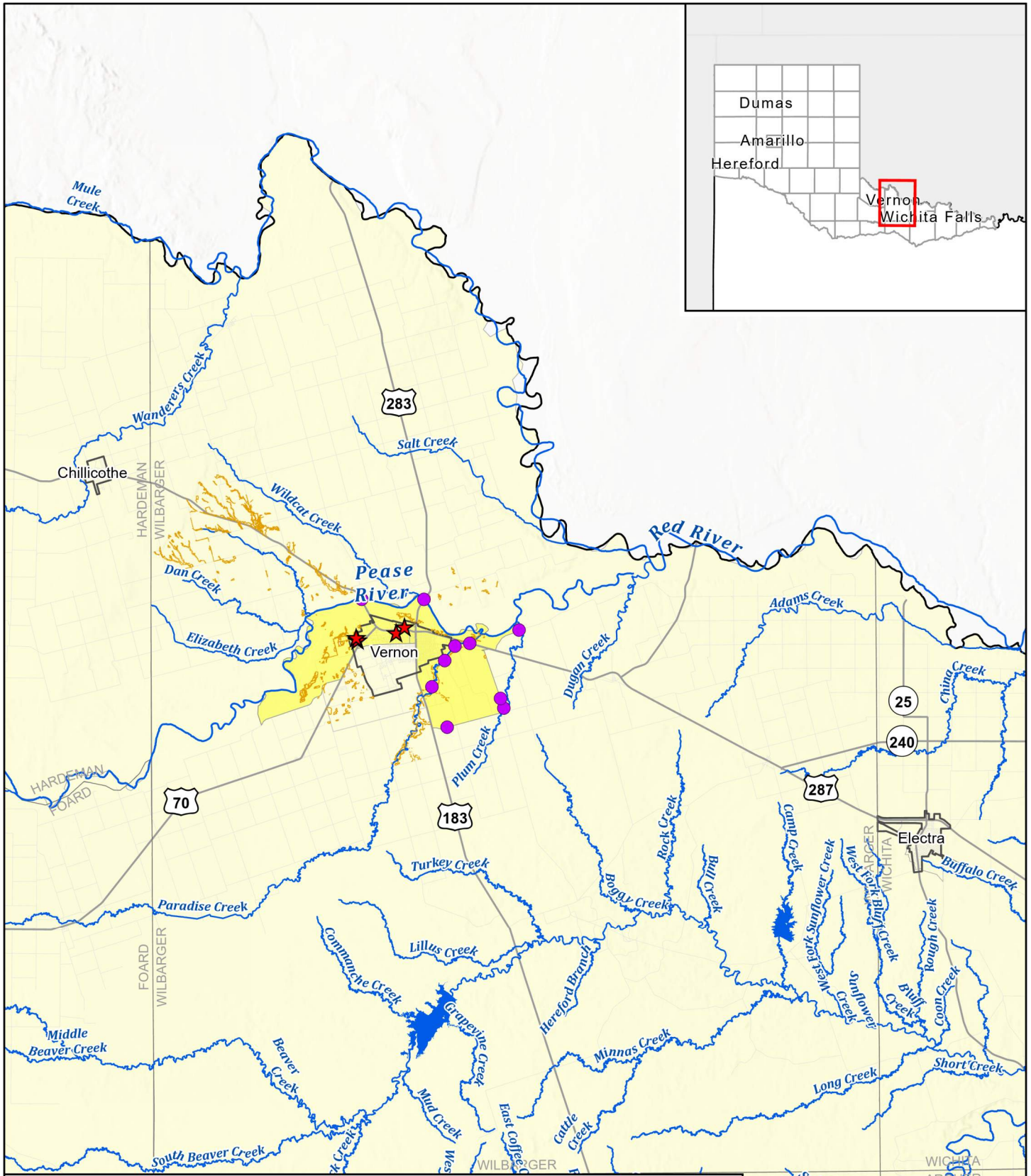
801 Cherry St. Suite 2800
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Region 1: Canadian - Upper Red

Hardeman County

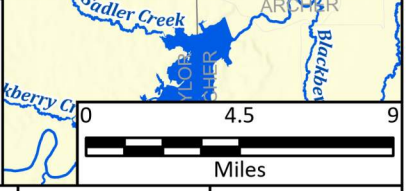
Existing Condition Vulnerability and Critical Infrastructure





Legend

Existing Critical Facility	Exposed Agricultural Land	Reservoirs	Social Vulnerability Index
Exposed Roadway Crossing	Exposed Buildings		SVI < 0.75
			SVI >= 0.75



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FILE NAME	Untitled
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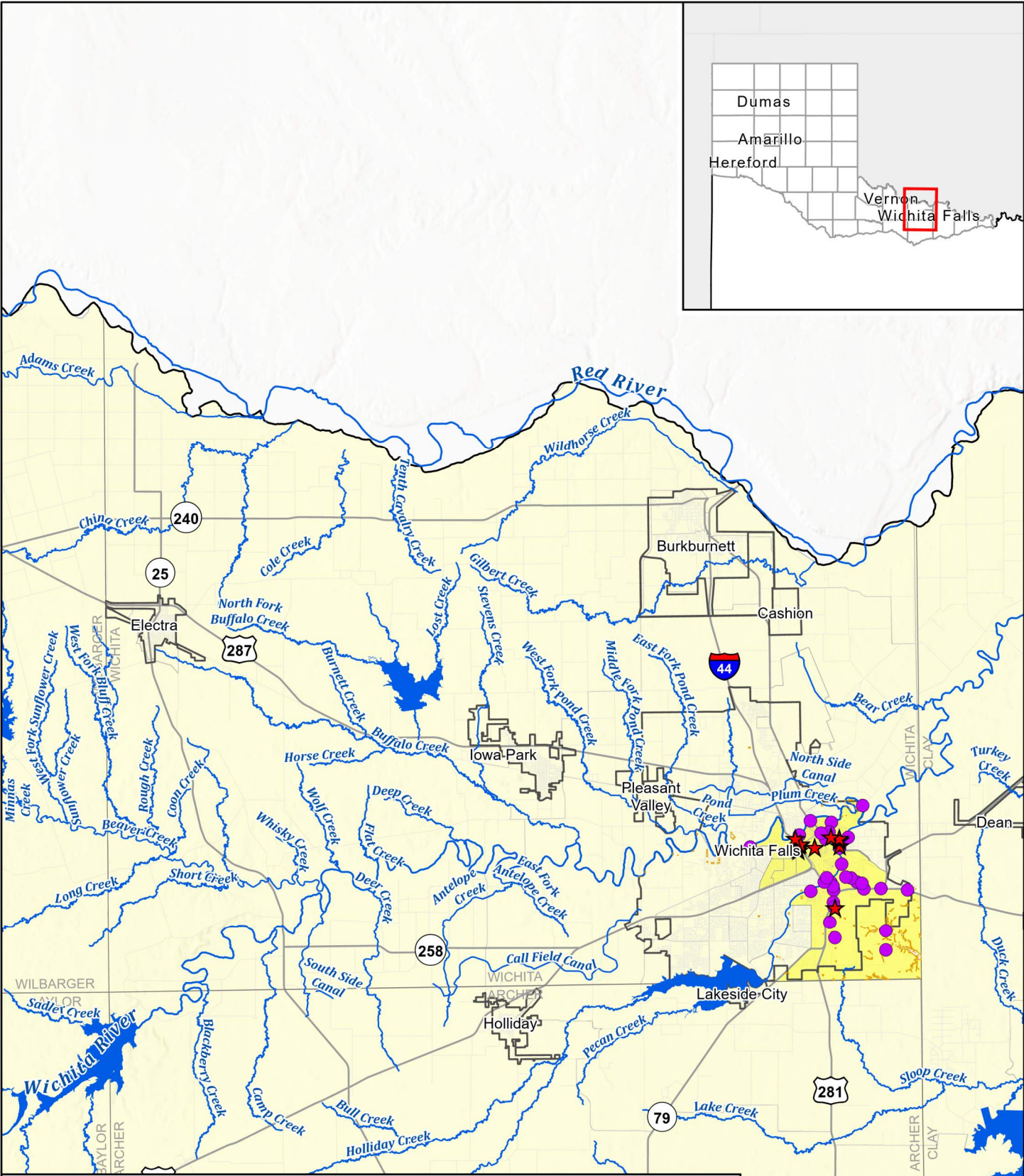
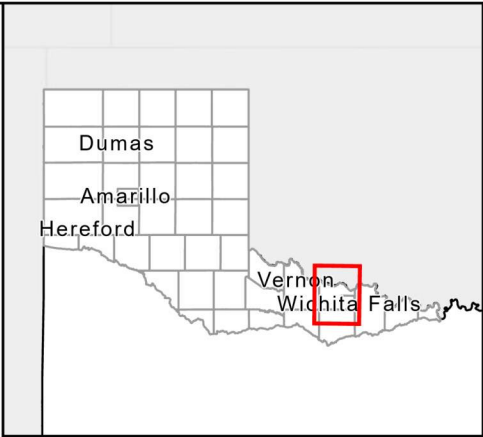
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Region 1: Canadian - Upper Red

Wilbarger County

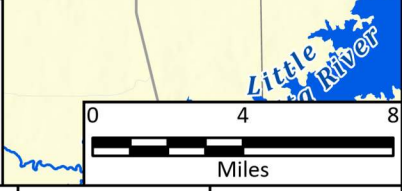
Existing Condition Vulnerability and Critical Infrastructure





Legend

- ★ Existing Critical Facility
- Exposed Roadway Crossing
- Exposed Agricultural Land
- Exposed Buildings
- Reservoirs
- Social Vulnerability Index
 - SVI < 0.75
 - SVI >= 0.75



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FILE NAME	Untitled
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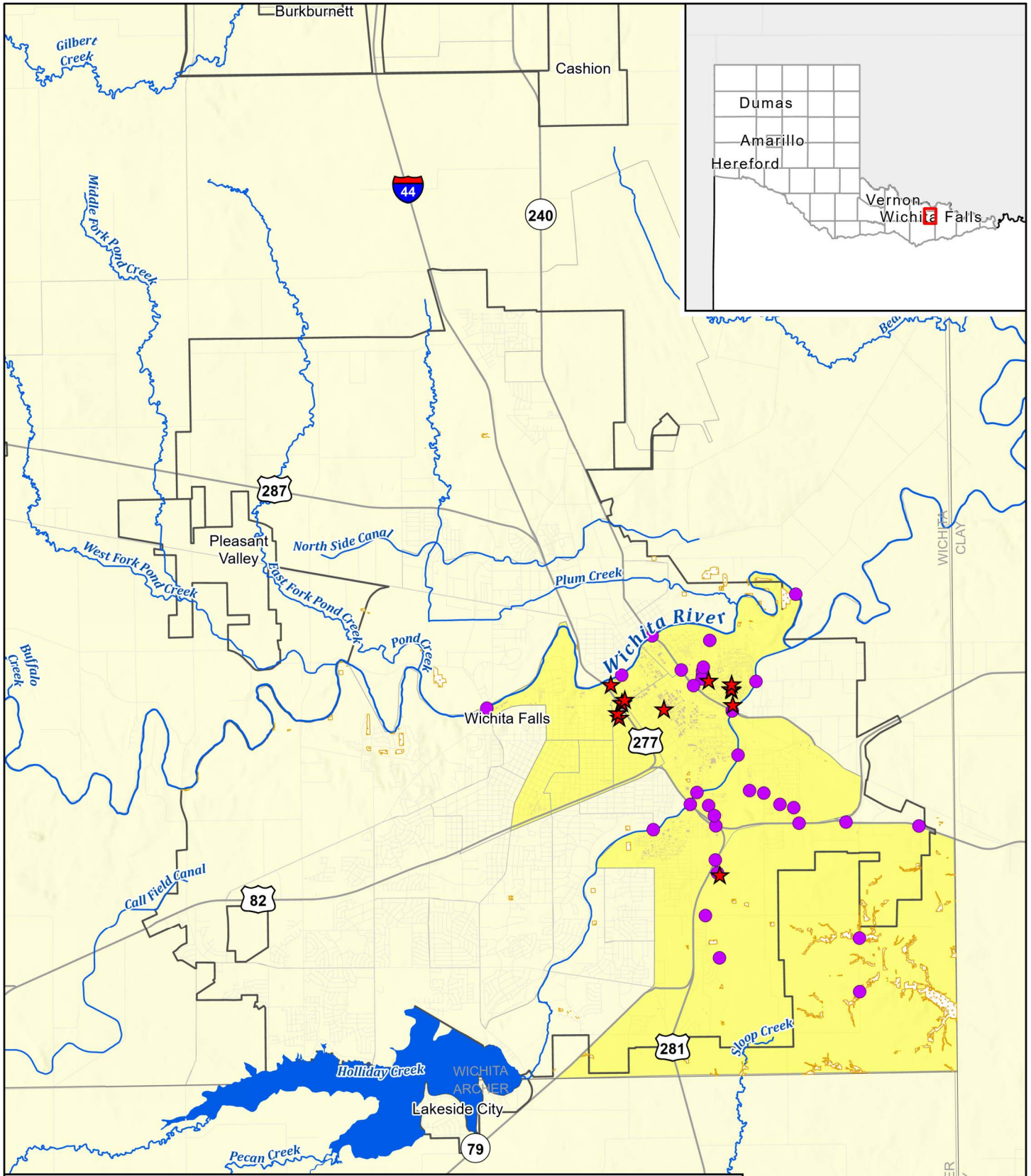
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Wichita County

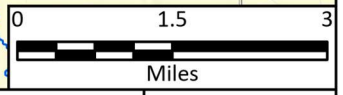
Existing Condition Vulnerability and Critical Infrastructure





Legend

- Existing Critical Facility
- Exposed Agricultural Land
- Reservoirs
- Social Vulnerability Index**
- Exposed Roadway Crossing
- Exposed Buildings
- SVI < 0.75
- SVI >= 0.75



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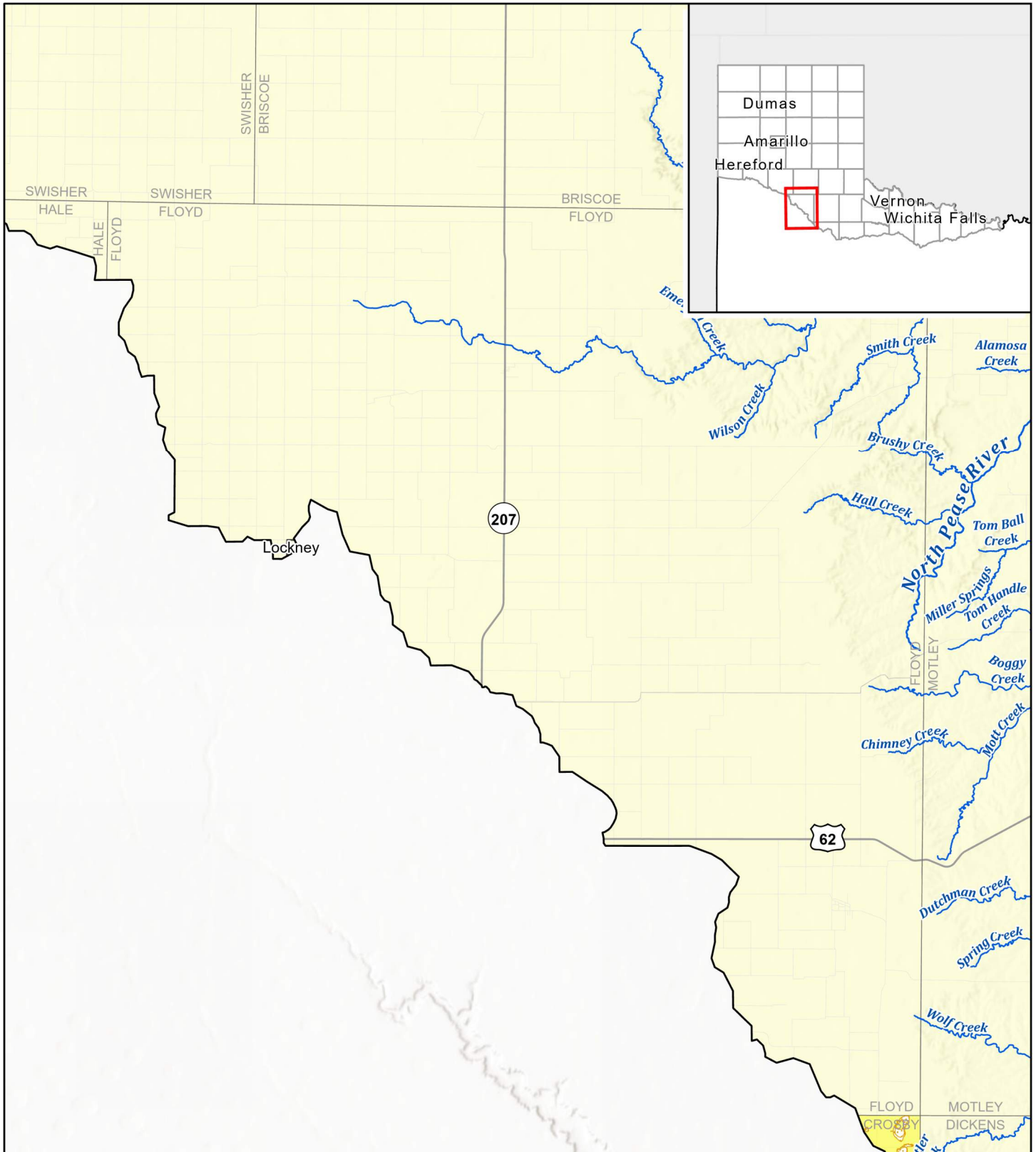
Region 1: Canadian - Upper Red

City of Wichita Falls

Existing Condition Vulnerability and Critical Infrastructure



Map 7
15 of 17



Legend

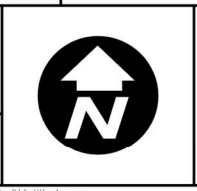
- Exposed Agricultural Land
- Reservoirs
- Social Vulnerability Index
- SVI < 0.75
- SVI >= 0.75



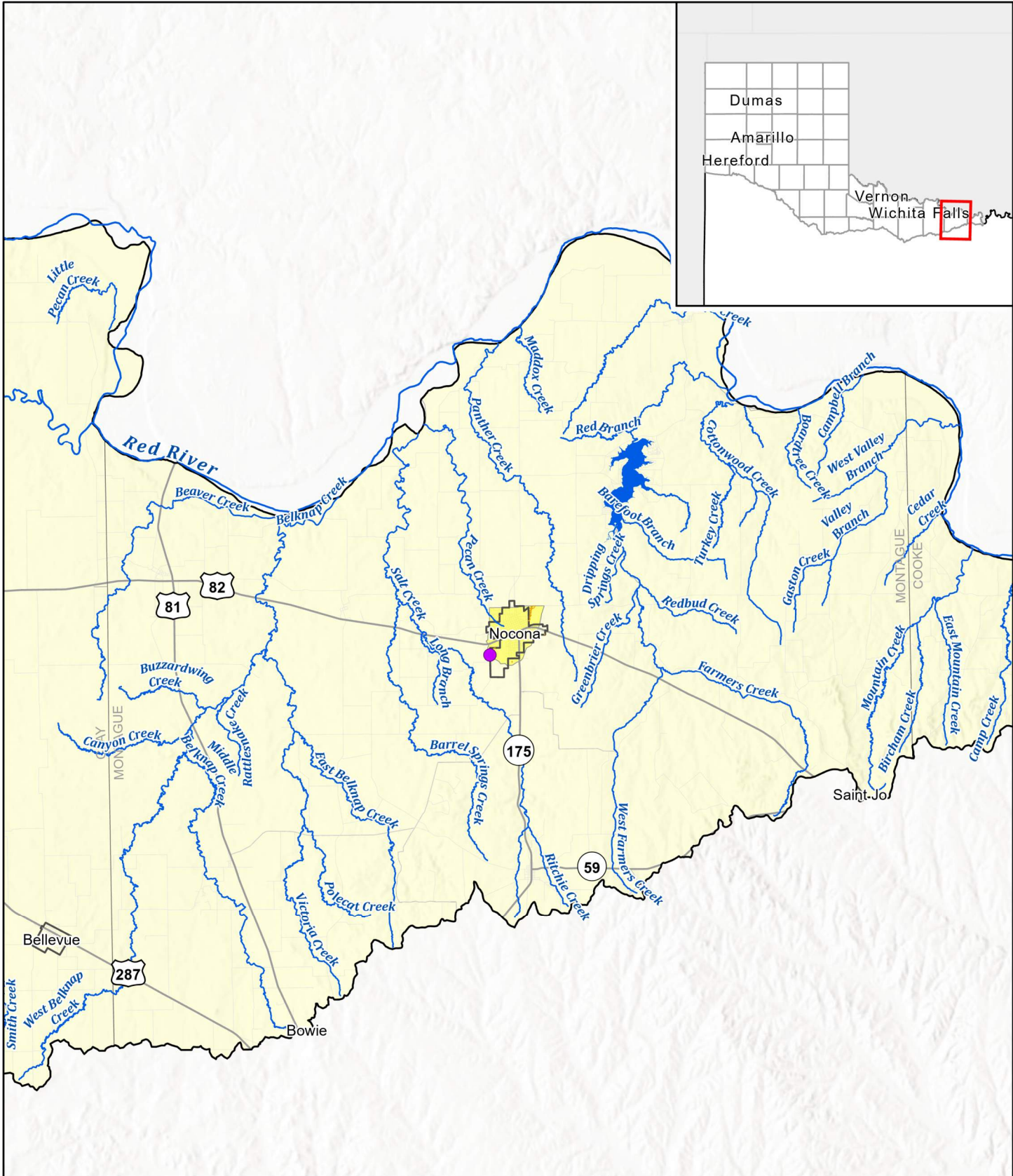
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PREPARED BY	HDO

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Region 1: Canadian - Upper Red
Floyd County
 Existing Condition Vulnerability and
 Critical Infrastructure

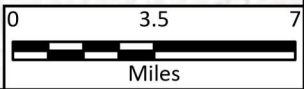


Map 7
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Legend

- Exposed Roadway Crossing
- Exposed Agricultural Land
- Reservoirs
- Social Vulnerability Index
- SVI < 0.75
- SVI >= 0.75
- Exposed Buildings



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Region 1: Canadian - Upper Red

Montague County

Existing Condition Vulnerability and Critical Infrastructure



Map 7
17 of 17