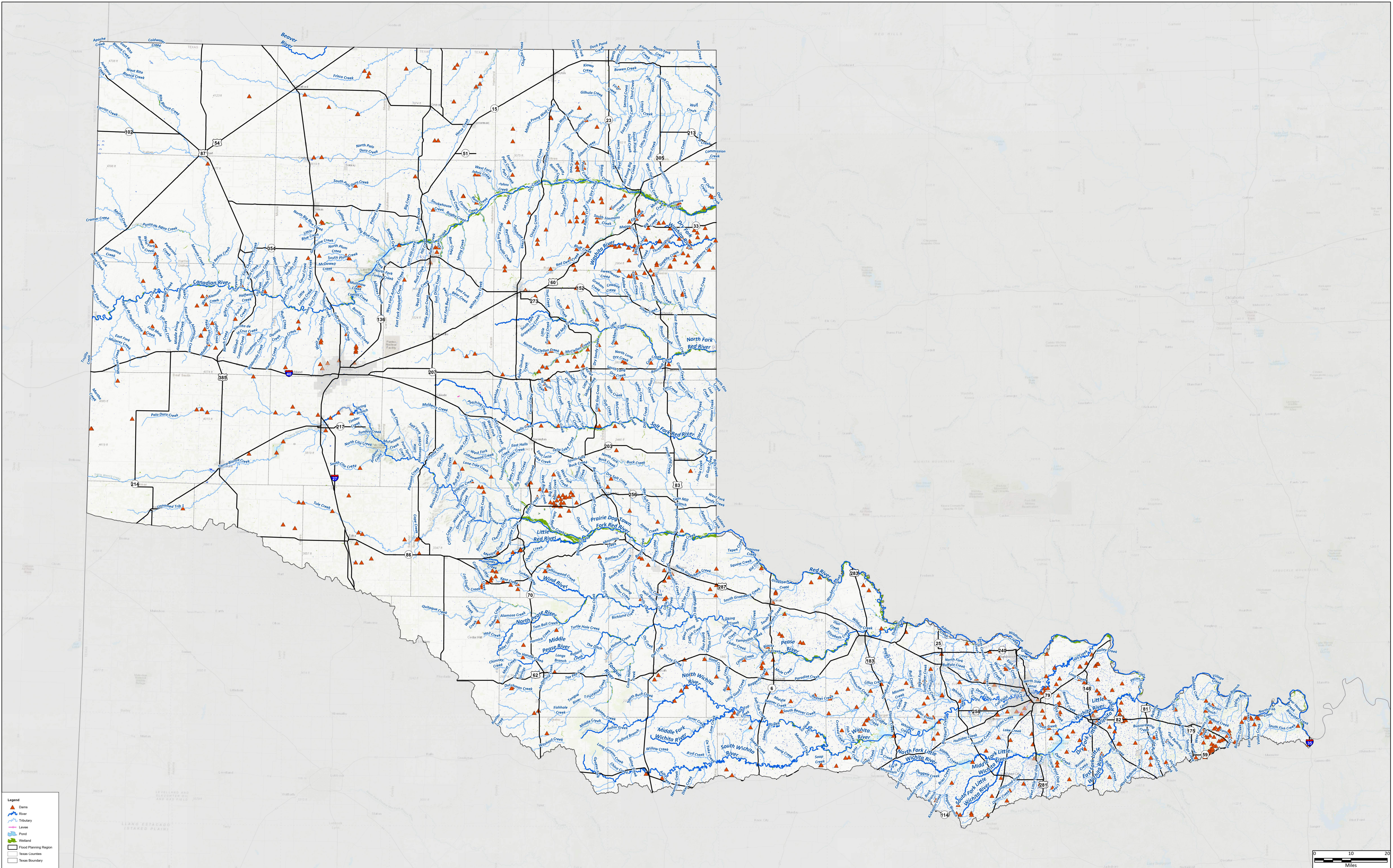


Appendix A-1 | A-1.1

Map 1 – Existing Flood Infrastructure

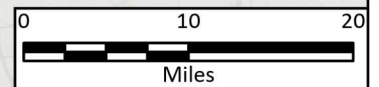


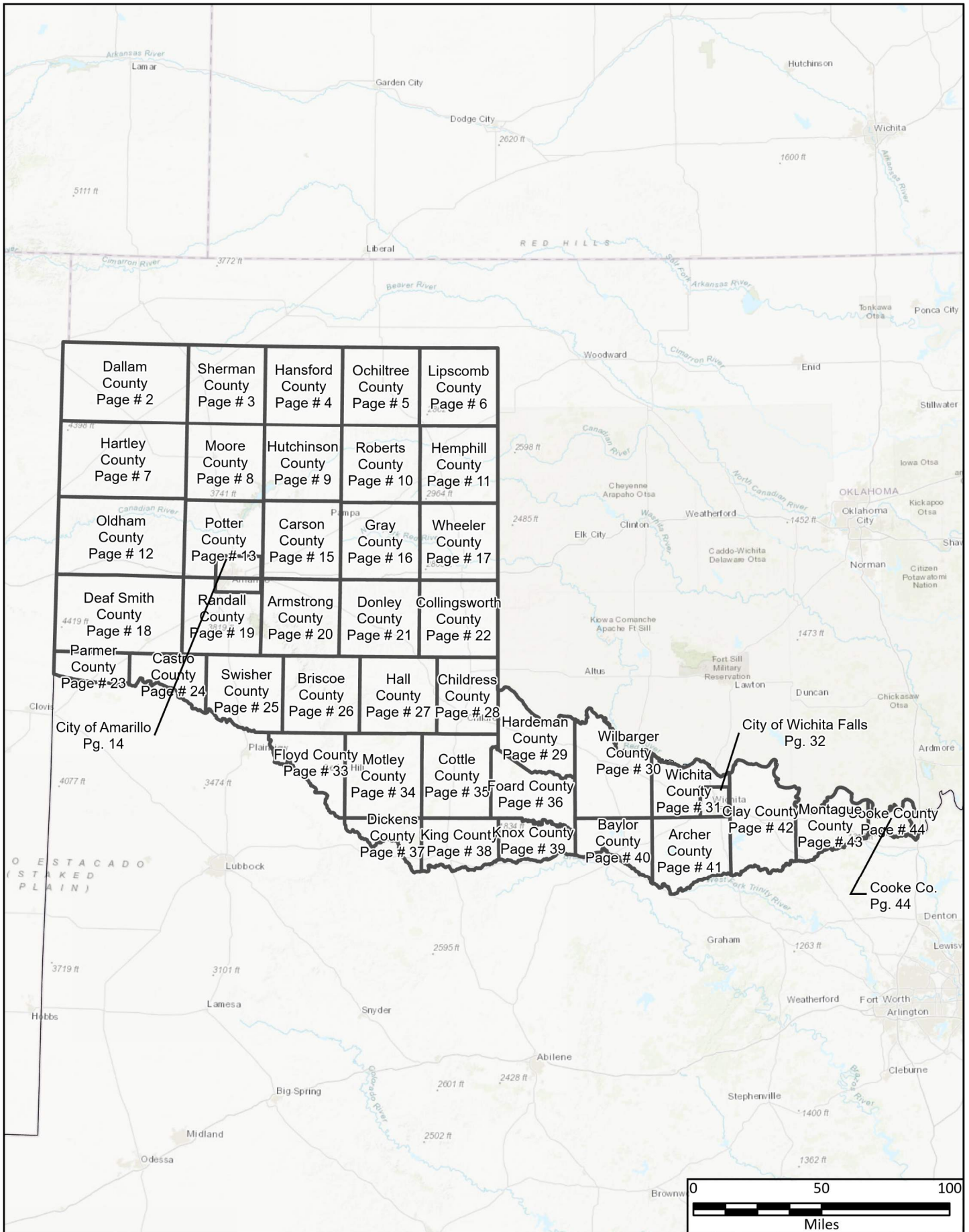
- Legend**
- Dams
 - River
 - Tributary
 - Levee
 - Pond
 - Wetland
 - Flood Planning Region
 - Texas Counties
 - Texas Boundary

PROJECT NO: 20240101
 DATE CREATED: 11/15/2024
 DATA & COORDINATE SYSTEM: NAD83
 FILE NAME: 20240101_Region 1 - Canadian - Upper Red
 PREPARED BY: JLN
 OFFICE: (817) 325-2300



Region 1: Canadian - Upper Red
Existing Flood Infrastructure





PROJECT NO.	PPC21323
DATE CREATED	6/14/2023
DATUM & COORDINATE SYSTEM	NAAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

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

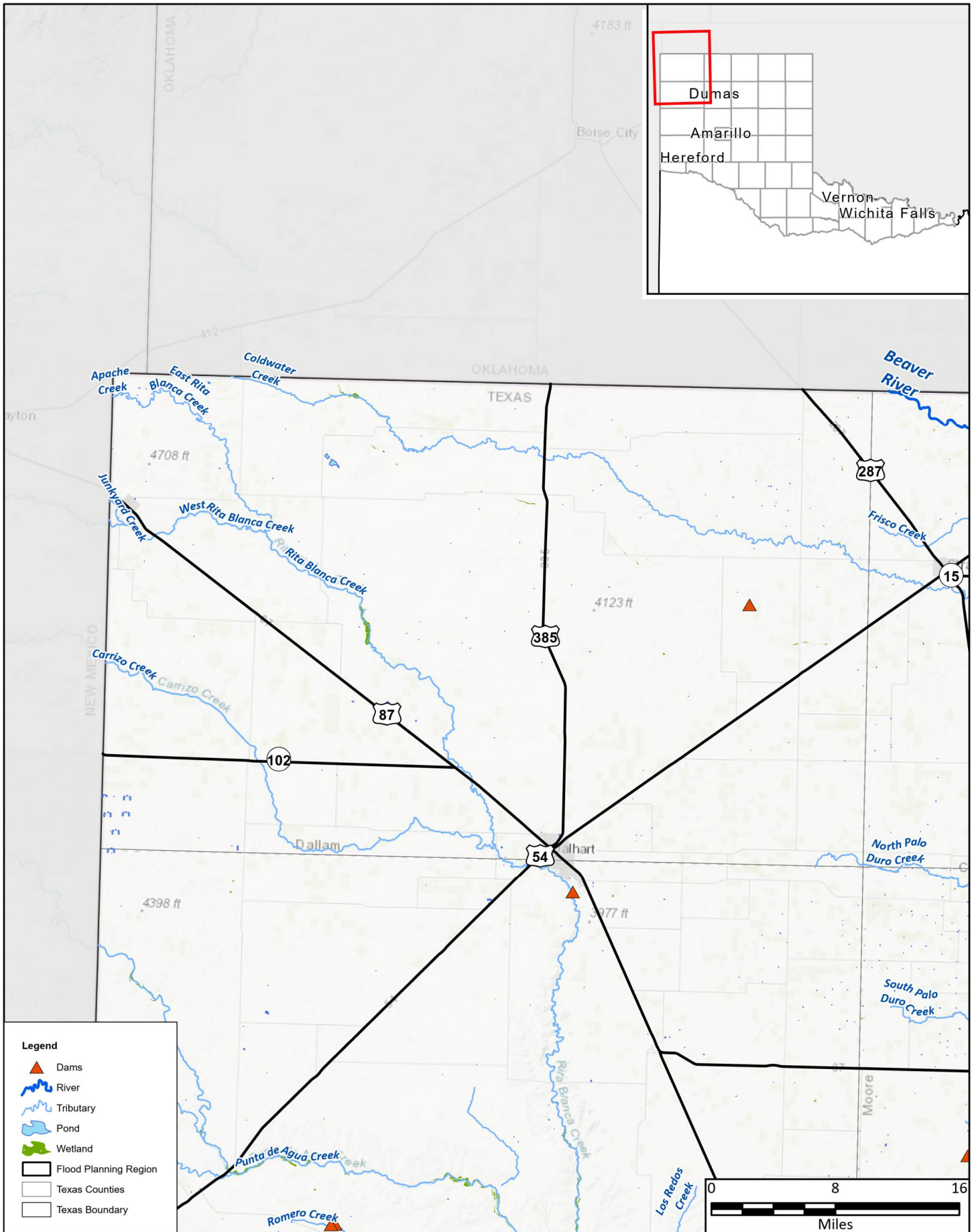
Region 1: Canadian - Upper Red

Map Index

Existing Flood Infrastructure



Map 1
 Figure
 1 of 44



Legend

- Dams
- River
- Tributary
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary

PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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

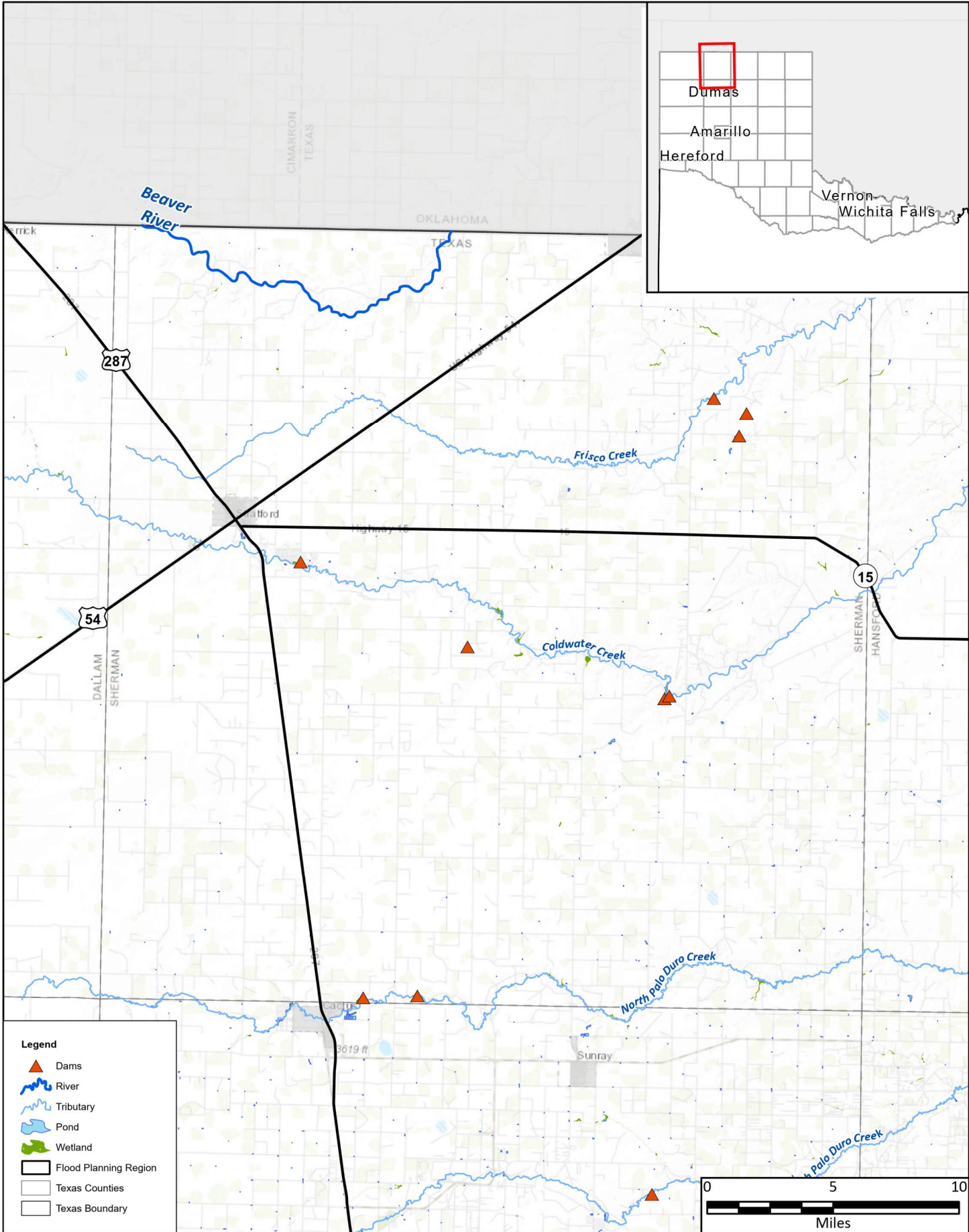
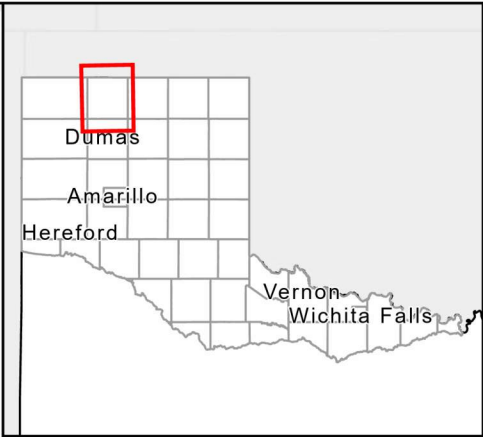
Region 1: Canadian - Upper Red

Dallam County

Existing Flood Infrastructure



Map 1
2 of 44



PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System (unpublished)
FILE NAME	Untitled
PREPARED BY	AMJ

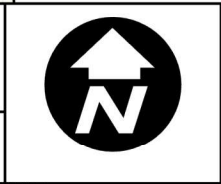
REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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

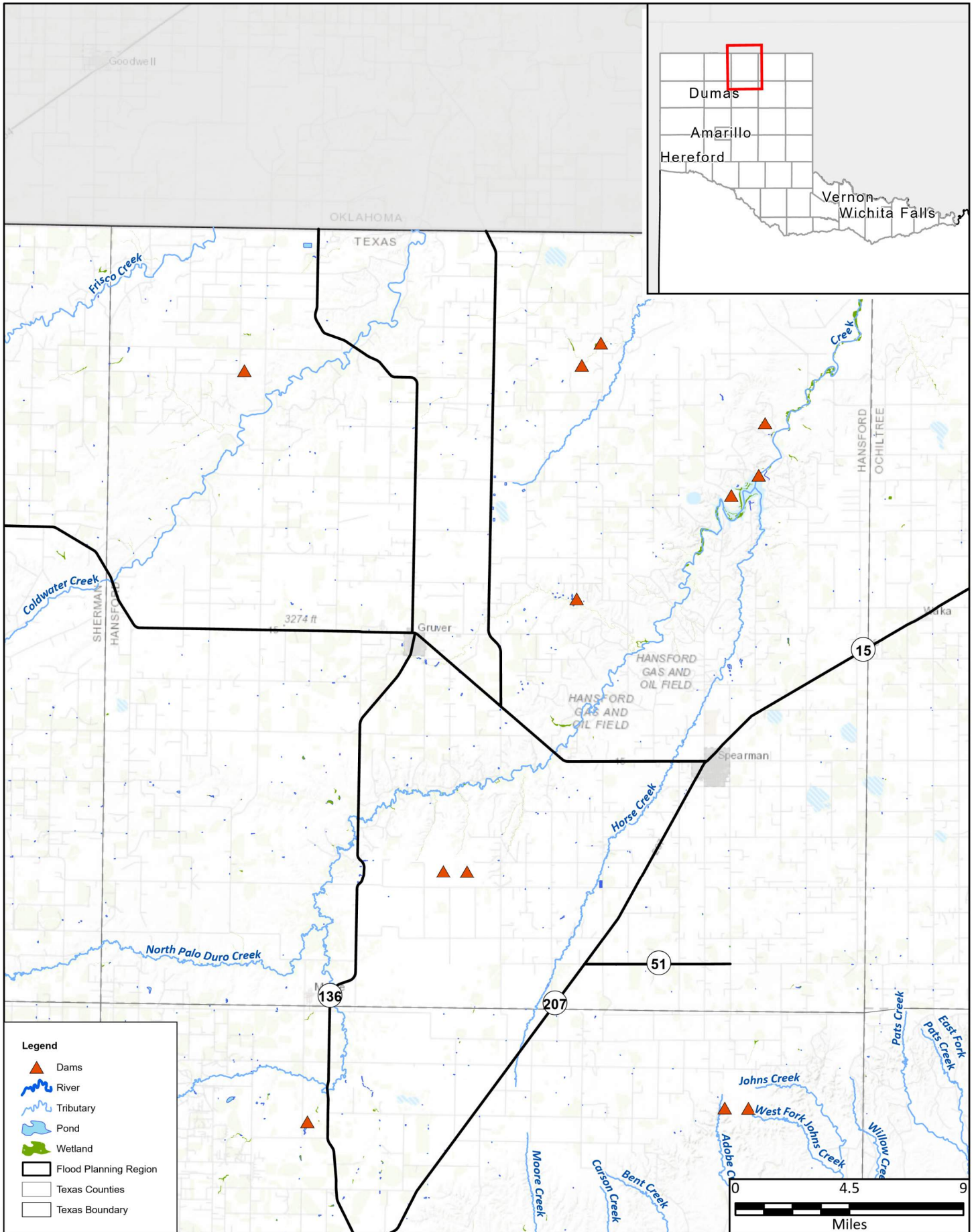
Region 1: Canadian - Upper Red

Sherman County

Existing Flood Infrastructure



Map 1
3 of 44

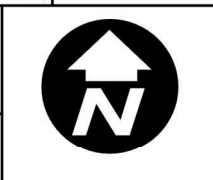


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DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lambert
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PREPARED BY	AMJ

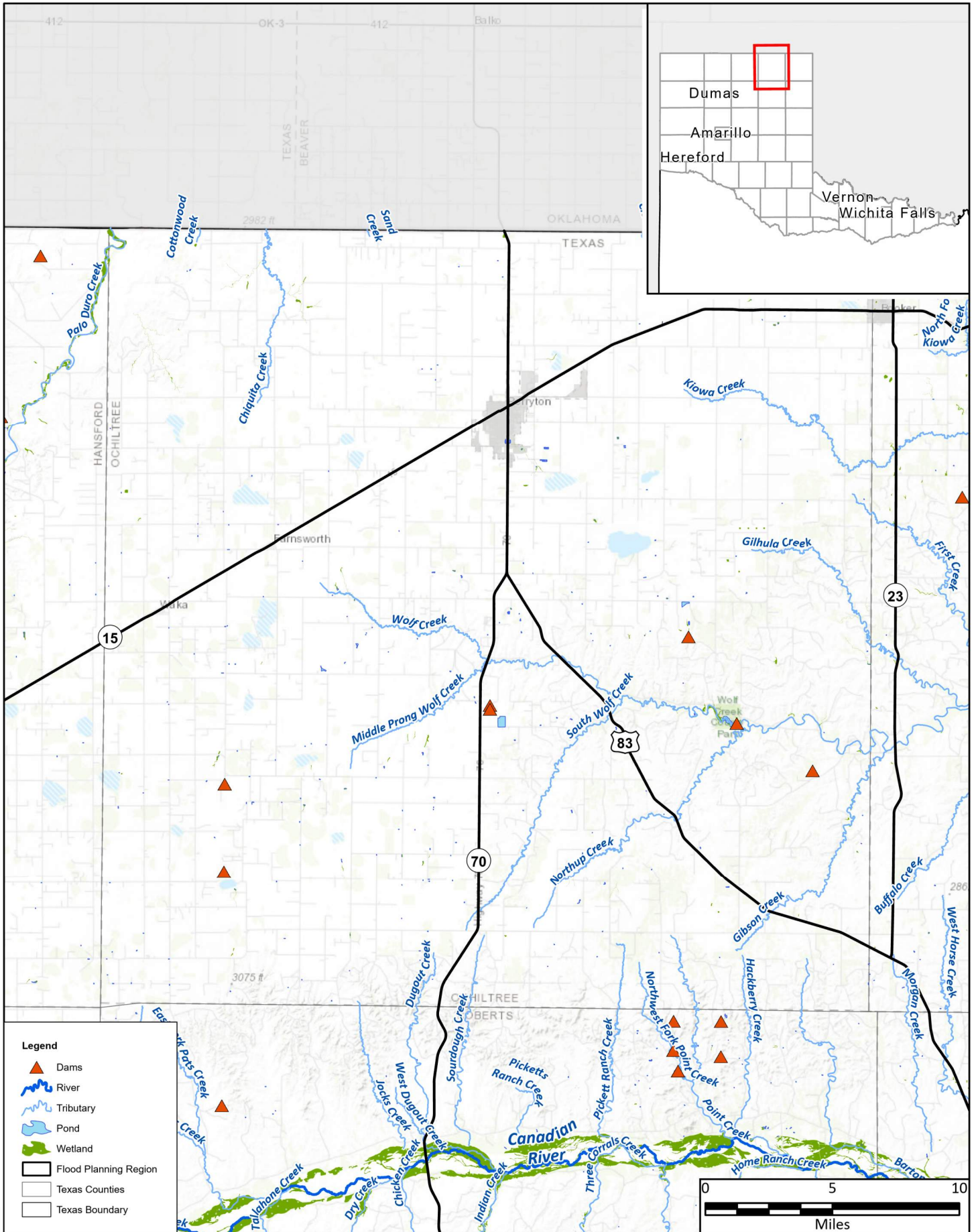
REGION CANADIAN UPPER RED
 REGIONAL FLOOD PLANNING GROUP

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

Region 1: Canadian - Upper Red
Hansford County
 Existing Flood Infrastructure



Map 1
 4 of 44



Legend

- Dams
- River
- Tributary
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary



PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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

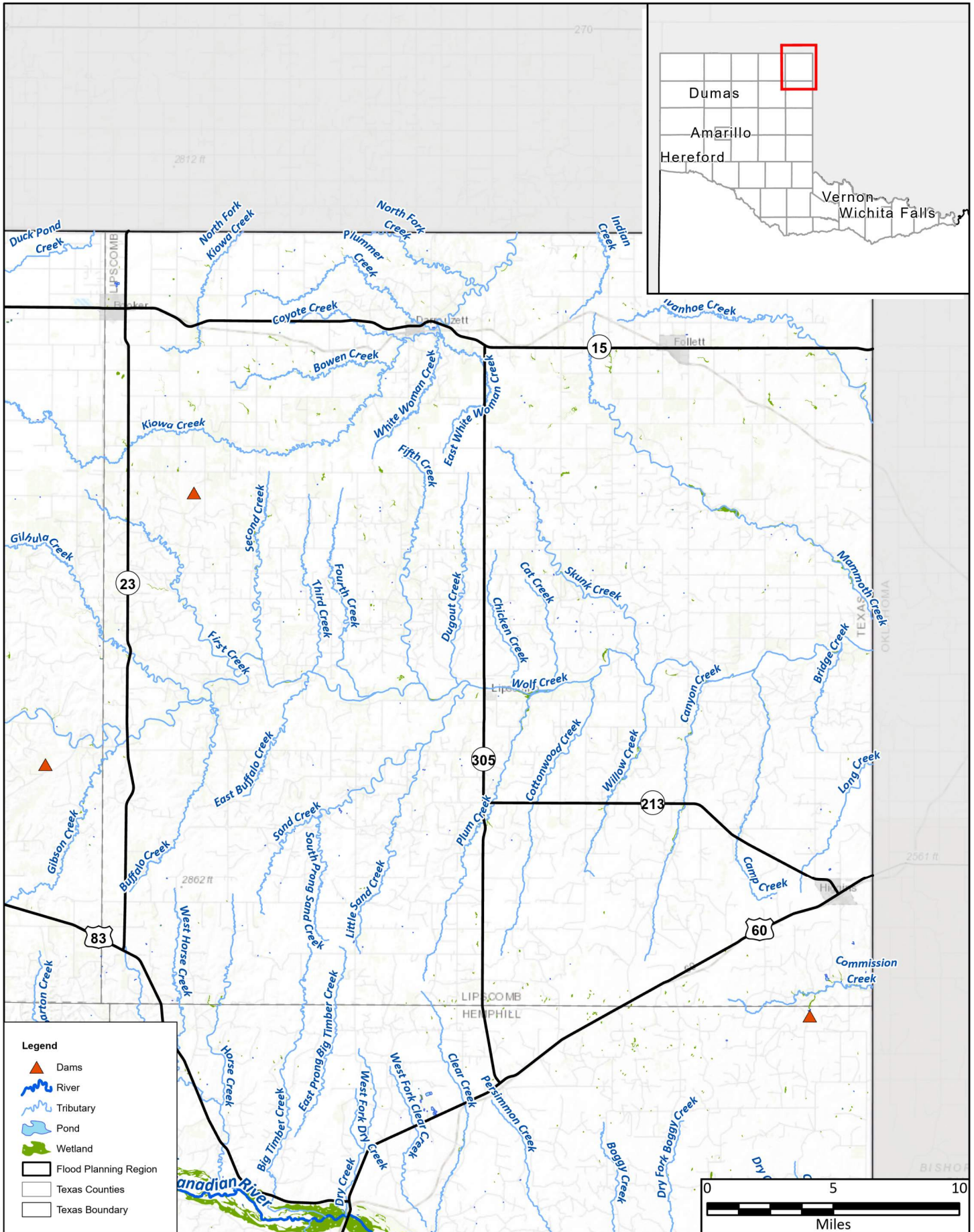
Region 1: Canadian - Upper Red

Ochiltree County

Existing Flood Infrastructure



Map 1
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PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

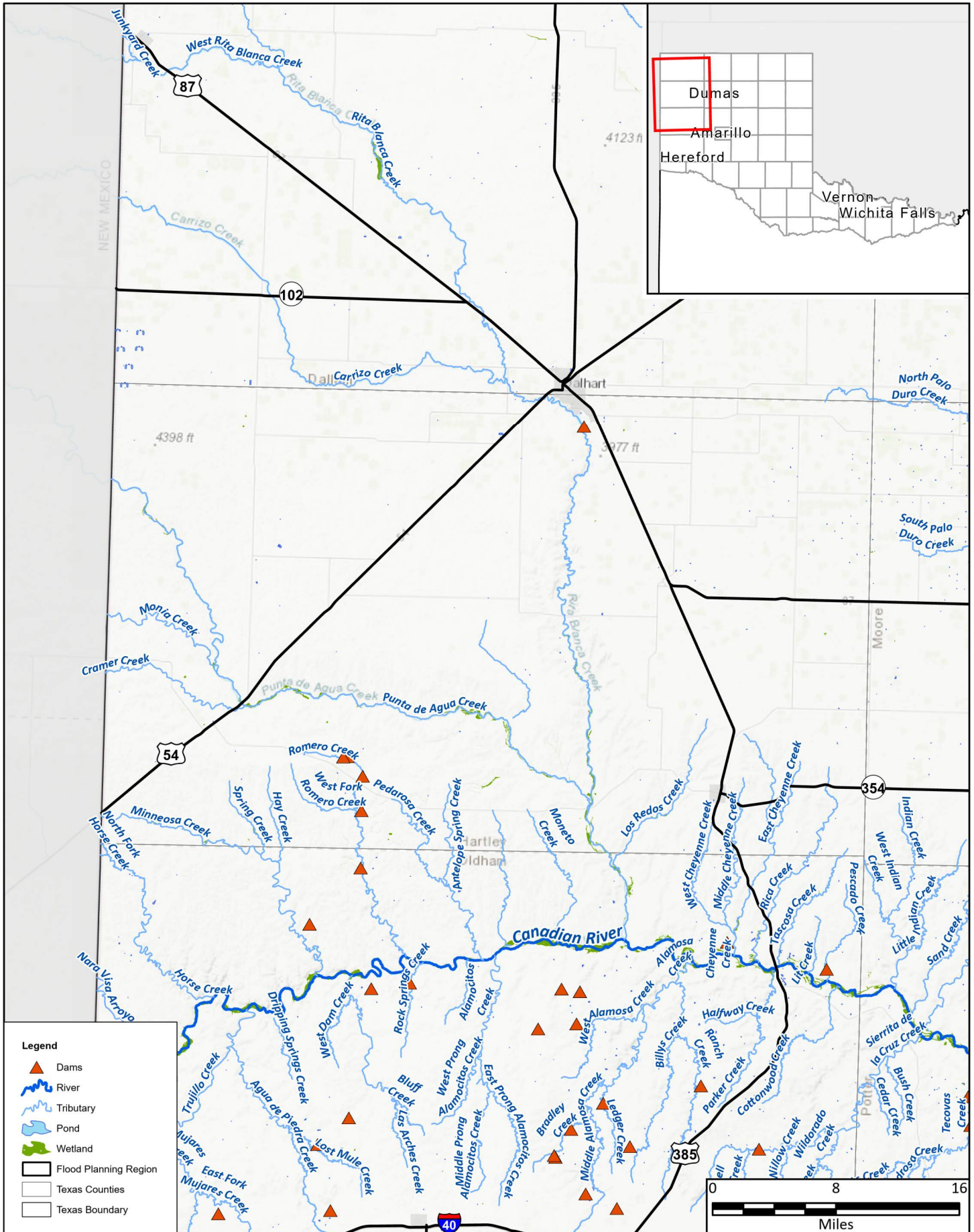
REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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

Region 1: Canadian - Upper Red
Lipscomb County
Existing Flood Infrastructure



Map 1
6 of 44



PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAAD 1983 2011 Texas Central Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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

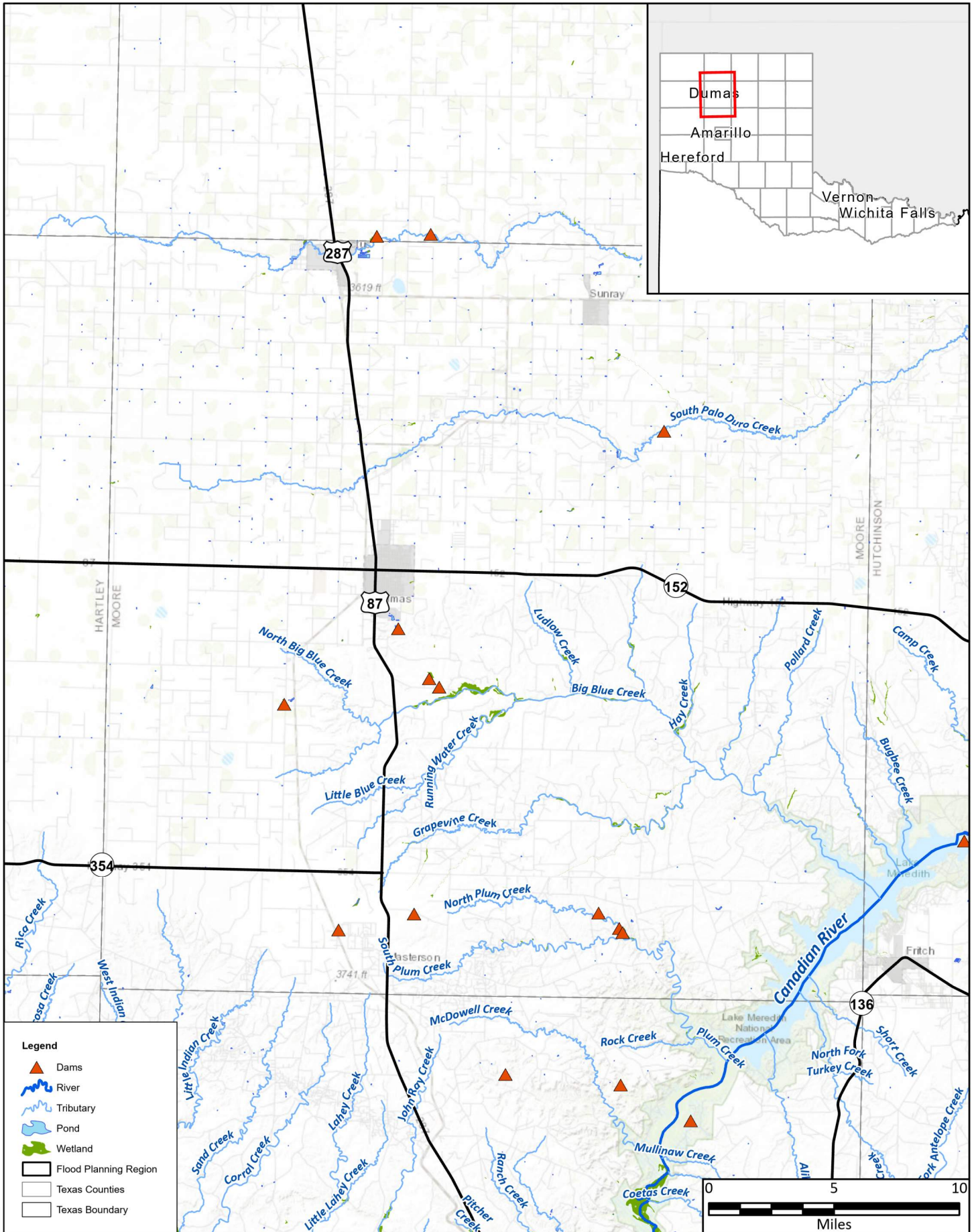
Region 1: Canadian - Upper Red

Hartley County

Existing Flood Infrastructure



Map 1
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Legend

- Dams
- River
- Tributary
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary

PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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

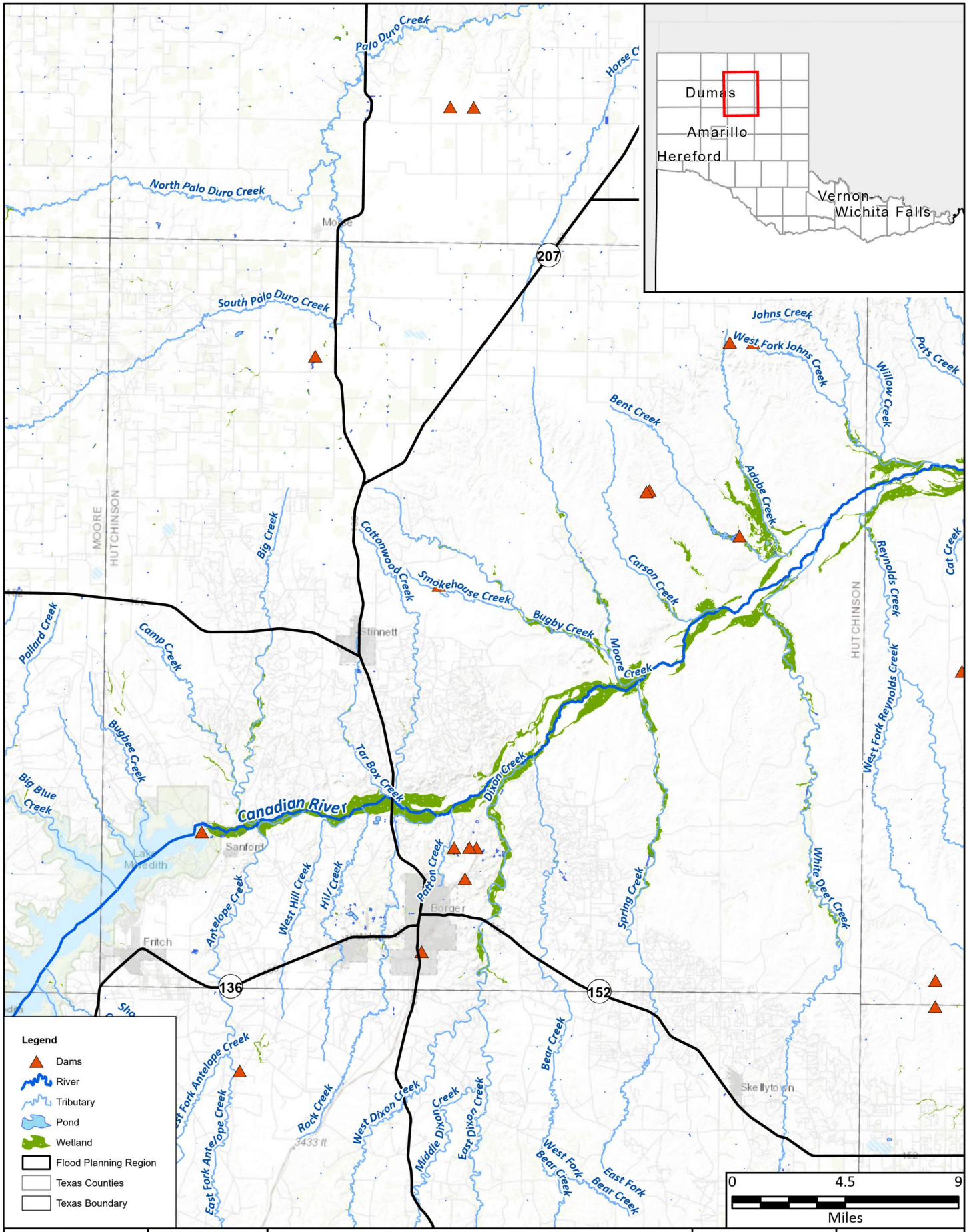
Region 1: Canadian - Upper Red

Moore County

Existing Flood Infrastructure



Map 1
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Legend

- Dams
- River
- Tributary
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary

PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lenthorn
FILE NAME	Untitled
PREPARED BY	AMJ

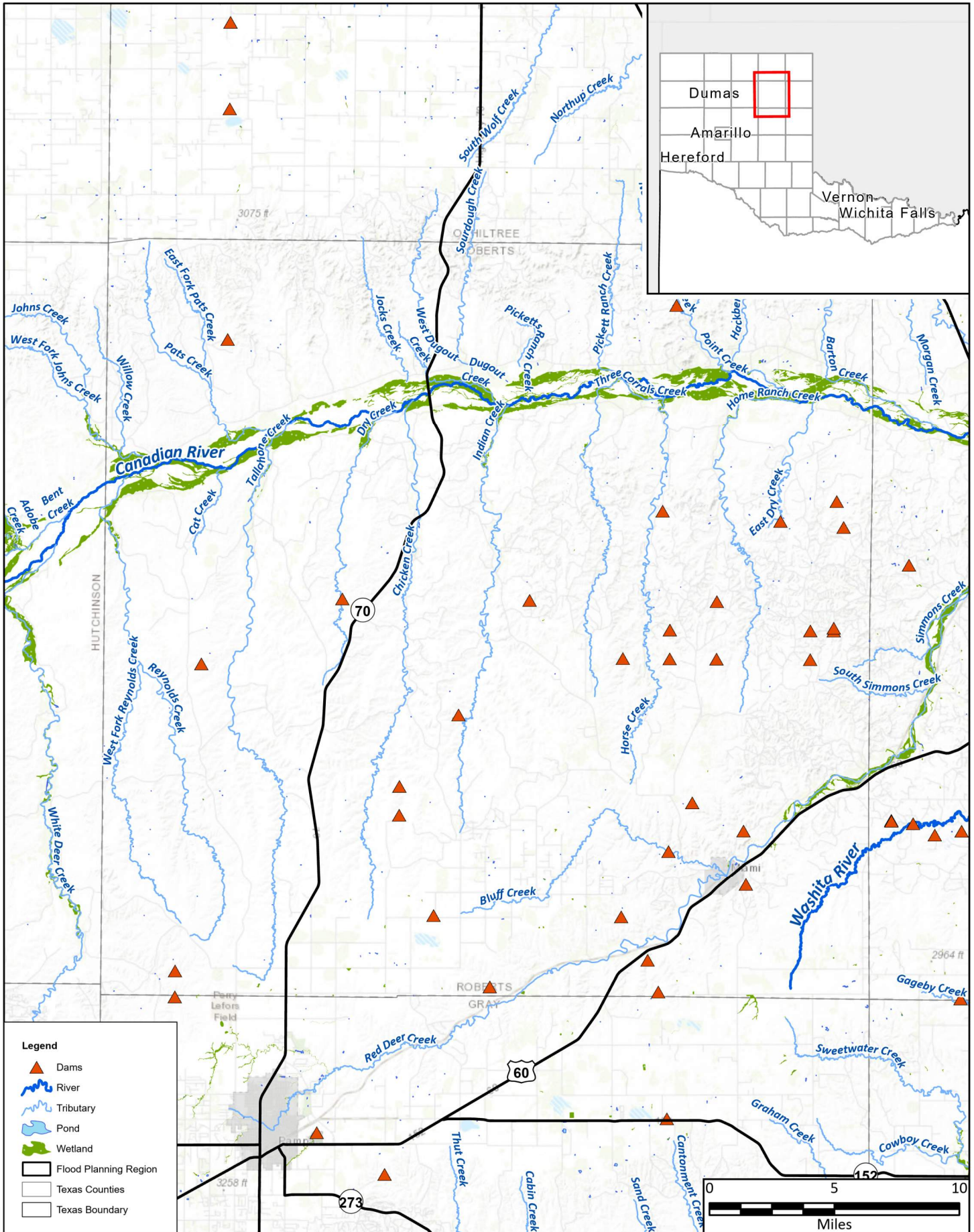
REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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

Region 1: Canadian - Upper Red
Hutchinson County
Existing Flood Infrastructure



Map 1
9 of 44



Legend

- Dams
- River
- Tributary
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary

PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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

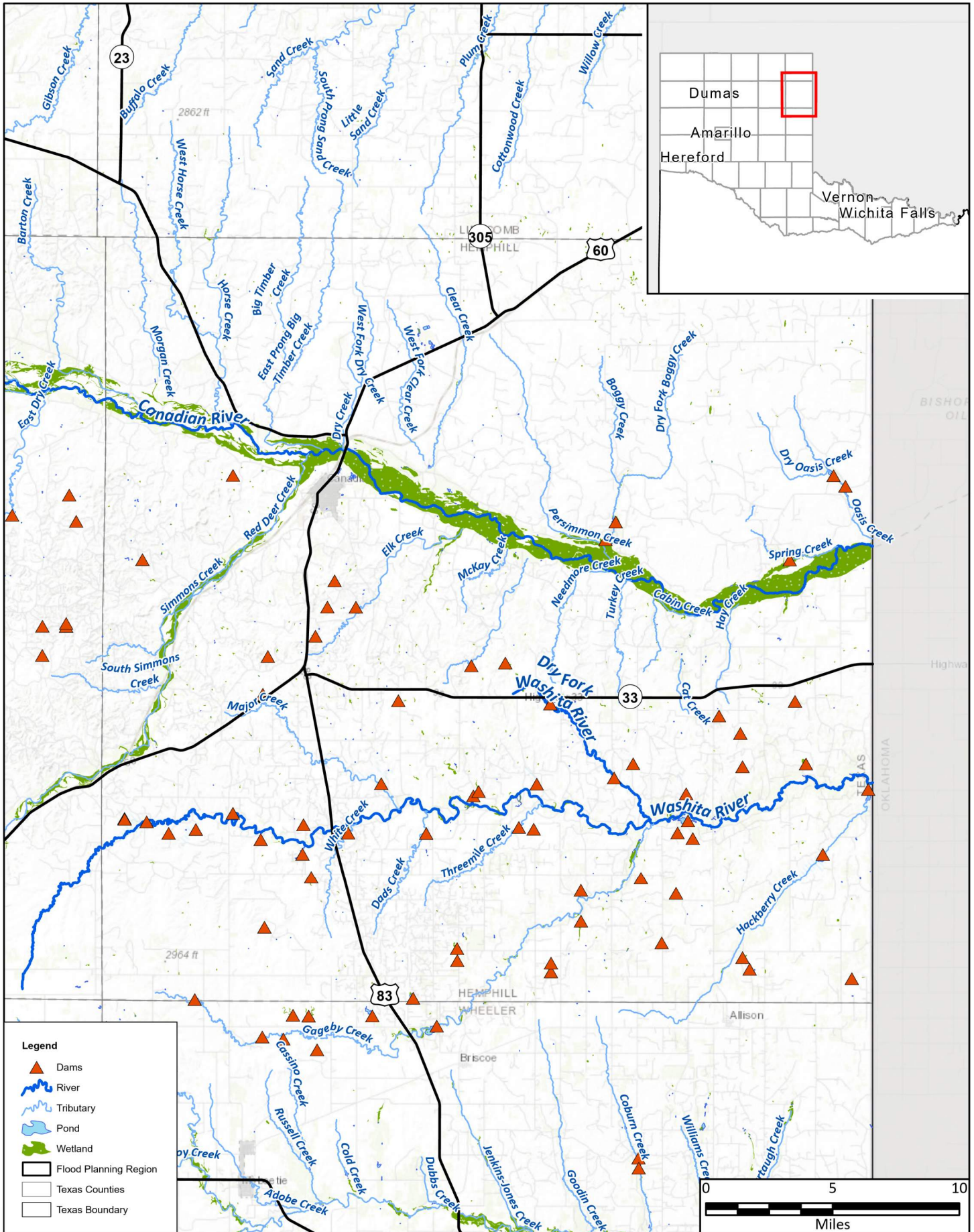
Region 1: Canadian - Upper Red

Roberts County

Existing Flood Infrastructure

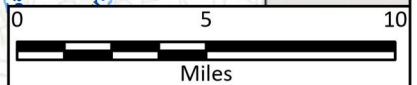


Map 1
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Legend

- Dams
- River
- Tributary
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary



PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lenth
FILE NAME	Untitled
PREPARED BY	AMJ

REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE & NICHOLS

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

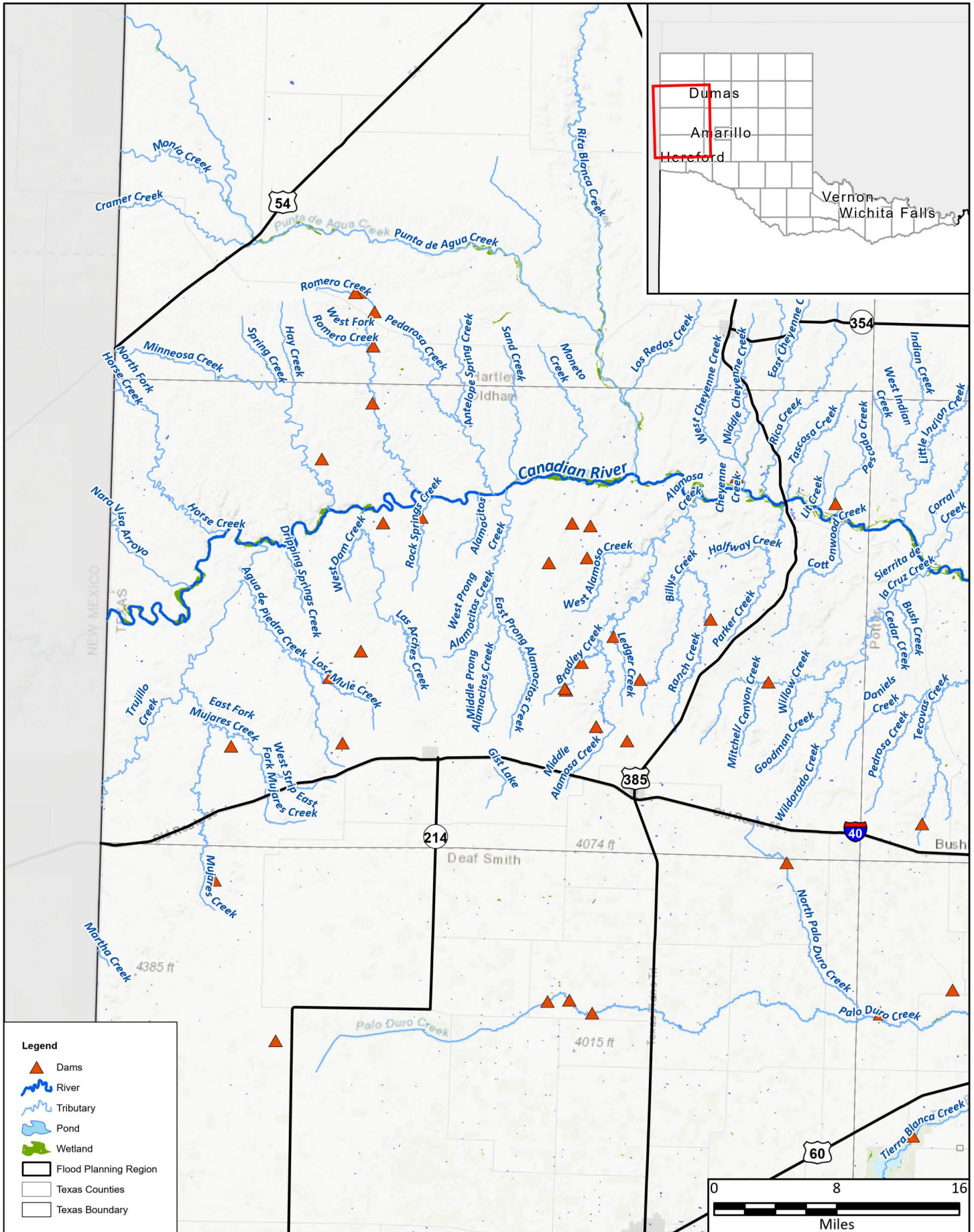
Region 1: Canadian - Upper Red

Hemphill County

Existing Flood Infrastructure



Map 1
11 of 44



PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAAD 1983 2011 Texas Central Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

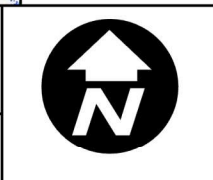
REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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

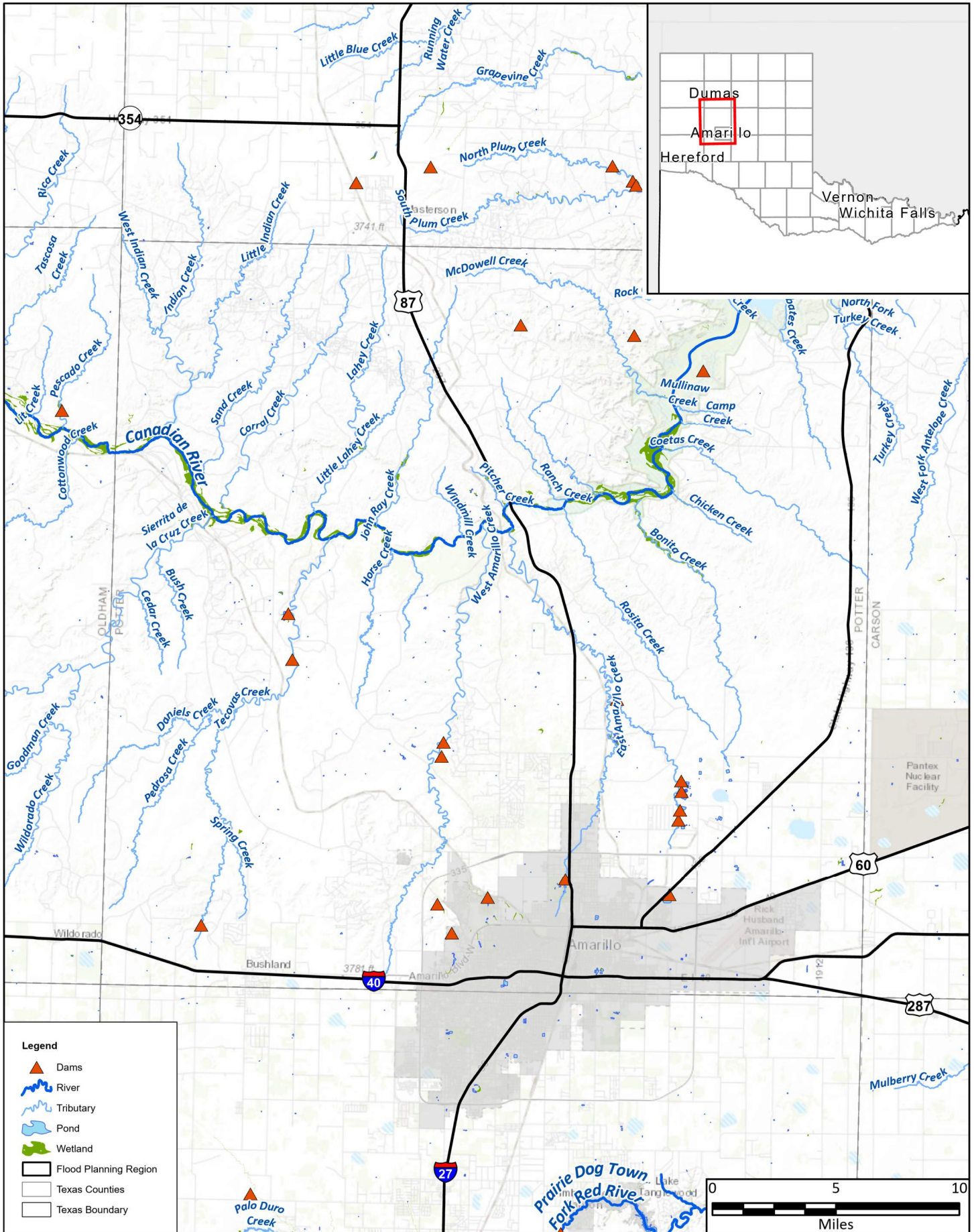
Region 1: Canadian - Upper Red

Oldham County

Existing Flood Infrastructure



Map 1
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Legend

- Dams
- River
- Tributary
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary



PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAAD 1983 2011 Texas Central Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREES NICHOLS

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

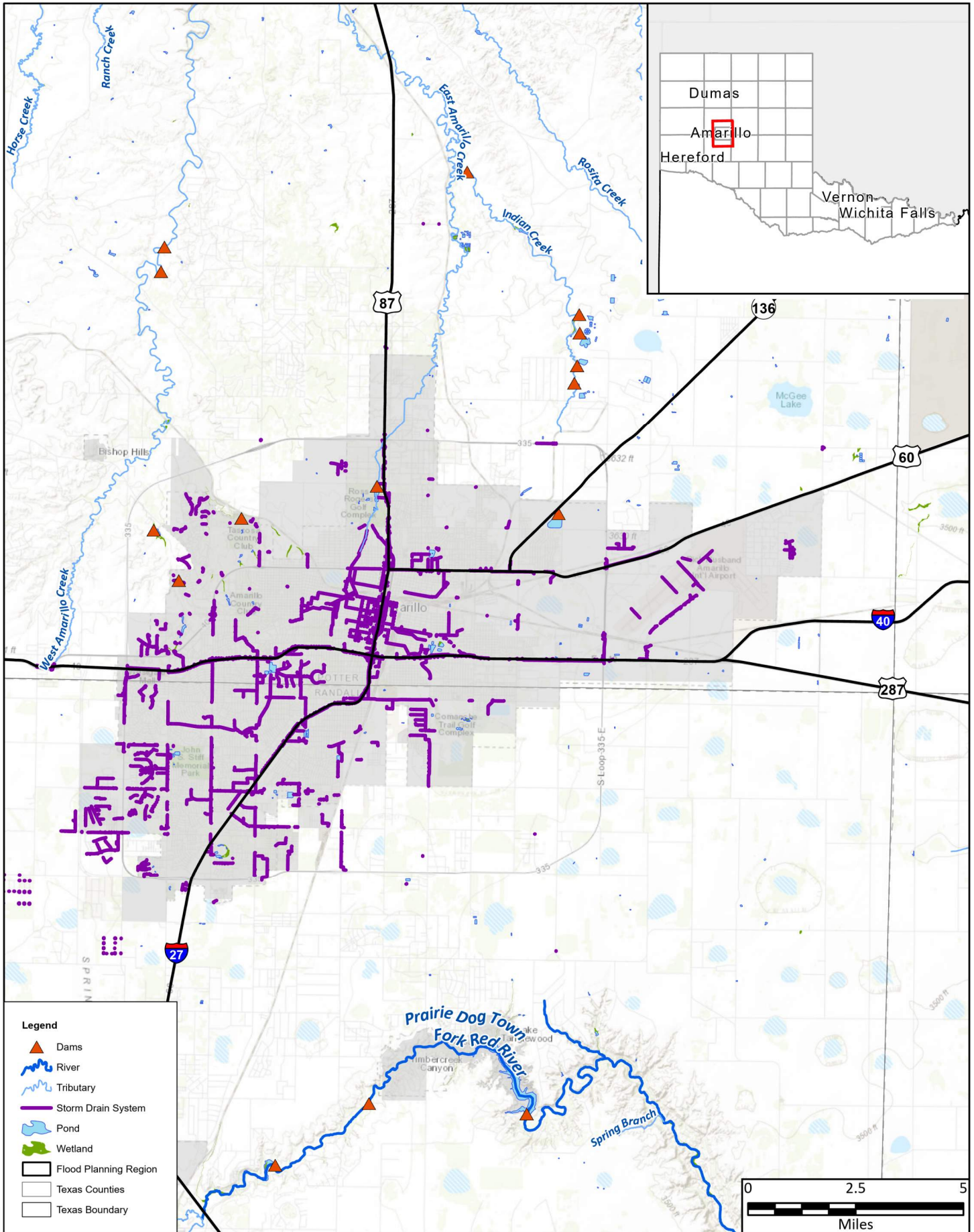
Region 1: Canadian - Upper Red

Potter County

Existing Flood Infrastructure



Map 1
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Legend

- Dams
- River
- Tributary
- Storm Drain System
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary

PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

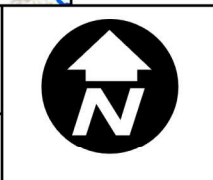
FRESE & NICHOLS

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

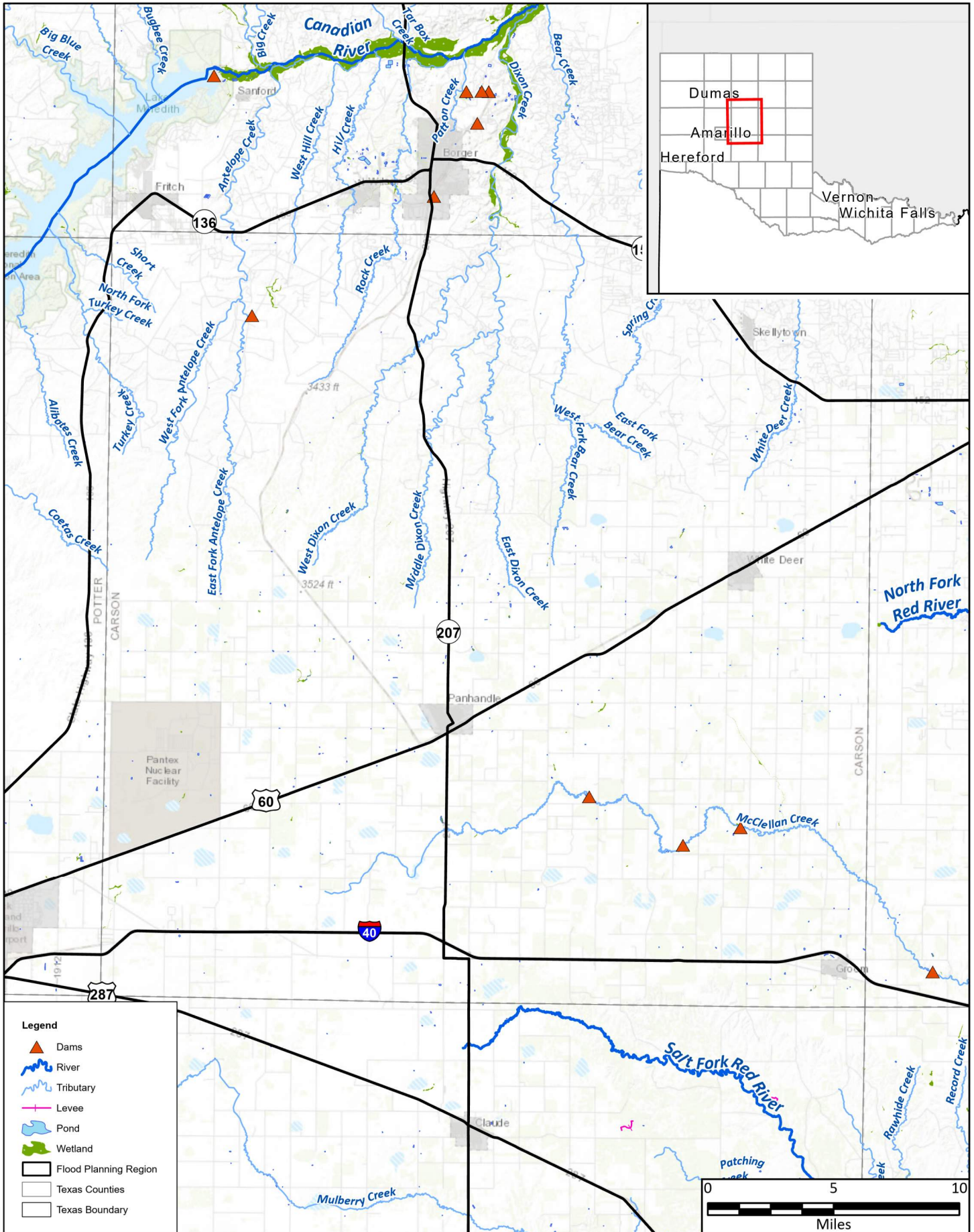
Region 1: Canadian - Upper Red

City of Amarillo

Existing Flood Infrastructure



Map 1
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- Legend**
- Dams
 - River
 - Tributary
 - Levee
 - Pond
 - Wetland
 - Flood Planning Region
 - Texas Counties
 - Texas Boundary



PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREES & NICHOLS

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

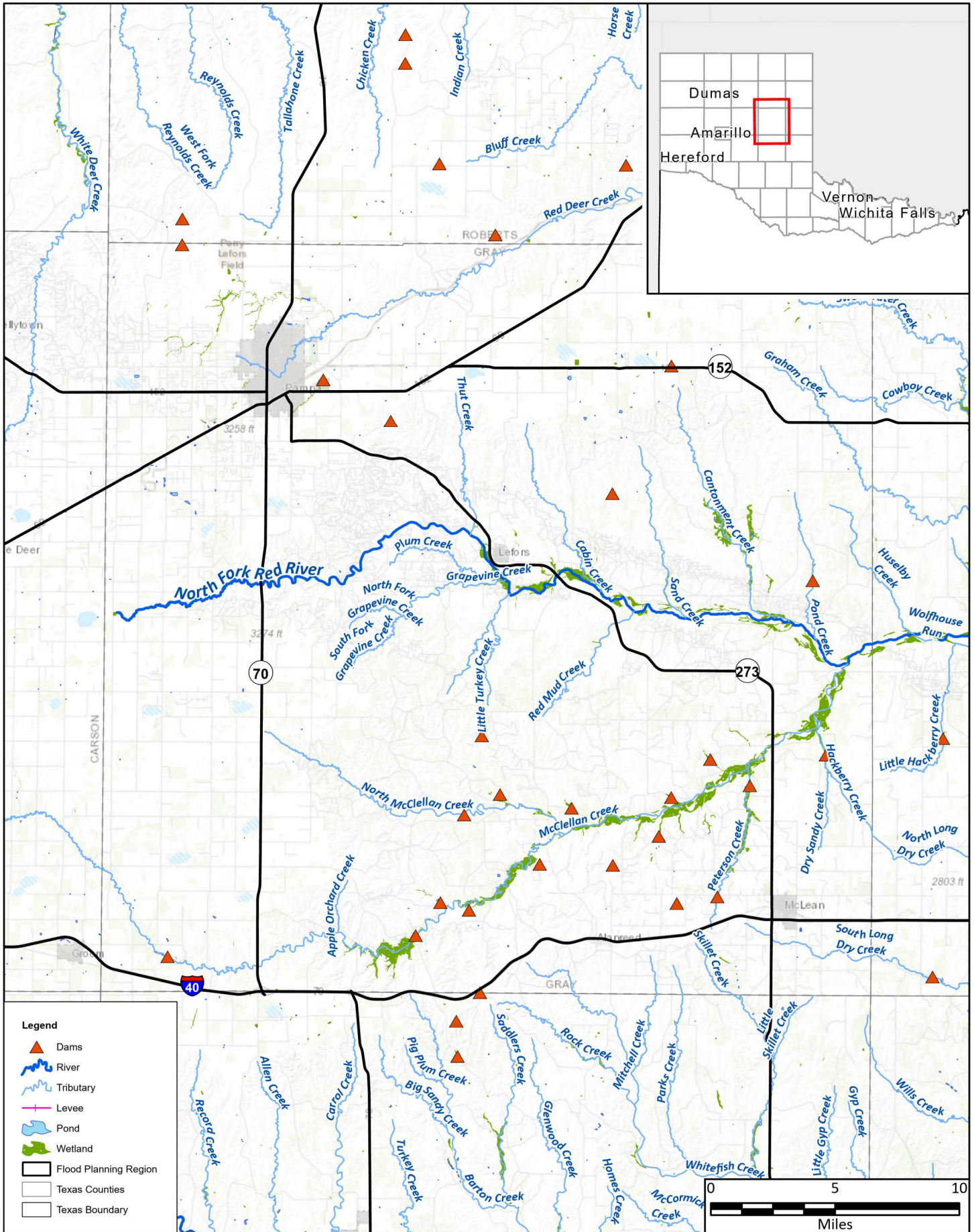
Region 1: Canadian - Upper Red

Carson County

Existing Flood Infrastructure



Map 1
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Legend

- Dams
- River
- Tributary
- Levee
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary

PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lenthorn
FILE NAME	Untitled
PREPARED BY	AMJ

REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FRESE & NICHOLS

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

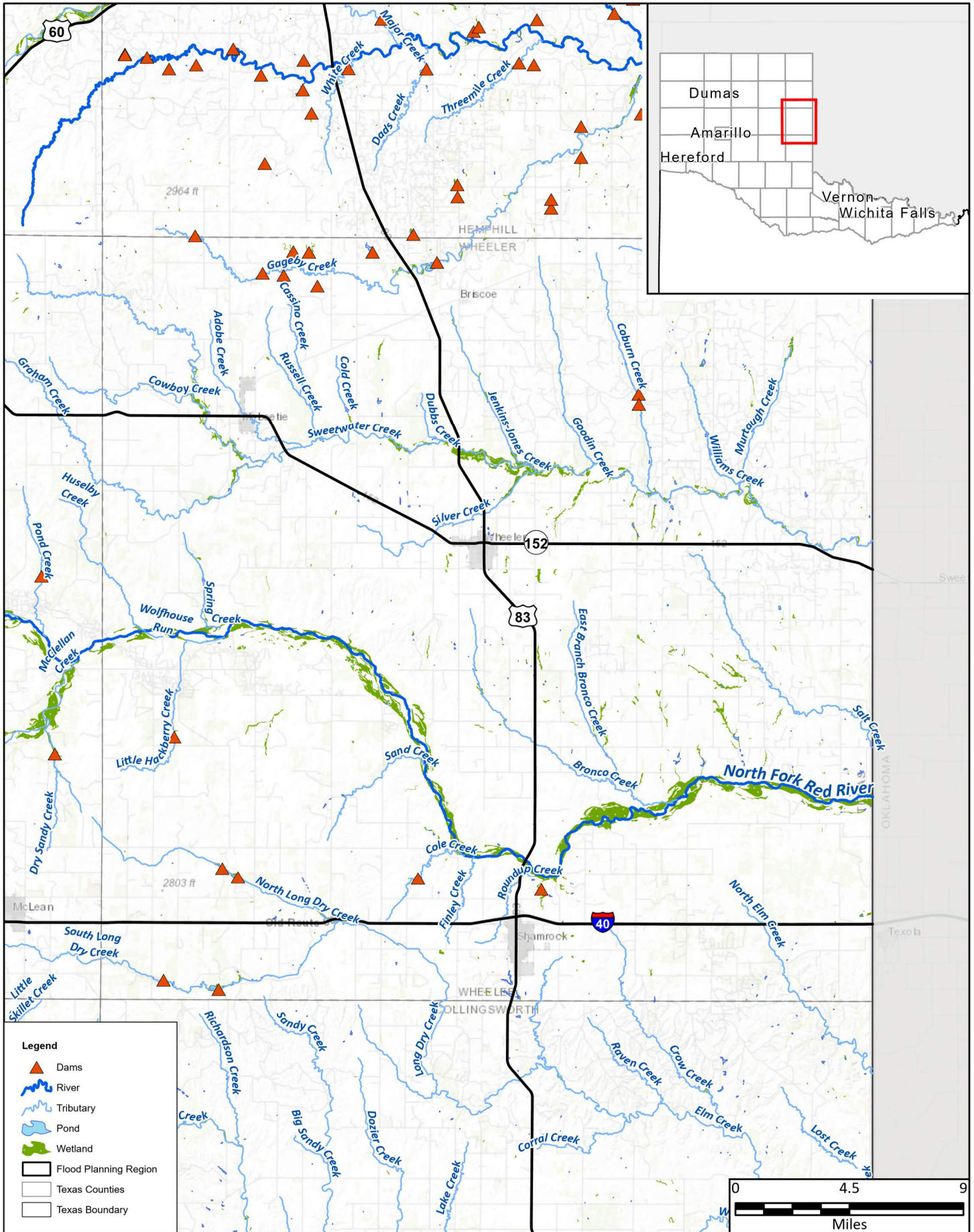
Region 1: Canadian - Upper Red

Gray County

Existing Flood Infrastructure



Map 1
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PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

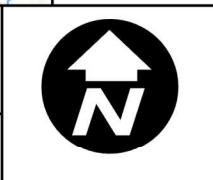
FREESE NICHOLS

 801 Cherry St. Suite 2800

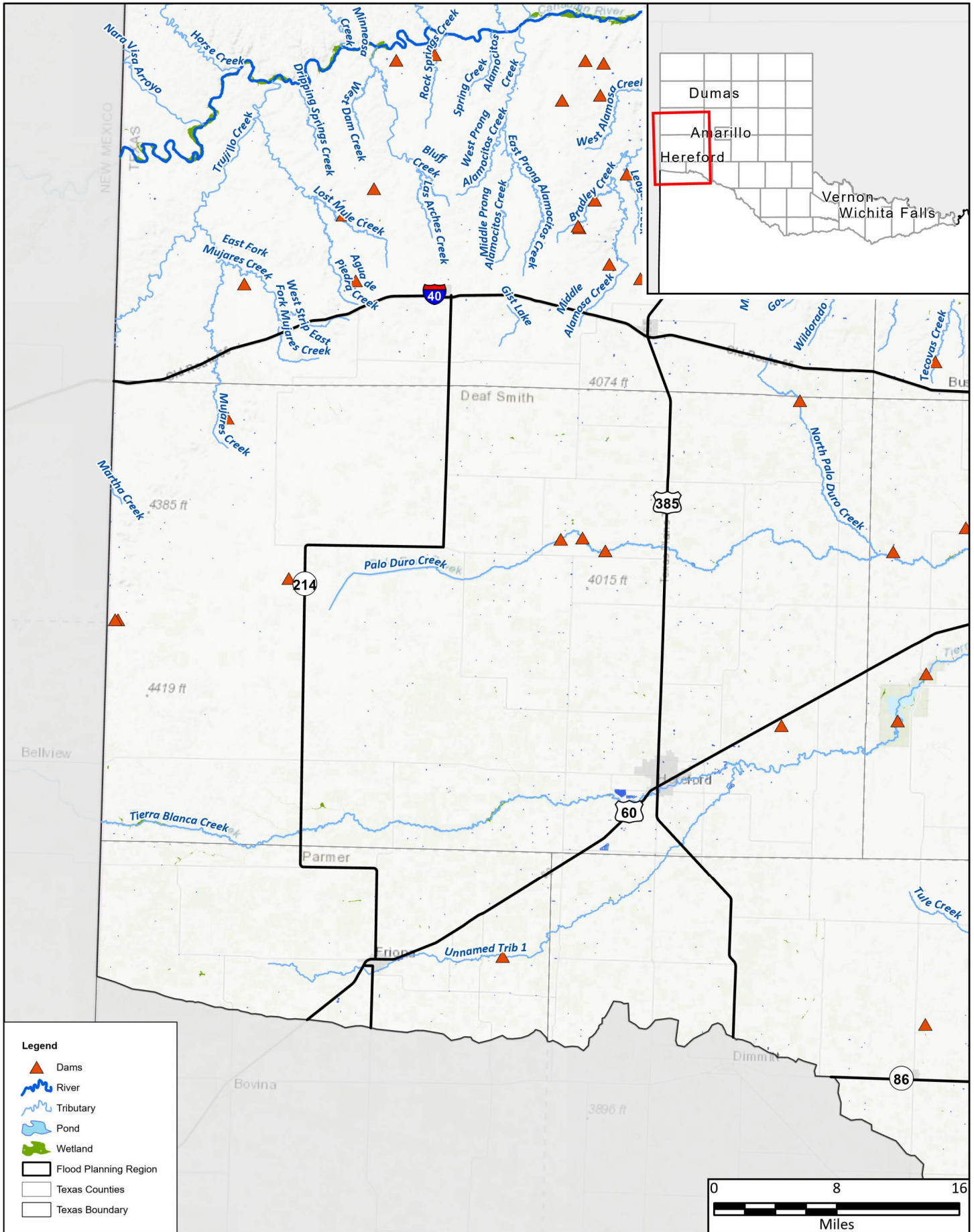
 Fort Worth, Texas 76102

 Office: (817) 735-7300

Region 1: Canadian - Upper Red
Wheeler County
 Existing Flood Infrastructure



Map 1
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Legend

- Dams
- River
- Tributary
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary

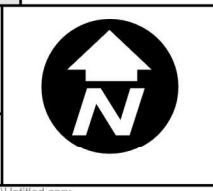


PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

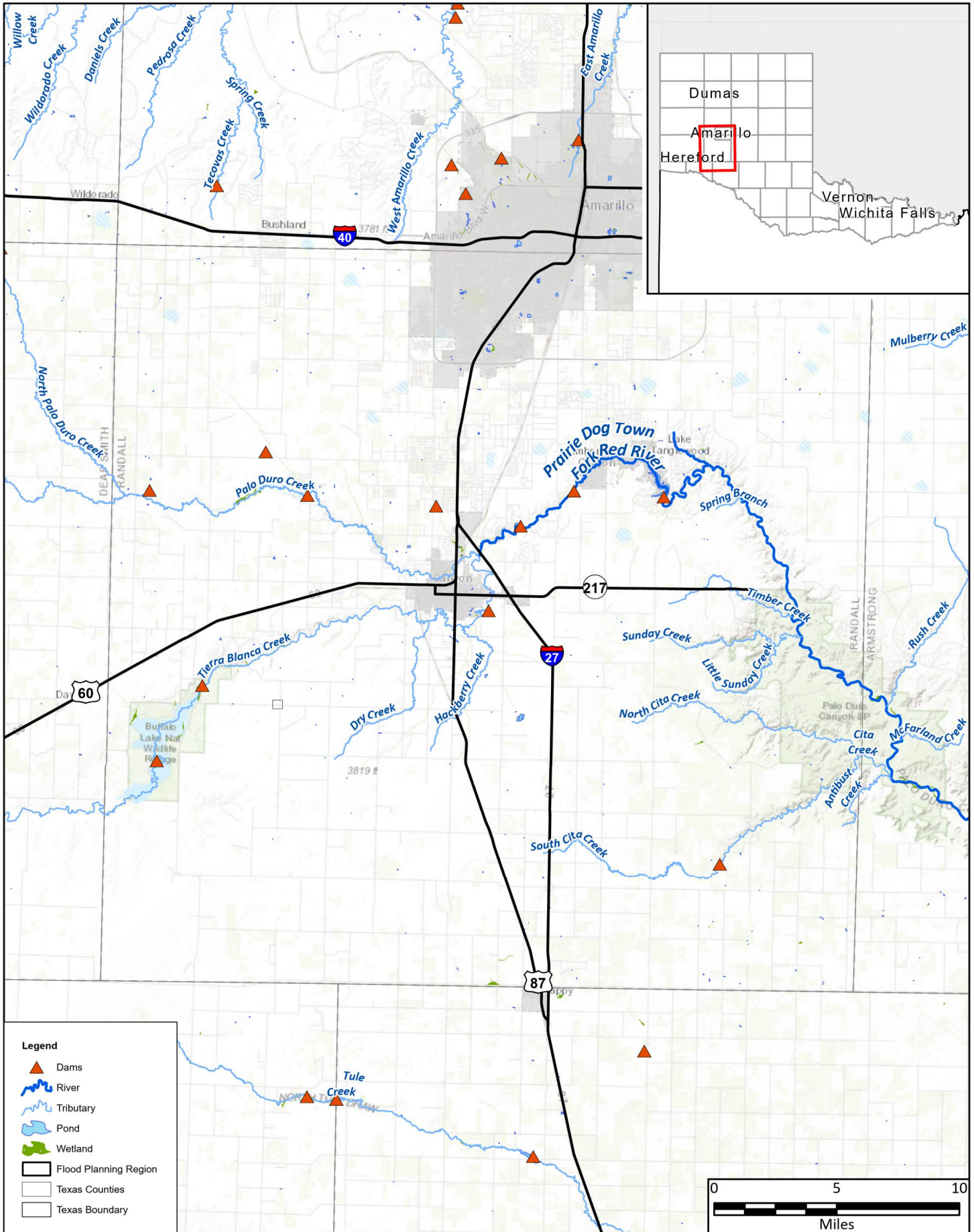
REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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

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



Map 1
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PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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

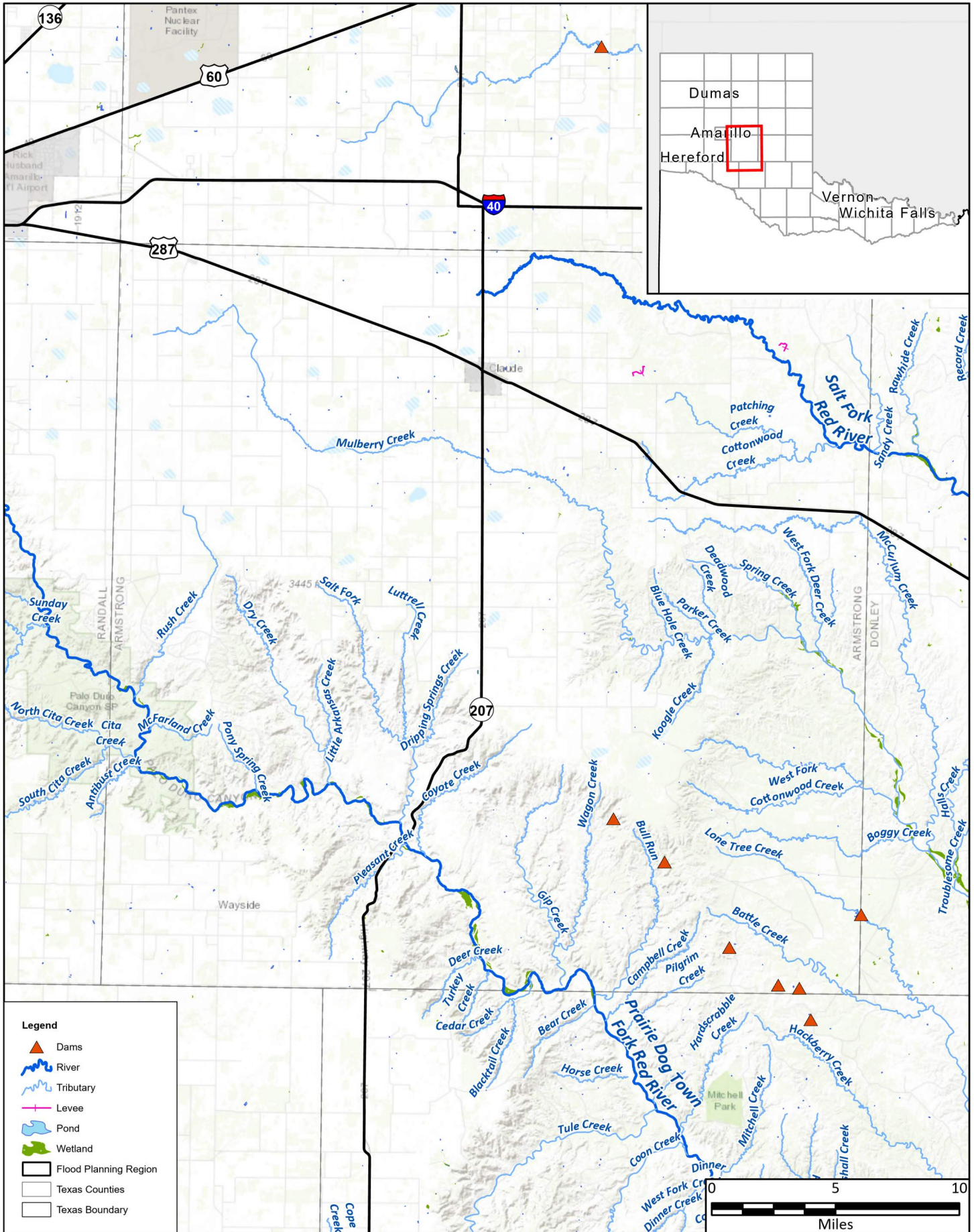
Region 1: Canadian - Upper Red

Randall County

Existing Flood Infrastructure



Map 1
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Legend

- Dams
- River
- Tributary
- Levee
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary



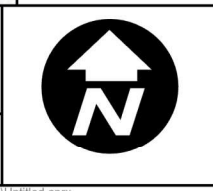
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DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lenth
FILE NAME	Untitled
PREPARED BY	AMJ

REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

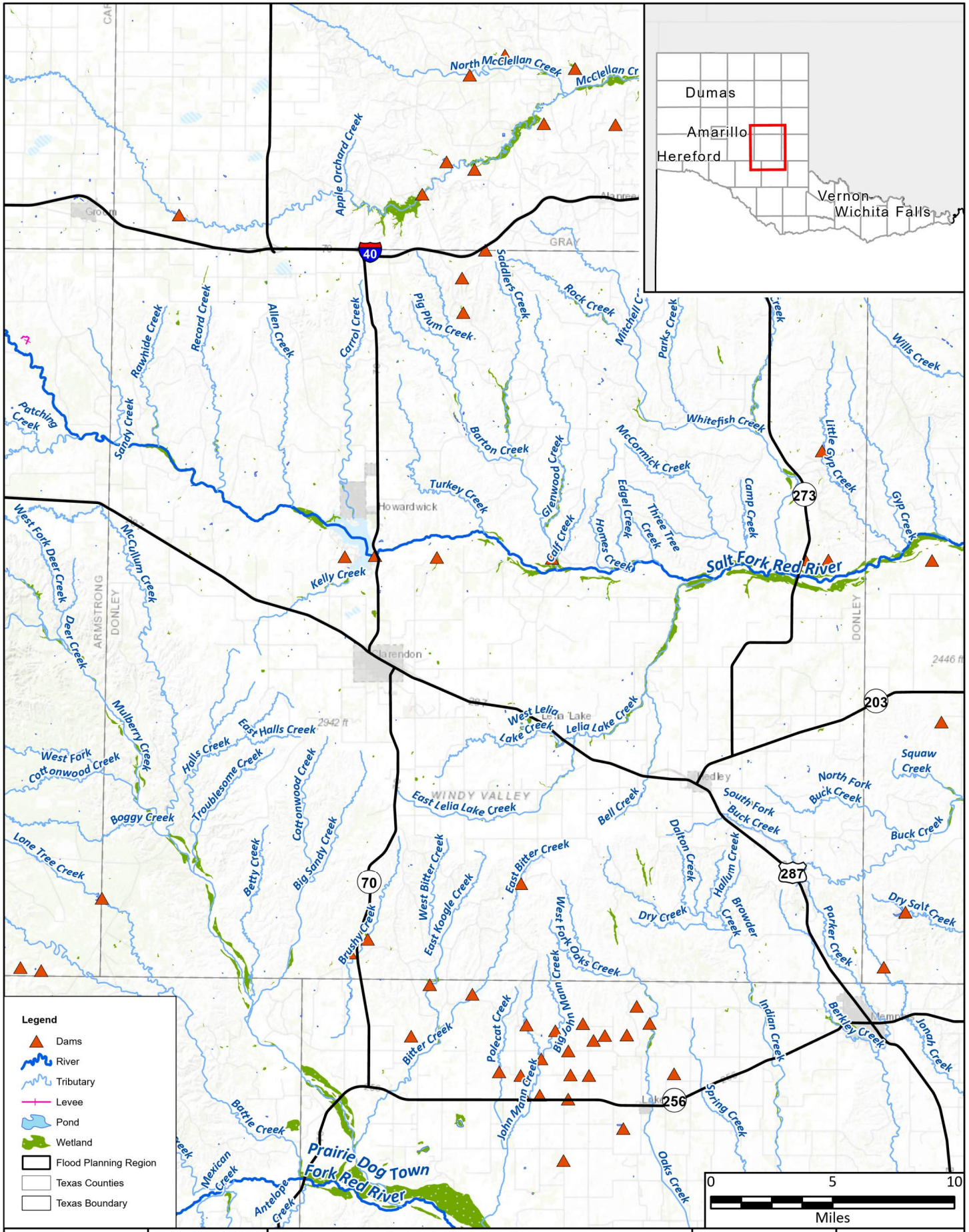
FREES NICHOLS

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

Region 1: Canadian - Upper Red
Armstrong County
Existing Flood Infrastructure



Map 1
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Legend

- Dams
- River
- Tributary
- Levee
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary

FPN PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAAD 1983 2011 Texas Centric Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREES & NICHOLS

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

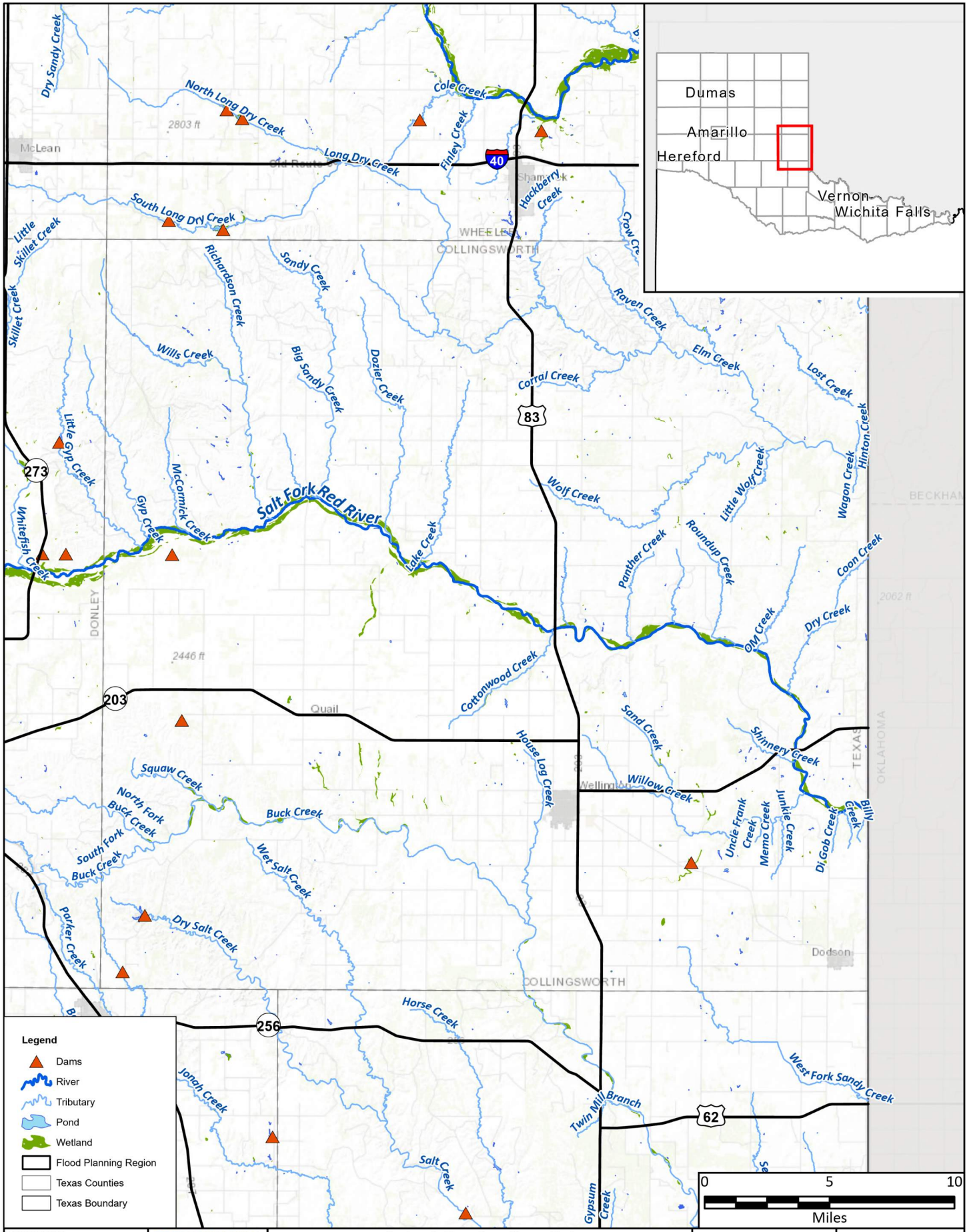
Region 1: Canadian - Upper Red

Donley County

Existing Flood Infrastructure



Map 1
21 of 44



PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD83 1983 2011 Texas Central Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

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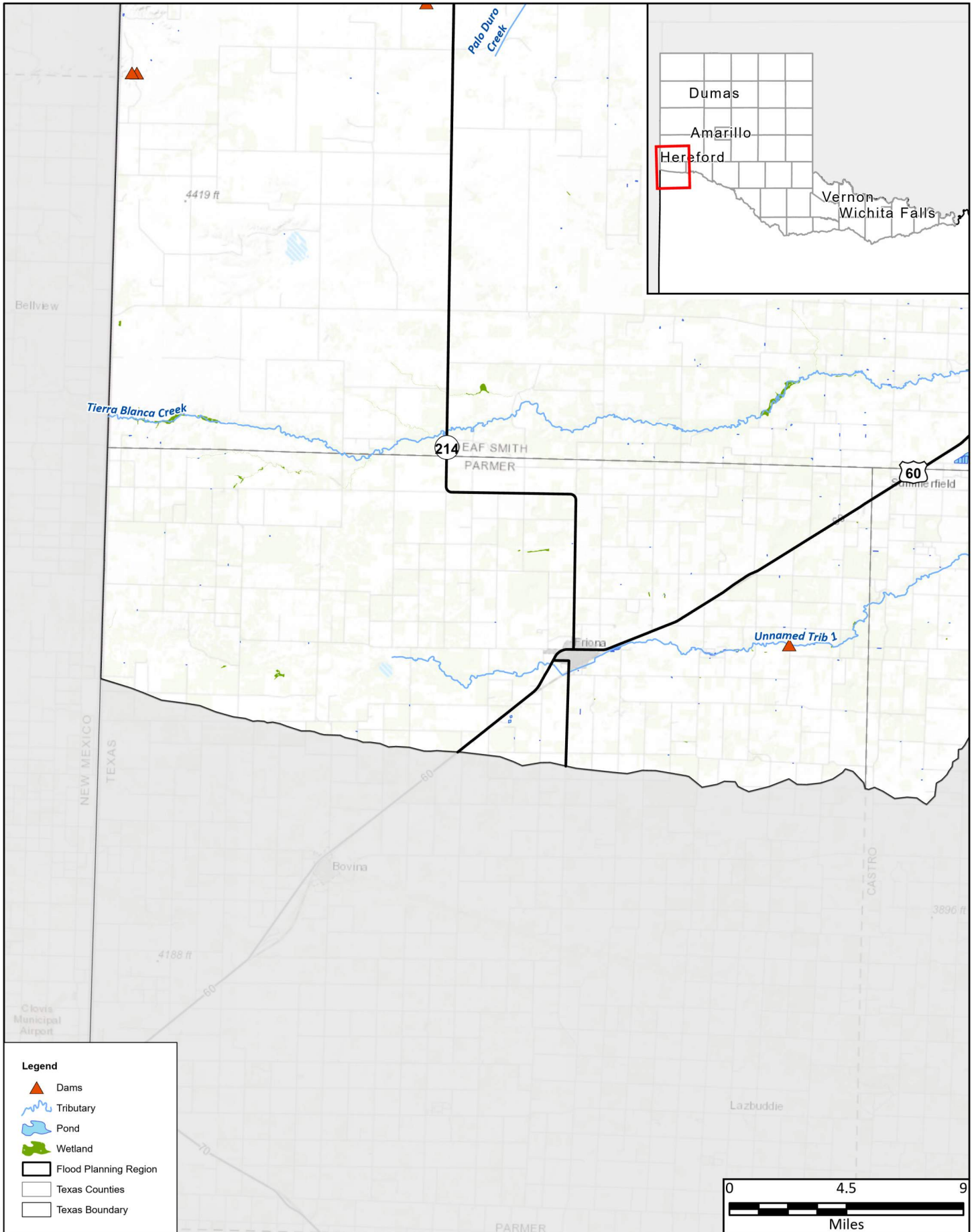
 Fort Worth, Texas 76102

 Office: (817) 735-7300

Region 1: Canadian - Upper Red
Collingsworth County
 Existing Flood Infrastructure



Map 1
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Legend

- Dams
- Tributary
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary



PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Central Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

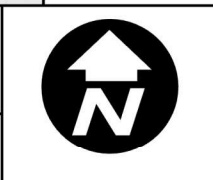
REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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

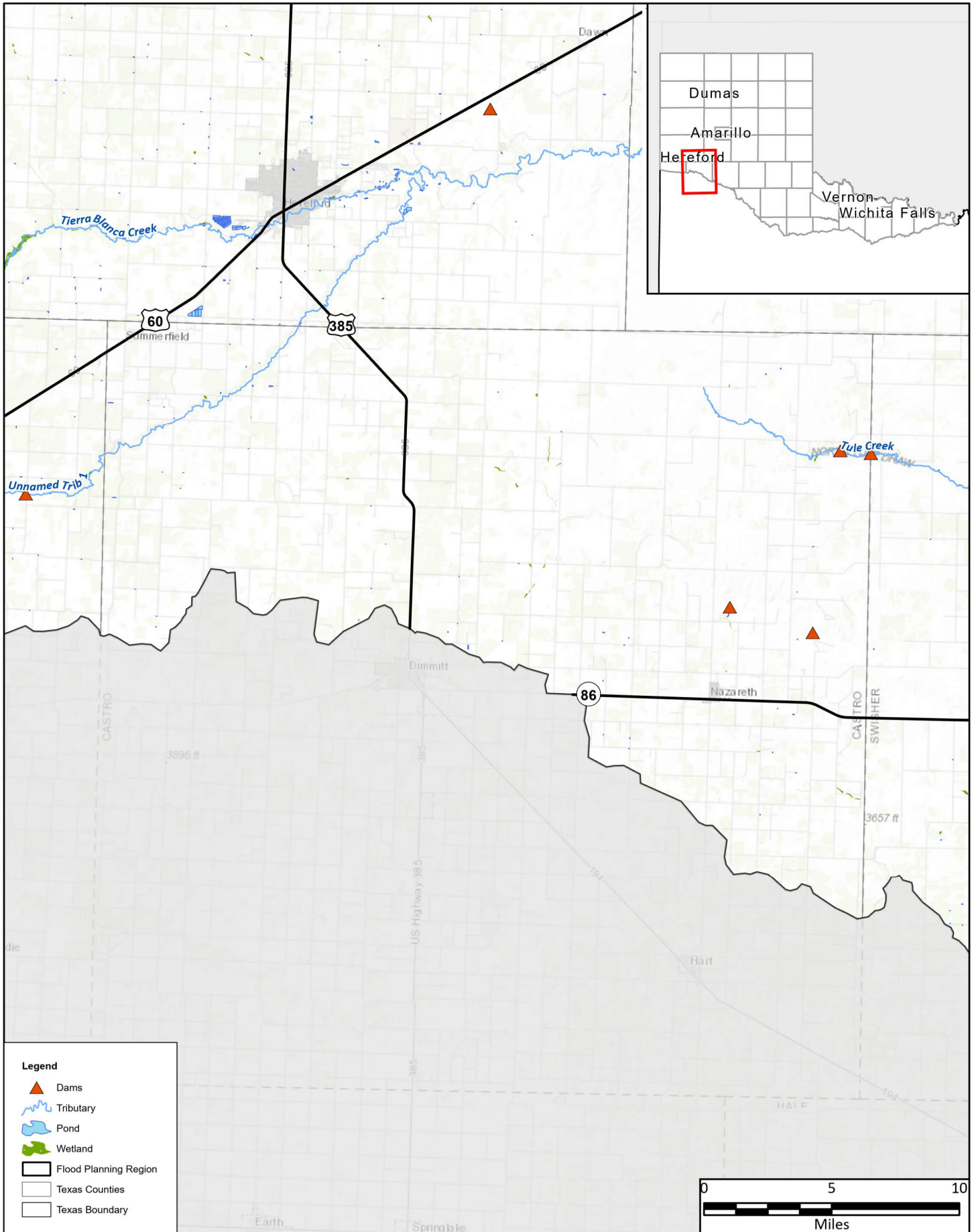
Region 1: Canadian - Upper Red

Parmer County

Existing Flood Infrastructure



Map 1
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Legend

- Dams
- Tributary
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary

PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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

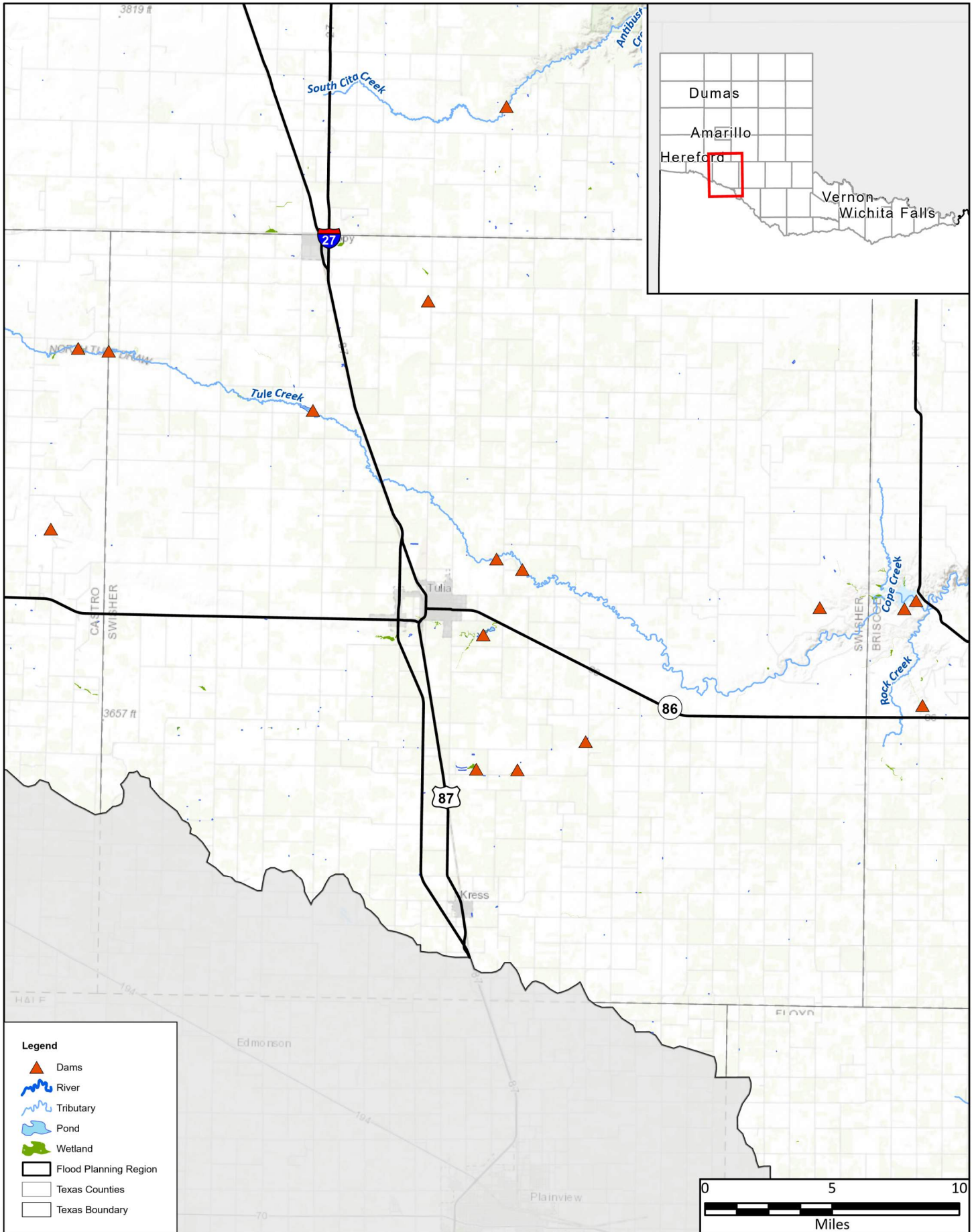
Region 1: Canadian - Upper Red

Castro County

Existing Flood Infrastructure



Map 1
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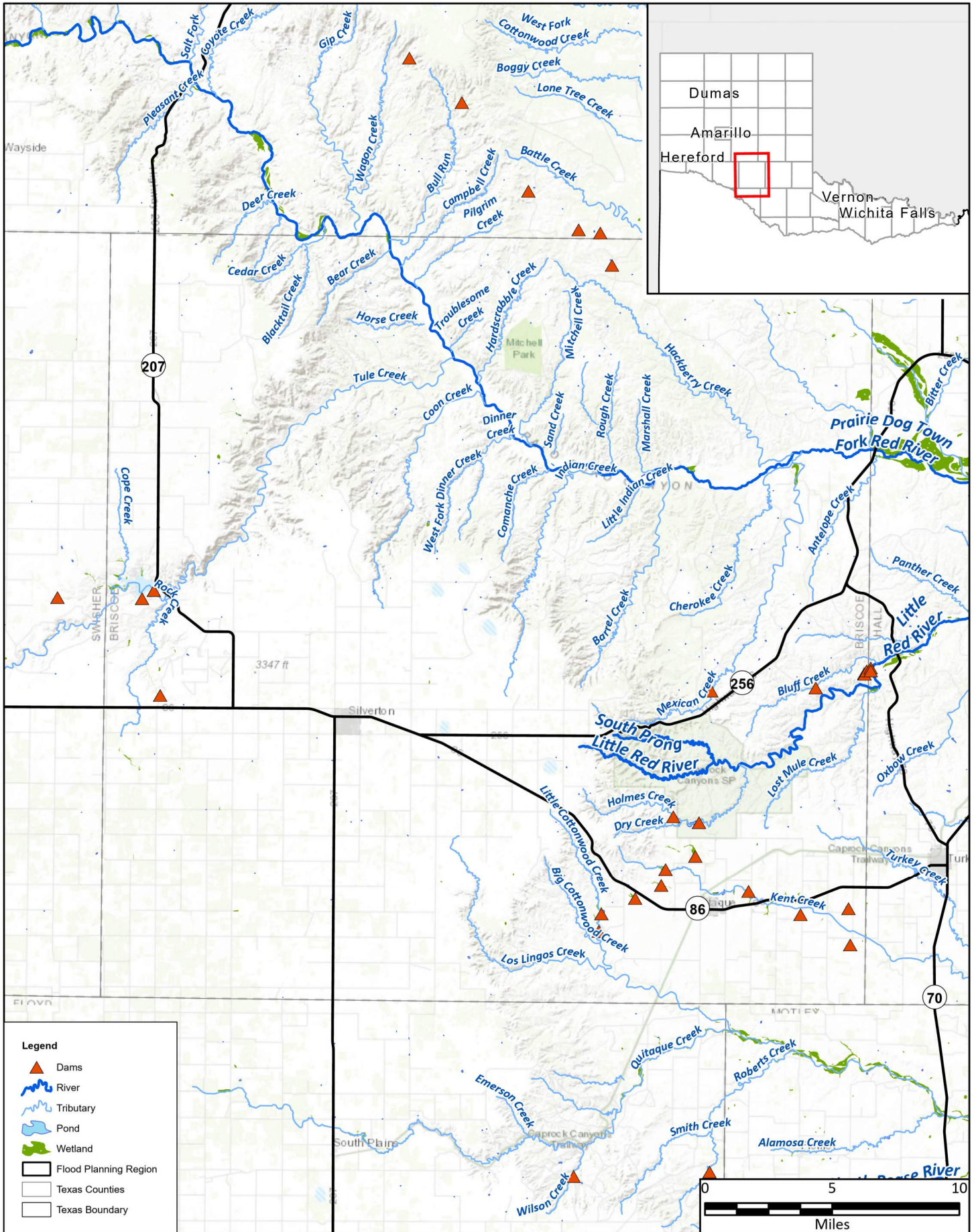
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DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

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
Swisher County
 Existing Flood Infrastructure



Map 1
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Legend

- Dams
- River
- Tributary
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary

PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lenthart
FILE NAME	Untitled
PREPARED BY	AMJ

REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

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

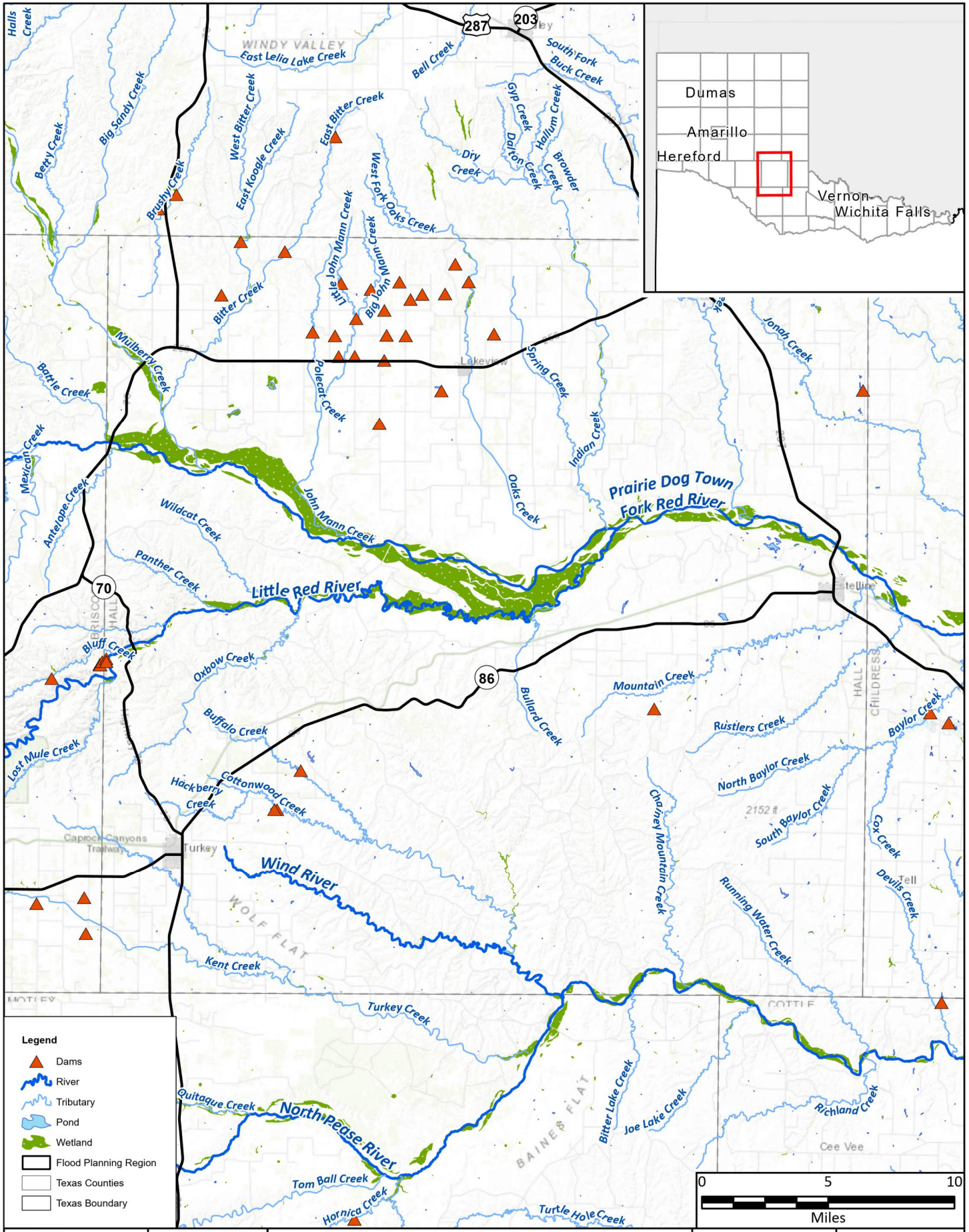
Region 1: Canadian - Upper Red

Briscoe County

Existing Flood Infrastructure



Map 1
26 of 44



Legend

- Dams
- River
- Tributary
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary

PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAAD 1983 2011 Texas Centric Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREES & NICHOLS

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

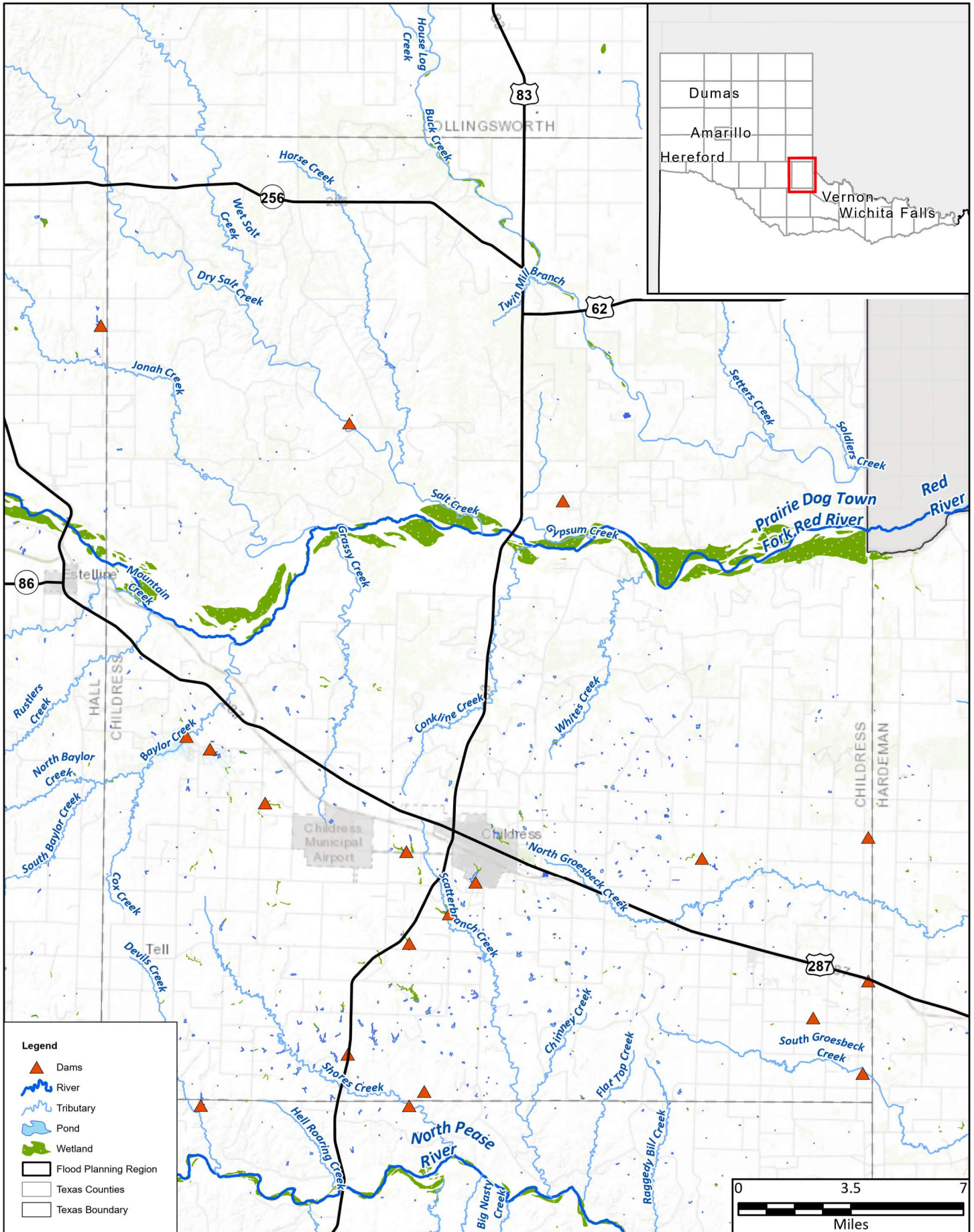
Region 1: Canadian - Upper Red

Hall County

Existing Flood Infrastructure



Map 1
27 of 44



PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lambert
FILE NAME	Untitled
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FREESE NICHOLS

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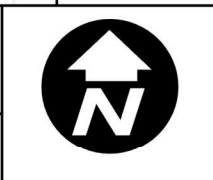
 Fort Worth, Texas 76102

 Office: (817) 735-7300

Region 1: Canadian - Upper Red

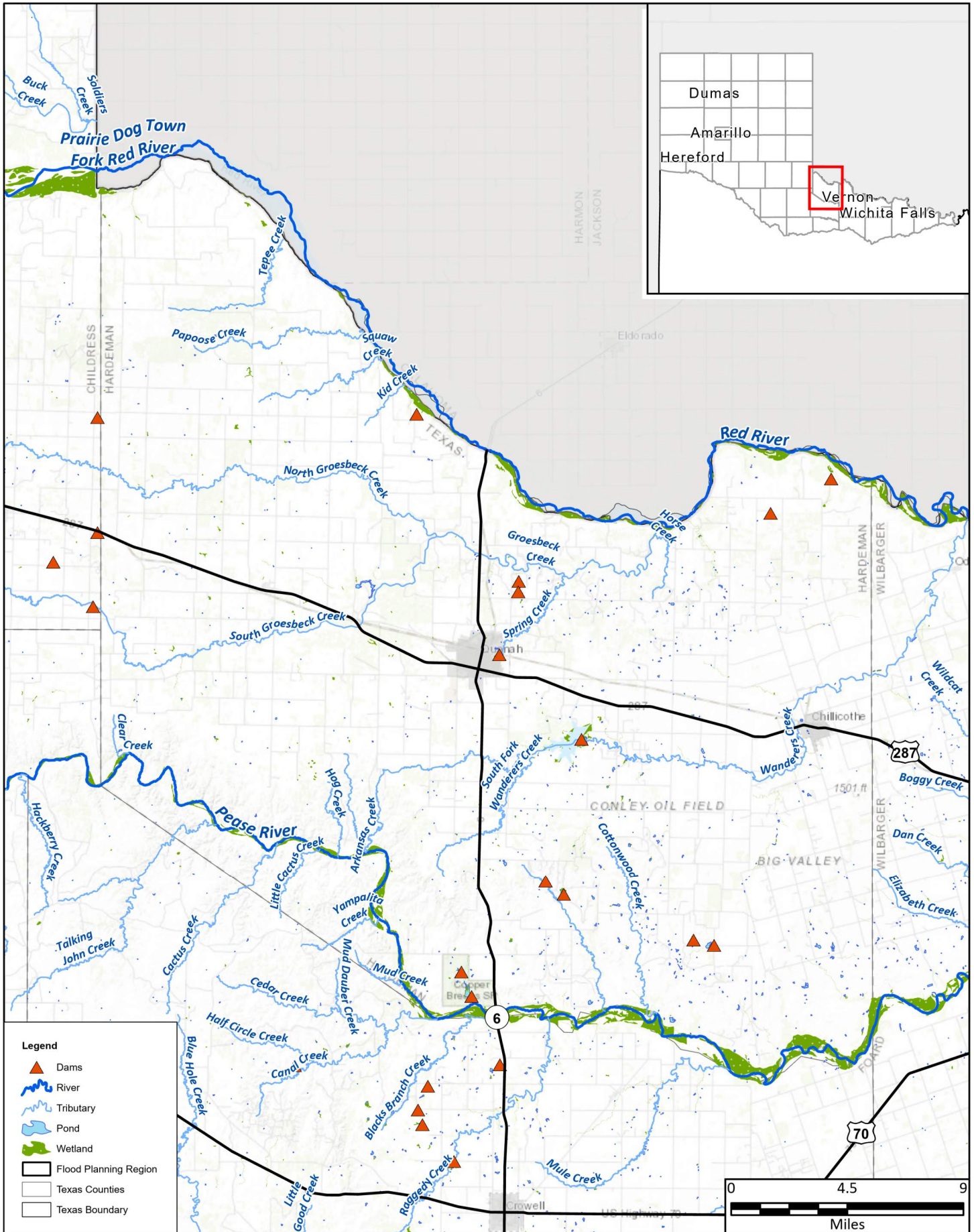
Childress County

 Existing Flood Infrastructure



Map 1

 28 of 44



Legend

- Dams
- River
- Tributary
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary



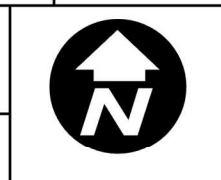
PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

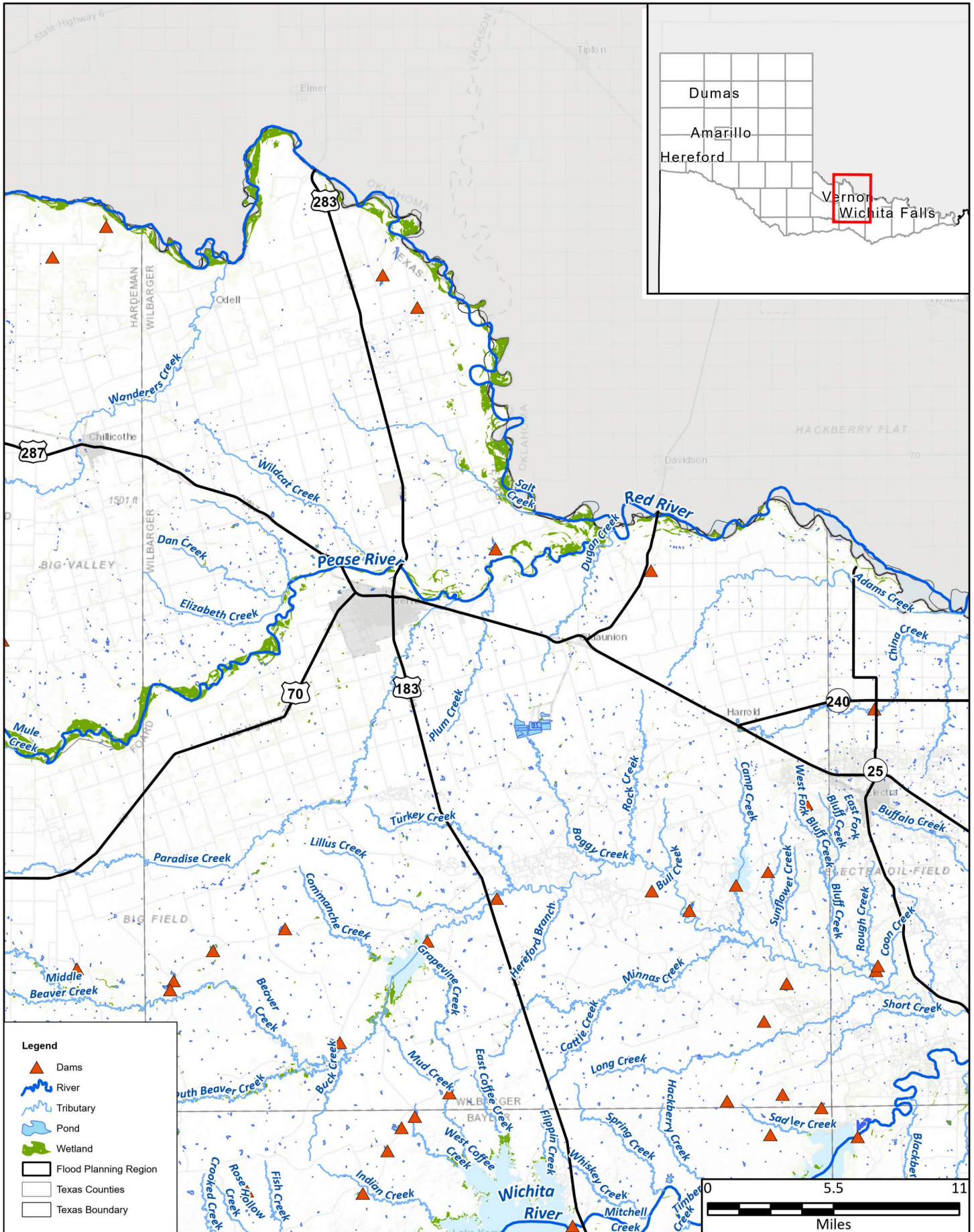
FRESE & NICHOLS

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

Region 1: Canadian - Upper Red
Hardeman County
Existing Flood Infrastructure



Map 1
29 of 44



Legend

- Dams
- River
- Tributary
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary



PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAAD 1983 2011 Texas Centric Mercator System Lenth
FILE NAME	Untitled
PREPARED BY	AMJ

REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREES & NICHOLS

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

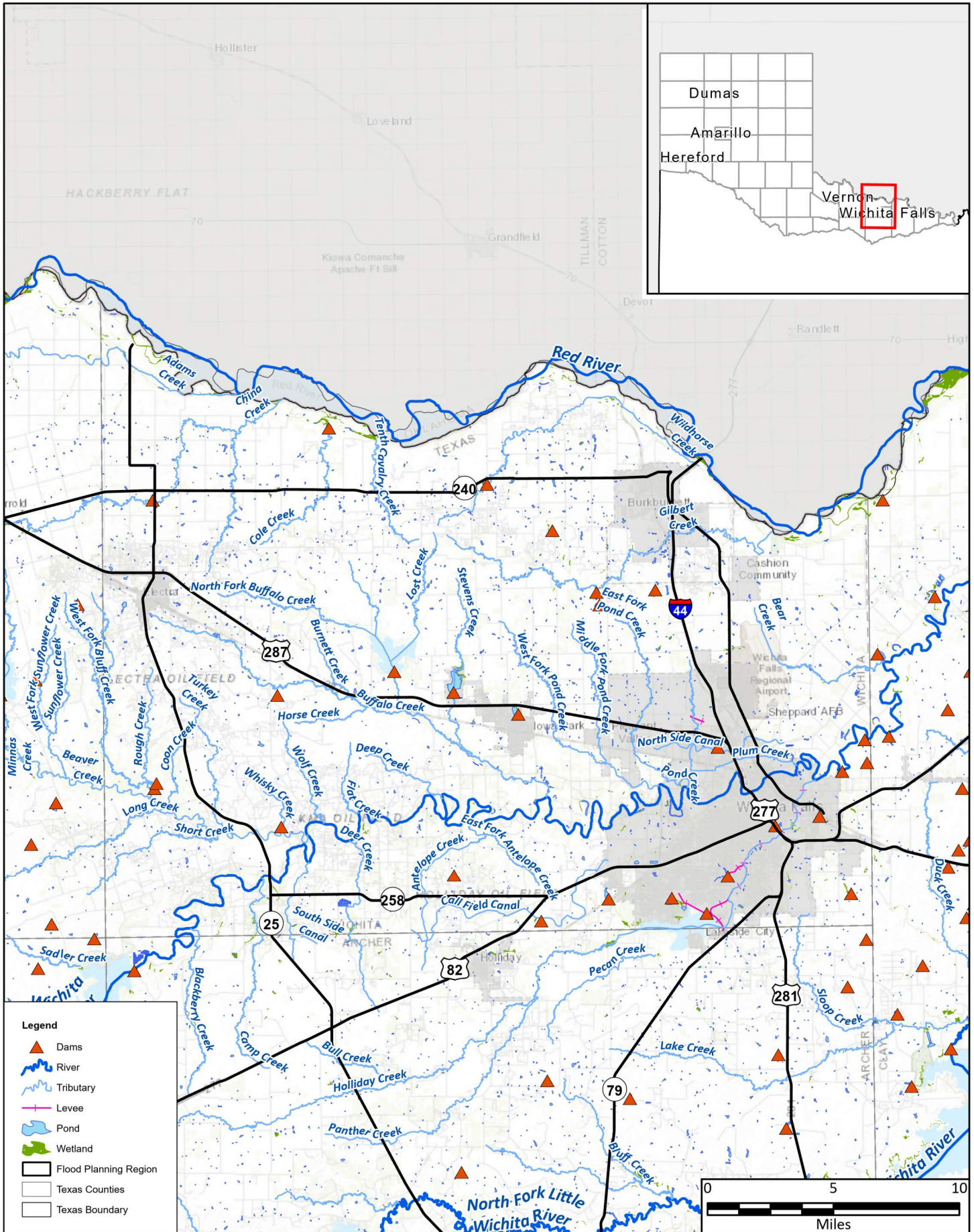
Region 1: Canadian - Upper Red

Wilberger County

Existing Flood Infrastructure



Map 1
30 of 44



Legend

- Dams
- River
- Tributary
- Levee
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary

PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Central Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREES & NICHOLS

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

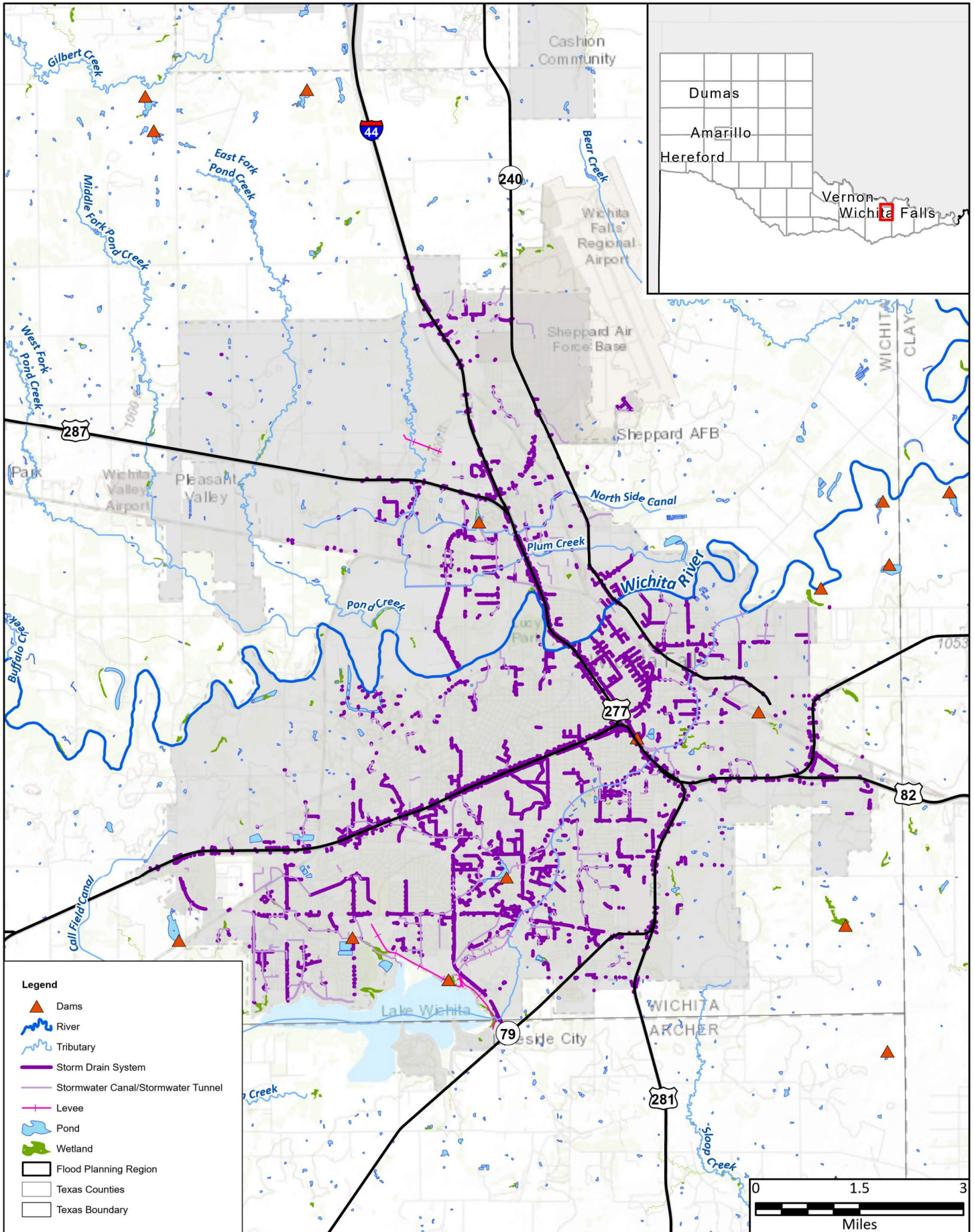
Region 1: Canadian - Upper Red

Wichita County

Existing Flood Infrastructure



Map 1
31 of 44



Legend

- Dams
- River
- Tributary
- Storm Drain System
- Stormwater Canal/Stormwater Tunnel
- Levee
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary

PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

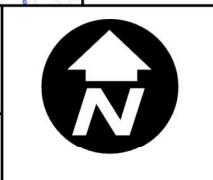
FREES NICHOLS

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

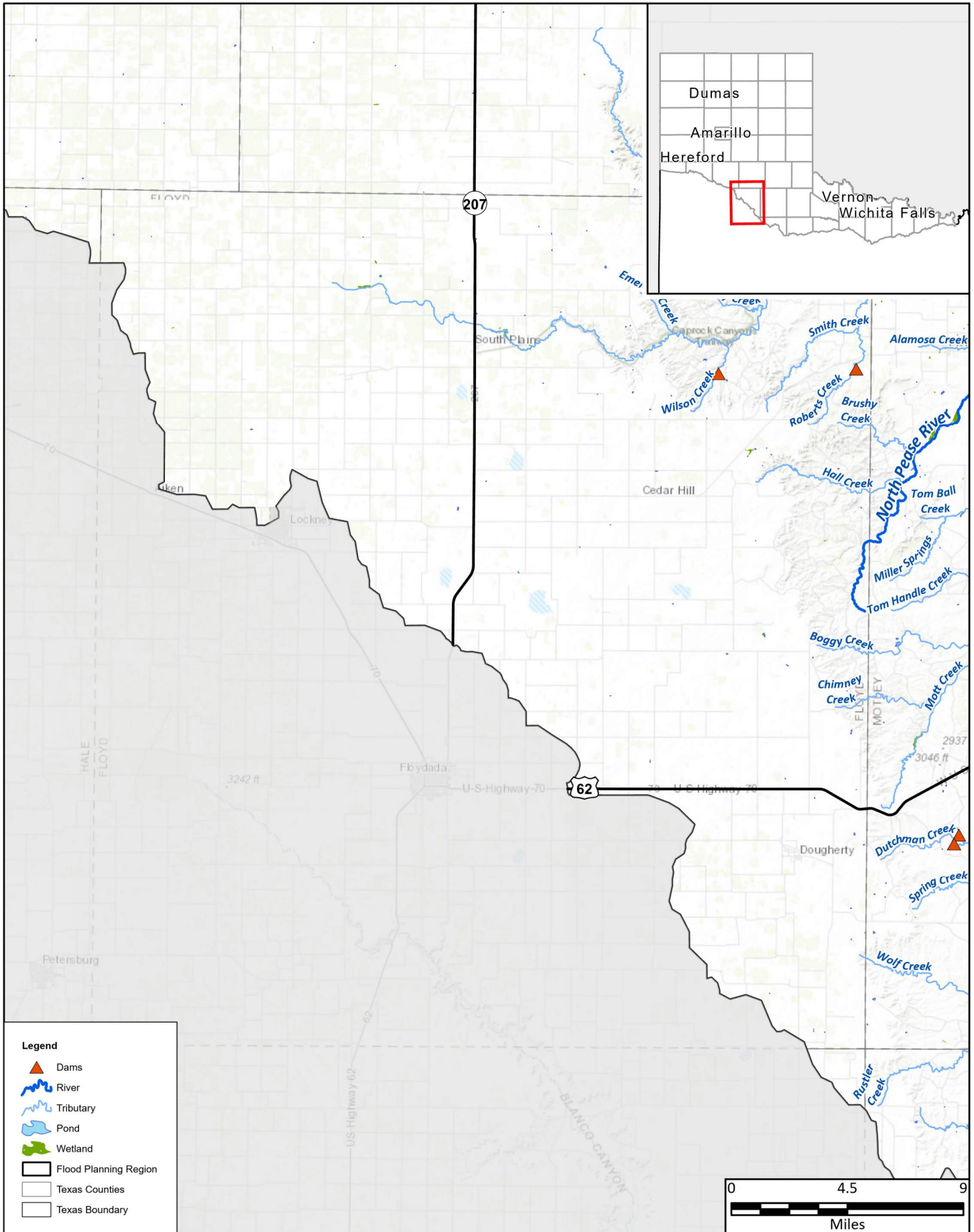
Region 1: Canadian - Upper Red

City of Wichita Falls

Existing Flood Infrastructure



Map 1
32 of 44



Legend

- Dams
- River
- Tributary
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary



PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System (unpublished)
FILE NAME	Untitled
PREPARED BY	AMJ

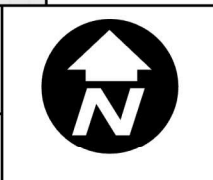
REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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

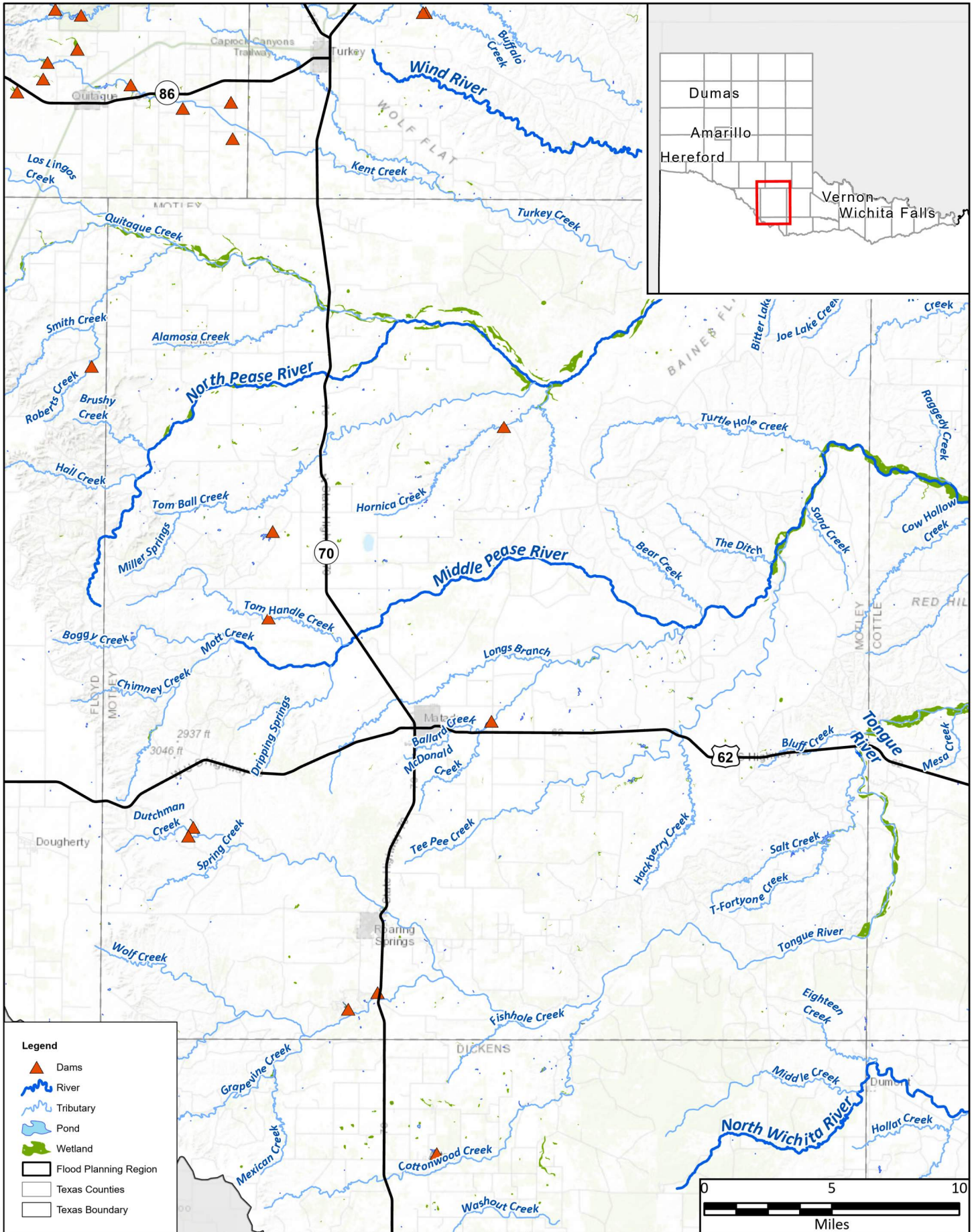
Region 1: Canadian - Upper Red

Floyd County

Existing Flood Infrastructure



Map 1
33 of 44



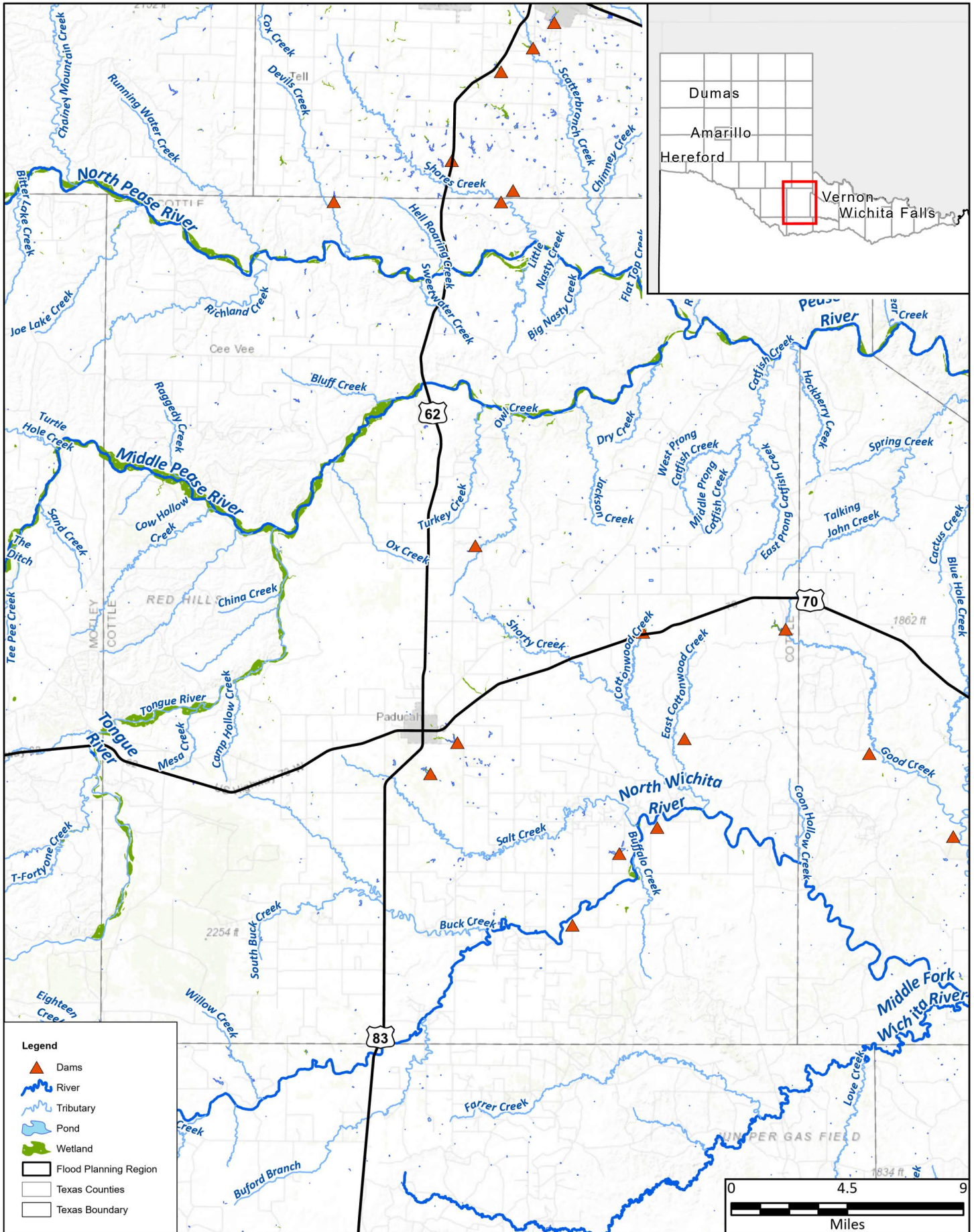
PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

REGION CANADIAN UPPER RED
 REGIONAL FLOOD PLANNING GROUP
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 Fort Worth, Texas 76102
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Region 1: Canadian - Upper Red
Motley County
 Existing Flood Infrastructure



Map 1
 34 of 44



PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

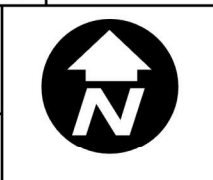
FREES & NICHOLS

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

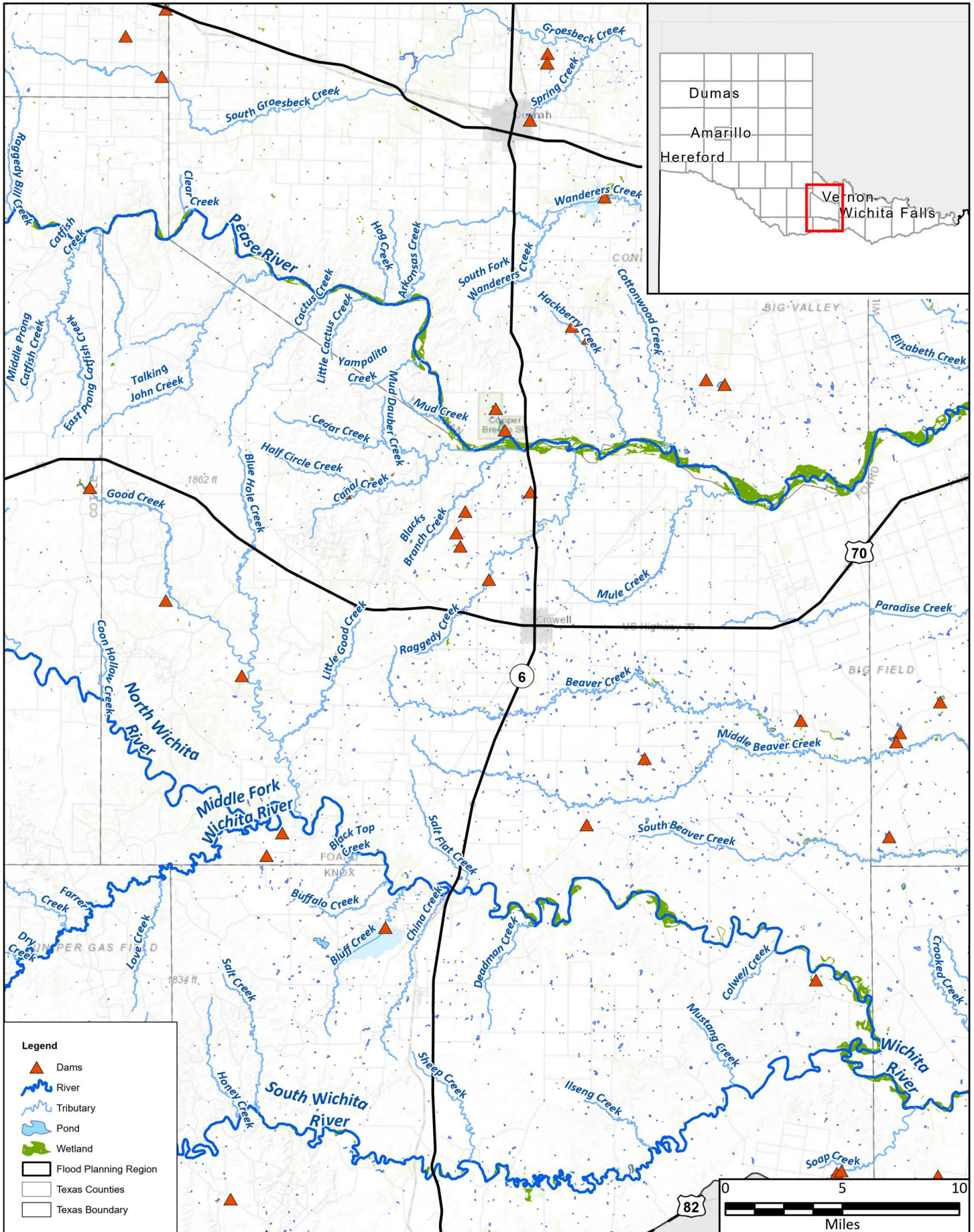
Region 1: Canadian - Upper Red

Cottle County

Existing Flood Infrastructure



Map 1
35 of 44



Legend

- Dams
- River
- Tributary
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary

PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAAD 1983 2011 Texas Central Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

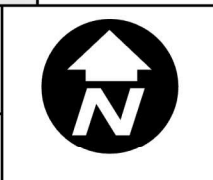
REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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

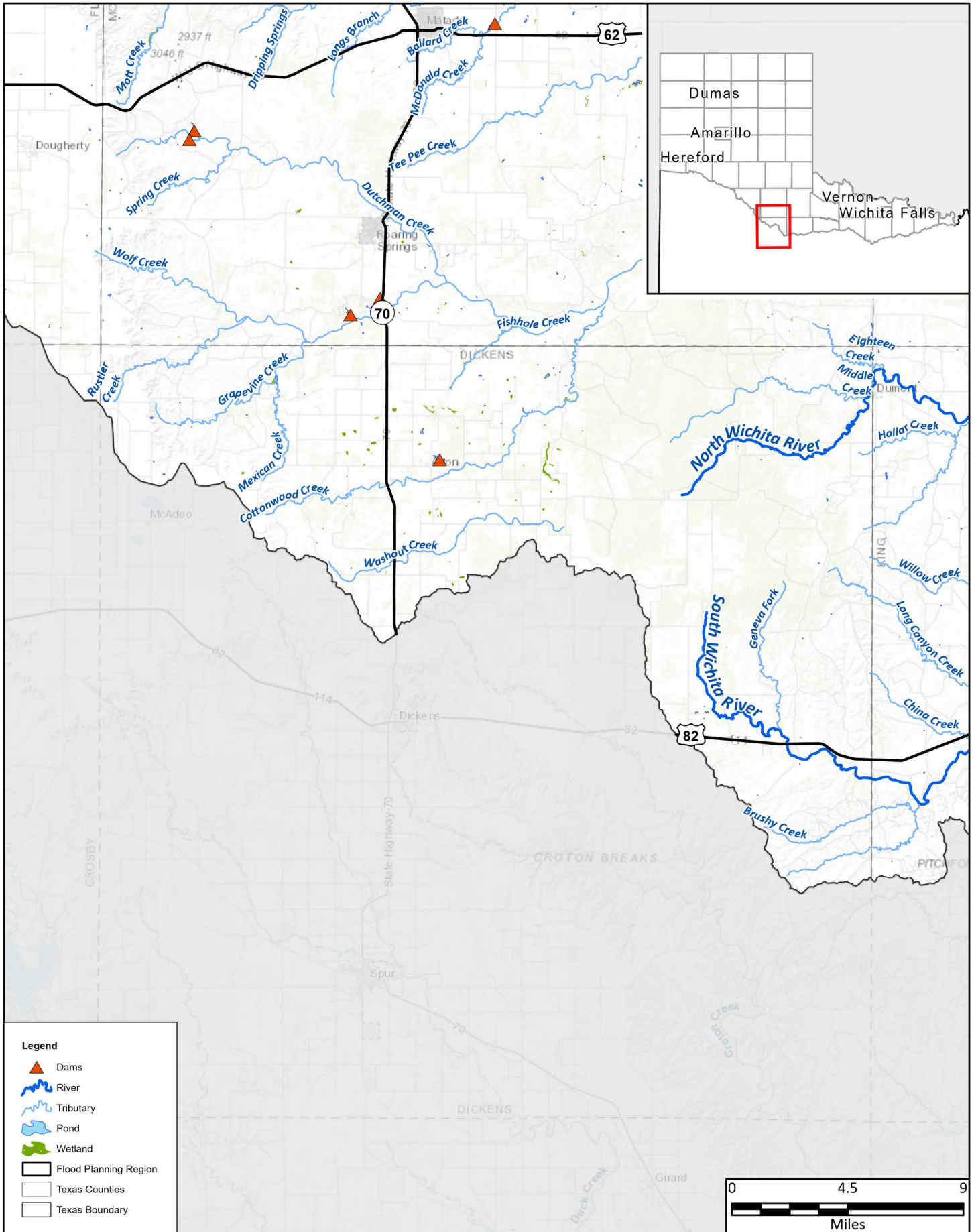
Region 1: Canadian - Upper Red

Foard County

Existing Flood Infrastructure



Map 1
36 of 44



PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System (unpublished)
FILE NAME	Untitled
PREPARED BY	AMJ

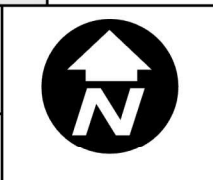
REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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

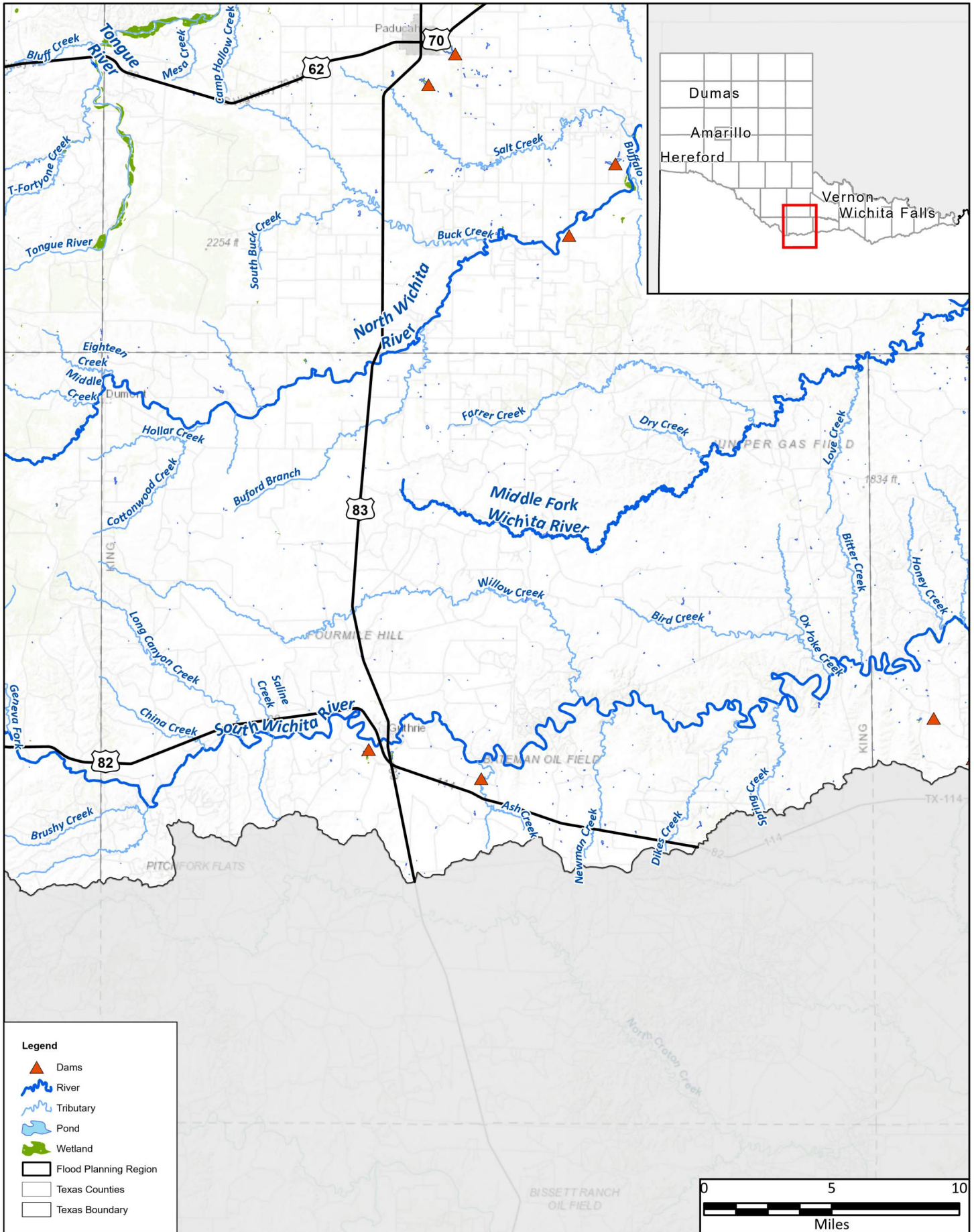
Region 1: Canadian - Upper Red

Dickens County

Existing Flood Infrastructure



Map 1
37 of 44



PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System (unpublished)
FILE NAME	Untitled
PREPARED BY	AMJ

REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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

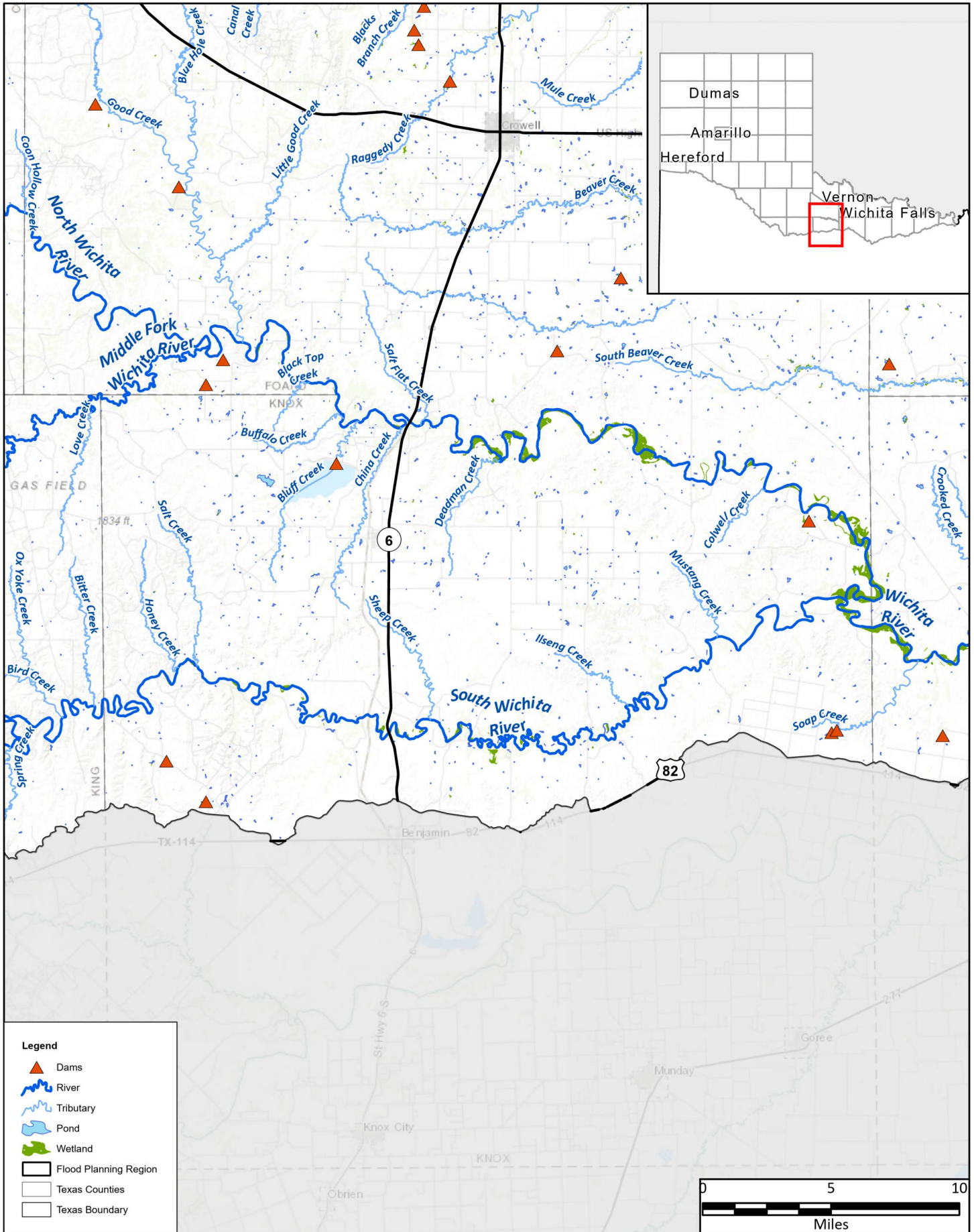
Region 1: Canadian - Upper Red

King County

Existing Flood Infrastructure



Map 1
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PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lenth
FILE NAME	Untitled
PREPARED BY	AMJ

REGION 1 CANADIAN UPPER RED
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801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

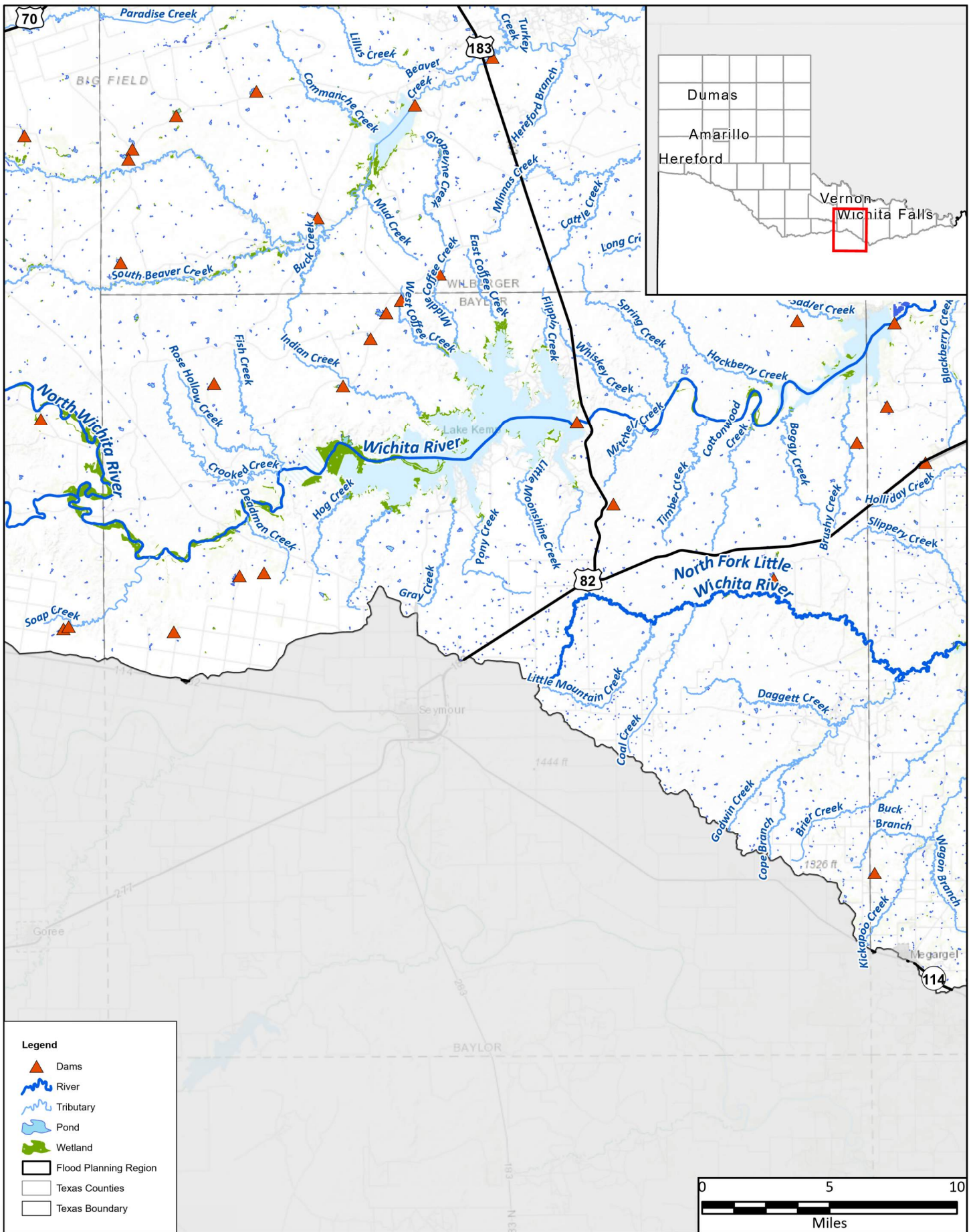
Region 1: Canadian - Upper Red

Knox County

Existing Flood Infrastructure



Map 1
39 of 44



Legend

- Dams
- River
- Tributary
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary

PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lenth
FILE NAME	Untitled
PREPARED BY	AMJ

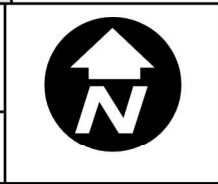
REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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

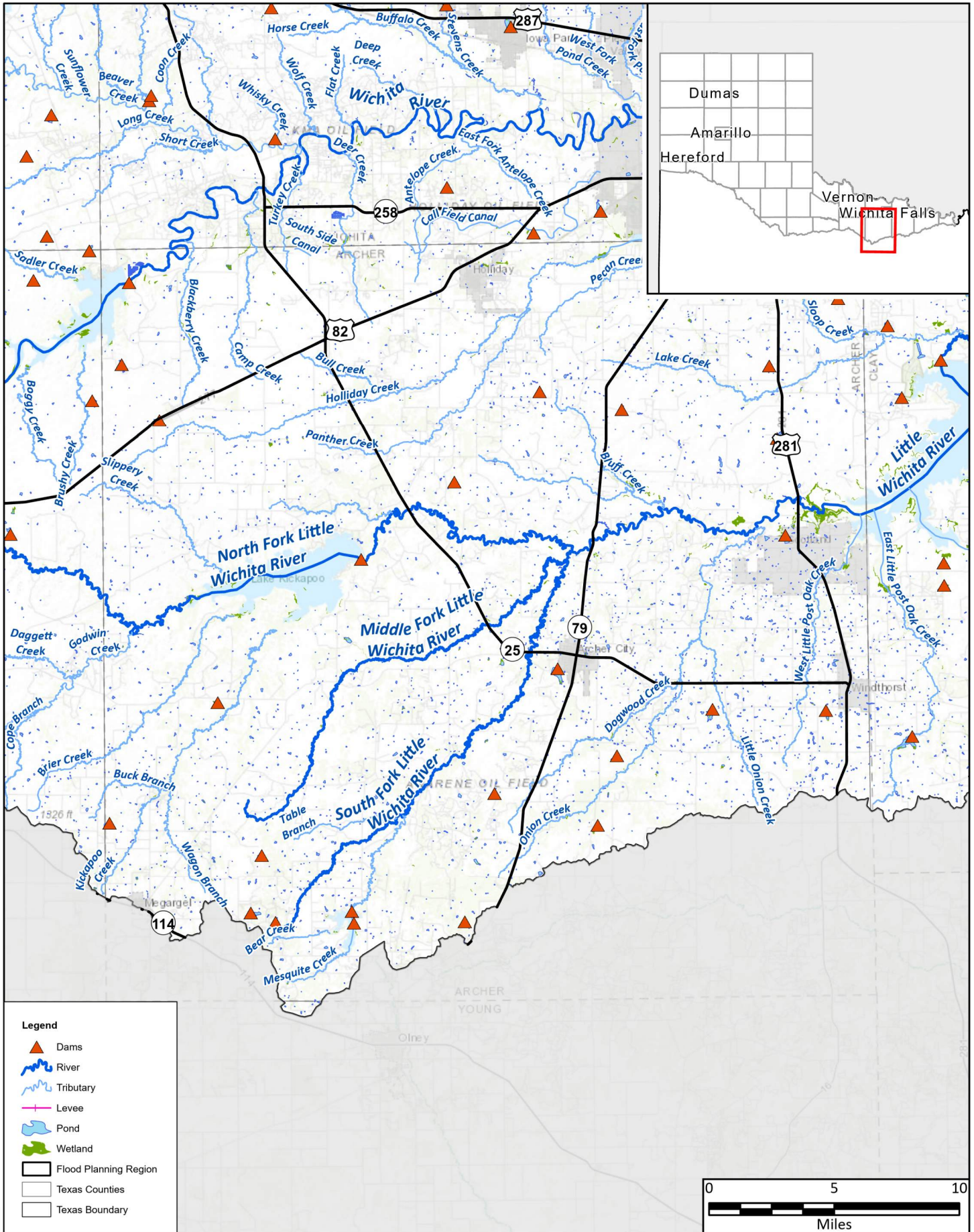
Region 1: Canadian - Upper Red

Baylor County

Existing Flood Infrastructure



Map 1
40 of 44



PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

FREESE NICHOLS

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 Fort Worth, Texas 76102

 Office: (817) 735-7300

Region 1: Canadian - Upper Red

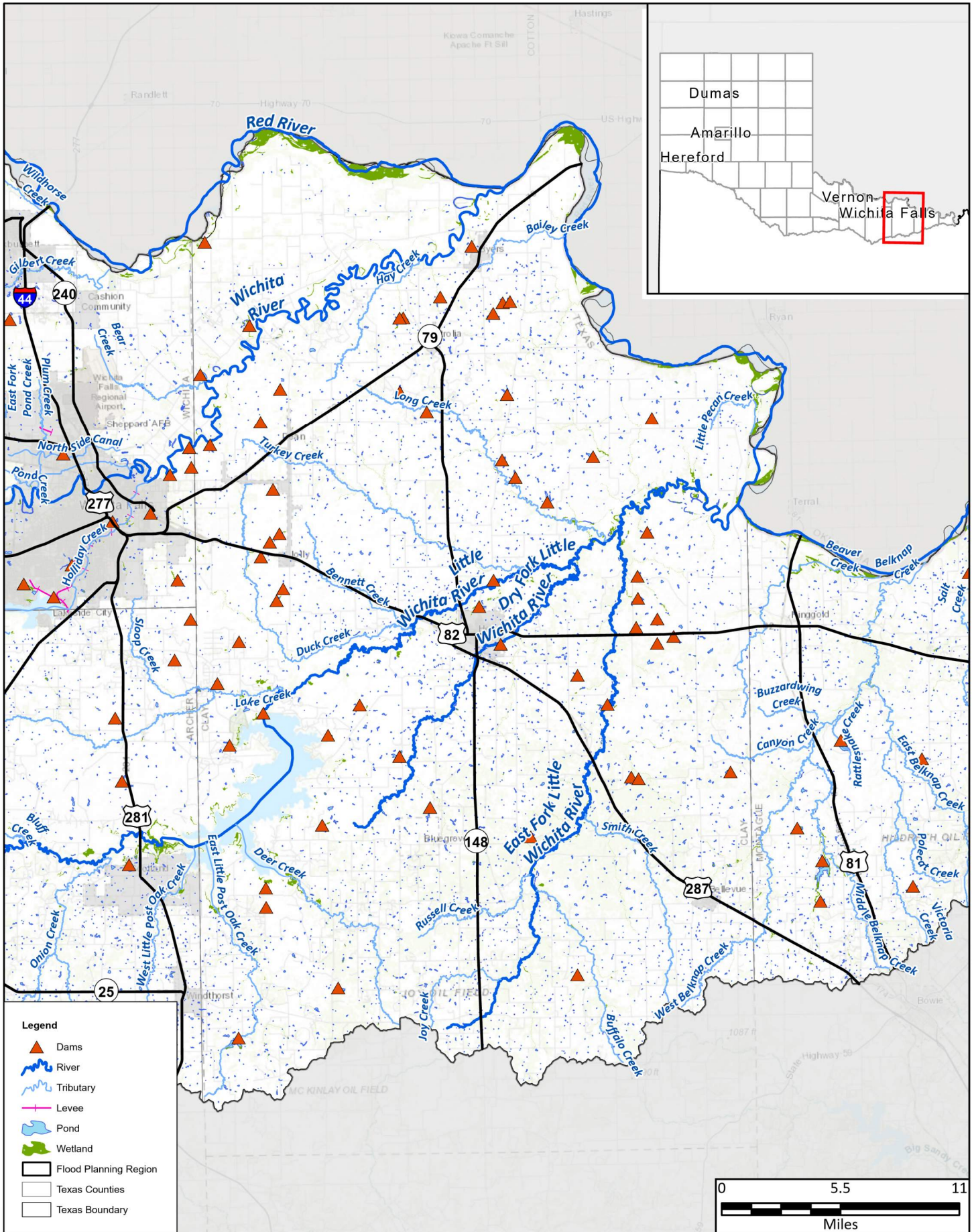
Archer County

 Existing Flood Infrastructure



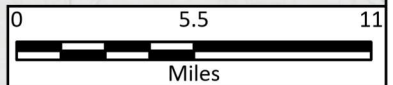
Map 1

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Legend

- Dams
- River
- Tributary
- Levee
- Pond
- Wetland
- Flood Planning Region
- Texas Counties
- Texas Boundary



PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lenthorn
FILE NAME	Untitled
PREPARED BY	AMJ

REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

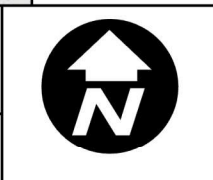
FREES NICHOLS

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

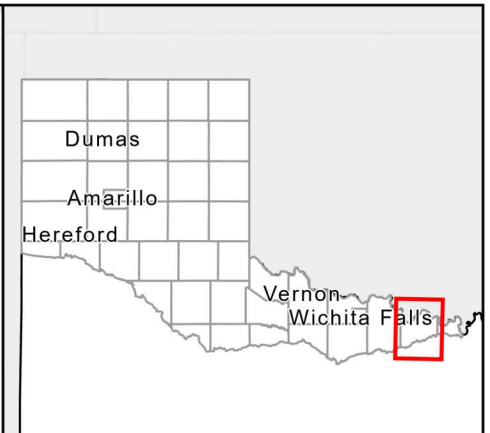
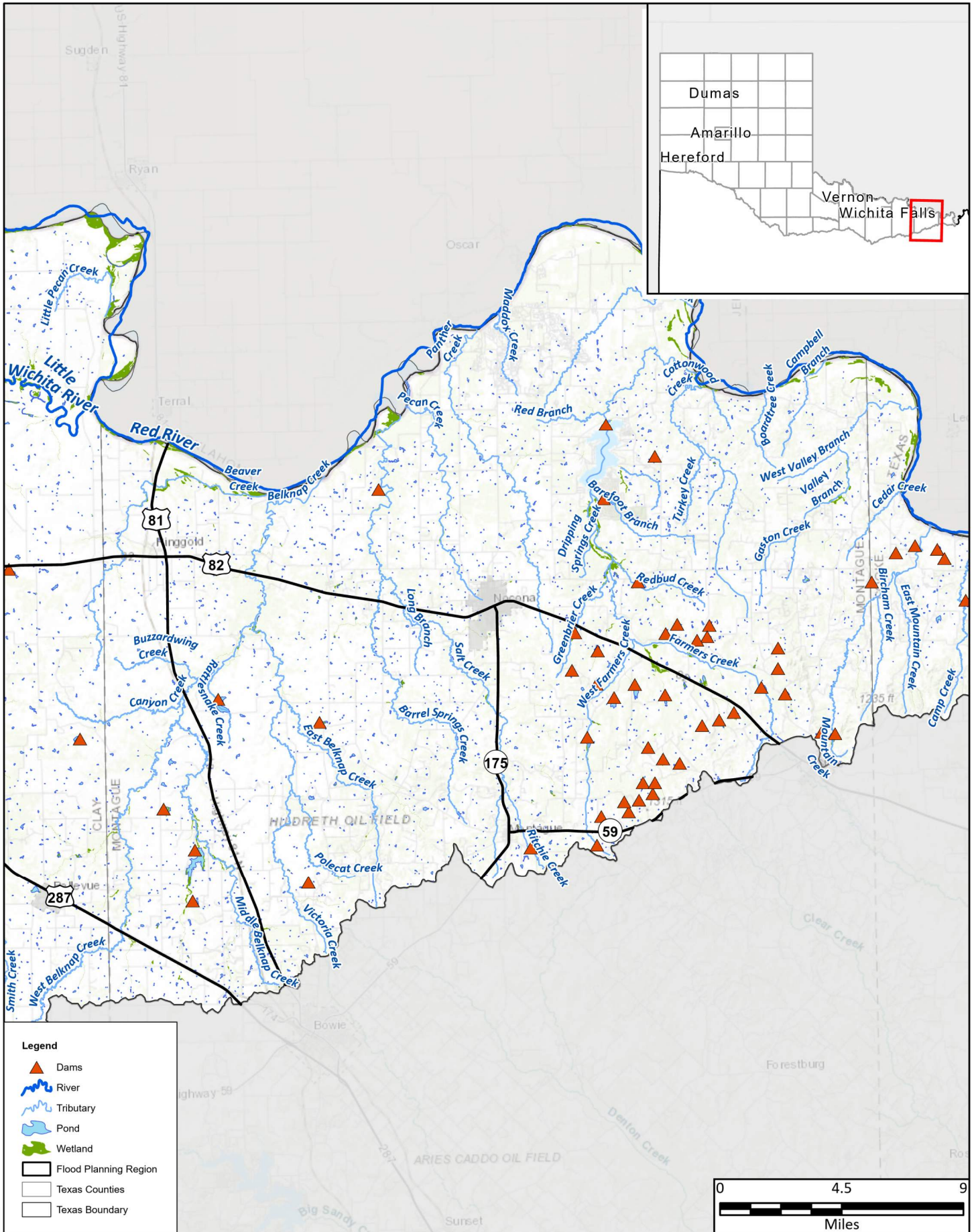
Region 1: Canadian - Upper Red

Clay County

Existing Flood Infrastructure



Map 1
42 of 44



PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lenth
FILE NAME	Untitled
PREPARED BY	AMJ

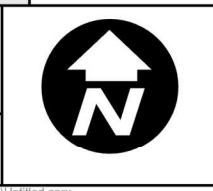
REGION CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

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

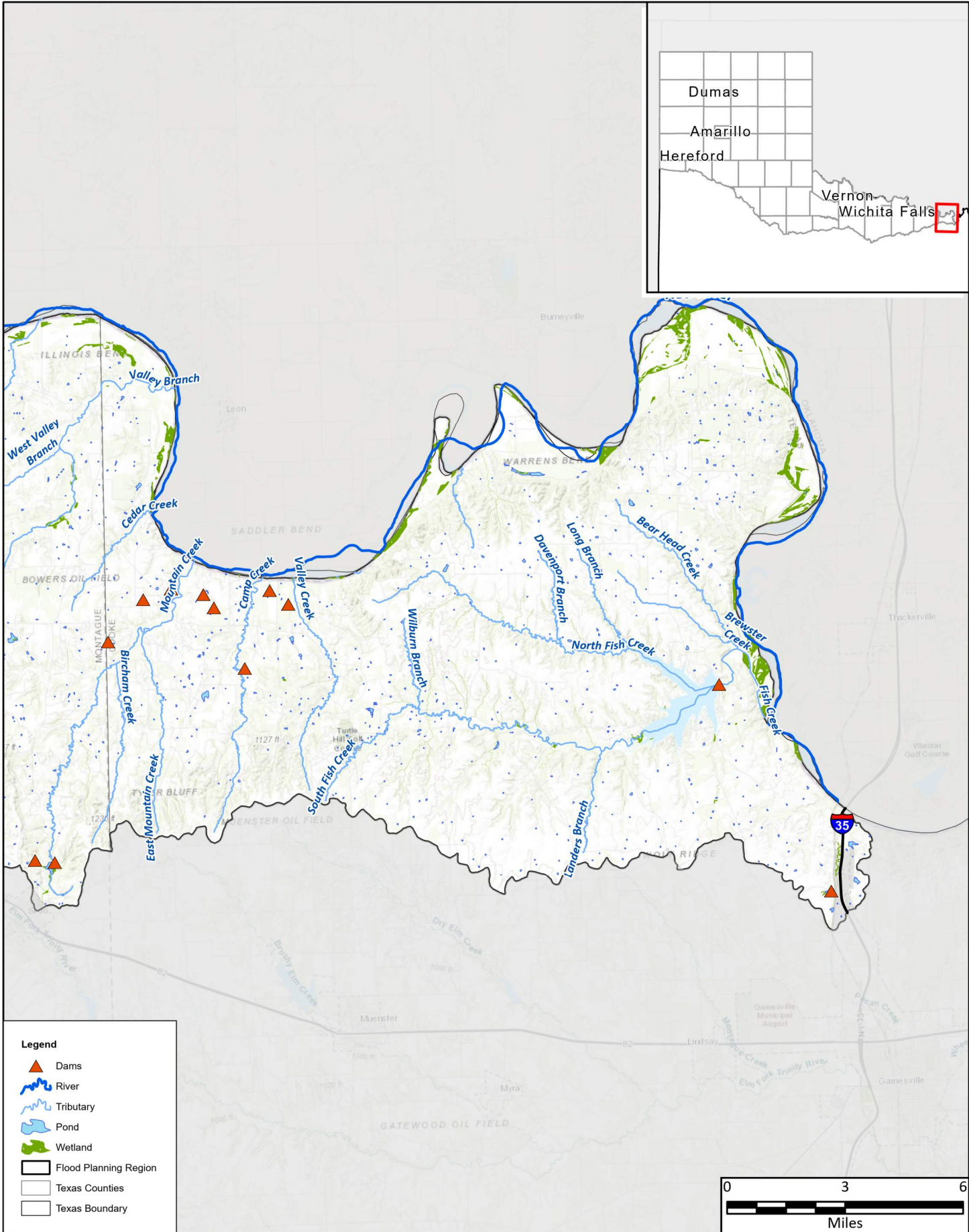
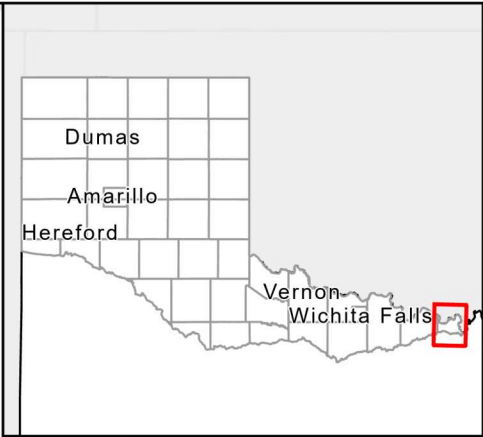
Region 1: Canadian - Upper Red

Montague County

Existing Flood Infrastructure



Map 1
43 of 44



PROJECT NO.	PPC21323
DATE CREATED	6/19/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mercator System Lambert
FILE NAME	Untitled
PREPARED BY	AMJ

REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

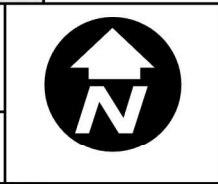
FREESE & NICHOLS

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

Region 1: Canadian - Upper Red

Cooke County

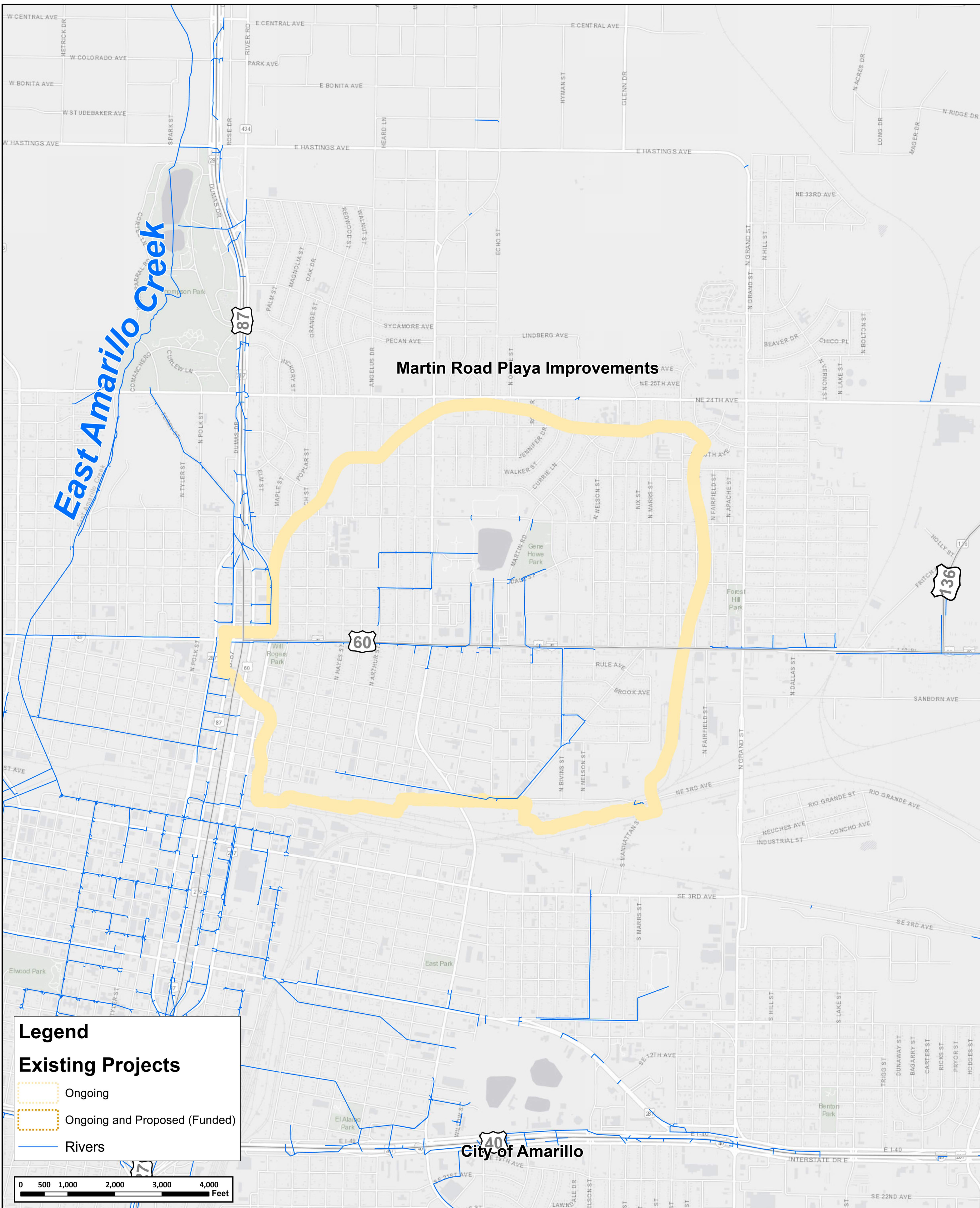
Existing Flood Infrastructure



Map 1
44 of 44

Appendix A-1 | A-1.2

Map 2 – Proposed or Ongoing Flood Mitigation Projects

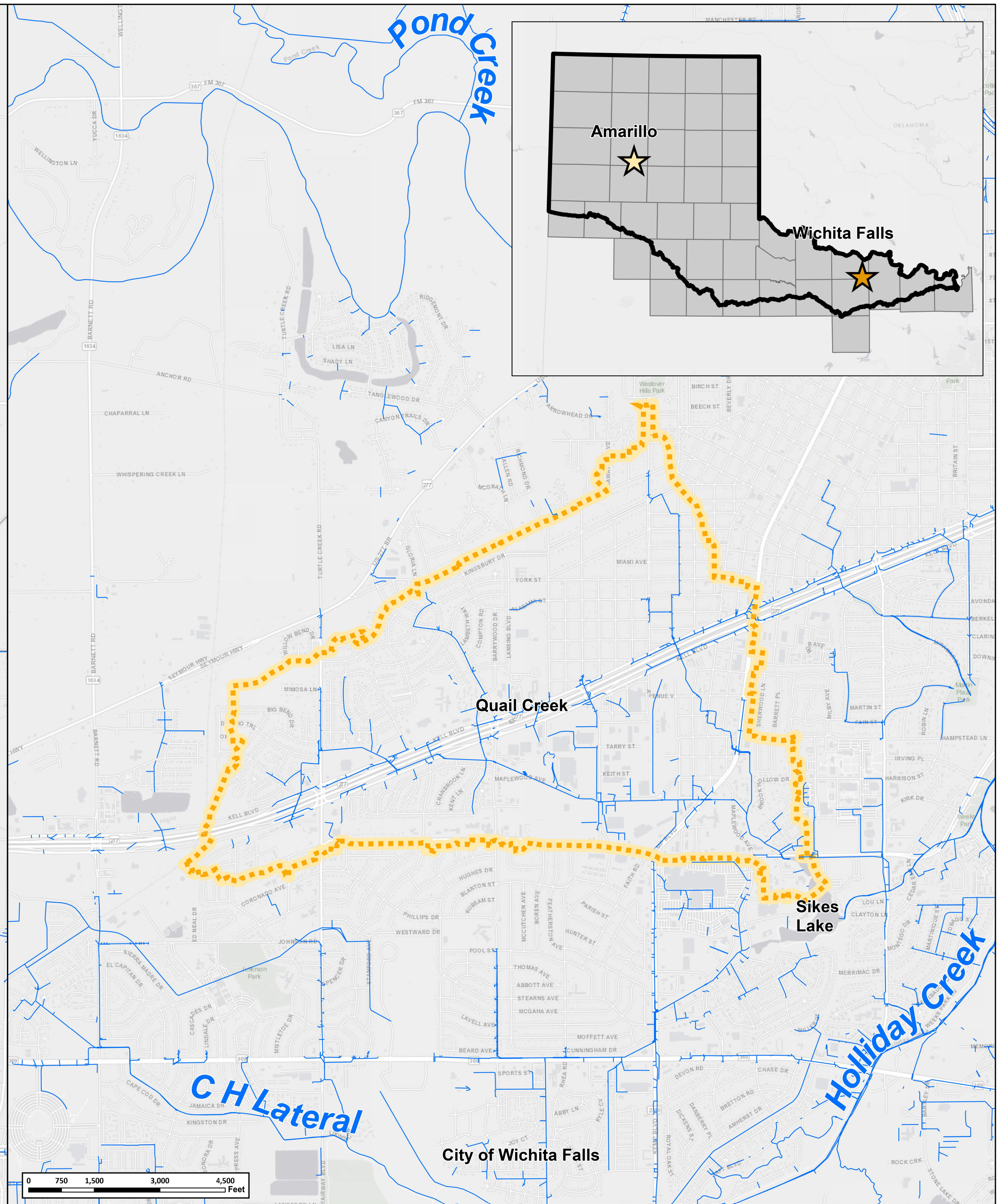
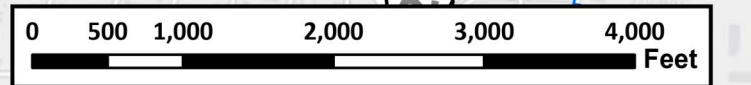


Martin Road Playa Improvements

Legend

Existing Projects

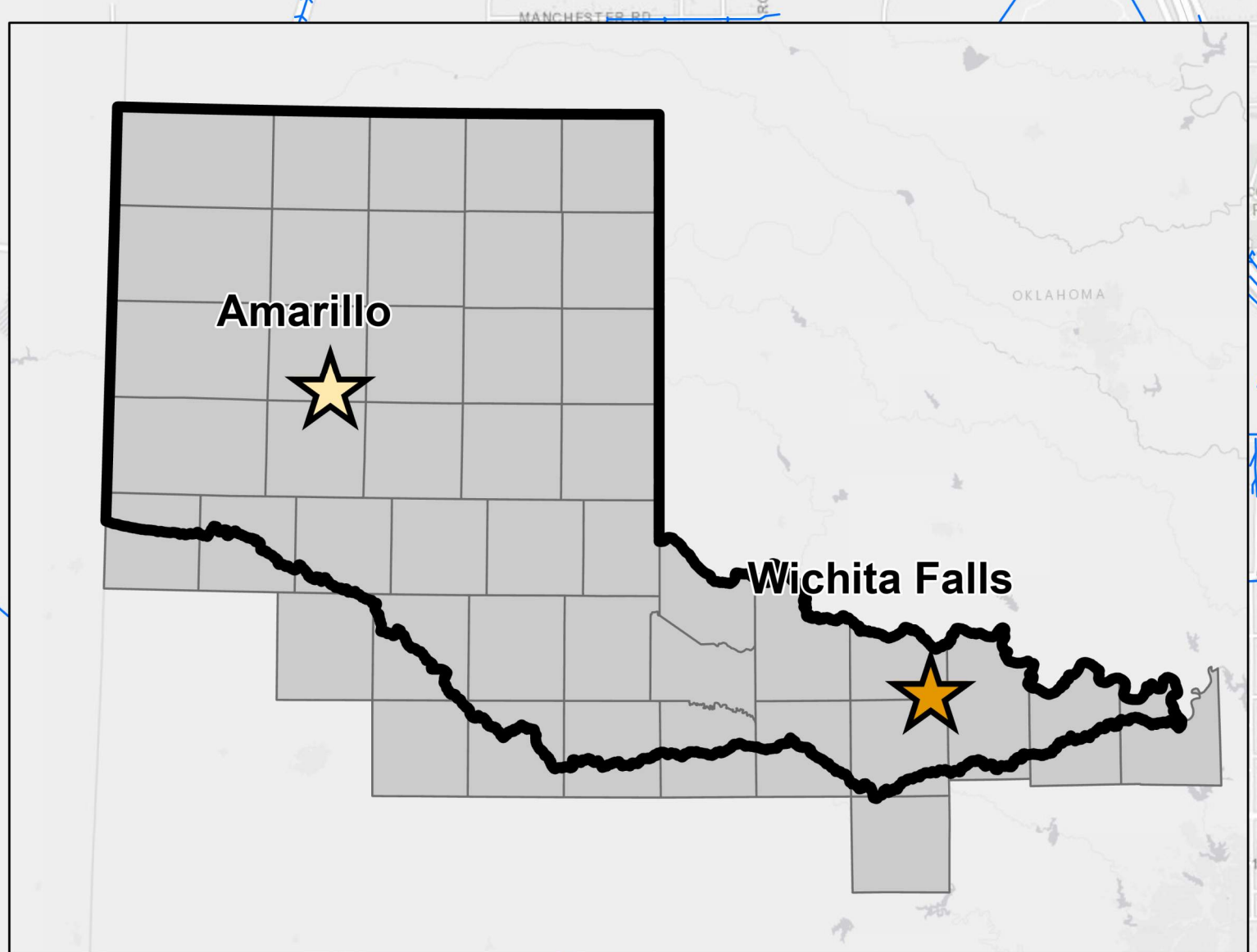
- Ongoing
- Ongoing and Proposed (Funded)
- Rivers



Quail Creek

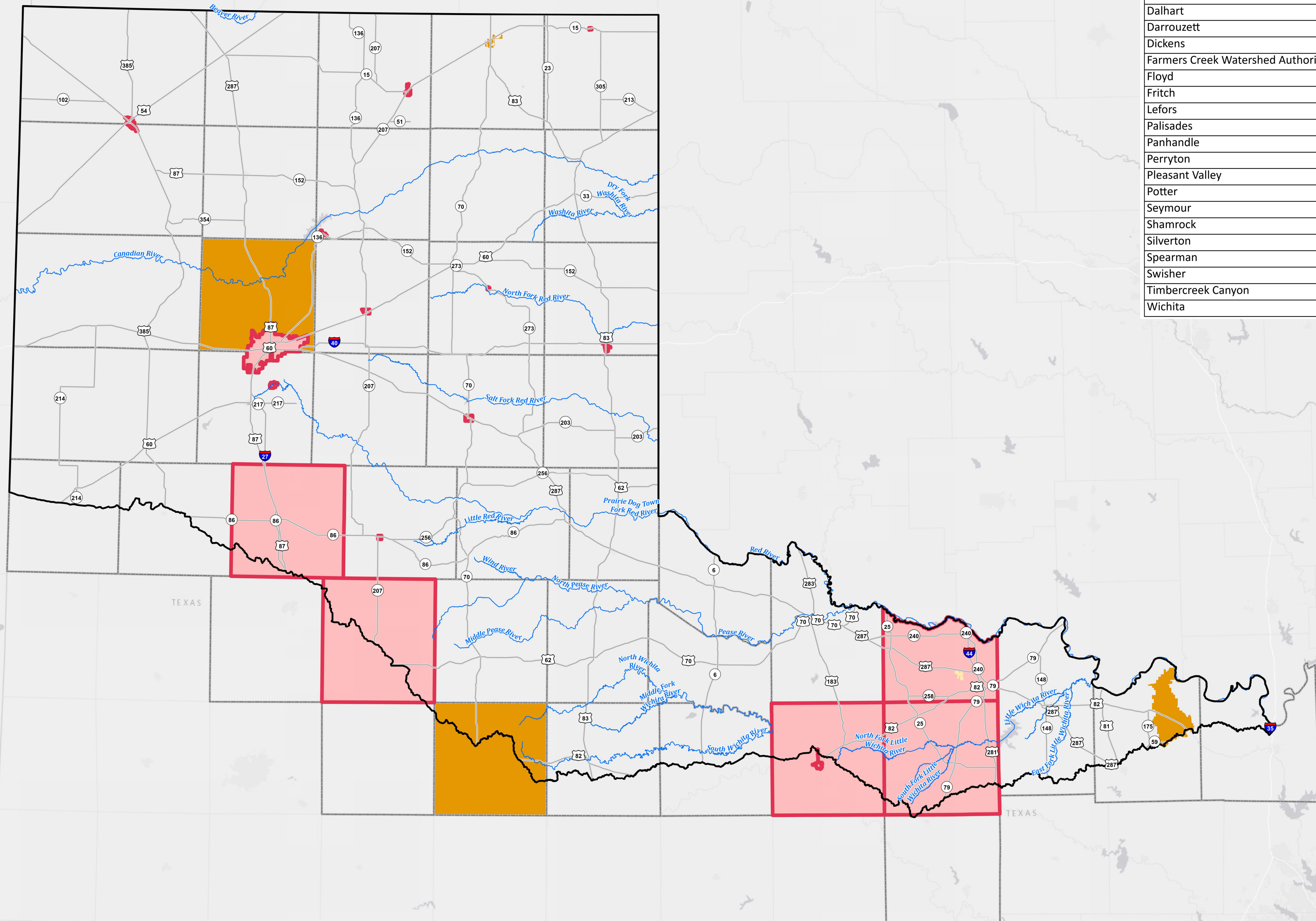
Sikes Lake

City of Wichita Falls

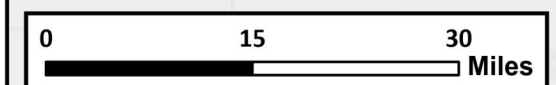


Appendix A-1 | A-1.3

Map 3 – Non-Functional or Deficient Flood Mitigation Features or Infrastructure



Stakeholder Response		
Entity Name	Nonfunctional	Deficient
Amarillo	Yes	Yes
Archer	Yes	Yes
Baylor	Yes	Yes
Clarendon	Yes	Yes
Dalhart	Yes	Yes
Darrouzett	Yes	Yes
Dickens	No	Yes
Farmers Creek Watershed Authority	No	Yes
Floyd	Yes	Yes
Fritch	Yes	Yes
Lefors	Yes	Yes
Palisades	Yes	Yes
Panhandle	Yes	Yes
Perryton	No	Yes
Pleasant Valley	Yes	No
Potter	No	Yes
Seymour	Yes	Yes
Shamrock	Yes	Yes
Silverton	Yes	Yes
Spearman	Yes	Yes
Swisher	Yes	Yes
Timbercreek Canyon	Yes	Yes
Wichita	Yes	Yes



Legend
 Nonfunctional
 Deficient
 Deficient and Nonfunctional
 Rivers
 Major Road
 County Boundary
 Region Boundary

Canadian - Upper Red Regional Flood Plan
Non-Functional or Deficient Flood Mitigation Features or Infrastructure

Appendix A-2 | A-2.1

Table 1 – Existing Flood Infrastructure Summary Table

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC8s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Infrastructure Dimensions					Level of Service (2-year, 10-year, LOS)	Condition (Functional, Non-functional, Unknown)	Condition Description	Deficiency (Deficient, Non-DEF_TYPE)	Deficiency Description	Population Protected by Infrastructure	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
												Diameter (ft)	Height (ft)	Width (ft)	Length (ft)	Area (acre)											
Multiple	01	Canadian-Upper Red	Wilbarger	Multiple	Multiple	Multiple	Various dams	Dams	22 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Wichita	Multiple	Multiple	Multiple	Various dams	Dams	27 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Wheeler	Multiple	Multiple	Multiple	Various dams	Dams	16 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Swisher	Multiple	Multiple	Multiple	Various dams	Dams	10 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Sherman	Multiple	Multiple	Multiple	Various dams	Dams	9 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Roberts	Multiple	Multiple	Multiple	Various dams	Dams	35 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Randall	Multiple	Multiple	Multiple	Various dams	Dams	11 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Potter	Multiple	Multiple	Multiple	Various dams	Dams	18 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
01000476	01	Canadian-Upper Red	Parmer	11120101	1112010104	1000826	FRYE LAKE DAM	Dams	FRYE LAKE DAM	Constructed	1/1/1962						Unknown	Unknown	Unknown	Unknown	Unknown		00000239, 00000271, 00000294	00000239, 00000271, 00000294			
Multiple	01	Canadian-Upper Red	Oldham	Multiple	Multiple	Multiple	Various dams	Dams	23 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Ochiltree	Multiple	Multiple	Multiple	Various dams	Dams	7 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Motley	Multiple	Multiple	Multiple	Various dams	Dams	8 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Morre	Multiple	Multiple	Multiple	Various dams	Dams	10 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Montague	Multiple	Multiple	Multiple	Various dams	Dams	45 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
01000382	01	Canadian-Upper Red	Lipscomb	11100202	1110020203	1000753	MILLER LAKE DAM	Dams	MILLER LAKE DAM	Constructed	1/1/1972						Unknown	Unknown	Unknown	Unknown	Unknown		00000271, 00000294, 01000250	00000271, 00000294, 01000250			
Multiple	01	Canadian-Upper Red	Knox	Multiple	Multiple	Multiple	Various dams	Dams	6 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
01000374	01	Canadian-Upper Red	King	11130205	1113020501	1000461	ASH CREEK TANK DAM	Dams	ASH CREEK TANK DAM	Constructed	1/1/1945						Unknown	Unknown	Unknown	Unknown	Unknown		00000218, 00000275, 00000294	00000218, 00000275, 00000294			
01000375	01	Canadian-Upper Red	King	11130205	1113020501	1000458	GUTHRIE LAKE DAM	Dams	GUTHRIE LAKE DAM	Constructed	1/1/1940						Unknown	Unknown	Unknown	Unknown	Unknown		00000218, 00000275, 00000294	00000218, 00000275, 00000294			
Multiple	01	Canadian-Upper Red	Huchinson	Multiple	Multiple	Multiple	Various dams	Dams	13 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Hemphill	Multiple	Multiple	Multiple	Various dams	Dams	66 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Hartley	Multiple	Multiple	Multiple	Various dams	Dams	5 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Hardeman	Multiple	Multiple	Multiple	Various dams	Dams	13 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Hansford	Multiple	Multiple	Multiple	Various dams	Dams	10 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Hall	Multiple	Multiple	Multiple	Various dams	Dams	30 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Gray	Multiple	Multiple	Multiple	Various dams	Dams	24 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Foard	Multiple	Multiple	Multiple	Various dams	Dams	13 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
01000198	01	Canadian-Upper Red	Floyd	11130103	1113010302	1000344	COGDELL LAKE DAM	Dams	COGDELL LAKE DAM	Constructed	1/1/1967						Unknown	Unknown	Unknown	Unknown	Unknown		00000199, 00000275, 00000294	00000199, 00000275, 00000294			
01000199	01	Canadian-Upper Red	Floyd	11130103	1113010302	1000346	MCWILLIAMS LAKE DAM	Dams	MCWILLIAMS LAKE DAM	Constructed	1/1/1961						Unknown	Unknown	Unknown	Unknown	Unknown		00000199, 00000275, 00000294	00000199, 00000275, 00000294			
Multiple	01	Canadian-Upper Red	Donley	Multiple	Multiple	Multiple	Various dams	Dams	13 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
01000184	01	Canadian-Upper Red	Dickens	11130104	1113010402	1000408	LUCRETIA CAMPBELL DAM	Dams	LUCRETIA CAMPBELL DAM	Constructed	1/1/1950						Unknown	Unknown	Unknown	Unknown	Unknown		00000219, 00000275, 00000294	00000219, 00000275, 00000294			
Multiple	01	Canadian-Upper Red	Deaf Smith	Multiple	Multiple	Multiple	Various dams	Dams	9 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
01000174	01	Canadian-Upper Red	Dallam	11100103	110010302	1000726	REYNOLDS DAM	Dams	REYNOLDS DAM	Constructed	1/1/1956						Unknown	Unknown	Unknown	Unknown	Unknown		00000271, 01000248	00000271, 01000248			
Multiple	01	Canadian-Upper Red	Cottle	Multiple	Multiple	Multiple	Various dams	Dams	11 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Cooke	Multiple	Multiple	Multiple	Various dams	Dams	10 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Collingsworth	Multiple	Multiple	Multiple	Various dams	Dams	5 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Clay	Multiple	Multiple	Multiple	Various dams	Dams	57 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Childress	Multiple	Multiple	Multiple	Various dams	Dams	16 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Castro	Multiple	Multiple	Multiple	Various dams	Dams	3 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Carson	Multiple	Multiple	Multiple	Various dams	Dams	4 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Briscoe	Multiple	Multiple	Multiple	Various dams	Dams	22 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Baylor	Multiple	Multiple	Multiple	Various dams	Dams	14 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Armstrong	Multiple	Multiple	Multiple	Various dams	Dams	5 dams	Constructed	Multiple						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC8s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Infrastructure Dimensions					Level of Service (2-year, 10-year, LOS)	Condition (Functional, Non-functional, Unknown)	Condition Description	Deficiency (Deficient, Non-DEF_TYPE)	Deficiency Description	Population Protected by Infrastructure	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
												Diameter (ft)	Height (ft)	Width (ft)	Length (ft)	Area (acre)											
Multiple	01	Canadian-Upper Red	Potter, Randall	Multiple	Multiple	Multiple	City of Amarillo stormwater inlets	Other	3,775 stormwater inlet locations provided by Amarillo	Constructed	Unknown					Unknown	Unknown	Entity indicated that approximate 25% of closed storm drainage system is non-functional due to lack of adequate standards during original construction.	Unknown	Entity indicated that approximately 75% of closed storm drainage system is deficient due to lack of adequate standards during initial construction.		01002770	01002770				
Multiple	01	Canadian-Upper Red	Gray	Multiple	Multiple	Multiple	City of Pampa stormwater inlets	Other	304 stormwater inlet locations provided by Pampa	Constructed	Unknown					Unknown	Unknown	Entity indicated that approximate 25% of closed storm drainage system is non-functional due to inadequate budget to construct proper system.	Unknown	Entity indicated that approximately 50% of closed storm drainage system is deficient due to inadequate budget to maintain system.		01002426	01002426				
Multiple	01	Canadian-Upper Red	Wichita, Archer	Multiple	Multiple	Multiple	City of Wichita Falls stormwater inlets	Other	4593 stormwater inlet locations provided by Wichita Falls	Constructed	Unknown					Unknown	Unknown	Entity indicated that approximate 25% of closed storm drainage system is non-functional due to lack of adequate standards during original construction and inadequate budget to construct proper system.	Unknown	Entity indicated that approximately 50% of closed storm drainage system is deficient due to lack of adequate standards during initial construction, inadequate budget to maintain system, and infrastructure reaching the end of its useful life.		01000195	01000195				
Multiple	01	Canadian-Upper Red	Archer	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	153 LWC from TNRIIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown					Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Armstrong	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	27 LWC from TNRIIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown					Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Briscoe	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	2 LWC from TNRIIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown					Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Carson	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	12 LWC from TNRIIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown					Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Castro	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	53 LWC from TNRIIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown					Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Childress	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	8 LWC from TNRIIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown					Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Clay	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	122 LWC from TNRIIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown					Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Collingsworth	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	5 LWC from TNRIIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown					Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Cooke	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	40 LWC from TNRIIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown					Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Cottle	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	5 LWC from TNRIIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown					Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Dallam	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	22 LWC from TNRIIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown					Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Deaf Smith	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	25 LWC from TNRIIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown					Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC8s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Infrastructure Dimensions					Level of Service (2-year, 10-year, LOS)	Condition (Functional, Non-functional, Unknown)	Condition Description	Deficiency (Deficient, Non-DEF_TYPE)	Deficiency Description	Population Protected by Infrastructure	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
												Diameter (ft)	Height (ft)	Width (ft)	Length (ft)	Area (acre)											
01001099	01	Canadian-Upper Red	Dickens	11130104	1113010402	1000406	UNVENTED FORD ON CR 132 OVER WASHOUT CREEK, TRIB	Low Water Crossings	1 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Donley	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	9 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Floyd	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	37 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Foard	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	4 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Gray	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	14 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Hall	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	22 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Hansford	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	19 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Hardeman	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	6 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Hartley	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	63 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Hemphill	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	6 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Hutchison	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	10 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
01001290	01	Canadian-Upper Red	King	11130204	1113020401	1000436	5 MI W OF US 83	Low Water Crossings	1 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Lipscomb	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	6 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Montague	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	136 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Moore	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	13 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Motley	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	6 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
01001452	01	Canadian-Upper Red	Ochiltree	11100202	1110020202	01000756	VENTED FORD ON COUNTY RD U OVER WOLF CREEK	Low Water Crossings	1 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Oldham	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	30 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Parmer	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	11 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Potter	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	14 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Randall	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	20 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown						Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC8s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Infrastructure Dimensions					Level of Service (2-year, 10-year, LOS)	Condition (Functional, Non-functional, Unknown)	Condition Description	Deficiency (Deficient, Non-DEF_TYPE)	Deficiency Description	Population Protected by Infrastructure	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
												Diameter (ft)	Height (ft)	Width (ft)	Length (ft)	Area (acre)											
Multiple	01	Canadian-Upper Red	Roberts	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	5 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown					Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Sherman	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	10 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown					Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Swisher	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	15 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown					Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Wheeler	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	4 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown					Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Wichita	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	267 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown					Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Wilbarger	Multiple	Multiple	Multiple	Various low water crossings	Low Water Crossings	45 LWC from TNRRIS low water crossing inventory and TxDOT closure reports	Constructed	Unknown					Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Multiple	11090101	Multiple	Multiple	Middle Canadian-Trujillo Watershed rivers and tributaries	River, Tributary	446 stream miles including tributaries; 1150 square miles of contributing drainage area	Combination	Unknown			2,356,944		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Multiple	11090102	Multiple	Multiple	Punta de Agua Watershed rivers and tributaries	River, Tributary	115 stream miles including tributaries; 585 square miles of contributing drainage area	Combination	Unknown			608,164		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Multiple	11090103	Multiple	Multiple	Rita Blanca Watershed rivers and tributaries	River, Tributary	119 stream miles including tributaries; 665 square miles of contributing drainage area	Combination	Unknown			629,987		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Multiple	11090104	Multiple	Multiple	Carrizo Watershed rivers and tributaries	River, Tributary	38 stream miles including tributaries; 287 square miles of contributing drainage area	Combination	Unknown			202,850		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Multiple	11090105	Multiple	Multiple	Lake Meredith Watershed rivers and tributaries	River, Tributary	981 stream miles including tributaries; 2025 square miles of contributing drainage area	Combination	Unknown			5,181,737		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Multiple	11090106	Multiple	Multiple	Middle Canadian-Spring Watershed rivers and tributaries	River, Tributary	1233 stream miles including tributaries; 2759 square miles of contributing drainage area	Combination	Unknown			6,508,170		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Multiple	11090201	Multiple	Multiple	Lower Canadian-Deer Watershed rivers and tributaries	River, Tributary	9 stream miles including tributaries; 43 square miles of contributing drainage area	Combination	Unknown			47,623		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Multiple	11100101	Multiple	Multiple	Upper Beaver Watershed rivers and tributaries	River, Tributary	18 stream miles including tributaries; 162 square miles of contributing drainage area	Combination	Unknown			92,633		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Multiple	11100102	Multiple	Multiple	Middle Beaver Watershed rivers and tributaries	River, Tributary	0 stream miles including tributaries; 2 square miles of contributing drainage area	Combination	Unknown			1,328		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Multiple	11100103	Multiple	Multiple	Coldwater Watershed rivers and tributaries	River, Tributary	197 stream miles including tributaries; 1630 square miles of contributing drainage area	Combination	Unknown			1,038,389		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				
Multiple	01	Canadian-Upper Red	Multiple	11100104	Multiple	Multiple	Palo Duro Watershed rivers and tributaries	River, Tributary	271 stream miles including tributaries; 1798 square miles of contributing drainage area	Combination	Unknown			1,433,370		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple				

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC8s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Infrastructure Dimensions					Level of Service (2-year, 10-year, LOS)	Condition (Functional, Non-functional, Unknown)	Condition Description	Deficiency (Deficient, Non-DEF_TYPE)	Deficiency Description	Population Protected by Infrastructure	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
												Diameter (ft)	Height (ft)	Width (ft)	Length (ft)	Area (acre)											
Multiple	01	Canadian-Upper Red	Multiple	11100201	Multiple	Multiple	Lower Beaver Watershed rivers and tributaries	River, Tributary	142 stream miles including tributaries; 452 square miles of contributing drainage area	Combination	Unknown				750,737		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11100202	Multiple	Multiple	Upper Wolf Watershed rivers and tributaries	River, Tributary	287 stream miles including tributaries; 835 square miles of contributing drainage area	Combination	Unknown				1,516,573		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11100203	Multiple	Multiple	Lower Wolf Watershed rivers and tributaries	River, Tributary	178 stream miles including tributaries; 438 square miles of contributing drainage area	Combination	Unknown				940,068		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11120101	Multiple	Multiple	Tierra Blanca Watershed rivers and tributaries	River, Tributary	178 stream miles including tributaries; 1283 square miles of contributing drainage area	Combination	Unknown				941,312		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11120102	Multiple	Multiple	Palo Duro Watershed rivers and tributaries	River, Tributary	107 stream miles including tributaries; 959 square miles of contributing drainage area	Combination	Unknown				567,025		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11120103	Multiple	Multiple	Upper Prairie Dog Town Fork Red Watershed rivers and tributaries	River, Tributary	867 stream miles including tributaries; 2153 square miles of contributing drainage area	Combination	Unknown				4,577,162		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11120104	Multiple	Multiple	Tule Watershed rivers and tributaries	River, Tributary	111 stream miles including tributaries; 1275 square miles of contributing drainage area	Combination	Unknown				585,702		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11120105	Multiple	Multiple	Lower Prairie Dog Town Fork Red Watershed rivers and tributaries	River, Tributary	718 stream miles including tributaries; 1427 square miles of contributing drainage area	Combination	Unknown				3,788,558		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11120201	Multiple	Multiple	Upper Salt Fork Red Watershed rivers and tributaries	River, Tributary	368 stream miles including tributaries; 741 square miles of contributing drainage area	Combination	Unknown				1,941,323		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11120202	Multiple	Multiple	Lower Salt Fork Red Watershed rivers and tributaries	River, Tributary	222 stream miles including tributaries; 540 square miles of contributing drainage area	Combination	Unknown				1,174,635		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11120301	Multiple	Multiple	Upper North Fork Red Watershed rivers and tributaries	River, Tributary	267 stream miles including tributaries; 1179 square miles of contributing drainage area	Combination	Unknown				1,410,041		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11120302	Multiple	Multiple	Middle North Fork Red Watershed rivers and tributaries	River, Tributary	314 stream miles including tributaries; 790 square miles of contributing drainage area	Combination	Unknown				1,657,872		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11120304	Multiple	Multiple	Elm Fork Red Watershed rivers and tributaries	River, Tributary	162 stream miles including tributaries; 365 square miles of contributing drainage area	Combination	Unknown				857,003		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11130101	Multiple	Multiple	Groesbeck-Sandy Watershed rivers and tributaries	River, Tributary	220 stream miles including tributaries; 801 square miles of contributing drainage area	Combination	Unknown				1,159,900		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11130102	Multiple	Multiple	Blue-China Watershed rivers and tributaries	River, Tributary	159 stream miles including tributaries; 377 square miles of contributing drainage area	Combination	Unknown				842,095		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11130103	Multiple	Multiple	North Pease Watershed rivers and tributaries	River, Tributary	550 stream miles including tributaries; 1491 square miles of contributing drainage area	Combination	Unknown				2,902,101		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC8s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Infrastructure Dimensions					Level of Service (2-year, 10-year, LOS)	Condition (Functional, Non-functional, Unknown)	Condition Description	Deficiency (Deficient, Non-DEF_TYPE)	Deficiency Description	Population Protected by Infrastructure	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
												Diameter (ft)	Height (ft)	Width (ft)	Length (ft)	Area (acre)											
Multiple	01	Canadian-Upper Red	Multiple	11130104	Multiple	Multiple	Middle Pease Watershed rivers and tributaries	River, Tributary	530 stream miles including tributaries; 1367 square miles of contributing drainage area	Combination	Unknown				2,799,386		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11130105	Multiple	Multiple	Pease Watershed rivers and tributaries	River, Tributary	436 stream miles including tributaries; 801 square miles of contributing drainage area	Combination	Unknown				2,304,597		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11130201	Multiple	Multiple	Farmers-Mud Watershed rivers and tributaries	River, Tributary	494 stream miles including tributaries; 833 square miles of contributing drainage area	Combination	Unknown				2,608,253		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11130204	Multiple	Multiple	North Wichita Watershed rivers and tributaries	River, Tributary	518 stream miles including tributaries; 1094 square miles of contributing drainage area	Combination	Unknown				2,734,409		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11130205	Multiple	Multiple	South Wichita Watershed rivers and tributaries	River, Tributary	346 stream miles including tributaries; 688 square miles of contributing drainage area	Combination	Unknown				1,827,463		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11130206	Multiple	Multiple	Wichita Watershed rivers and tributaries	River, Tributary	771 stream miles including tributaries; 1020 square miles of contributing drainage area	Combination	Unknown				4,073,042		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11130207	Multiple	Multiple	Southern Beaver Watershed rivers and tributaries	River, Tributary	502 stream miles including tributaries; 678 square miles of contributing drainage area	Combination	Unknown				2,648,346		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11130209	Multiple	Multiple	Little Wichita Watershed rivers and tributaries	River, Tributary	784 stream miles including tributaries; 1479 square miles of contributing drainage area	Combination	Unknown				4,138,204		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Multiple	11130301	Multiple	Multiple	Washita Headwaters Watershed rivers and tributaries	River, Tributary	167 stream miles including tributaries; 448 square miles of contributing drainage area	Combination	Unknown				883,109		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Multiple	01	Canadian-Upper Red	Potter, Randall	11090105, 11120102, 11120103, 11120301	110901050308, 110901050309, 110901050402, 111201020303, 111201020304, 111201030101, 111201030102, 111201030103, 111201030106, 111201030107, 111203010101, 111203010102	01000110, 01000121, 01000124, 01000211, 01000212, 01000215, 01000220, 01000257, 01000323, 01000325, 01000685, 01000696	City of Amarillo Storm Drain System	Storm Drain System	184 miles of closed storm drain infrastructure	Constructed	Unknown				971,157		Unknown	Unknown	Entity indicated that approximate 25% of closed storm drainage system is non-functional due to lack of adequate standards during original construction.	Unknown	Entity indicated that approximately 75% of closed storm drainage system is deficient due to lack of adequate standards during initial construction.		01002770	01002770			
Multiple	01	Canadian-Upper Red	Archer, Wichita	11130206, 11130200	111302060303, 111302060304, 111302060407, 111302060501, 111302090503	01000468, 01000477, 01000483, 01000487, 01000538	City of Wichita Falls Storm Drain System	Storm Drain System	145 miles of closed storm drain infrastructure	Constructed	Unknown				1,120,454		Unknown	Unknown	Entity indicated that approximate 25% of closed storm drainage system is non-functional due to lack of adequate standards during original construction and inadequate budget to construct proper system.	Unknown	Entity indicated that approximately 50% of closed storm drainage system is deficient due to lack of adequate standards during initial construction, lack of budget for maintenance, and infrastructure reaching the end of its useful life.		01000195	01000195			
01000001	01	Canadian-Upper Red	Armstrong	11120201	111202010103	01000297	Armstrong East Levee - Agricultural Levee	Levees	0.9 miles	Constructed	Unknown				4,781		Unknown	Unknown	Unknown	Unknown	Unknown		01000242	01000242			
01000002	01	Canadian-Upper Red	Armstrong	11120201	111202010103	01000297	Armstrong West Levee - Agricultural Levee	Levees	0.7 miles	Constructed	Unknown				3,669		Unknown	Unknown	Unknown	Unknown	Unknown		01000242	01000242			
01000003	01	Canadian-Upper Red	Wichita	11130206	111302060304	01000487	McGrath Creek Channel	Levees	0.9 miles	Constructed	Unknown				4,680		Unknown	Unknown	Unknown	Unknown	Unknown		01003331	01003331			

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUCs	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Infrastructure Dimensions					Level of Service (2-year, 10-year, LOS)	Condition (Functional, Non-functional, Unknown)	Condition Description	Deficiency (Deficient, Non-DEF_TYPE)	Deficiency Description	Population Protected by Infrastructure	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs
												Diameter (ft)	Height (ft)	Width (ft)	Length (ft)	Area (acre)											
01000004	01	Canadian-Upper Red	Wichita	11130206	111302060407	01000483	Plum Creek Channel	Levees	0.6 miles	Constructed	Unknown				3,290		Unknown	Unknown	Unknown	Unknown	Unknown		01003331	01003331			
01000005	01	Canadian-Upper Red	Archer, Wichita	11130206	111302060303, 111302060407, 111302060304	01000477, 01000483, 01000487	Holiday Creek Channel	Levees	10.7 miles	Constructed	Unknown				56,519		Unknown	Unknown	Unknown	Unknown	Unknown		01003331	01003331			
Multiple	01	Canadian-Upper Red	Wichita	11130206	111302060303, 111302060304, 111302060407, 111302060501	01000468, 01000477, 01000483, 01000487	City of Wichita Falls Open Channels	Other	City of Wichita Falls Open Channels; 67 miles	Constructed	Unknown				355,456		Unknown	Unknown	Entity indicated that approximate 50% of channels are non-functional due to lack of adequate standards during original construction and lack of budget to construct proper system.	Unknown	Entity indicated that approximately 50% of channels are deficient due to lack of adequate standards during initial construction, impacts from development, and inadequate budget to maintain system.		01000195	01000195			
Various	01	Canadian-Upper Red	Multiple	Multiple	Multiple	Multiple	Various wetlands	Wetlands	Freshwater emergent and freshwater forested shrub wetlands	Natural	N/A				193,012.40		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Various	01	Canadian-Upper Red	Multiple	Multiple	Multiple	Multiple	Various playas	Playas	9,302 playa features	Natural	N/A				204,562.90		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
Various	01	Canadian-Upper Red	Multiple	Multiple	Multiple	Multiple	Various ponds	Ponds	25,130 pond features	Combination	Unknown				32,588.30		Unknown	Unknown	Unknown	Unknown	Unknown		Multiple	Multiple			
01000001	01	Canadian-Upper Red	Archer	11130209	111302090201	01000511	Lake Cooper	Reservoir	Reservoir - 93337986	Constructed	Unknown				255.1147		Unknown	Unknown	Unknown	Unknown	Unknown		00000223, 00000269, 00000294	00000223, 00000269, 00000294			
01000002	01	Canadian-Upper Red	Archer	11130209, 11130209, 11130209	111302090106, 111302090104, 111302090107	01000510, 01000513, 01000516	Lake Kickapoo	Reservoir	Reservoir - 93326386	Constructed	Unknown				6010.9228		Unknown	Unknown	Unknown	Unknown	Unknown		00000223, 00000269, 00000294	00000223, 00000269, 00000294			
01000003	01	Canadian-Upper Red	Archer	11130209	111302090201	01000511	Lake Olney	Reservoir	Reservoir - 93338074	Constructed	Unknown				203.06678		Unknown	Unknown	Unknown	Unknown	Unknown		00000223, 00000269, 00000294	00000223, 00000269, 00000294			
01000004	01	Canadian-Upper Red	Archer, Wichita	11130206	111302060303	01000477	Lake Wichita	Reservoir	Reservoir - 129087360	Constructed	Unknown				2047.2033		Unknown	Unknown	Unknown	Unknown	Unknown		00000223, 00000269, 00000294, 01000195, 01001522, 01001535, 01003331, 01003496	00000223, 00000269, 00000294, 01000195, 01001522, 01001535, 01003331, 01003496			
01000005	01	Canadian-Upper Red	Baylor	11130206, 11130206, 11130206, 11130206, 11130206	111302060106, 111302060107, 111302060108, 111302060104, 111302060105	01000471, 01000472, 01000475, 01000478, 01000479	Lake Kemp	Reservoir	Reservoir - 129087753	Constructed	Unknown				15322.398		Unknown	Unknown	Unknown	Unknown	Unknown		00000220, 00000269, 00000294	00000220, 00000269, 00000294			
01000006	01	Canadian-Upper Red	Baylor, Archer	11130206, 11130206	111302060202, 111302060203	01000480, 01000481	Lake Diversion	Reservoir	Reservoir - 129087839	Constructed	Unknown				3285.9862		Unknown	Unknown	Unknown	Unknown	Unknown		00000220, 00000223, 00000269, 00000294	00000220, 00000223, 00000269, 00000294			
01000007	01	Canadian-Upper Red	Briscoe	11120104	111201040504	01000291	Tule Creek Lake	Reservoir	Reservoir - 126935629	Constructed	Unknown				274.81052		Unknown	Unknown	Unknown	Unknown	Unknown		00000271, 00000294, 01000236, 01000305	00000271, 00000294, 01000236, 01000305			
01000008	01	Canadian-Upper Red	Childress	11120105	111201050302	01000849	Baylor Lake	Reservoir	Reservoir - 91861639	Constructed	Unknown				132.01879		Unknown	Unknown	Unknown	Unknown	Unknown		00000271, 00000294, 01000234, 01001282	00000271, 00000294, 01000234, 01001282			
01000009	01	Canadian-Upper Red	Clay, Archer	11130209, 11130209, 11130209, 11130209, 11130209	111302090301, 111302090303, 111302090208, 111302090302, 111302090304	01000520, 01000524, 01000527, 01000530, 01000531	Lake Arrowhead	Reservoir	Reservoir - 93322908	Constructed	Unknown				13748.304		Unknown	Unknown	Unknown	Unknown	Unknown		00000194, 00000223, 00000269, 00000294, 01002651	00000194, 00000223, 00000269, 00000294, 01002651			
01000010	01	Canadian-Upper Red	Cooke	11130201	111302010707	01000635	Hubert M Moss Lake	Reservoir	Reservoir - 148330483	Constructed	Unknown				1127.7151		Unknown	Unknown	Unknown	Unknown	Unknown		00000189, 00000277, 00000294	00000189, 00000277, 00000294			
01000011	01	Canadian-Upper Red	Donley	11120201	111202010108	01000301	Greenbelt Reservoir	Reservoir	Reservoir - 91903819	Constructed	Unknown				1019.1494		Unknown	Unknown	Unknown	Unknown	Unknown		00000271, 00000294, 01000241, 01001282	00000271, 00000294, 01000241, 01001282			
01000012	01	Canadian-Upper Red	Hansford	11100104	111001040313, 111001040315, 111001040312	01000170, 01000184, 01000193	Palo Duro	Reservoir	Reservoir - 137939868	Constructed	Unknown				224.35414		Unknown	Unknown	Unknown	Unknown	Unknown		00000271, 01000252, 01000312	00000271, 01000252, 01000312			
01000013	01	Canadian-Upper Red	Hardeman	11130101	111301010401	01000876	Lake Pauline	Reservoir	Reservoir - 138575750	Constructed	Unknown				583.11865		Unknown	Unknown	Unknown	Unknown	Unknown		00000269, 00000294, 01000204, 01001282	00000269, 00000294, 01000204, 01001282			
01000014	01	Canadian-Upper Red	Hartley	11090103	110901030408	01000812	Rita Blanca Lake	Reservoir	Reservoir - 125250913	Constructed	Unknown				302.08627		Unknown	Unknown	Unknown	Unknown	Unknown		00000271, 00000294, 01000233, 01002481	00000271, 00000294, 01000233, 01002481			
01000015	01	Canadian-Upper Red	Knox	11130204	111302040301	01000449	Truscott Brine Lake	Reservoir	Reservoir - 98724920	Constructed	Unknown				1639.3664		Unknown	Unknown	Unknown	Unknown	Unknown		00000217, 00000278, 00000294	00000217, 00000278, 00000294			
01000016	01	Canadian-Upper Red	Montague	11130201	111302010506	01000633	Lake Nocona	Reservoir	Reservoir - 148327963	Constructed	Unknown				1359.4123		Unknown	Unknown	Unknown	Unknown	Unknown		00000191, 00000269, 00000294, 00000345	00000191, 00000269, 00000294, 00000345			
01000017	01	Canadian-Upper Red	Potter, Hutchinson, Moore	11090105, 11090105, 11090105, 11090105, 11090105, 11090105, 11090105, 11090105, 11090105	110901050708, 110901050406, 110901050608, 110901050703, 110901050704, 110901050705, 110901050706, 110901050707	01000114, 01000129, 01000137, 01000138, 01000139, 01000148, 01000149, 01000150	Lake Meredith	Reservoir	Reservoir - 138790015	Constructed	Unknown				16336.944		Unknown	Unknown	Unknown	Unknown	Unknown		00000271, 00000294, 01000227, 01000231, 01000232, 01000312	00000271, 00000294, 01000227, 01000231, 01000232, 01000312			
01000018	01	Canadian-Upper Red	Randall	11120102	111201020302	01000692	Bivins Lake	Reservoir	Reservoir - 01352274	Constructed	Unknown				11.367283		Unknown	Unknown	Unknown	Unknown	Unknown		01000243, 00000271, 00000294	01000243, 00000271, 00000294			
01000019	01	Canadian-Upper Red	Randall	11120101	111201010605, 111201010606, 111201010608	01000817, 01000830, 01000836	Buffalo Lake	Reservoir	Reservoir	Constructed	Unknown				3102.1987		Unknown	Unknown	Unknown	Unknown	Unknown		01000243, 00000271, 00000294	01000243, 00000271, 00000294			
01000020	01	Canadian-Upper Red	Wichita	11130206	111302060402	01000486	North Fork Buffalo Creek Reservoir	Reservoir	Reservoir - 129084549	Constructed	Unknown				1579.0904		Unknown	Unknown	Unknown	Unknown	Unknown		00000269, 00000294, 01000195	00000269, 00000294, 01000195			
01000021	01	Canadian-Upper Red	Wilbarger	11130207	111302070307	01000505	Lake Electra	Reservoir	Reservoir - 92157059	Constructed	Unknown				655.8003		Unknown	Unknown	Unknown	Unknown	Unknown		00000269, 00000294, 01000203	00000269, 00000294, 01000203			

Existing Infrastructure ID	RFPG No.	RFPG Name	Counties	HUC8s	HUC12s	Watersheds	Feature Name	Infrastructure Type	Description	Natural or Constructed or Combination	Construction Date	Infrastructure Dimensions					Level of Service (2-year, 10-year, LOS)	Condition (Functional, Non-functional, Unknown)	Condition Description	Deficiency (Deficient, Non-DEF_TYPE)	Deficiency Description	Population Protected by Infrastructure	Owning Entity	Operating Entity	Associated FMEs	Associated FMSs	Associated FMPs		
												Diameter (ft)	Height (ft)	Width (ft)	Length (ft)	Area (acre)													
01000022	01	Canadian-Upper Red	Wilbarger	11130207	111302070204	01000501	Santa Rosa Lake	Reservoir	Reservoir - 92158217	Constructed	Unknown					1649.5841	Unknown	Unknown	Unknown	Unknown		00000269, 00000294, 01000203	00000269, 00000294, 01000203						

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Table 2 – Summary of Proposed or Ongoing Flood Mitigation Projects

Existing Project ID	RFPG No.	RFPG Name	Project Name	Description	Counties	HUCs	HUC12s	Watersheds	Project Status	Project Cost	Dedicated Funding for Construction (Yes/No)	Source of Funding	Expected Year of Completion	Anticipated Benefit
01000001	01	Canadian-Upper Red	Martin Road Playa Improvements	Improvements include excavating 450,000 CY from El. 3624.0' to 3600.0', replacing the pump with 5,000 GPM and the suction line with a 20" one, and replacing force main with a 20" diameter	Potter	11090105	110901050402	Lake Meredith	Ongoing	\$12,263,000	Yes	Amarillo Stormwater Utility Fees	2023	Reduction of flood risk
01000002	01	Canadian-Upper Red	Quail Creek - Phase 1 (Sikes Lake, Maplewood - Midwestern Channel/Midwestern Culvert, N. Quail Creek Channel)	Sike's Lake: remove concrete weir, Maplewood-Midwestern Channel Improvements: remove the dam and expand the channel, Midwestern Culvert Crossing: enhance the inlet conditions upstream of the culvert, North Quail Creek Channel: rectangular concrete channel	Wichita	11130206	111302060304	Wichita	Ongoing	\$4,500,000	Yes	Wichita Falls Stormwater Utility Fees	2021	Reduction of flood risk
01000003	01	Canadian-Upper Red	Quail Creek - Phase 2 (Transfer Station Basin)	Expand the basin by approximately 250% to 40 ac-ft and re-work the diversion and the outlet. This includes excavation and hauling of 76,000 cy of soil.	Wichita	11130206	111302060304	Wichita	Proposed	\$3,500,000	Yes	Wichita Falls Stormwater Utility Fees	2022	Reduction of flood risk
01000004	01	Canadian-Upper Red	Quail Creek - Phase 3 (Kemp - Maplewood Culvert Crossing)	Combine culverts into one structure	Wichita	11130206	111302060304	Wichita	Proposed	\$4,111,000	Yes	Wichita Falls Stormwater Utility Fees	2023	Reduction of flood risk
01000005	01	Canadian-Upper Red	Quail Creek - Phase 4 (N Quail Creek Kemp Culvert)	Increase culvert slope and add a depression to the upstream inlet. Increase capacity of the culvert.	Wichita	11130206	111302060304	Wichita	Proposed	\$2,272,000	Yes	Wichita Falls Stormwater Utility Fees	2024	Reduction of flood risk
01000006	01	Canadian-Upper Red	Quail Creek - Phase 5 (McNeil Culvert & Channel and Fountain Park Basin)	Fountain Park Basin: Increase storage volume and keep downstream culvert crossing as an outlet structure, McNeil Culvert Crossing: increase culvert capacity	Wichita	11130206	111302060304	Wichita	Proposed	\$2,308,000	Yes	Wichita Falls Stormwater Utility Fees	2025	Reduction of flood risk