APEGA Permit to Practice - P654

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Associate

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Principal

DRAFT

MILLET FLOOD STUDY

OPEN WATER FLOOD INUNDATION MAP LIBRARY

Prepared for:

Alberta Canada

28 April 2025

NHC Ref. No. 1008862

DISCLAIMER

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TABLE OF CONTENTS

OPEN WATER FLOOD INUNDATION INDEX MAP (1 SHEET)

2-YEAR OPEN WATER FLOOD INUNDATION MAP (9 SHEETS)

5-YEAR OPEN WATER FLOOD INUNDATION MAP (9 SHEETS)

10-YEAR OPEN WATER FLOOD INUNDATION MAP (9 SHEETS)

20-YEAR OPEN WATER FLOOD INUNDATION MAP (9 SHEETS)

35-YEAR OPEN WATER FLOOD INUNDATION MAP (9 SHEETS)

50-YEAR OPEN WATER FLOOD INUNDATION MAP (9 SHEETS)

75-YEAR OPEN WATER FLOOD INUNDATION MAP (9 SHEETS)

100-YEAR OPEN WATER FLOOD INUNDATION MAP (9 SHEETS)

200-YEAR OPEN WATER FLOOD INUNDATION MAP (9 SHEETS)

350-YEAR OPEN WATER FLOOD INUNDATION MAP (9 SHEETS)

500-YEAR OPEN WATER FLOOD INUNDATION MAP (9 SHEETS)

750-YEAR OPEN WATER FLOOD INUNDATION MAP (9 SHEETS)

1000-YEAR OPEN WATER FLOOD INUNDATION MAP (9 SHEETS)

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OPEN WATER FLOOD INUNDATION INDEX MAP

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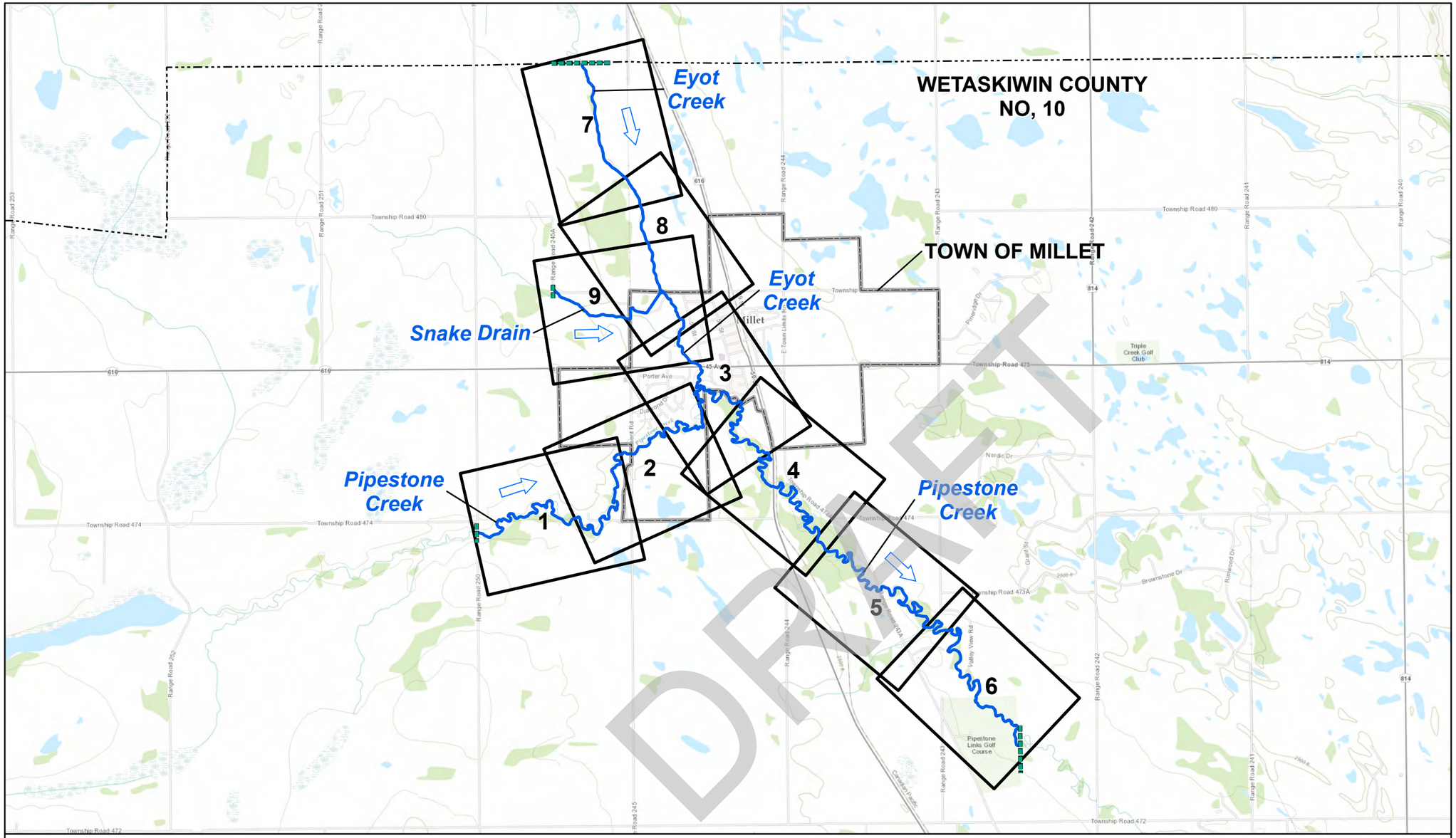

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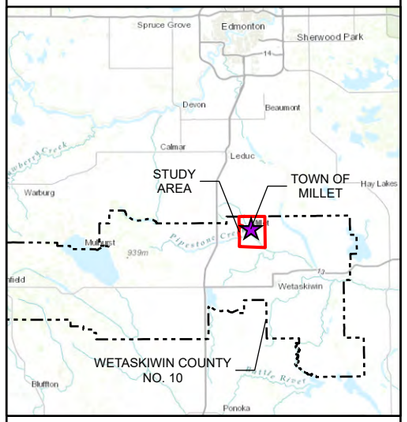

FLOW DIRECTION
STUDY LIMIT
MAP SHEET
TOWN OF MILLET
WETASKIWIN COUNTY NO. 10

SCALE - 1:45,000

0 500 1,000 1,500 m

N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	21-APR-2025

MILLET FLOOD STUDY

OPEN WATER FLOOD INUNDATION MAP

INDEX MAP

Notes to Users:

1. Please refer to the accompanying **Millet Study Report** for important information concerning these maps.
2. Within the flood inundation areas shown on this map, there may be isolated pockets of high ground. To determine whether or not a particular site is subject to flooding, reference should be made to the computed flood levels in conjunction with site-specific surveys where detailed definition is required.
3. Non-riverine and local sources of water have not been considered, and structures such roads, railways or barriers such as levees can restrict water flow and affect local flood levels. Channel obstruction, local stormwater inflow, groundwater seepage or other land drainage can cause flood levels to exceed those indicated on the map. Lands adjacent to a flooded area may be subject to flooding from tributary streams not indicated on the maps.
4. The flood inundation area is shown above the line work for bridges and flood control structures that are below flood levels.

Definitions:

Flood Inundation Mapping - Delineates flood inundation areas, showing the extent of one or more flood scenarios under existing conditions. Depending on the particular flood scenario, the mapping may be divided into multiple zones. Flood inundation mapping is typically used for near real-time emergency response planning and operations.
Flood Inundation Area - The area inundated during a particular flood scenario under existing conditions. The flood inundation area may be divided into multiple zones, including areas inundated due to potential flood control structure failure and isolated areas that may become inundated due to groundwater seepage or other subsurface connections. Flood inundation areas may change as a result of future development or flow obstructions.
Flood Scenario- Flow conditions that describe a particular flood event. Flood scenarios typically represent a range of flows, based either on flood frequency analysis or set flow intervals. The flood scenarios included with this map set include the 2-year, 5-year, 10-year, 20-year, 35-year, 50-year, 75-year, 100-year, 200-year, 350-year, 500-year, 750-year, and 1000-year flood events.

Data Sources and References:

1. Orthophoto imagery was acquired by OGL Engineering for Alberta Environment and Protected Areas on 10 October 2023. Fully processed orthophoto mosaics were provided to Northwest Hydraulic Consultants by Alberta Environment and Protected Areas in October 2024.
2. Flood extent mapping is based on a digital terrain model derived from 2023 LiDAR data collected by others and 2024 bathymetric and topographic survey data collected by Northwest Hydraulic Consultants Ltd.
3. Base data from the Town of Millet, Natural Resources Canada, Alberta Environment and Protected Areas, and Altalis.

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2-YEAR OPEN WATER FLOOD INUNDATION MAP

(SHEETS 1 TO 9)

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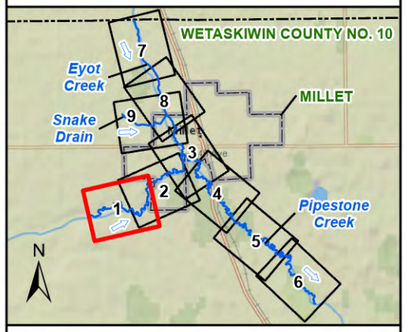

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 2-YEAR FLOOD INUNDATION EXTENT

SHEET 2 ↓

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 2.5 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

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MILLET FLOOD STUDY

2-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 1 OF 9

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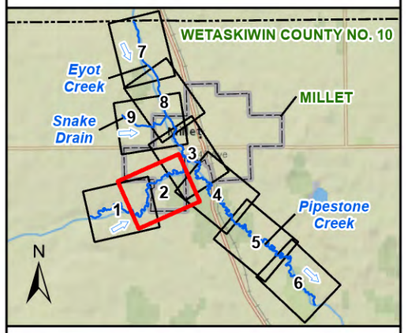

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- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
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DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 2.5 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114; Vertical Datum: CGVD28 HTv2.0; Units: Metres

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MILLET FLOOD STUDY

2-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 2 OF 9

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SHEET 9 ↑

SHEET 8 ↑

SHEET 4 ↓

SHEET 2 ↓

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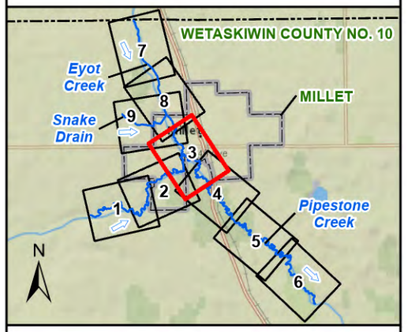

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- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 2-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

PIPESTONE CREEK ABOVE EYOT CREEK = 2.5 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 1.9 m^3/s
PIPESTONE CREEK BELOW EYOT CREEK = 3.6 m^3/s

SCALE - 1:5,000

0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
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MILLET FLOOD STUDY

2-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 3 OF 9

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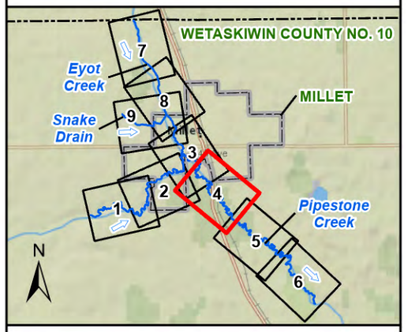

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 2-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 3.6 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
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MILLET FLOOD STUDY

2-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 4 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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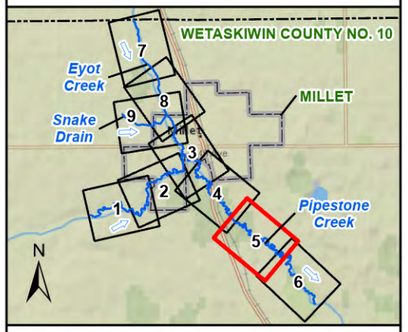

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- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 2-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 3.6 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114; Vertical Datum: CGVD28 HTv2.0; Units: Metres

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MILLET FLOOD STUDY

2-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 5 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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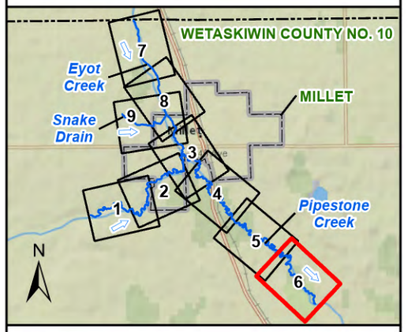

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 2-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 3.6 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

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MILLET FLOOD STUDY

2-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 6 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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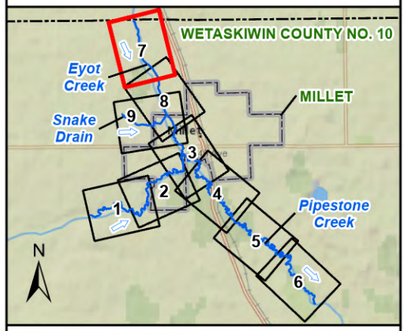

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 2-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 1.8 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

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1008862	17-MAR-2025

MILLET FLOOD STUDY

2-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 7 OF 9

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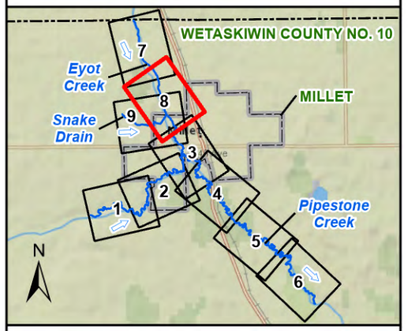

FLOW DIRECTION
MODEL CROSS SECTION
FLOOD CONTROL STRUCTURE
BRIDGE
CULVERT
RAILWAY
PROVINCIAL HIGHWAY
LOCAL ROAD
TOWN OF MILLET
COUNTY
STUDY LIMIT
2-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 1.8 m^3/s
SNAKE DRAIN = 0.3 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 1.9 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

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MILLET FLOOD STUDY

2-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 8 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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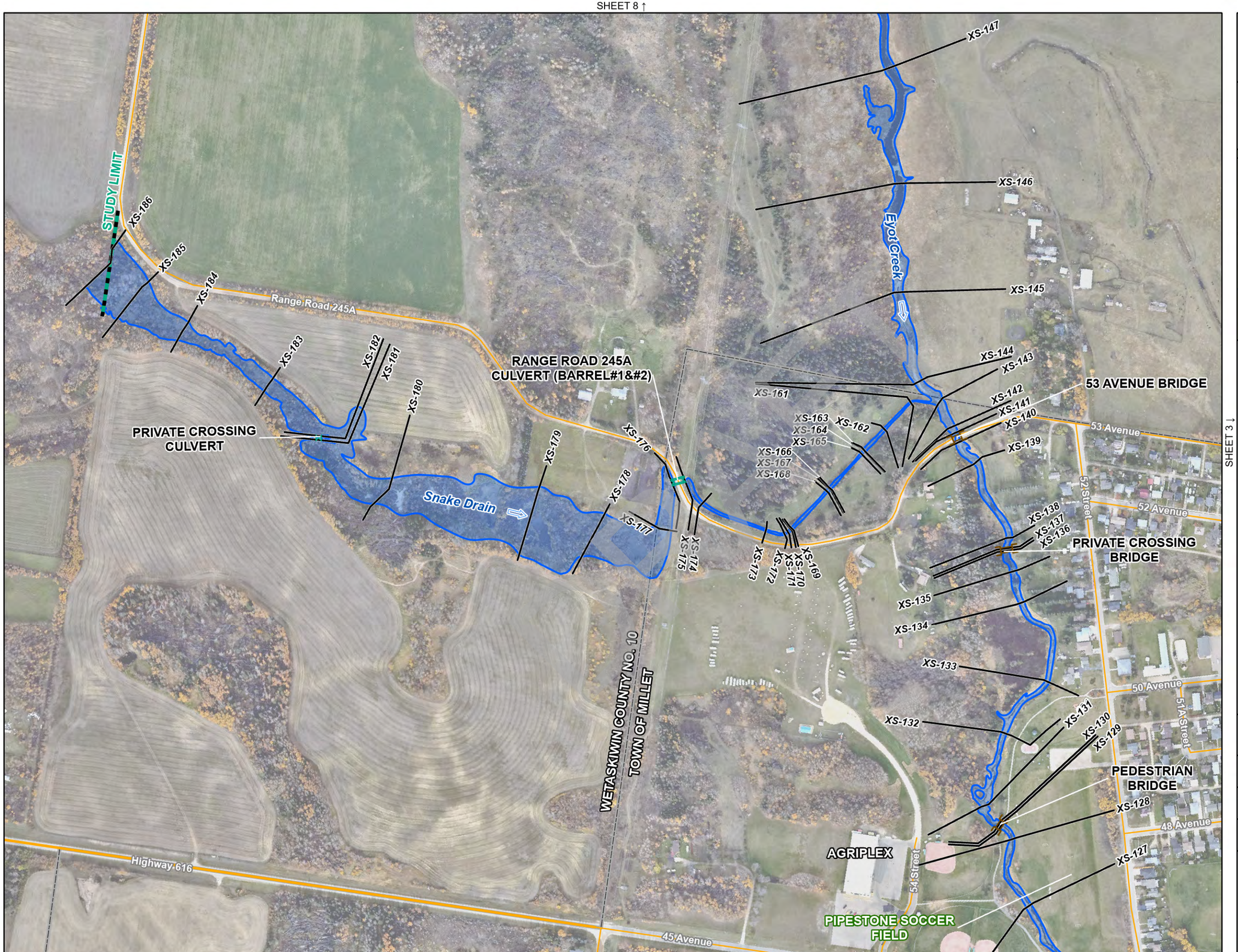
SHEET 8 ↑



SHEET 3 ↓

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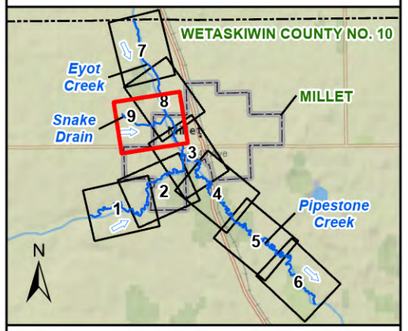

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
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- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 2-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
SNAKE DRAIN = 0.3 m^3/s
EYOT CREEK ABOVE SNAKE DRAIN = 1.8 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 1.9 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

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MILLET FLOOD STUDY

2-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 9 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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5-YEAR OPEN WATER FLOOD INUNDATION MAP

(SHEETS 1 TO 9)

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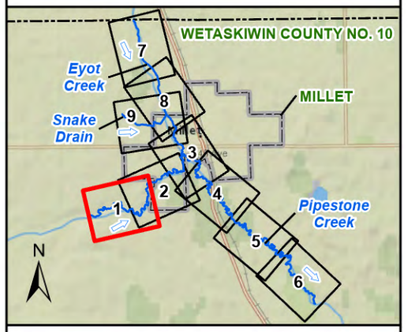

SHEET 2 ↓

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 5-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 7.1 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

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MILLET FLOOD STUDY

5-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 1 OF 9

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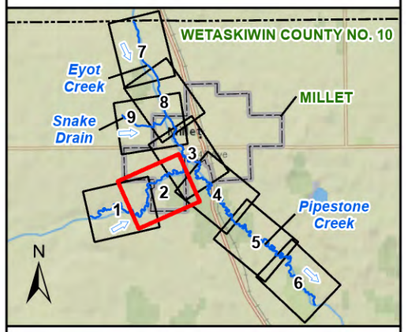

- FLOW DIRECTION
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- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 5-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 7.1 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
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MILLET FLOOD STUDY

5-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 2 OF 9

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SHEET 9 ↑

SHEET 8 ↑

SHEET 4 ↓

SHEET 2 ↓

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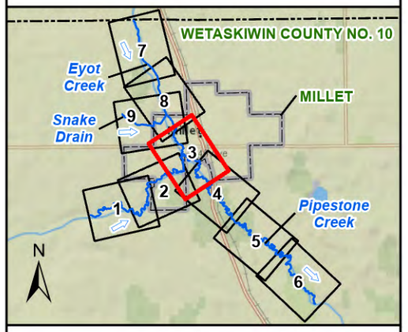

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- COUNTY
- STUDY LIMIT
- 5-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

PIPESTONE CREEK ABOVE EYOT CREEK = 7.1 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 5.4 m^3/s
PIPESTONE CREEK BELOW EYOT CREEK = 10.2 m^3/s

SCALE - 1:5,000

0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

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MILLET FLOOD STUDY

5-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 3 OF 9

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SHEET 3 ↑

SHEET 5 ↓

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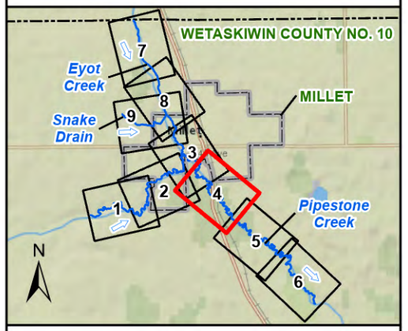

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- CULVERT
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- PROVINCIAL HIGHWAY
- LOCAL ROAD
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- COUNTY
- STUDY LIMIT
- 5-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 10.2 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

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MMM	JY	RBA

Job Number	Date
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MILLET FLOOD STUDY

5-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 4 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

Alberta Canada

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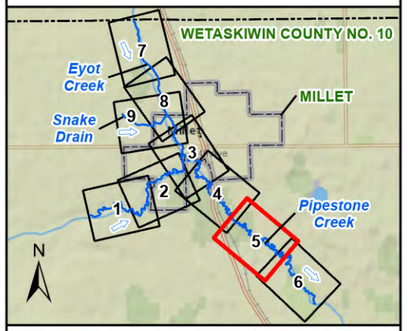


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 5-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 10.2 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

5-YEAR OPEN WATER FLOOD INUNDATION MAP

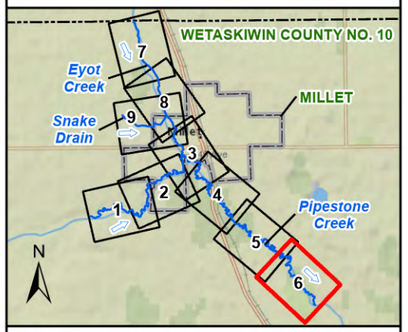
SHEET 5 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

Alberta Canada

nhc



- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 5-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 10.2 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

5-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 6 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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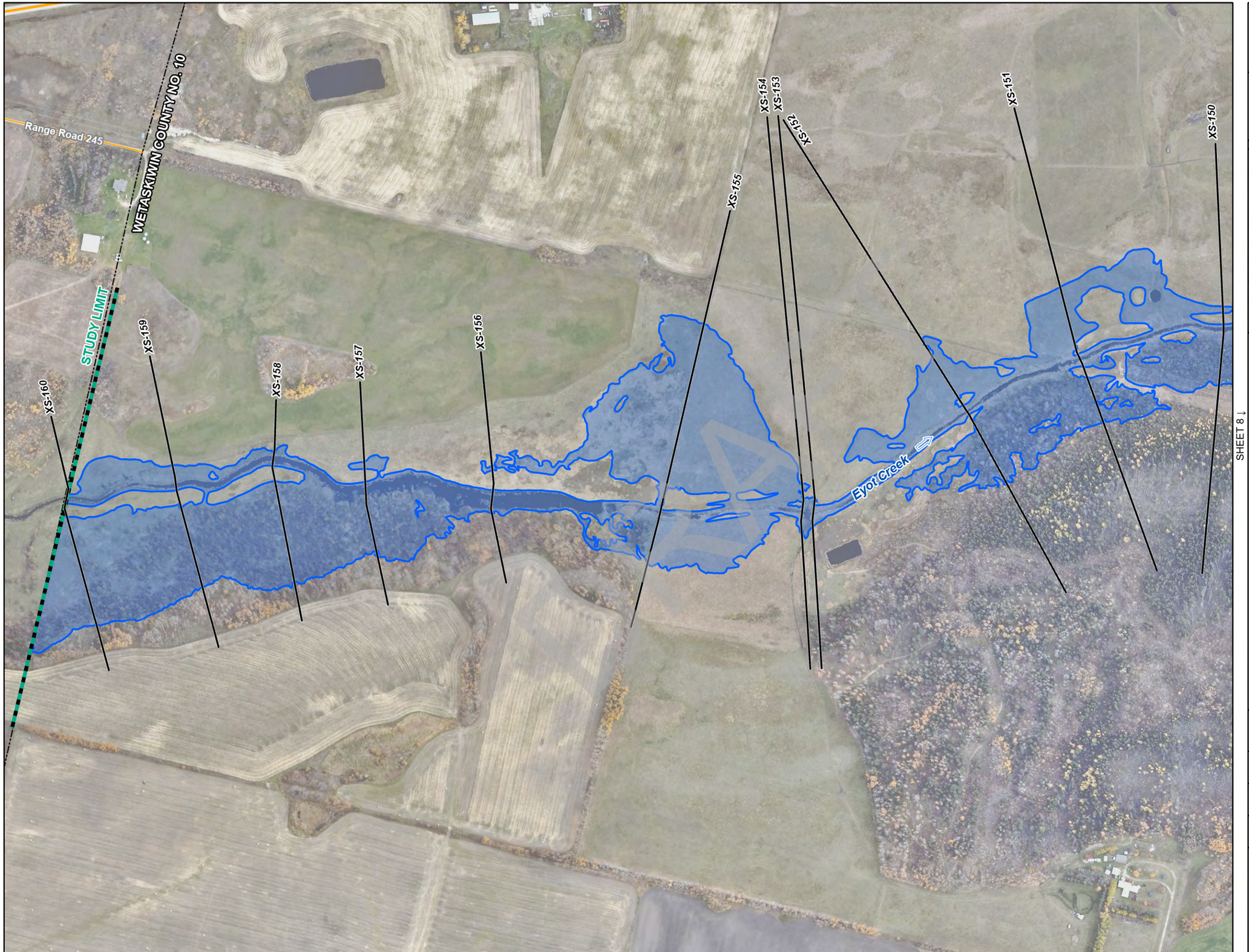

Alberta Canada

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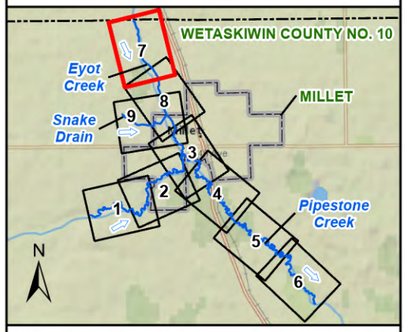


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 5-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 5.1 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

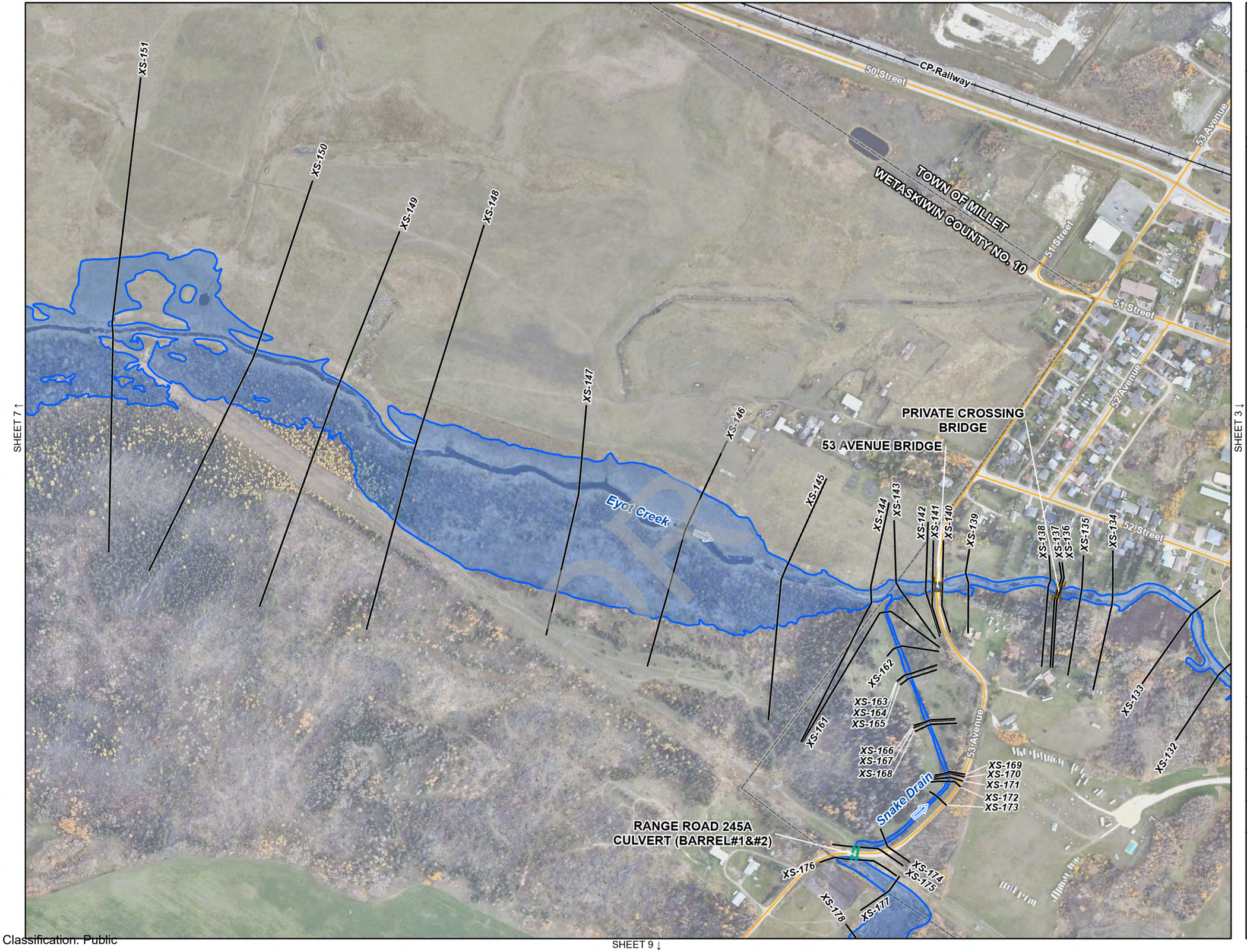
MILLET FLOOD STUDY

5-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 7 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



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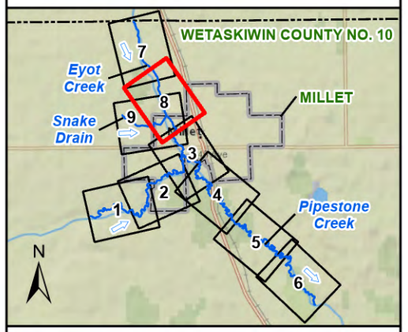
nhc



- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 5-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 5.1 m^3/s
SNAKE DRAIN = 0.7 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 5.4 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

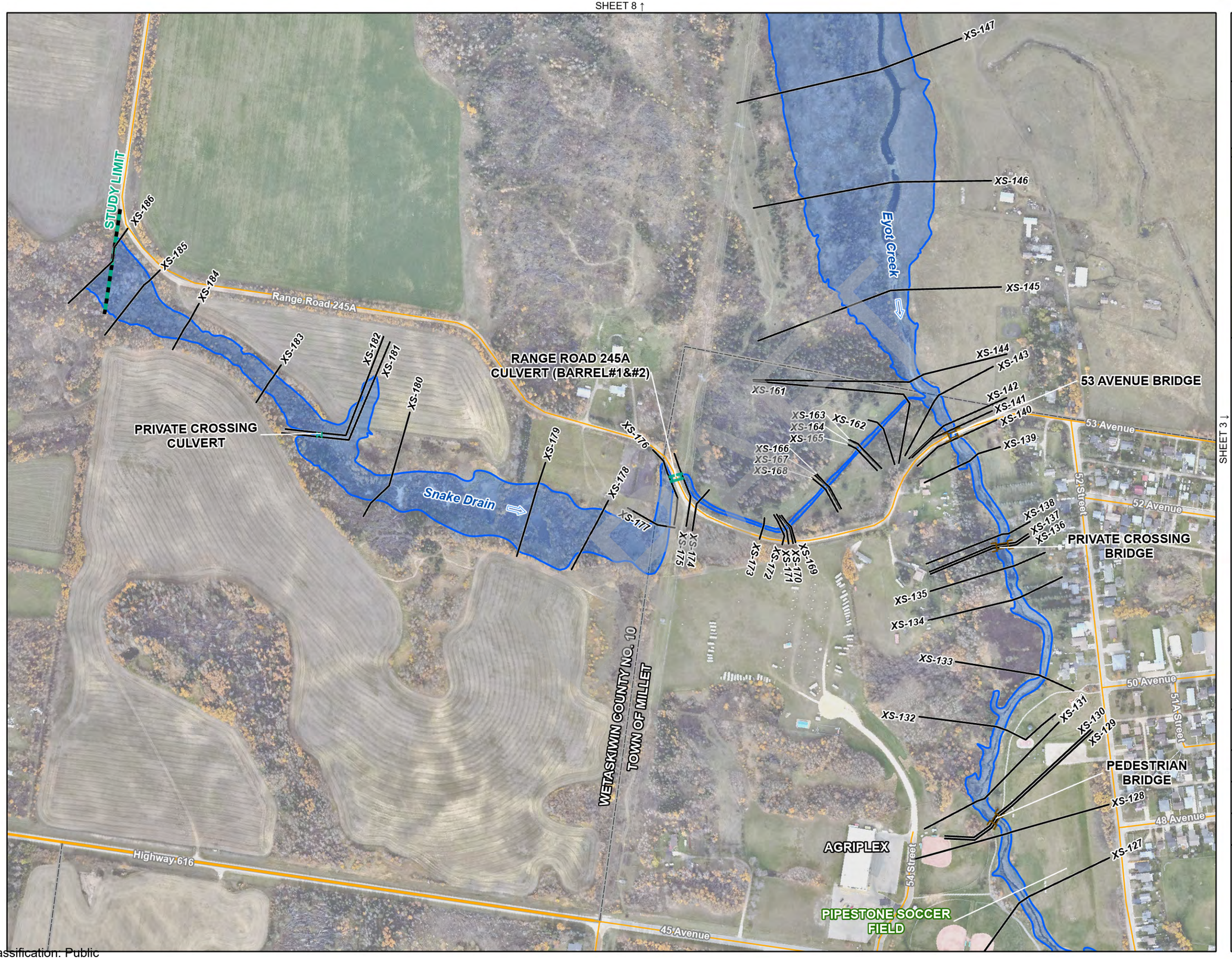
5-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 8 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

SHEET 8 ↑



SHEET 3 ↓

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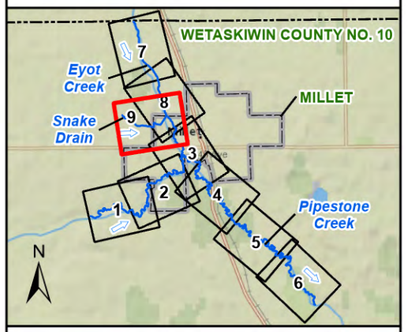

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 5-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
SNAKE DRAIN = 0.7 m^3/s
EYOT CREEK ABOVE SNAKE DRAIN = 5.1 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 5.4 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

5-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 9 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

10-YEAR OPEN WATER FLOOD INUNDATION MAP

(SHEETS 1 TO 9)

DRAFT

Classification: Public

SHEET 2 ↓

Alberta Canada

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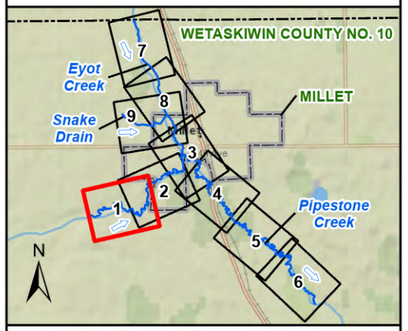


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 10-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

PIPESTONE CREEK ABOVE EYOT CREEK = 11.5 m^3/s

SCALE - 1:5,000

0 50 100 M

N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

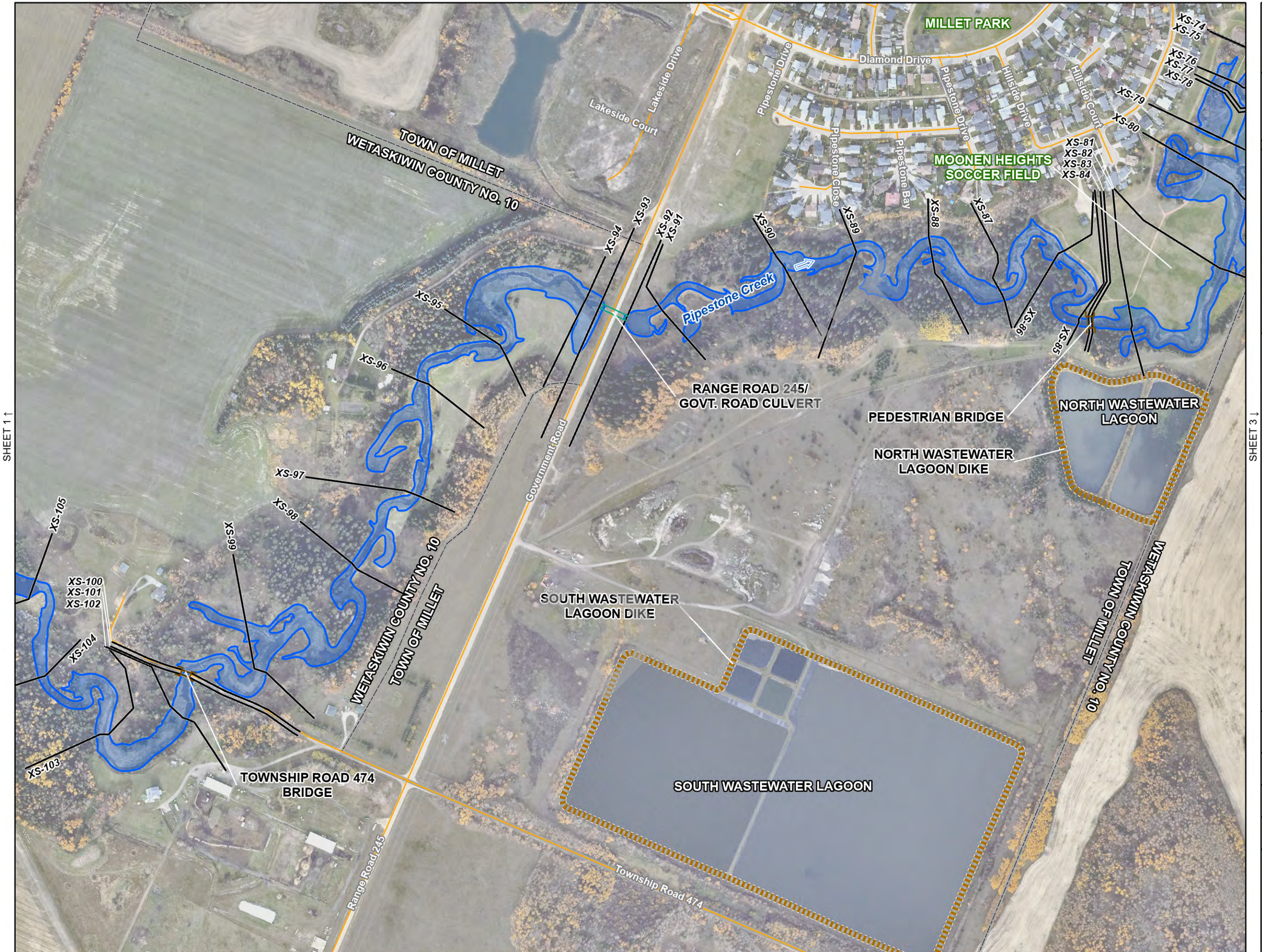
MILLET FLOOD STUDY

10-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 1 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



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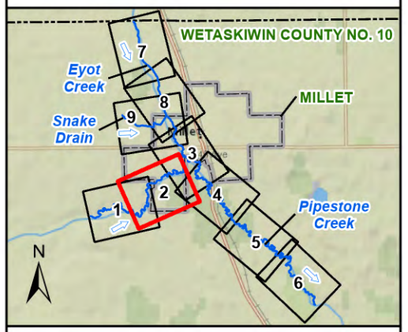
nhc



- FLOW DIRECTION
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- BRIDGE
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- PROVINCIAL HIGHWAY
- LOCAL ROAD
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- STUDY LIMIT
- 10-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 11.5 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

10-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 2 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

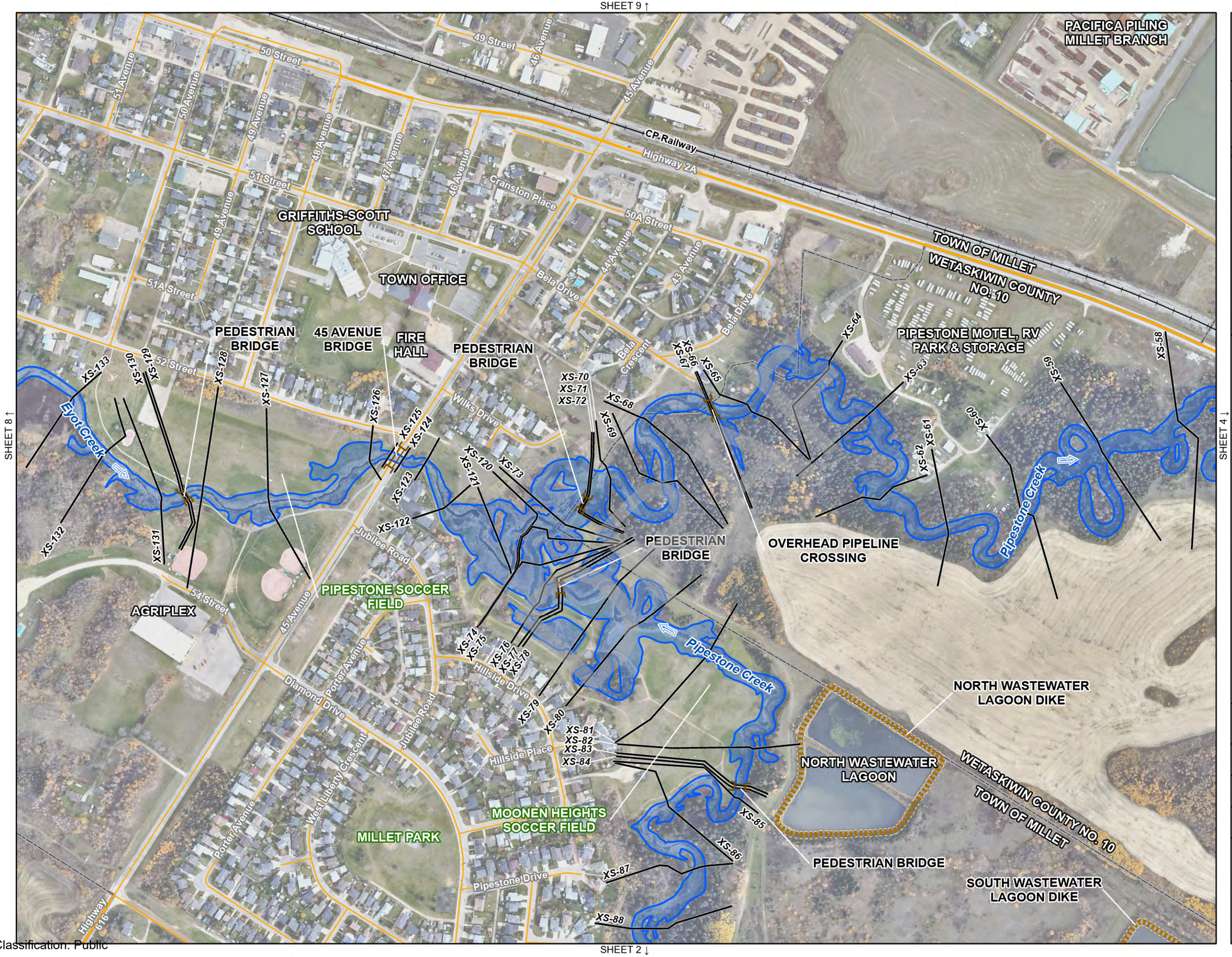
Classification: Public

SHEET 9 ↑

SHEET 8 ↑

SHEET 4 ↓

SHEET 2 ↓



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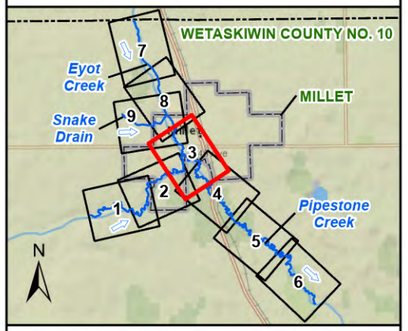

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
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- PROVINCIAL HIGHWAY
- LOCAL ROAD
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- COUNTY
- STUDY LIMIT
- 10-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

PIPESTONE CREEK ABOVE EYOT CREEK = 11.5 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 8.7 m^3/s
PIPESTONE CREEK BELOW EYOT CREEK = 16.5 m^3/s

SCALE - 1:5,000

0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114; Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

10-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 3 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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Alberta Canada

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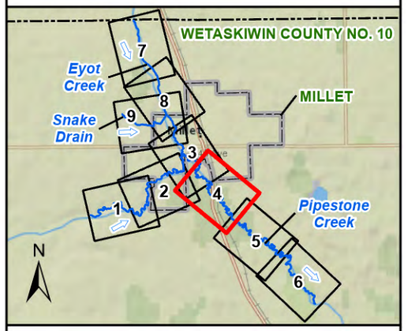

- FLOW DIRECTION
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- STUDY LIMIT
- 10-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 16.5 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

10-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 4 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

Alberta Canada

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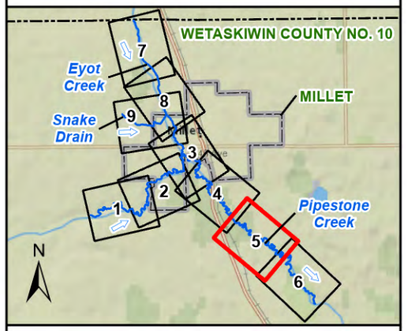

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- LOCAL ROAD
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- STUDY LIMIT
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DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 16.5 m^3/s

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Job Number	Date
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MILLET FLOOD STUDY

10-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 5 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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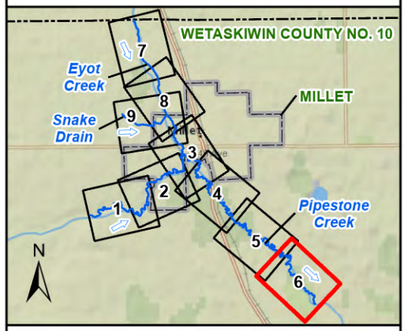

- FLOW DIRECTION
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- STUDY LIMIT
- 10-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 16.5 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

10-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 6 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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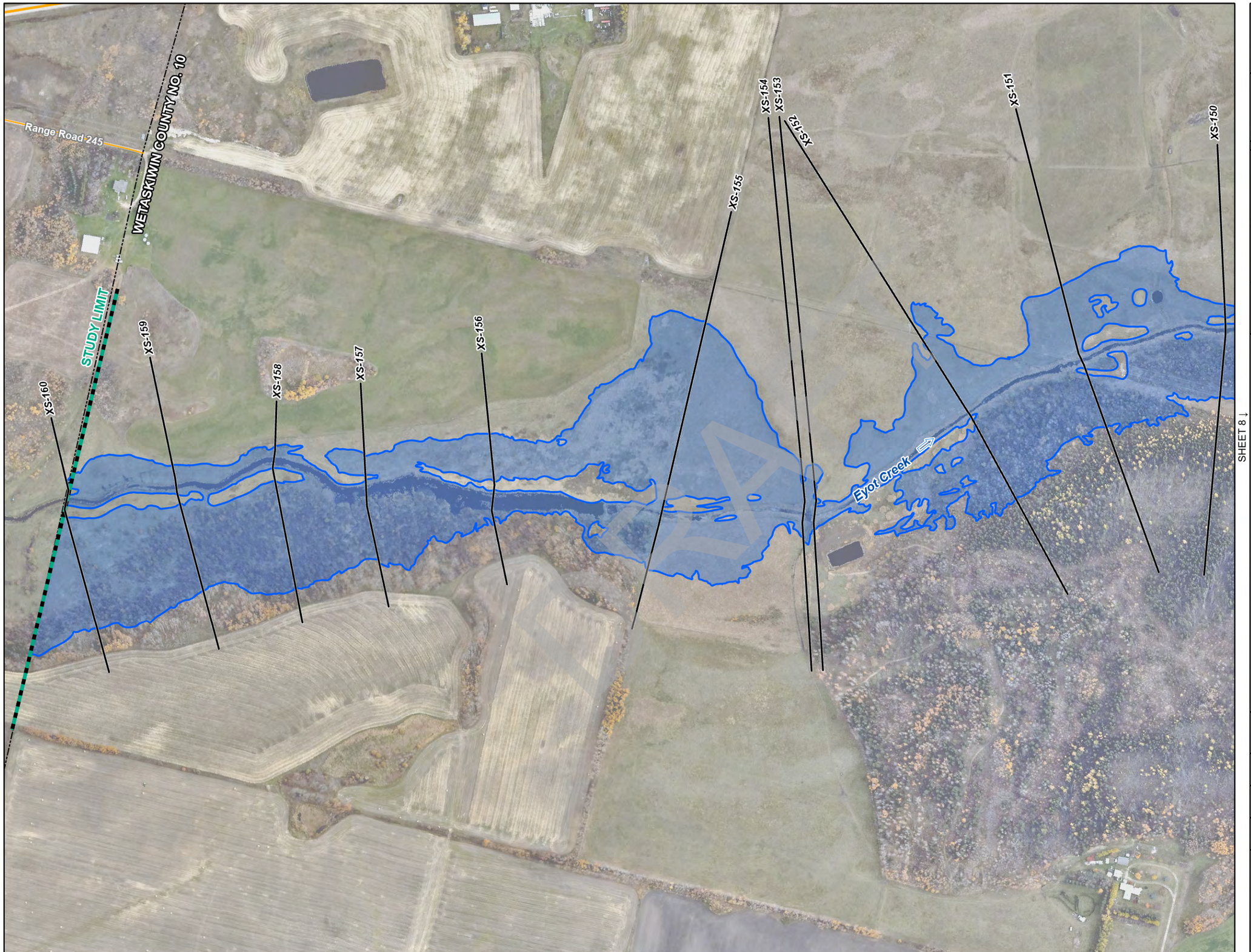
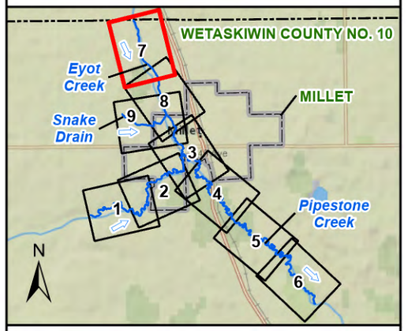


Alberta Canada

nhc



- FLOW DIRECTION
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- BRIDGE
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- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 10-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 8.2 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

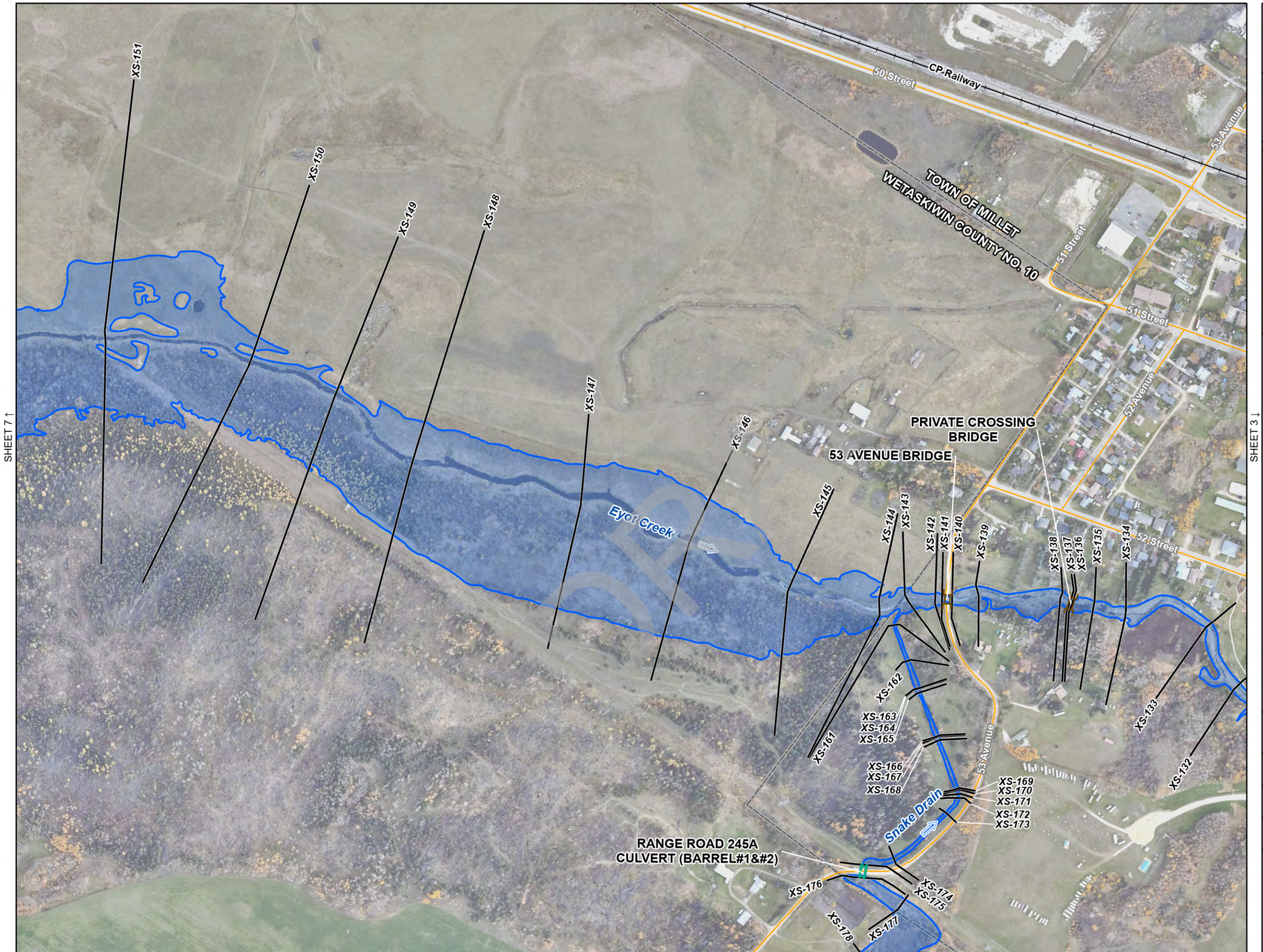
MILLET FLOOD STUDY

10-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 7 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



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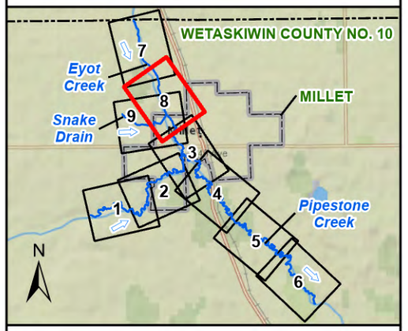


FLOW DIRECTION
MODEL CROSS SECTION
FLOOD CONTROL STRUCTURE
BRIDGE
CULVERT
RAILWAY
PROVINCIAL HIGHWAY
LOCAL ROAD
TOWN OF MILLET
COUNTY
STUDY LIMIT
10-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 8.2 m^3/s
SNAKE DRAIN = 1.2 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 8.7 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

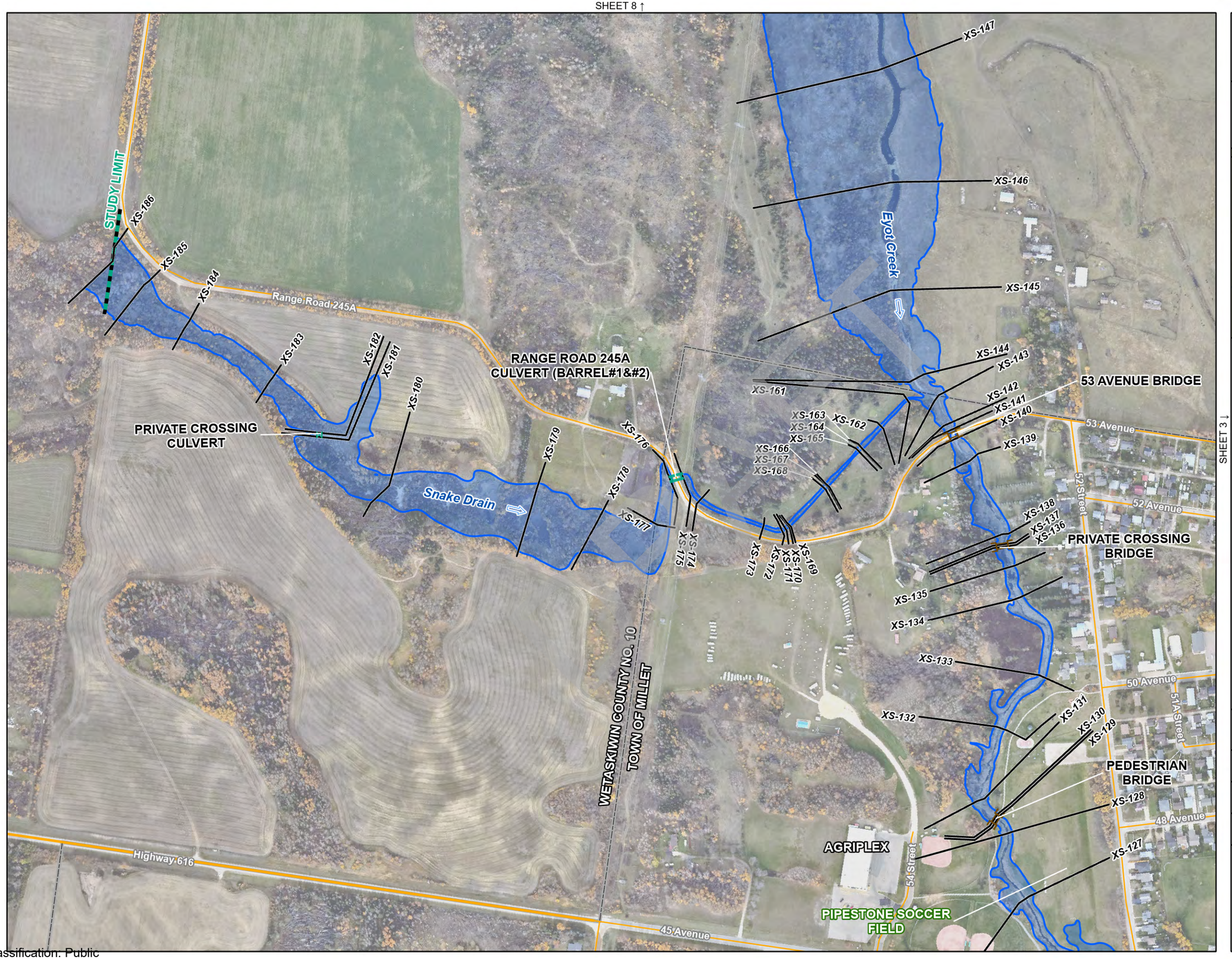
10-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 8 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

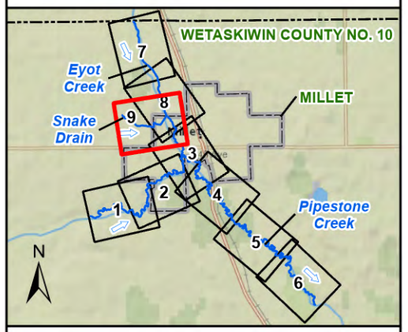
SHEET 8 ↑



SHEET 3 ↓

Alberta Canada

nhc



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- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 10-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
SNAKE DRAIN = 1.2 m^3/s
EYOT CREEK ABOVE SNAKE DRAIN = 8.2 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 8.7 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

10-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 9 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

20-YEAR OPEN WATER FLOOD INUNDATION MAP

(SHEETS 1 TO 9)

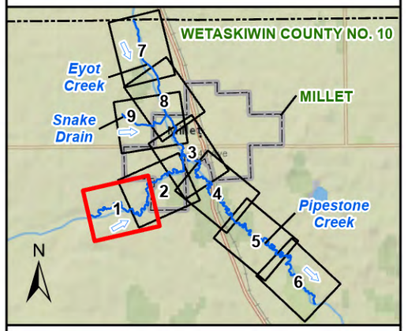
DRAFT

Classification: Public

SHEET 2 ↓

Alberta Canada

nhc



- FLOW DIRECTION
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- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 20-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 16.2 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

20-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 1 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

Alberta Canada

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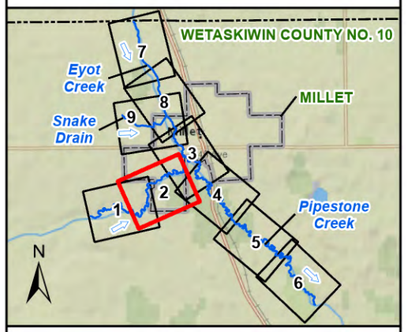


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 20-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 16.2 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

20-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 2 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

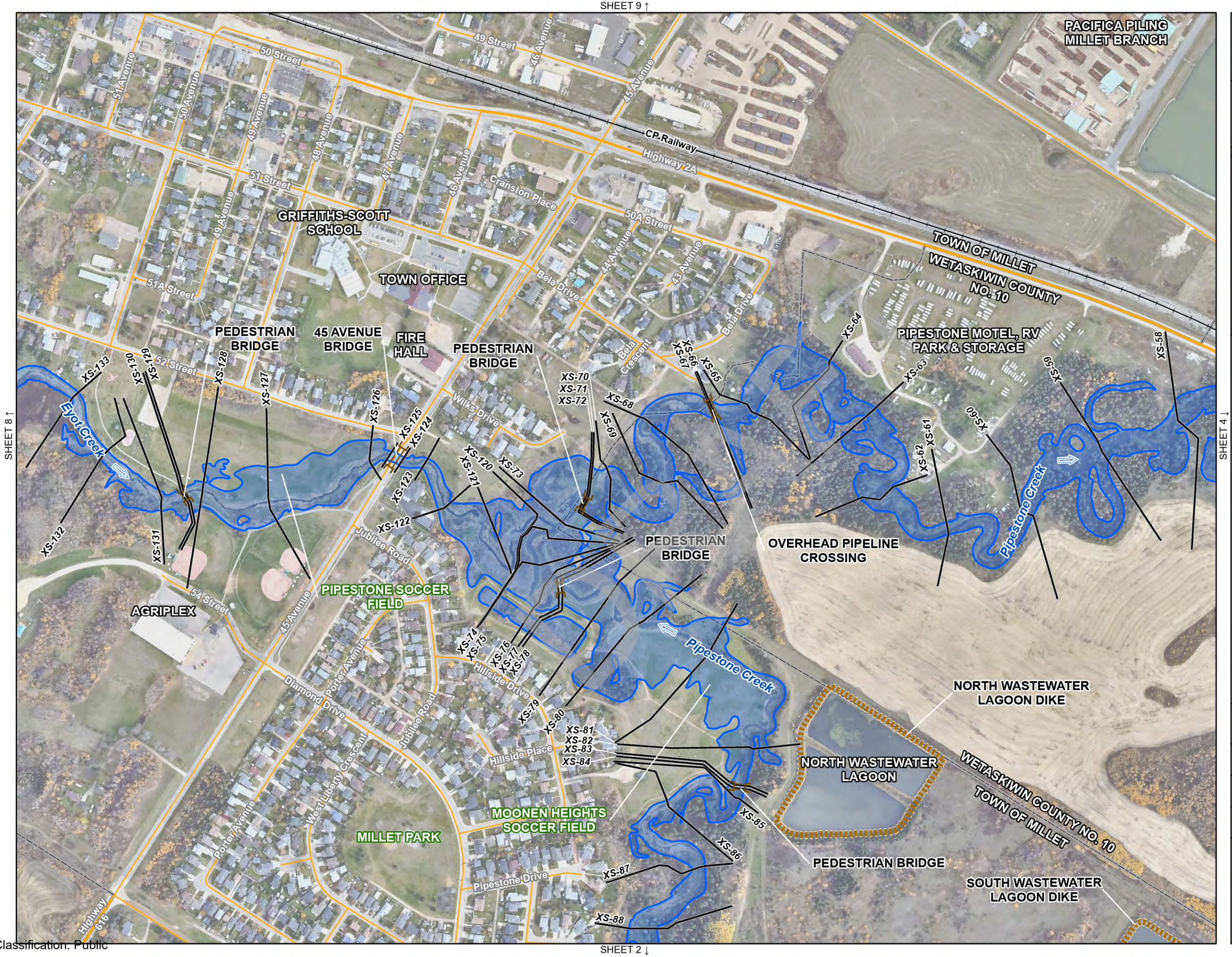
Classification: Public

SHEET 9 ↑

SHEET 8 ↑

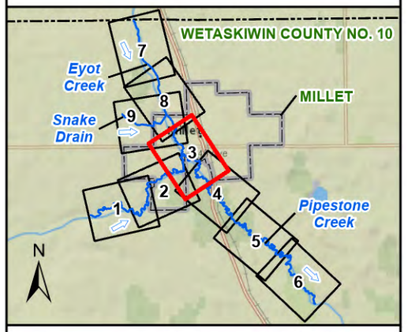
SHEET 4 ↓

SHEET 2 ↓



Alberta Canada

nhc



- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 20-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

PIPESTONE CREEK ABOVE EYOT CREEK = 16.2 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 12.4 m^3/s
PIPESTONE CREEK BELOW EYOT CREEK = 23.4 m^3/s

SCALE - 1:5,000

0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

20-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 3 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

Alberta Canada

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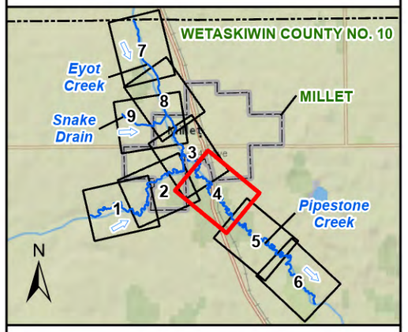

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 20-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 23.4 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

20-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 4 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

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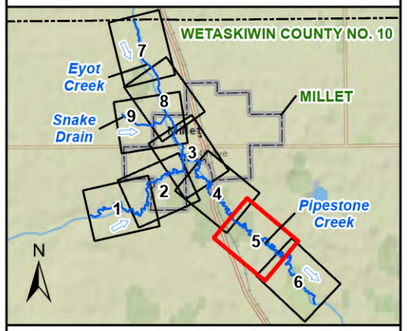

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 20-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 23.4 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

20-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 5 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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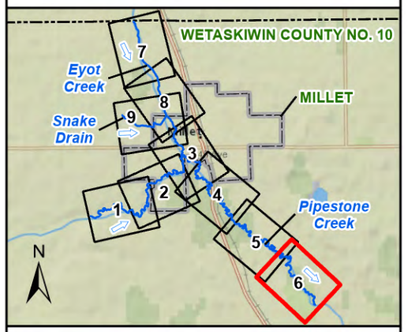


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 20-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 23.4 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

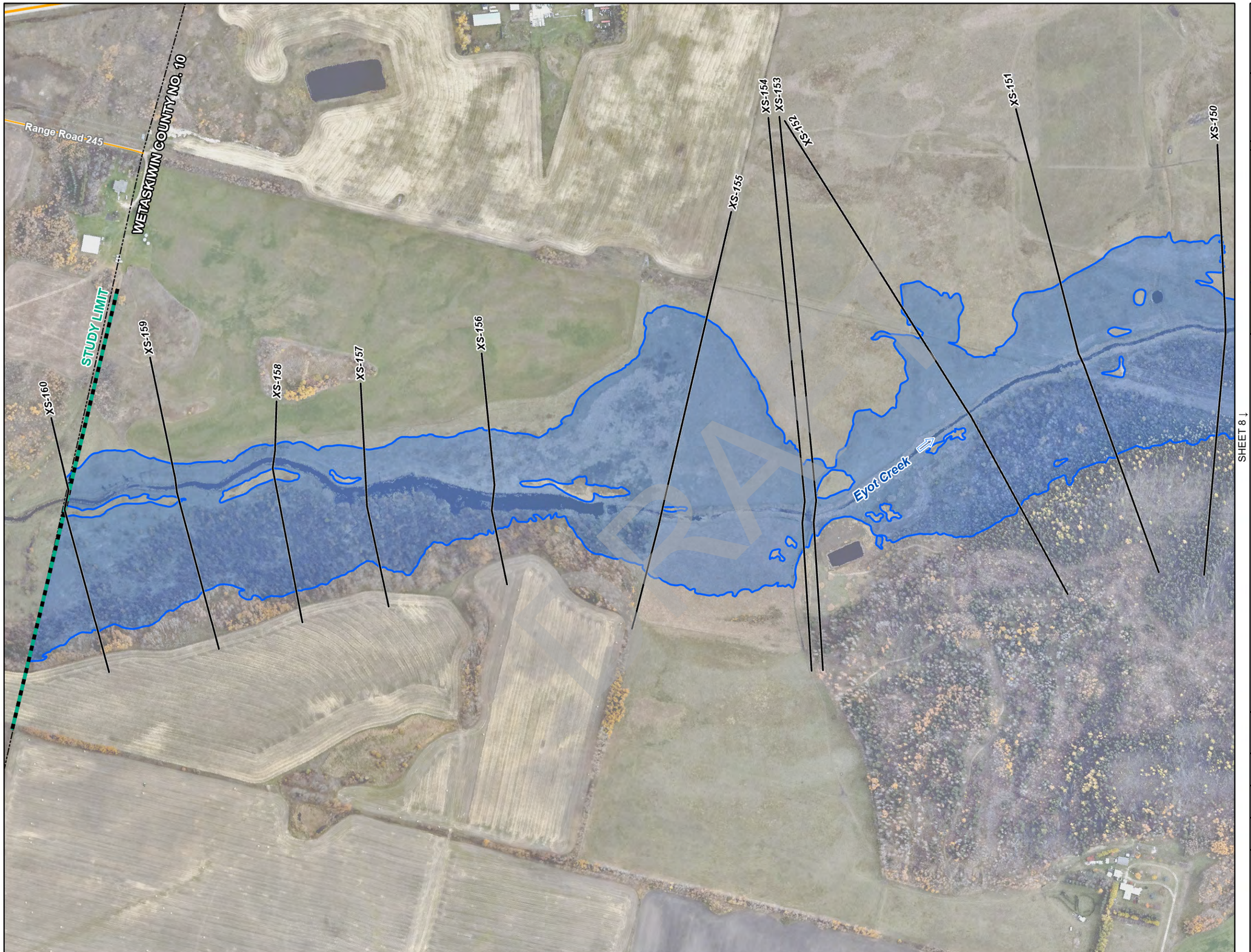
MILLET FLOOD STUDY

20-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 6 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



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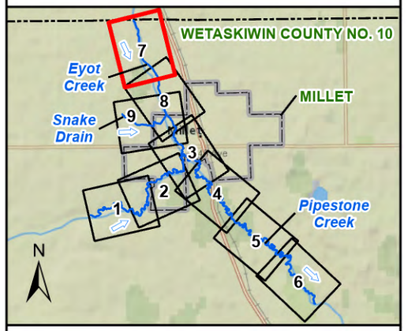
nhc



- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 20-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 11.6 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

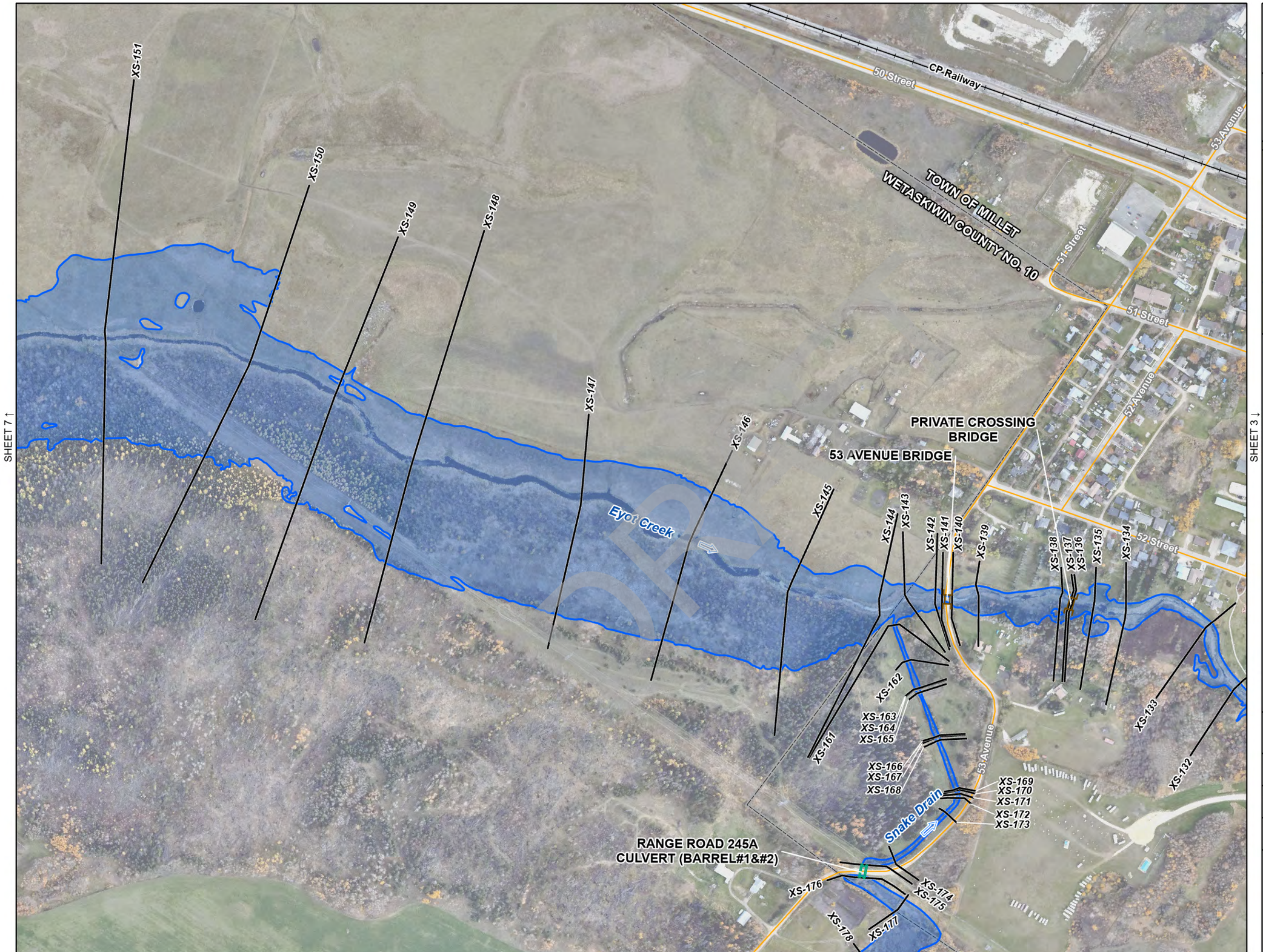
MILLET FLOOD STUDY

20-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 7 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



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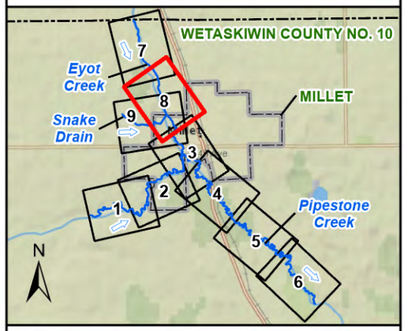


FLOW DIRECTION
MODEL CROSS SECTION
FLOOD CONTROL STRUCTURE
BRIDGE
CULVERT
RAILWAY
PROVINCIAL HIGHWAY
LOCAL ROAD
TOWN OF MILLET
COUNTY
STUDY LIMIT
20-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 11.6 m^3/s
SNAKE DRAIN = 1.7 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 12.4 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

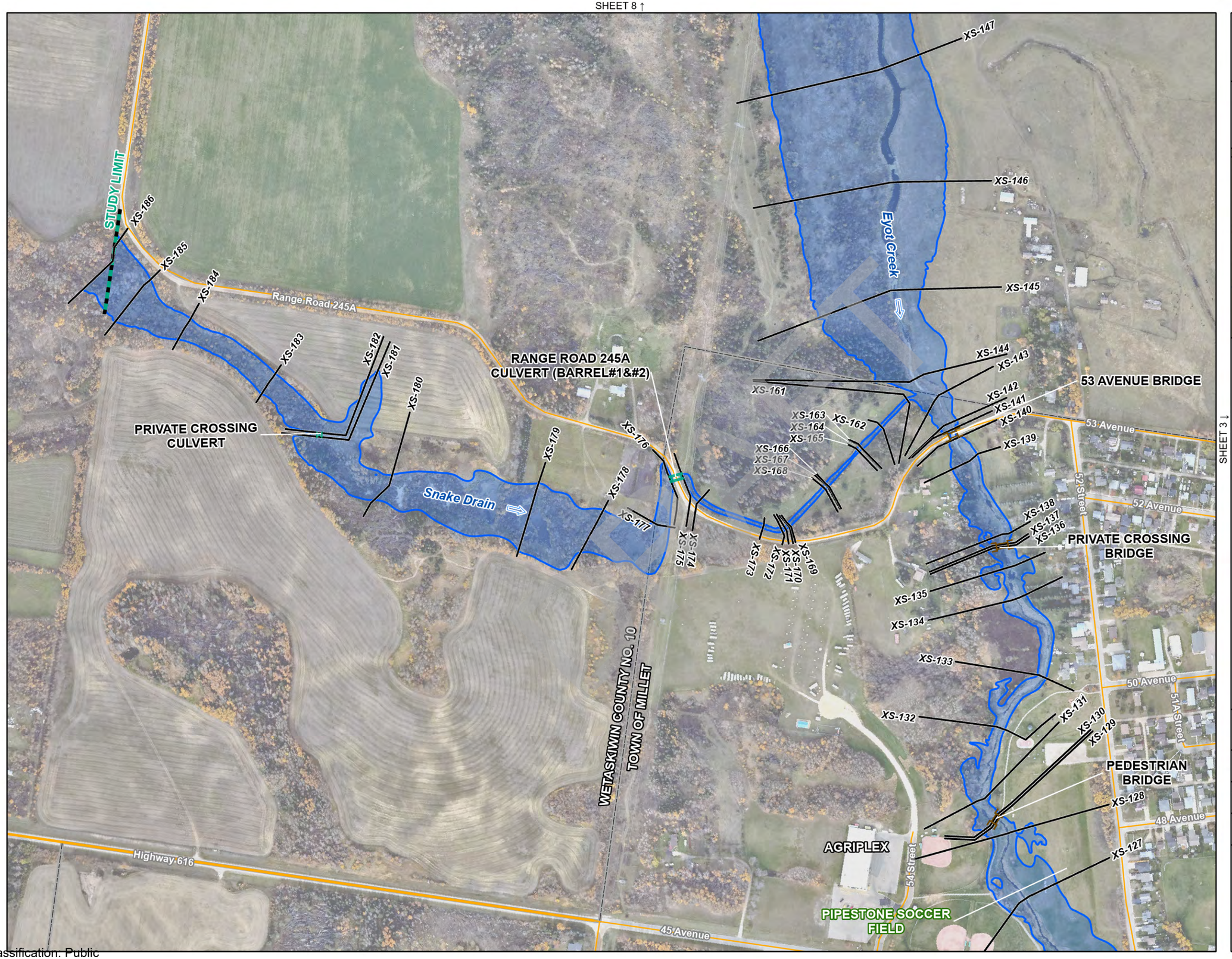
20-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 8 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

SHEET 8 ↑



SHEET 3 ↓

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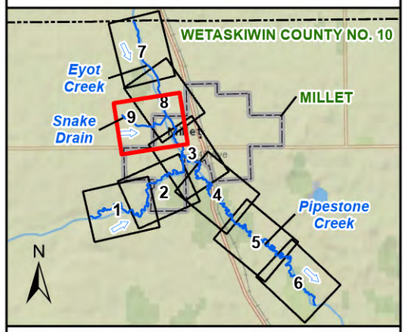

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 20-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
SNAKE DRAIN = 1.7 m^3/s
EYOT CREEK ABOVE SNAKE DRAIN = 11.6 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 12.4 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

20-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 9 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

35-YEAR OPEN WATER FLOOD INUNDATION MAP

(SHEETS 1 TO 9)

DRAFT

Classification: Public

SHEET 2 ↓

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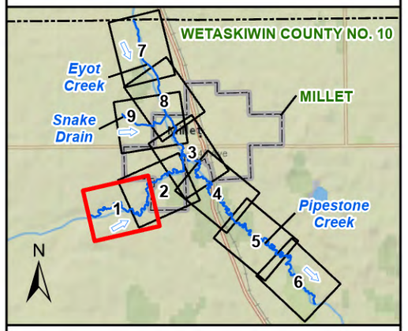

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 35-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 20.3 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

35-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 1 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

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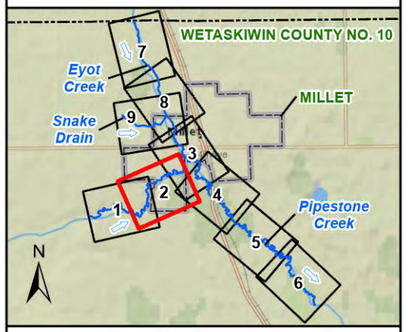


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 35-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 20.3 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

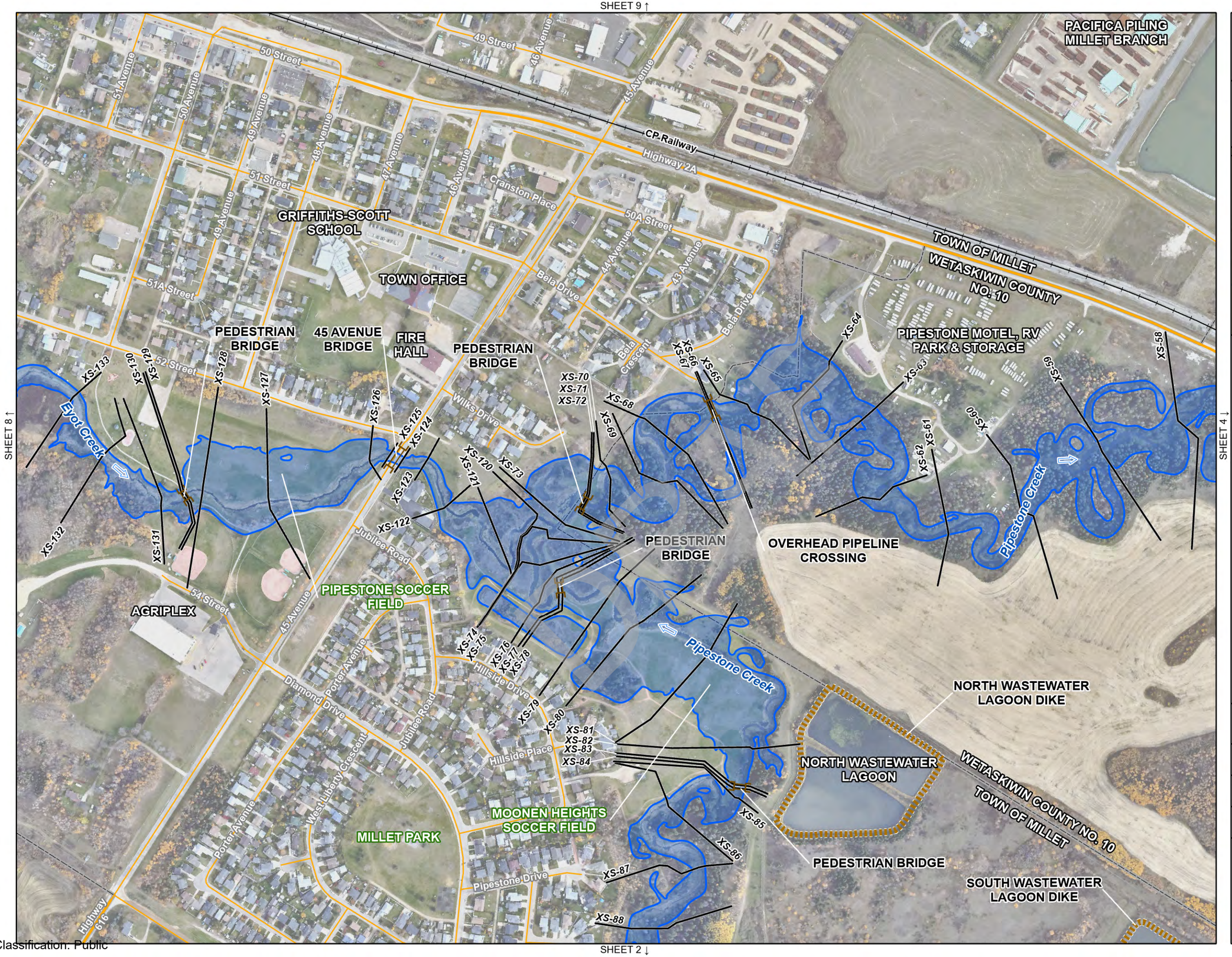
35-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 2 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

SHEET 9 ↑



SHEET 8 ↑

SHEET 4 ↓

SHEET 2 ↓

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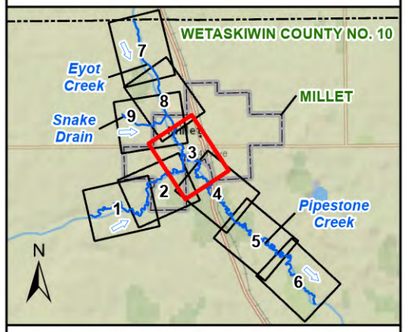

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 35-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

PIPESTONE CREEK ABOVE EYOT CREEK = 20.3 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 15.5 m^3/s
PIPESTONE CREEK BELOW EYOT CREEK = 29.3 m^3/s

SCALE - 1:5,000

0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114; Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

35-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 3 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

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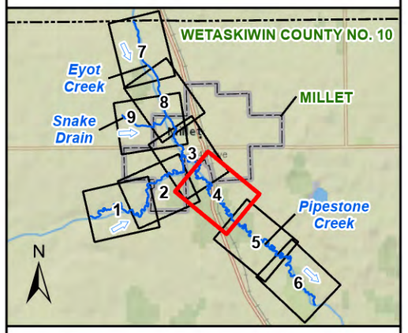

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 35-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 29.3 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

35-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 4 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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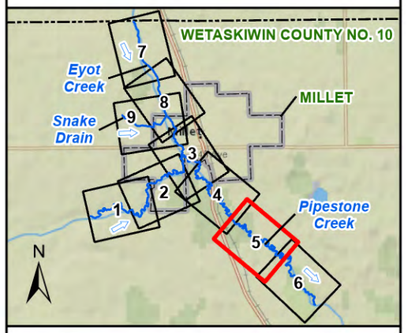

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 35-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 29.3 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
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1008862	17-MAR-2025

MILLET FLOOD STUDY

35-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 5 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

Alberta Canada

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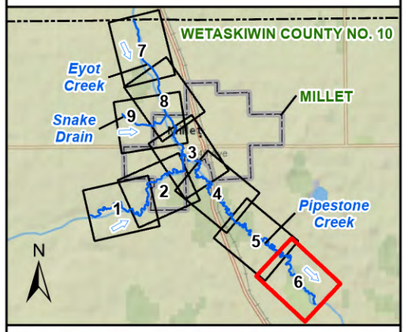

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 35-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 29.3 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
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Job Number	Date
1008862	17-MAR-2025

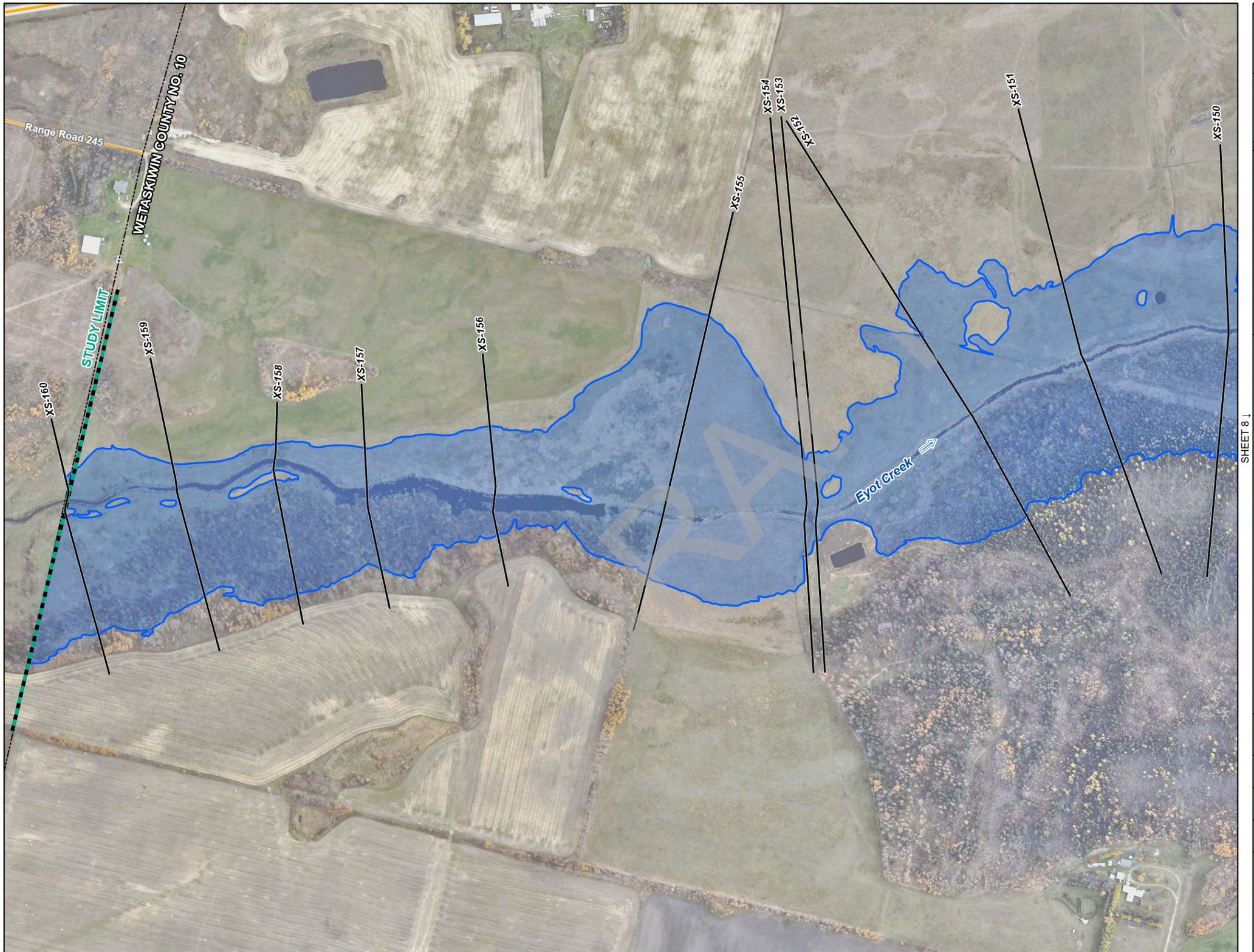
MILLET FLOOD STUDY

35-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 6 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



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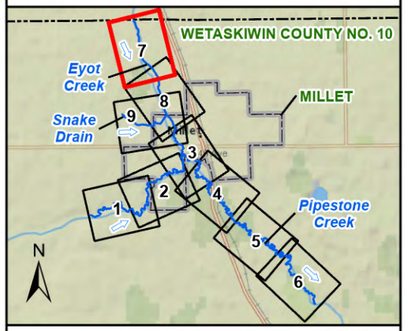

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 35-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 14.5 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
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Job Number	Date
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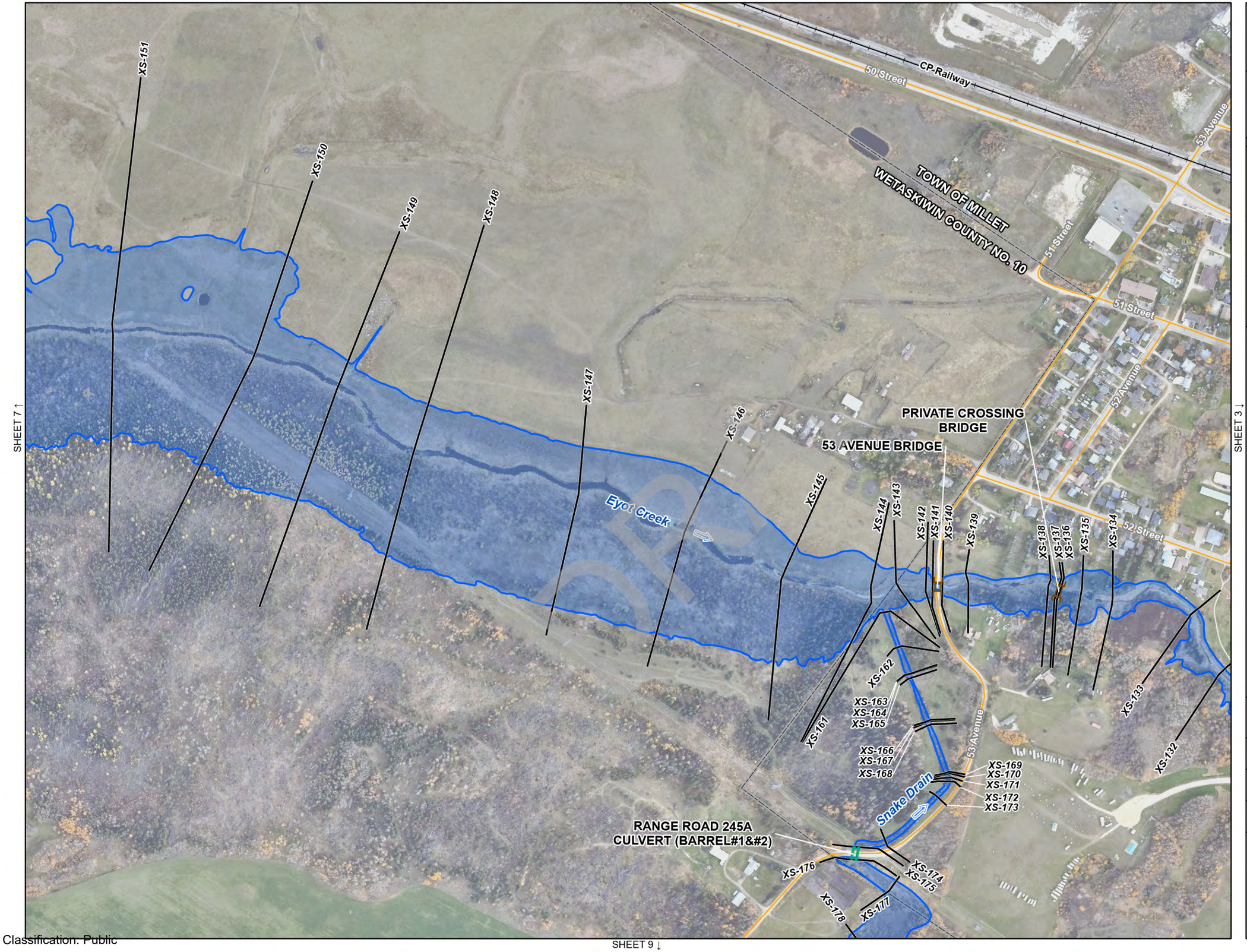
MILLET FLOOD STUDY

35-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 7 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



Alberta Canada

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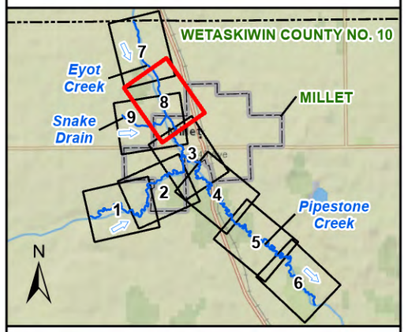


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 35-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 14.5 m^3/s
SNAKE DRAIN = 2.1 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 15.5 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

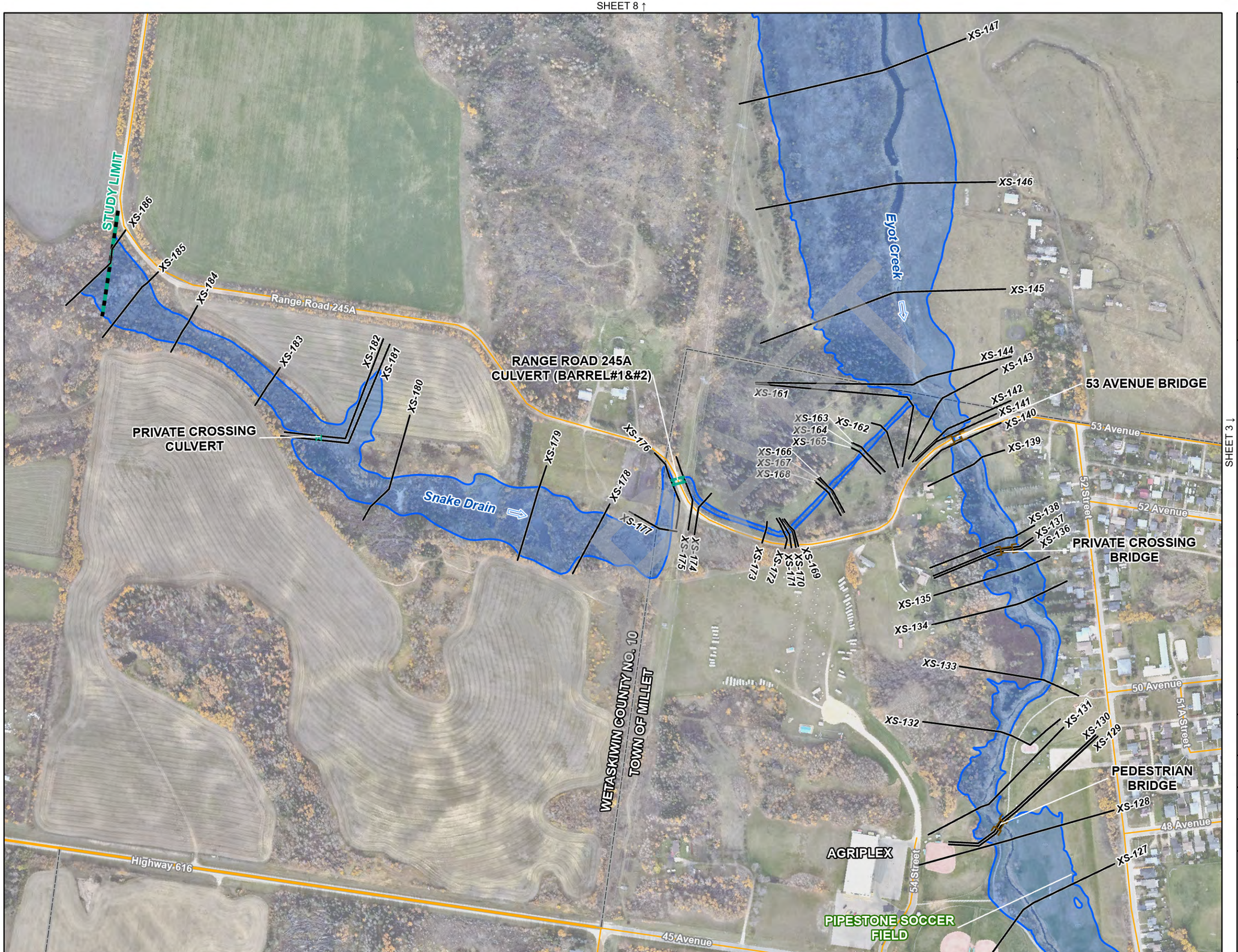
35-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 8 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

SHEET 8 ↑



SHEET 3 ↓

Alberta Canada

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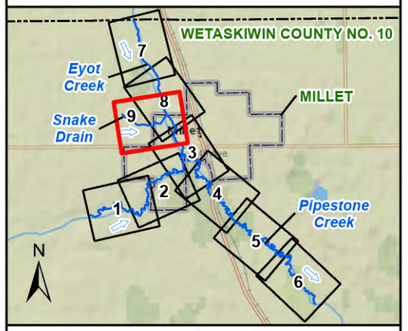


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 35-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
SNAKE DRAIN = 2.1 m^3/s
EYOT CREEK ABOVE SNAKE DRAIN = 14.5 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 15.5 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

35-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 9 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

50-YEAR OPEN WATER FLOOD INUNDATION MAP

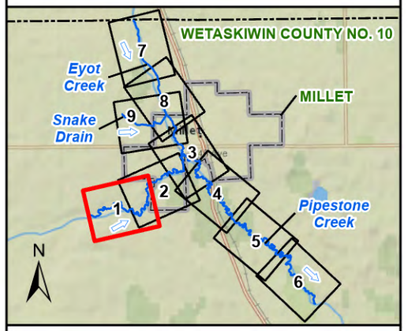
(SHEETS 1 TO 9)

DRAFT

Classification: Public

Alberta Canada

nhc



- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 50-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 22.9 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

50-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 1 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

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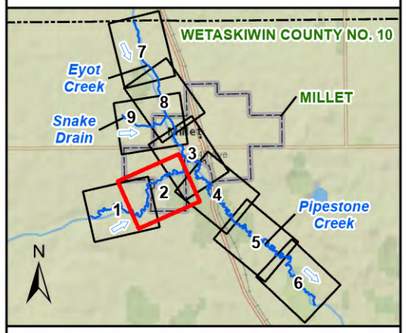


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 50-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 22.9 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

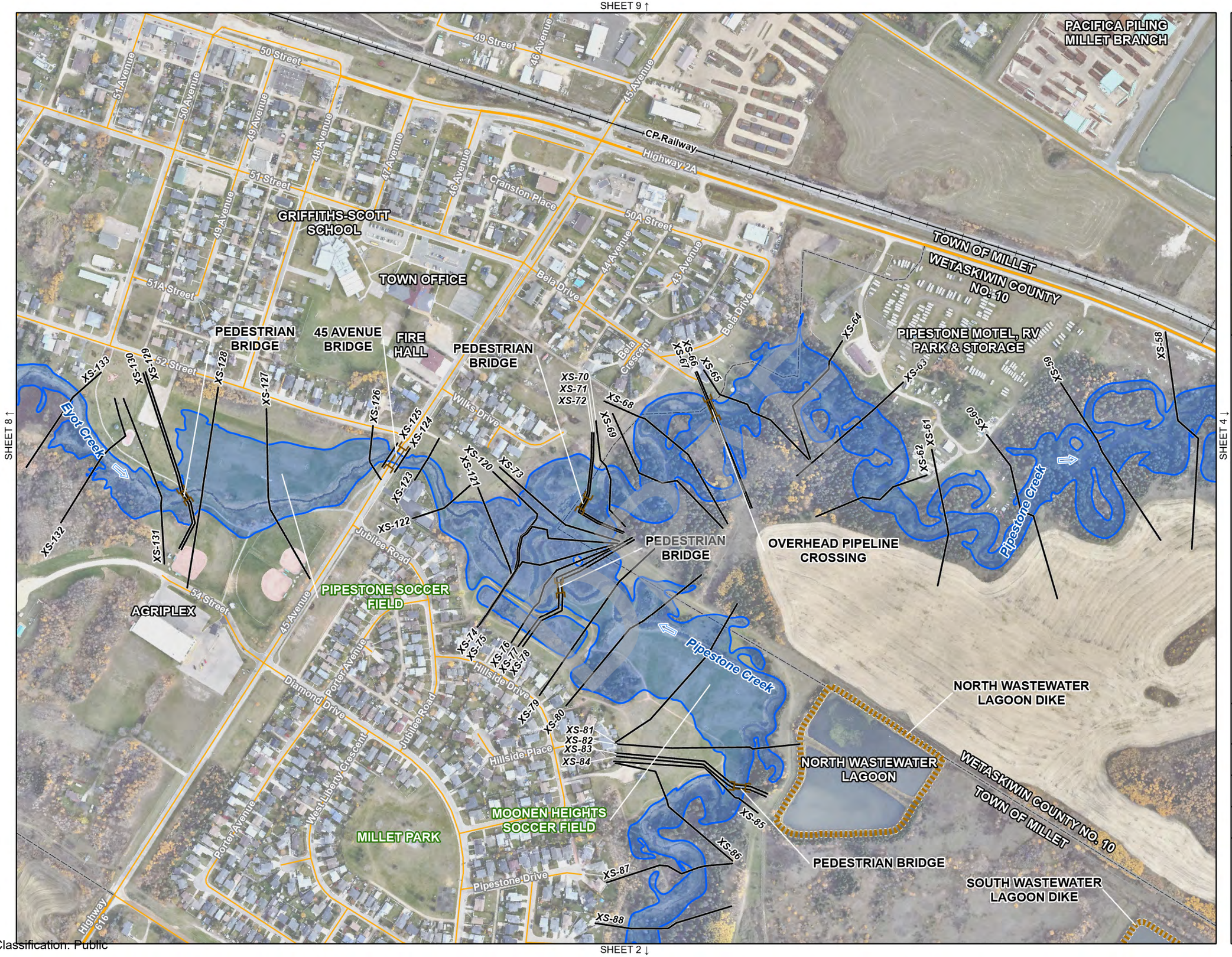
50-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 2 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

SHEET 9 ↑



SHEET 8 ↑

SHEET 4 ↓

SHEET 2 ↓

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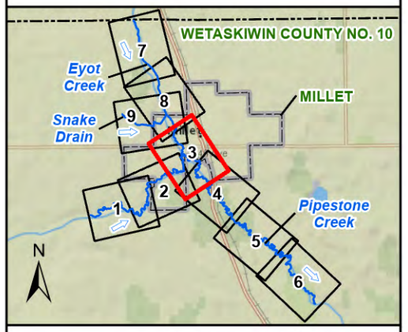


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 50-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

PIPESTONE CREEK ABOVE EYOT CREEK = 22.9 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 17.5 m^3/s
PIPESTONE CREEK BELOW EYOT CREEK = 33.0 m^3/s

SCALE - 1:5,000

0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

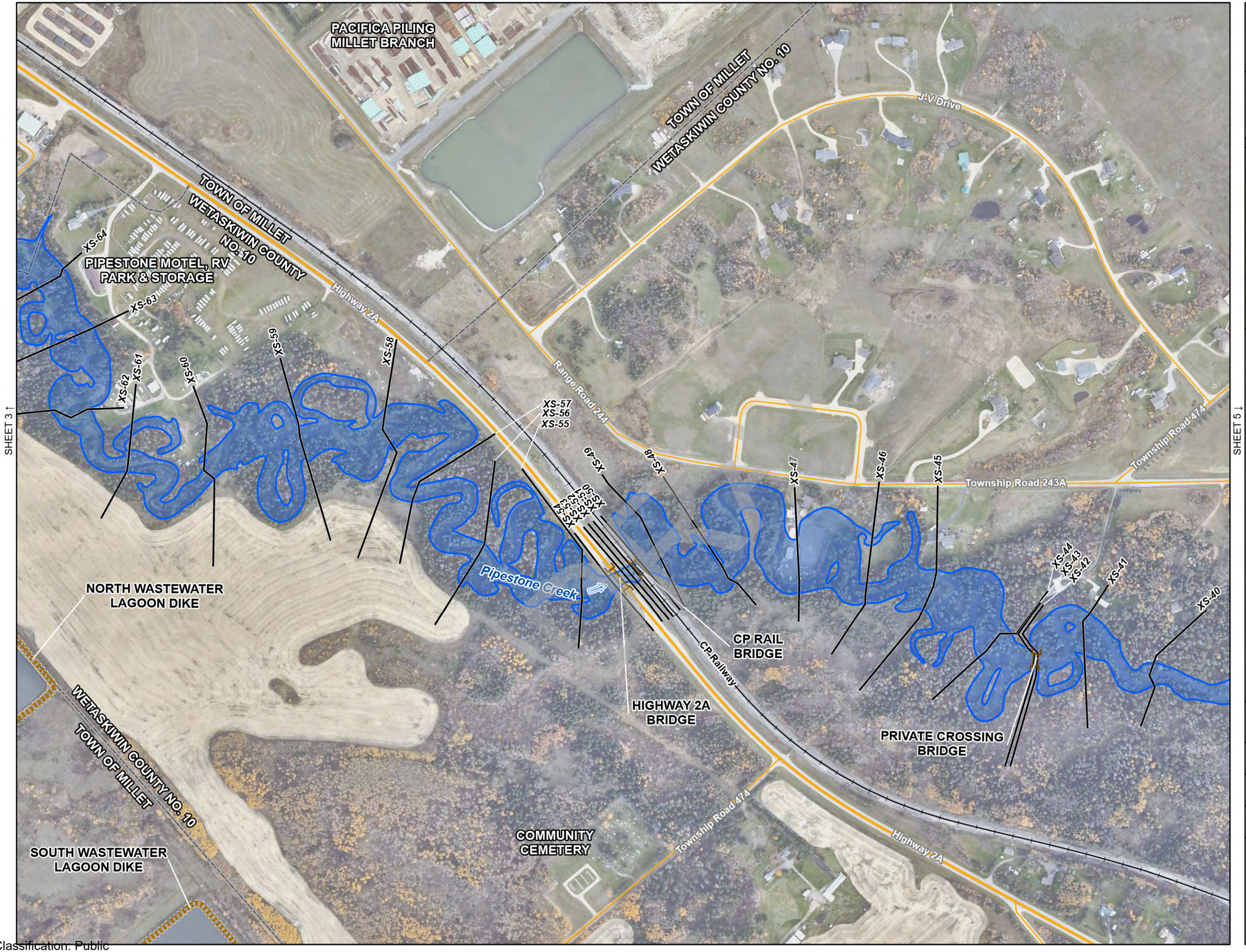
MILLET FLOOD STUDY

50-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 3 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



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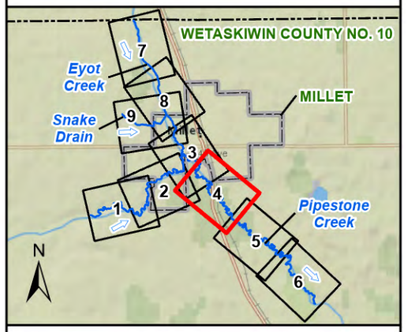

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 50-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 33.0 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

50-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 4 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

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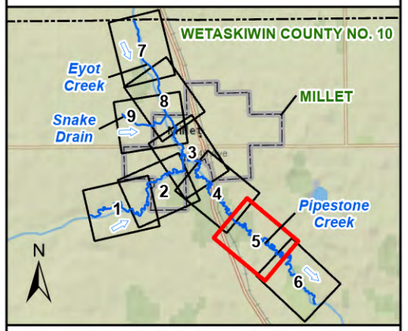

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 50-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 33.0 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

50-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 5 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

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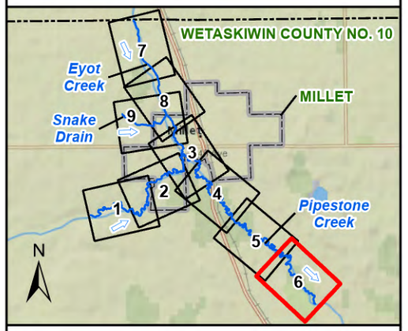

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 50-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 33.0 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

50-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 6 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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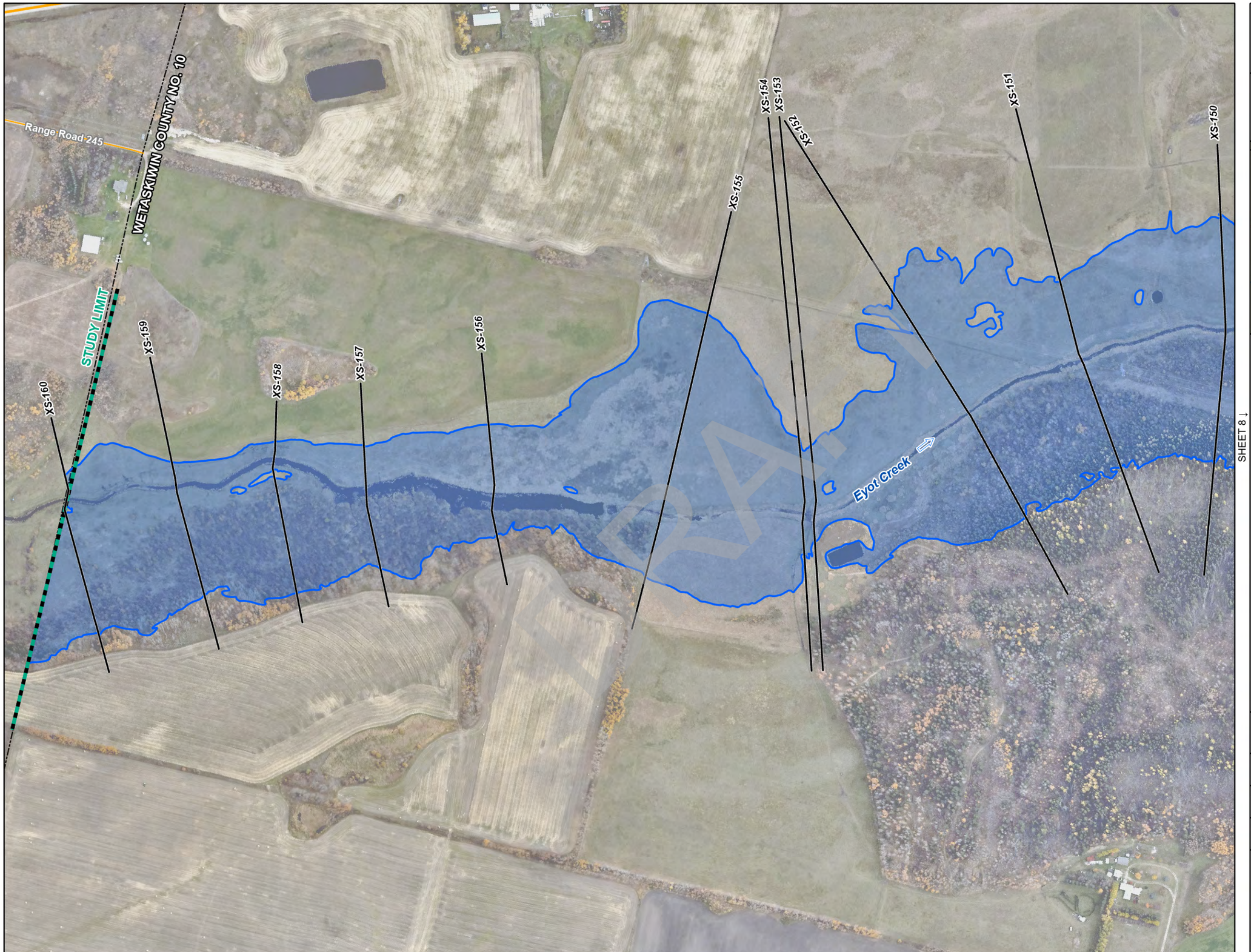
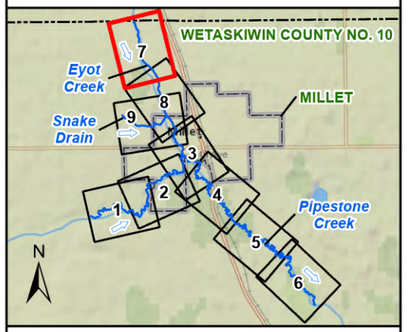


Alberta Canada

nhc



- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 50-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 16.4 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

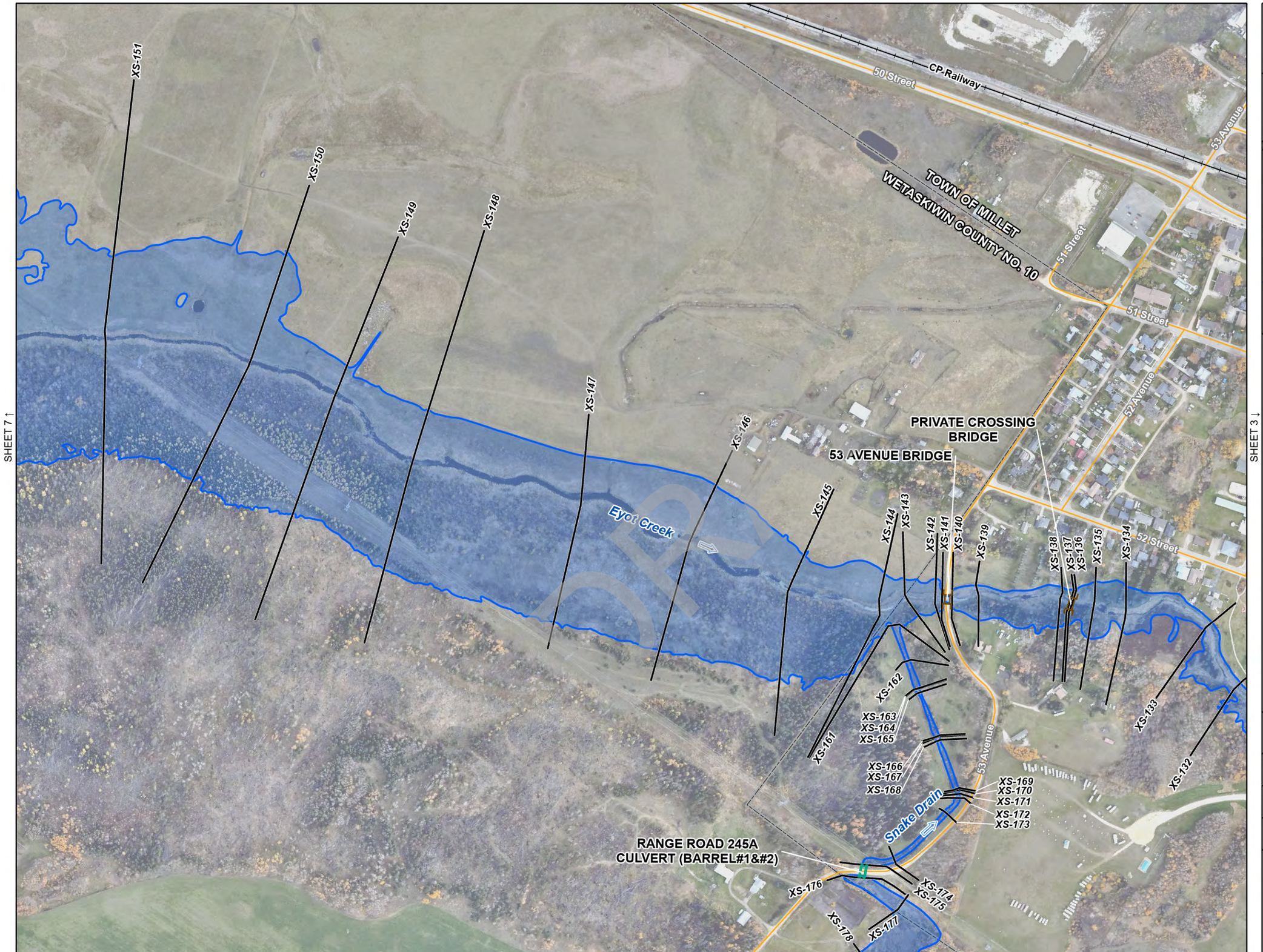
MILLET FLOOD STUDY

50-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 7 OF 9

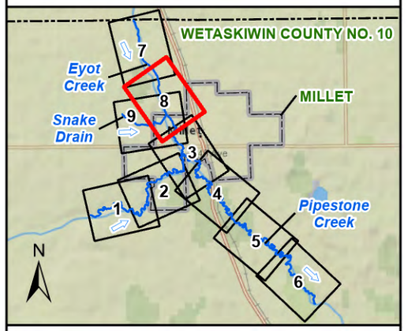
JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



Alberta Canada

nhc



- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 50-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 16.4 m^3/s
SNAKE DRAIN = 2.3 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 17.5 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

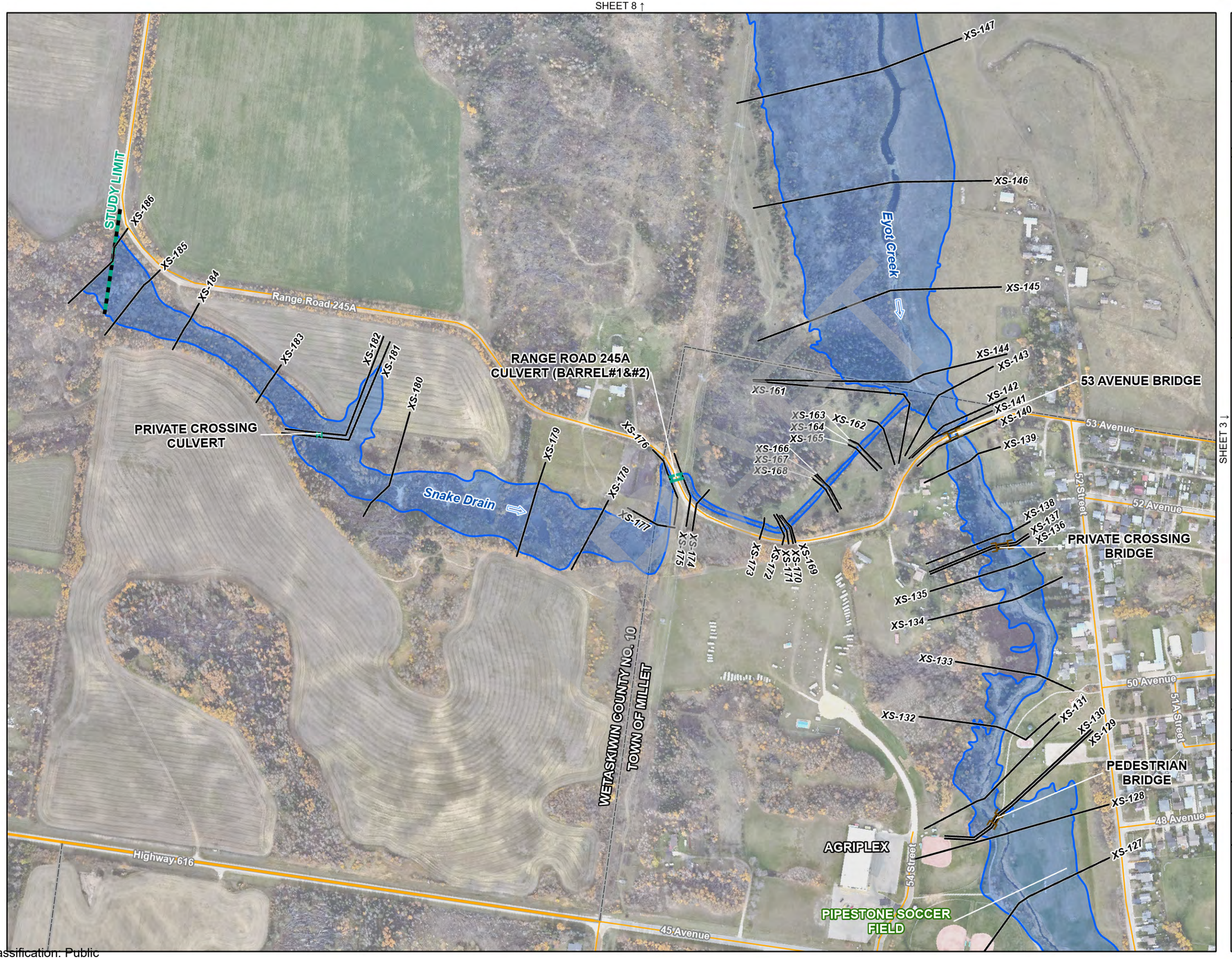
50-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 8 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

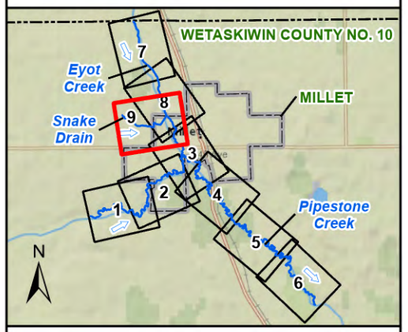
SHEET 8 ↑



SHEET 3 ↓

Alberta Canada

nhc



- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 50-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
SNAKE DRAIN = 2.3 m^3/s
EYOT CREEK ABOVE SNAKE DRAIN = 16.4 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 17.5 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

50-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 9 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

75-YEAR OPEN WATER FLOOD INUNDATION MAP

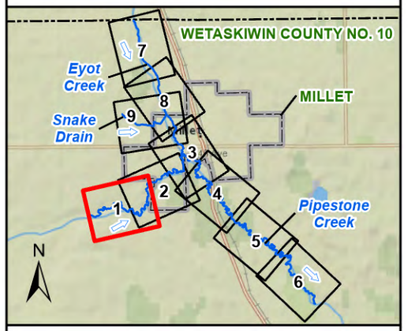
(SHEETS 1 TO 9)

DRAFT

Classification: Public

Alberta Canada

nhc



FLOW DIRECTION
MODEL CROSS SECTION
FLOOD CONTROL STRUCTURE
BRIDGE
CULVERT
RAILWAY
PROVINCIAL HIGHWAY
LOCAL ROAD
TOWN OF MILLET
COUNTY
STUDY LIMIT
75-YEAR FLOOD INUNDATION EXTENT

SHEET 2 ↓

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 26.1 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

75-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 1 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

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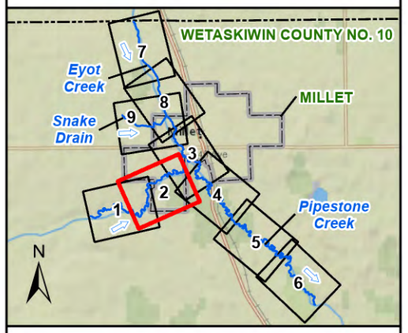


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 75-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 26.1 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

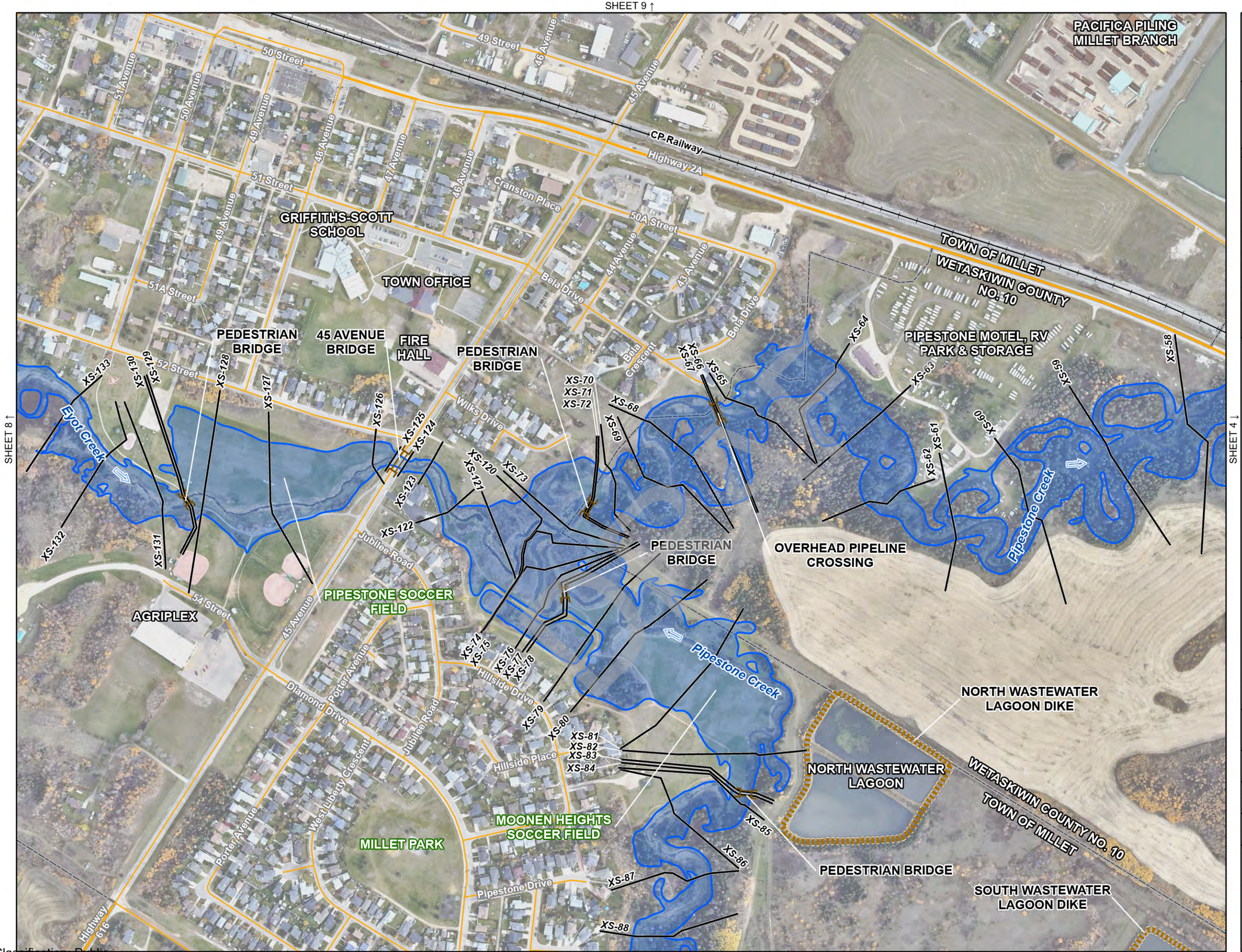
75-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 2 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

SHEET 9 ↑



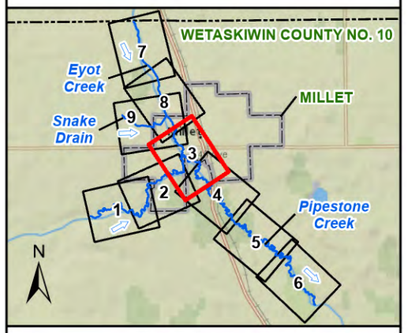
SHEET 8 ↑

SHEET 4 ↓

SHEET 2 ↓

Alberta Canada

nhc



- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 75-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

PIPESTONE CREEK ABOVE EYOT CREEK = 26.1 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 19.8 m^3/s
PIPESTONE CREEK BELOW EYOT CREEK = 37.6 m^3/s

SCALE - 1:5,000

0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

75-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 3 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

Alberta Canada

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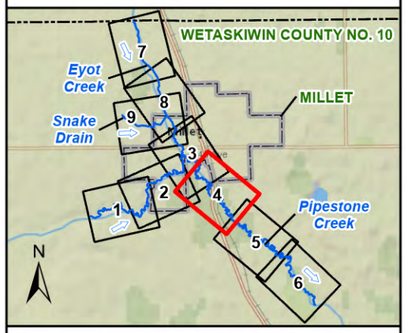


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 75-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 37.6 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

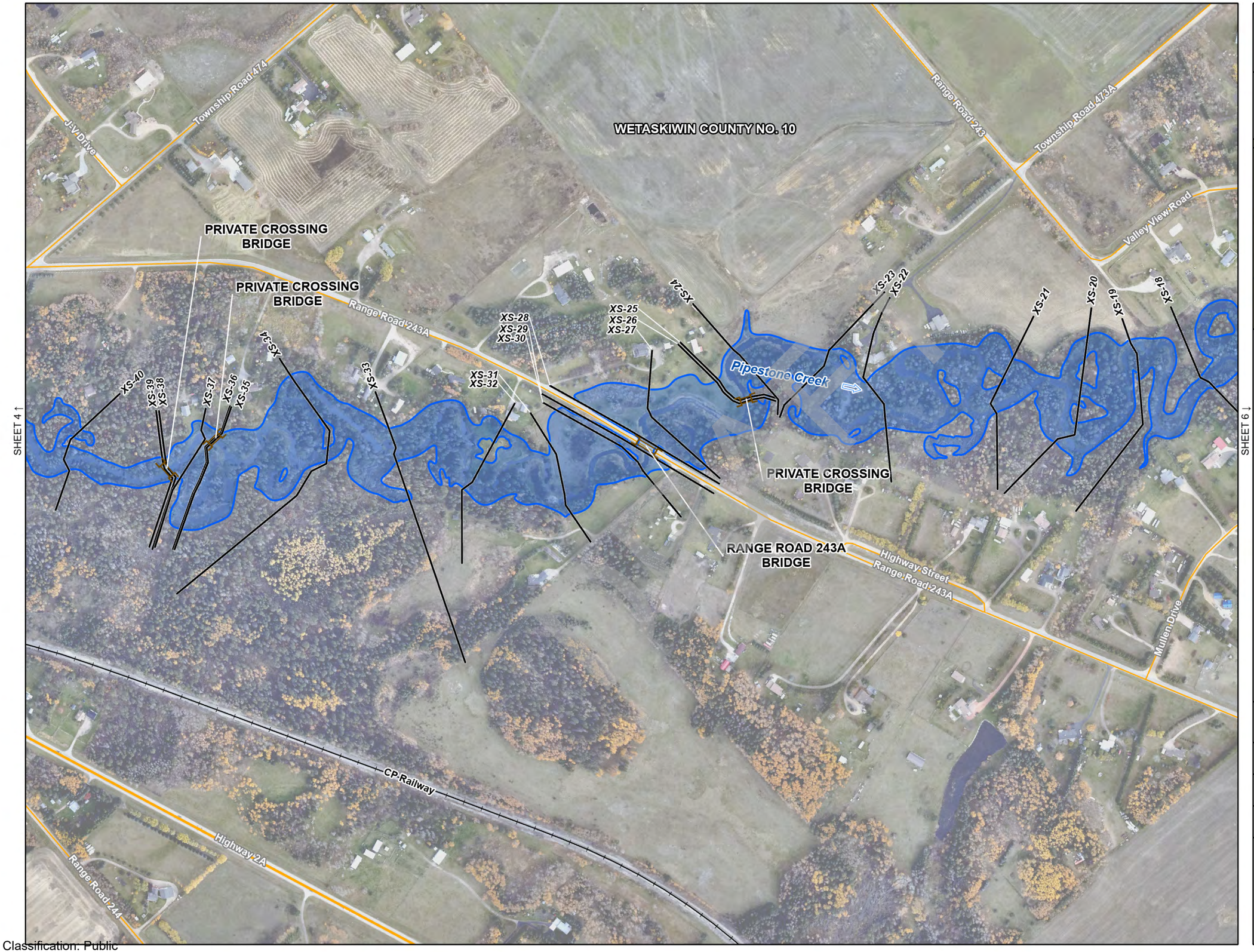
MILLET FLOOD STUDY

75-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 4 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



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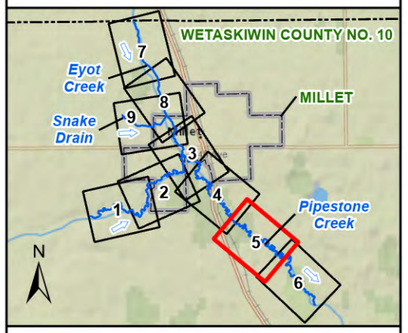

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
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- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 75-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

PIPESTONE CREEK BELOW EYOT CREEK = 37.6 m^3/s

SCALE - 1:5,000

0 50 100 M

N

Coordinate System: NAD 1983 CSRS 3TM 114; Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

75-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 5 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

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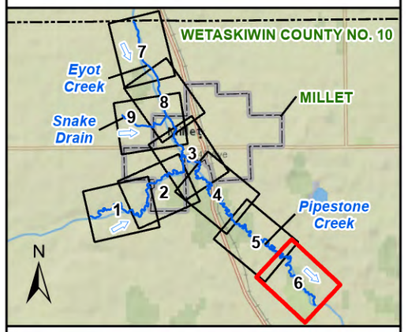

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 75-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 37.6 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

75-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 6 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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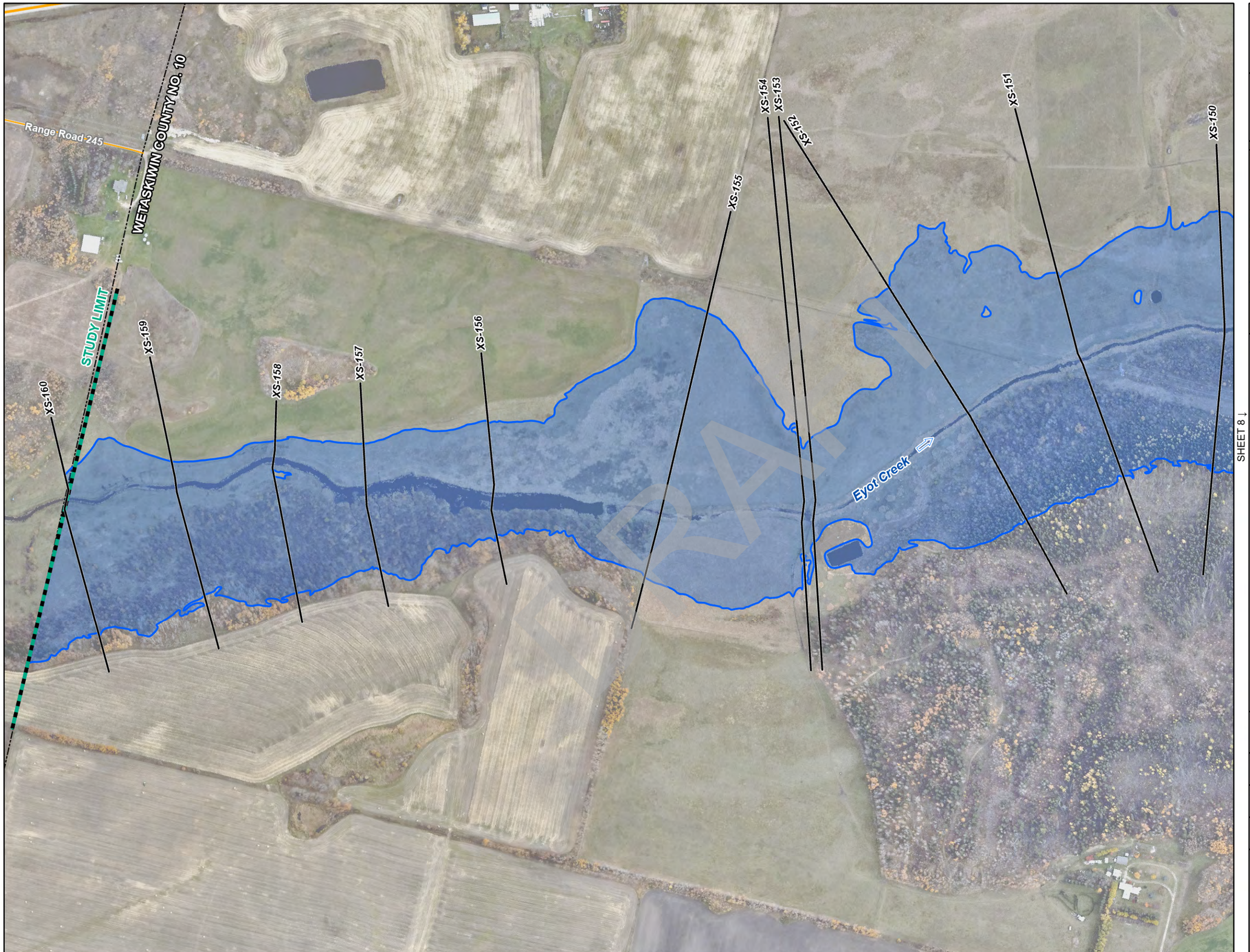

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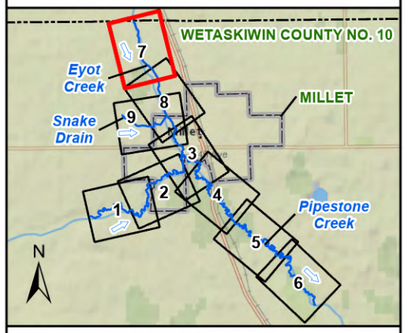

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
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- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 75-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 18.7 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

75-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 7 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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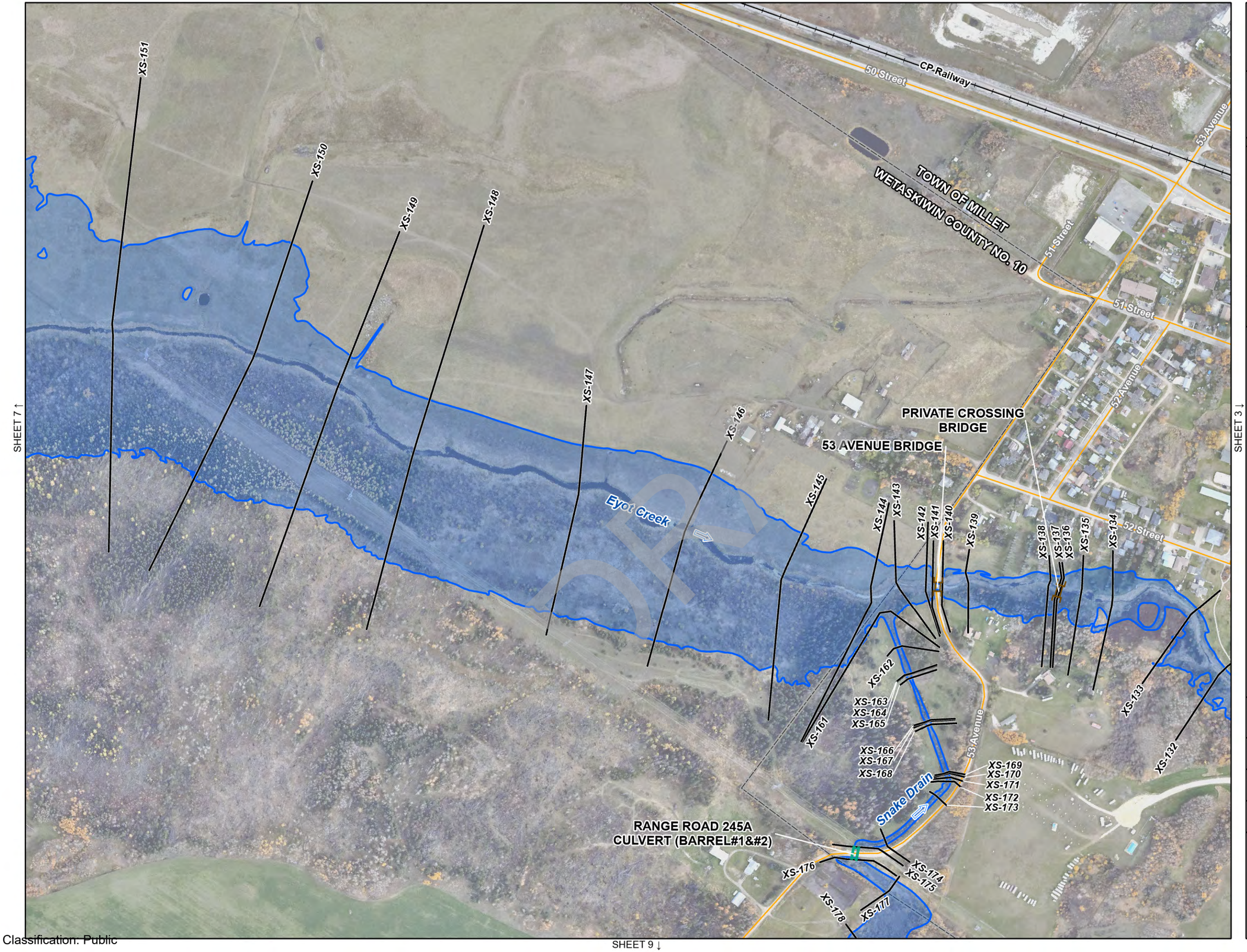

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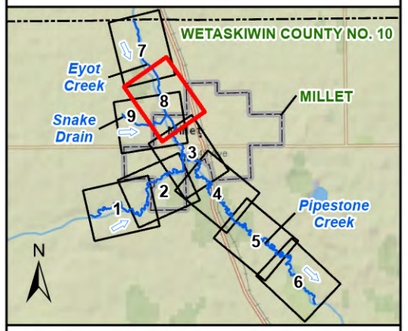

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
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- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 75-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 18.7 m^3/s
SNAKE DRAIN = 2.7 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 19.8 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
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Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

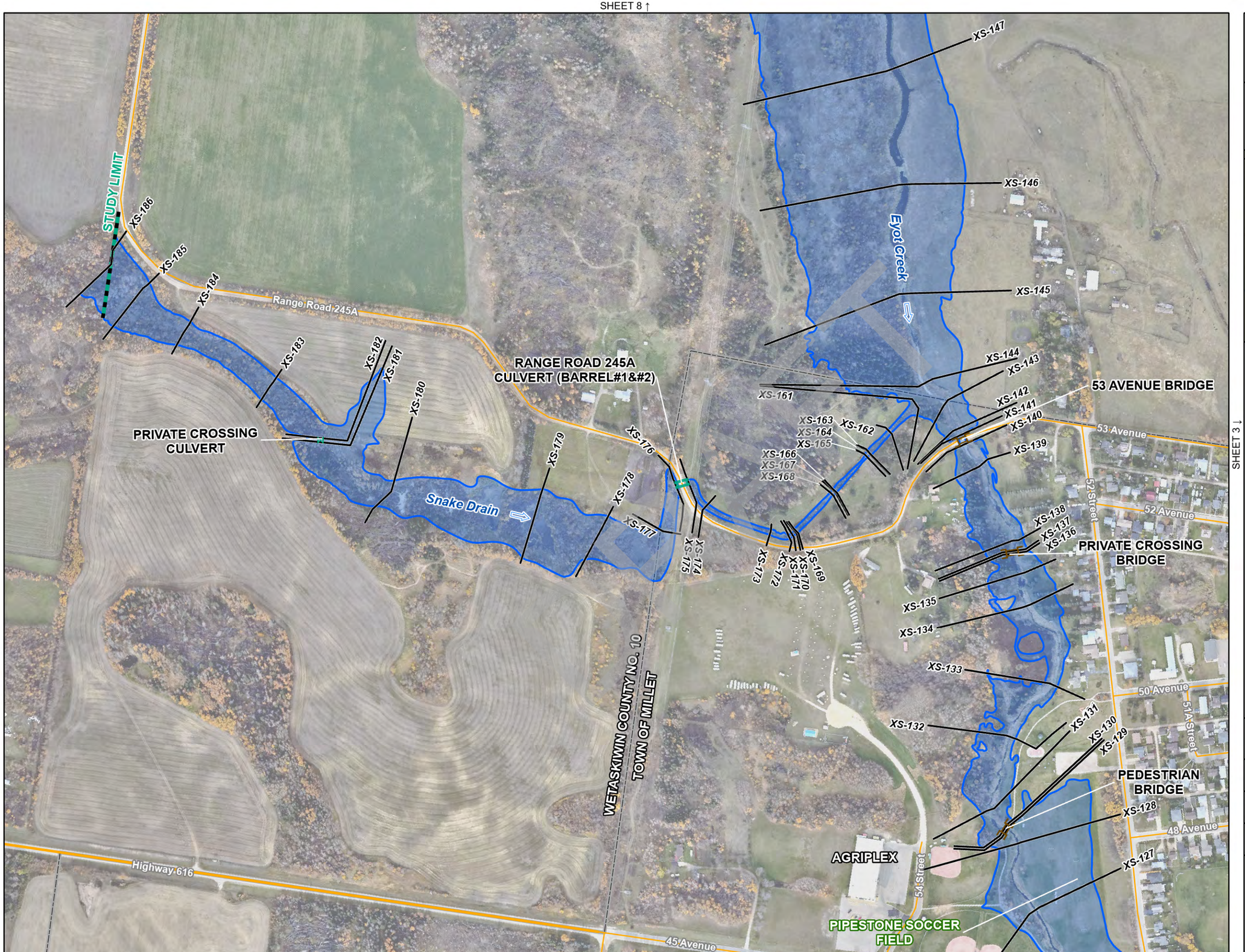
75-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 8 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

SHEET 8 ↑



SHEET 3 ↓

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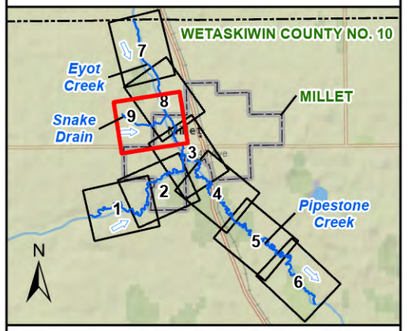

- FLOW DIRECTION
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- BRIDGE
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- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 75-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
SNAKE DRAIN = 2.7 m^3/s
EYOT CREEK ABOVE SNAKE DRAIN = 18.7 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 19.8 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

75-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 9 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

100-YEAR OPEN WATER FLOOD INUNDATION MAP

(SHEETS 1 TO 9)

DRAFT

Classification: Public

Alberta Canada

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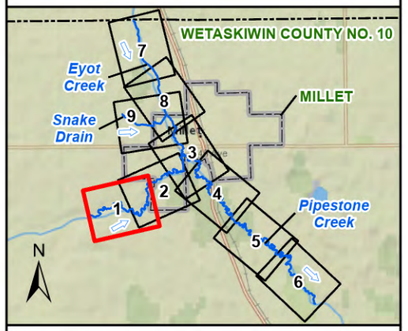

FLOW DIRECTION
MODEL CROSS SECTION
FLOOD CONTROL STRUCTURE
BRIDGE
CULVERT
RAILWAY
PROVINCIAL HIGHWAY
LOCAL ROAD
TOWN OF MILLET
COUNTY
STUDY LIMIT
100-YEAR FLOOD INUNDATION EXTENT

SHEET 2 ↓

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 28.2 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

100-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 1 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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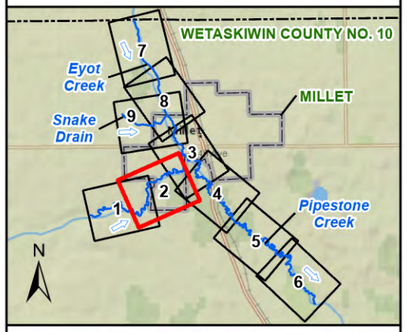

- FLOW DIRECTION
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- STUDY LIMIT
- 100-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 28.2 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
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Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

100-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 2 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

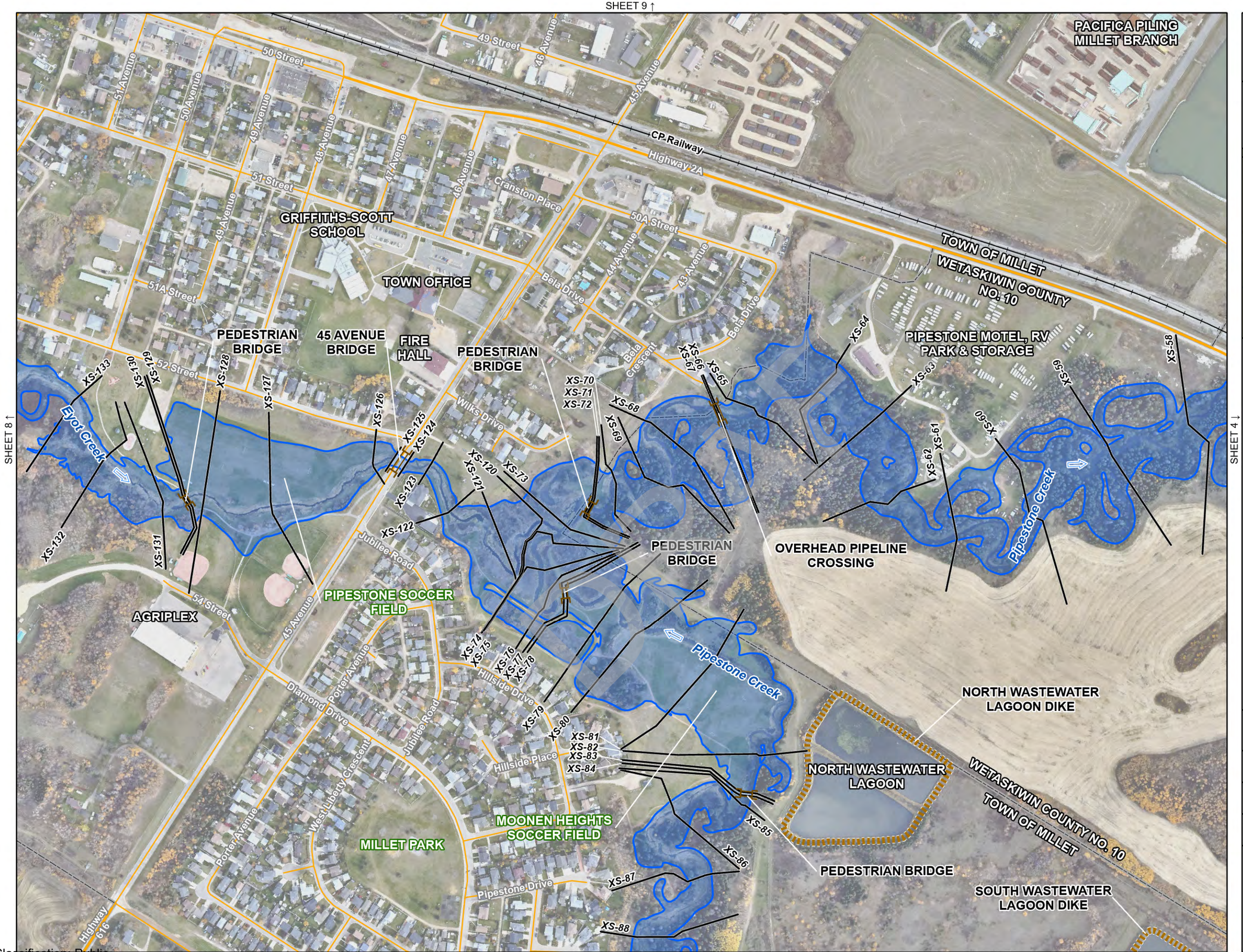
Classification: Public

SHEET 9 ↑

SHEET 8 ↑

SHEET 4 ↓

SHEET 2 ↓



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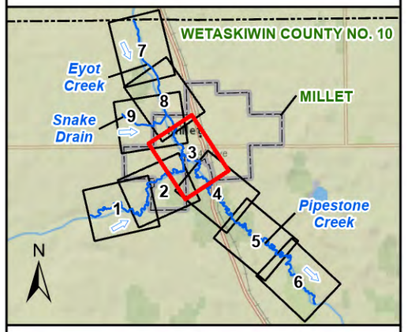

- FLOW DIRECTION
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- COUNTY
- STUDY LIMIT
- 100-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

PIPESTONE CREEK ABOVE EYOT CREEK = 28.2 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 21.5 m^3/s
PIPESTONE CREEK BELOW EYOT CREEK = 40.6 m^3/s

SCALE - 1:5,000

0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

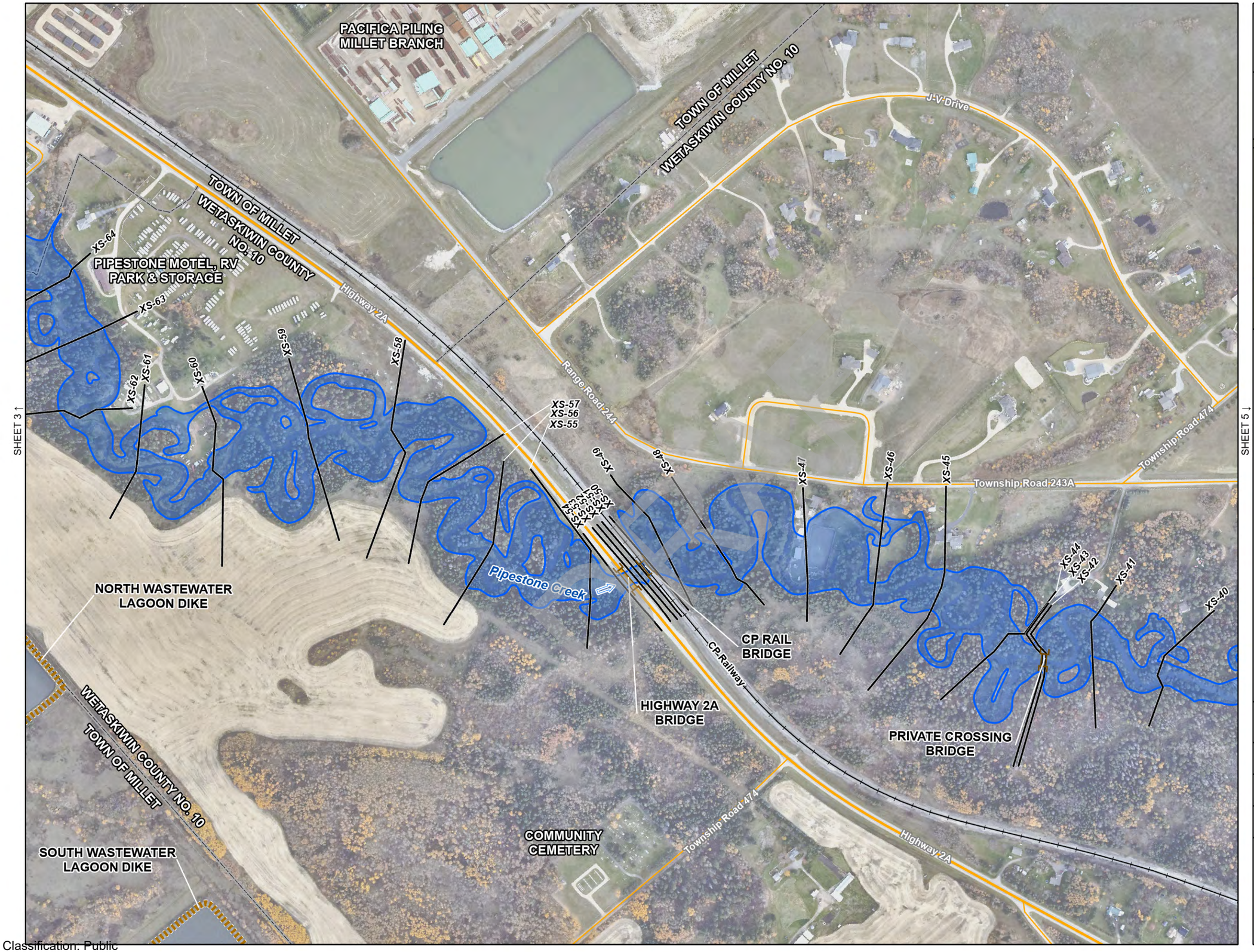
MILLET FLOOD STUDY

100-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 3 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



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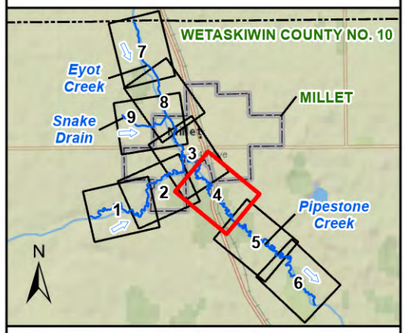

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- COUNTY
- STUDY LIMIT
- 100-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 40.6 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
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Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

100-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 4 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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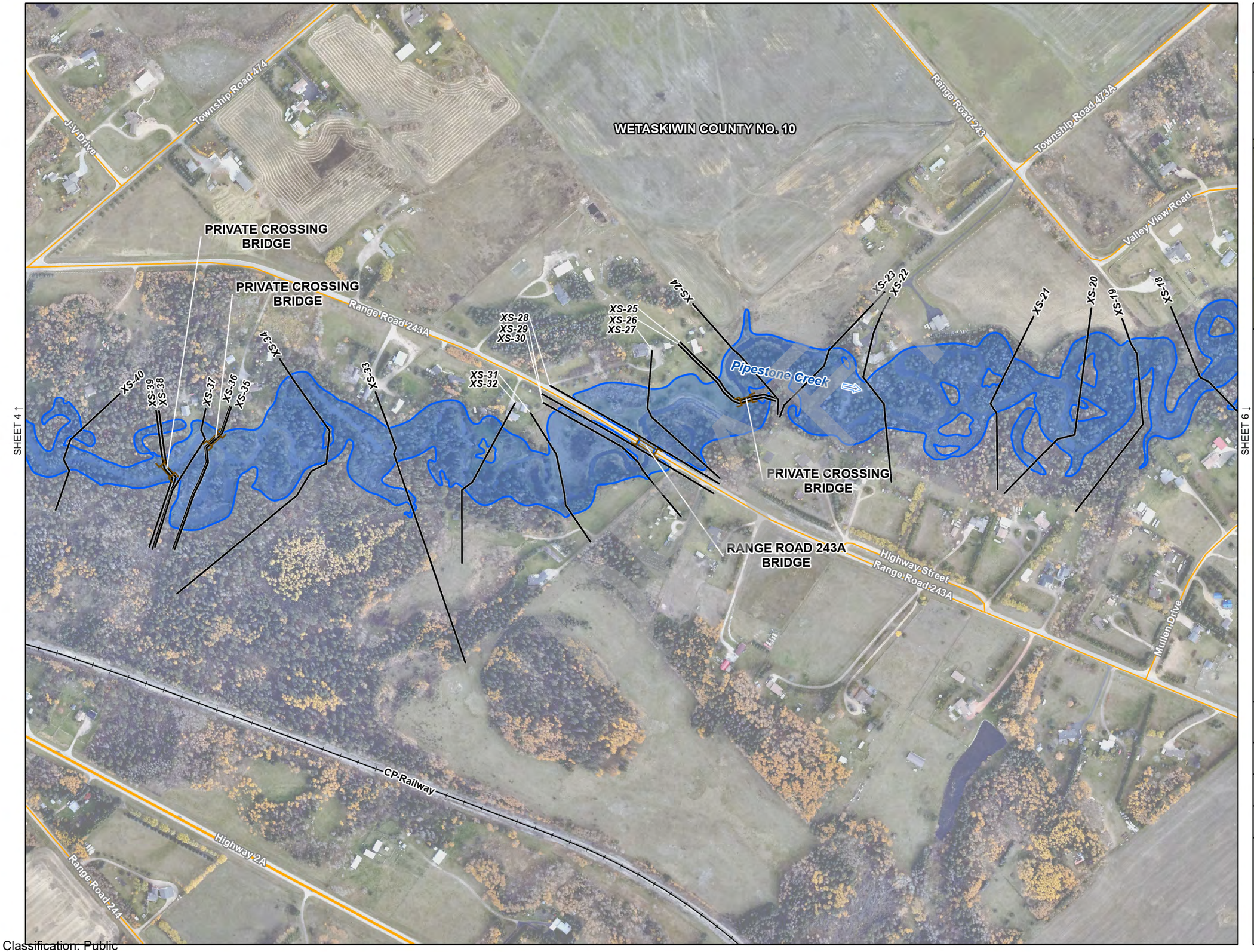

Alberta Canada

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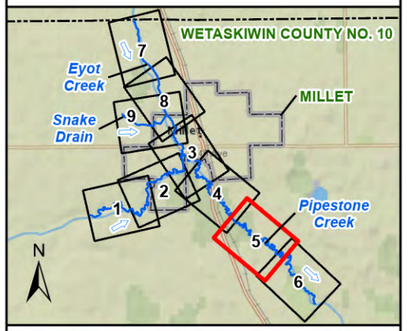

- FLOW DIRECTION
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DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 40.6 m^3/s

SCALE - 1:5,000
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Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

100-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 5 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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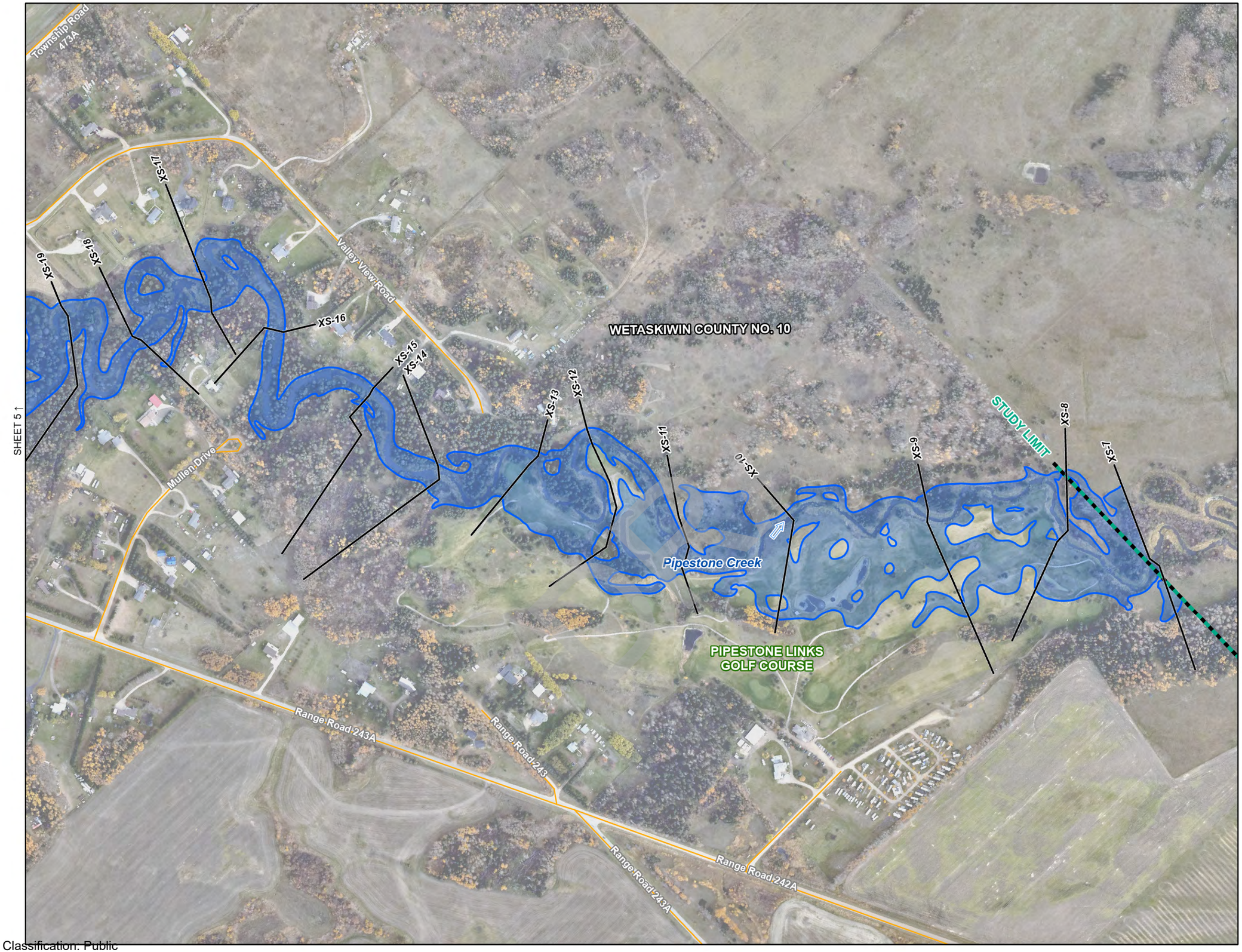

Alberta Canada

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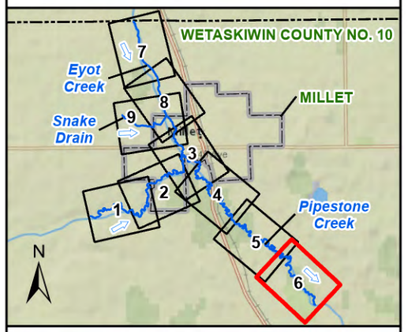

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DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 40.6 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
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MILLET FLOOD STUDY

100-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 6 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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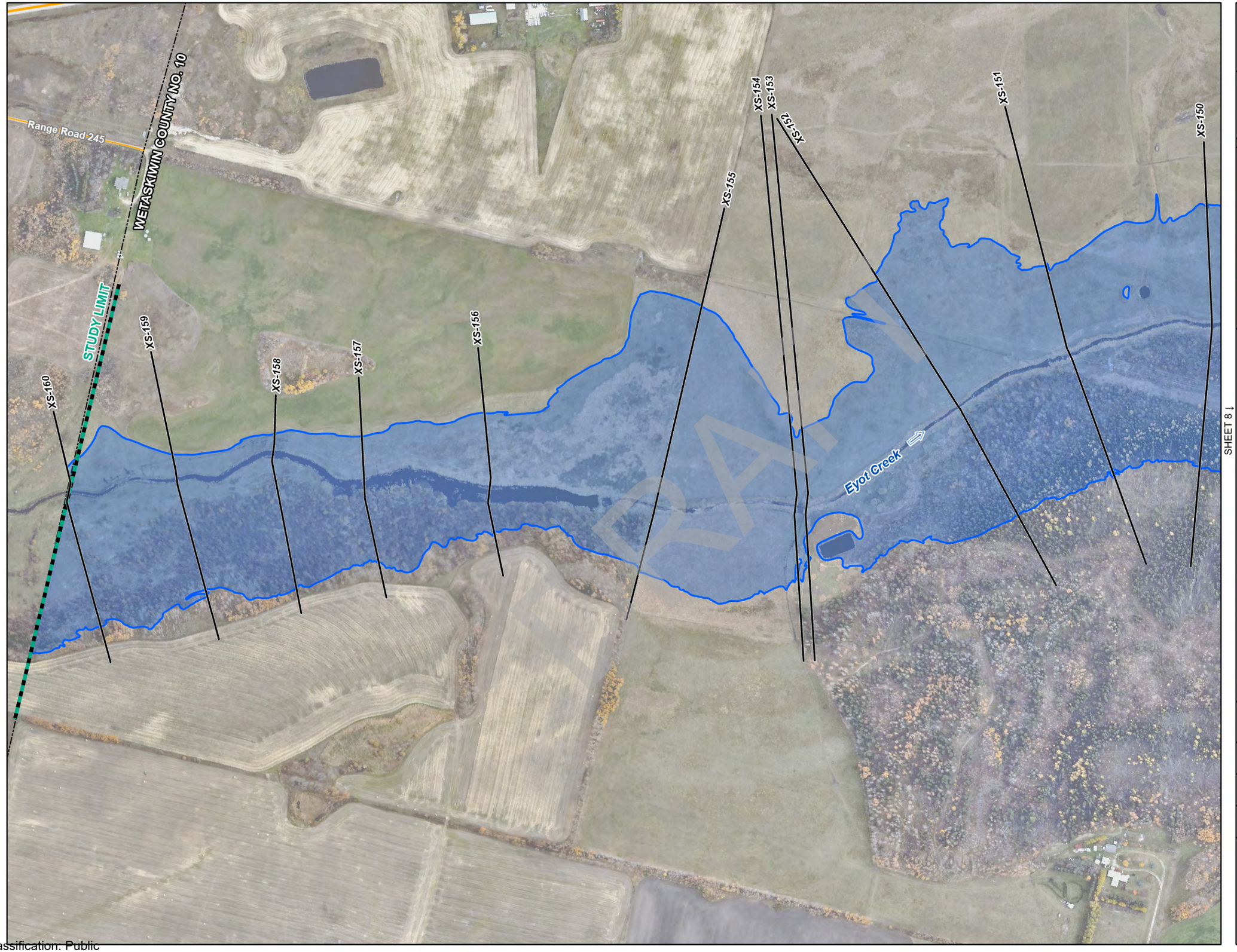

Alberta Canada

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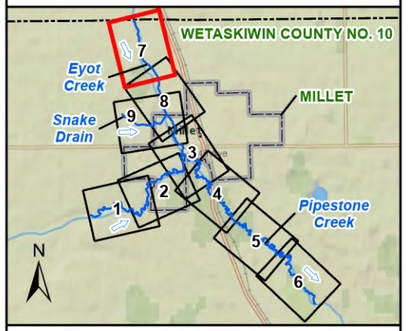

- FLOW DIRECTION
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- STUDY LIMIT
- 100-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 20.2 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
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Engineer	GIS	Reviewer
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MILLET FLOOD STUDY

100-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 7 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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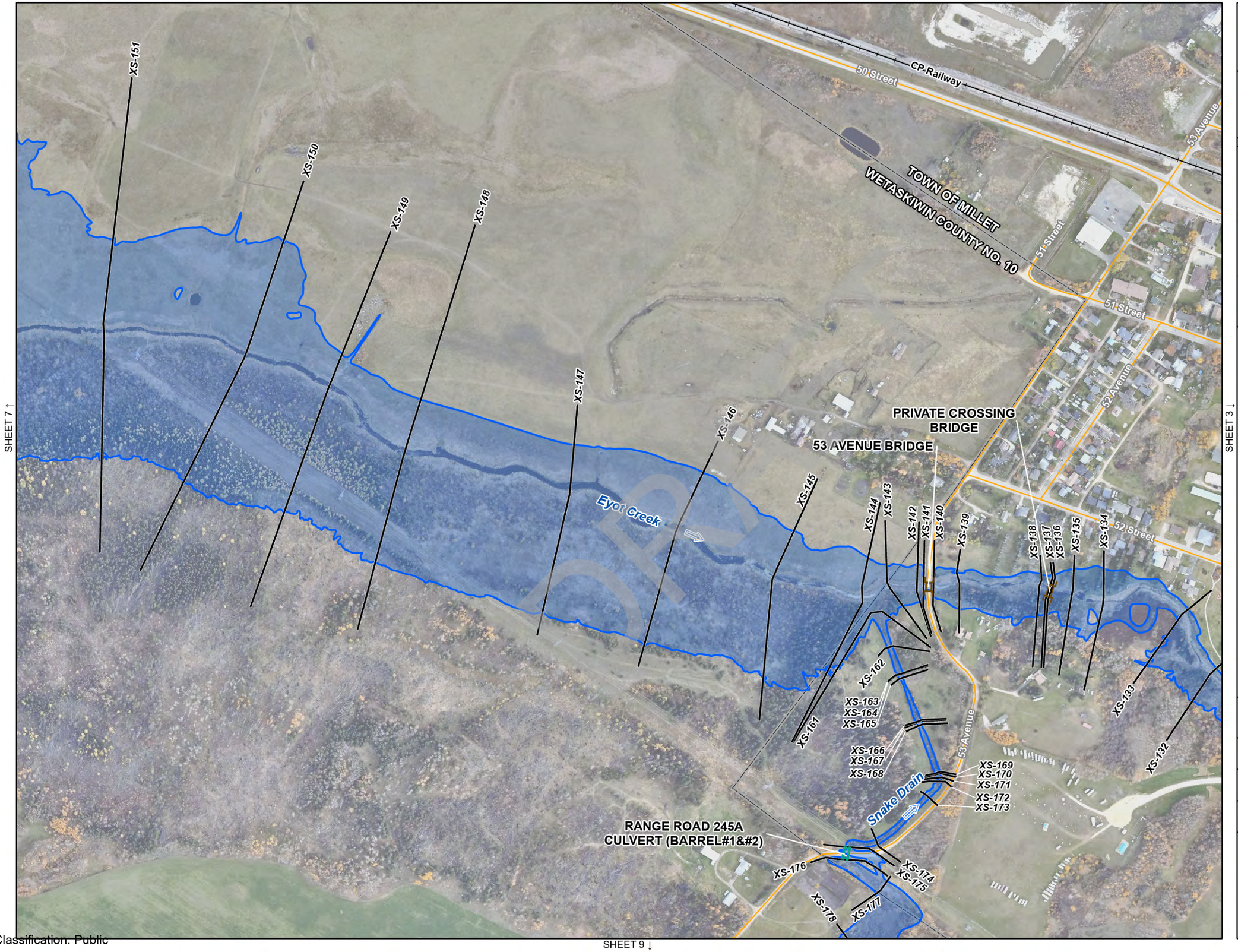

Alberta Canada

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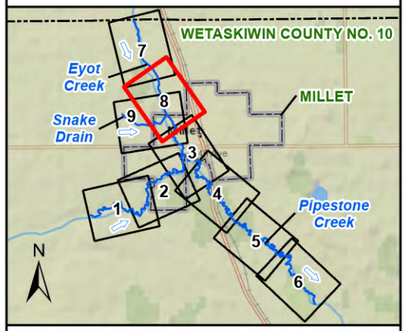

FLOW DIRECTION
MODEL CROSS SECTION
FLOOD CONTROL STRUCTURE
BRIDGE
CULVERT
RAILWAY
PROVINCIAL HIGHWAY
LOCAL ROAD
TOWN OF MILLET
COUNTY
STUDY LIMIT
100-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 20.2 m^3/s
SNAKE DRAIN = 2.9 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 21.5 m^3/s

SCALE - 1:5,000
0 50 100 M

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Engineer	GIS	Reviewer
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Job Number	Date
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MILLET FLOOD STUDY

100-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 8 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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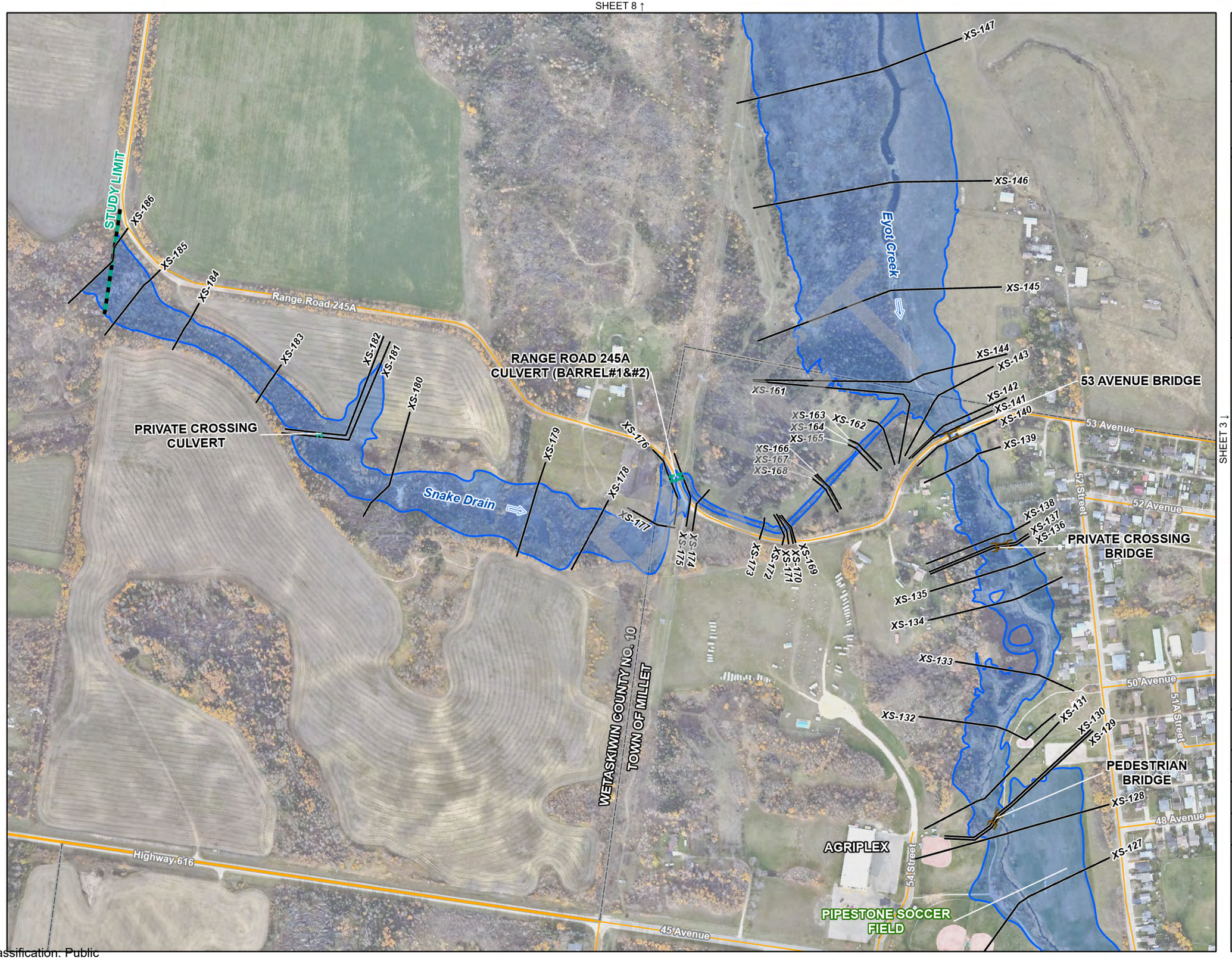
SHEET 8 ↑



SHEET 3 ↓

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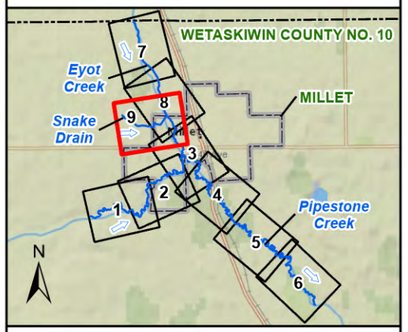


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 100-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
SNAKE DRAIN = 2.9 m^3/s
EYOT CREEK ABOVE SNAKE DRAIN = 20.2 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 21.5 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

100-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 9 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

200-YEAR OPEN WATER FLOOD INUNDATION MAP

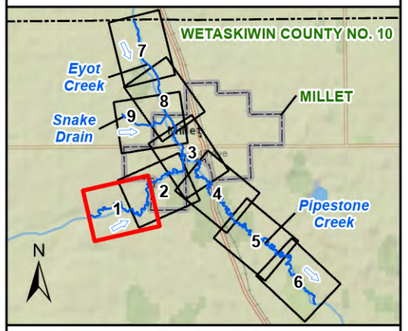
(SHEETS 1 TO 9)

DRAFT

Classification: Public

Alberta Canada

nhc



- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 200-YEAR FLOOD INUNDATION EXTENT

SHEET 2 ↓

DISCHARGE

PIPESTONE CREEK ABOVE EYOT CREEK = 33.6 m^3/s

SCALE - 1:5,000

0 50 100 M

N

Coordinate System: NAD 1983 CSRS 3TM 114; Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

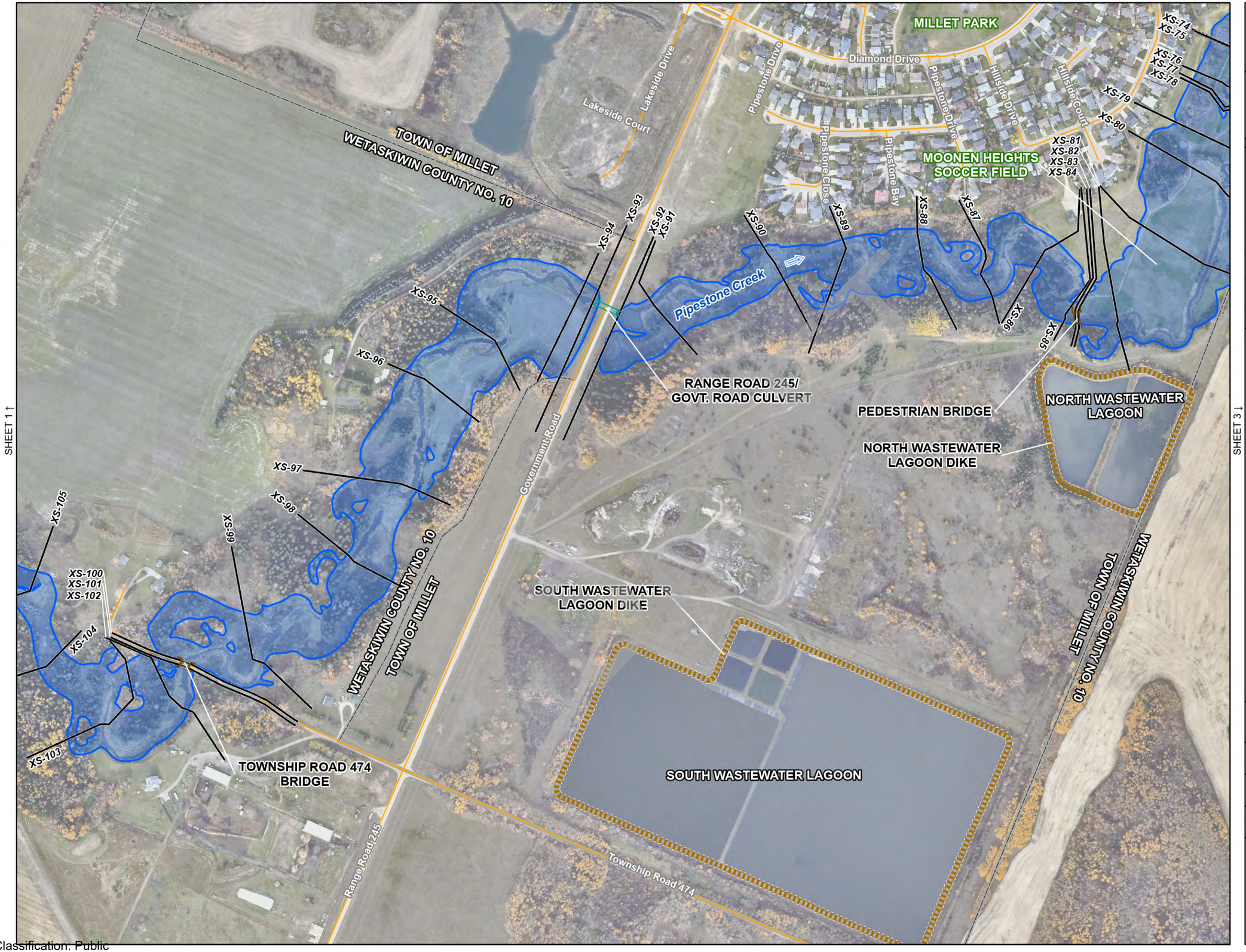
MILLET FLOOD STUDY

200-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 1 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



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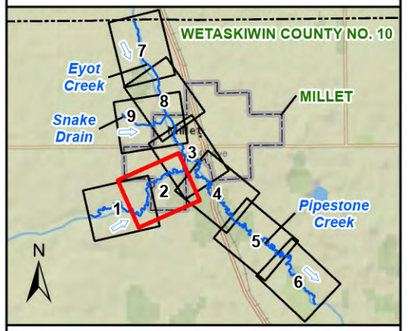


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 200-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 33.6 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

200-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 2 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

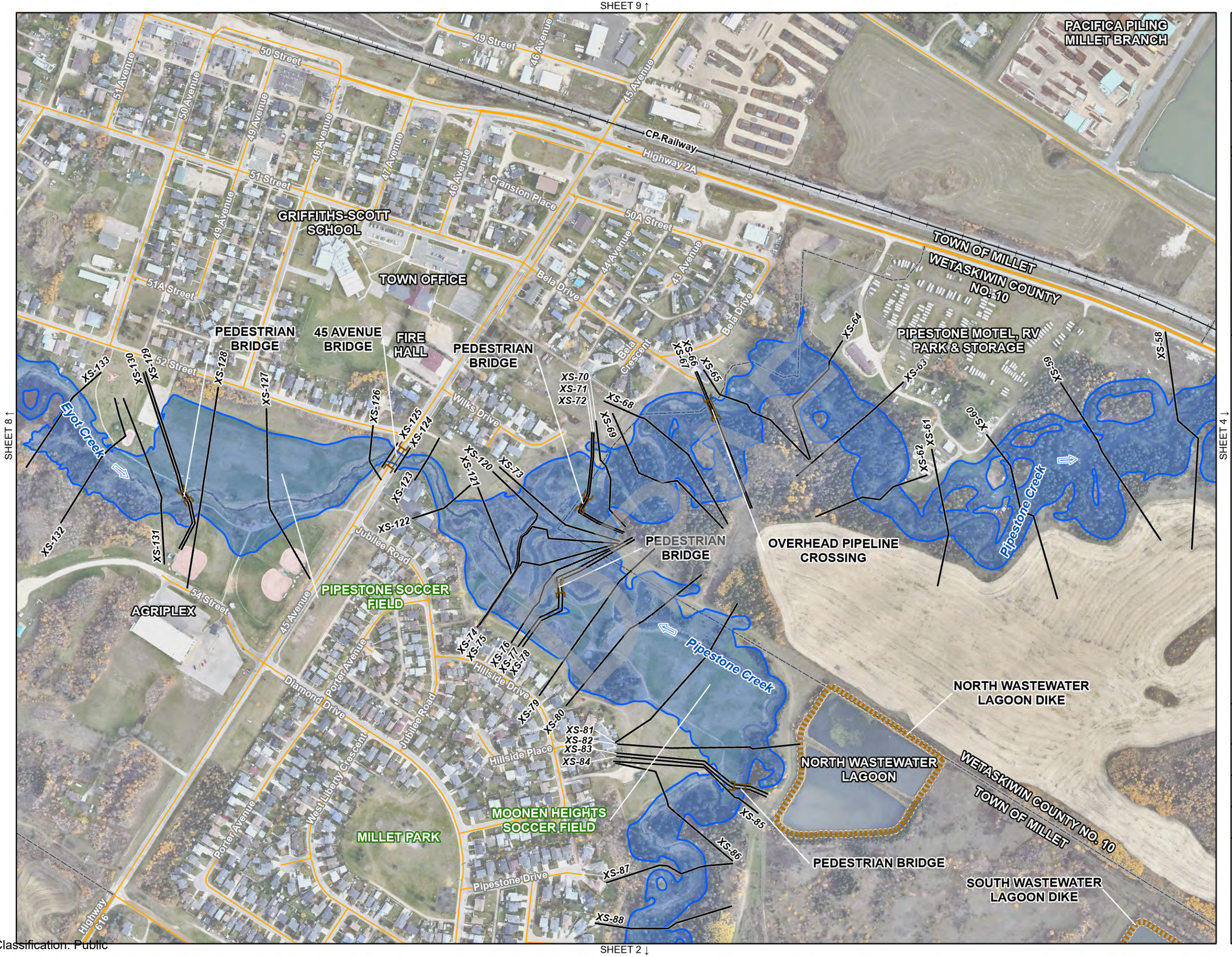
Classification: Public

SHEET 9 ↑

SHEET 8 ↑

SHEET 4 ↓

SHEET 2 ↓



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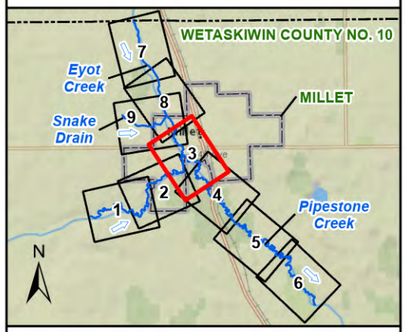


FLOW DIRECTION
MODEL CROSS SECTION
FLOOD CONTROL STRUCTURE
BRIDGE
CULVERT
RAILWAY
PROVINCIAL HIGHWAY
LOCAL ROAD
TOWN OF MILLET
COUNTY
STUDY LIMIT
200-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 33.6 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 25.5 m^3/s
PIPESTONE CREEK BELOW EYOT CREEK = 48.4 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

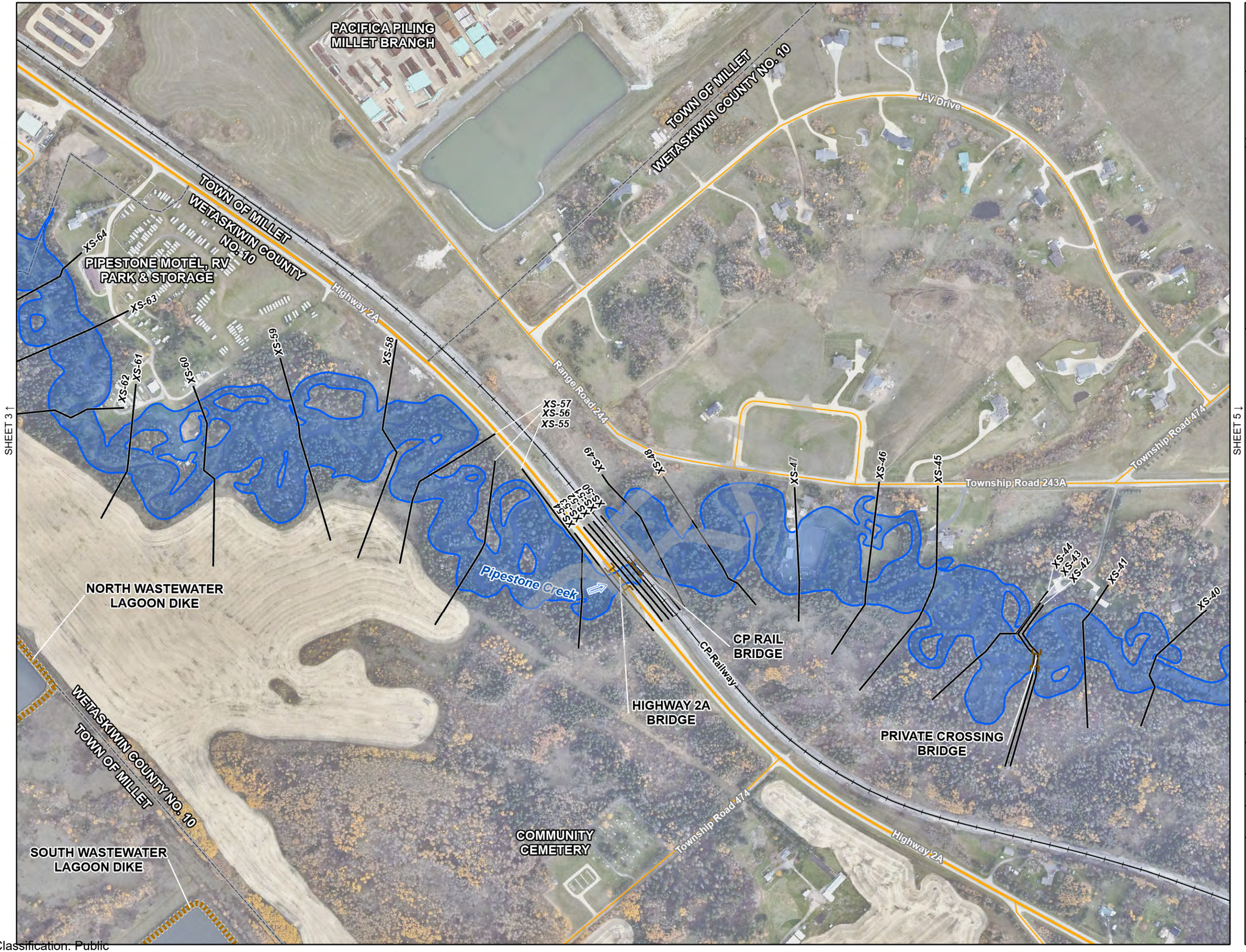
MILLET FLOOD STUDY

200-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 3 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



Alberta Canada

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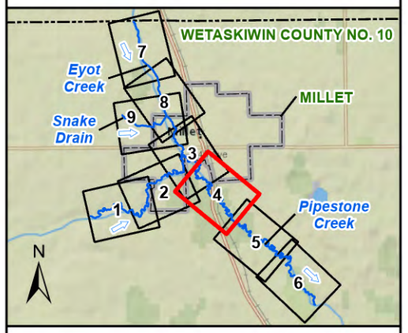

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 200-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 48.4 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

200-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 4 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

Alberta Canada

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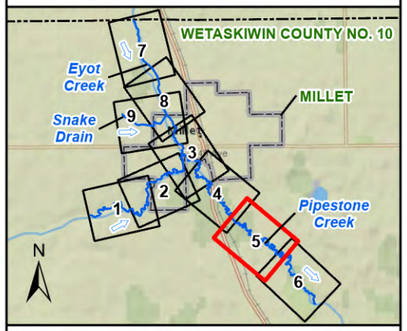

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 200-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

PIPESTONE CREEK BELOW EYOT CREEK = 48.4 m^3/s

SCALE - 1:5,000

0 50 100 M

N

Coordinate System: NAD 1983 CSRS 3TM 114; Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

200-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 5 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

Alberta Canada

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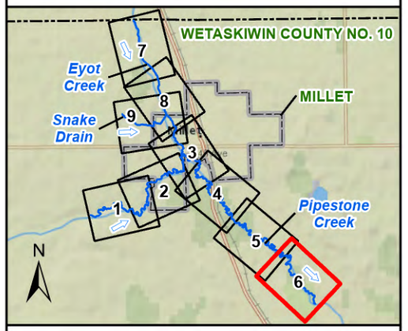


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 200-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

PIPESTONE CREEK BELOW EYOT CREEK = 48.4 m^3/s

SCALE - 1:5,000

0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114; Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

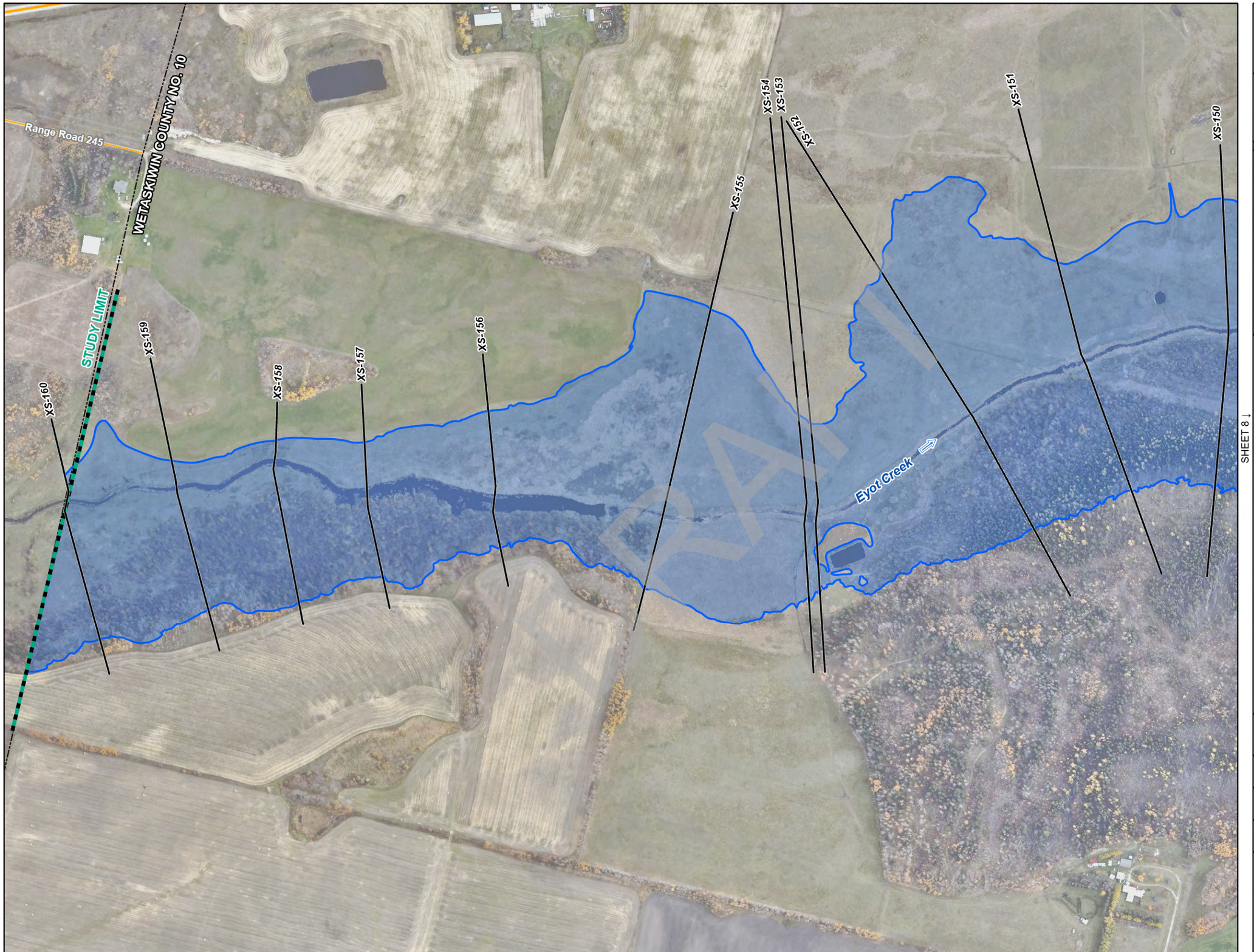
MILLET FLOOD STUDY

200-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 6 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



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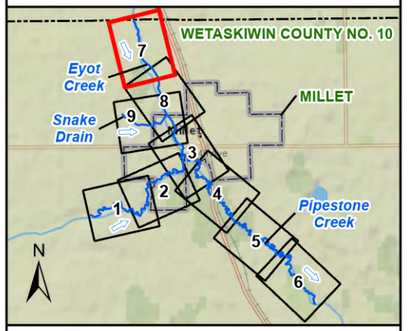


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 200-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 24.0 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

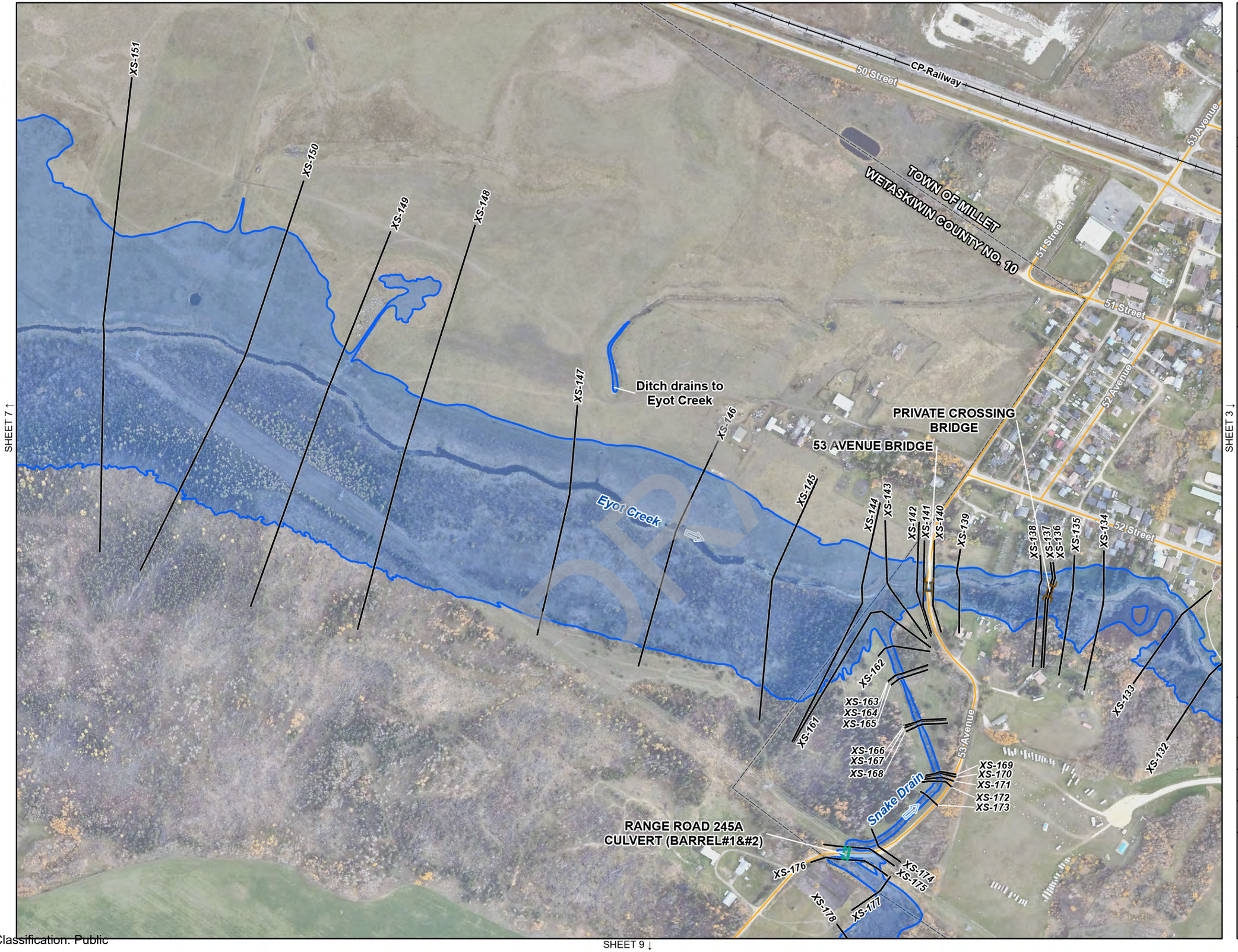
MILLET FLOOD STUDY

200-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 7 OF 9

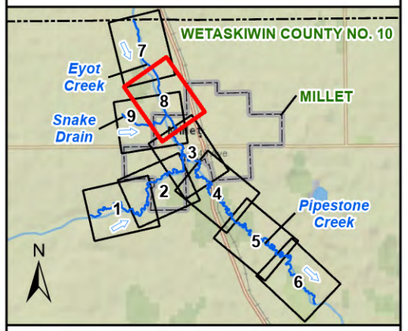
JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



Alberta Canada

nhc



- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 200-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 24.0 m^3/s
SNAKE DRAIN = 3.4 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 25.5 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

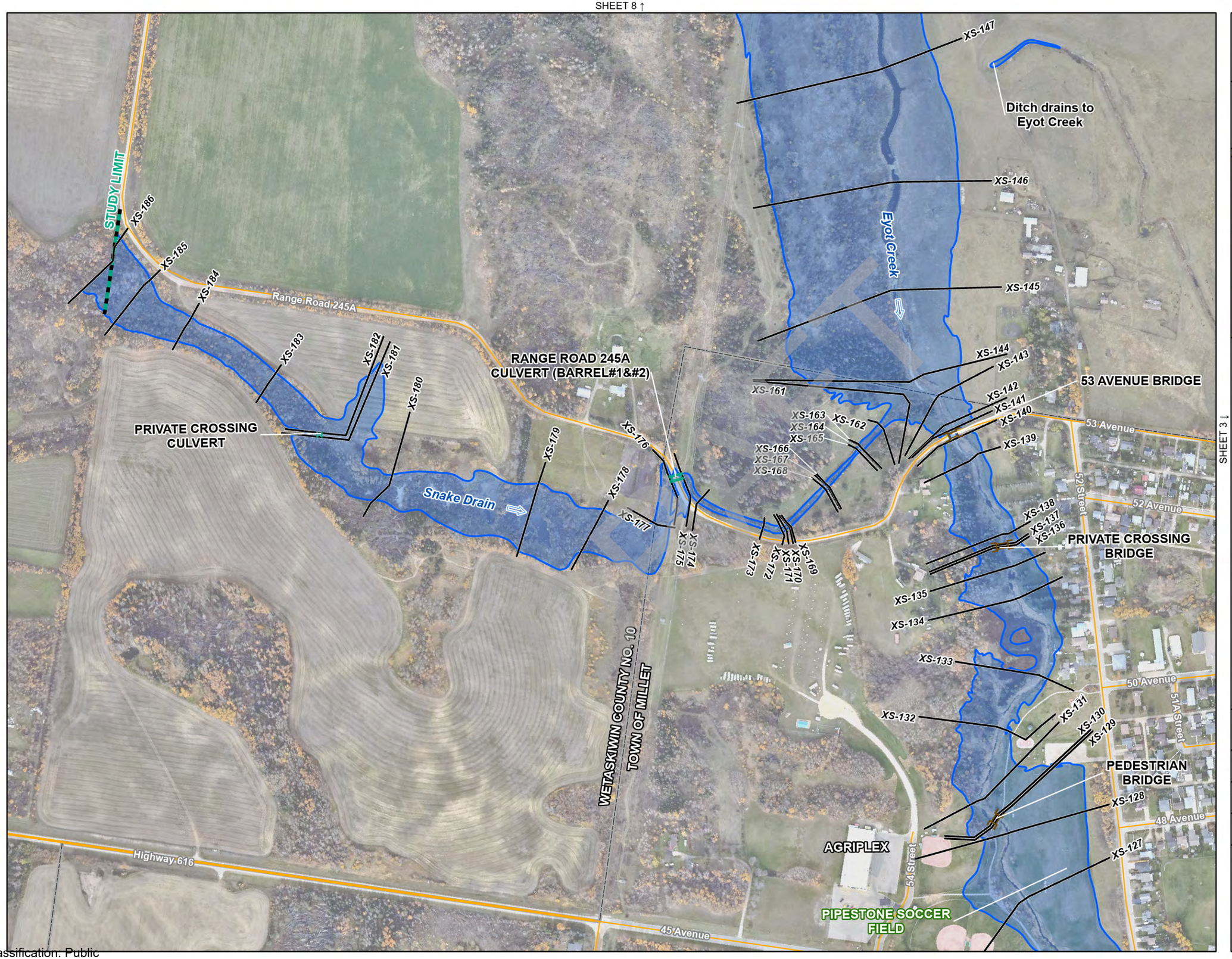
200-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 8 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

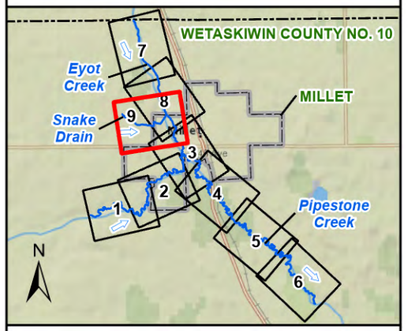
SHEET 8 ↑



SHEET 3 ↓

Alberta Canada

nhc



- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 200-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
SNAKE DRAIN = 3.4 m^3/s
EYOT CREEK ABOVE SNAKE DRAIN = 24.0 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 25.5 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

200-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 9 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

350-YEAR OPEN WATER FLOOD INUNDATION MAP

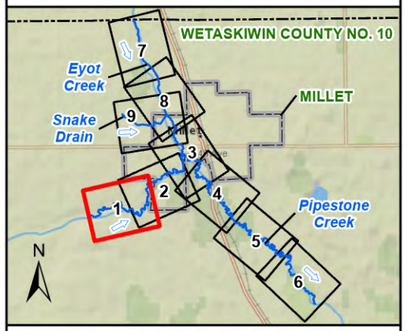
(SHEETS 1 TO 9)

DRAFT

Classification: Public

Alberta Canada

nhc



- FLOW DIRECTION
- MODEL CROSS SECTION
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- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 350-YEAR FLOOD INUNDATION EXTENT

SHEET 2 ↓

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 38.1 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

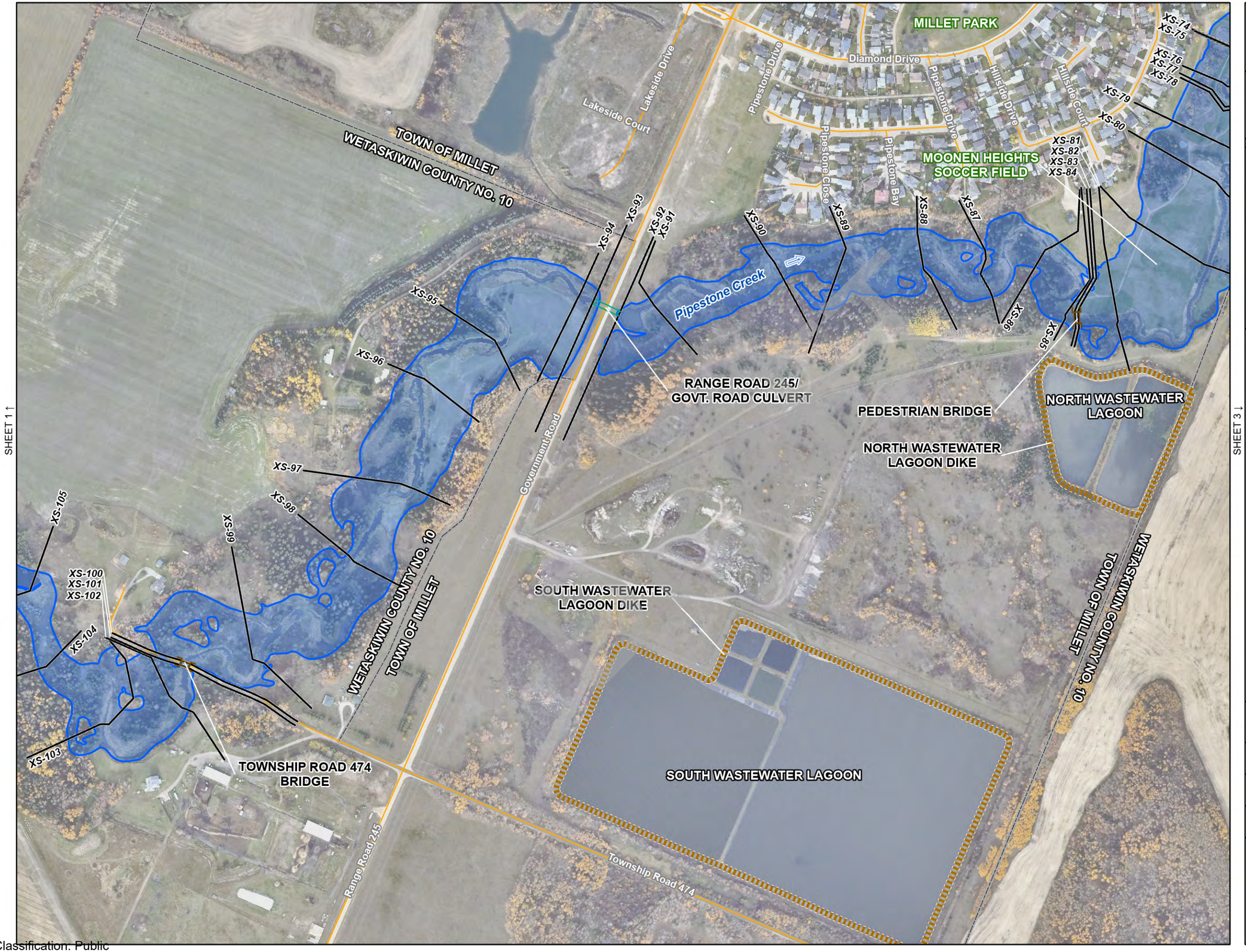
MILLET FLOOD STUDY

350-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 1 OF 9

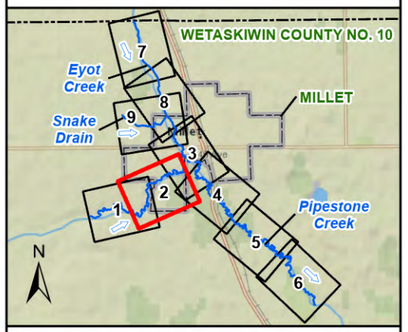
JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



Alberta Canada

nhc



- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 350-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 38.1 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

350-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 2 OF 9

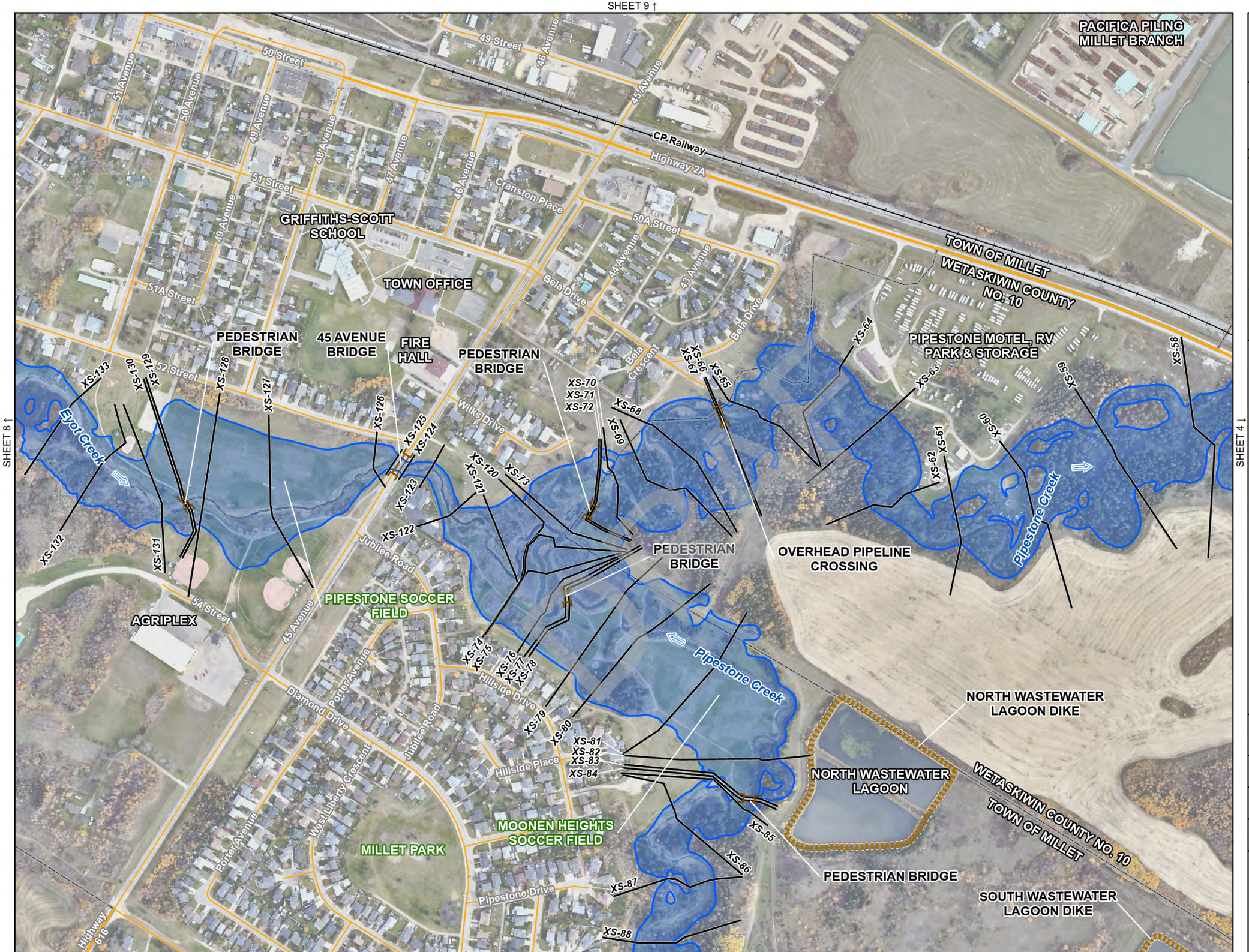
JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

SHEET 9 ↑

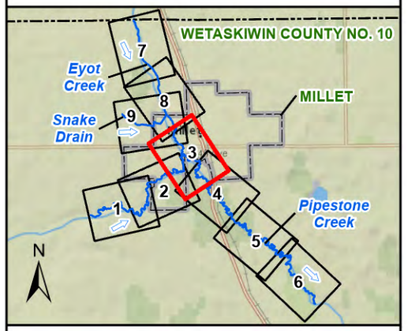
SHEET 8 ↑

SHEET 4 ↓



Alberta Canada

nhc



- FLOW DIRECTION
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- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 350-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

PIPESTONE CREEK ABOVE EYOT CREEK = 38.1 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 29.0 m^3/s
PIPESTONE CREEK BELOW EYOT CREEK = 54.9 m^3/s

SCALE - 1:5,000

0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114; Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

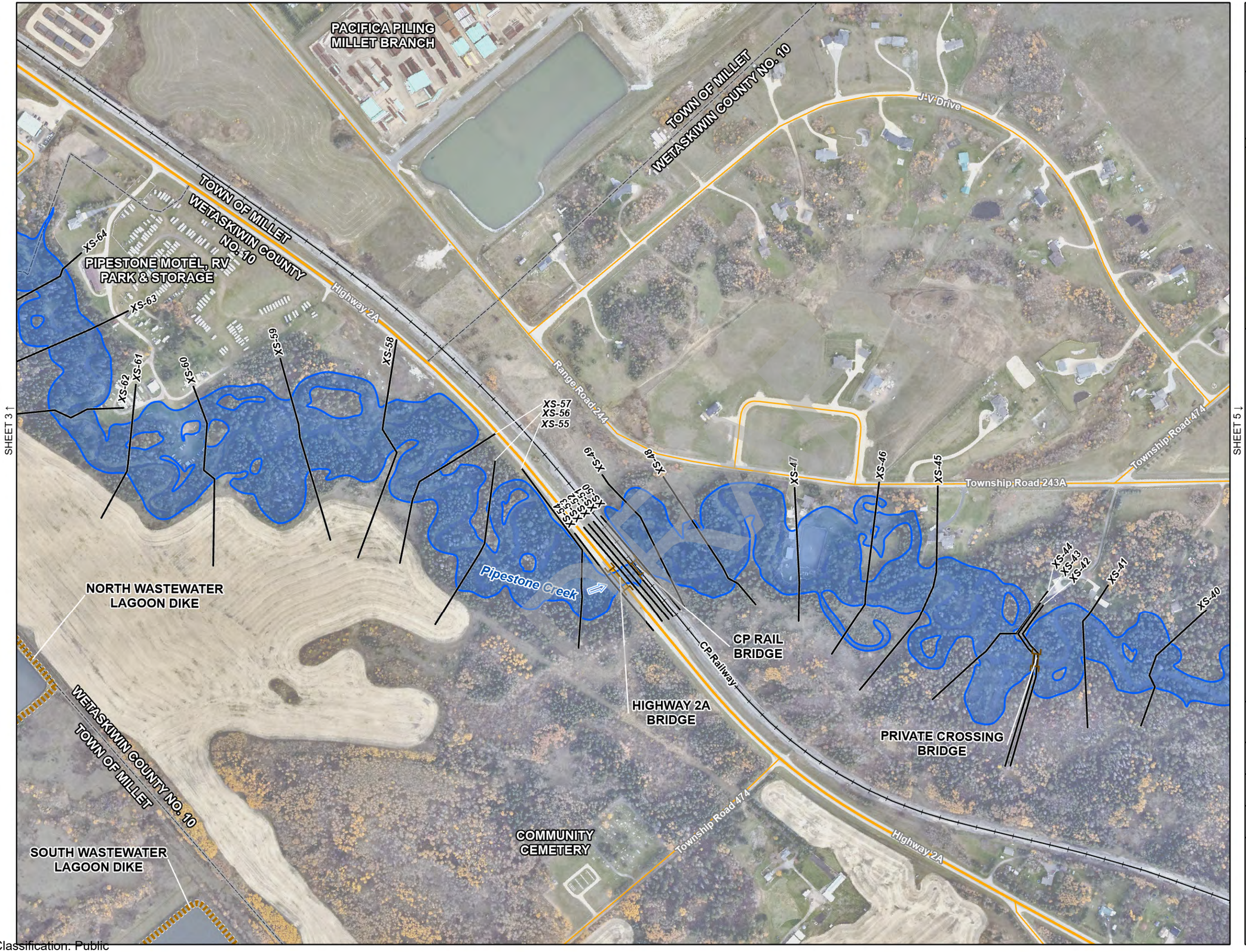
350-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 3 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

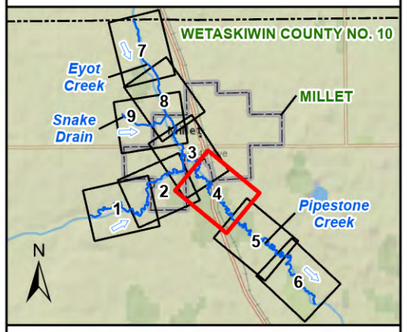
SHEET 2 ↓

Classification: Public



Alberta Canada

nhc



- FLOW DIRECTION
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- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 350-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 54.9 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

350-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 4 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

Alberta Canada

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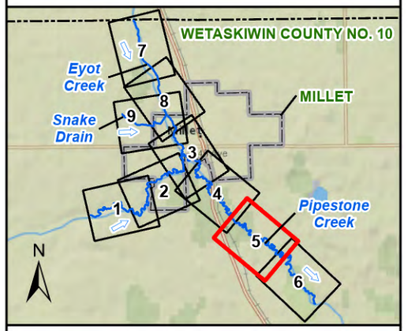

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 350-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 54.9 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

350-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 5 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

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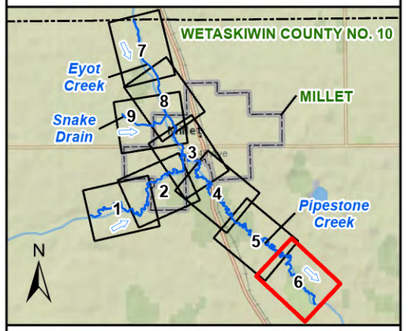

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
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- 350-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 54.9 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

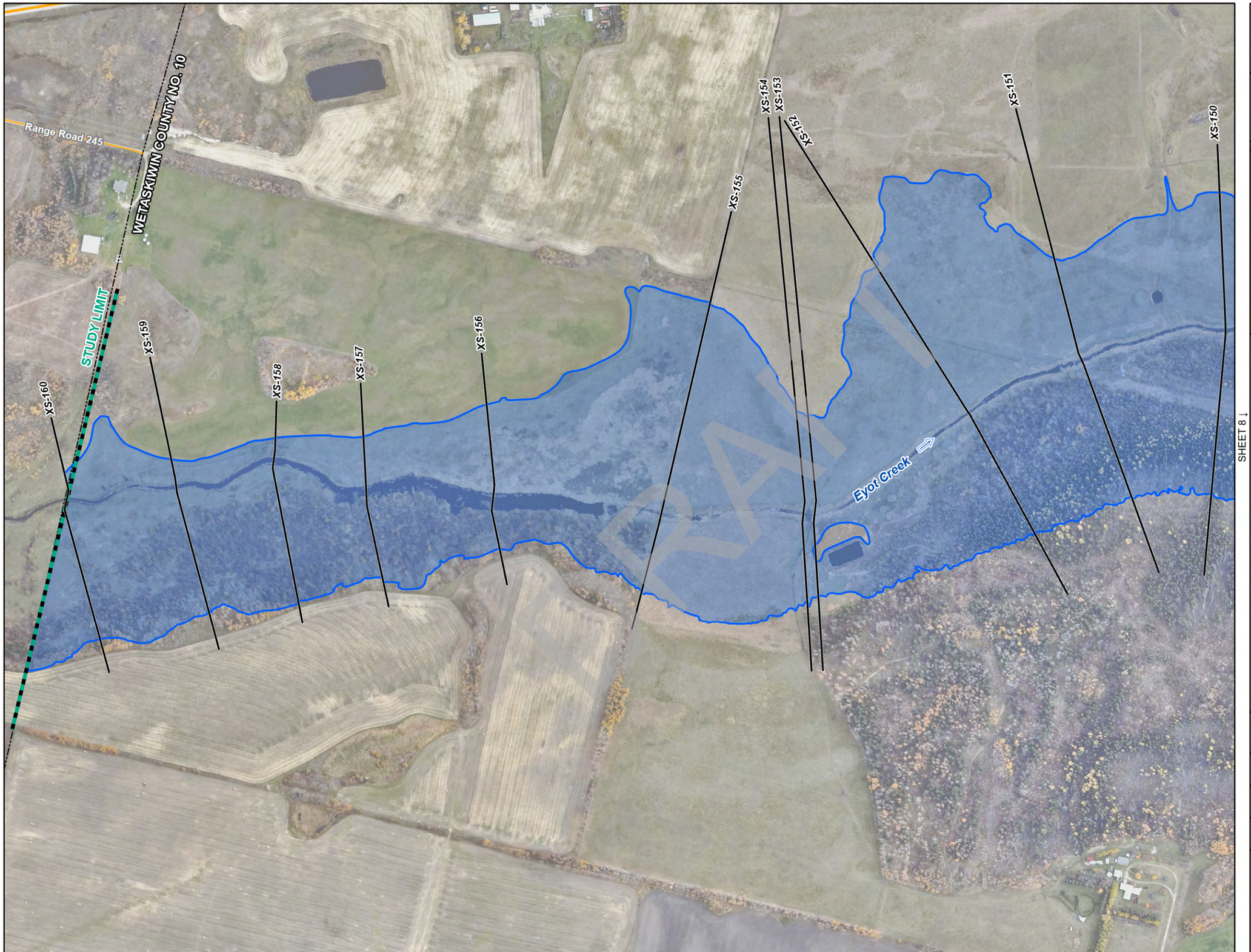
MILLET FLOOD STUDY

350-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 6 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



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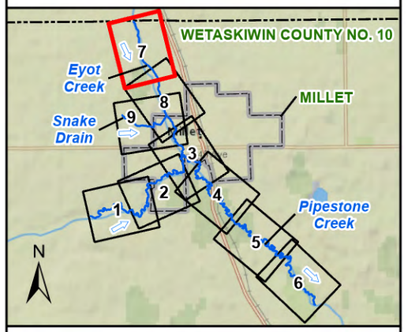


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 350-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 27.2 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

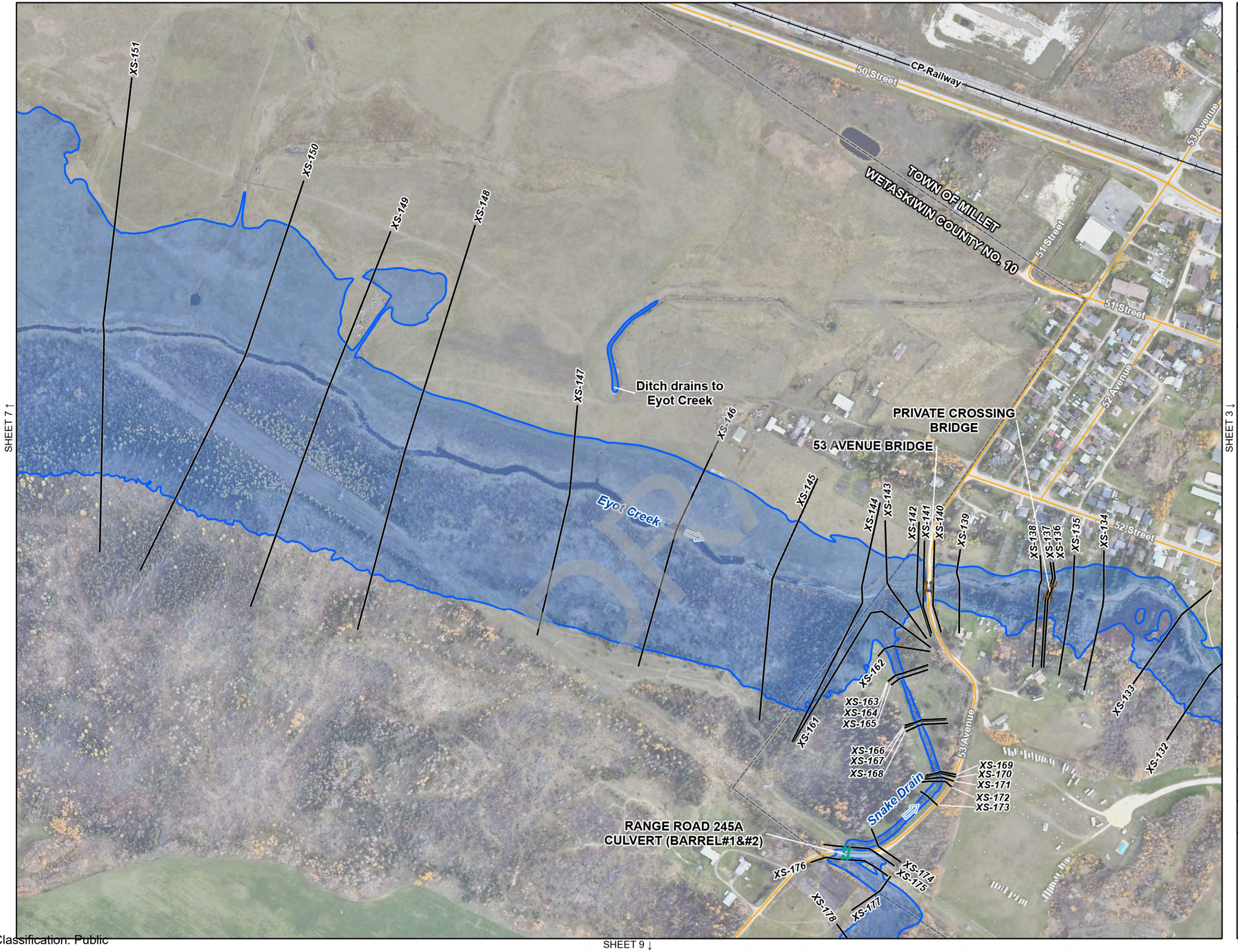
MILLET FLOOD STUDY

350-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 7 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



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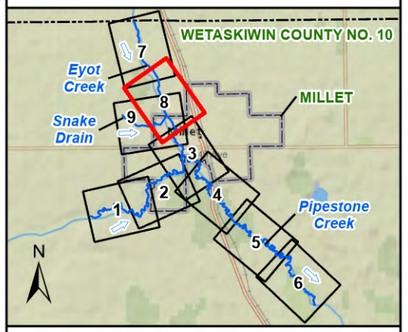


FLOW DIRECTION
MODEL CROSS SECTION
FLOOD CONTROL STRUCTURE
BRIDGE
CULVERT
RAILWAY
PROVINCIAL HIGHWAY
LOCAL ROAD
TOWN OF MILLET
COUNTY
STUDY LIMIT
350-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 27.2 m^3/s
SNAKE DRAIN = 3.9 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 29.0 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

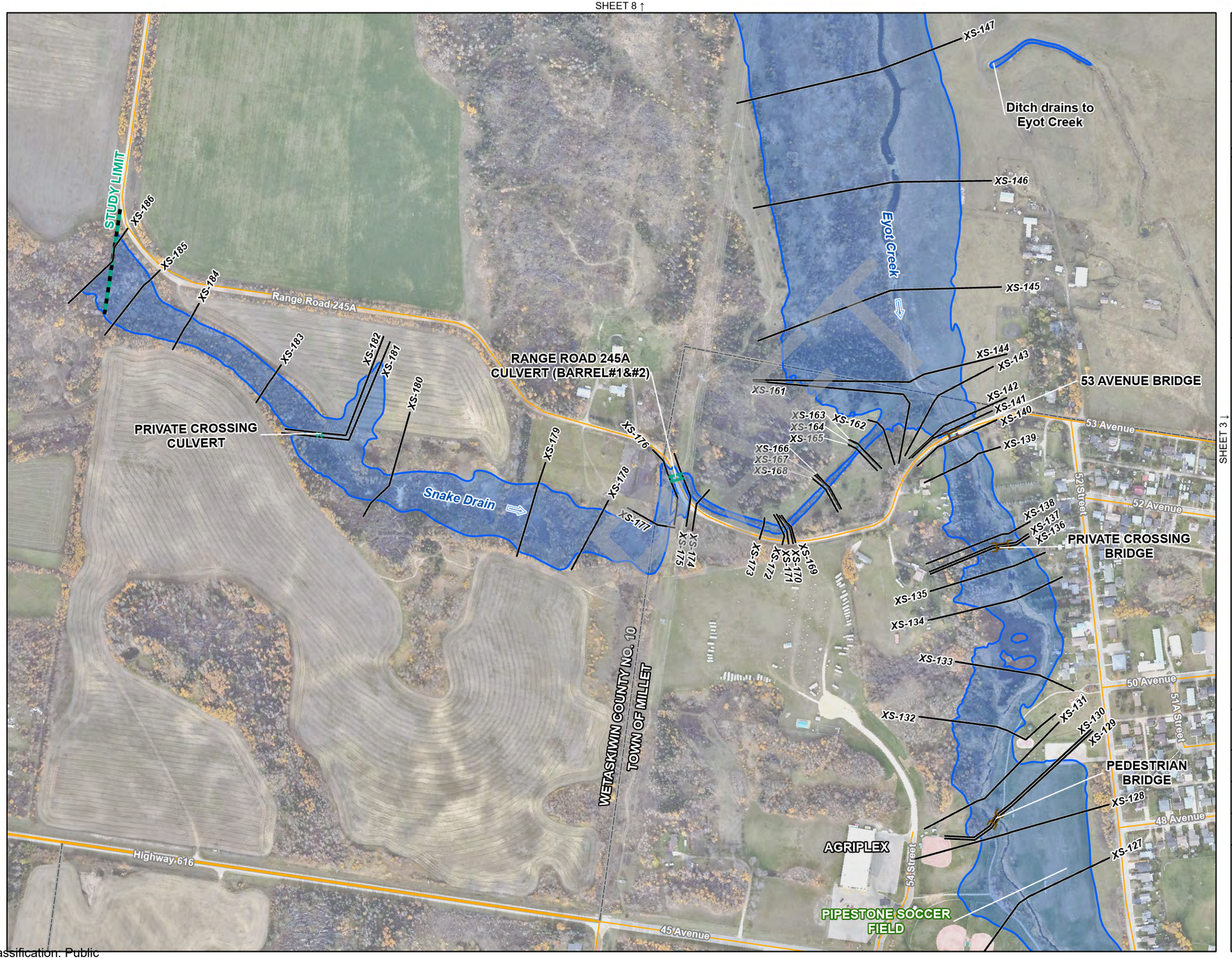
350-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 8 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

SHEET 8 ↑



SHEET 3 ↓

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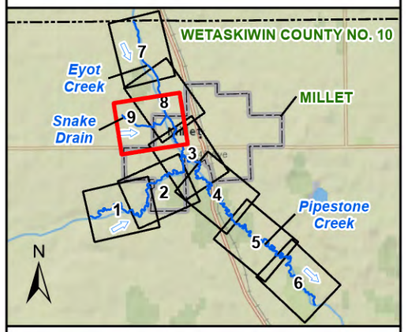

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
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- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 350-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
SNAKE DRAIN = 3.9 m^3/s
EYOT CREEK ABOVE SNAKE DRAIN = 27.2 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 29.0 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

350-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 9 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

500-YEAR OPEN WATER FLOOD INUNDATION MAP

(SHEETS 1 TO 9)

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Classification: Public

Alberta Canada

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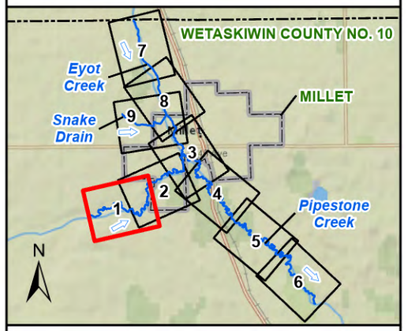

FLOW DIRECTION
MODEL CROSS SECTION
FLOOD CONTROL STRUCTURE
BRIDGE
CULVERT
RAILWAY
PROVINCIAL HIGHWAY
LOCAL ROAD
TOWN OF MILLET
COUNTY
STUDY LIMIT
500-YEAR FLOOD INUNDATION EXTENT

SHEET 2 ↓

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 40.8 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

500-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 1 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

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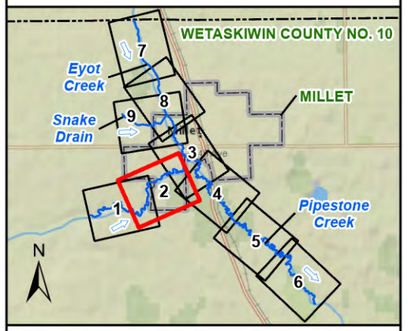


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 500-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 40.8 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

500-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 2 OF 9

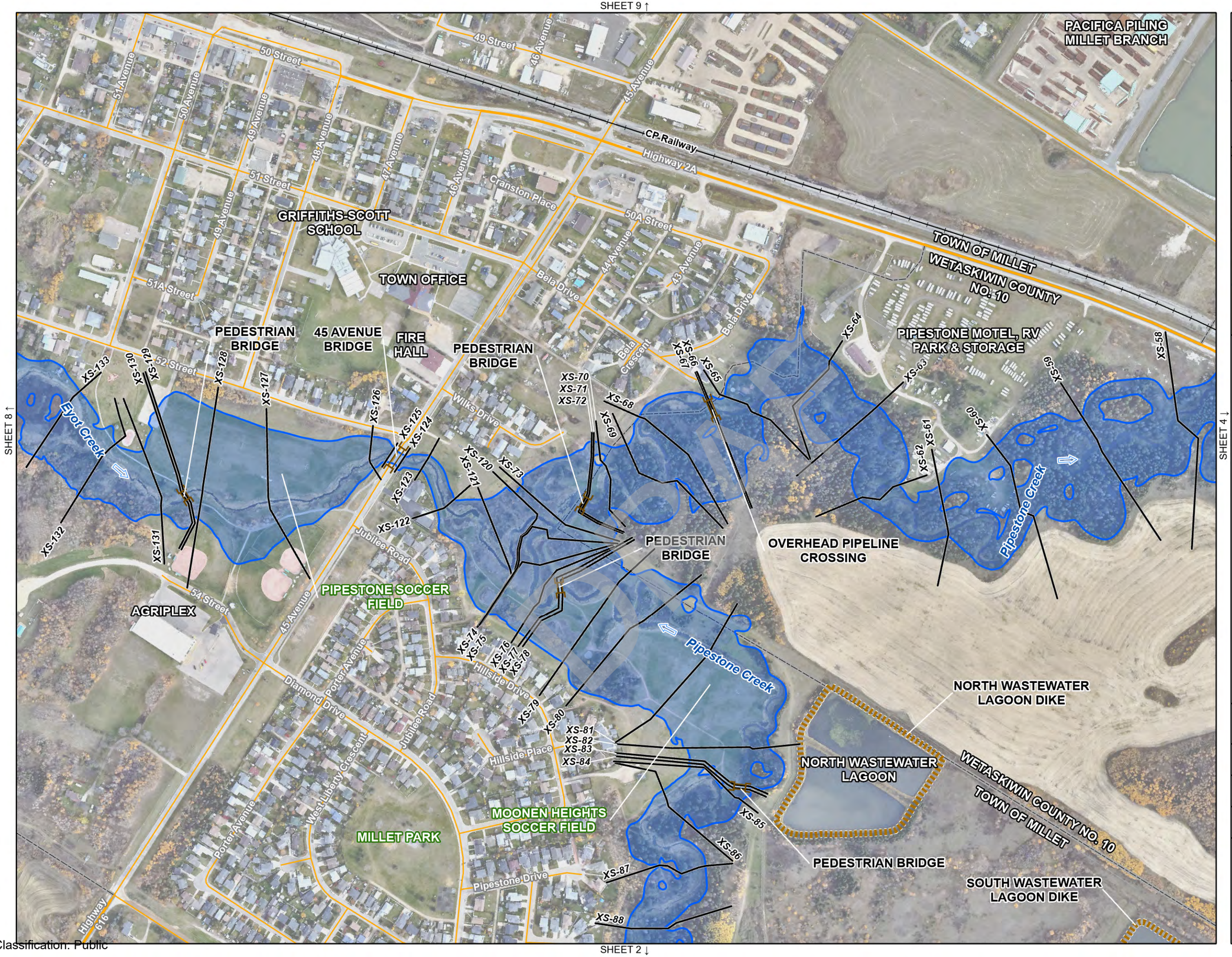
JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

SHEET 9 ↑

SHEET 8 ↑

SHEET 4 ↓



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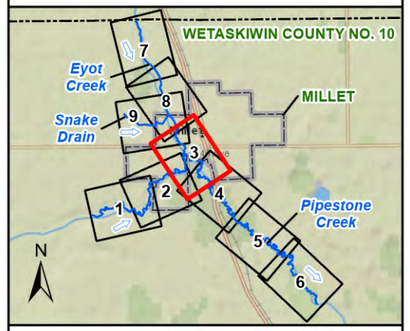

- FLOW DIRECTION
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- COUNTY
- STUDY LIMIT
- 500-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

PIPESTONE CREEK ABOVE EYOT CREEK = 40.8 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 31.1 m^3/s
PIPESTONE CREEK BELOW EYOT CREEK = 58.8 m^3/s

SCALE - 1:5,000

0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114; Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

500-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 3 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

SHEET 2 ↓

Classification: Public

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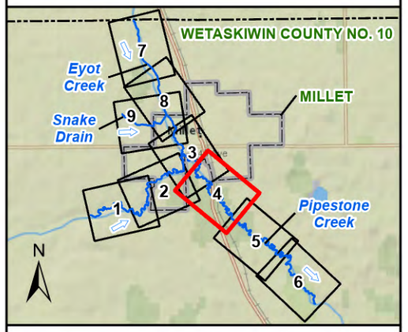


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 500-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 58.8 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

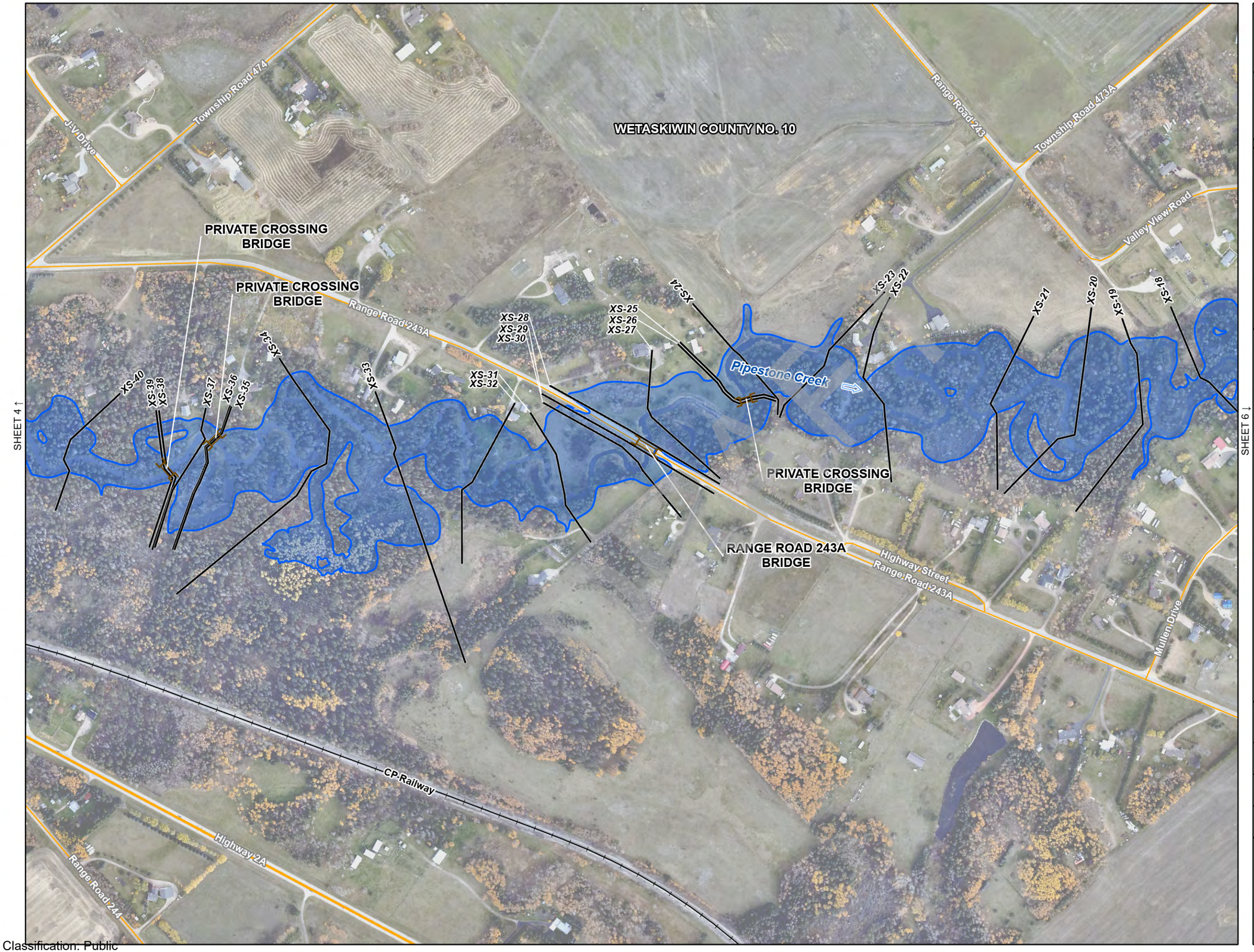
MILLET FLOOD STUDY

500-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 4 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



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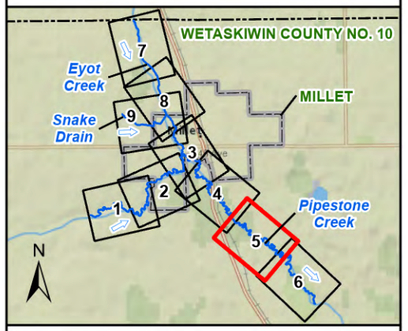

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
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- STUDY LIMIT
- 500-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 58.8 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
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Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

500-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 5 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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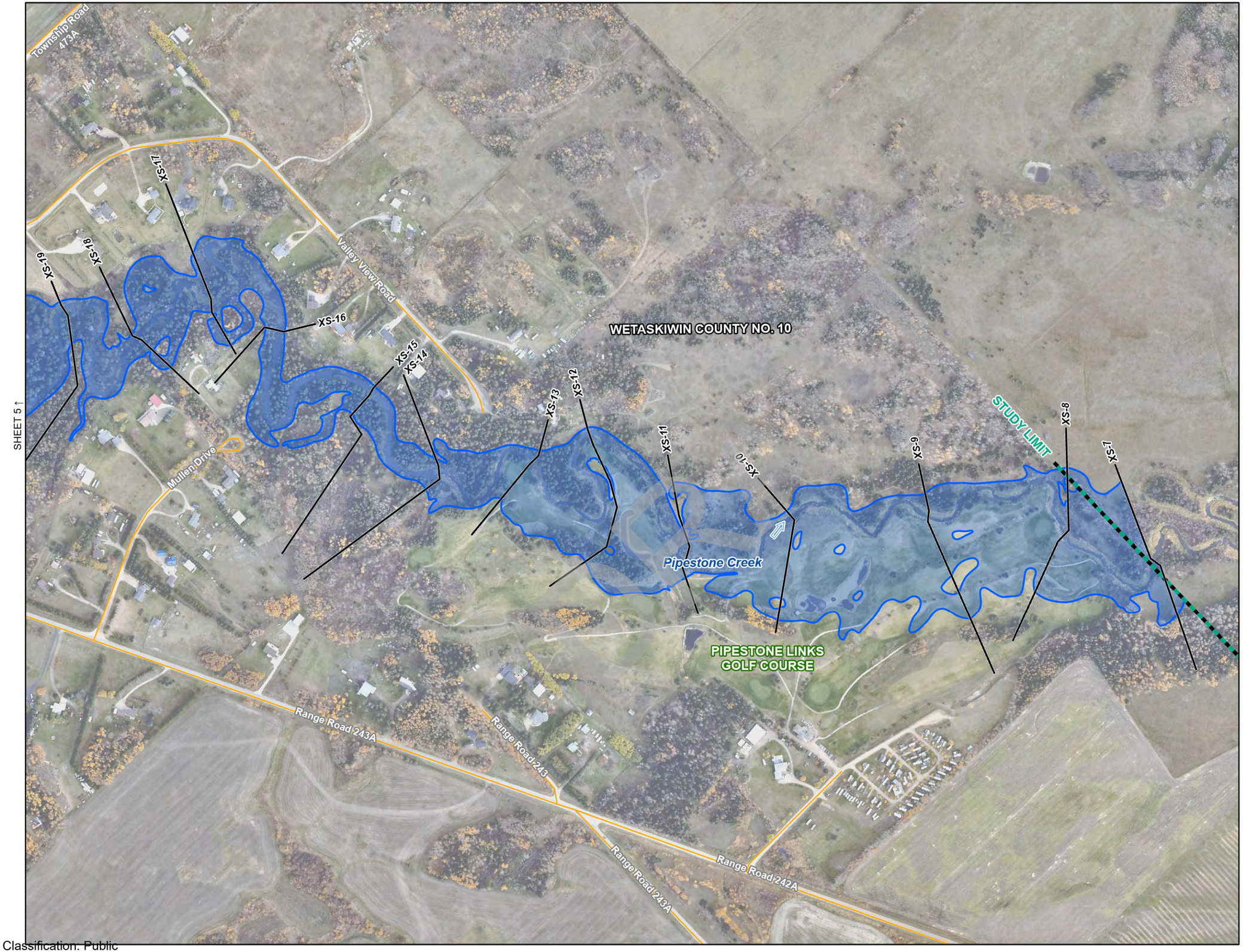

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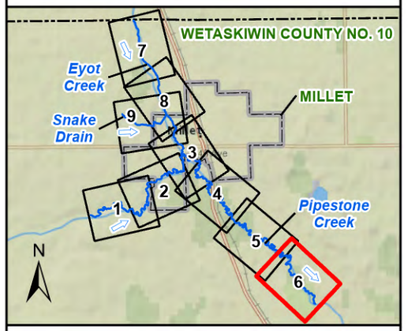
nhc



- FLOW DIRECTION
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- STUDY LIMIT
- 500-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 58.8 m^3/s

SCALE - 1:5,000
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Coordinate System: NAD 1983 CSRS 3TM 114;
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Engineer	GIS	Reviewer
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Job Number	Date
1008862	17-MAR-2025

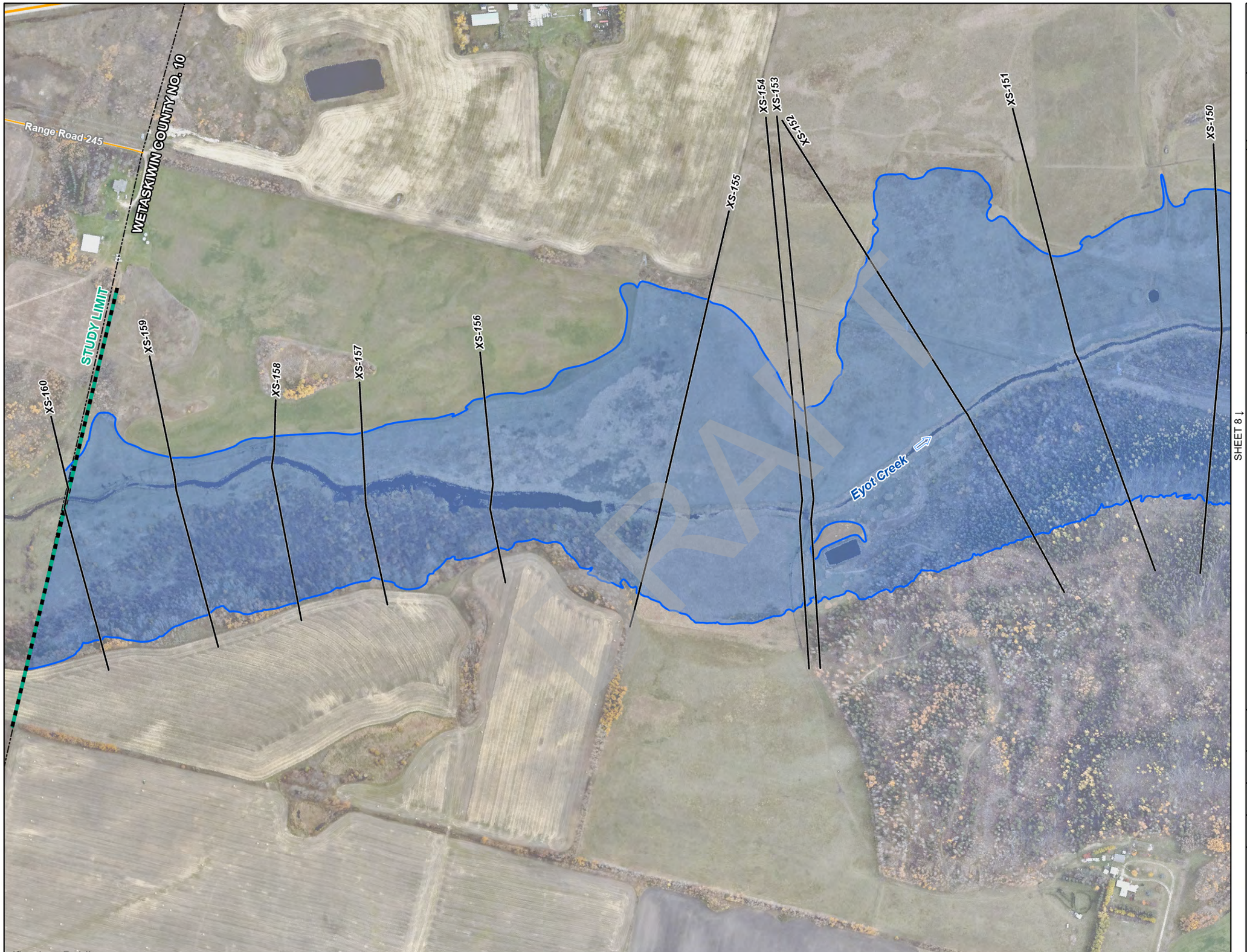
MILLET FLOOD STUDY

500-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 6 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



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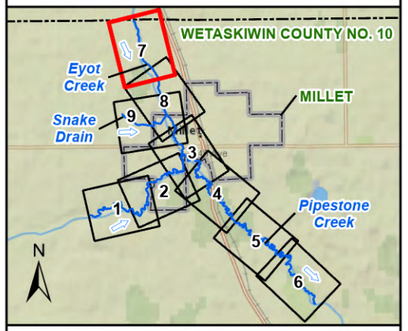
nhc



- FLOW DIRECTION
- MODEL CROSS SECTION
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- BRIDGE
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- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 500-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 29.2 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114; Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

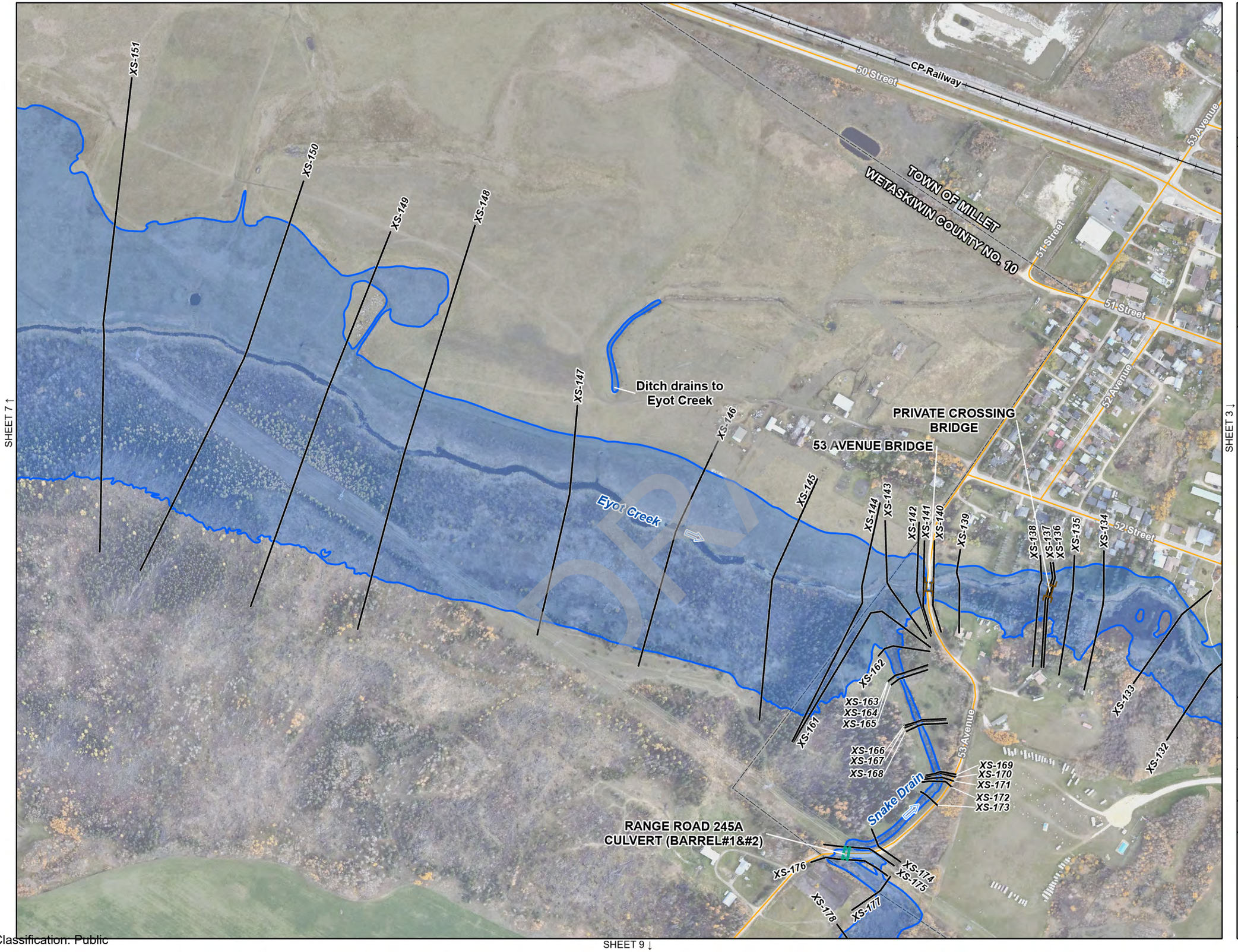
MILLET FLOOD STUDY

500-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 7 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



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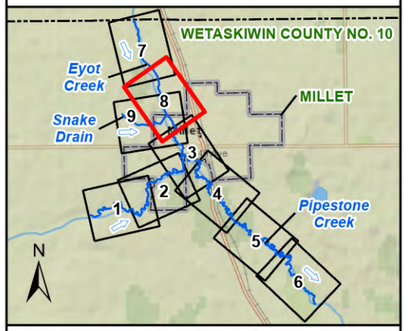
nhc



- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 500-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 29.2 m^3/s
SNAKE DRAIN = 4.2 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 31.1 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
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Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

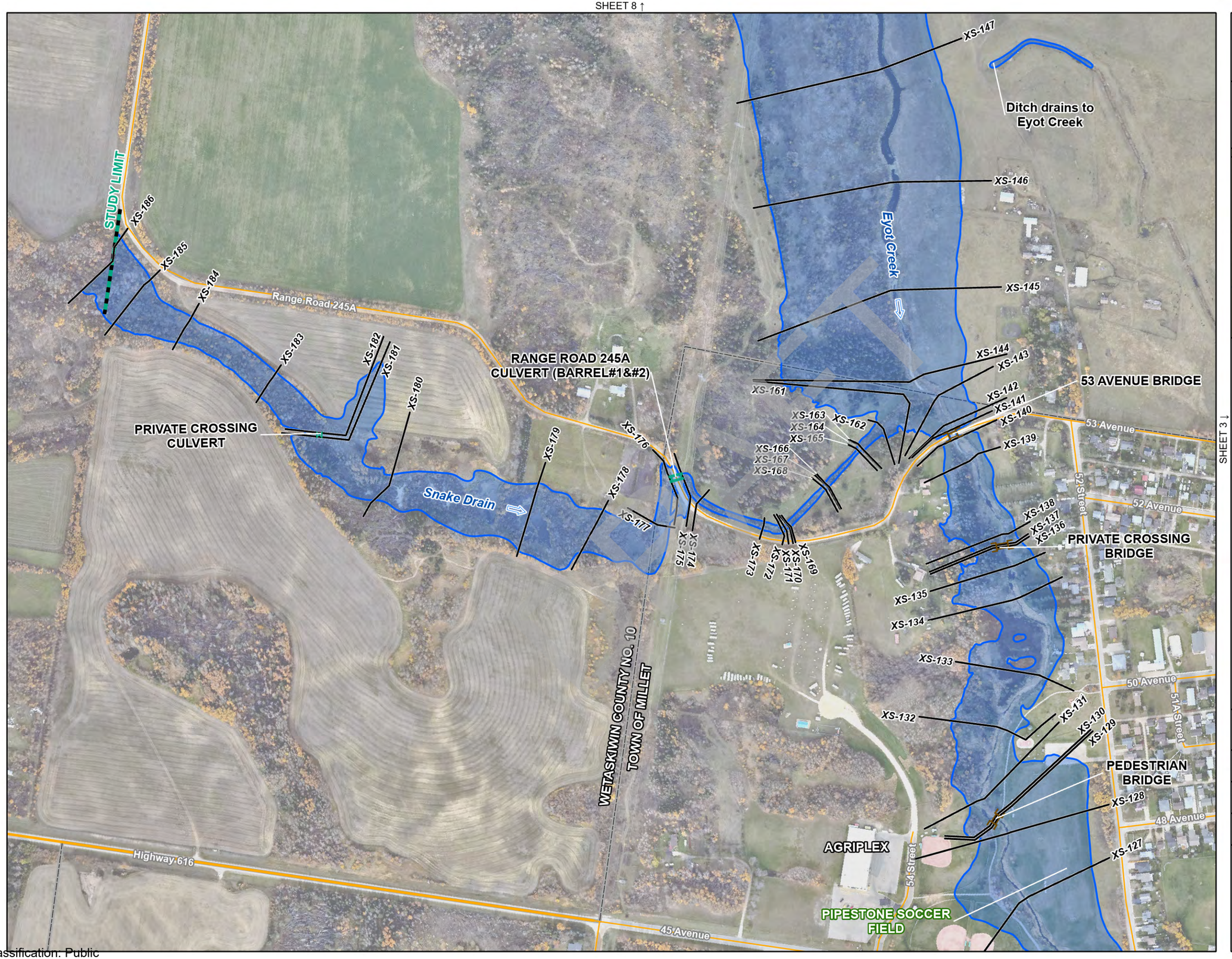
500-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 8 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

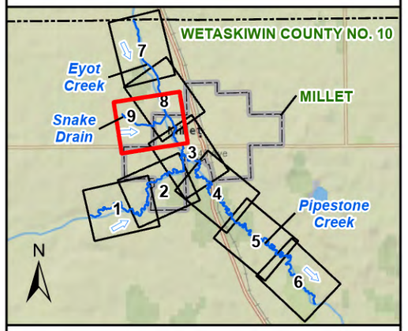
SHEET 8 ↑



SHEET 3 ↓

Alberta Canada

nhc



- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
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- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 500-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
SNAKE DRAIN = 4.2 m^3/s
EYOT CREEK ABOVE SNAKE DRAIN = 29.2 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 31.1 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

500-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 9 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

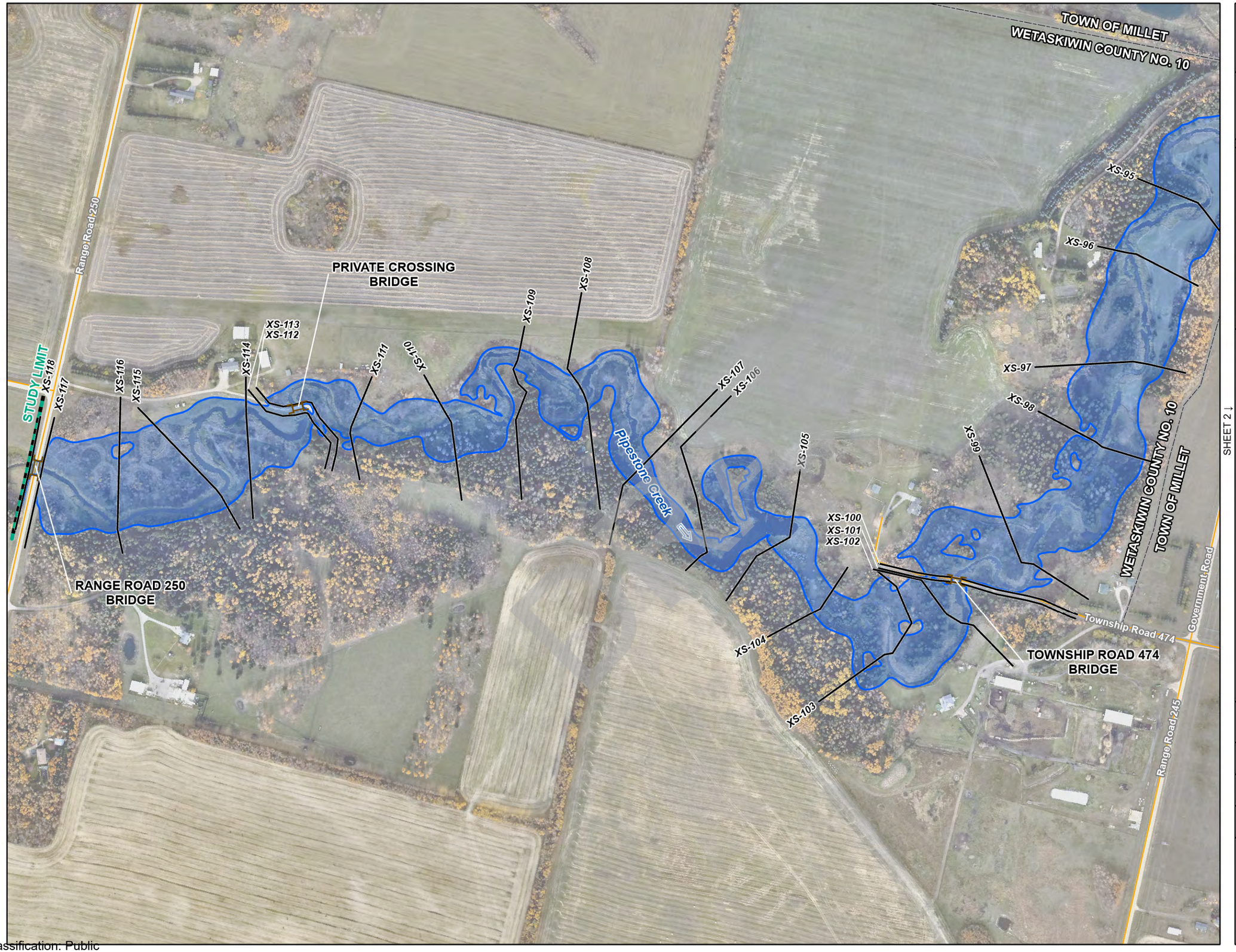
Classification: Public

750-YEAR OPEN WATER FLOOD INUNDATION MAP

(SHEETS 1 TO 9)

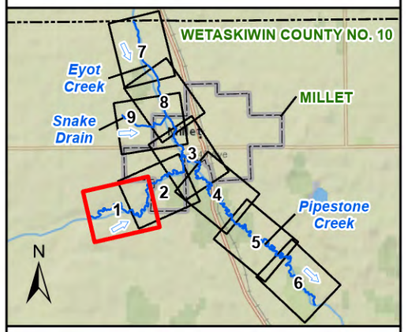
DRAFT

Classification: Public



Alberta Canada

nhc



FLOW DIRECTION
MODEL CROSS SECTION
FLOOD CONTROL STRUCTURE
BRIDGE
CULVERT
RAILWAY
PROVINCIAL HIGHWAY
LOCAL ROAD
TOWN OF MILLET
COUNTY
STUDY LIMIT
750-YEAR FLOOD INUNDATION EXTENT

SHEET 2 ↓

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 44.1 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

750-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 1 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

Alberta Canada

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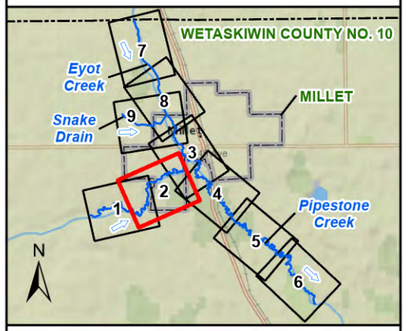


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 750-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

PIPESTONE CREEK ABOVE EYOT CREEK = 44.1 m^3/s

SCALE - 1:5,000

0 50 100 M

N

Coordinate System: NAD 1983 CSRS 3TM 114; Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

750-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 2 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

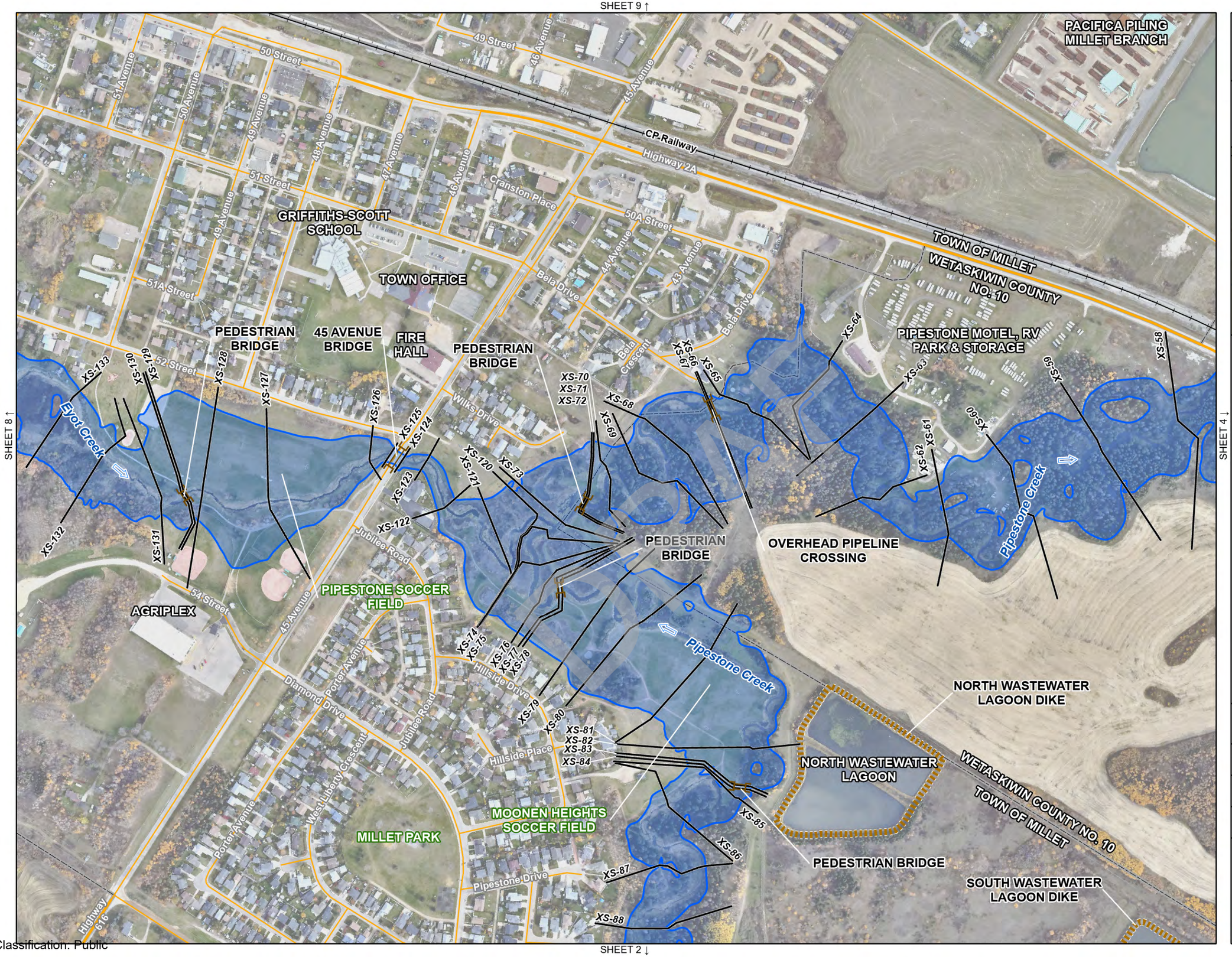
Classification: Public

SHEET 9 ↑

SHEET 8 ↑

SHEET 4 ↓

SHEET 2 ↓



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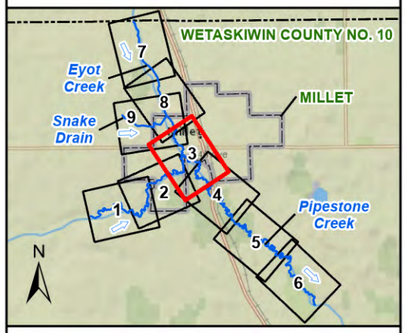

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 750-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

PIPESTONE CREEK ABOVE EYOT CREEK = 44.1 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 33.6 m^3/s
PIPESTONE CREEK BELOW EYOT CREEK = 63.6 m^3/s

SCALE - 1:5,000

0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

750-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 3 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

Alberta Canada

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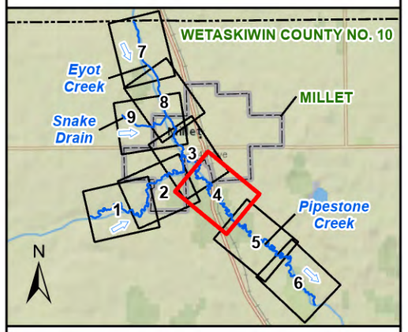

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 750-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 63.6 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

750-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 4 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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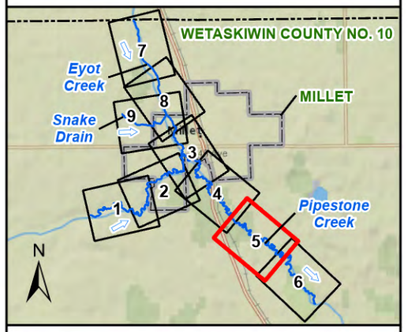

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 750-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 63.6 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

750-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 5 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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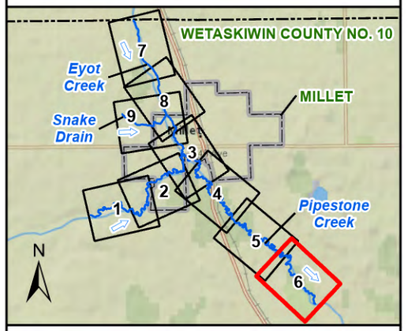


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 750-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 63.6 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

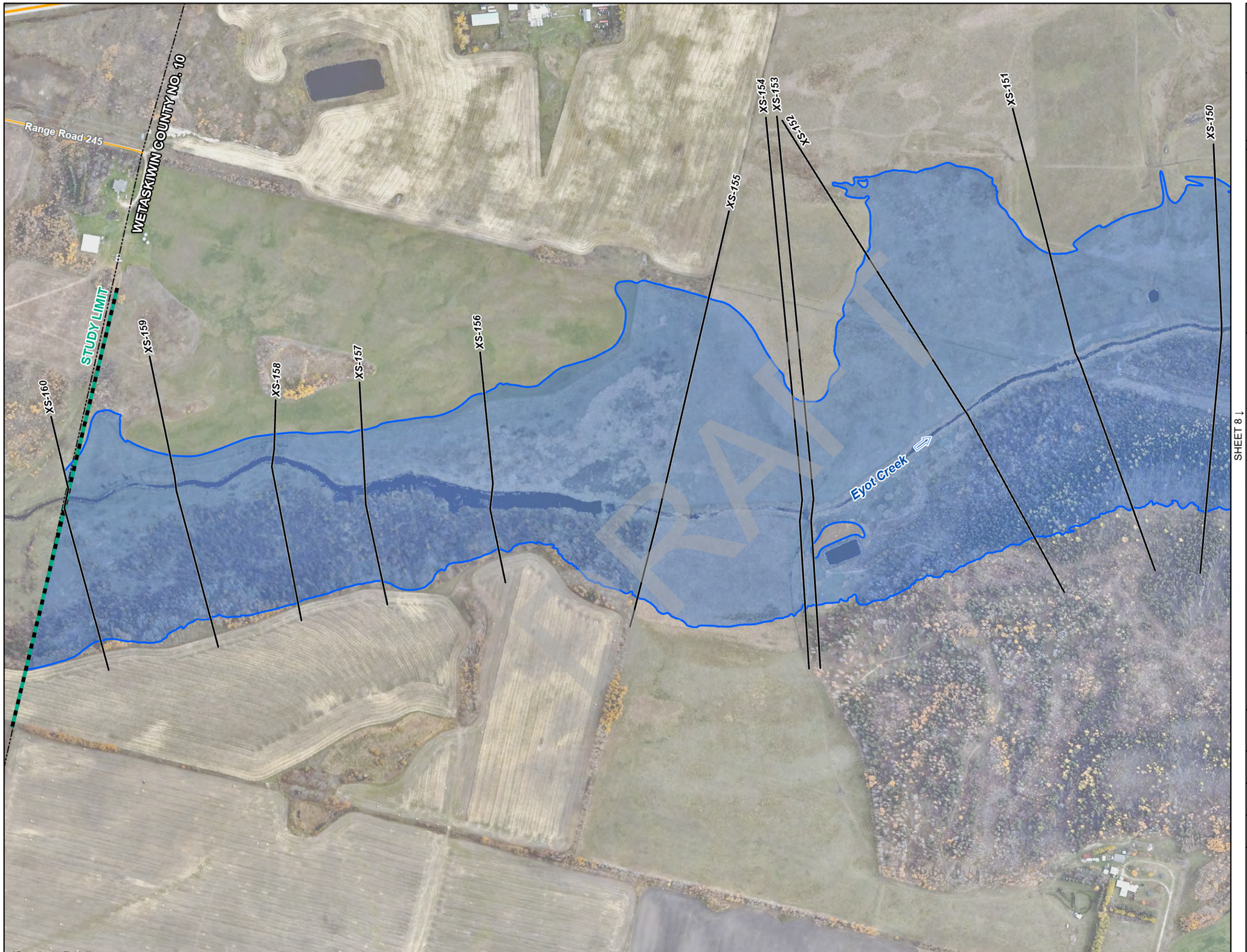
MILLET FLOOD STUDY

750-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 6 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



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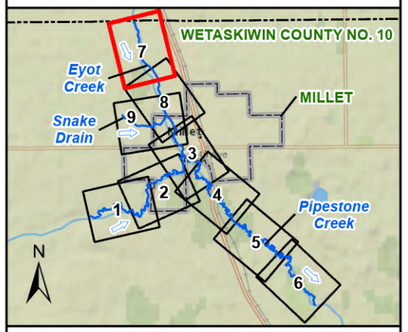
nhc



- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 750-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 31.6 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

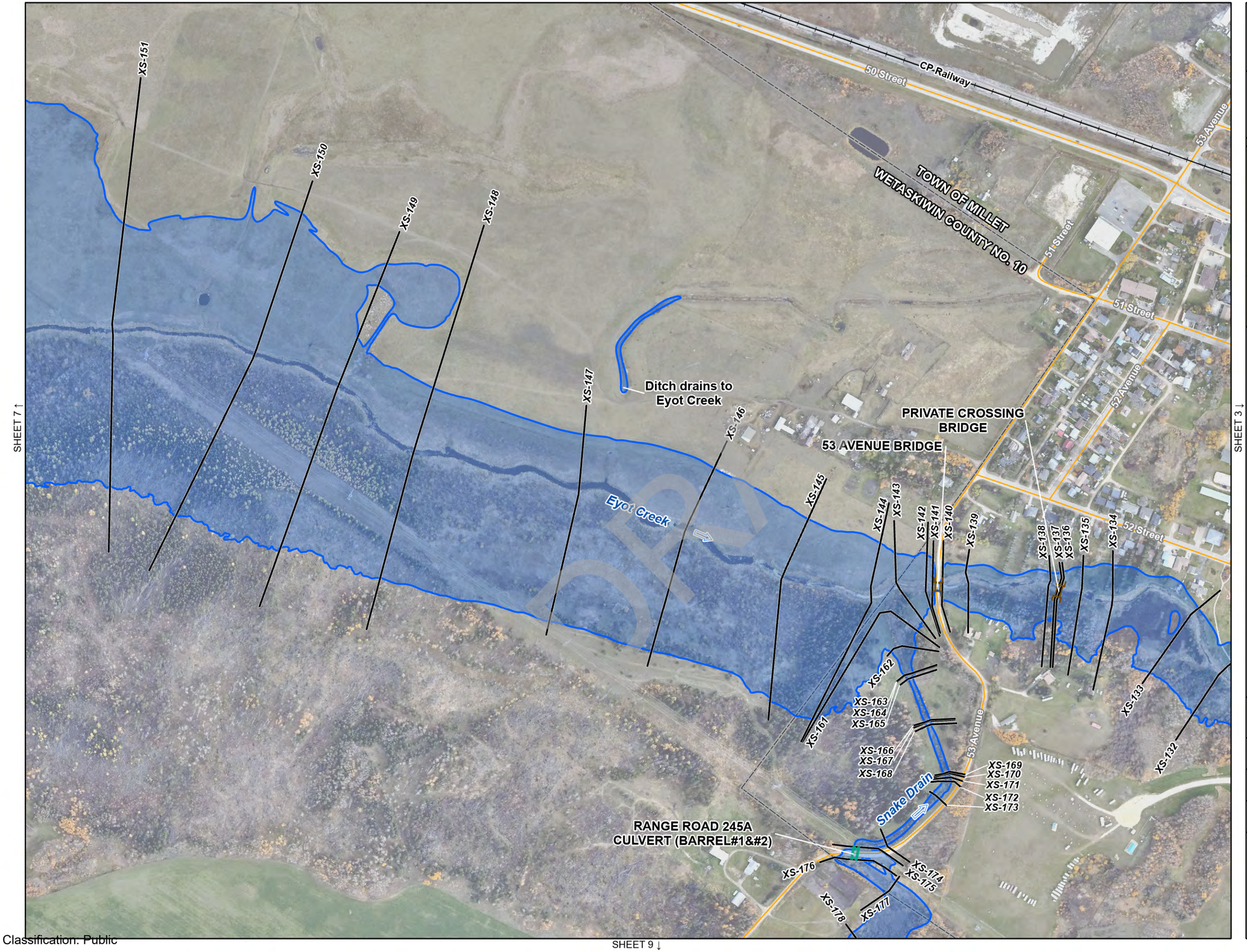
MILLET FLOOD STUDY

750-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 7 OF 9

J:_P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



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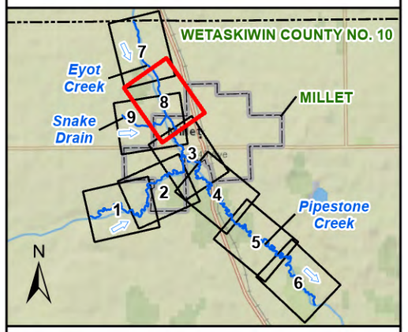


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 750-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 31.6 m^3/s
SNAKE DRAIN = 4.5 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 33.6 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

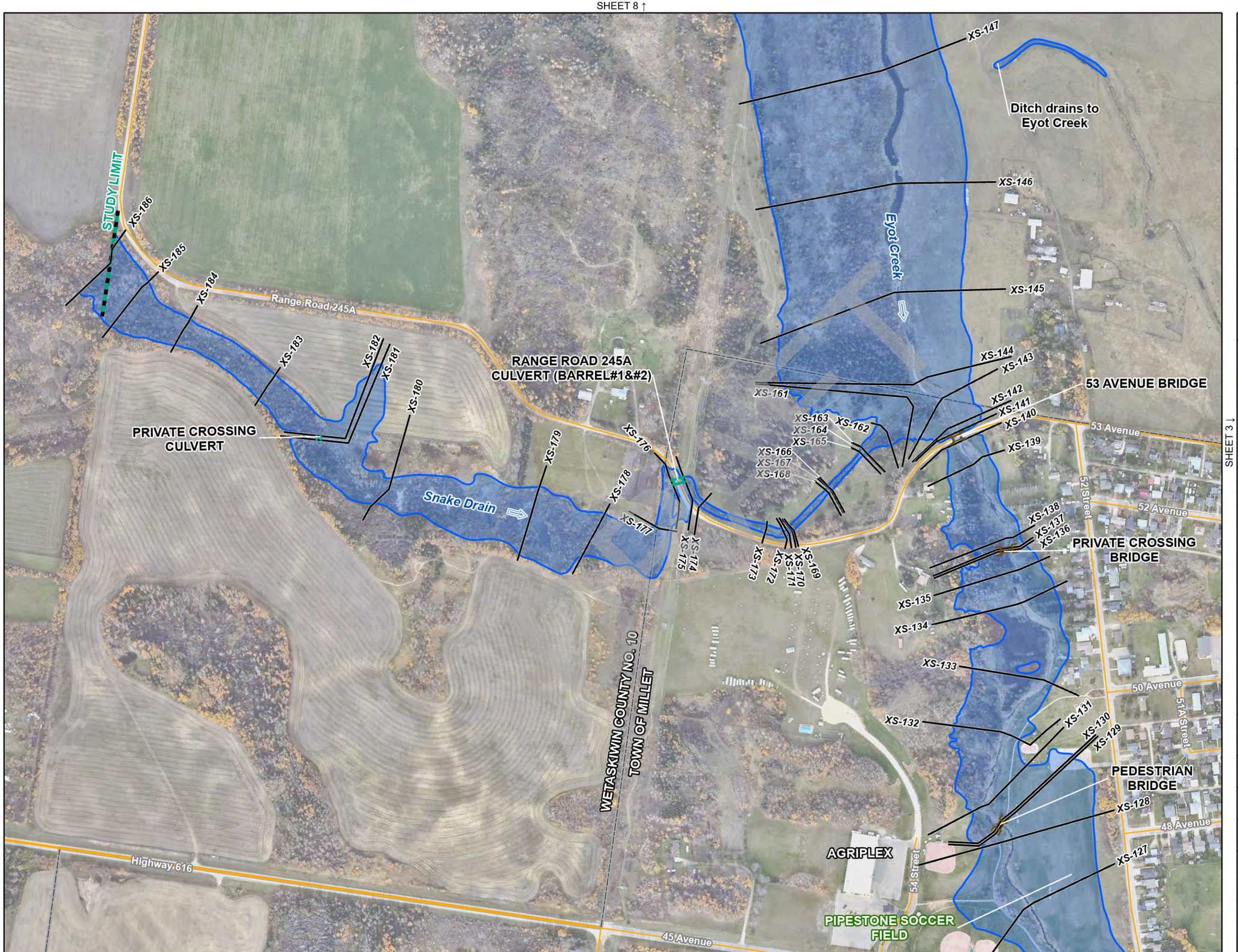
750-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 8 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

SHEET 8 ↑



SHEET 3 ↓

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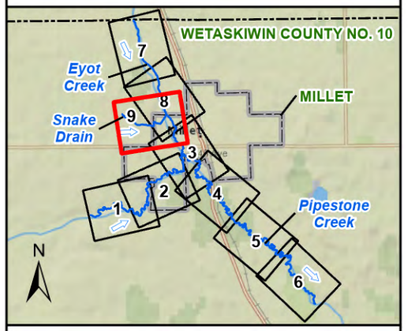

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 750-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
SNAKE DRAIN = 4.5 m^3/s
EYOT CREEK ABOVE SNAKE DRAIN = 31.6 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 33.6 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

750-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 9 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

1000-YEAR OPEN WATER FLOOD INUNDATION MAP

(SHEETS 1 TO 9)

DRAFT

Classification: Public

Alberta Canada

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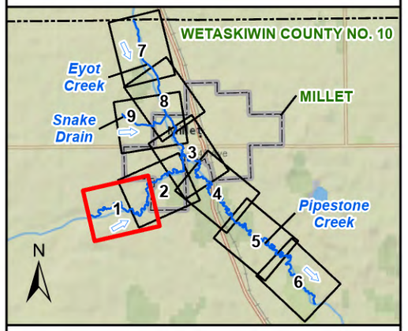

FLOW DIRECTION
MODEL CROSS SECTION
FLOOD CONTROL STRUCTURE
BRIDGE
CULVERT
RAILWAY
PROVINCIAL HIGHWAY
LOCAL ROAD
TOWN OF MILLET
COUNTY
STUDY LIMIT
1000-YEAR FLOOD INUNDATION EXTENT

SHEET 2 ↓

DISCHARGE
PIPESTONE CREEK ABOVE EYOT CREEK = 46.4 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

1000-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 1 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

SHEET 1 ↑

SHEET 3 ↓

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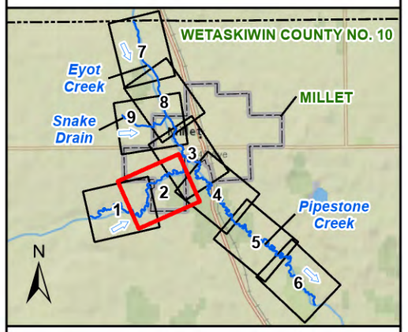


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 1000-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

PIPESTONE CREEK ABOVE EYOT CREEK = 46.4 m^3/s

SCALE - 1:5,000

0 50 100 M

N

Coordinate System: NAD 1983 CSRS 3TM 114; Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

1000-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 2 OF 9

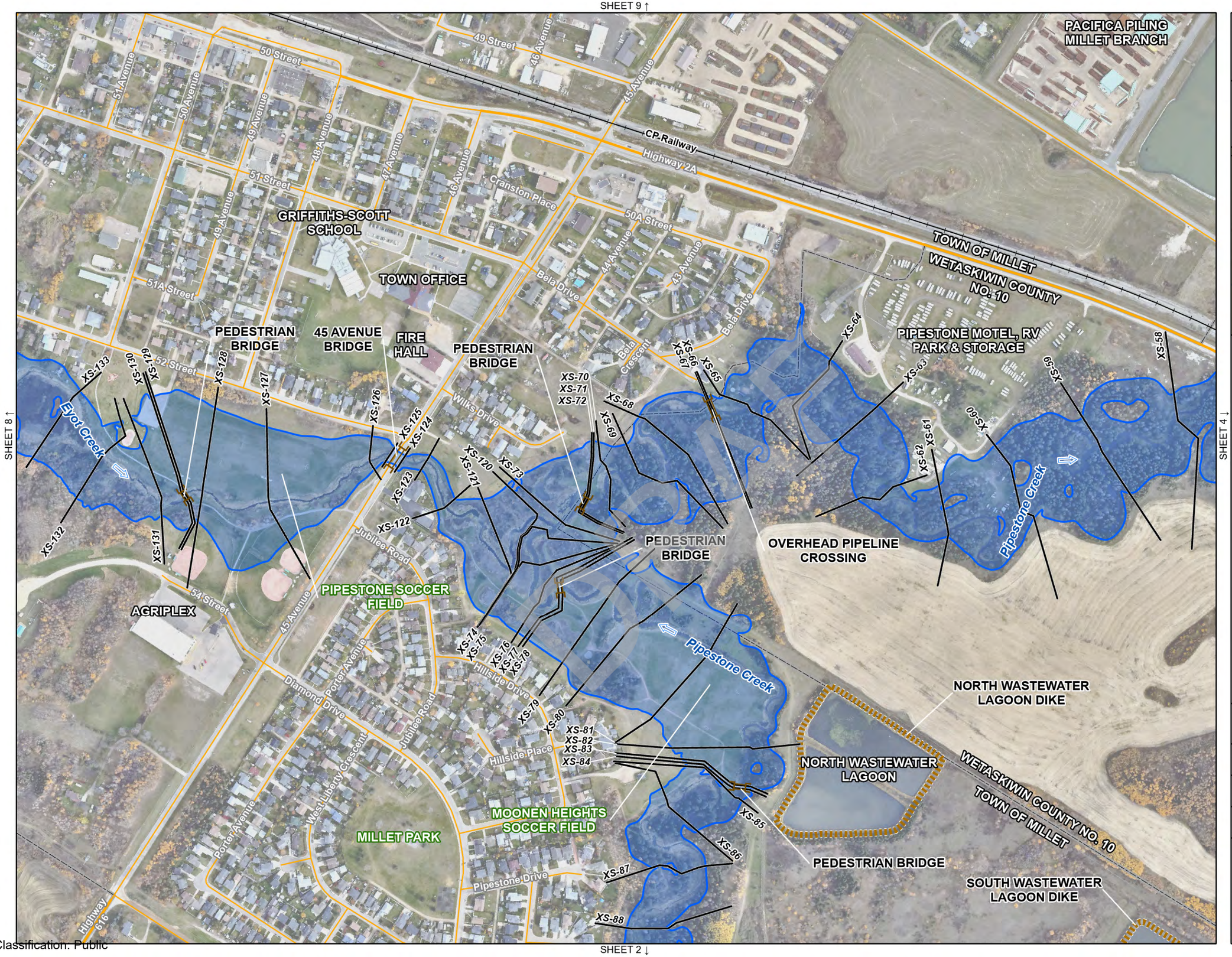
JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public

SHEET 9 ↑

SHEET 8 ↑

SHEET 4 ↓



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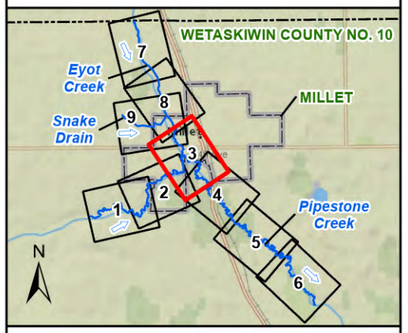

- FLOW DIRECTION
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- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 1000-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

PIPESTONE CREEK ABOVE EYOT CREEK = 46.4 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 35.3 m^3/s
PIPESTONE CREEK BELOW EYOT CREEK = 66.8 m^3/s

SCALE - 1:5,000

0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114; Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

1000-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 3 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

SHEET 2 ↓

Classification: Public

Alberta Canada

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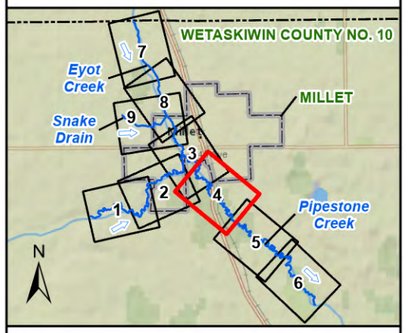

- FLOW DIRECTION
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- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 1000-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 66.8 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

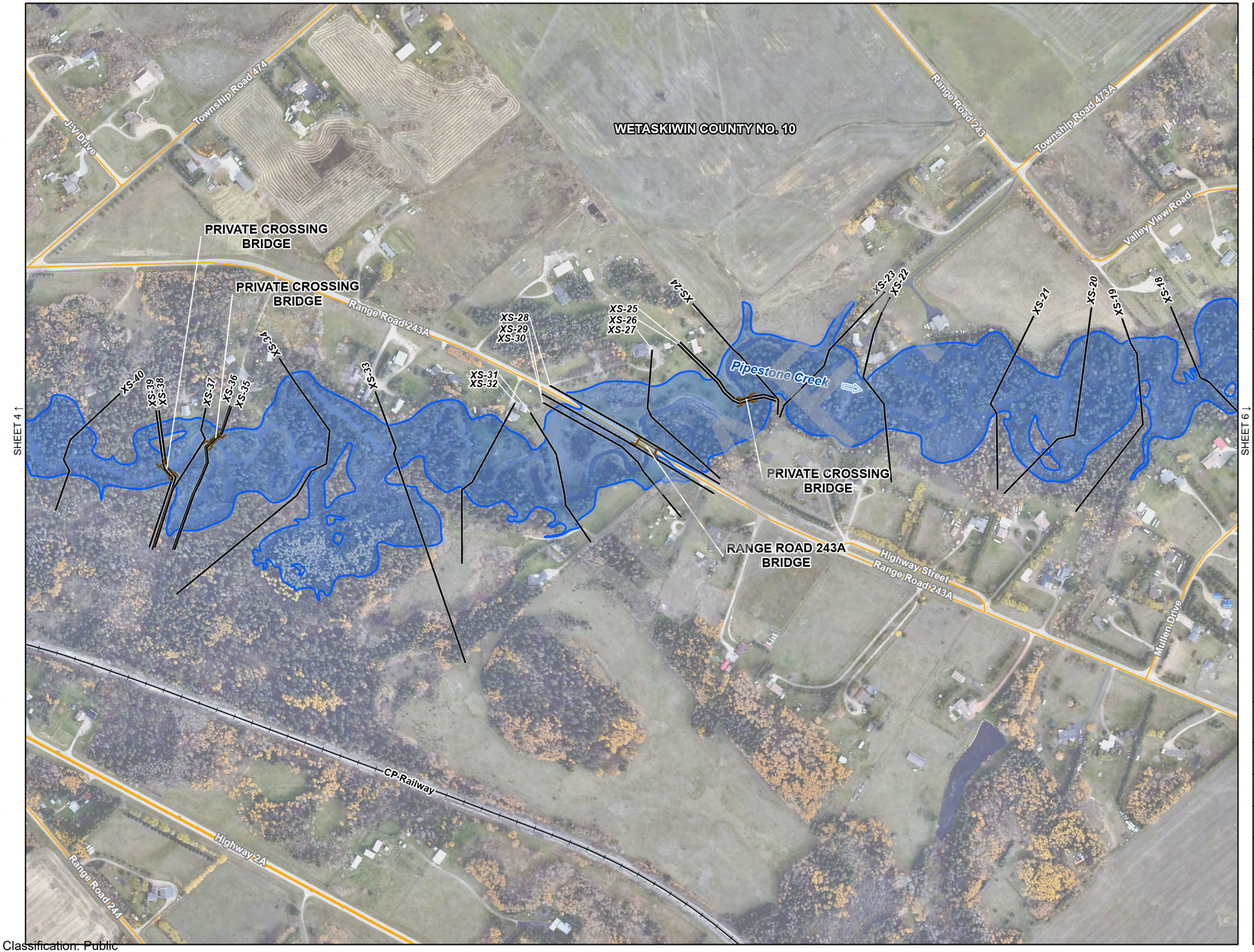
MILLET FLOOD STUDY

1000-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 4 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



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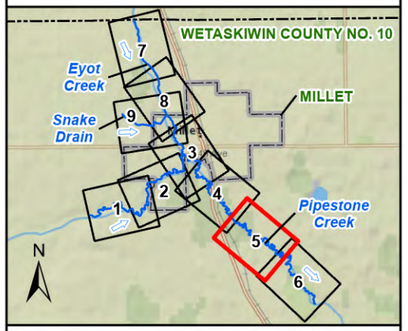

- FLOW DIRECTION
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- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 1000-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 66.8 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

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1008862	17-MAR-2025

MILLET FLOOD STUDY

1000-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 5 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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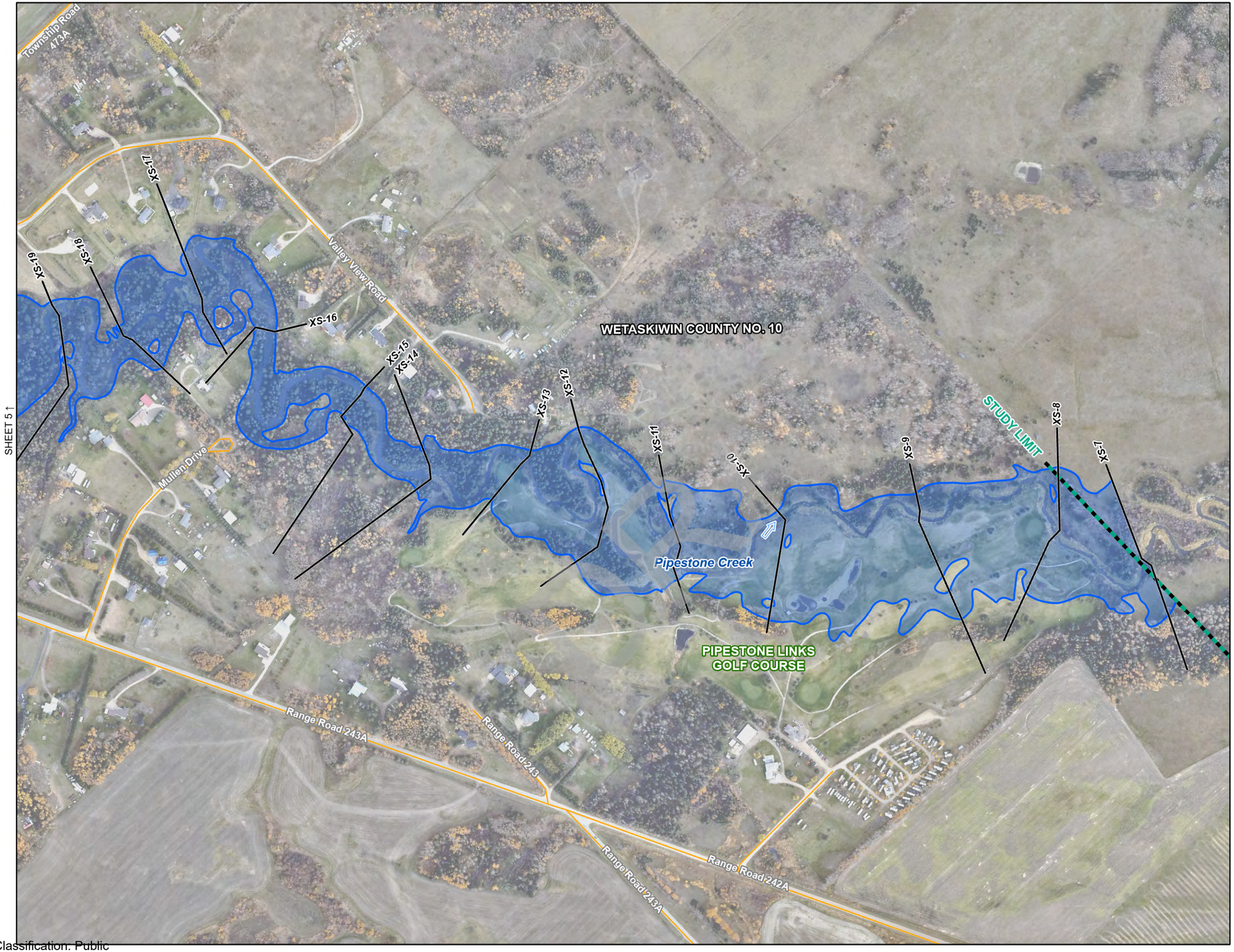
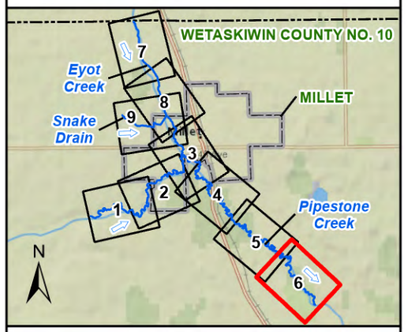


Alberta Canada

nhc



- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 1000-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
PIPESTONE CREEK BELOW EYOT CREEK = 66.8 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
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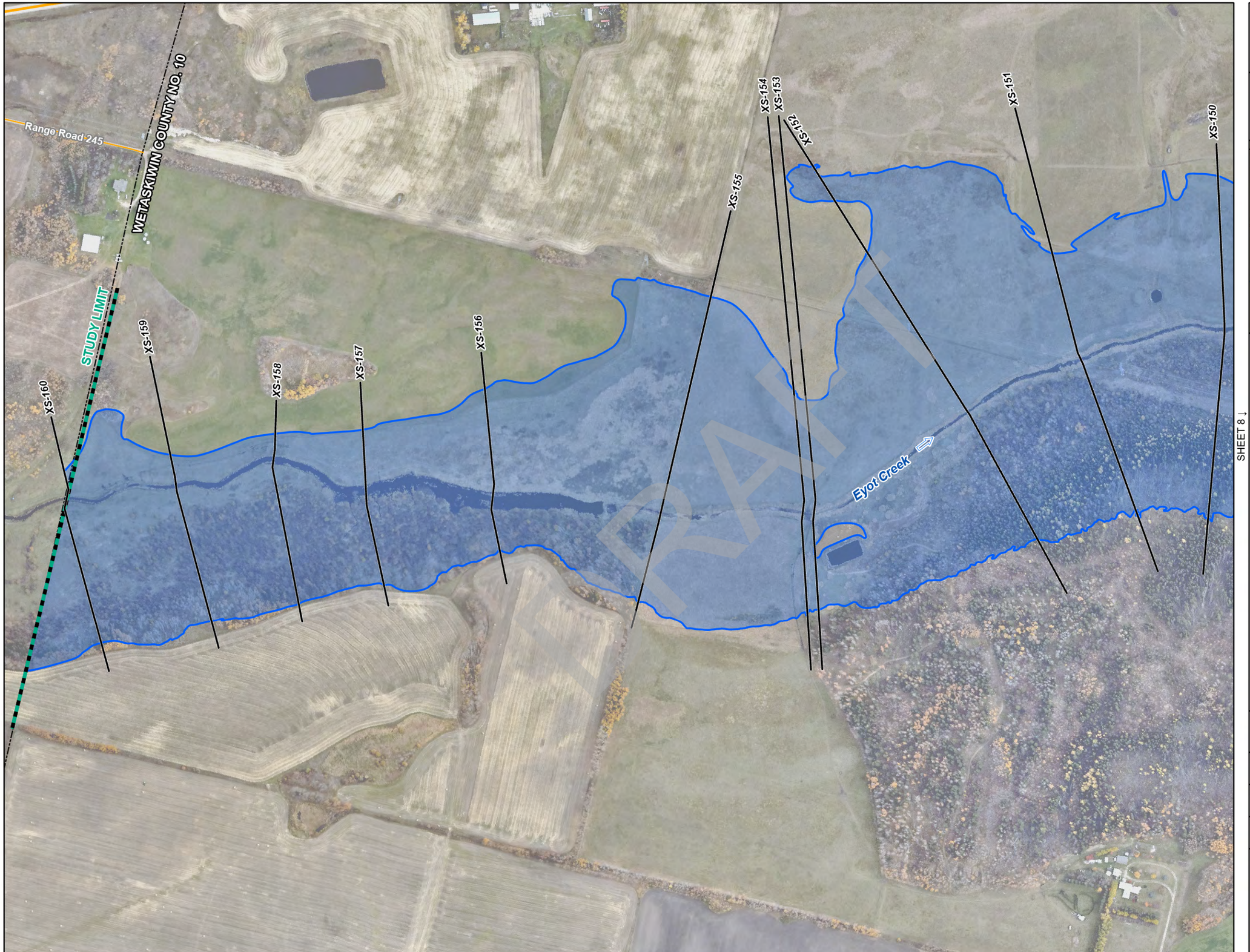
MILLET FLOOD STUDY

1000-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 6 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



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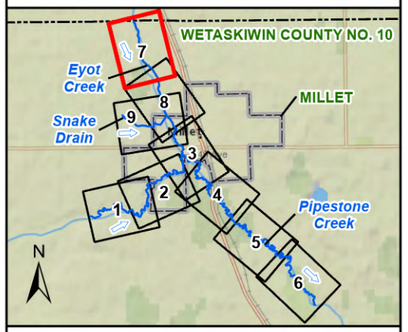


- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 1000-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 33.2 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

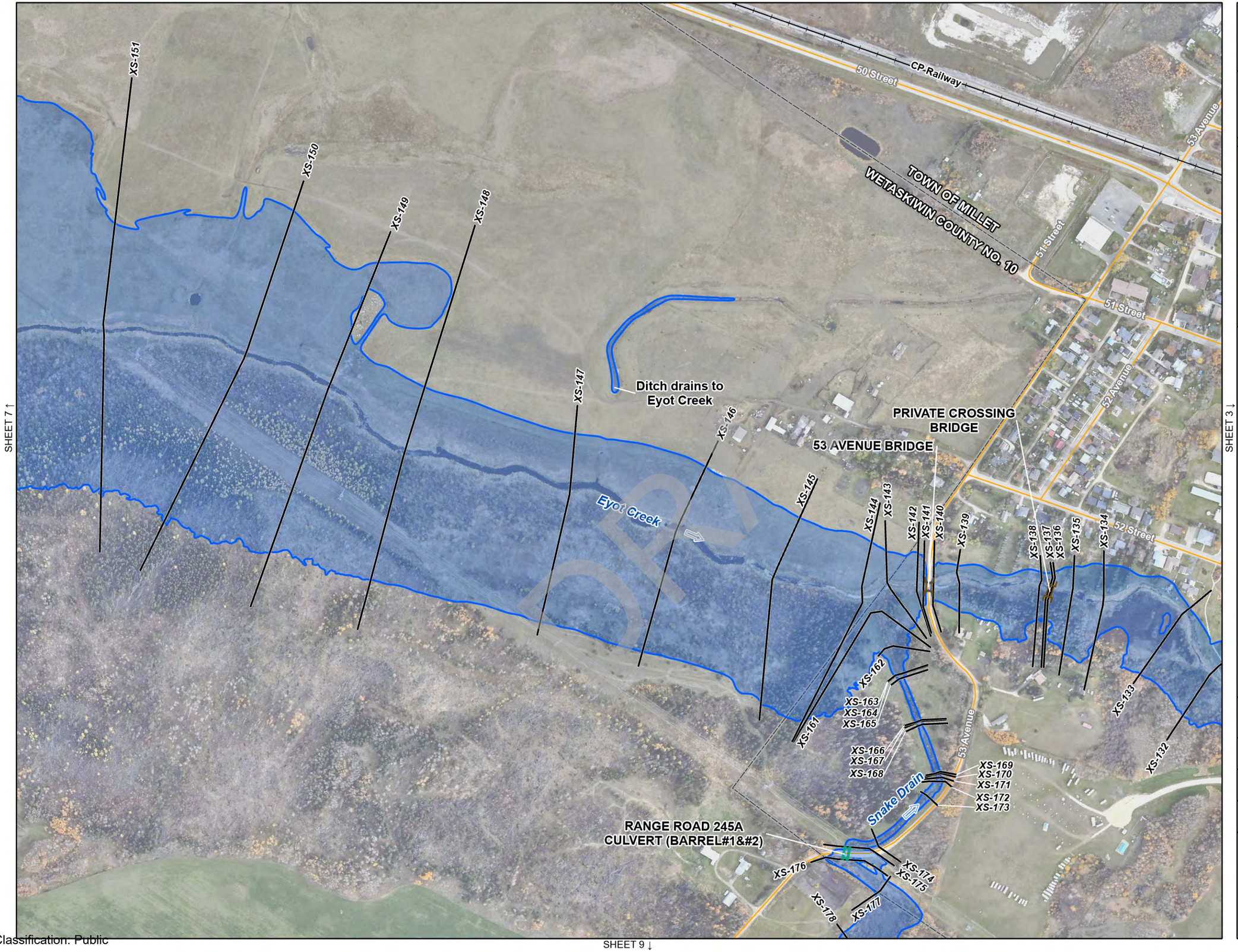
MILLET FLOOD STUDY

1000-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 7 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

Classification: Public



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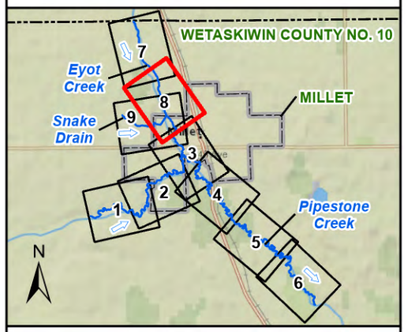

FLOW DIRECTION
MODEL CROSS SECTION
FLOOD CONTROL STRUCTURE
BRIDGE
CULVERT
RAILWAY
PROVINCIAL HIGHWAY
LOCAL ROAD
TOWN OF MILLET
COUNTY
STUDY LIMIT
1000-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
EYOT CREEK ABOVE SNAKE DRAIN = 33.2 m^3/s
SNAKE DRAIN = 4.7 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 35.3 m^3/s

SCALE - 1:5,000
0 50 100 M

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

1000-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 8 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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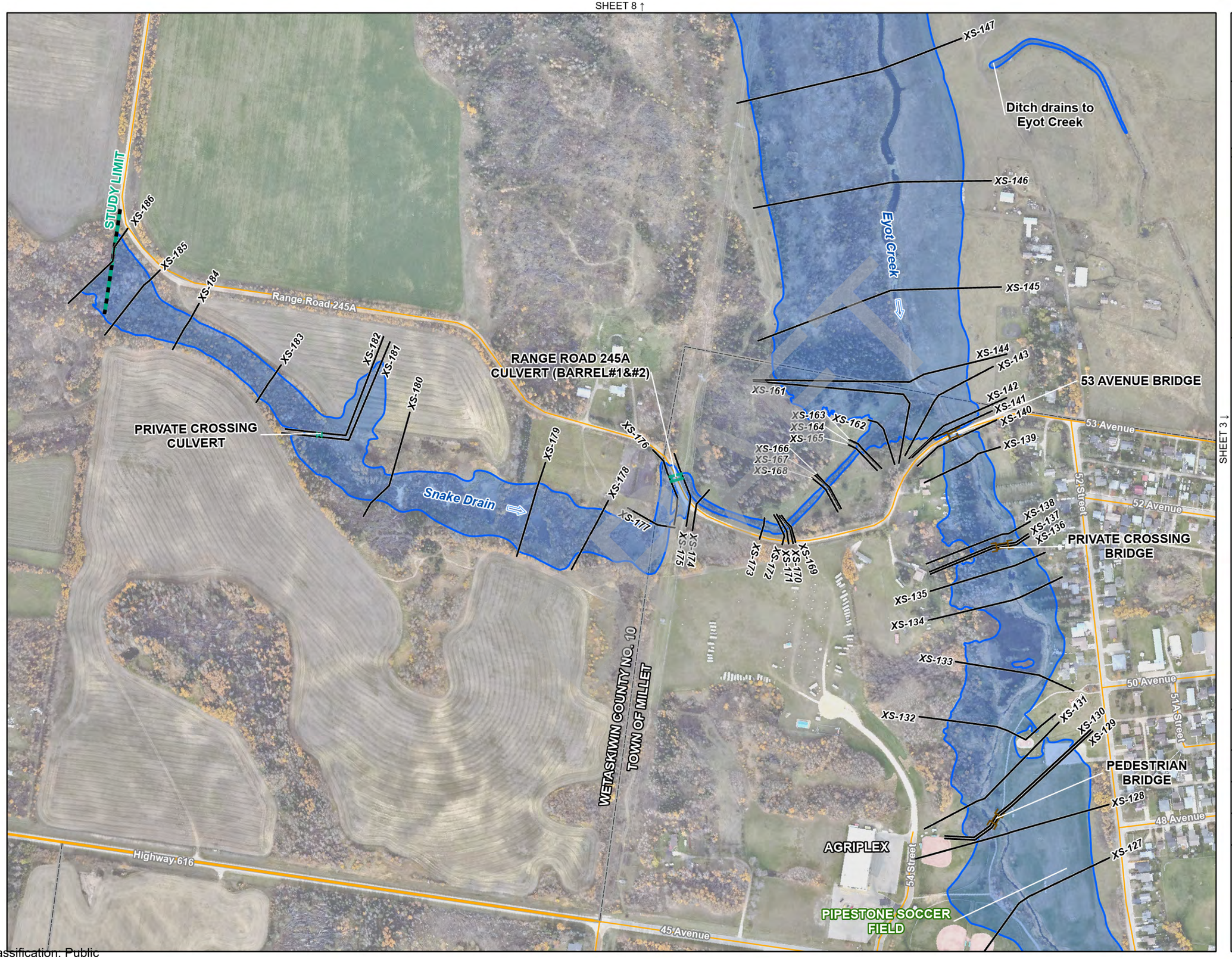
SHEET 8 ↑



SHEET 3 ↓

Alberta Canada

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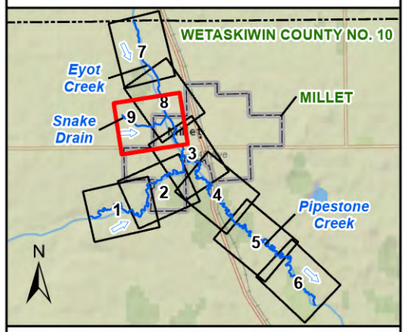

- FLOW DIRECTION
- MODEL CROSS SECTION
- FLOOD CONTROL STRUCTURE
- BRIDGE
- CULVERT
- RAILWAY
- PROVINCIAL HIGHWAY
- LOCAL ROAD
- TOWN OF MILLET
- COUNTY
- STUDY LIMIT
- 1000-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
SNAKE DRAIN = 4.7 m^3/s
EYOT CREEK ABOVE SNAKE DRAIN = 33.2 m^3/s
EYOT CREEK BELOW SNAKE DRAIN = 35.3 m^3/s

SCALE - 1:5,000
0 50 100 M
N

Coordinate System: NAD 1983 CSRS 3TM 114;
Vertical Datum: CGVD28 HTv2.0; Units: Metres

Engineer	GIS	Reviewer
MMM	JY	RBA

Job Number	Date
1008862	17-MAR-2025

MILLET FLOOD STUDY

1000-YEAR OPEN WATER FLOOD INUNDATION MAP

SHEET 9 OF 9

JY, P:_Projects (Active)\1008862 Millet Flood Study\90_GIS\FLOOD MAPPING\MILLET FS FLOOD INUNDATION MAPPING.aprx

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