



MAP BOOK

# Open Water Flood Inundation Map Library

*Lamont Flood Study*

Submitted to:

**Alberta Environment and Protected Areas**

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Submitted by:

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23592565-Rev0

June 2025

DRAFT

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**35-Year Flood Inundation Extent**

**50-Year Flood Inundation Extent**

**75-Year Flood Inundation Extent**

**100-Year Flood Inundation Extent**

**200-Year Flood Inundation Extent**

**350-Year Flood Inundation Extent**

**500-Year Flood Inundation Extent**

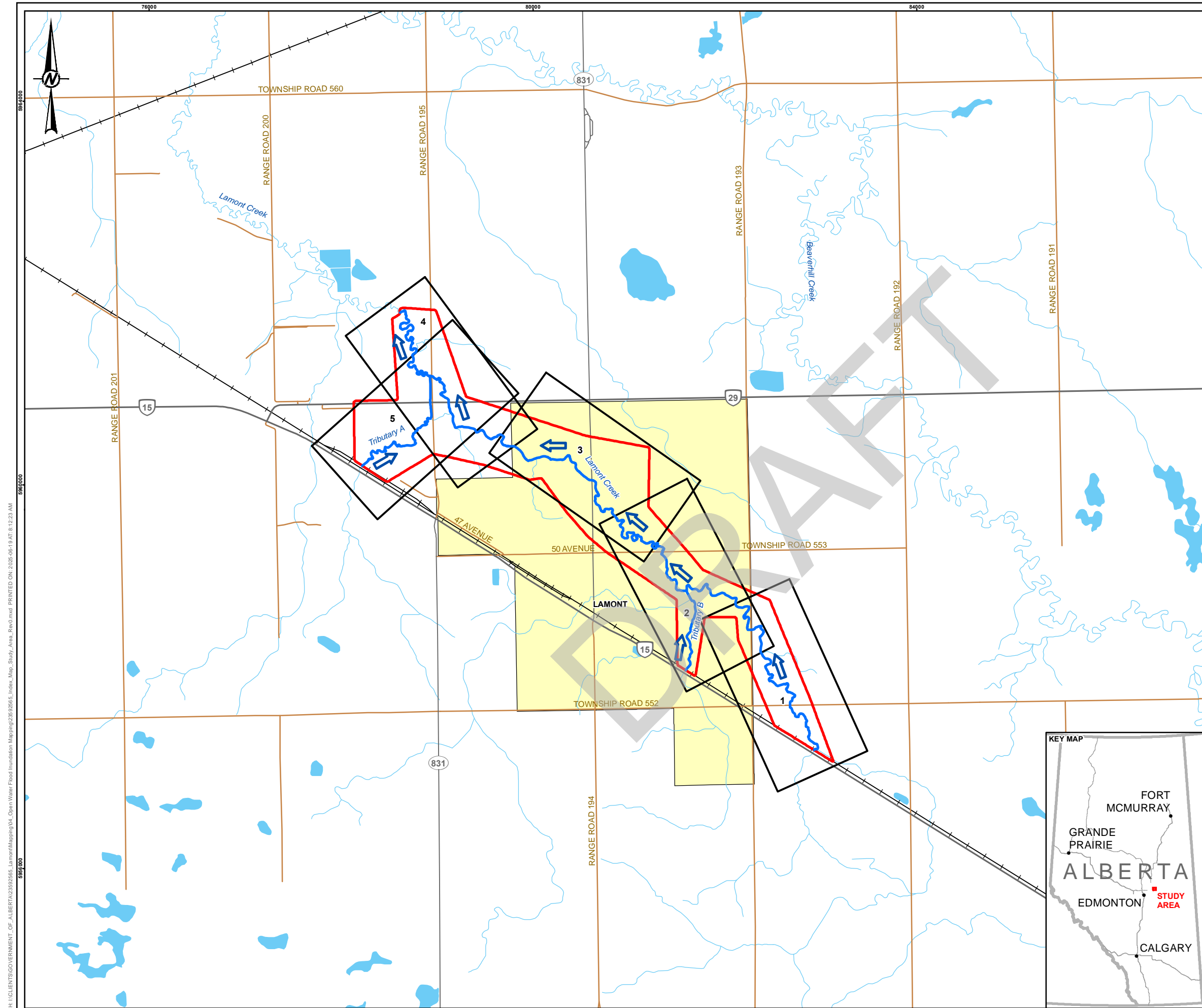
**750-Year Flood Inundation Extent**

**1,000-Year Flood Inundation Extent**

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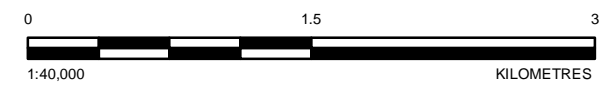
**OPEN WATER FLOOD INUNDATION INDEX MAP**

DRAFT



**LEGEND**

- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY HIGHWAY
- LOCAL ROAD
- RAILWAY
- WATERCOURSE
- WATERBODY
- TOWN OF LAMONT
- SURVEY REACH
- MAPBOOK EXTENT
- FLOOD STUDY AREA



**NOTE(S)**

1. PLEASE REFER TO THE ACCOMPANYING **LAMONT FLOOD STUDY – STUDY SUMMARY REPORT** FOR IMPORTANT INFORMATION CONCERNING THESE MAPS
2. 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. 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. LINE WORK FOR BRIDGES IS SHOWN ABOVE FLOOD INUNDATION AREAS, EVEN IN CASES WHERE BRIDGES OR FLOOD CONTROL STRUCTURES ARE INUNDATED.

**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. INCLUDED AREAS INUNDATED DUE TO POTENTIAL FLOOD CONTROL STRUCTURE FAILURE. 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 INCLUDED 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.

**REFERENCE(S)**

TOWN OF LAMONT BOUNDARY AND HYDROGRAPHY OBTAINED FROM ALTALIS, © GOVERNMENT OF ALBERTA 2024. ALL RIGHTS RESERVED.  
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CLIENT  
**ALBERTA ENVIRONMENT AND PROTECTED AREAS**

PROJECT  
**LAMONT FLOOD STUDY**

TITLE  
**OPEN WATER FLOOD INUNDATION INDEX MAP**

CONSULTANT	YYYY-MM-DD	2025-06-19
DESIGNED	JC	
PREPARED	PMT	
REVIEWED	AC	
APPROVED	JC	

PROJECT NO. 23592565 CONTROL - REV. 0 FIGURE 1



THE CLIENTS GOVERNMENT OF ALBERTA \ 35353566 - Open Water Flood Inundation Mapping04 - LamontMapping04 - Index\_Map\_Study\_Area\_Referencal PRINTED ON: 2025-06-19 AT 8:12:23 AM

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

**2-YEAR FLOOD INUNDATION EXTENT**

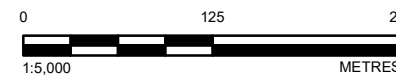
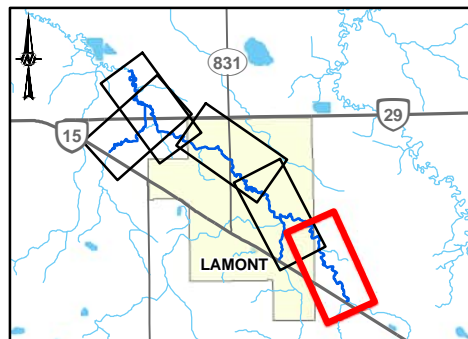
DRAFT



SHEET 2 ↓

**LEGEND**

- PROFILE STATION
  - MAPPING BOUNDARY
  - ➔ FLOW DIRECTION
  - LOCAL ROAD
  - PRIMARY HIGHWAY
  - SECONDARY HIGHWAY
  - RAILWAY
  - CHANNEL CENTRELINE
- HYDRAULIC STRUCTURES**
  - ◻ CULVERT
  - BRIDGE
- 2-YEAR FLOOD INUNDATION EXTENT**
  - 2-YEAR FLOOD EXTENT
- DISCHARGE**  
LAMONT CREEK UPSTREAM OF TRIBUTARY B = 1.11 m<sup>3</sup>/s



CLIENT  
ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



CONSULTANT



YYYY-MM-DD 2025-06-24  
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PREPARED PMT  
REVIEWED AC  
APPROVED JC

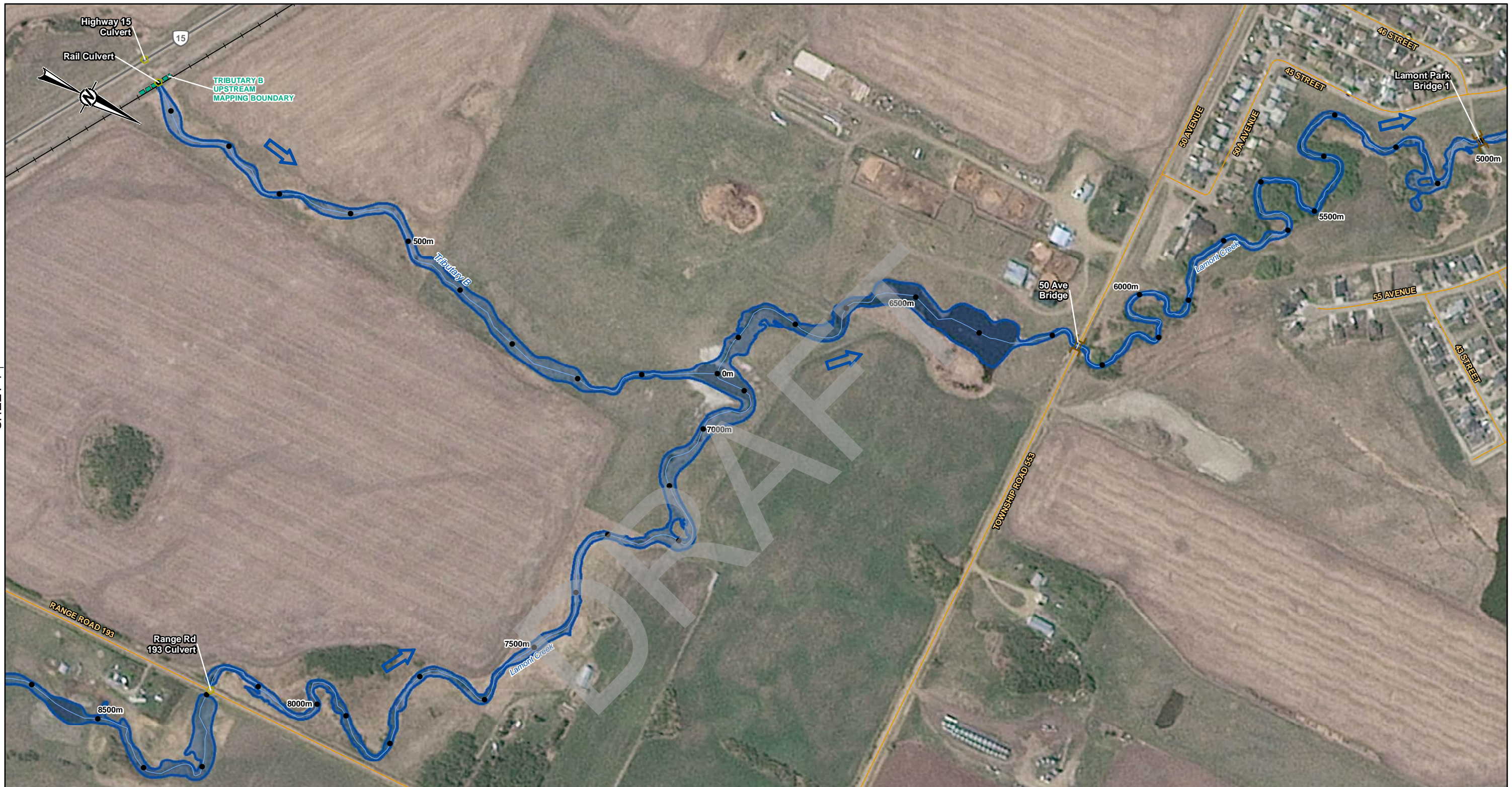
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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**2-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO. 23592565	CONTROL -	REV. 0	FIGURE 1 OF 5
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SHEET 1 ↑

↓ SHEET 3

THE CLIENTS GOVERNMENT OF ALBERTA \ 3392565\_LamontMapping04\_Open Water Flood Inundation Mapping\3392565\_002\Inundation\_Report.mxd PRINTED ON: 2025-06-24 AT: 1:32:12 PM

**LEGEND**

- PROFILE STATION
- ▬ MAPPING BOUNDARY
- ➔ FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- SECONDARY HIGHWAY
- RAILWAY
- CHANNEL CENTRELINE

**HYDRAULIC STRUCTURES**

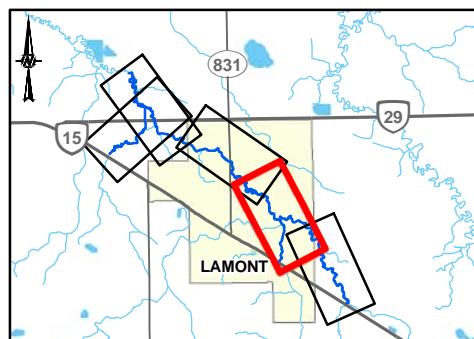
- ◻ CULVERT
- ▬ BRIDGE

**2-YEAR FLOOD INUNDATION EXTENT**

- 2-YEAR FLOOD EXTENT

**DISCHARGE**

TRIBUTARY B = 0.308 m<sup>3</sup>/s  
 LAMONT CREEK UPSTREAM OF TRIBUTARY B = 1.11 m<sup>3</sup>/s  
 LAMONT CREEK BETWEEN TRIBUTARY B AND A = 1.42 m<sup>3</sup>/s



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ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**2-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	2 OF 5

25mm IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B



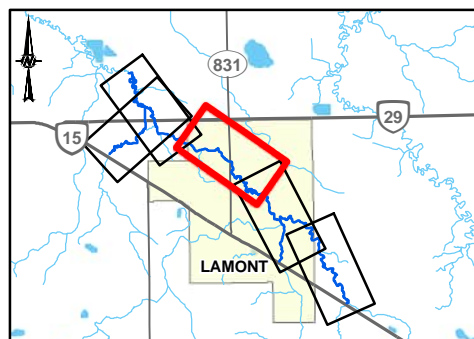
SHEET 2 ↑

↓ SHEET 4

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LEGEND	
●	PROFILE STATION
■	MAPPING BOUNDARY
➔	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
+	RAILWAY
—	CHANNEL CENTRELINE
⬡	HYDRAULIC STRUCTURES
⬡	CULVERT
⬡	BRIDGE
■	2-YEAR FLOOD INUNDATION EXTENT
■	2-YEAR FLOOD EXTENT
DISCHARGE	
LAMONT CREEK BETWEEN TRIBUTARY B AND A = 1.42 m <sup>3</sup> /s	



CLIENT  
 ALBERTA ENVIRONMENT  
 AND PROTECTED AREAS



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PREPARED	PMT
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PROJECT  
 LAMONT FLOOD STUDY

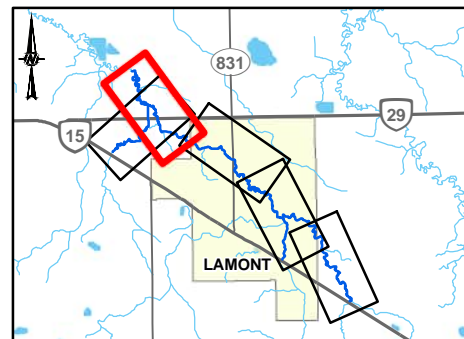
TITLE  
**2-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	3 OF 5



**LEGEND**

- PROFILE STATION
  - ▬ MAPPING BOUNDARY
  - ➔ FLOW DIRECTION
  - LOCAL ROAD
  - PRIMARY HIGHWAY
  - SECONDARY HIGHWAY
  - RAILWAY
  - CHANNEL CENTRELINE
- HYDRAULIC STRUCTURES**
- ◻ CULVERT
  - BRIDGE
- 2-YEAR FLOOD INUNDATION EXTENT**
- 2-YEAR FLOOD EXTENT
- DISCHARGE**
- TRIBUTARY A = 0.602 m<sup>3</sup>/s
  - LAMONT CREEK BETWEEN TRIBUTARY B AND A = 1.42 m<sup>3</sup>/s
  - LAMONT CREEK DOWNSTREAM OF TRIBUTARY A = 1.81 m<sup>3</sup>/s



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ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



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APPROVED JC

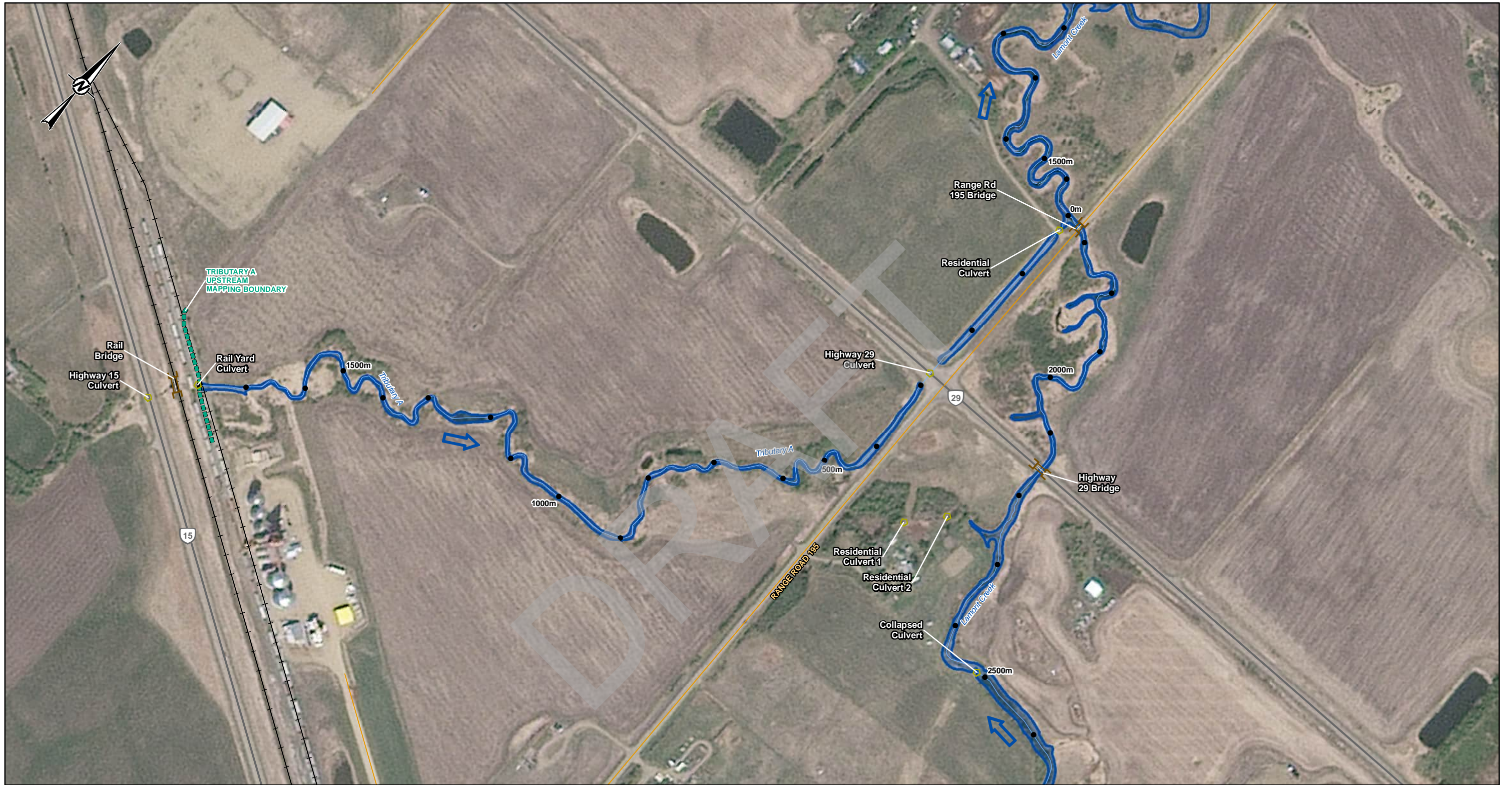
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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**2-YEAR FLOOD INUNDATION EXTENT**

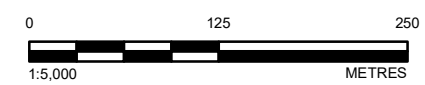
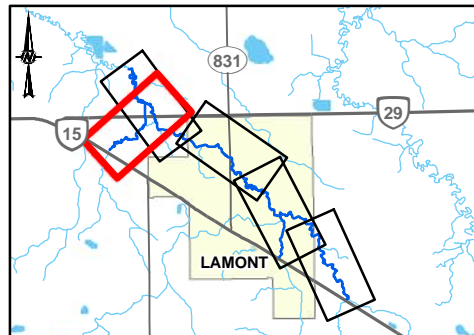
PROJECT NO. 23592565	CONTROL -	REV. 0	FIGURE 4 OF 5
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LEGEND	
●	PROFILE STATION
—	MAPPING BOUNDARY
→	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
—	RAILWAY
—	CHANNEL CENTRELINE
⬡	CULVERT
⬡	BRIDGE
⬡	2-YEAR FLOOD INUNDATION EXTENT
⬡	2-YEAR FLOOD EXTENT

DISCHARGE	
TRIBUTARY A =	0.602 m <sup>3</sup> /s
LAMONT CREEK BETWEEN TRIBUTARY B AND A =	1.42 m <sup>3</sup> /s
LAMONT CREEK DOWNSTREAM OF TRIBUTARY A =	1.81 m <sup>3</sup> /s



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ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



CONSULTANT	YYYY-MM-DD	2025-06-24
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	REVIEWED	AC
	APPROVED	JC

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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**2-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	5 OF 5

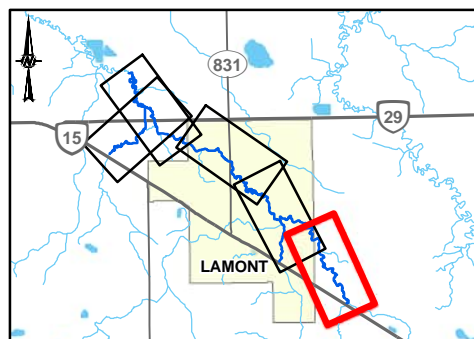
**5-YEAR FLOOD INUNDATION EXTENT**

DRAFT



SHEET 2 ↓

LEGEND	
●	PROFILE STATION
■	MAPPING BOUNDARY
➔	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
+	RAILWAY
—	CHANNEL CENTRELINE
⬡	CULVERT
⌌	BRIDGE
■	5-YEAR FLOOD INUNDATION EXTENT
■	5-YEAR FLOOD EXTENT
DISCHARGE LAMONT CREEK UPSTREAM OF TRIBUTARY B = 2.37 m <sup>3</sup> /s	



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ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



PROJECT  
LAMONT FLOOD STUDY

CONSULTANT



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APPROVED	JC

TITLE  
**5-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	1 OF 5



SHEET 1 ↑

↓ SHEET 3

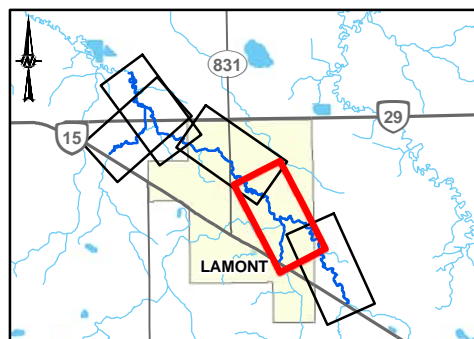
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25mm IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B

**LEGEND**

● PROFILE STATION	<b>HYDRAULIC STRUCTURES</b>	<b>5-YEAR FLOOD INUNDATION EXTENT</b>
▬ MAPPING BOUNDARY	◻ CULVERT	■ 5-YEAR FLOOD EXTENT
➔ FLOW DIRECTION	▬ BRIDGE	
— LOCAL ROAD		
— PRIMARY HIGHWAY		
— SECONDARY HIGHWAY		
— RAILWAY		
— CHANNEL CENTRELINE		

**DISCHARGE**  
 TRIBUTARY B = 0.648 m<sup>3</sup>/s  
 LAMONT CREEK UPSTREAM OF TRIBUTARY B = 2.37 m<sup>3</sup>/s  
 LAMONT CREEK BETWEEN TRIBUTARY B AND A = 3.02 m<sup>3</sup>/s



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 ALBERTA ENVIRONMENT  
 AND PROTECTED AREAS



CONSULTANT	YYYY-MM-DD	2025-06-24
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PROJECT  
 LAMONT FLOOD STUDY

TITLE  
**5-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	2 OF 5



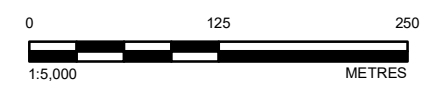
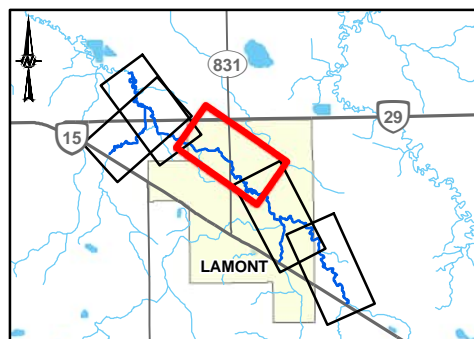
SHEET 2 ↑

↓ SHEET 4

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LEGEND	
●	PROFILE STATION
■	MAPPING BOUNDARY
➔	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
+	RAILWAY
—	CHANNEL CENTRELINE
⬡	HYDRAULIC STRUCTURES
⬡	CULVERT
⬡	BRIDGE
■	5-YEAR FLOOD INUNDATION EXTENT
■	5-YEAR FLOOD EXTENT
DISCHARGE	
LAMONT CREEK BETWEEN TRIBUTARY B AND A = 3.02 m <sup>3</sup> /s	



CLIENT  
 ALBERTA ENVIRONMENT  
 AND PROTECTED AREAS



CONSULTANT	
YYYY-MM-DD	2025-06-24
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PREPARED	PMT
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PROJECT  
 LAMONT FLOOD STUDY

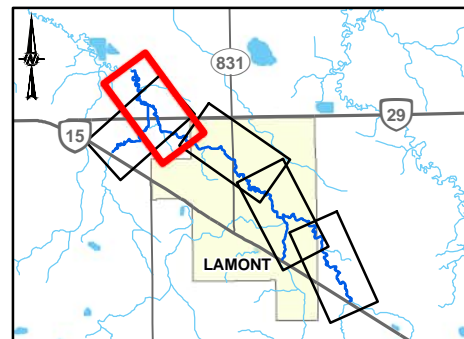
TITLE  
**5-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	3 OF 5



**LEGEND**

- PROFILE STATION
  - ▬ MAPPING BOUNDARY
  - ➔ FLOW DIRECTION
  - LOCAL ROAD
  - PRIMARY HIGHWAY
  - SECONDARY HIGHWAY
  - RAILWAY
  - CHANNEL CENTRELINE
- HYDRAULIC STRUCTURES**
- ◻ CULVERT
  - BRIDGE
- 5-YEAR FLOOD INUNDATION EXTENT**
- 5-YEAR FLOOD EXTENT
- DISCHARGE**
- TRIBUTARY A = 1.27 m<sup>3</sup>/s
  - LAMONT CREEK BETWEEN TRIBUTARY B AND A = 3.02 m<sup>3</sup>/s
  - LAMONT CREEK DOWNSTREAM OF TRIBUTARY A = 3.87 m<sup>3</sup>/s



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ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



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DESIGNED JC  
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REVIEWED AC  
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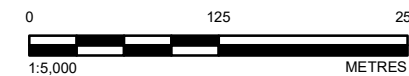
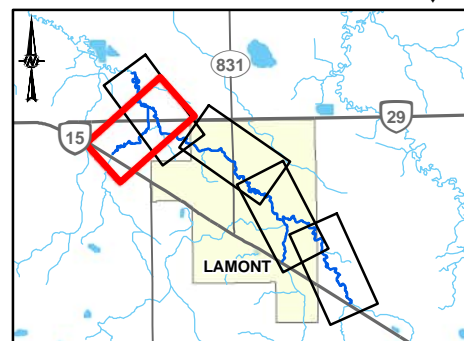
PROJECT  
LAMONT FLOOD STUDY

TITLE  
**5-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO. 23592565	CONTROL -	REV. 0	FIGURE 4 OF 5
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LEGEND		5-YEAR FLOOD INUNDATION EXTENT	
●	PROFILE STATION		5-YEAR FLOOD EXTENT
	MAPPING BOUNDARY		FLOW DIRECTION
	FLOW DIRECTION		LOCAL ROAD
	LOCAL ROAD		PRIMARY HIGHWAY
	PRIMARY HIGHWAY		SECONDARY HIGHWAY
	SECONDARY HIGHWAY		RAILWAY
	RAILWAY		CHANNEL CENTRELINE
	CHANNEL CENTRELINE	<b>HYDRAULIC STRUCTURES</b> CULVERT BRIDGE	
<b>DISCHARGE</b> TRIBUTARY A = 1.27 m <sup>3</sup> /s LAMONT CREEK BETWEEN TRIBUTARY B AND A = 3.02 m <sup>3</sup> /s LAMONT CREEK DOWNSTREAM OF TRIBUTARY A = 3.87 m <sup>3</sup> /s			



CLIENT  
ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**5-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	5 OF 5

**10-YEAR FLOOD INUNDATION EXTENT**

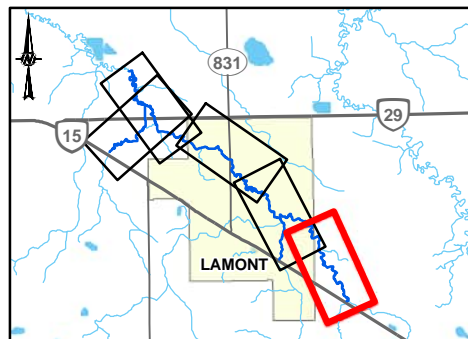
DRAFT



SHEET 2 ↓

**LEGEND**

- PROFILE STATION
  - MAPPING BOUNDARY
  - ➔ FLOW DIRECTION
  - LOCAL ROAD
  - PRIMARY HIGHWAY
  - SECONDARY HIGHWAY
  - RAILWAY
  - CHANNEL CENTRELINE
- HYDRAULIC STRUCTURES**
  - ◻ CULVERT
  - BRIDGE
- 10-YEAR FLOOD INUNDATION EXTENT**
  - 10-YEAR FLOOD EXTENT
- DISCHARGE**  
LAMONT CREEK UPSTREAM OF TRIBUTARY B = 3.53 m<sup>3</sup>/s



CLIENT  
ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



CONSULTANT



YYYY-MM-DD 2025-06-24  
DESIGNED JC  
PREPARED PMT  
REVIEWED AC  
APPROVED JC

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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**10-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO. 23592565	CONTROL -	REV. 0	FIGURE 1 OF 5
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SHEET 1 ↑

↓ SHEET 3

THE CLIENTS GOVERNMENT OF ALBERTA \ 3392565\_LamontMapping04\_Open Water Flood Inundation Mapping\3392565\_0010\Inundation\_Report.mxd PRINTED ON: 2025-06-24 AT: 1:34:46 PM

25mm IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B

**LEGEND**

- PROFILE STATION
- ▬ MAPPING BOUNDARY
- ➔ FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- SECONDARY HIGHWAY
- RAILWAY
- CHANNEL CENTRELINE

**HYDRAULIC STRUCTURES**

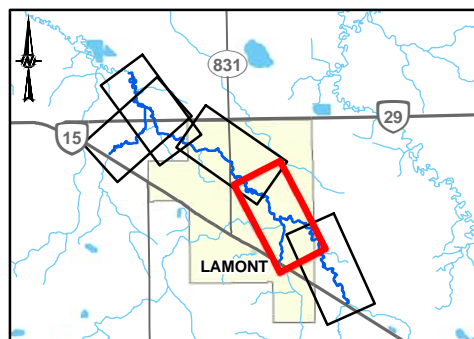
- ◻ CULVERT
- ▬ BRIDGE

**10-YEAR FLOOD INUNDATION EXTENT**

- 10-YEAR FLOOD EXTENT

**DISCHARGE**

TRIBUTARY B = 0.965 m<sup>3</sup>/s  
 LAMONT CREEK UPSTREAM OF TRIBUTARY B = 3.53 m<sup>3</sup>/s  
 LAMONT CREEK BETWEEN TRIBUTARY B AND A = 4.49 m<sup>3</sup>/s



CLIENT  
ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



CONSULTANT

YYYY-MM-DD	2025-06-24
DESIGNED	JC
PREPARED	PMT
REVIEWED	AC
APPROVED	JC

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 DATUM: NAD 83 CSRS PROJECTION: 3TM 114

PROJECT  
LAMONT FLOOD STUDY

TITLE  
**10-YEAR FLOOD INUNDATION EXTENT**

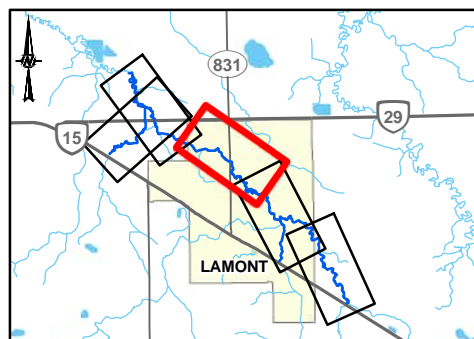
PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	2 OF 5



**LEGEND**

●	PROFILE STATION		<b>10-YEAR FLOOD INUNDATION EXTENT</b>
	MAPPING BOUNDARY		CULVERT
	FLOW DIRECTION		BRIDGE
	LOCAL ROAD		
	PRIMARY HIGHWAY		
	SECONDARY HIGHWAY		
	RAILWAY		
	CHANNEL CENTRELINE		

**DISCHARGE**  
LAMONT CREEK BETWEEN TRIBUTARY B AND A = 4.49 m<sup>3</sup>/s



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ALBERTA ENVIRONMENT  
AND PROTECTED AREAS

CONSULTANT

*Alberta* Canada

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DESIGNED JC

PREPARED PMT

REVIEWED AC

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PROJECT  
LAMONT FLOOD STUDY

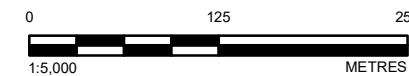
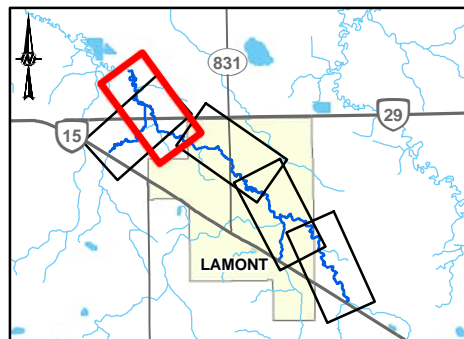
TITLE  
**10-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO. 23592565	CONTROL -	REV. 0	FIGURE 3 OF 5
-------------------------	--------------	-----------	------------------



LEGEND	
●	PROFILE STATION
—	MAPPING BOUNDARY
➔	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
+	RAILWAY
—	CHANNEL CENTRELINE
⬡	HYDRAULIC STRUCTURES
⬡	CULVERT
⬡	BRIDGE
⬡	10-YEAR FLOOD INUNDATION EXTENT
⬡	10-YEAR FLOOD EXTENT

**DISCHARGE**  
 TRIBUTARY A = 1.90 m<sup>3</sup>/s  
 LAMONT CREEK BETWEEN TRIBUTARY B AND A = 4.49 m<sup>3</sup>/s  
 LAMONT CREEK DOWNSTREAM OF TRIBUTARY A = 5.77 m<sup>3</sup>/s



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PROJECT  
 LAMONT FLOOD STUDY

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REVIEWED	AC
APPROVED	JC

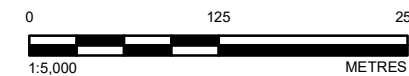
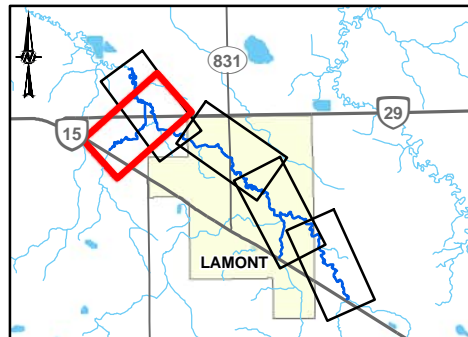
TITLE  
**10-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	4 OF 5



LEGEND		10-YEAR FLOOD INUNDATION EXTENT	
●	PROFILE STATION		10-YEAR FLOOD EXTENT
	MAPPING BOUNDARY		10-YEAR FLOOD EXTENT
	FLOW DIRECTION		
	LOCAL ROAD		
	PRIMARY HIGHWAY		
	SECONDARY HIGHWAY		
	RAILWAY		
	CHANNEL CENTRELINE		
	CULVERT		
	BRIDGE		

**DISCHARGE**  
 TRIBUTARY A = 1.90 m<sup>3</sup>/s  
 LAMONT CREEK BETWEEN TRIBUTARY B AND A = 4.49 m<sup>3</sup>/s  
 LAMONT CREEK DOWNSTREAM OF TRIBUTARY A = 5.77 m<sup>3</sup>/s



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 AND PROTECTED AREAS



PROJECT  
 LAMONT FLOOD STUDY

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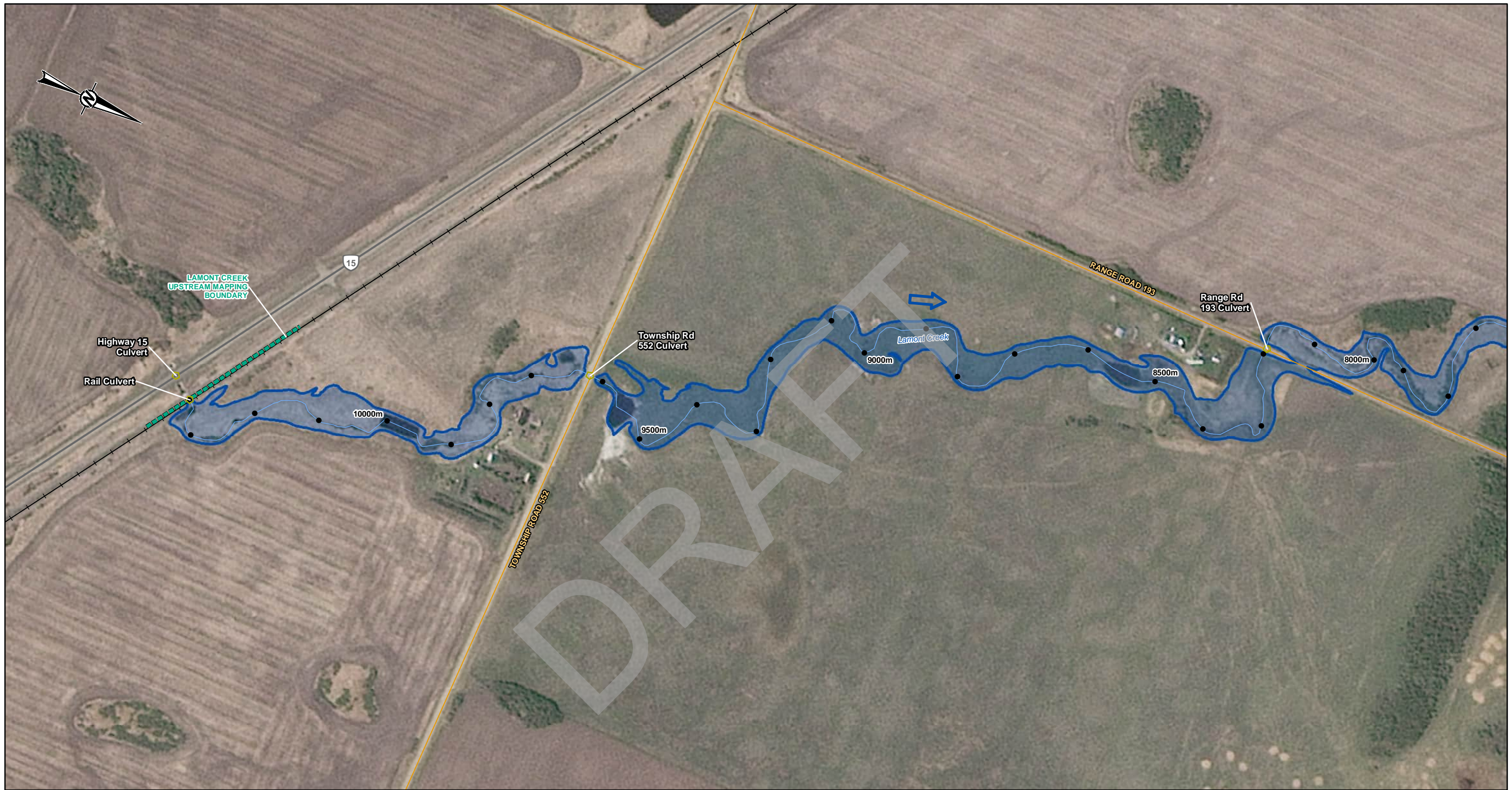
YYYY-MM-DD	2025-06-24
DESIGNED	JC
PREPARED	PMT
REVIEWED	AC
APPROVED	JC

TITLE  
**10-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	5 OF 5

**20-YEAR FLOOD INUNDATION EXTENT**

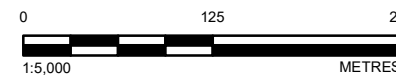
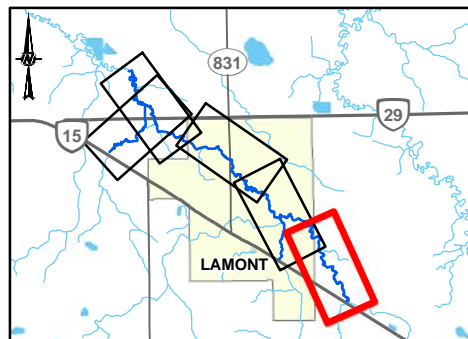
DRAFT



SHEET 2 ↓

**LEGEND**

- PROFILE STATION
  - MAPPING BOUNDARY
  - ➔ FLOW DIRECTION
  - LOCAL ROAD
  - PRIMARY HIGHWAY
  - SECONDARY HIGHWAY
  - RAILWAY
  - CHANNEL CENTRELINE
- HYDRAULIC STRUCTURES**
  - ◻ CULVERT
  - BRIDGE
- 20-YEAR FLOOD INUNDATION EXTENT**
  - 20-YEAR FLOOD EXTENT
- DISCHARGE**  
LAMONT CREEK UPSTREAM OF TRIBUTARY B = 4.98 m<sup>3</sup>/s



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ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**20-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	1 OF 5



SHEET 1 ↑

↓ SHEET 3

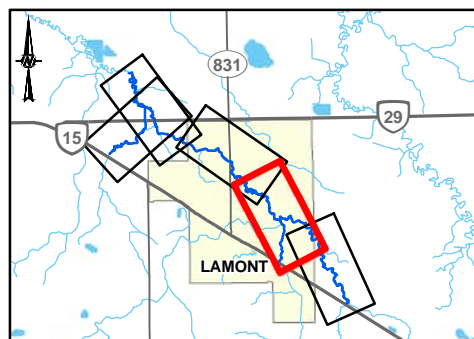
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25mm IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B

**LEGEND**

● PROFILE STATION	<b>HYDRAULIC STRUCTURES</b>	<b>20-YEAR FLOOD INUNDATION EXTENT</b>
▬ MAPPING BOUNDARY	◻ CULVERT	▬ 20-YEAR FLOOD EXTENT
➔ FLOW DIRECTION	▬ BRIDGE	
— LOCAL ROAD		
— PRIMARY HIGHWAY		
— SECONDARY HIGHWAY		
— RAILWAY		
— CHANNEL CENTRELINE		

**DISCHARGE**  
 TRIBUTARY B = 1.36 m<sup>3</sup>/s  
 LAMONT CREEK UPSTREAM OF TRIBUTARY B = 4.98 m<sup>3</sup>/s  
 LAMONT CREEK BETWEEN TRIBUTARY B AND A = 6.34 m<sup>3</sup>/s



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 ALBERTA ENVIRONMENT  
 AND PROTECTED AREAS



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DESIGNED	JC
PREPARED	PMT
REVIEWED	AC
APPROVED	JC

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PROJECT  
 LAMONT FLOOD STUDY

TITLE  
**20-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	2 OF 5



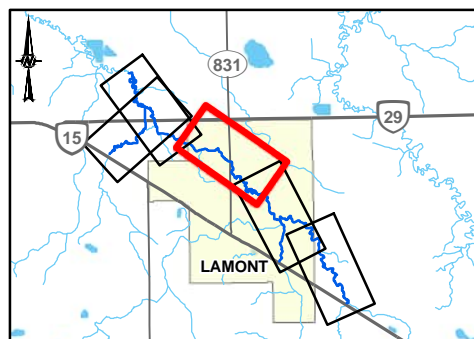
SHEET 2 ↑

↓ SHEET 4

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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

LEGEND	
●	PROFILE STATION
—	MAPPING BOUNDARY
→	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
+	RAILWAY
—	CHANNEL CENTRELINE
<b>HYDRAULIC STRUCTURES</b>	
⌈	CULVERT
⌈	BRIDGE
<b>20-YEAR FLOOD INUNDATION EXTENT</b>	
■	20-YEAR FLOOD EXTENT
<b>DISCHARGE</b>	
LAMONT CREEK BETWEEN TRIBUTARY B AND A = 6.34 m <sup>3</sup> /s	



CLIENT  
 ALBERTA ENVIRONMENT  
 AND PROTECTED AREAS



CONSULTANT	YYYY-MM-DD	2025-06-24
	DESIGNED	JC
	PREPARED	PMT
	REVIEWED	AC
	APPROVED	JC

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PROJECT  
 LAMONT FLOOD STUDY

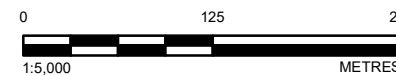
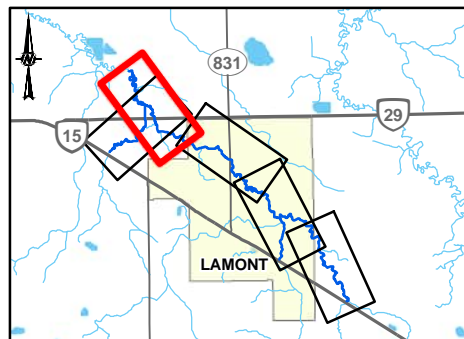
TITLE  
**20-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	3 OF 5



**LEGEND**

- PROFILE STATION
  - ▬ MAPPING BOUNDARY
  - ➔ FLOW DIRECTION
  - LOCAL ROAD
  - PRIMARY HIGHWAY
  - SECONDARY HIGHWAY
  - RAILWAY
  - CHANNEL CENTRELINE
- HYDRAULIC STRUCTURES**
- ◻ CULVERT
  - BRIDGE
- 20-YEAR FLOOD INUNDATION EXTENT**
- 20-YEAR FLOOD EXTENT
- DISCHARGE**
- TRIBUTARY A = 2.68 m<sup>3</sup>/s
  - LAMONT CREEK BETWEEN TRIBUTARY B AND A = 6.34 m<sup>3</sup>/s
  - LAMONT CREEK DOWNSTREAM OF TRIBUTARY A = 8.15 m<sup>3</sup>/s



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 ALBERTA ENVIRONMENT  
 AND PROTECTED AREAS



PROJECT  
 LAMONT FLOOD STUDY

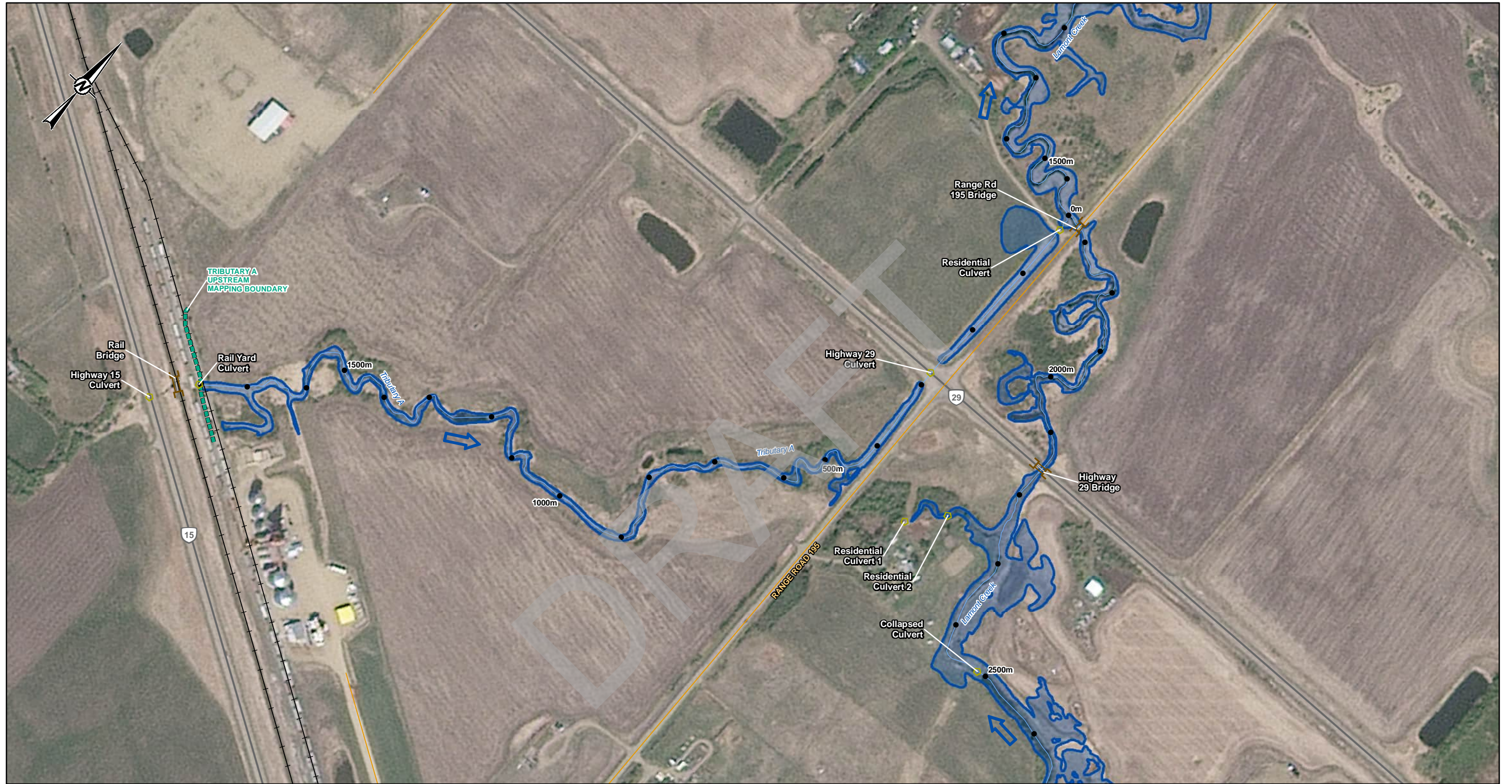
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YYYY-MM-DD 2025-06-24  
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 APPROVED JC

TITLE  
**20-YEAR FLOOD INUNDATION EXTENT**

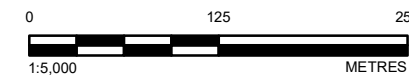
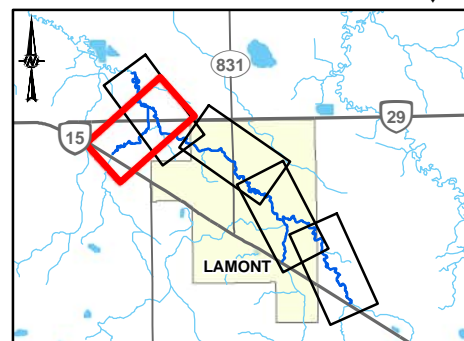
PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	4 OF 5



LEGEND		20-YEAR FLOOD INUNDATION EXTENT	
●	PROFILE STATION		20-YEAR FLOOD EXTENT
	MAPPING BOUNDARY		
	FLOW DIRECTION		
	LOCAL ROAD		
	PRIMARY HIGHWAY		
	SECONDARY HIGHWAY		
	RAILWAY		
	CHANNEL CENTRELINE		
	CULVERT		
	BRIDGE		

DISCHARGE	
TRIBUTARY A =	2.68 m <sup>3</sup> /s
LAMONT CREEK BETWEEN TRIBUTARY B AND A =	6.34 m <sup>3</sup> /s
LAMONT CREEK DOWNSTREAM OF TRIBUTARY A =	8.15 m <sup>3</sup> /s



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APPROVED	JC

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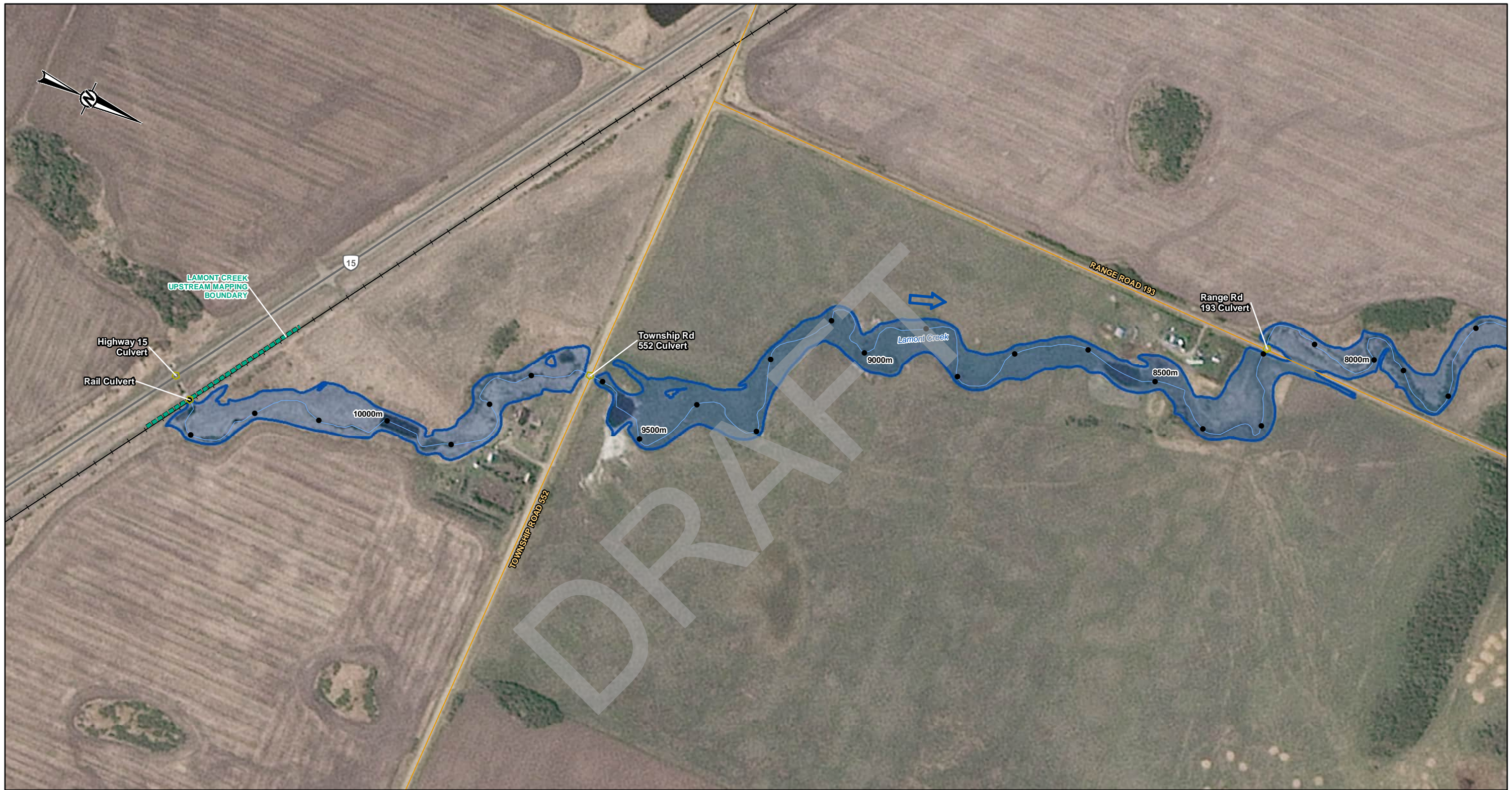
PROJECT  
LAMONT FLOOD STUDY

TITLE  
**20-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	5 OF 5

**35-YEAR FLOOD INUNDATION EXTENT**

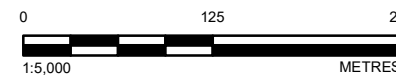
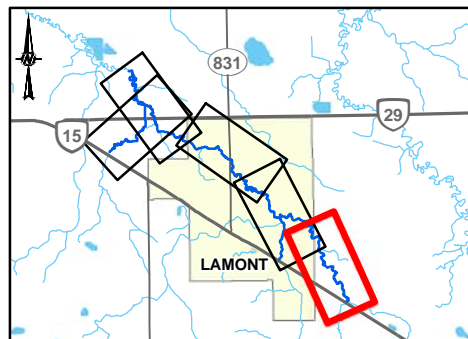
DRAFT



SHEET 2 ↓

**LEGEND**

- PROFILE STATION
  - MAPPING BOUNDARY
  - ➔ FLOW DIRECTION
  - LOCAL ROAD
  - PRIMARY HIGHWAY
  - SECONDARY HIGHWAY
  - RAILWAY
  - CHANNEL CENTRELINE
- HYDRAULIC STRUCTURES**
  - ◻ CULVERT
  - BRIDGE
- 35-YEAR FLOOD INUNDATION EXTENT**
  - 35-YEAR FLOOD EXTENT
- DISCHARGE**  
LAMONT CREEK UPSTREAM OF TRIBUTARY B = 6.44 m<sup>3</sup>/s



CLIENT  
ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



CONSULTANT



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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**35-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	1 OF 5



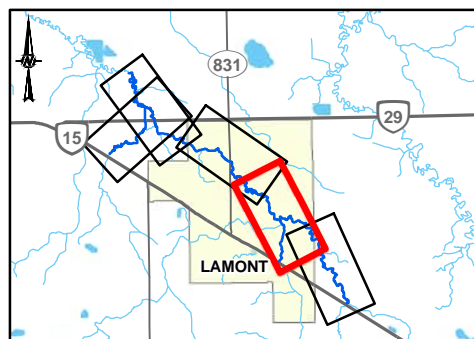
SHEET 1 ↑

↓ SHEET 3

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25mm IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B

<b>LEGEND</b>		
●	PROFILE STATION	
—	MAPPING BOUNDARY	
→	FLOW DIRECTION	
—	LOCAL ROAD	
—	PRIMARY HIGHWAY	
—	SECONDARY HIGHWAY	
—	RAILWAY	
—	CHANNEL CENTRELINE	
<b>HYDRAULIC STRUCTURES</b>		
⏏	CULVERT	
⏏	BRIDGE	
<b>35-YEAR FLOOD INUNDATION EXTENT</b>		
■	35-YEAR FLOOD EXTENT	
<b>DISCHARGE</b>		
TRIBUTARY B = 1.76 m <sup>3</sup> /s		
LAMONT CREEK UPSTREAM OF TRIBUTARY B = 6.44 m <sup>3</sup> /s		
LAMONT CREEK BETWEEN TRIBUTARY B AND A = 8.20 m <sup>3</sup> /s		



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ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



CONSULTANT	YYYY-MM-DD	2025-06-24
	DESIGNED	JC
	PREPARED	PMT
	REVIEWED	AC
	APPROVED	JC

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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**35-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	2 OF 5



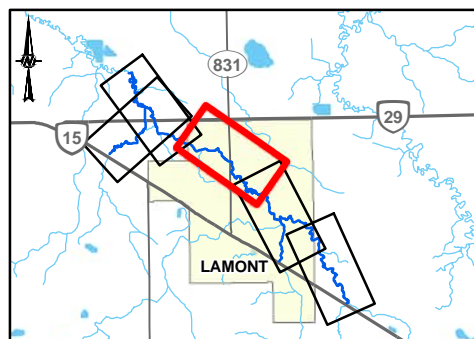
SHEET 2 ↑

↓ SHEET 4

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25mm IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

LEGEND	
●	PROFILE STATION
—	MAPPING BOUNDARY
→	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
+	RAILWAY
—	CHANNEL CENTRELINE
<b>HYDRAULIC STRUCTURES</b>	
⌌	CULVERT
⌌	BRIDGE
<b>35-YEAR FLOOD INUNDATION EXTENT</b>	
■	35-YEAR FLOOD EXTENT
<b>DISCHARGE</b>	
LAMONT CREEK BETWEEN TRIBUTARY B AND A = 8.20 m <sup>3</sup> /s	



CLIENT  
 ALBERTA ENVIRONMENT  
 AND PROTECTED AREAS



CONSULTANT	YYYY-MM-DD	2025-06-24
DESIGNED	JC	
PREPARED	PMT	
REVIEWED	AC	
APPROVED	JC	

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PROJECT  
 LAMONT FLOOD STUDY

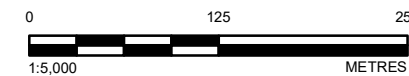
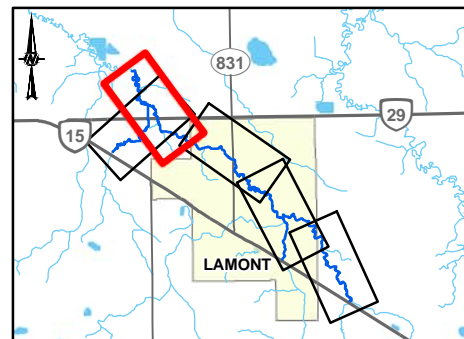
TITLE  
**35-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	3 OF 5



**LEGEND**

- PROFILE STATION
  - MAPPING BOUNDARY
  - ➔ FLOW DIRECTION
  - LOCAL ROAD
  - PRIMARY HIGHWAY
  - SECONDARY HIGHWAY
  - RAILWAY
  - CHANNEL CENTRELINE
- HYDRAULIC STRUCTURES**
  - CULVERT
  - BRIDGE
- 35-YEAR FLOOD INUNDATION EXTENT**
  - 35-YEAR FLOOD EXTENT
- DISCHARGE**  
 TRIBUTARY A = 3.46 m<sup>3</sup>/s  
 LAMONT CREEK BETWEEN TRIBUTARY B AND A = 8.20 m<sup>3</sup>/s  
 LAMONT CREEK DOWNSTREAM OF TRIBUTARY A = 10.5 m<sup>3</sup>/s



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CLIENT  
 ALBERTA ENVIRONMENT  
 AND PROTECTED AREAS



PROJECT  
 LAMONT FLOOD STUDY

CONSULTANT



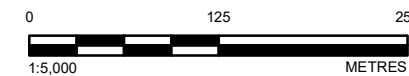
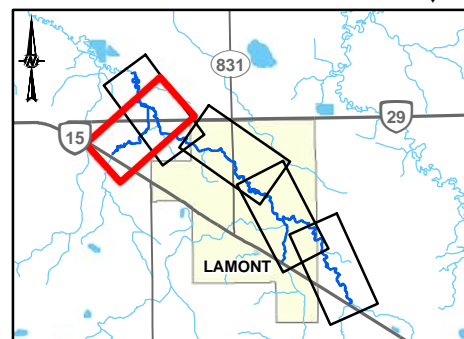
YYYY-MM-DD 2025-06-24  
 DESIGNED JC  
 PREPARED PMT  
 REVIEWED AC  
 APPROVED JC

TITLE  
**35-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	4 OF 5



LEGEND	
●	PROFILE STATION
—	MAPPING BOUNDARY
→	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
—	RAILWAY
—	CHANNEL CENTRELINE
⬡	HYDRAULIC STRUCTURES
⬡	CULVERT
⬡	BRIDGE
⬡	35-YEAR FLOOD INUNDATION EXTENT
⬡	35-YEAR FLOOD EXTENT
DISCHARGE	
TRIBUTARY A = 3.46 m <sup>3</sup> /s	
LAMONT CREEK BETWEEN TRIBUTARY B AND A = 8.20 m <sup>3</sup> /s	
LAMONT CREEK DOWNSTREAM OF TRIBUTARY A = 10.5 m <sup>3</sup> /s	



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ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



CONSULTANT



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PREPARED	PMT
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APPROVED	JC

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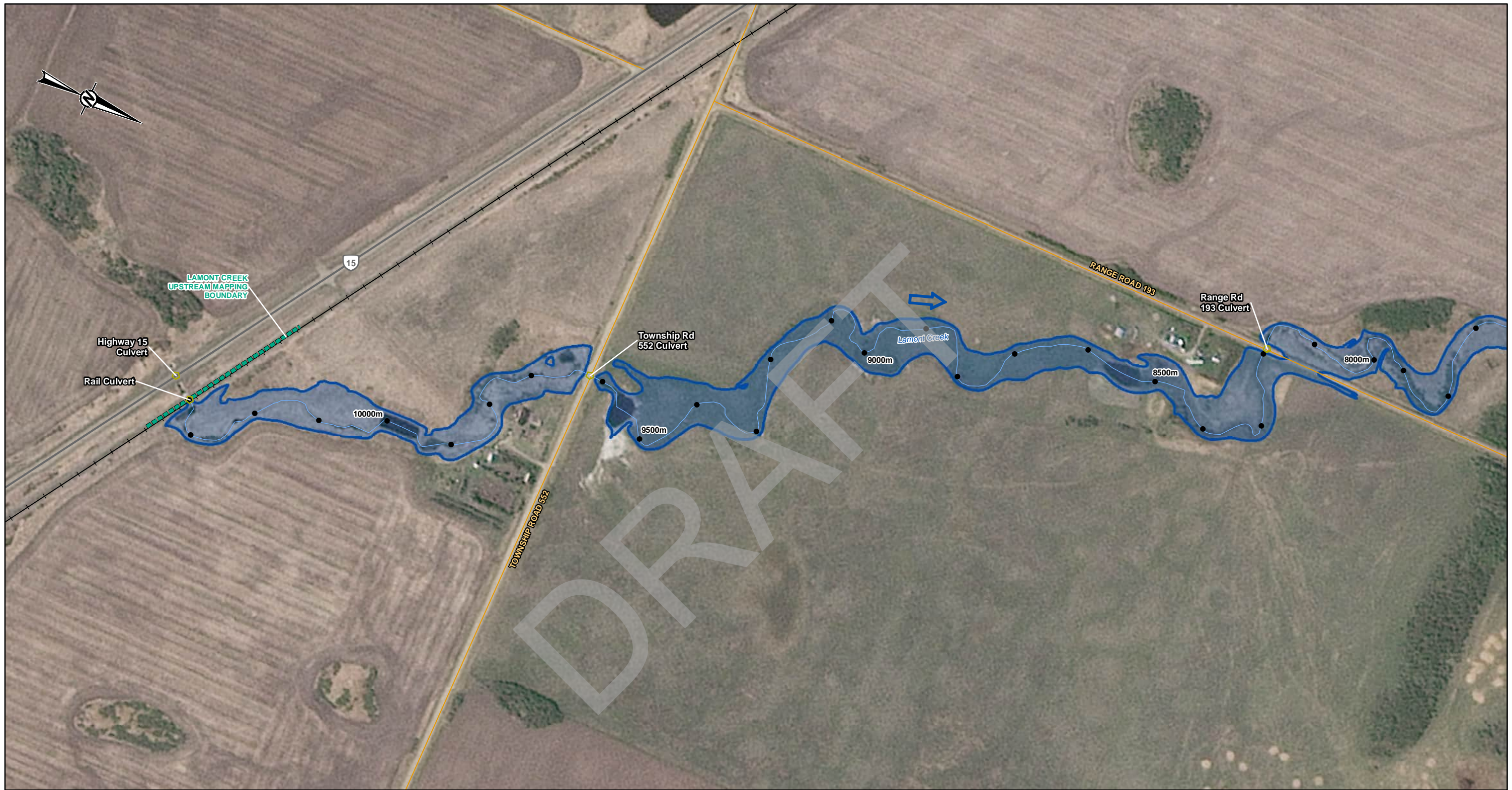
PROJECT  
LAMONT FLOOD STUDY

TITLE  
**35-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	5 OF 5

**50-YEAR FLOOD INUNDATION EXTENT**

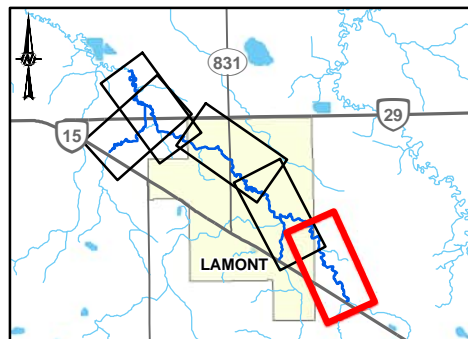
DRAFT



SHEET 2 ↓

**LEGEND**

- PROFILE STATION
  - MAPPING BOUNDARY
  - ➔ FLOW DIRECTION
  - LOCAL ROAD
  - PRIMARY HIGHWAY
  - SECONDARY HIGHWAY
  - RAILWAY
  - CHANNEL CENTRELINE
- HYDRAULIC STRUCTURES**
  - ◻ CULVERT
  - BRIDGE
- 50-YEAR FLOOD INUNDATION EXTENT**
  - 50-YEAR FLOOD EXTENT
- DISCHARGE**  
LAMONT CREEK UPSTREAM OF TRIBUTARY B = 7.52 m<sup>3</sup>/s



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ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



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YYYY-MM-DD 2025-06-24  
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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**50-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO. 23592565	CONTROL -	REV. 0	FIGURE 1 OF 5
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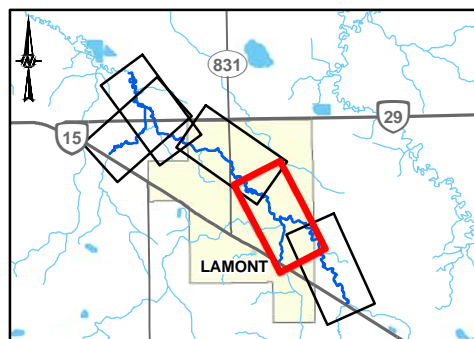
SHEET 1 ↑

↓ SHEET 3

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25mm IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B

<b>LEGEND</b>		
●	PROFILE STATION	
—	MAPPING BOUNDARY	
→	FLOW DIRECTION	
—	LOCAL ROAD	
—	PRIMARY HIGHWAY	
—	SECONDARY HIGHWAY	
+	RAILWAY	
—	CHANNEL CENTRELINE	
<b>HYDRAULIC STRUCTURES</b>		
⏏	CULVERT	
⏏	BRIDGE	
<b>50-YEAR FLOOD INUNDATION EXTENT</b>		
■	50-YEAR FLOOD EXTENT	
<b>DISCHARGE</b>		
TRIBUTARY B = 2.06 m <sup>3</sup> /s LAMONT CREEK UPSTREAM OF TRIBUTARY B = 7.52 m <sup>3</sup> /s LAMONT CREEK BETWEEN TRIBUTARY B AND A = 9.58 m <sup>3</sup> /s		



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 ALBERTA ENVIRONMENT  
 AND PROTECTED AREAS



CONSULTANT	YYYY-MM-DD	2025-06-24
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	PREPARED	PMT
	REVIEWED	AC
	APPROVED	JC

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PROJECT  
 LAMONT FLOOD STUDY

TITLE  
**50-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	2 OF 5

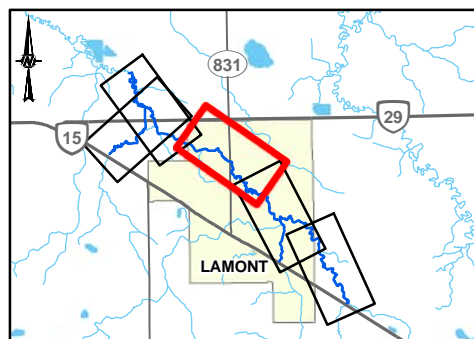
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SHEET 2 ↑

SHEET 4 ↓

LEGEND	
●	PROFILE STATION
■	MAPPING BOUNDARY
➔	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
+	RAILWAY
—	CHANNEL CENTRELINE
<b>HYDRAULIC STRUCTURES</b>	
⏏	CULVERT
⏏	BRIDGE
<b>50-YEAR FLOOD INUNDATION EXTENT</b>	
■	50-YEAR FLOOD EXTENT
<b>DISCHARGE</b>	
LAMONT CREEK BETWEEN TRIBUTARY B AND A = 9.58 m <sup>3</sup> /s	



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ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



CONSULTANT	YYYY-MM-DD	2025-06-24
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	PREPARED	PMT
	REVIEWED	AC
	APPROVED	JC

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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**50-YEAR FLOOD INUNDATION EXTENT**

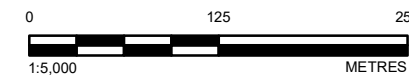
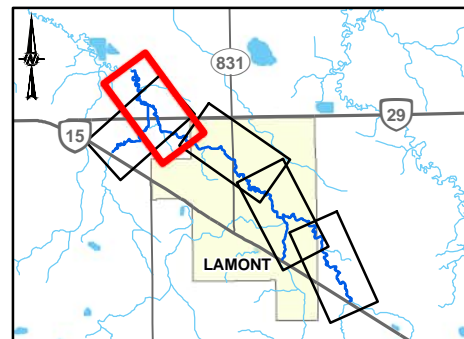
PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	3 OF 5

25mm IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B



**LEGEND**

- PROFILE STATION
  - ▬ MAPPING BOUNDARY
  - ➔ FLOW DIRECTION
  - LOCAL ROAD
  - PRIMARY HIGHWAY
  - SECONDARY HIGHWAY
  - RAILWAY
  - CHANNEL CENTRELINE
- HYDRAULIC STRUCTURES**
- ◻ CULVERT
  - BRIDGE
- 50-YEAR FLOOD INUNDATION EXTENT**
- 50-YEAR FLOOD EXTENT
- DISCHARGE**
- TRIBUTARY A = 4.05 m<sup>3</sup>/s
  - LAMONT CREEK BETWEEN TRIBUTARY B AND A = 9.58 m<sup>3</sup>/s
  - LAMONT CREEK DOWNSTREAM OF TRIBUTARY A = 12.3 m<sup>3</sup>/s



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 ALBERTA ENVIRONMENT  
 AND PROTECTED AREAS



PROJECT  
 LAMONT FLOOD STUDY

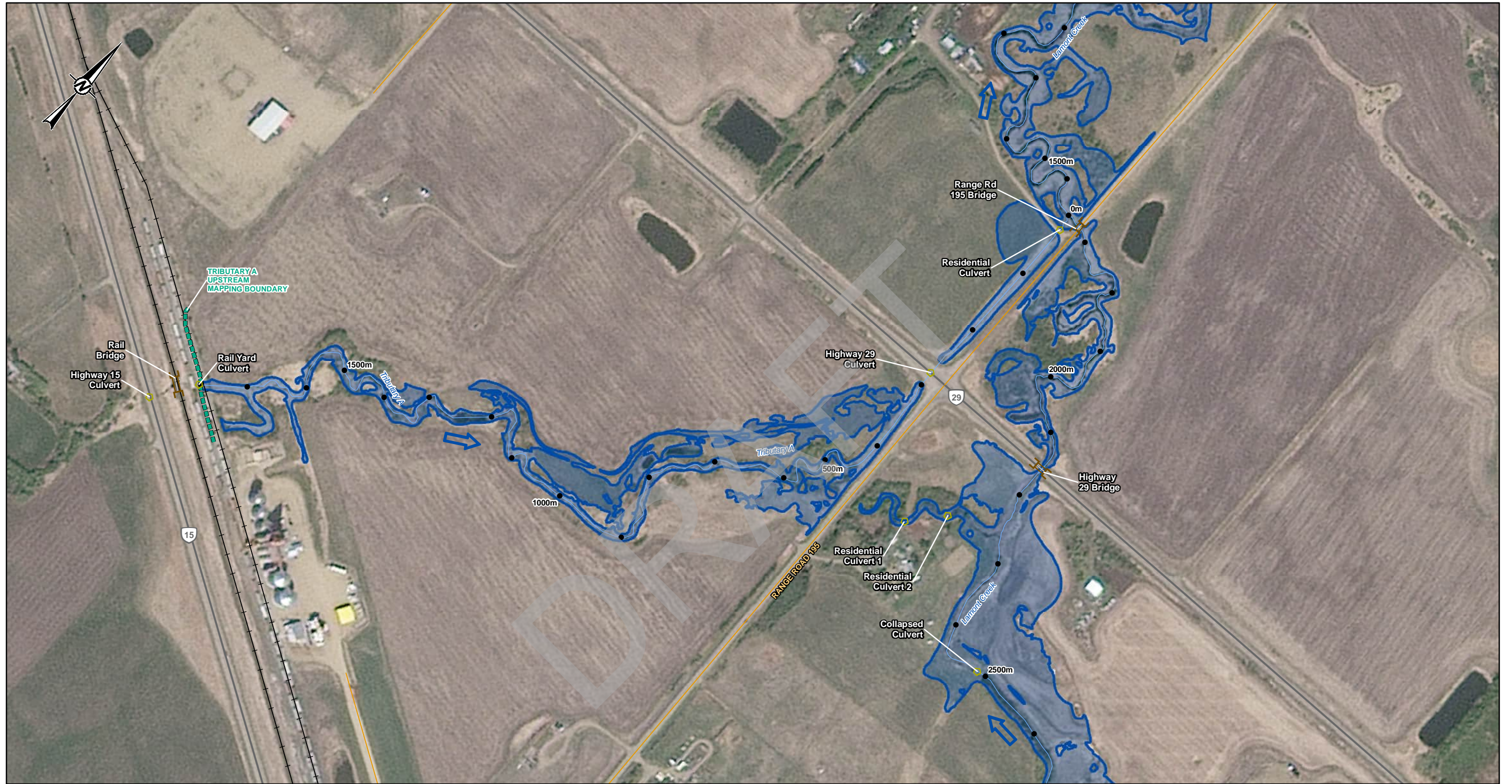
CONSULTANT



YYYY-MM-DD	2025-06-24
DESIGNED	JC
PREPARED	PMT
REVIEWED	AC
APPROVED	JC

TITLE  
**50-YEAR FLOOD INUNDATION EXTENT**

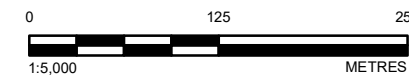
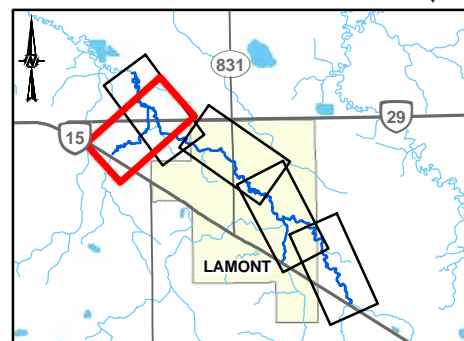
PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	4 OF 5



LEGEND		50-YEAR FLOOD INUNDATION EXTENT	
●	PROFILE STATION		50-YEAR FLOOD EXTENT
	MAPPING BOUNDARY		
	FLOW DIRECTION		
	LOCAL ROAD		
	PRIMARY HIGHWAY		
	SECONDARY HIGHWAY		
	RAILWAY		
	CHANNEL CENTRELINE		
	CULVERT		
	BRIDGE		

DISCHARGE	
TRIBUTARY A =	4.05 m <sup>3</sup> /s
LAMONT CREEK BETWEEN TRIBUTARY B AND A =	9.58 m <sup>3</sup> /s
LAMONT CREEK DOWNSTREAM OF TRIBUTARY A =	12.3 m <sup>3</sup> /s



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AND PROTECTED AREAS



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YYYY-MM-DD	2025-06-24
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PREPARED	PMT
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APPROVED	JC

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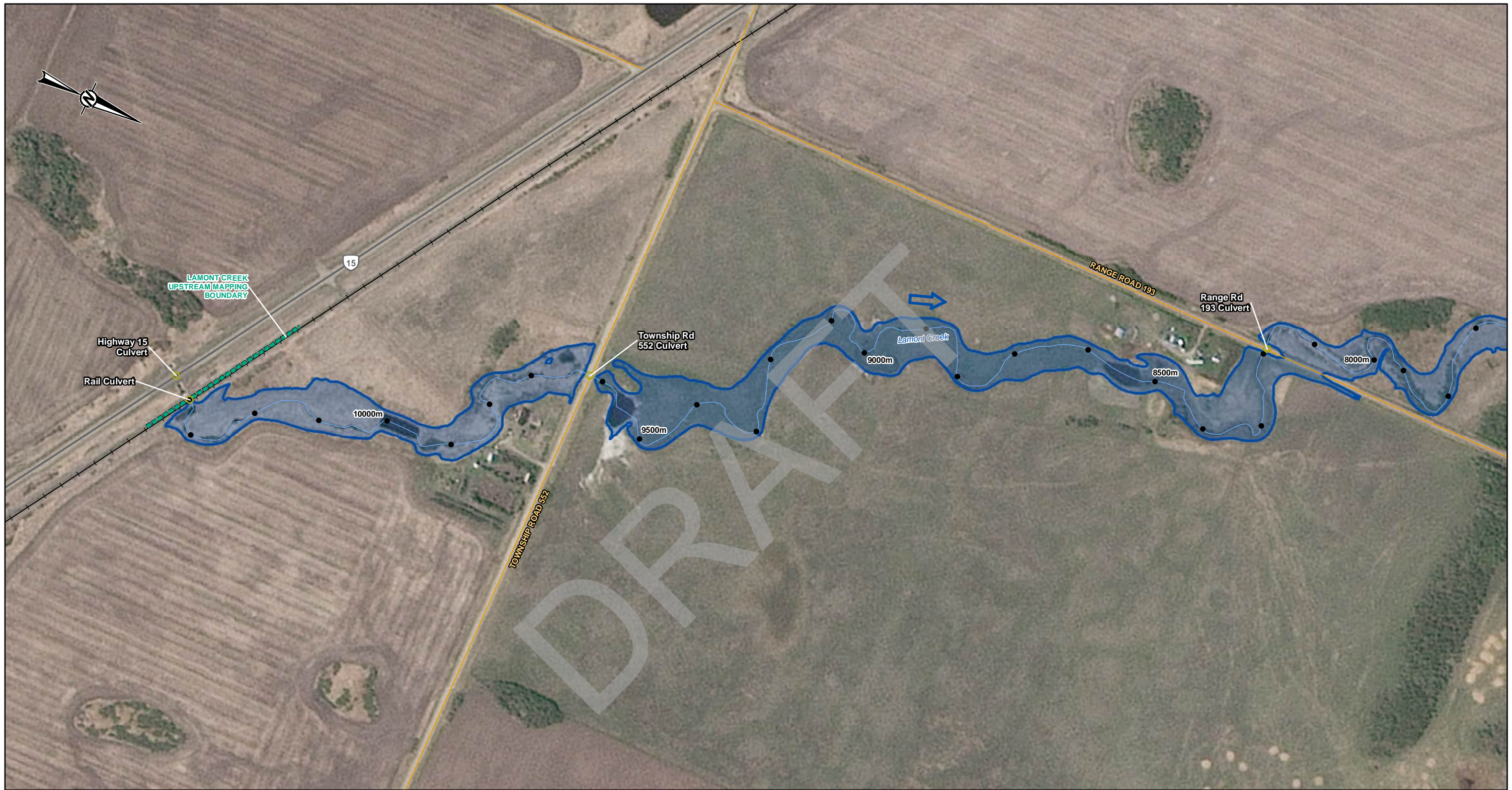
PROJECT  
LAMONT FLOOD STUDY

TITLE  
**50-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	5 OF 5

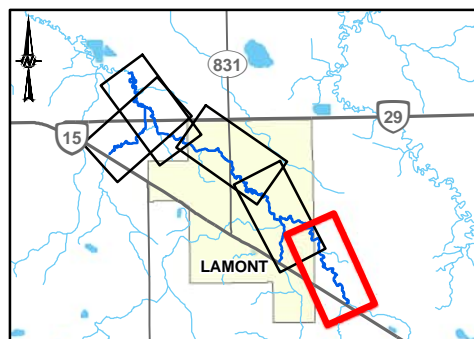
**75-YEAR FLOOD INUNDATION EXTENT**

DRAFT



SHEET 2 ↓

LEGEND	
●	PROFILE STATION
■	MAPPING BOUNDARY
➔	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
+	RAILWAY
—	CHANNEL CENTRELINE
⬡	CULVERT
⌈	BRIDGE
■	75-YEAR FLOOD INUNDATION EXTENT
■	75-YEAR FLOOD EXTENT
DISCHARGE LAMONT CREEK UPSTREAM OF TRIBUTARY B = 8.94 m <sup>3</sup> /s	



CLIENT  
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AND PROTECTED AREAS



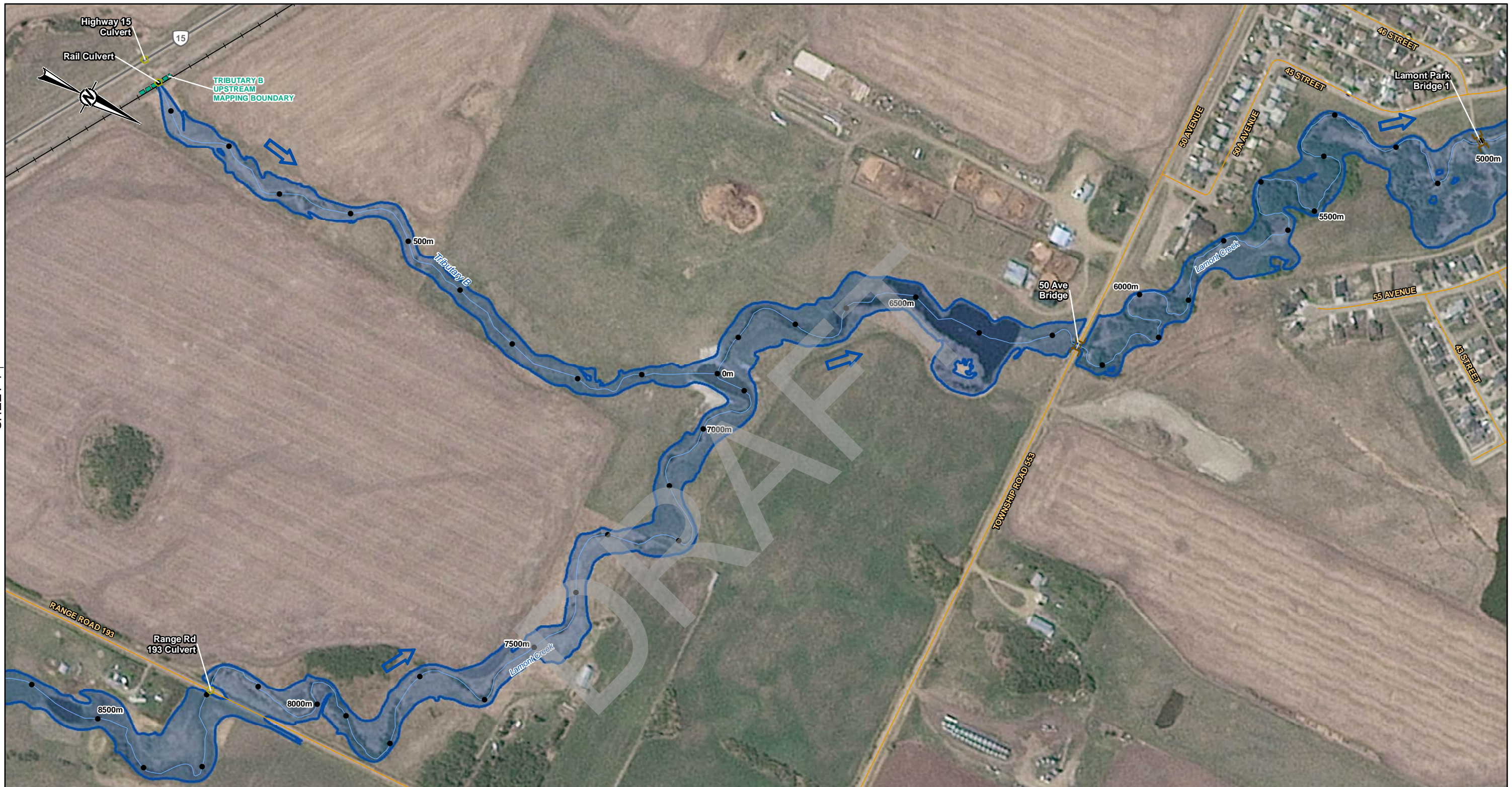
CONSULTANT	YYYY-MM-DD	2025-06-24
	DESIGNED	JC
	PREPARED	PMT
	REVIEWED	AC
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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**75-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	1 OF 5



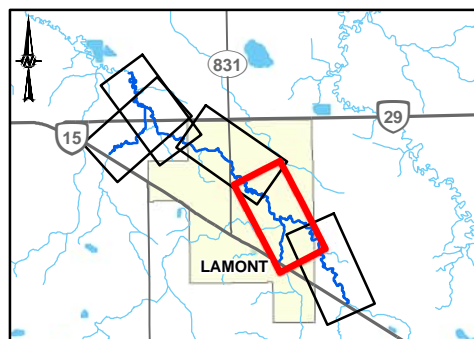
SHEET 1 ↑

↓ SHEET 3

THE CLIENTS GOVERNMENT OF ALBERTA \ 3392565\_LamontMapping04\_Open Water Flood Inundation Mapping\3392565\_075yr\_inundation\_Ren0.mxd PRINTED ON: 2025-06-24 AT: 1:39:03 PM

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

LEGEND	
●	PROFILE STATION
▬▬▬	MAPPING BOUNDARY
➔	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
+	RAILWAY
—	CHANNEL CENTRELINE
⬡	CULVERT
⌈⌋	BRIDGE
▭	75-YEAR FLOOD INUNDATION EXTENT
▭	75-YEAR FLOOD EXTENT
DISCHARGE	
TRIBUTARY B = 2.45 m <sup>3</sup> /s	
LAMONT CREEK UPSTREAM OF TRIBUTARY B = 8.94 m <sup>3</sup> /s	
LAMONT CREEK BETWEEN TRIBUTARY B AND A = 11.4 m <sup>3</sup> /s	



CLIENT  
ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



CONSULTANT	DATE	BY
DESIGNED	2025-06-24	JC
PREPARED		PMT
REVIEWED		AC
APPROVED		JC

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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**75-YEAR FLOOD INUNDATION EXTENT**

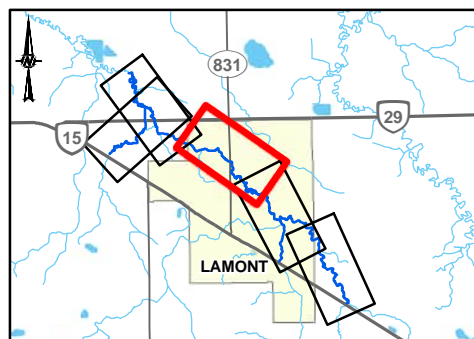
PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	2 OF 5



SHEET 2 ↑

↓ SHEET 4

LEGEND	
●	PROFILE STATION
—	MAPPING BOUNDARY
→	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
+	RAILWAY
—	CHANNEL CENTRELINE
⬡	HYDRAULIC STRUCTURES
⬡	CULVERT
⬡	BRIDGE
⬡	75-YEAR FLOOD INUNDATION EXTENT
⬡	75-YEAR FLOOD EXTENT
DISCHARGE LAMONT CREEK BETWEEN TRIBUTARY B AND A = 11.4 m <sup>3</sup> /s	



CLIENT  
ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



PROJECT  
LAMONT FLOOD STUDY

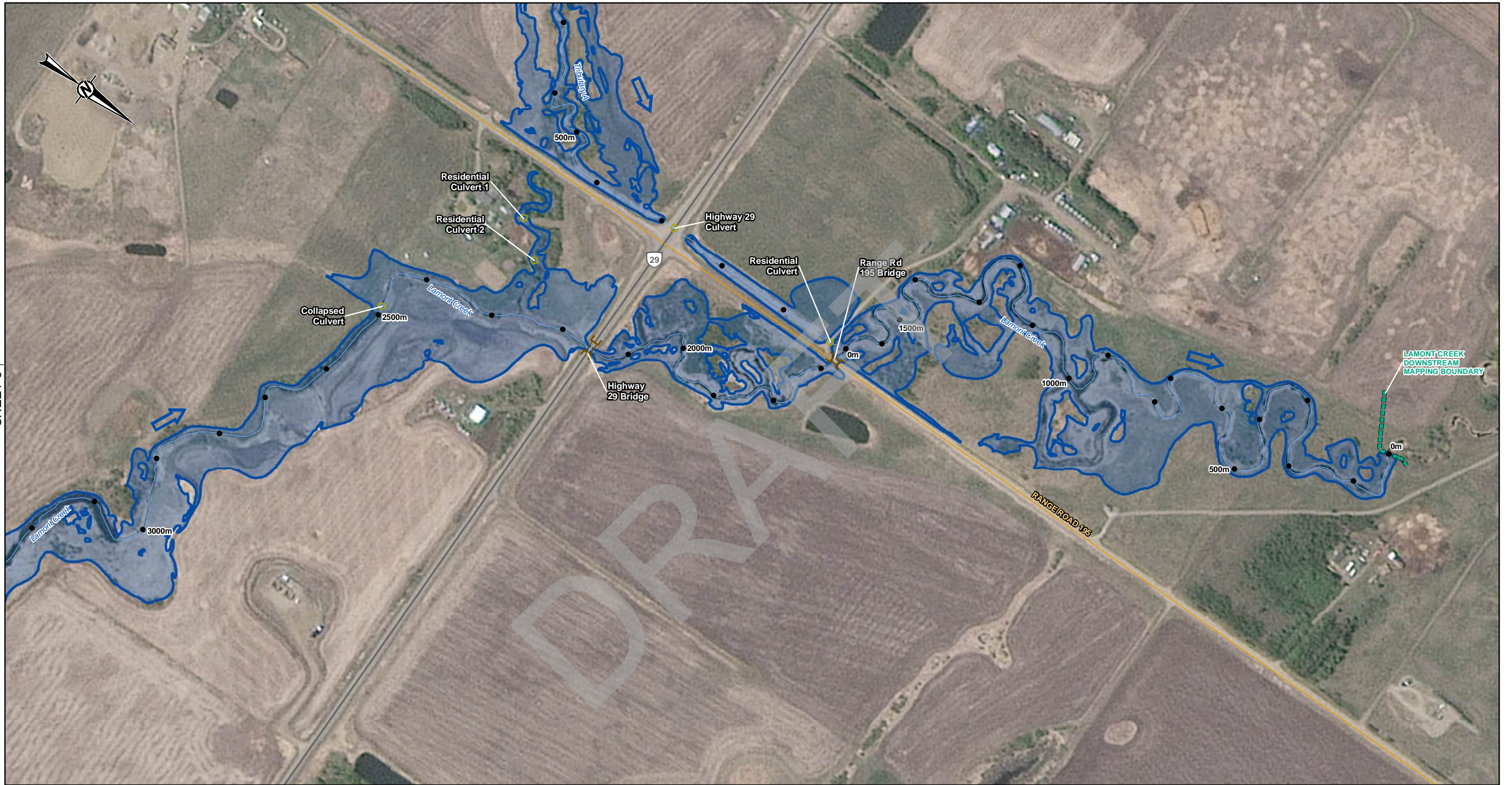
CONSULTANT	DATE	REVISION
DESIGNED	2025-06-24	JC
PREPARED		PMT
REVIEWED		AC
APPROVED		JC

TITLE  
**75-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	3 OF 5

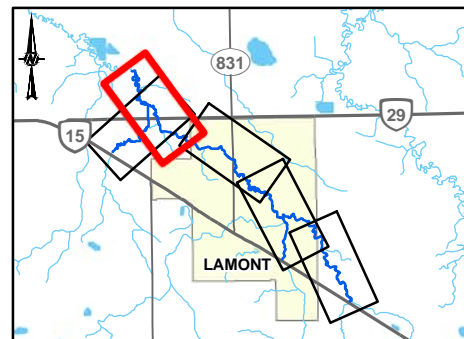
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25mm IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



**LEGEND**

- PROFILE STATION
  - ▬ MAPPING BOUNDARY
  - ➔ FLOW DIRECTION
  - LOCAL ROAD
  - PRIMARY HIGHWAY
  - SECONDARY HIGHWAY
  - RAILWAY
  - CHANNEL CENTRELINE
- HYDRAULIC STRUCTURES**
- ◻ CULVERT
  - BRIDGE
- 75-YEAR FLOOD INUNDATION EXTENT**
- 75-YEAR FLOOD EXTENT
- DISCHARGE**
- TRIBUTARY A = 4.81 m<sup>3</sup>/s
  - LAMONT CREEK BETWEEN TRIBUTARY B AND A = 11.4 m<sup>3</sup>/s
  - LAMONT CREEK DOWNSTREAM OF TRIBUTARY A = 14.6 m<sup>3</sup>/s



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AND PROTECTED AREAS



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YYYY-MM-DD	2025-06-24
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APPROVED	JC

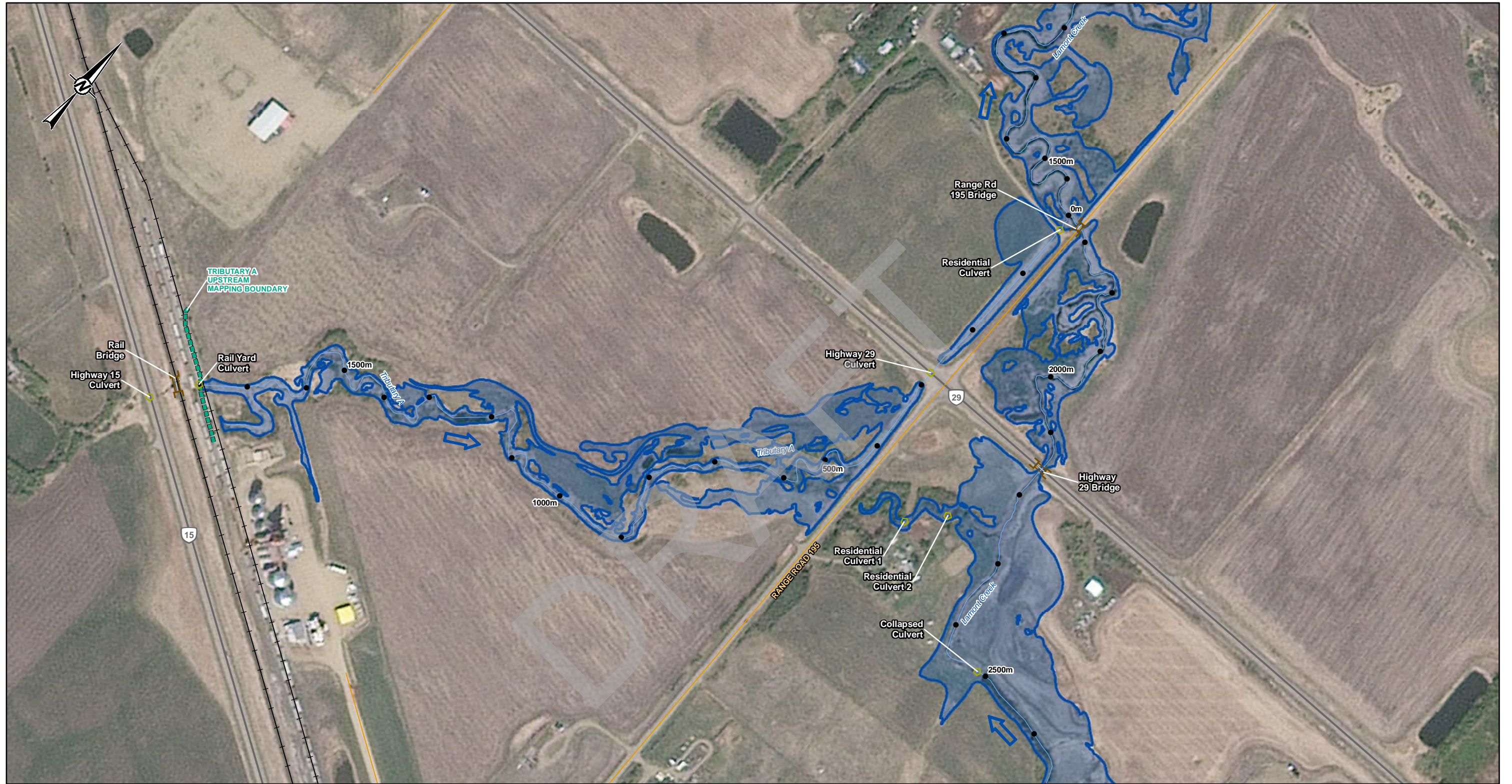
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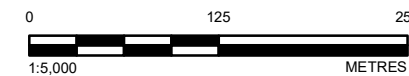
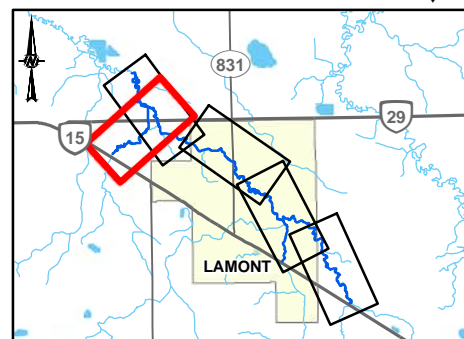
PROJECT  
LAMONT FLOOD STUDY

TITLE  
**75-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	4 OF 5



LEGEND		75-YEAR FLOOD INUNDATION EXTENT	
●	PROFILE STATION		75-YEAR FLOOD EXTENT
	MAPPING BOUNDARY	<b>DISCHARGE</b>	
	FLOW DIRECTION	TRIBUTARY A = 4.81 m <sup>3</sup> /s	
	LOCAL ROAD	LAMONT CREEK BETWEEN TRIBUTARY B AND A = 11.4 m <sup>3</sup> /s	
	PRIMARY HIGHWAY	LAMONT CREEK DOWNSTREAM OF TRIBUTARY A = 14.6 m <sup>3</sup> /s	
	SECONDARY HIGHWAY		
	RAILWAY		
	CHANNEL CENTRELINE		
	CULVERT		
	BRIDGE		



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ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



CONSULTANT



YYYY-MM-DD	2025-06-24
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PREPARED	PMT
REVIEWED	AC
APPROVED	JC

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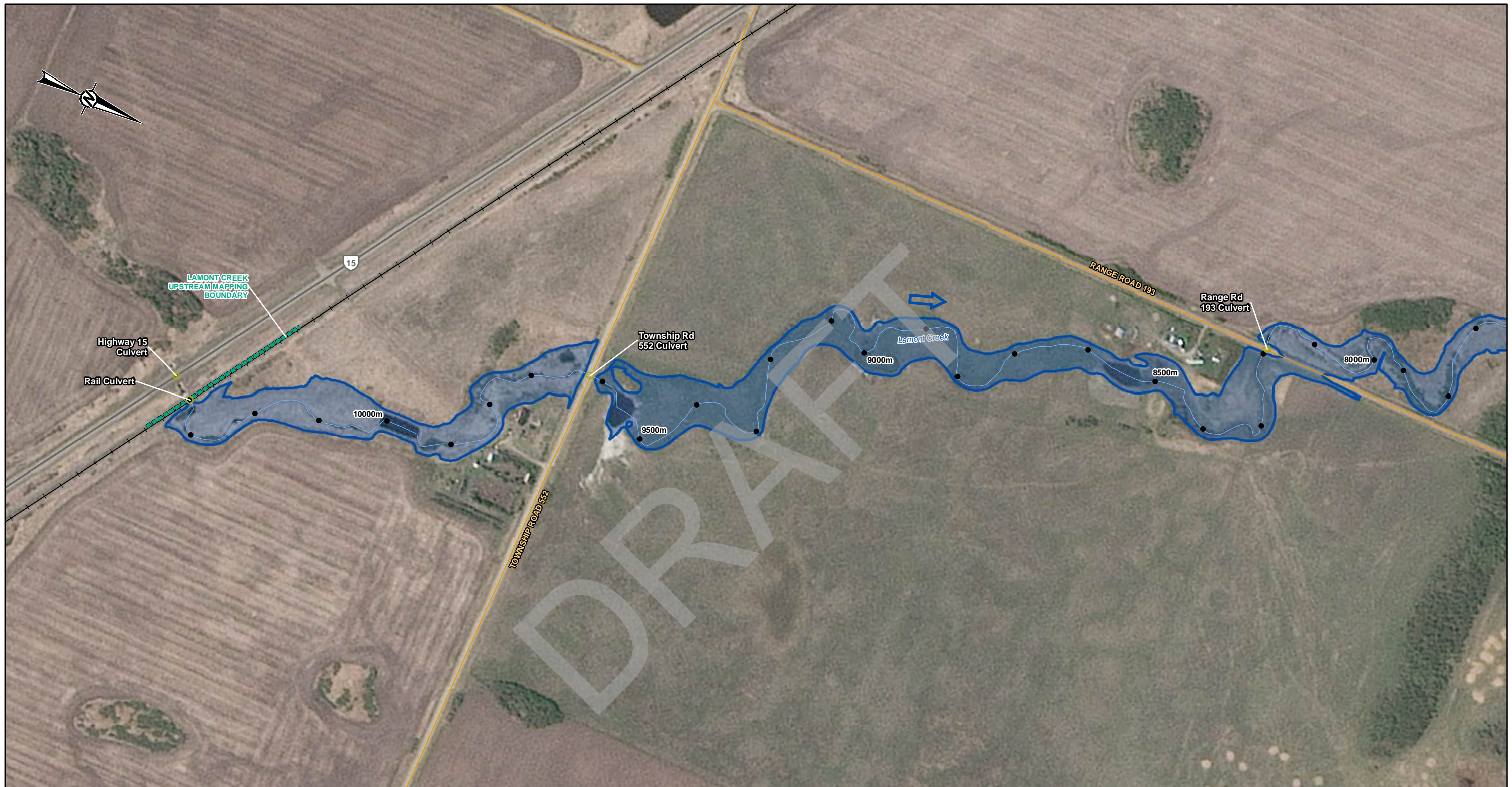
PROJECT  
LAMONT FLOOD STUDY

TITLE  
**75-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	5 OF 5

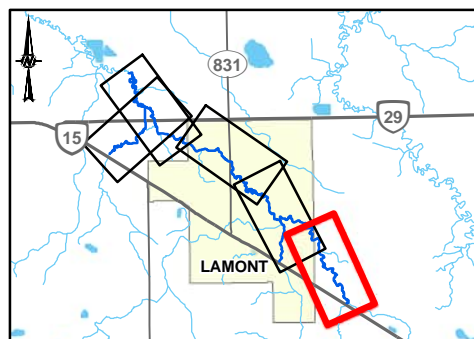
**100-YEAR FLOOD INUNDATION EXTENT**

DRAFT



SHEET 2 ↓

<b>LEGEND</b>		
●	PROFILE STATION	
—	MAPPING BOUNDARY	
→	FLOW DIRECTION	
—	LOCAL ROAD	
—	PRIMARY HIGHWAY	
—	SECONDARY HIGHWAY	
—	RAILWAY	
—	CHANNEL CENTRELINE	
<b>HYDRAULIC STRUCTURES</b>		
⬢	CULVERT	
⌄	BRIDGE	
<b>100-YEAR FLOOD INUNDATION EXTENT</b>		
■	100-YEAR FLOOD EXTENT	
<b>DISCHARGE</b>		
LAMONT CREEK UPSTREAM OF TRIBUTARY B = 10.1 m <sup>3</sup> /s		



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ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



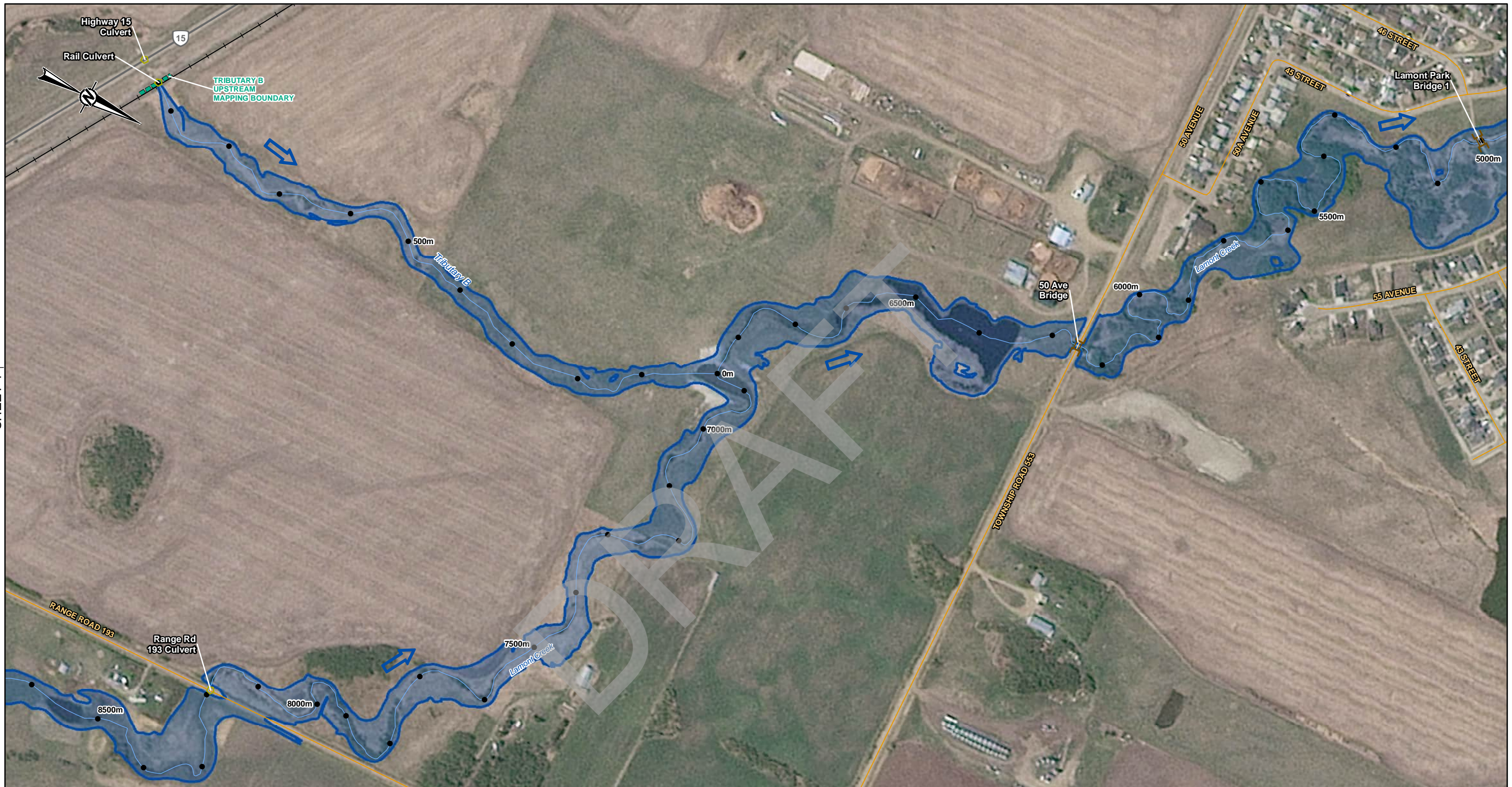
CONSULTANT	YYYY-MM-DD	2025-06-24
	DESIGNED	JC
	PREPARED	PMT
	REVIEWED	AC
	APPROVED	JC

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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**100-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	1 OF 5



SHEET 1 ↑

↓ SHEET 3

THE CLIENTS GOVERNMENT OF ALBERTA \ 3392565\_LamontMapping04\_Open Water Flood Inundation Mapping\3392565\_0100-Inundation\_RenD.mxd PRINTED ON: 2025-06-24 AT: 1:37:39 PM

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

**LEGEND**

- PROFILE STATION
- ▬ MAPPING BOUNDARY
- ➔ FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- SECONDARY HIGHWAY
- RAILWAY
- CHANNEL CENTRELINE

**HYDRAULIC STRUCTURES**

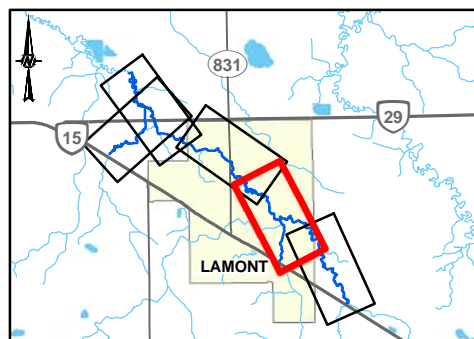
- ◻ CULVERT
- BRIDGE

**100-YEAR FLOOD INUNDATION EXTENT**

- 100-YEAR FLOOD EXTENT

**DISCHARGE**

- TRIBUTARY B = 2.76 m<sup>3</sup>/s
- LAMONT CREEK UPSTREAM OF TRIBUTARY B = 10.1 m<sup>3</sup>/s
- LAMONT CREEK BETWEEN TRIBUTARY B AND A = 12.8 m<sup>3</sup>/s



CLIENT  
 ALBERTA ENVIRONMENT  
 AND PROTECTED AREAS



CONSULTANT

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PREPARED	PMT
REVIEWED	AC
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PROJECT  
 LAMONT FLOOD STUDY

TITLE  
**100-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	2 OF 5



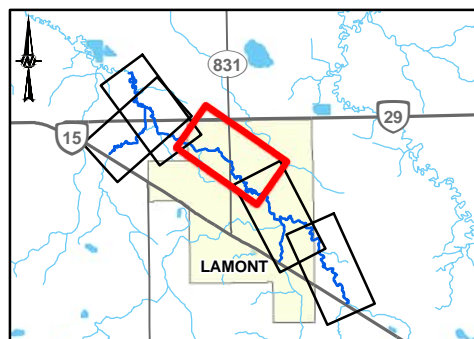
SHEET 2 ↑

↓ SHEET 4

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LEGEND	
●	PROFILE STATION
■	MAPPING BOUNDARY
➔	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
+	RAILWAY
—	CHANNEL CENTRELINE
<b>HYDRAULIC STRUCTURES</b>	
⌈	CULVERT
⌈	BRIDGE
<b>100-YEAR FLOOD INUNDATION EXTENT</b>	
■	100-YEAR FLOOD EXTENT
<b>DISCHARGE</b>	
LAMONT CREEK BETWEEN TRIBUTARY B AND A = 12.8 m <sup>3</sup> /s	



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 ALBERTA ENVIRONMENT  
 AND PROTECTED AREAS



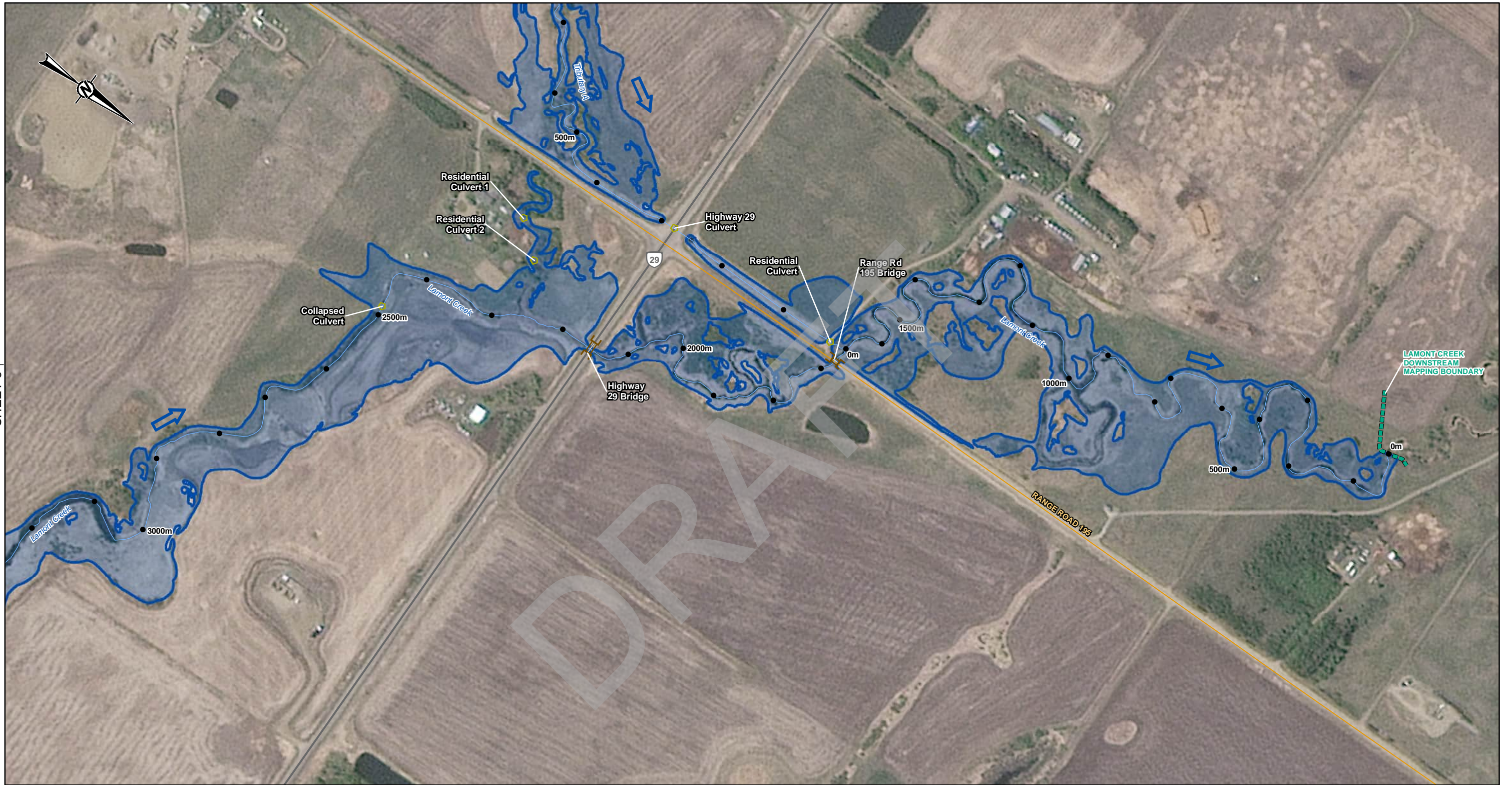
CONSULTANT	YYYY-MM-DD	2025-06-24
	DESIGNED	JC
	PREPARED	PMT
	REVIEWED	AC
	APPROVED	JC

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PROJECT  
 LAMONT FLOOD STUDY

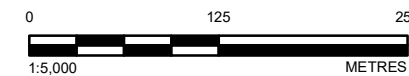
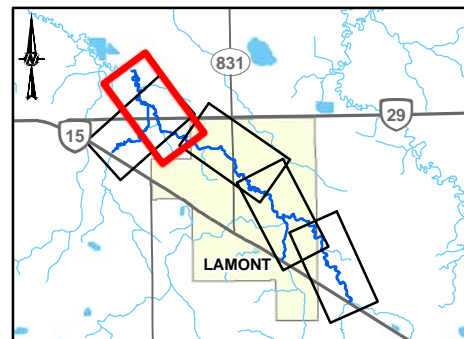
TITLE  
**100-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	3 OF 5



**LEGEND**

- PROFILE STATION
  - MAPPING BOUNDARY
  - ➔ FLOW DIRECTION
  - LOCAL ROAD
  - PRIMARY HIGHWAY
  - SECONDARY HIGHWAY
  - RAILWAY
  - CHANNEL CENTRELINE
- HYDRAULIC STRUCTURES**
- ◻ CULVERT
  - BRIDGE
- 100-YEAR FLOOD INUNDATION EXTENT**
- 100-YEAR FLOOD EXTENT
- DISCHARGE**
- TRIBUTARY A = 5.43 m<sup>3</sup>/s
  - LAMONT CREEK BETWEEN TRIBUTARY B AND A = 12.8 m<sup>3</sup>/s
  - LAMONT CREEK DOWNSTREAM OF TRIBUTARY A = 16.5 m<sup>3</sup>/s



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PROJECT  
 LAMONT FLOOD STUDY

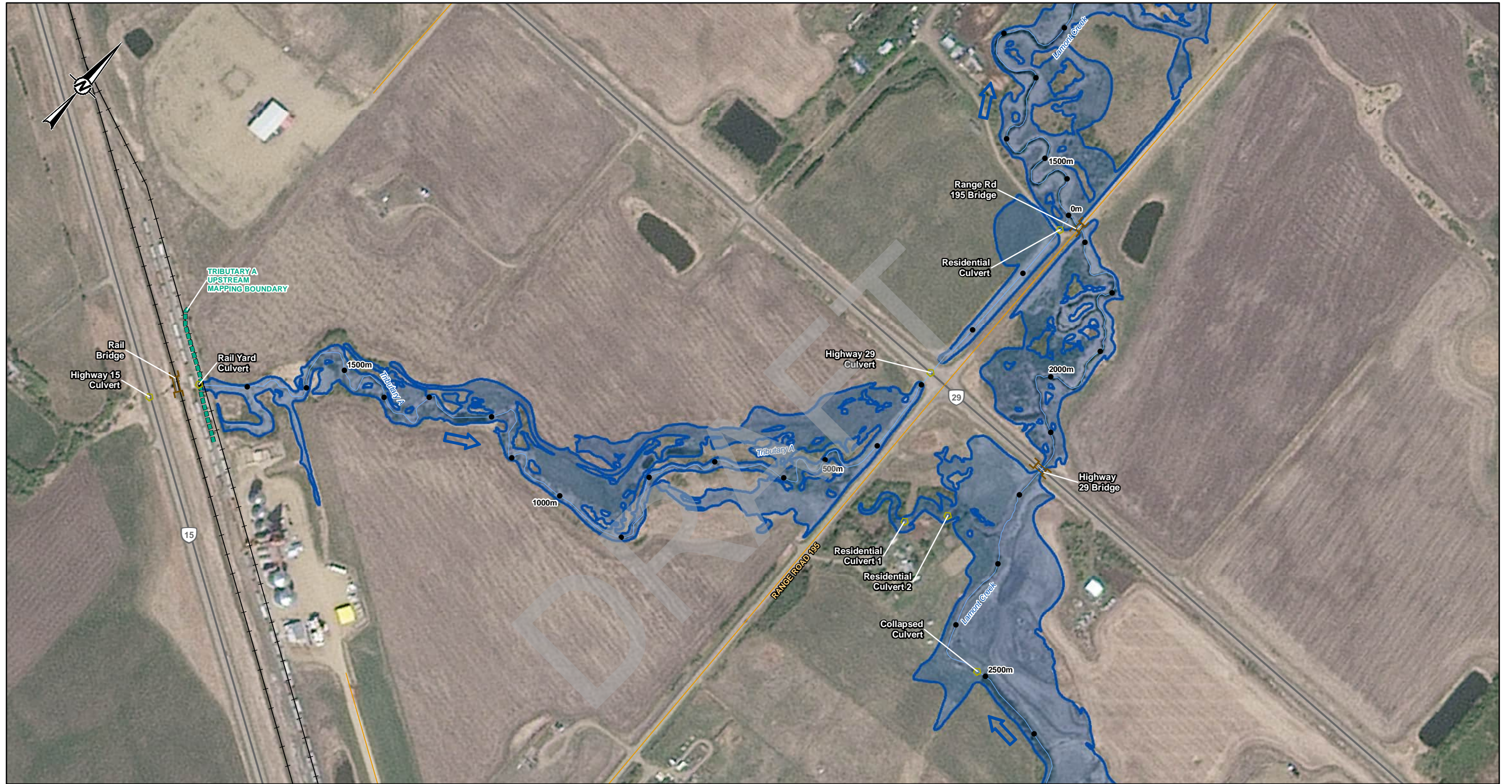
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TITLE  
**100-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	4 OF 5



**LEGEND**

- PROFILE STATION
- ▬ MAPPING BOUNDARY
- ➔ FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- SECONDARY HIGHWAY
- RAILWAY
- CHANNEL CENTRELINE

**HYDRAULIC STRUCTURES**

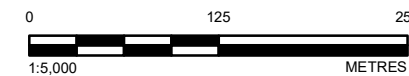
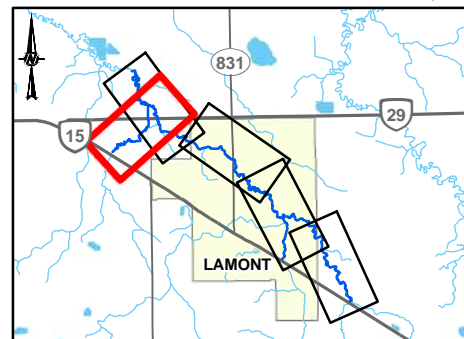
- ◻ CULVERT
- BRIDGE

**100-YEAR FLOOD INUNDATION EXTENT**

- 100-YEAR FLOOD EXTENT

**DISCHARGE**

TRIBUTARY A = 5.43 m<sup>3</sup>/s  
 LAMONT CREEK BETWEEN TRIBUTARY B AND A = 12.8 m<sup>3</sup>/s  
 LAMONT CREEK DOWNSTREAM OF TRIBUTARY A = 16.5 m<sup>3</sup>/s



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 AND PROTECTED AREAS



PROJECT  
 LAMONT FLOOD STUDY

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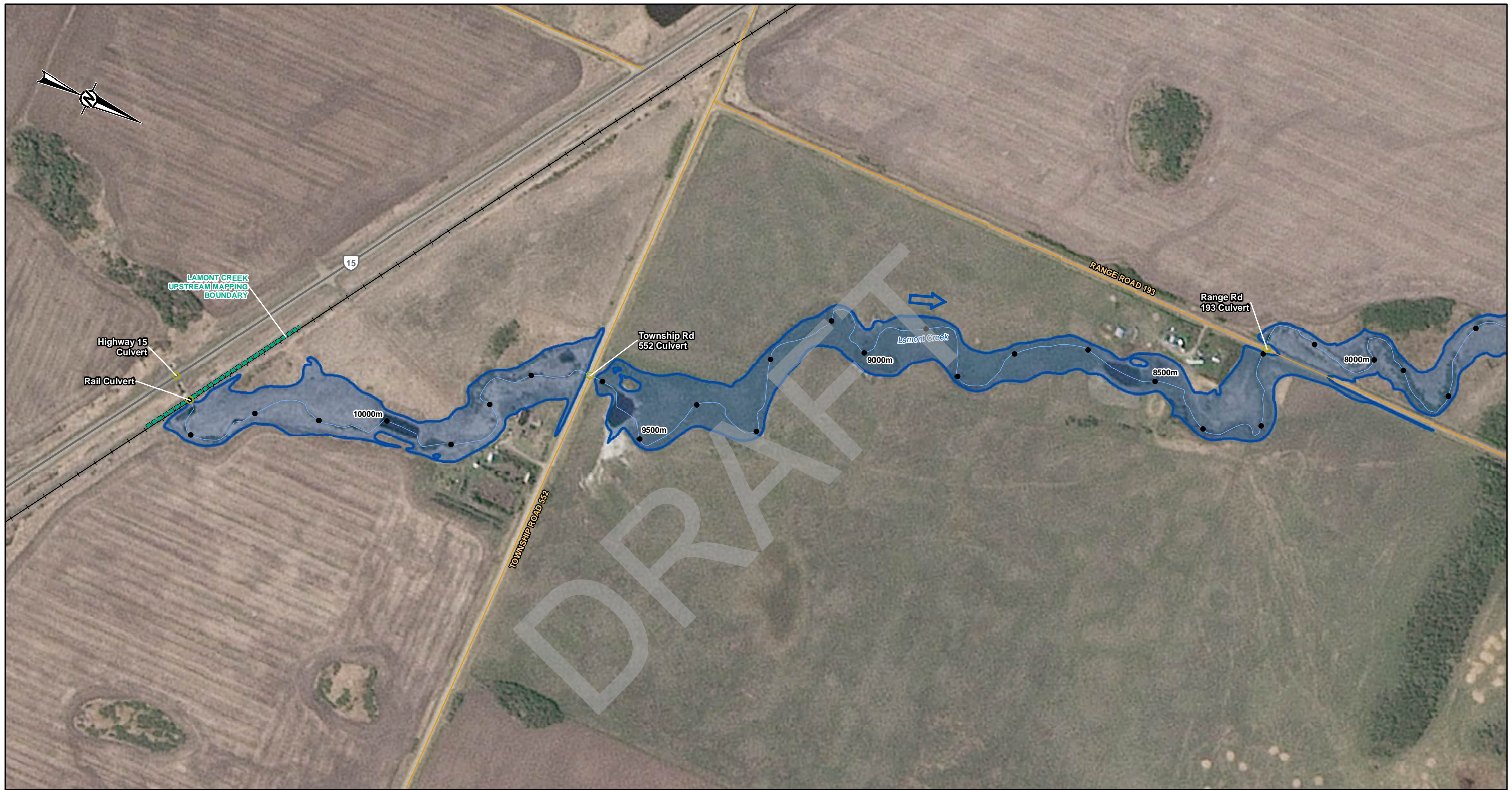
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 REVIEWED AC  
 APPROVED JC

TITLE  
**100-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO. 23592565	CONTROL -	REV. 0	FIGURE 5 OF 5
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**200-YEAR FLOOD INUNDATION EXTENT**

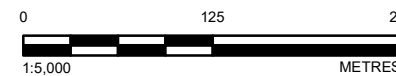
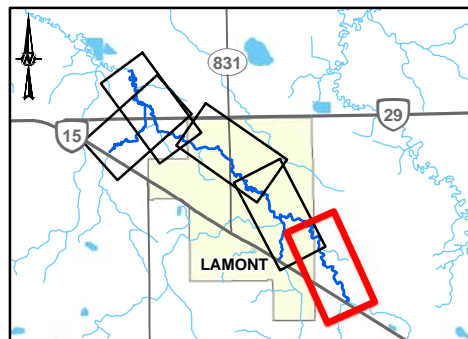
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SHEET 2 ↓

**LEGEND**

- PROFILE STATION
  - MAPPING BOUNDARY
  - ➔ FLOW DIRECTION
  - LOCAL ROAD
  - PRIMARY HIGHWAY
  - SECONDARY HIGHWAY
  - RAILWAY
  - CHANNEL CENTRELINE
- HYDRAULIC STRUCTURES**
  - ◻ CULVERT
  - BRIDGE
- 200-YEAR FLOOD INUNDATION EXTENT**
  - 200-YEAR FLOOD EXTENT
- DISCHARGE**  
LAMONT CREEK UPSTREAM OF TRIBUTARY B = 13.3 m<sup>3</sup>/s



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AND PROTECTED AREAS



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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**200-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO. 23592565	CONTROL -	REV. 0	FIGURE 1 OF 5
-------------------------	--------------	-----------	------------------



SHEET 1 ↑

↓ SHEET 3

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**LEGEND**

- PROFILE STATION
- ▬ MAPPING BOUNDARY
- ➔ FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- SECONDARY HIGHWAY
- RAILWAY
- CHANNEL CENTRELINE

**HYDRAULIC STRUCTURES**

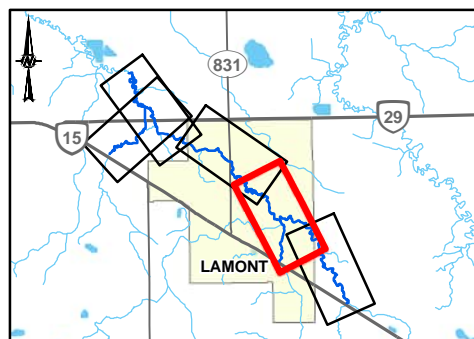
- ◻ CULVERT
- BRIDGE

**200-YEAR FLOOD INUNDATION EXTENT**

- 200-YEAR FLOOD EXTENT

**DISCHARGE**

TRIBUTARY B = 3.67 m<sup>3</sup>/s  
 LAMONT CREEK UPSTREAM OF TRIBUTARY B = 13.3 m<sup>3</sup>/s  
 LAMONT CREEK BETWEEN TRIBUTARY B AND A = 17.0 m<sup>3</sup>/s



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 ALBERTA ENVIRONMENT  
 AND PROTECTED AREAS



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PROJECT  
 LAMONT FLOOD STUDY

TITLE  
**200-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	2 OF 5



SHEET 2 ↑

↓ SHEET 4

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**LEGEND**

- PROFILE STATION
- MAPPING BOUNDARY
- ➔ FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- SECONDARY HIGHWAY
- RAILWAY
- CHANNEL CENTRELINE

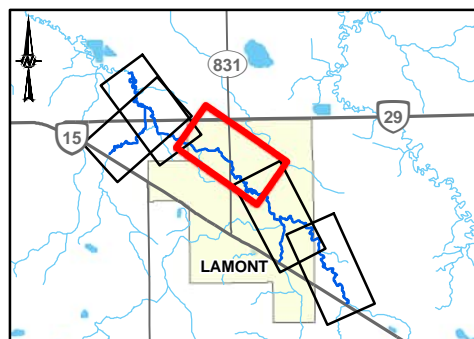
**HYDRAULIC STRUCTURES**

- ⏏ CULVERT
- ⏏ BRIDGE

**200-YEAR FLOOD INUNDATION EXTENT**

- 200-YEAR FLOOD EXTENT

**DISCHARGE**  
 LAMONT CREEK BETWEEN TRIBUTARY B AND A = 17.0 m<sup>3</sup>/s



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 ALBERTA ENVIRONMENT  
 AND PROTECTED AREAS



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PROJECT  
 LAMONT FLOOD STUDY

TITLE  
**200-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	3 OF 5

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



**LEGEND**

- PROFILE STATION
- MAPPING BOUNDARY
- ➔ FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- SECONDARY HIGHWAY
- RAILWAY
- CHANNEL CENTRELINE

**HYDRAULIC STRUCTURES**

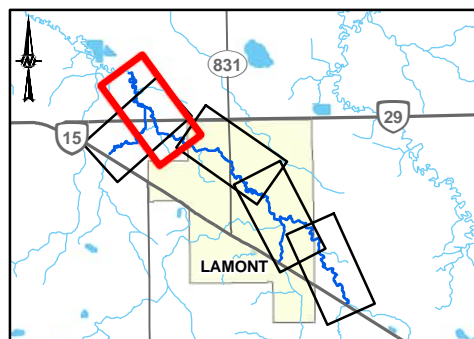
- ◻ CULVERT
- BRIDGE

**200-YEAR FLOOD INUNDATION EXTENT**

- 200-YEAR FLOOD EXTENT

**DISCHARGE**

- TRIBUTARY A = 7.20 m<sup>3</sup>/s
- LAMONT CREEK BETWEEN TRIBUTARY B AND A = 17.0 m<sup>3</sup>/s
- LAMONT CREEK DOWNSTREAM OF TRIBUTARY A = 21.8 m<sup>3</sup>/s



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ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



CONSULTANT

YYYY-MM-DD	2025-06-24
DESIGNED	JC
PREPARED	PMT
REVIEWED	AC
APPROVED	JC

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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**200-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	4 OF 5



**LEGEND**

- PROFILE STATION
- ▬ MAPPING BOUNDARY
- ➔ FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- SECONDARY HIGHWAY
- RAILWAY
- CHANNEL CENTRELINE

**HYDRAULIC STRUCTURES**

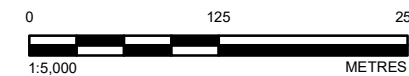
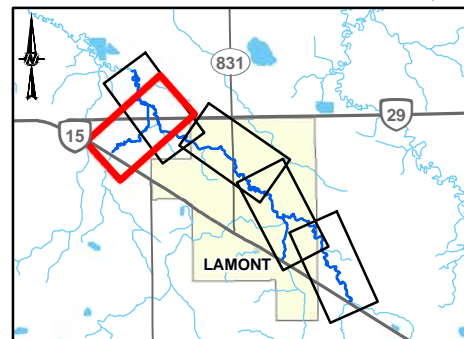
- ◻ CULVERT
- BRIDGE

**200-YEAR FLOOD INUNDATION EXTENT**

- 200-YEAR FLOOD EXTENT

**DISCHARGE**

TRIBUTARY A = 7.20 m<sup>3</sup>/s  
 LAMONT CREEK BETWEEN TRIBUTARY B AND A = 17.0 m<sup>3</sup>/s  
 LAMONT CREEK DOWNSTREAM OF TRIBUTARY A = 21.8 m<sup>3</sup>/s



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CLIENT  
 ALBERTA ENVIRONMENT  
 AND PROTECTED AREAS



PROJECT  
 LAMONT FLOOD STUDY

CONSULTANT



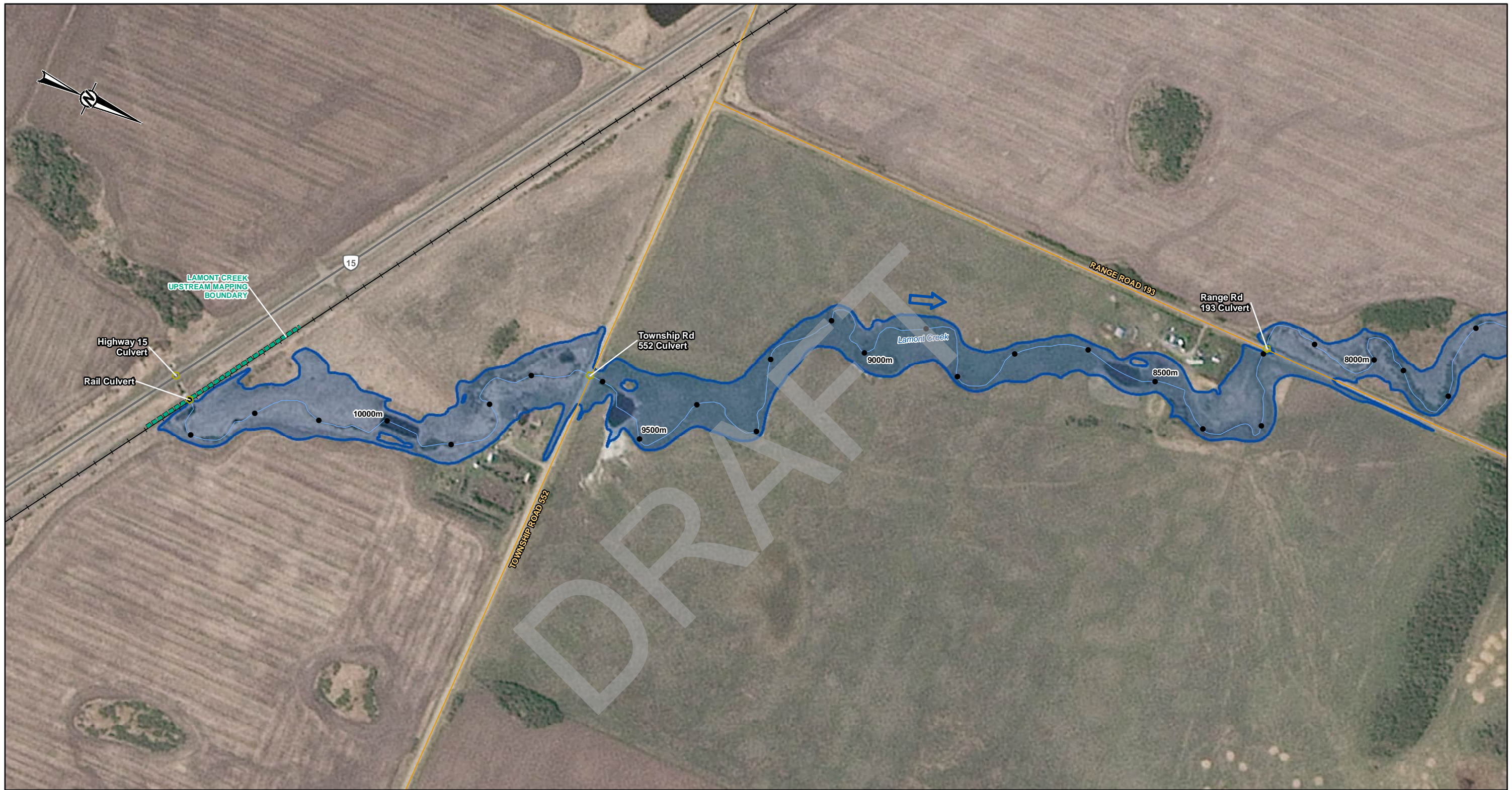
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 REVIEWED AC  
 APPROVED JC

TITLE  
**200-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	5 OF 5

**350-YEAR FLOOD INUNDATION EXTENT**

DRAFT

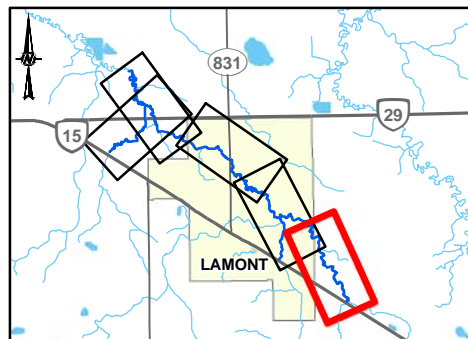


SHEET 2 ↓

**LEGEND**

- PROFILE STATION
  - MAPPING BOUNDARY
  - ➔ FLOW DIRECTION
  - LOCAL ROAD
  - PRIMARY HIGHWAY
  - SECONDARY HIGHWAY
  - RAILWAY
  - CHANNEL CENTRELINE
- HYDRAULIC STRUCTURES**
  - ◻ CULVERT
  - BRIDGE
- 350-YEAR FLOOD INUNDATION EXTENT**
  - 350-YEAR FLOOD EXTENT

**DISCHARGE**  
LAMONT CREEK UPSTREAM OF TRIBUTARY B = 16.7 m<sup>3</sup>/s



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ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



CONSULTANT



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APPROVED JC

**REFERENCE(S)**

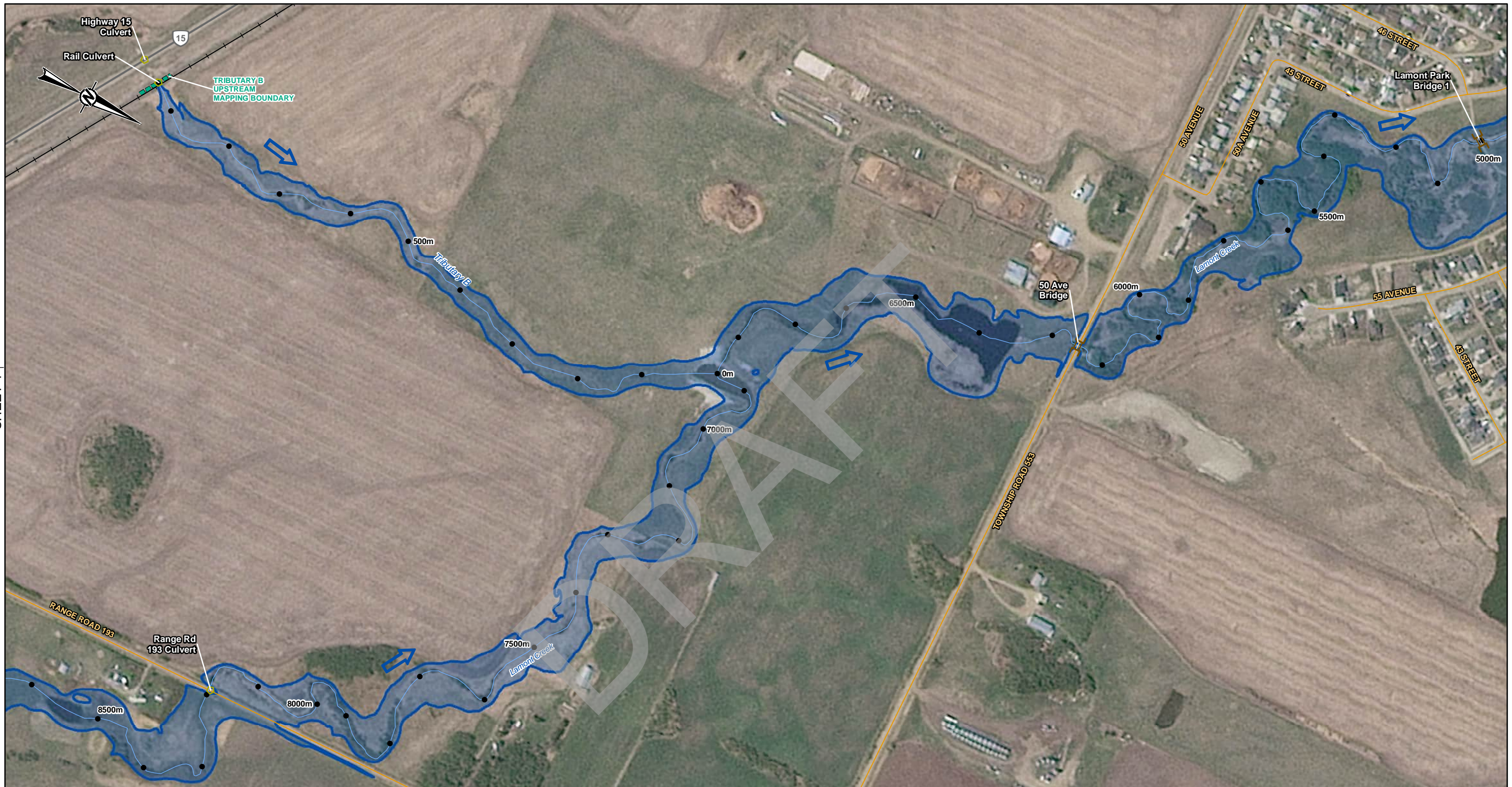
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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**350-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO. 23592565	CONTROL -	REV. 0	FIGURE 1 OF 5
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SHEET 1 ↑

SHEET 3 ↓

**LEGEND**

- PROFILE STATION
- MAPPING BOUNDARY
- ➔ FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- SECONDARY HIGHWAY
- RAILWAY
- CHANNEL CENTRELINE

**HYDRAULIC STRUCTURES**

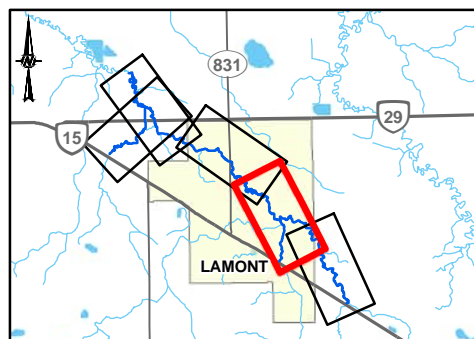
- ◻ CULVERT
- BRIDGE

**350-YEAR FLOOD INUNDATION EXTENT**

- 350-YEAR FLOOD EXTENT

**DISCHARGE**

- TRIBUTARY B = 4.59 m<sup>3</sup>/s
- LAMONT CREEK UPSTREAM OF TRIBUTARY B = 16.7 m<sup>3</sup>/s
- LAMONT CREEK BETWEEN TRIBUTARY B AND A = 21.2 m<sup>3</sup>/s



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ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



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REVIEWED	AC
APPROVED	JC

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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**350-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	2 OF 5

25mm IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B



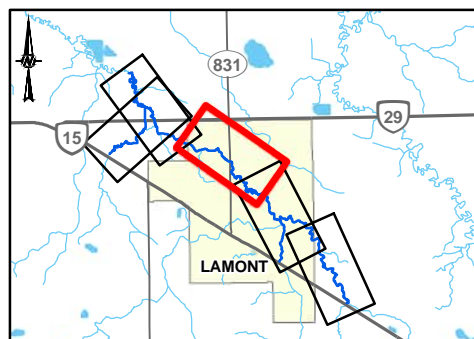
SHEET 2 ↑

↓ SHEET 4

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25mm IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

LEGEND	
●	PROFILE STATION
■	MAPPING BOUNDARY
➔	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
+	RAILWAY
—	CHANNEL CENTRELINE
<b>HYDRAULIC STRUCTURES</b>	
⌈	CULVERT
⌈	BRIDGE
<b>350-YEAR FLOOD INUNDATION EXTENT</b>	
■	350-YEAR FLOOD EXTENT
<b>DISCHARGE</b>	
LAMONT CREEK BETWEEN TRIBUTARY B AND A = 21.2 m <sup>3</sup> /s	



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ALBERTA ENVIRONMENT  
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	DESIGNED	JC
	PREPARED	PMT
	REVIEWED	AC
	APPROVED	JC

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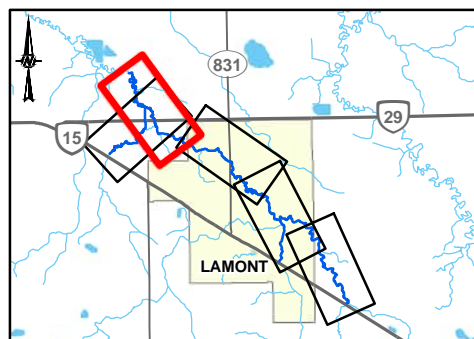
PROJECT  
LAMONT FLOOD STUDY

TITLE  
**350-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	3 OF 5



LEGEND	
●	PROFILE STATION
—	MAPPING BOUNDARY
➔	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
+	RAILWAY
—	CHANNEL CENTRELINE
HYDRAULIC STRUCTURES	
⬢	CULVERT
⌈	BRIDGE
350-YEAR FLOOD INUNDATION EXTENT	
■	350-YEAR FLOOD EXTENT
DISCHARGE	
TRIBUTARY A = 8.99 m <sup>3</sup> /s	
LAMONT CREEK BETWEEN TRIBUTARY B AND A = 21.2 m <sup>3</sup> /s	
LAMONT CREEK DOWNSTREAM OF TRIBUTARY A = 27.2 m <sup>3</sup> /s	



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PROJECT  
 LAMONT FLOOD STUDY

CONSULTANT



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TITLE  
**350-YEAR FLOOD INUNDATION EXTENT**

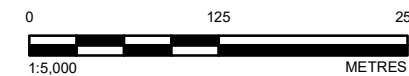
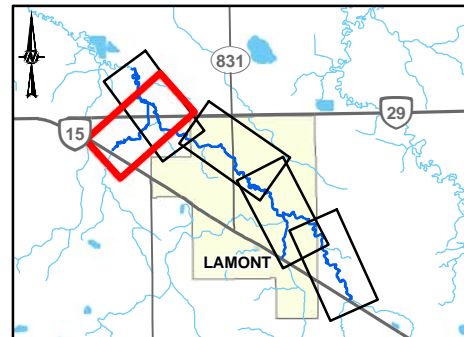
PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	4 OF 5



LEGEND		350-YEAR FLOOD INUNDATION EXTENT	
●	PROFILE STATION		350-YEAR FLOOD EXTENT
	MAPPING BOUNDARY		
	FLOW DIRECTION		
	LOCAL ROAD		
	PRIMARY HIGHWAY		
	SECONDARY HIGHWAY		
	RAILWAY		
	CHANNEL CENTRELINE		
	CULVERT		
	BRIDGE		

DISCHARGE	
TRIBUTARY A =	8.99 m <sup>3</sup> /s
LAMONT CREEK BETWEEN TRIBUTARY B AND A =	21.2 m <sup>3</sup> /s
LAMONT CREEK DOWNSTREAM OF TRIBUTARY A =	27.2 m <sup>3</sup> /s



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AND PROTECTED AREAS



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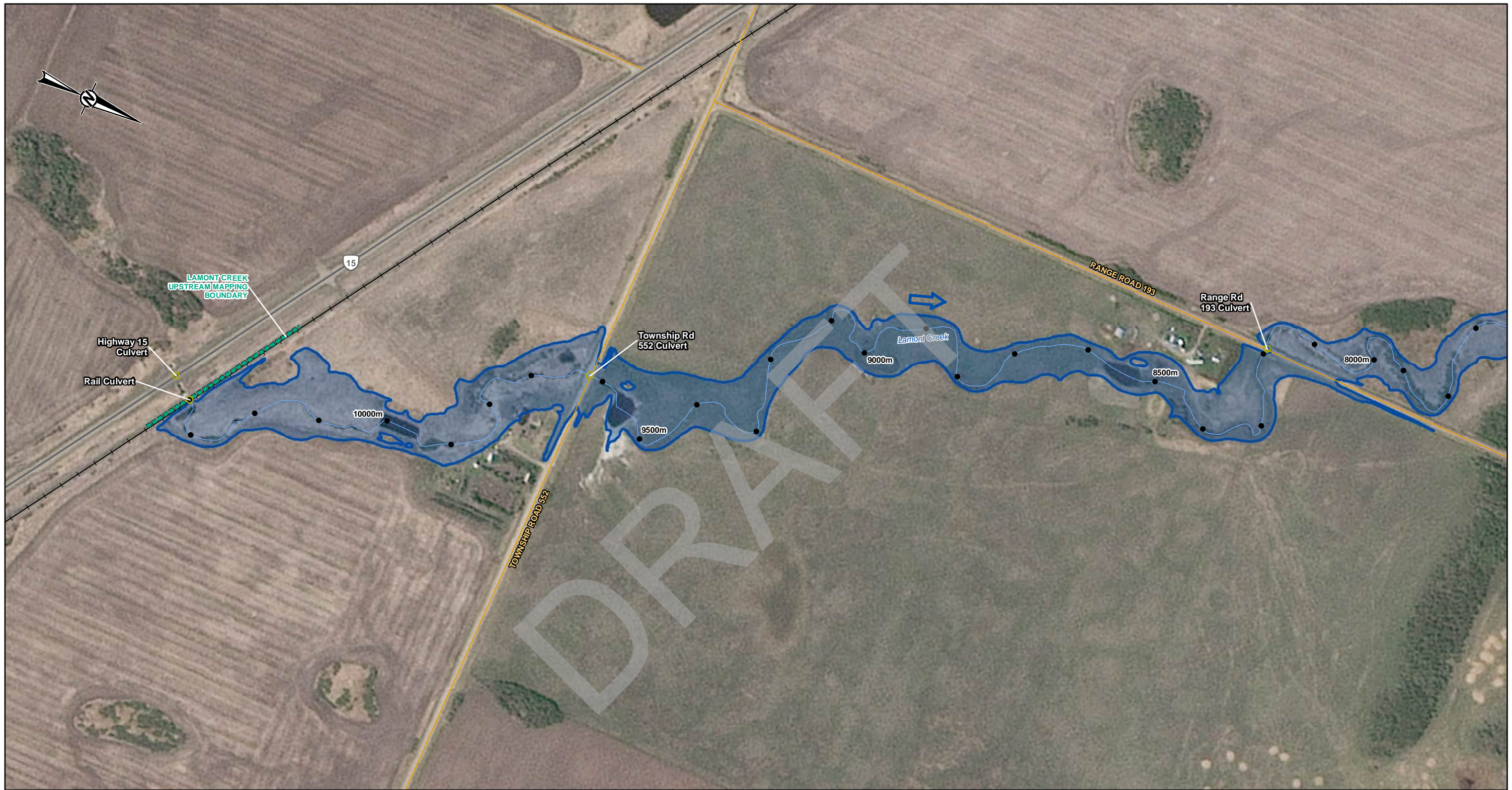
PROJECT  
LAMONT FLOOD STUDY

TITLE  
**350-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	5 OF 5

**500-YEAR FLOOD INUNDATION EXTENT**

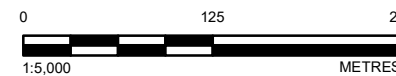
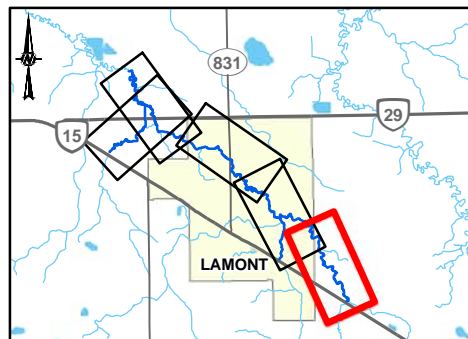
DRAFT



SHEET 2 ↓

**LEGEND**

- |                      |                             |   |
|----------------------|-----------------------------|---|
| ● PROFILE STATION    | <b>HYDRAULIC STRUCTURES</b> | <b>500-YEAR FLOOD INUNDATION EXTENT</b>                       |
| — MAPPING BOUNDARY   | ○ CULVERT                   | ■ 500-YEAR FLOOD EXTENT                                       |
| ➔ FLOW DIRECTION     | — BRIDGE                    |   |
| — LOCAL ROAD         |                             | <b>DISCHARGE</b>  |
| — PRIMARY HIGHWAY    |                             | LAMONT CREEK UPSTREAM OF TRIBUTARY B = 19.1 m <sup>3</sup> /s |
| — SECONDARY HIGHWAY  |                             |   |
| — RAILWAY            |                             |   |
| — CHANNEL CENTRELINE |                             |   |



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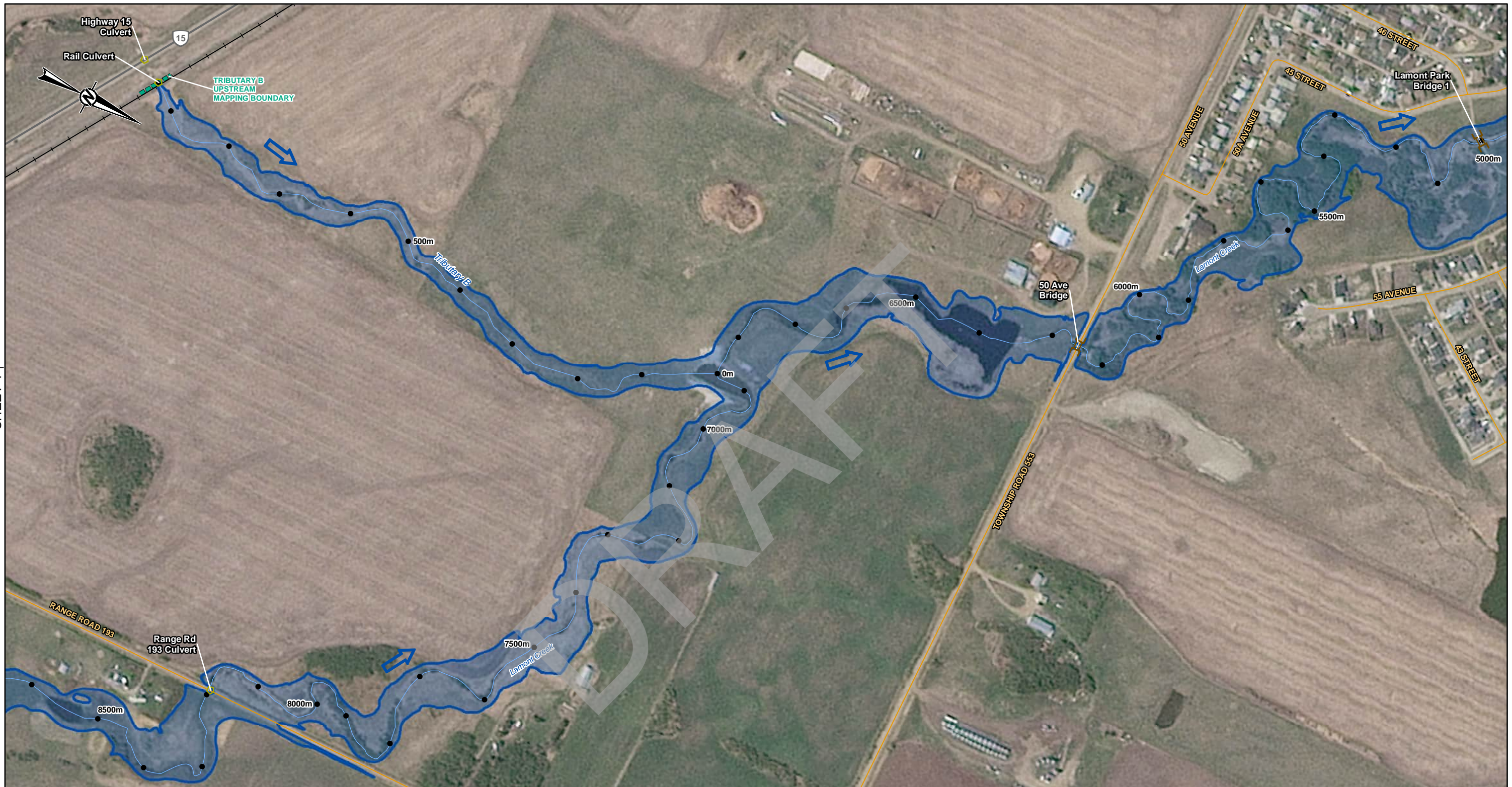
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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**500-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	1 OF 5

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SHEET 1 ↑

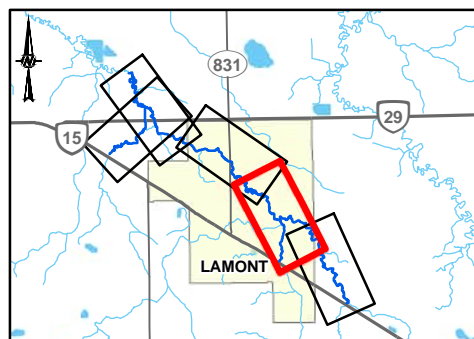
SHEET 3 ↓

**LEGEND**

●	PROFILE STATION		500-YEAR FLOOD INUNDATION EXTENT
	MAPPING BOUNDARY		CULVERT
	FLOW DIRECTION		BRIDGE
	LOCAL ROAD		500-YEAR FLOOD EXTENT
	PRIMARY HIGHWAY		
	SECONDARY HIGHWAY		
	RAILWAY		
	CHANNEL CENTRELINE		

**DISCHARGE**

TRIBUTARY B = 5.28 m<sup>3</sup>/s  
 LAMONT CREEK UPSTREAM OF TRIBUTARY B = 19.1 m<sup>3</sup>/s  
 LAMONT CREEK BETWEEN TRIBUTARY B AND A = 24.4 m<sup>3</sup>/s



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 ALBERTA ENVIRONMENT  
 AND PROTECTED AREAS

CONSULTANT

**Alberta Canada**

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PREPARED PMT

REVIEWED AC

APPROVED JC

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PROJECT LAMONT FLOOD STUDY	
TITLE <b>500-YEAR FLOOD INUNDATION EXTENT</b>	
PROJECT NO. 23592565	CONTROL -
REV. 0	FIGURE 2 OF 5

25mm IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANS I B



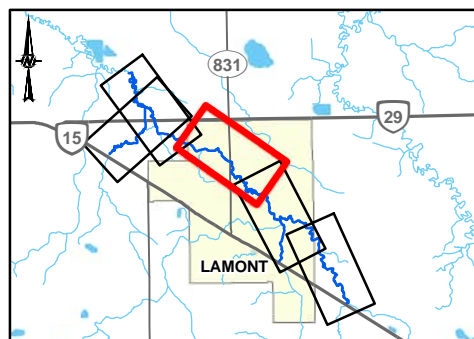
SHEET 2 ↑

↓ SHEET 4

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25mm IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

LEGEND	
●	PROFILE STATION
■	MAPPING BOUNDARY
➔	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
+	RAILWAY
—	CHANNEL CENTRELINE
<b>HYDRAULIC STRUCTURES</b>	
⌈	CULVERT
⌈	BRIDGE
<b>500-YEAR FLOOD INUNDATION EXTENT</b>	
■	500-YEAR FLOOD EXTENT
<b>DISCHARGE</b>	
LAMONT CREEK BETWEEN TRIBUTARY B AND A = 24.4 m <sup>3</sup> /s	



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 AND PROTECTED AREAS



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	PREPARED	PMT
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PROJECT  
 LAMONT FLOOD STUDY

TITLE  
**500-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	3 OF 5



**LEGEND**

- PROFILE STATION
- MAPPING BOUNDARY
- ➔ FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- SECONDARY HIGHWAY
- RAILWAY
- CHANNEL CENTRELINE

**HYDRAULIC STRUCTURES**

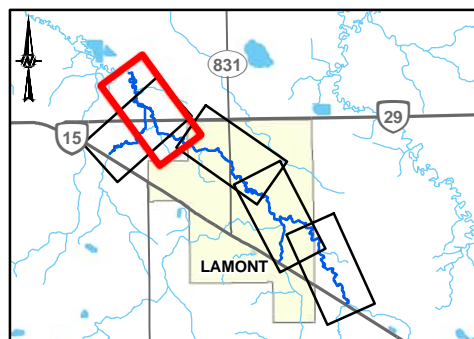
- ◻ CULVERT
- BRIDGE

**500-YEAR FLOOD INUNDATION EXTENT**

- 500-YEAR FLOOD EXTENT

**DISCHARGE**

TRIBUTARY A = 10.3 m<sup>3</sup>/s  
 LAMONT CREEK BETWEEN TRIBUTARY B AND A = 24.4 m<sup>3</sup>/s  
 LAMONT CREEK DOWNSTREAM OF TRIBUTARY A = 31.2 m<sup>3</sup>/s



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 AND PROTECTED AREAS



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PROJECT  
 LAMONT FLOOD STUDY

TITLE  
**500-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	4 OF 5



**LEGEND**

- PROFILE STATION
- ▬ MAPPING BOUNDARY
- ➔ FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- SECONDARY HIGHWAY
- RAILWAY
- CHANNEL CENTRELINE

**HYDRAULIC STRUCTURES**

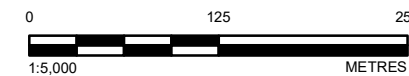
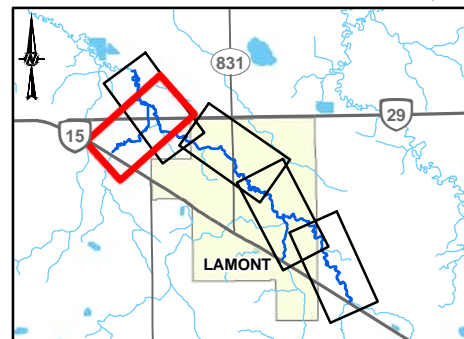
- ◻ CULVERT
- BRIDGE

**500-YEAR FLOOD INUNDATION EXTENT**

- 500-YEAR FLOOD EXTENT

**DISCHARGE**

TRIBUTARY A = 10.3 m<sup>3</sup>/s  
 LAMONT CREEK BETWEEN TRIBUTARY B AND A = 24.4 m<sup>3</sup>/s  
 LAMONT CREEK DOWNSTREAM OF TRIBUTARY A = 31.2 m<sup>3</sup>/s



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 AND PROTECTED AREAS



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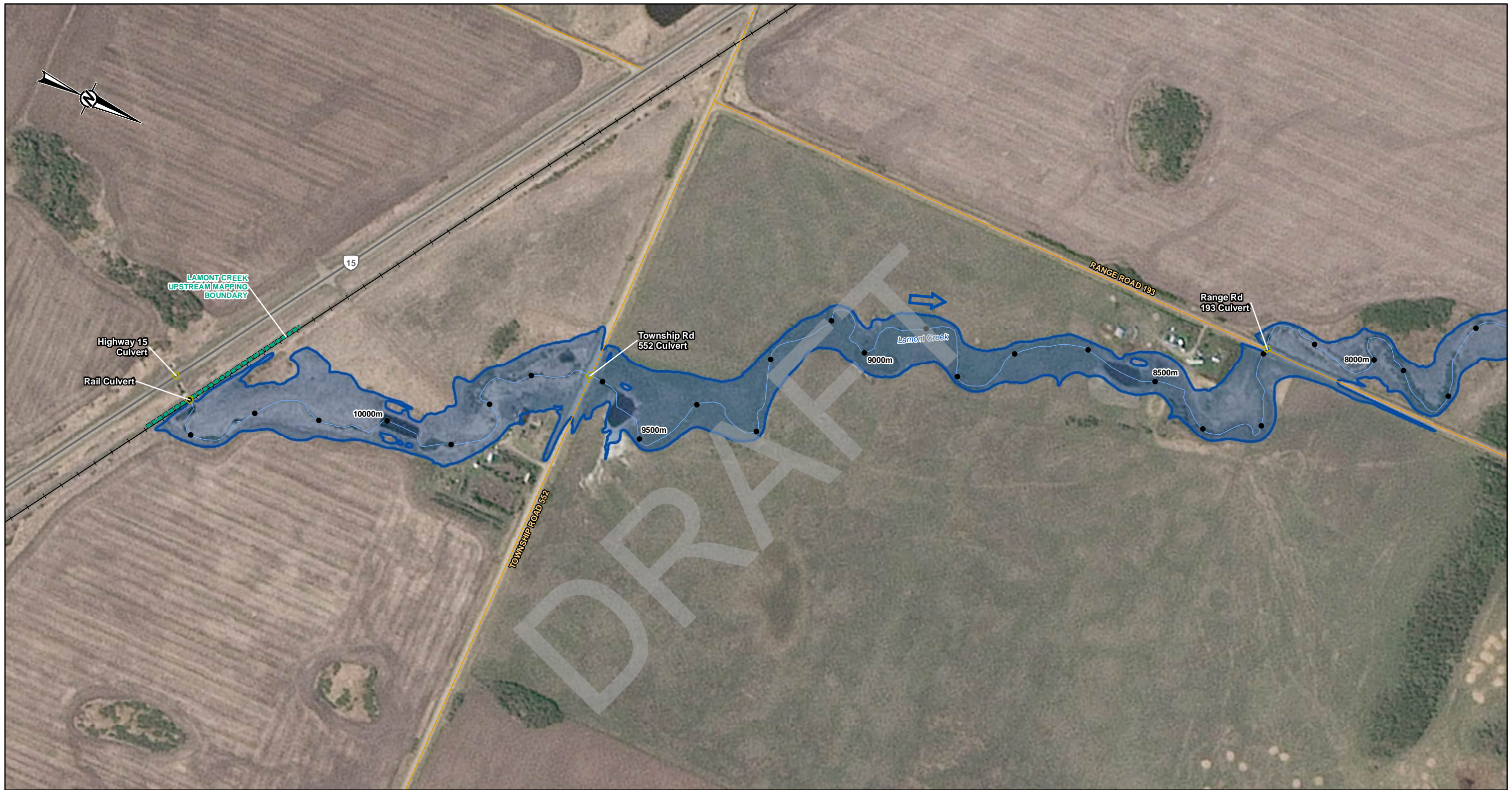
PROJECT  
 LAMONT FLOOD STUDY

TITLE  
**500-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	5 OF 5

**750-YEAR FLOOD INUNDATION EXTENT**

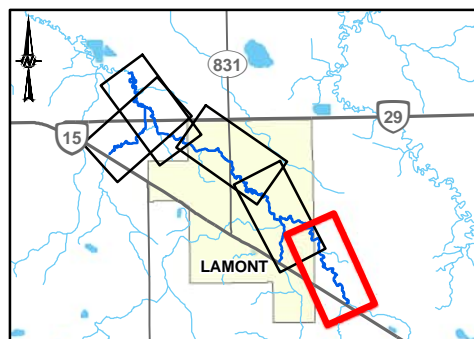
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SHEET 2 ↓

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<b>LEGEND</b>		
●	PROFILE STATION	
—	MAPPING BOUNDARY	
→	FLOW DIRECTION	
—	LOCAL ROAD	
—	PRIMARY HIGHWAY	
—	SECONDARY HIGHWAY	
—	RAILWAY	
—	CHANNEL CENTRELINE	
⬡	CULVERT	
⬡	BRIDGE	
⬡	750-YEAR FLOOD INUNDATION EXTENT	
⬡	750-YEAR FLOOD EXTENT	
<b>DISCHARGE</b>		
LAMONT CREEK UPSTREAM OF TRIBUTARY B = 22.4 m <sup>3</sup> /s		



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ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



CONSULTANT	YYYY-MM-DD	2025-06-24
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	PREPARED	PMT
	REVIEWED	AC
	APPROVED	JC

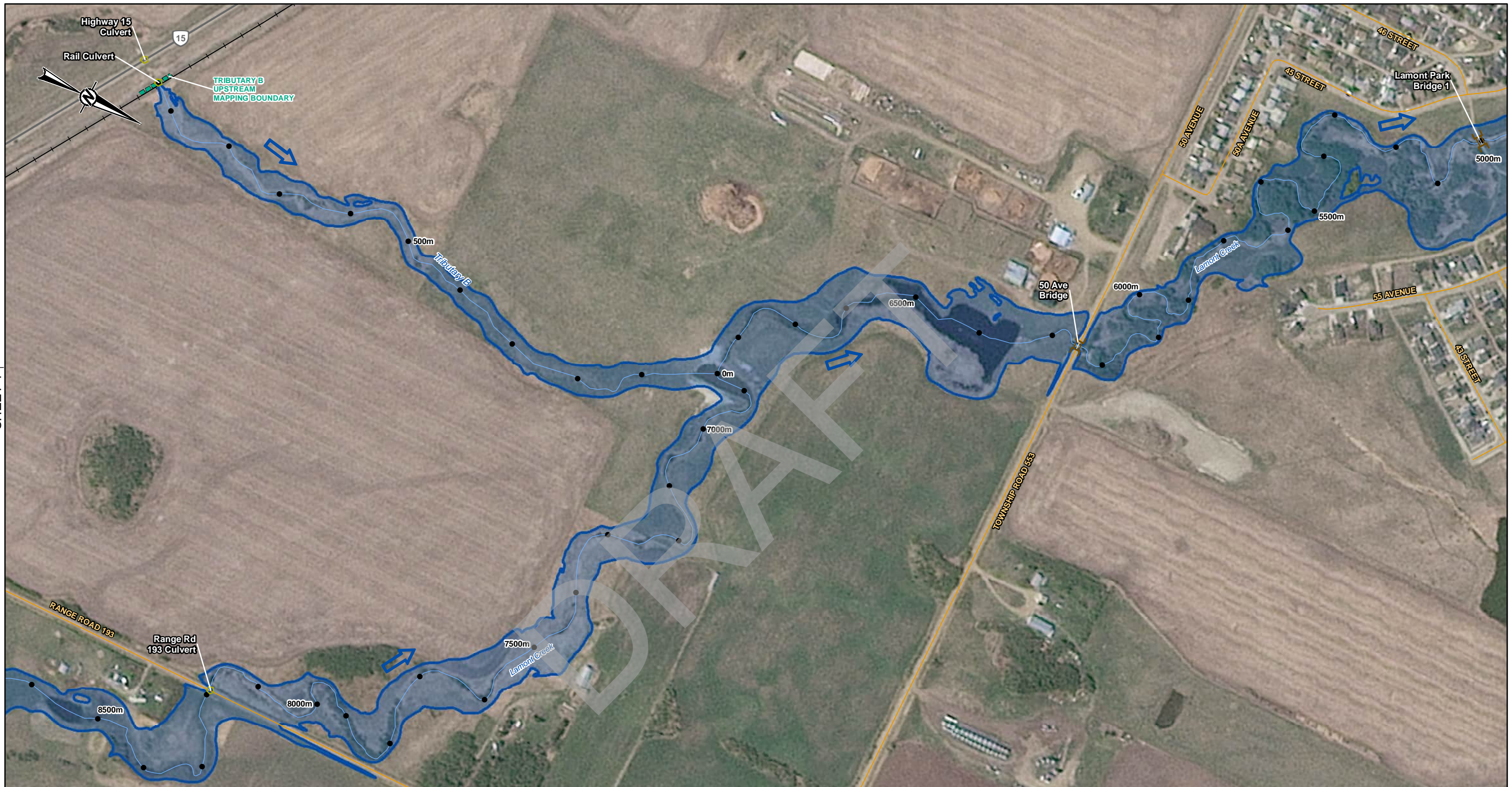
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PROJECT  
LAMONT FLOOD STUDY

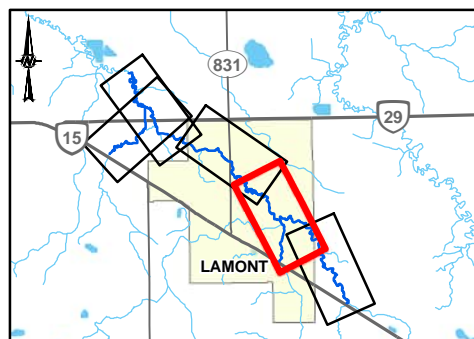
TITLE  
**750-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	1 OF 5

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B



LEGEND	
●	PROFILE STATION
—	MAPPING BOUNDARY
➔	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
+	RAILWAY
—	CHANNEL CENTRELINE
⬡	CULVERT
⬡	BRIDGE
⬡	750-YEAR FLOOD INUNDATION EXTENT
⬡	750-YEAR FLOOD EXTENT
<b>DISCHARGE</b>	
TRIBUTARY B = 6.19 m <sup>3</sup> /s	
LAMONT CREEK UPSTREAM OF TRIBUTARY B = 22.4 m <sup>3</sup> /s	
LAMONT CREEK BETWEEN TRIBUTARY B AND A = 28.6 m <sup>3</sup> /s	



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ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



CONSULTANT	
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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**750-YEAR FLOOD INUNDATION EXTENT**

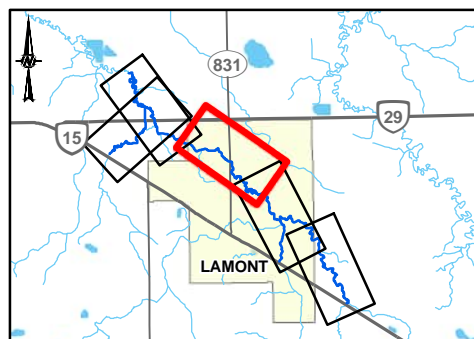
PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	2 OF 5



SHEET 2 ↑

↓ SHEET 4

<b>LEGEND</b>		
● PROFILE STATION	<b>HYDRAULIC STRUCTURES</b>	<b>750-YEAR FLOOD INUNDATION EXTENT</b>
▬ MAPPING BOUNDARY	○ CULVERT	■ 750-YEAR FLOOD EXTENT
➔ FLOW DIRECTION	▬ BRIDGE	
— LOCAL ROAD		<b>DISCHARGE</b>
— PRIMARY HIGHWAY		LAMONT CREEK BETWEEN TRIBUTARY B AND A = 28.6 m <sup>3</sup> /s
— SECONDARY HIGHWAY		
— RAILWAY		
— CHANNEL CENTRELINE		



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ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**750-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	3 OF 5



**LEGEND**

- PROFILE STATION
- MAPPING BOUNDARY
- ➔ FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- SECONDARY HIGHWAY
- RAILWAY
- CHANNEL CENTRELINE

**HYDRAULIC STRUCTURES**

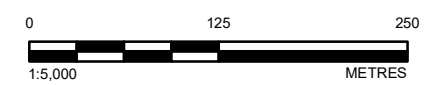
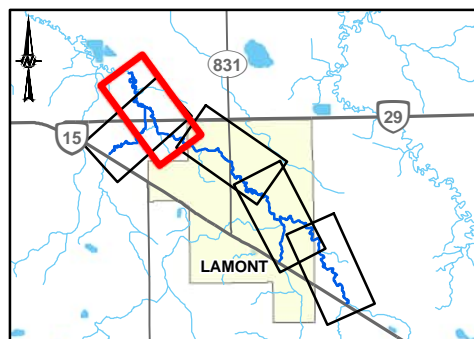
- ◻ CULVERT
- BRIDGE

**750-YEAR FLOOD INUNDATION EXTENT**

- 750-YEAR FLOOD EXTENT

**DISCHARGE**

TRIBUTARY A = 12.1 m<sup>3</sup>/s  
 LAMONT CREEK BETWEEN TRIBUTARY B AND A = 28.6 m<sup>3</sup>/s  
 LAMONT CREEK DOWNSTREAM OF TRIBUTARY A = 36.5 m<sup>3</sup>/s



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 ALBERTA ENVIRONMENT  
 AND PROTECTED AREAS



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PROJECT  
 LAMONT FLOOD STUDY

TITLE  
**750-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	4 OF 5



**LEGEND**

- PROFILE STATION
- ▬ MAPPING BOUNDARY
- ➔ FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- SECONDARY HIGHWAY
- RAILWAY
- CHANNEL CENTRELINE

**HYDRAULIC STRUCTURES**

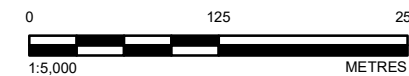
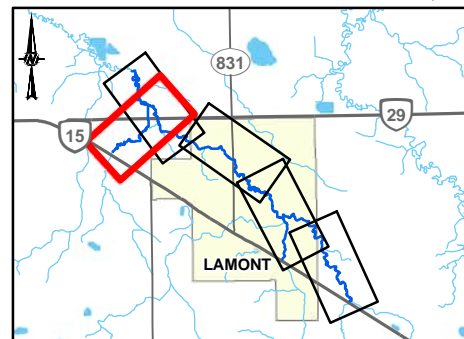
- ◻ CULVERT
- BRIDGE

**750-YEAR FLOOD INUNDATION EXTENT**

- 750-YEAR FLOOD EXTENT

**DISCHARGE**

TRIBUTARY A = 12.1 m<sup>3</sup>/s  
 LAMONT CREEK BETWEEN TRIBUTARY B AND A = 28.6 m<sup>3</sup>/s  
 LAMONT CREEK DOWNSTREAM OF TRIBUTARY A = 36.5 m<sup>3</sup>/s



CLIENT  
 ALBERTA ENVIRONMENT  
 AND PROTECTED AREAS



CONSULTANT



YYYY-MM-DD 2025-06-24  
 DESIGNED JC  
 PREPARED PMT  
 REVIEWED AC  
 APPROVED JC

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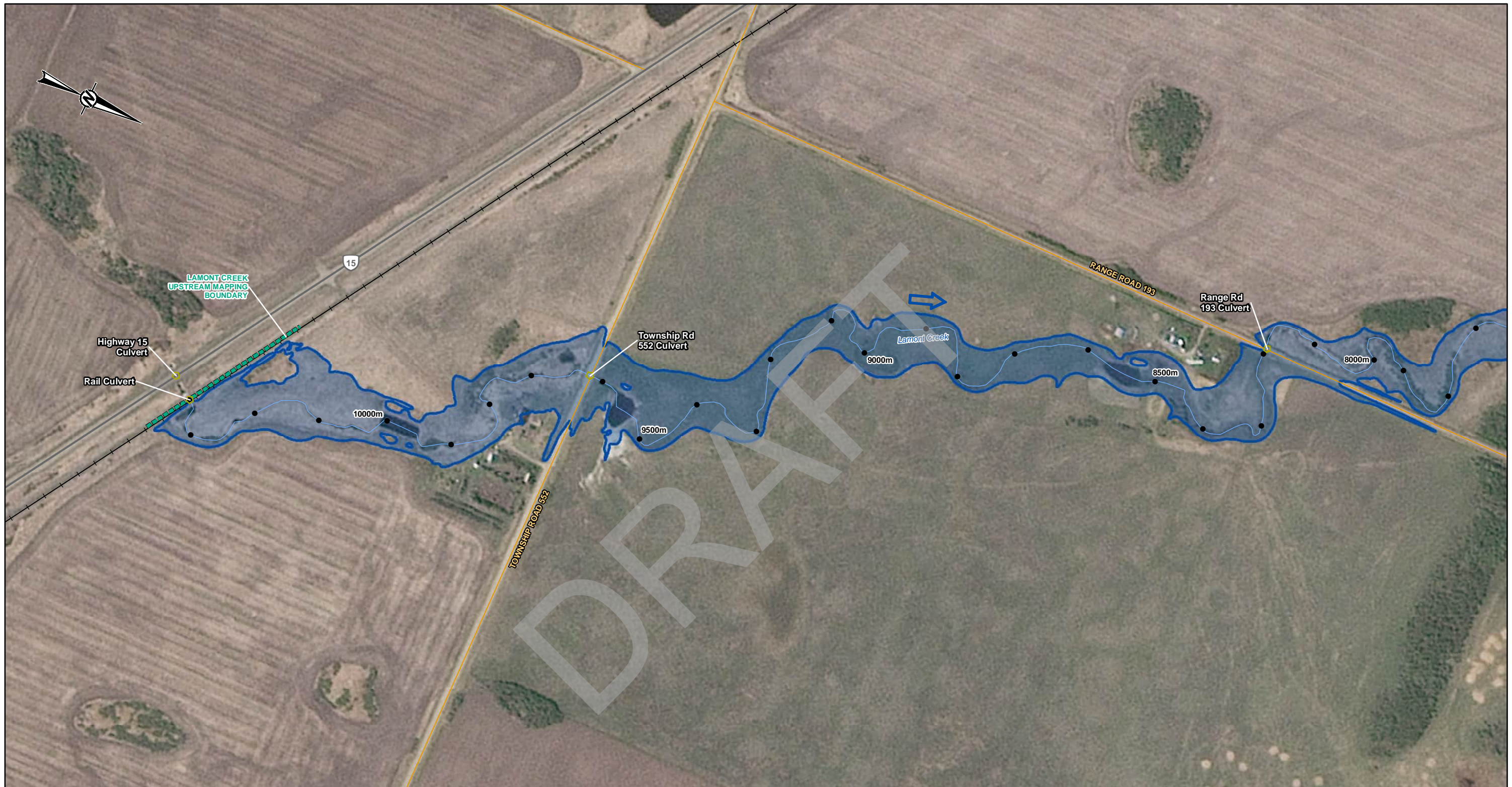
PROJECT  
 LAMONT FLOOD STUDY

TITLE  
**750-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	5 OF 5

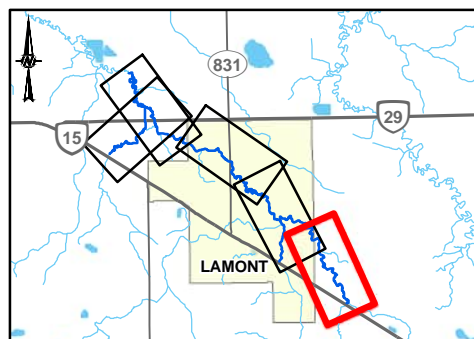
**1,000-YEAR FLOOD INUNDATION EXTENT**

DRAFT



SHEET 2 ↓

LEGEND	
●	PROFILE STATION
—	MAPPING BOUNDARY
→	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
+	RAILWAY
—	CHANNEL CENTRELINE
⬡	CULVERT
⌌	BRIDGE
■	1000-YEAR FLOOD INUNDATION EXTENT
■	1000-YEAR FLOOD EXTENT
DISCHARGE LAMONT CREEK UPSTREAM OF TRIBUTARY B = 25.0 m <sup>3</sup> /s	



CLIENT  
ALBERTA ENVIRONMENT  
AND PROTECTED AREAS



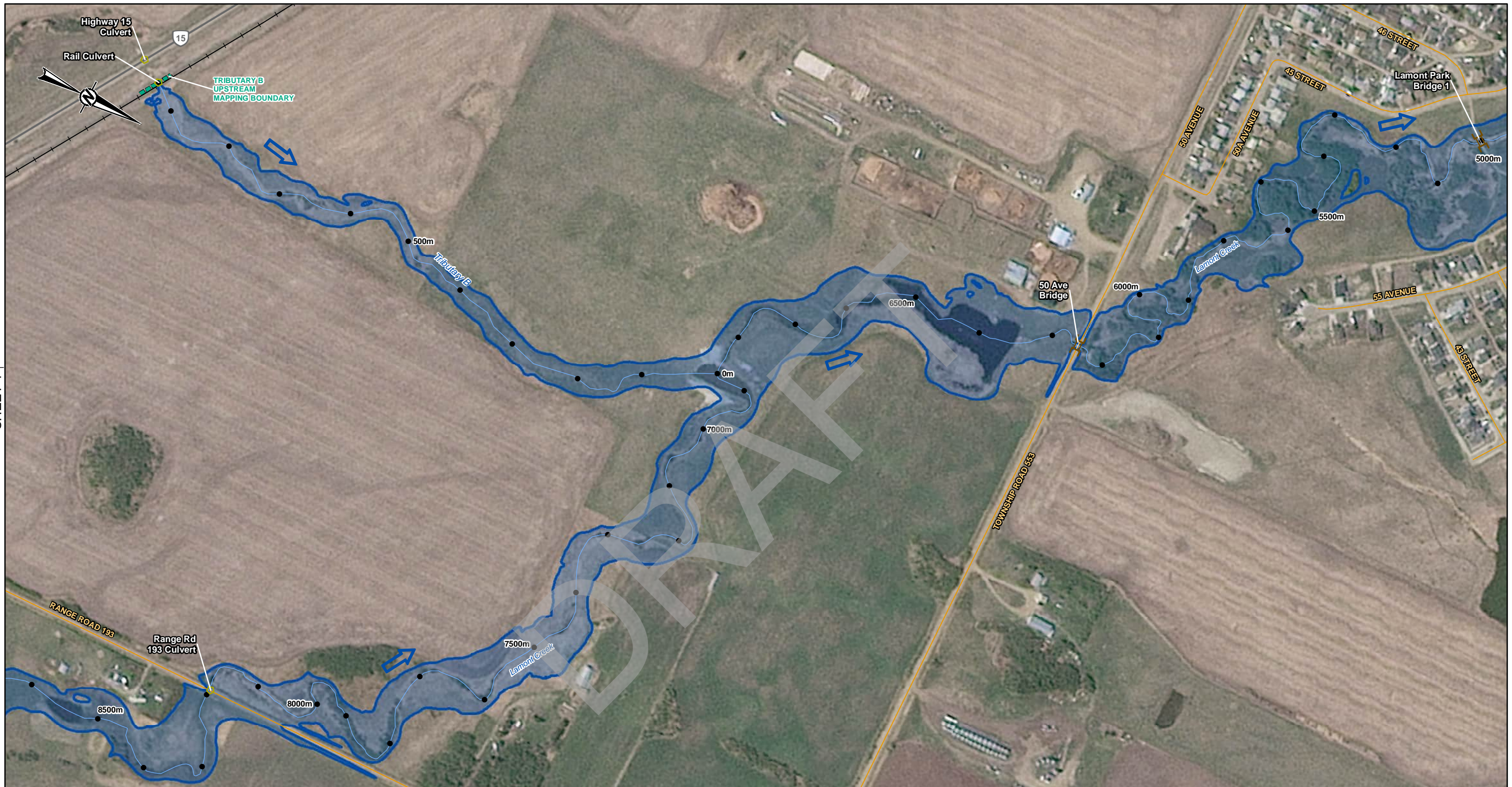
CONSULTANT	YYYY-MM-DD	2025-06-24
	DESIGNED	JC
	PREPARED	PMT
	REVIEWED	AC
	APPROVED	JC

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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**1000-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	1 OF 5



SHEET 1 ↑

↓ SHEET 3

THE CLIENTS GOVERNMENT OF ALBERTA \ 3392565\_LamontMapping04\_Open Water Flood Inundation Mapping\3392565\_LamontMapping04\_1000yrInundation\_RenD.mxd PRINTED ON: 2025-06-24 AT: 1:46:19 PM

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

**LEGEND**

- PROFILE STATION
- ▬ MAPPING BOUNDARY
- ➔ FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- SECONDARY HIGHWAY
- RAILWAY
- CHANNEL CENTRELINE

**HYDRAULIC STRUCTURES**

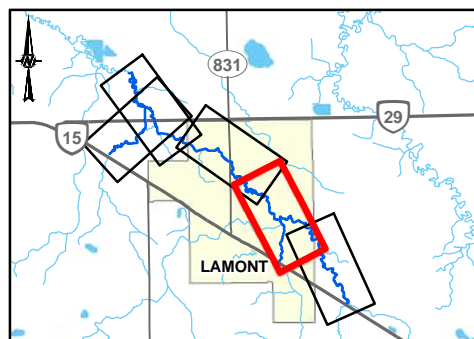
- ◻ CULVERT
- BRIDGE

**1000-YEAR FLOOD INUNDATION EXTENT**

- 1000-YEAR FLOOD EXTENT

**DISCHARGE**

- TRIBUTARY B = 6.91 m<sup>3</sup>/s
- LAMONT CREEK UPSTREAM OF TRIBUTARY B = 25.0 m<sup>3</sup>/s
- LAMONT CREEK BETWEEN TRIBUTARY B AND A = 31.9 m<sup>3</sup>/s



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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**1000-YEAR FLOOD INUNDATION EXTENT**

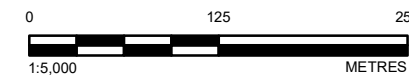
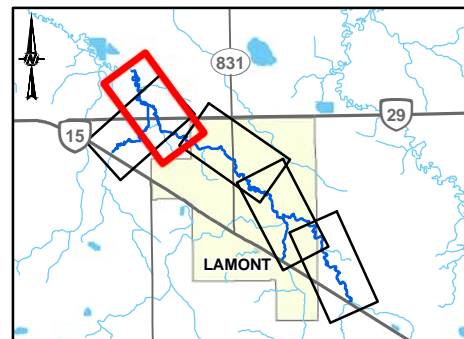
PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	2 OF 5





**LEGEND**

- PROFILE STATION
  - ▬ MAPPING BOUNDARY
  - ➔ FLOW DIRECTION
  - LOCAL ROAD
  - PRIMARY HIGHWAY
  - SECONDARY HIGHWAY
  - RAILWAY
  - CHANNEL CENTRELINE
- HYDRAULIC STRUCTURES**
- ◻ CULVERT
  - BRIDGE
- 1000-YEAR FLOOD INUNDATION EXTENT**
- 1000-YEAR FLOOD EXTENT
- DISCHARGE**
- TRIBUTARY A = 13.5 m<sup>3</sup>/s
  - LAMONT CREEK BETWEEN TRIBUTARY B AND A = 31.9 m<sup>3</sup>/s
  - LAMONT CREEK DOWNSTREAM OF TRIBUTARY A = 40.7 m<sup>3</sup>/s



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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**1000-YEAR FLOOD INUNDATION EXTENT**

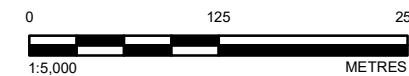
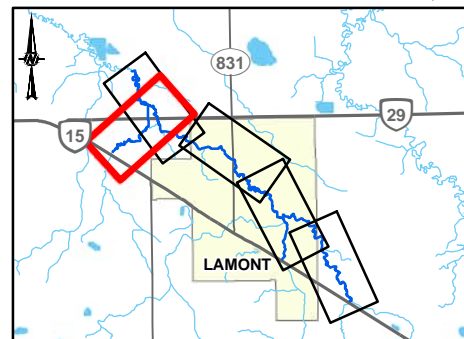
PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	4 OF 5



LEGEND		1000-YEAR FLOOD INUNDATION EXTENT	
●	PROFILE STATION		1000-YEAR FLOOD EXTENT
	MAPPING BOUNDARY		
	FLOW DIRECTION		
	LOCAL ROAD		
	PRIMARY HIGHWAY		
	SECONDARY HIGHWAY		
	RAILWAY		
	CHANNEL CENTRELINE		
	CULVERT		
	BRIDGE		

DISCHARGE	
TRIBUTARY A =	13.5 m <sup>3</sup> /s
LAMONT CREEK BETWEEN TRIBUTARY B AND A =	31.9 m <sup>3</sup> /s
LAMONT CREEK DOWNSTREAM OF TRIBUTARY A =	40.7 m <sup>3</sup> /s



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PROJECT  
LAMONT FLOOD STUDY

TITLE  
**1000-YEAR FLOOD INUNDATION EXTENT**

PROJECT NO.	CONTROL	REV.	FIGURE
23592565	-	0	5 OF 5

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