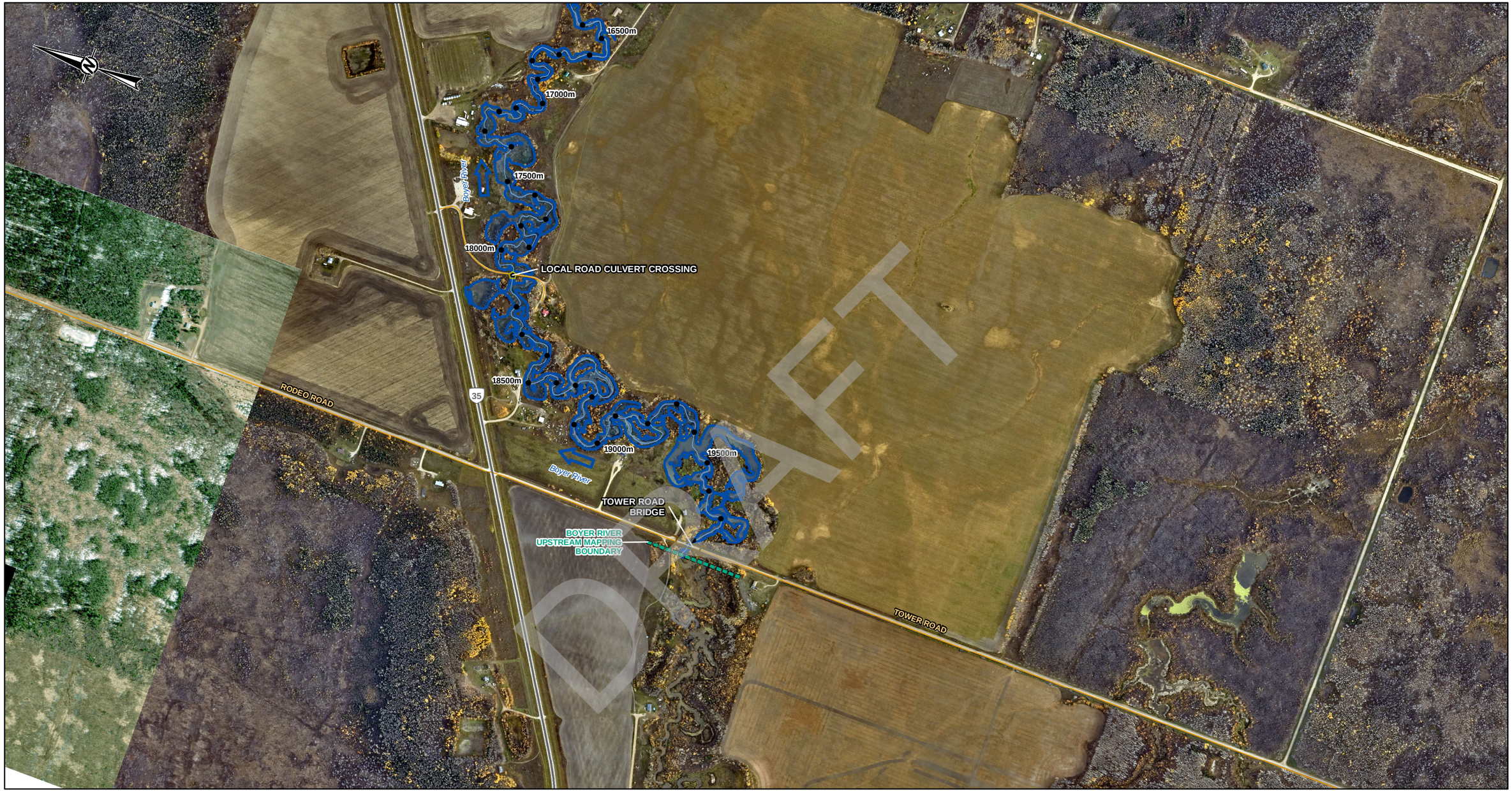
DRAFT

APPENDIX G

Open Water Inundation Maps

SHEET 2 ↑



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

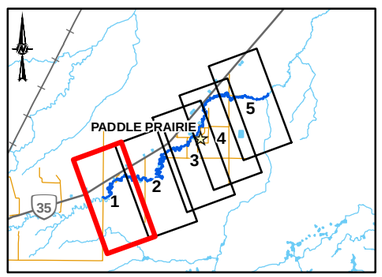
- CULVERT
- BRIDGE

2-YEAR FLOOD INUNDATION EXTENT

- 2-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 4.3 M^3/S



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CONSULTANT
WSP

YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
2-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	1 OF 5

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0002y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:19:39 AM

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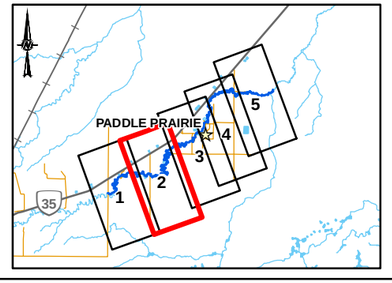
SHEET 3 ↑



SHEET 1 ↓



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

2-YEAR FLOOD INUNDATION EXTENT

- 2-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 4.3 M^3/S

0 200 400

1:10,000 METRES

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APPROVED	LH

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

2-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	2 OF 5

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

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SHEET 4 ↑



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

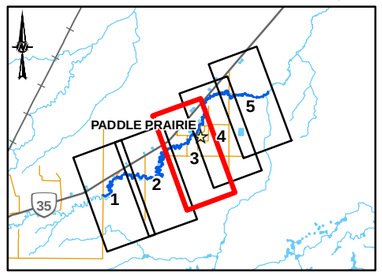
2-YEAR FLOOD INUNDATION EXTENT

- 2-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 4.3 M^3/S

SHEET 2 ↓



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PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
2-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	3 OF 5

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

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SHEET 5 ↑



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
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- CHANNEL CENTRELINE
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HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

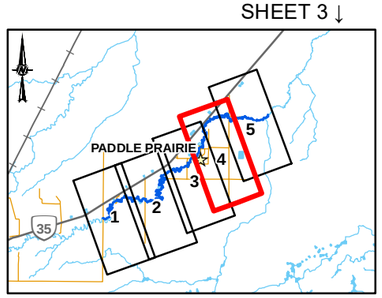
2-YEAR FLOOD INUNDATION EXTENT

- 2-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 4.3 M^3/S

SHEET 3 ↓



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1:10,000 METRES

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PREPARED	BS
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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

2-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	4 OF 5

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

25mm

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PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0002y-Inundation_Rev0.mxd PRINTED ON: 2025-03-21 AT: 11:09:49 AM

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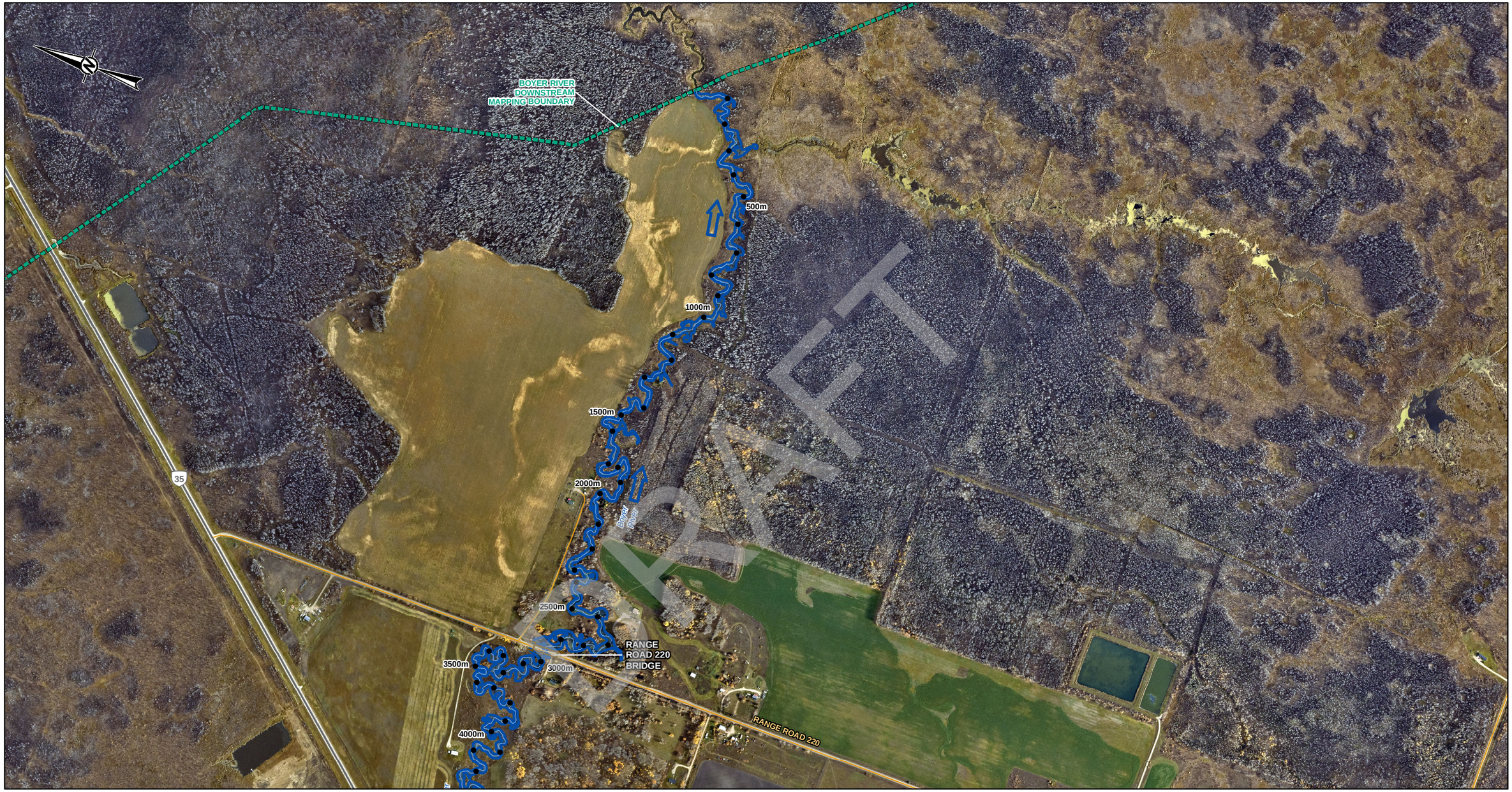

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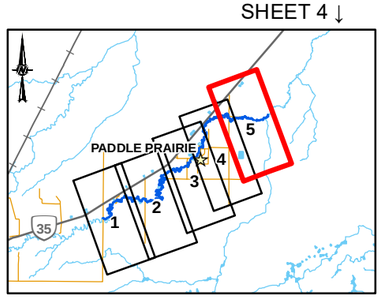

LEGEND

- PROFILE STATION
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- LOCAL ROAD
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- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

2-YEAR FLOOD INUNDATION EXTENT

- 2-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 4.3 M^3/S

0 200 400

1:10,000 METRES

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DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

2-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	5 OF 5

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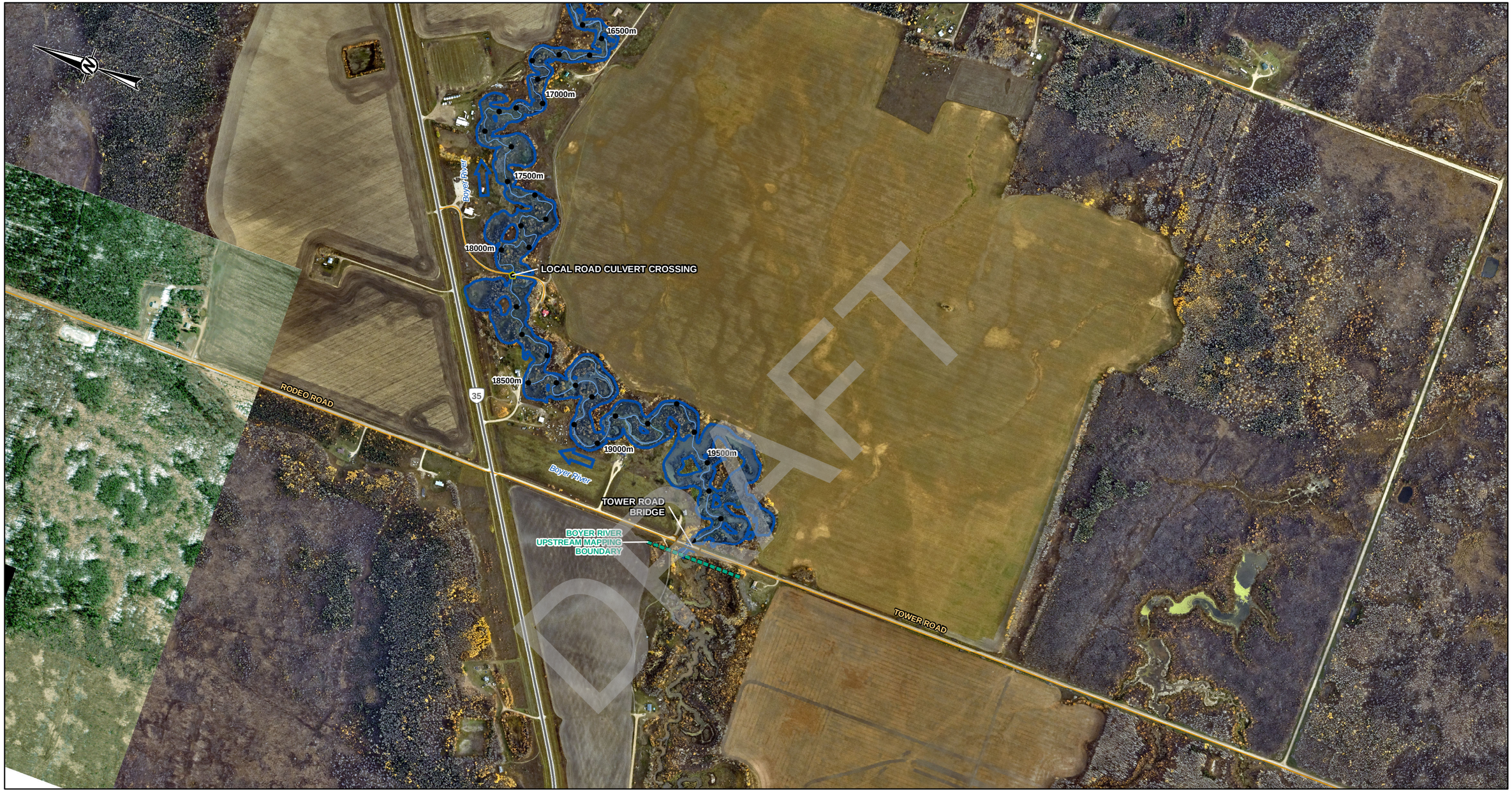

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- PROFILE STATION
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- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

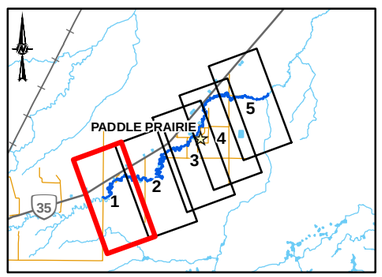
- CULVERT
- BRIDGE

5-YEAR FLOOD INUNDATION EXTENT

- 5-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 9.6 M^3/S



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1:10,000 METRES

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

5-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	1 OF 5

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\g23592570_0005y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:25:19 AM

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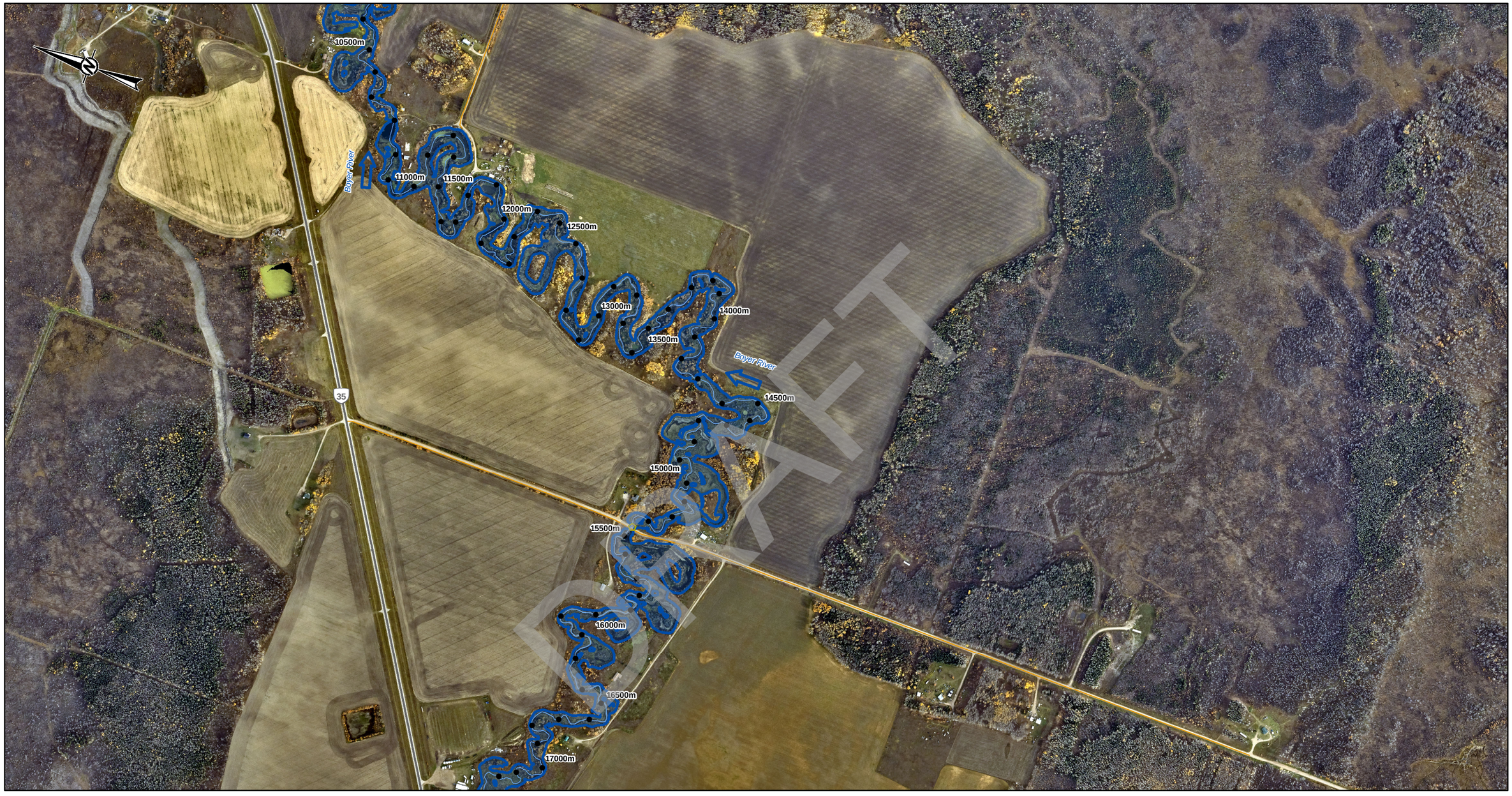


DRAFT

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

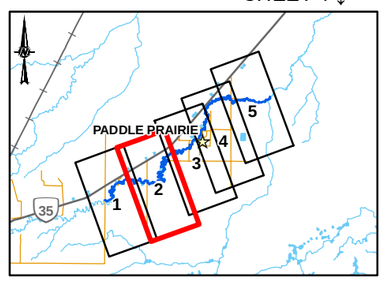
5-YEAR FLOOD INUNDATION EXTENT

- 5-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 9.6 M^3/S

SHEET 1 ↓



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PREPARED	BS
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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

5-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	2 OF 5

PATH: I:\CLIENT\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0005y-Inundation+_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:25:34 AM

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SHEET 4 ↑



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

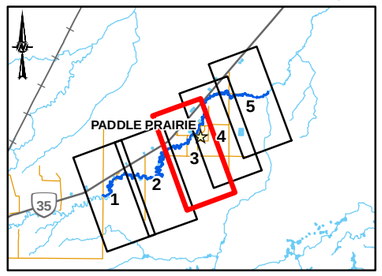
5-YEAR FLOOD INUNDATION EXTENT

- 5-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 9.6 M^3/S

SHEET 2 ↓



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ALBERTA ENVIRONMENT AND PROTECTED AREAS

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APPROVED	LH

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PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
5-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	3 OF 5

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

25mm

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PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0005y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:25:49 AM

Classification: Public

SHEET 5 ↑



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LEGEND

- PROFILE STATION
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- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
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- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

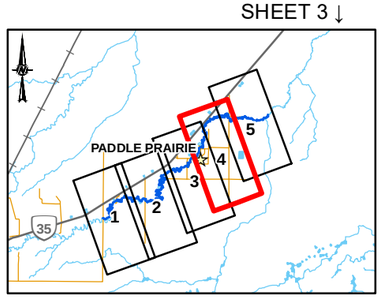
5-YEAR FLOOD INUNDATION EXTENT

- 5-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 9.6 M^3/S

SHEET 3 ↓



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1:10,000 METRES

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DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

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PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
5-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	4 OF 5

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

25mm

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PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0005y-Inundation_Rev0.mxd PRINTED ON: 2025-03-21 AT: 11:15:14 AM

Classification: Public

BOYER RIVER DOWNSTREAM MAPPING BOUNDARY

500m

1000m

1500m

2000m

2500m

3000m

3500m

4000m

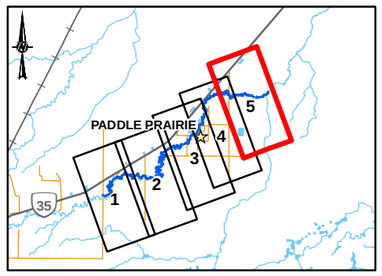
Boyer River

RANGE ROAD 220 BRIDGE

RANGE ROAD 220

35

SHEET 4 ↓



LEGEND

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HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

5-YEAR FLOOD INUNDATION EXTENT

- 5-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

BOYER RIVER = 9.6 M^3/S

0 200 400

1:10,000 METRES

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

5-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	5 OF 5

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\g23592570_0005y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:26:19 AM

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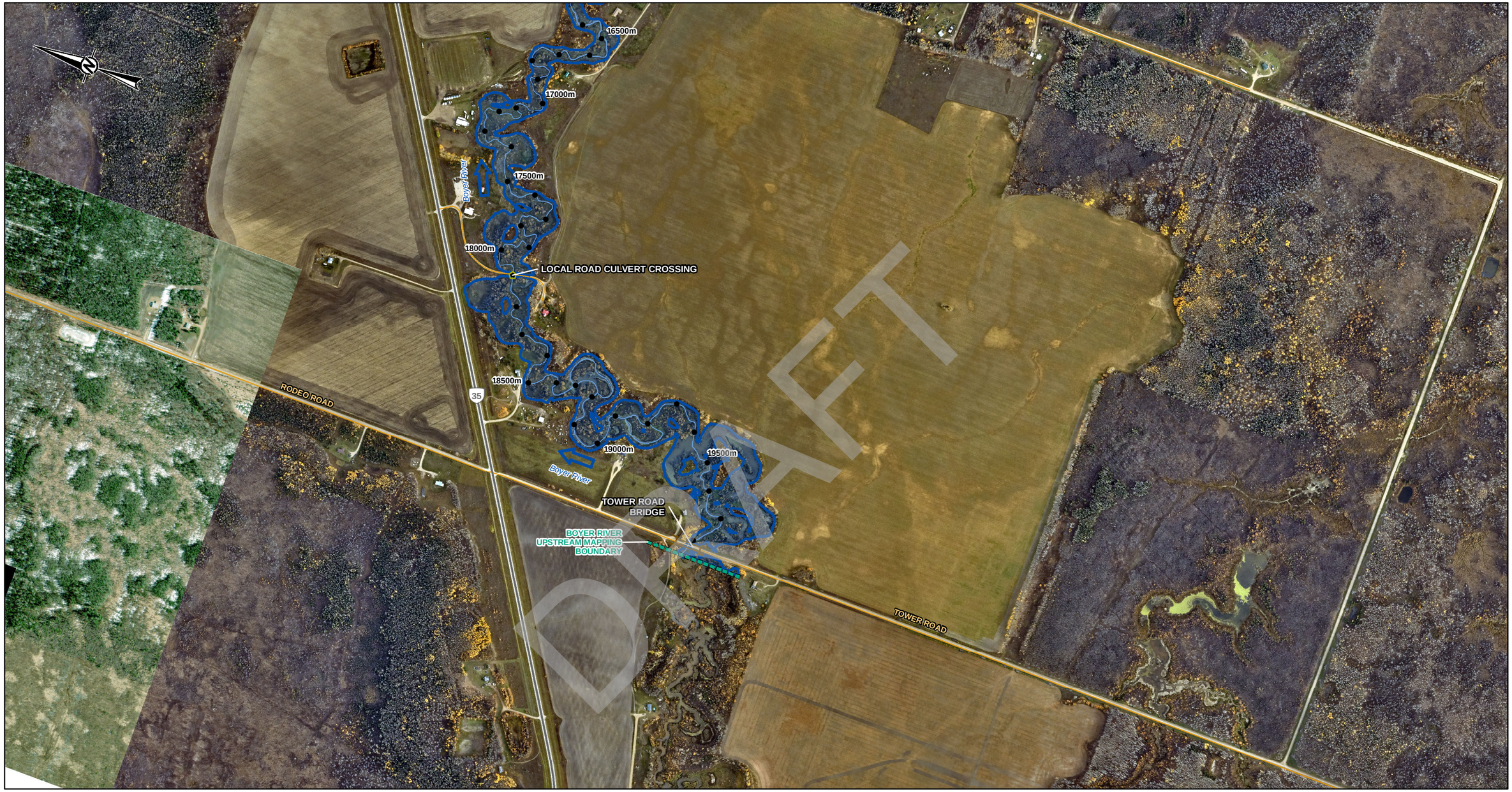
Classification: Public

SHEET 2 ↑



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

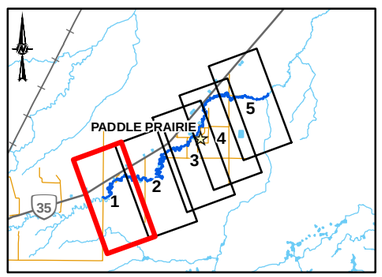
- CULVERT
- BRIDGE

10-YEAR FLOOD INUNDATION EXTENT

- 10-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 14.5 M^3/S



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DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE.

10-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	1 OF 5

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\g23592570_0010y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:25:33 AM

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25mm

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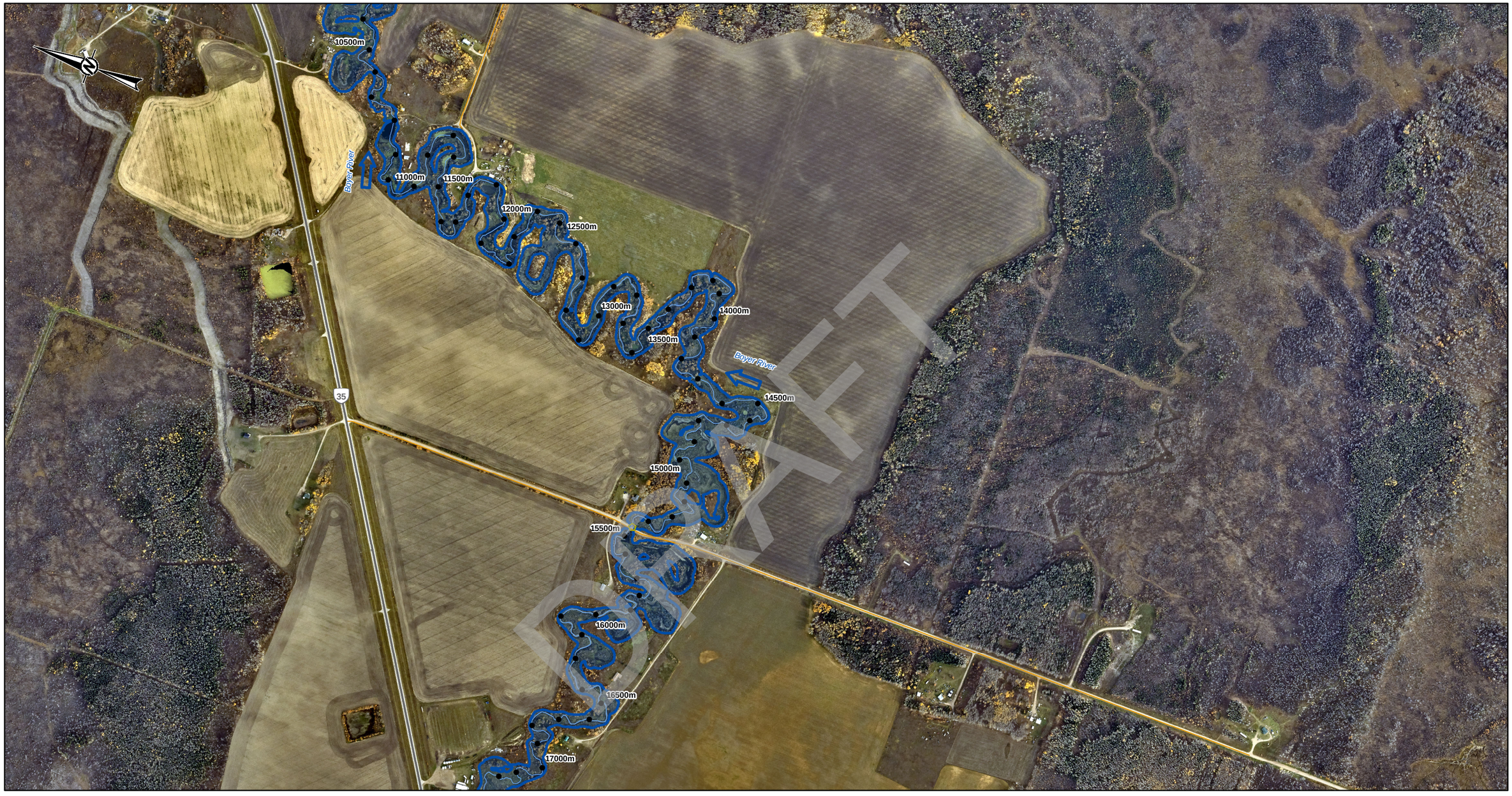
SHEET 3 ↑



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
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HYDRAULIC STRUCURES

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- BRIDGE

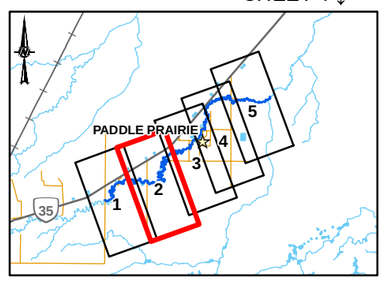
10-YEAR FLOOD INUNDATION EXTENT

- 10-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 14.5 M^3/S

SHEET 1 ↓



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CLIENT

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Alberta Canada

CONSULTANT

wsp

YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

10-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	2 OF 5

PATH: I:\CLIENT\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0010b-Inundation-_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:25:53 AM

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0 25mm

Classification: Public

SHEET 4 ↑



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
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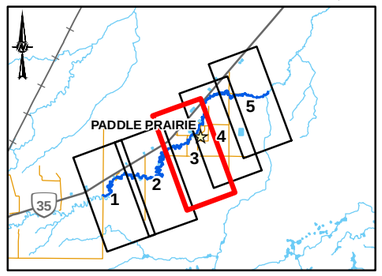
10-YEAR FLOOD INUNDATION EXTENT

- 10-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 14.5 M^3/S

SHEET 2 ↓



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PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
10-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	3 OF 5

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

25mm

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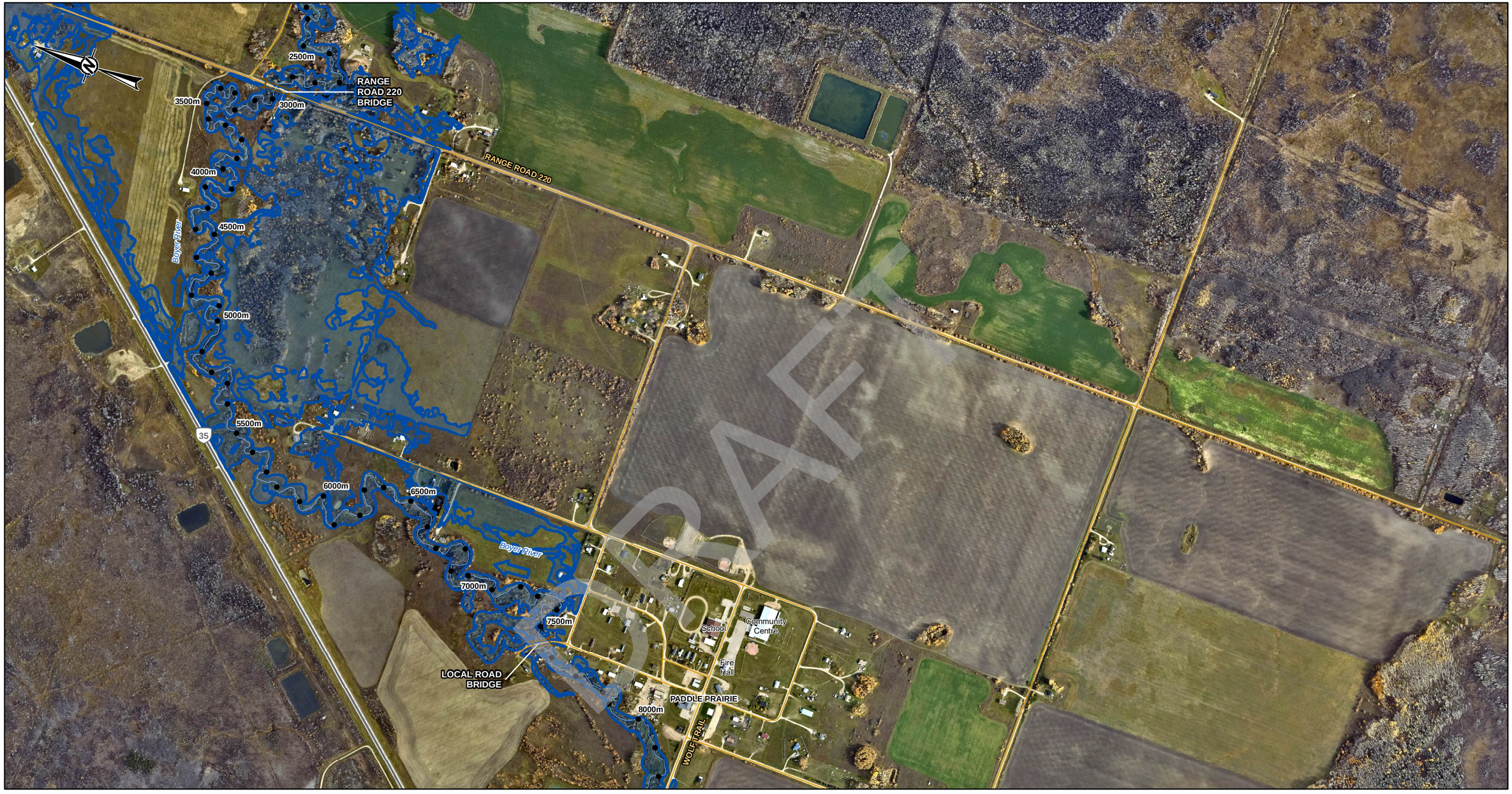
PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0010y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:26:13 AM

Classification: Public

SHEET 5 ↑



LEGEND

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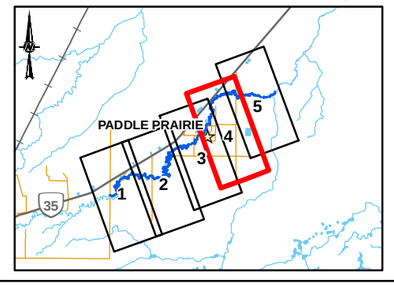
10-YEAR FLOOD INUNDATION EXTENT

- 10-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 14.5 M^3/S

SHEET 3 ↓



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1:10,000 METRES

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ALBERTA ENVIRONMENT AND PROTECTED AREAS

Alberta Canada

CONSULTANT

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YYYY-MM-DD	2025-03-21
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PREPARED	BS
REVIEWED	AL
APPROVED	LH

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

10-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	4 OF 5

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

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Classification: Public

BOYER RIVER DOWNSTREAM MAPPING BOUNDARY

500m

1000m

1500m

2000m

2500m

3000m

3500m

4000m

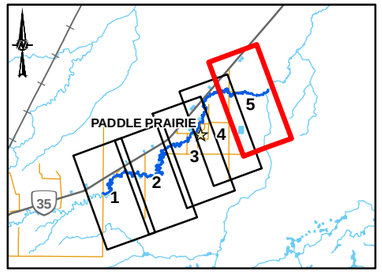
Boyer River

RANGE ROAD 220 BRIDGE

RANGE ROAD 220

35

SHEET 4 ↓



LEGEND

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HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

10-YEAR FLOOD INUNDATION EXTENT

- 10-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 14.5 M^3/S

0 200 400

1:10,000 METRES

CLIENT

ALBERTA ENVIRONMENT AND PROTECTED AREAS

Alberta Canada

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PREPARED	BS
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APPROVED	LH

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

10-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	5 OF 5

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water\ Flood Inundation Mapping\23592570_0010r-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT 9:26:52 AM

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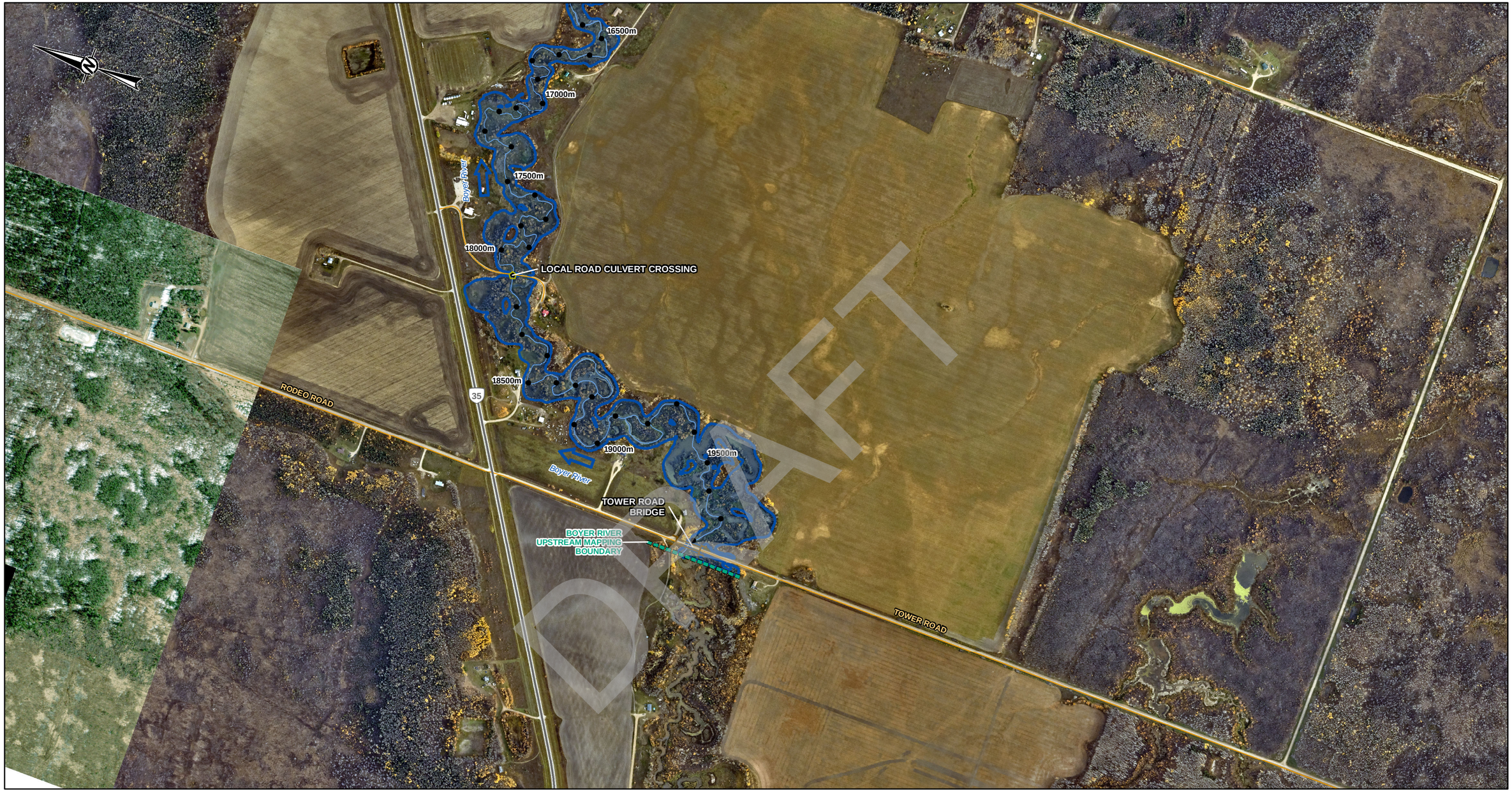
Classification: Public

SHEET 2 ↑



DRAFT

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
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HYDRAULIC STRUCURES

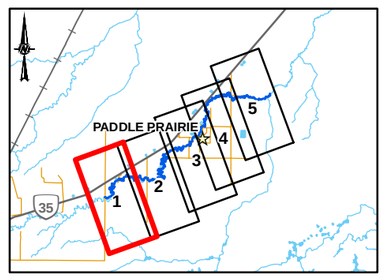
- CULVERT
- BRIDGE

20-YEAR FLOOD INUNDATION EXTENT

- 20-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 20.1 M^3/S



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1:10,000 METRES

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DESIGNED	LH
PREPARED	BS
REVIEWED	AL
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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE.

20-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	1 OF 5

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

25mm

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PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0020y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:25:50 AM

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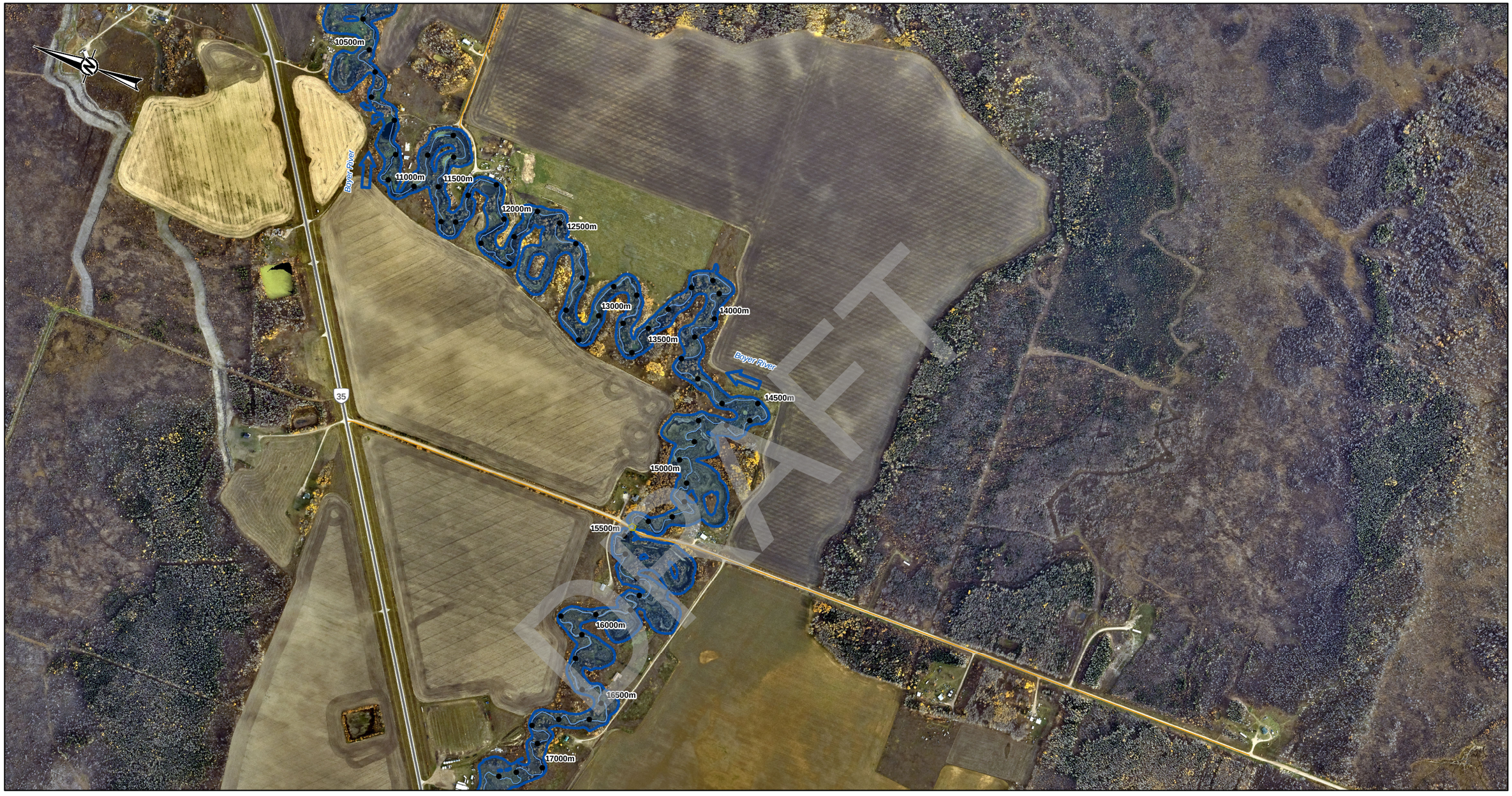

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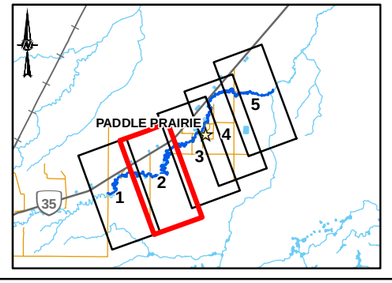

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

20-YEAR FLOOD INUNDATION EXTENT

- 20-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 20.1 M^3/S

0 200 400

1:10,000 METRES

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Alberta Canada

CONSULTANT

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YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
20-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	2 OF 5

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0020y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:26:14 AM

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SHEET 4 ↑



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
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- SECONDARY ROAD
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- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

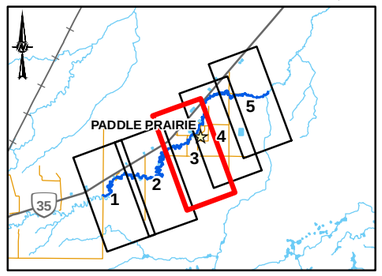
20-YEAR FLOOD INUNDATION EXTENT

- 20-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 20.1 M^3/S

SHEET 2 ↓



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DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
20-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	3 OF 5

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0020y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:26:36 AM

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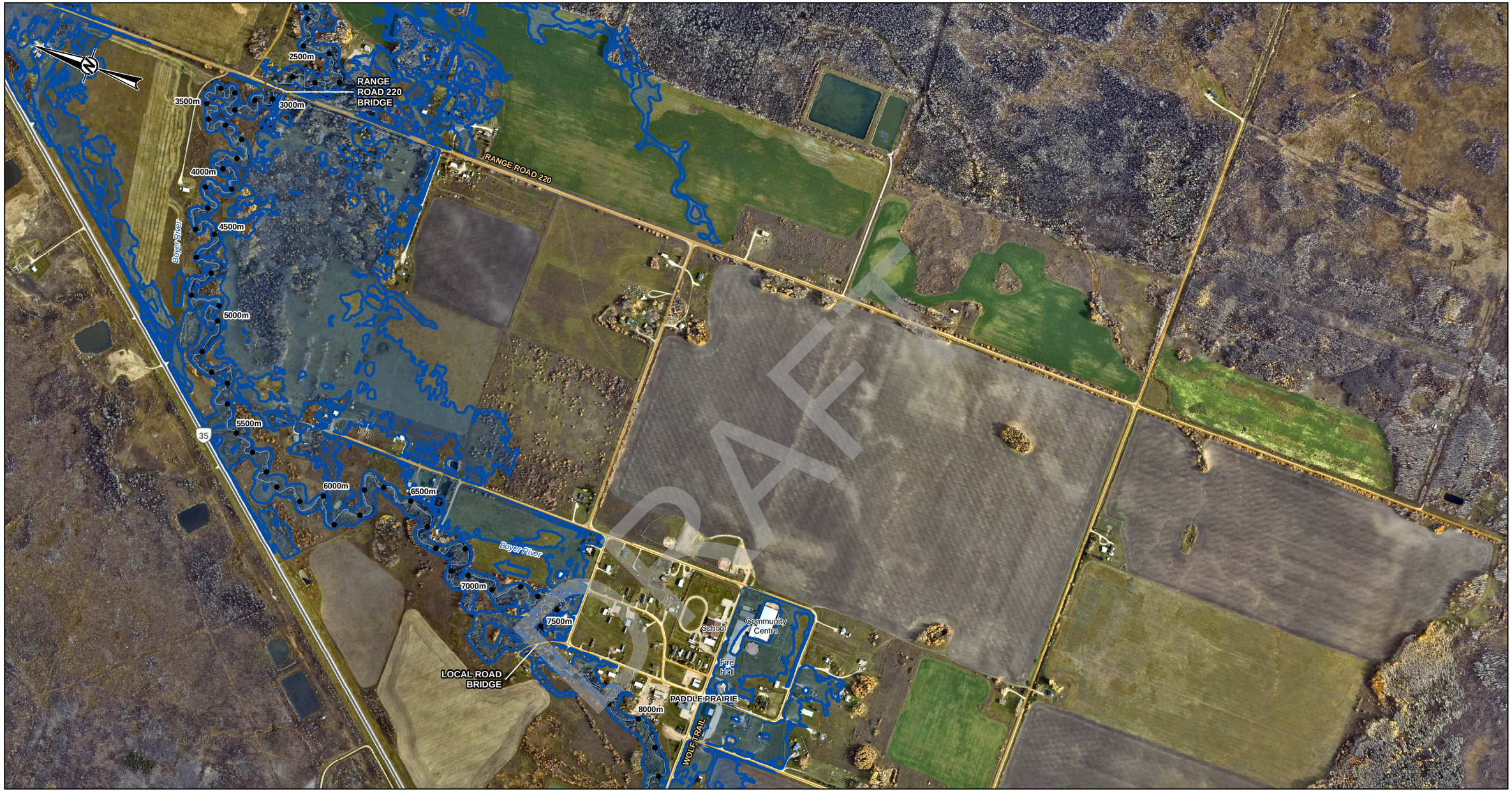
Classification: Public

SHEET 5 ↑



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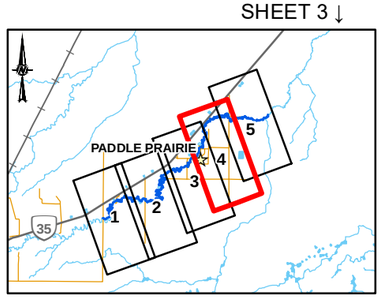

LEGEND

- PROFILE STATION
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- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

20-YEAR FLOOD INUNDATION EXTENT

- 20-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 20.1 M^3/S

0 200 400

1:10,000 METRES

CLIENT

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Alberta Canada

CONSULTANT

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YYYY-MM-DD	2025-03-21
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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

20-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	4 OF 5

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25mm

0

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0020y-Inundation_Rev0.mxd PRINTED ON: 2025-03-21 AT: 11:18:55 AM

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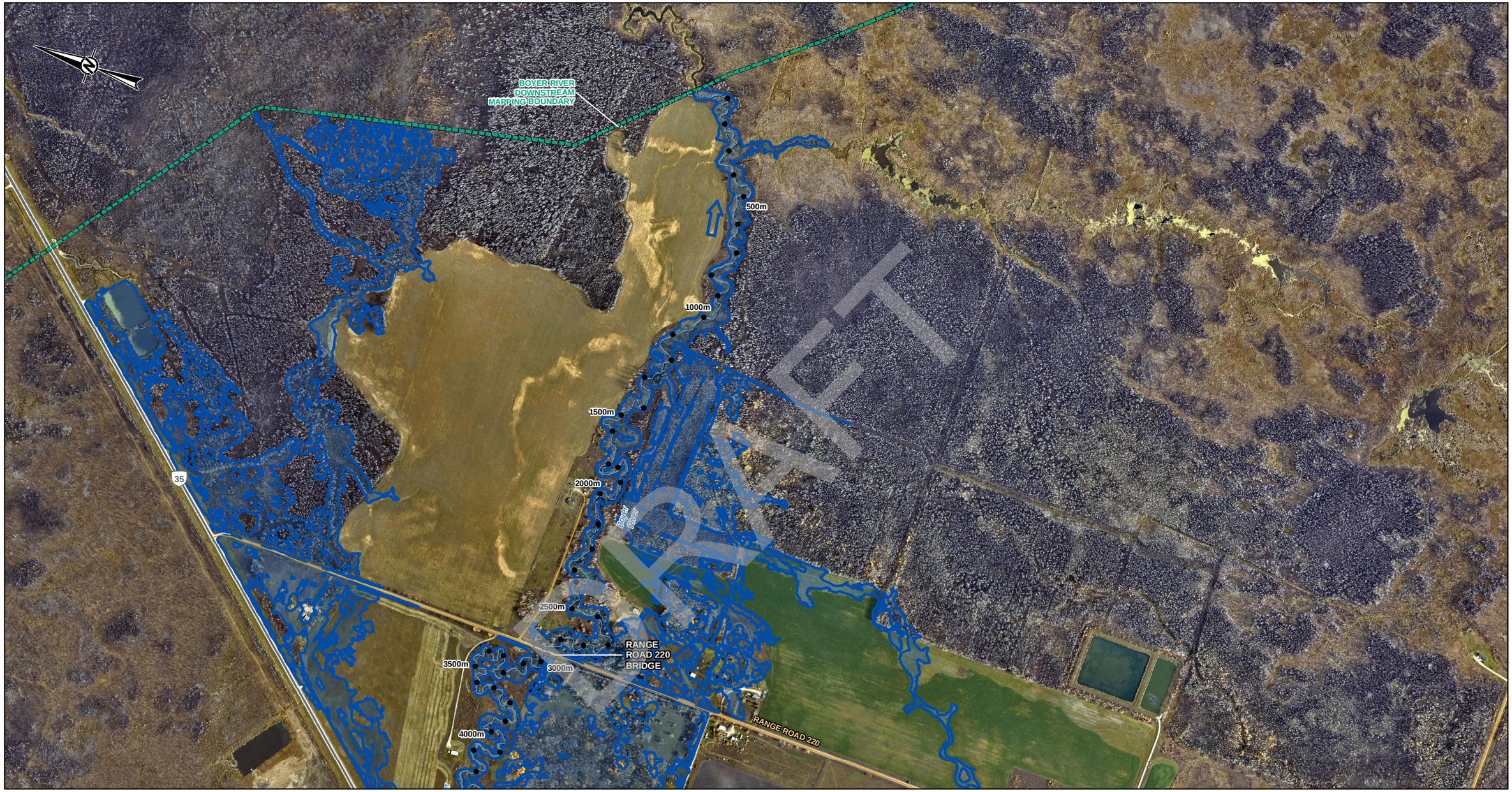

LEGEND

- PROFILE STATION
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20-YEAR FLOOD INUNDATION EXTENT

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DISCHARGE

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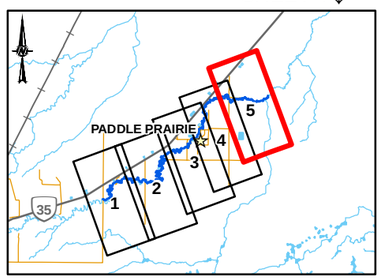
SHEET 4 ↓



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APPROVED	LH

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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
20-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	5 OF 5

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

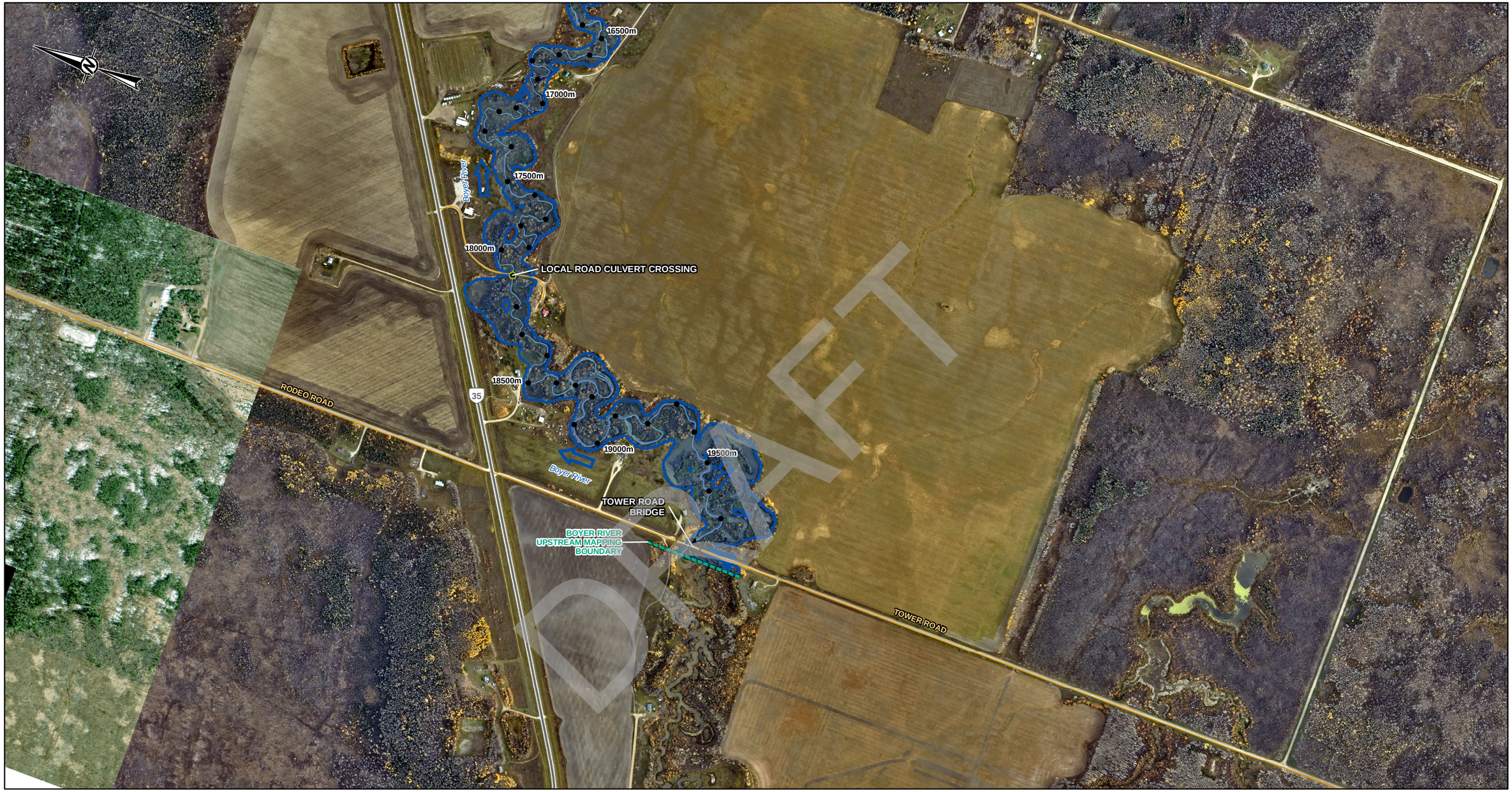
25mm

0

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0020y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:27:24 AM

Classification: Public

SHEET 2 ↑



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

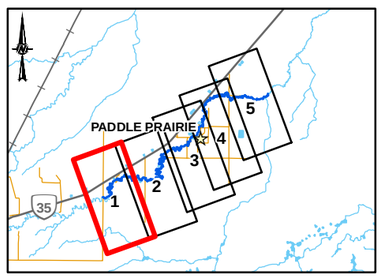
- CULVERT
- BRIDGE

35-YEAR FLOOD INUNDATION EXTENT

- 35-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 25.4 M^3/S



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CLIENT

ALBERTA ENVIRONMENT AND PROTECTED AREAS

CONSULTANT

wsp

YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

35-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	0	FIGURE
23592570	4000	A	1 OF 5

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

25mm

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SHEET 3 ↑



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

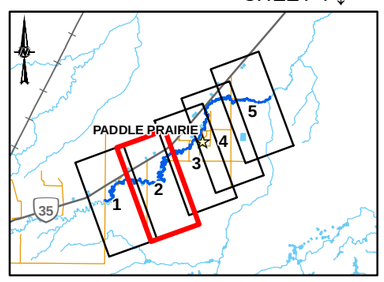
35-YEAR FLOOD INUNDATION EXTENT

- 35-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 25.4 M^3/S

SHEET 1 ↓



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CLIENT

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

35-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	0	FIGURE
23592570	4000	A	2 OF 5

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

0 25mm

Classification: Public

SHEET 4 ↑



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
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- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

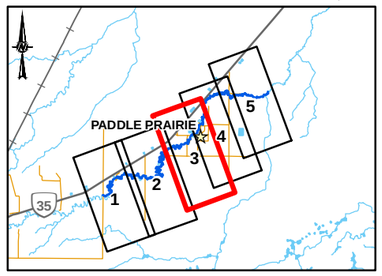
35-YEAR FLOOD INUNDATION EXTENT

- 35-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 25.4 M^3/S

SHEET 2 ↓



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PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
35-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	0	FIGURE
23592570	4000	A	3 OF 5

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0

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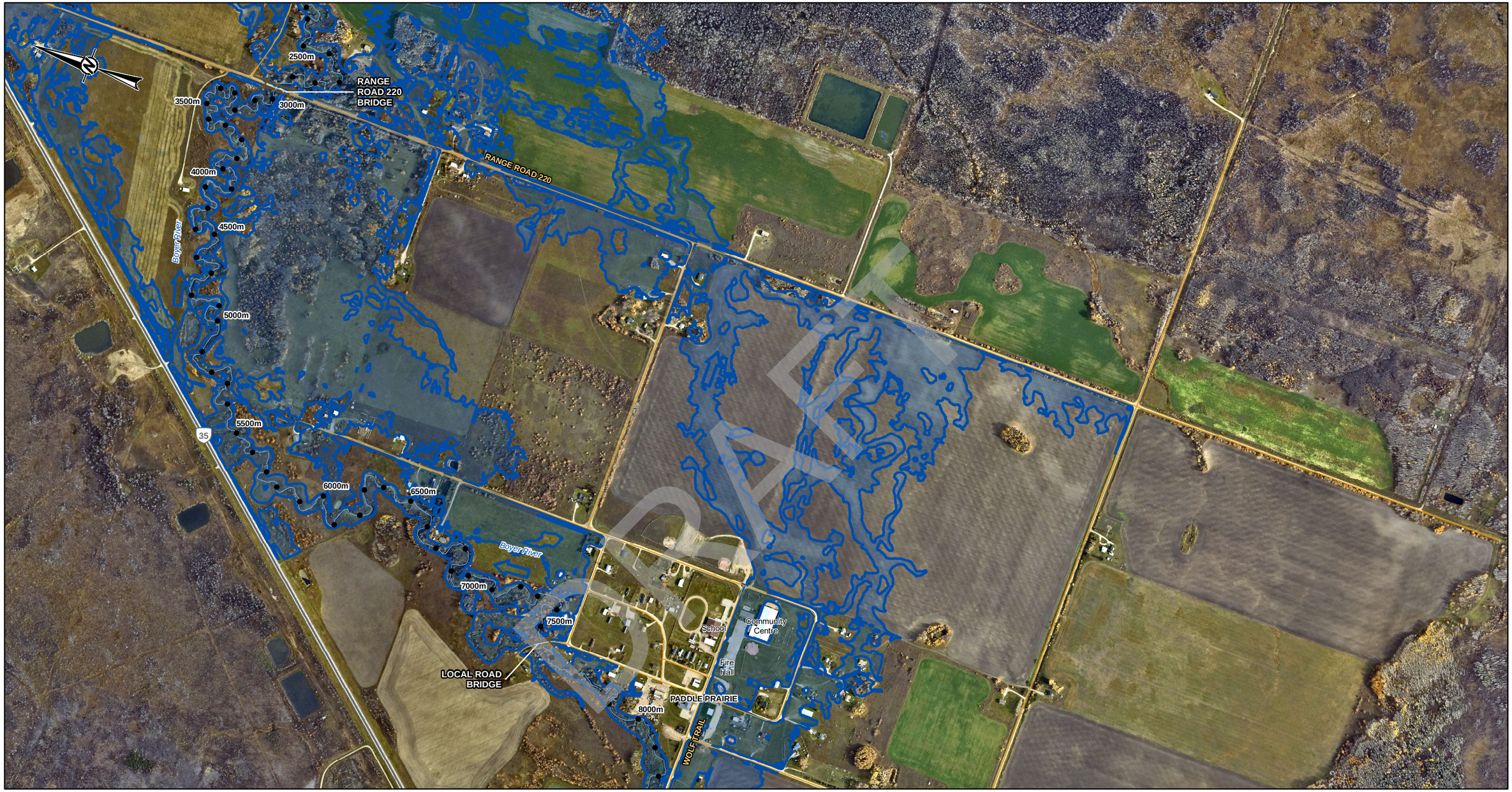
Classification: Public

SHEET 5 ↑



LEGEND

- PROFILE STATION
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HYDRAULIC STRUCURES

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- BRIDGE

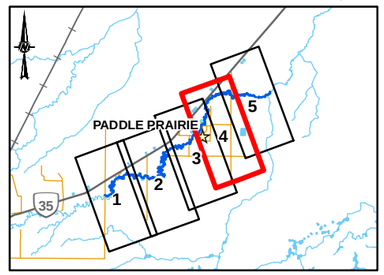
35-YEAR FLOOD INUNDATION EXTENT

- 35-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 25.4 M^3/S

SHEET 3 ↓



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CONSULTANT

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APPROVED	LH

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

35-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL		FIGURE
23592570	4000	A	4 OF 5

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

0 25mm

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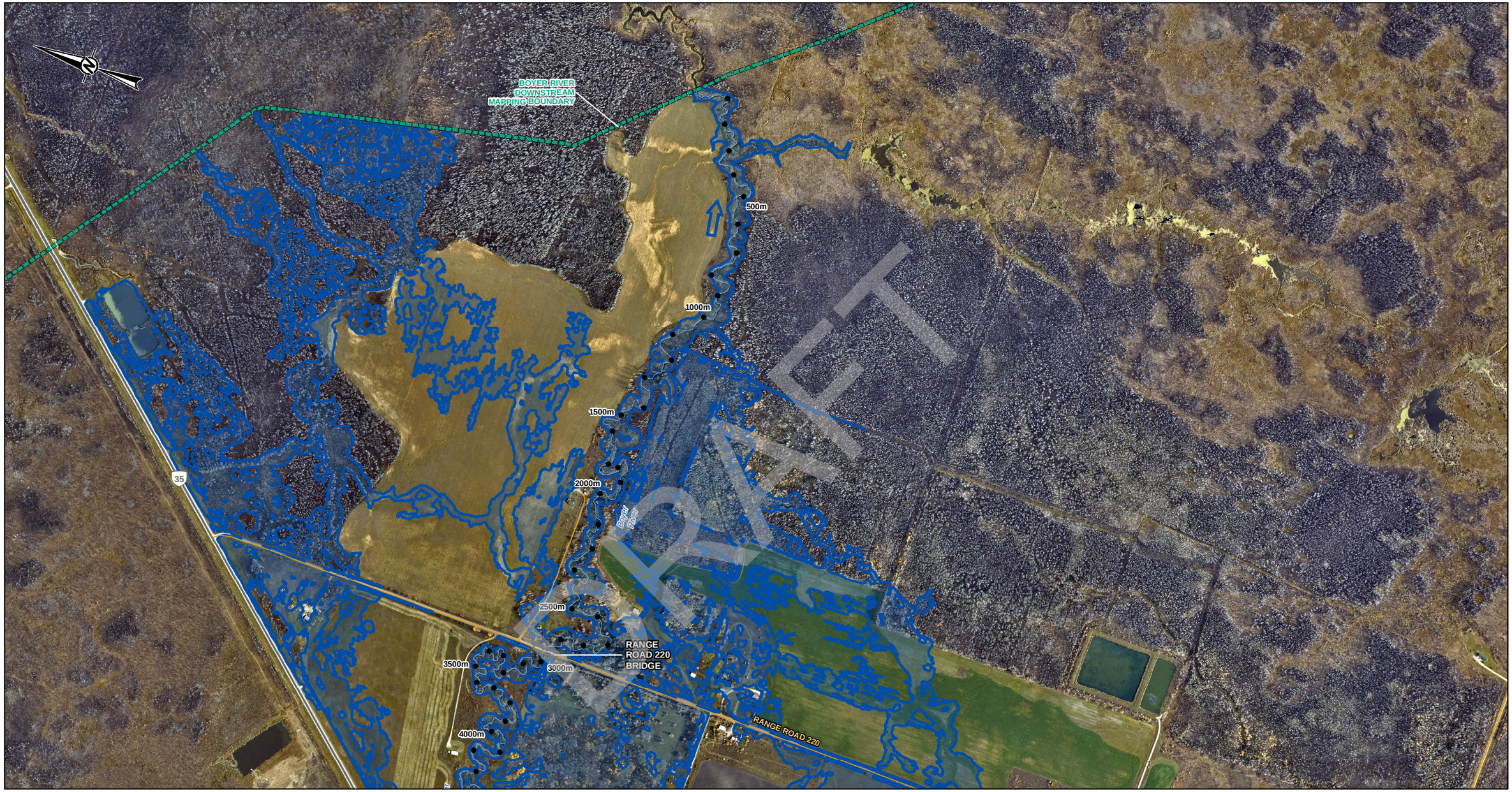

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
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HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

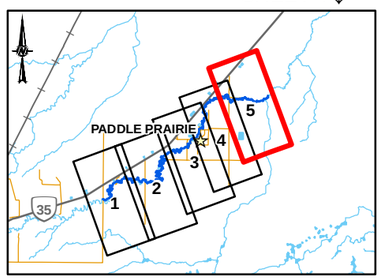
35-YEAR FLOOD INUNDATION EXTENT

- 35-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 25.4 M^3/S

SHEET 4 ↓



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1:10,000 METRES

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WSP

YYYY-MM-DD	2025-03-18
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PREPARED	BS
REVIEWED	AL
APPROVED	LH

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PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
35-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	0	FIGURE
23592570	4000	A	5 OF 5

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0035y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:29:14 AM

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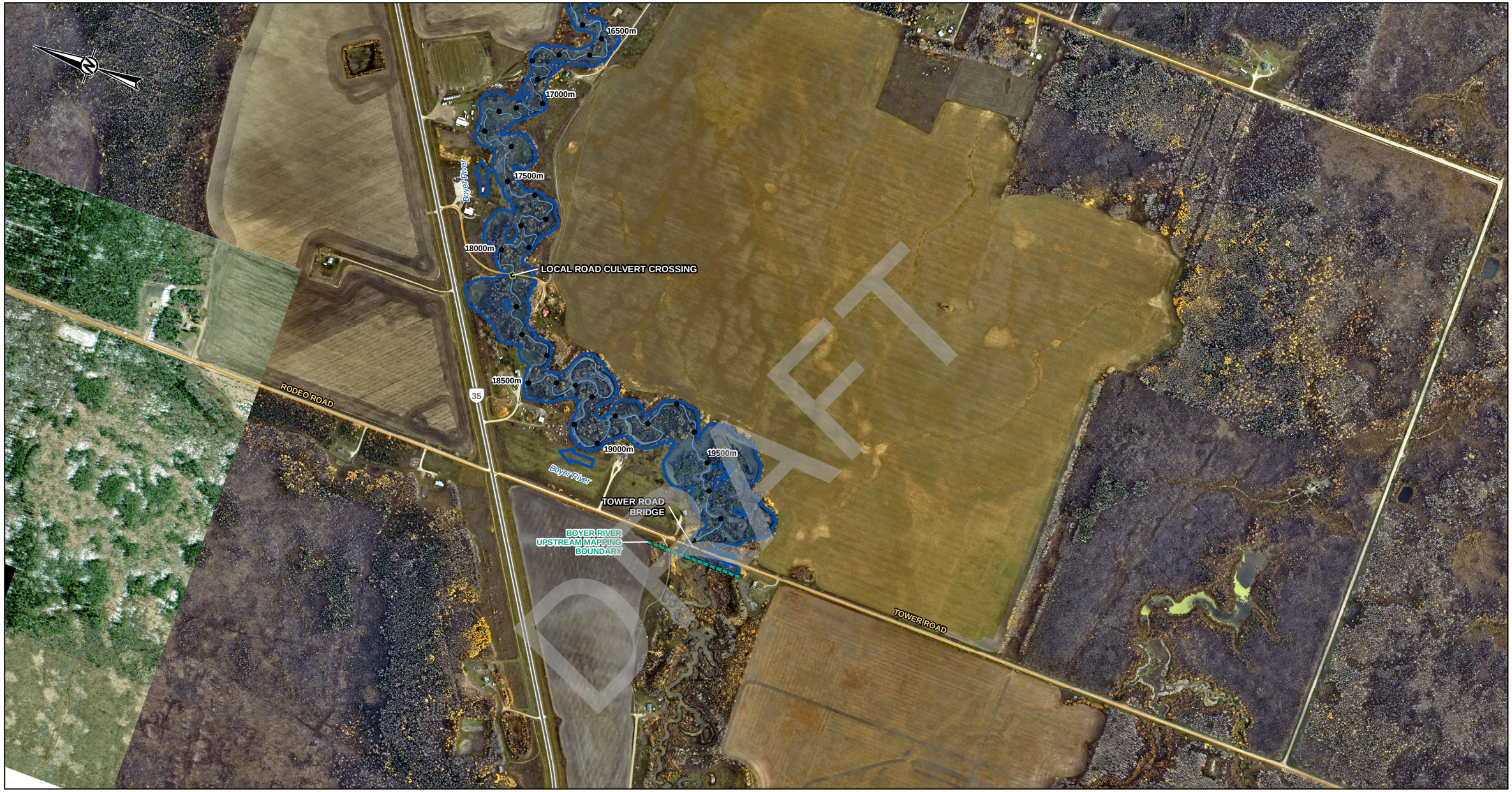
SHEET 2 ↑



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
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- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

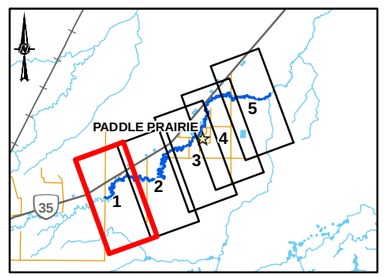
- CULVERT
- BRIDGE

50-YEAR FLOOD INUNDATION EXTENT

- 50-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

BOYER RIVER = 29.1 M^3/S



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1:10,000 METRES

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ALBERTA ENVIRONMENT AND PROTECTED AREAS

Alberta Canada

CONSULTANT

wsp

YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
REVIEWED	AL
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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE.

50-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	1 OF 5

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

25mm

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PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\g23592570_0050y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:27:28 AM

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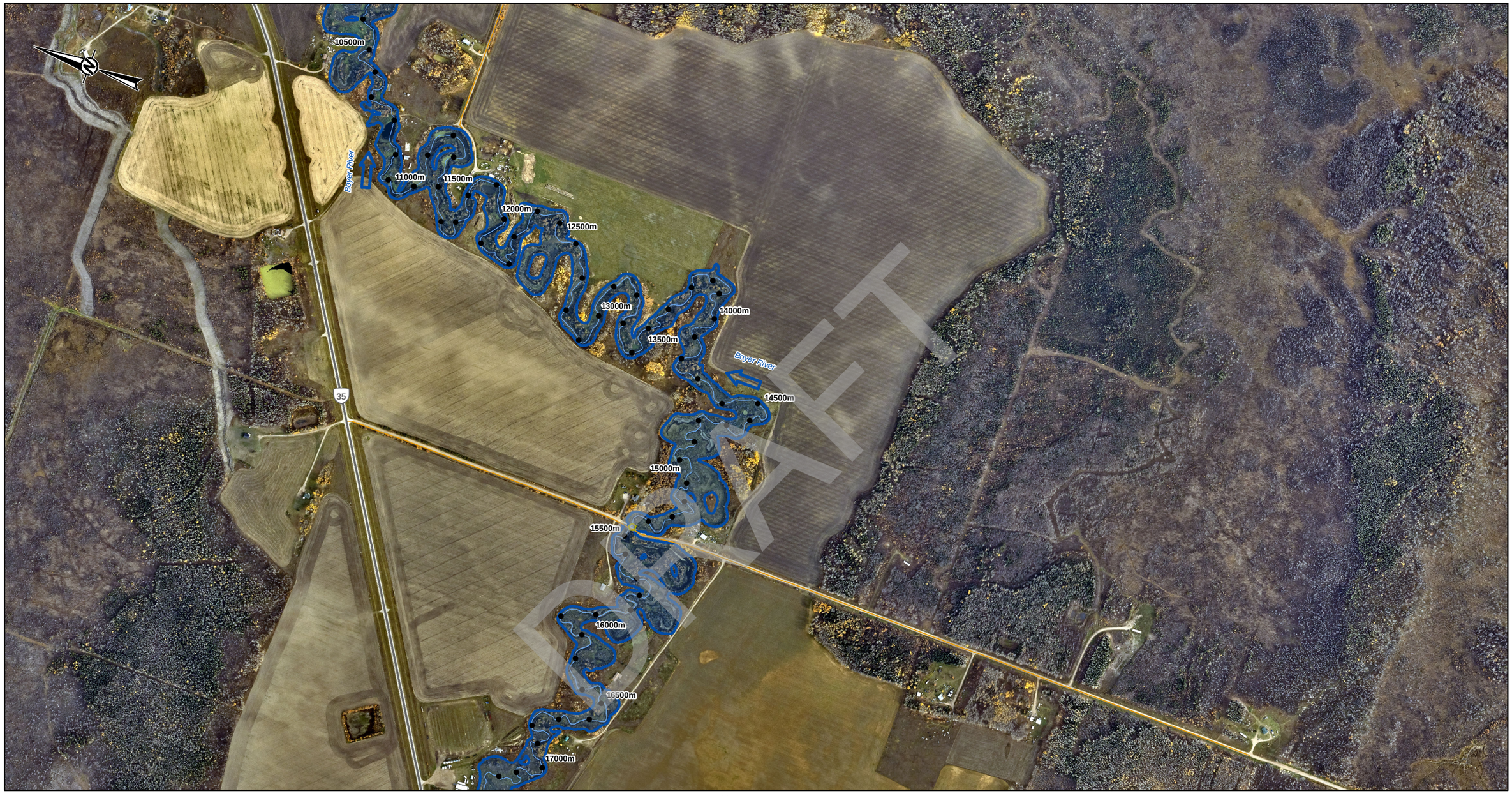

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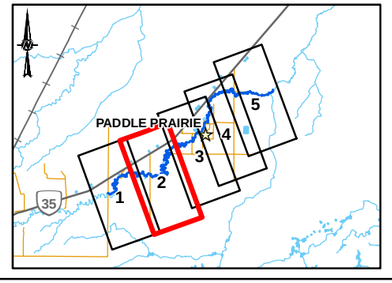

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

50-YEAR FLOOD INUNDATION EXTENT

- 50-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 29.1 M^3/S

0 200 400

1:10,000 METRES

CLIENT

ALBERTA ENVIRONMENT AND PROTECTED AREAS

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YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
REVIEWED	AL
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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

50-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	2 OF 5

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0050y-Inundation-_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:27:58 AM

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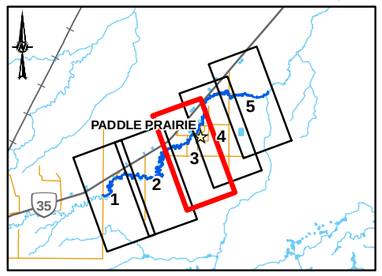
Classification: Public

SHEET 4 ↑

6000m
6500m
7000m
7500m
8000m
8500m
9000m
9500m
10000m
10500m
Boyer River
LOCAL ROAD BRIDGE
School
Community Centre
Fire Hall
PADDLE PRAIRIE
WOLF TRAIL
WSC Gauge 07JF005
WOLF TRAIL BRIDGE
Water Treatment Plant
RANGE ROAD 221 BRIDGE
RANGE ROAD 221
35

DRAFT

SHEET 2 ↓



LEGEND

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50-YEAR FLOOD INUNDATION EXTENT

- 50-YEAR FLOOD EXTENT

DISCHARGE
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0 200 400
1:10,000 METRES

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wsp

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PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
50-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	3 OF 5

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0 25mm

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Classification: Public

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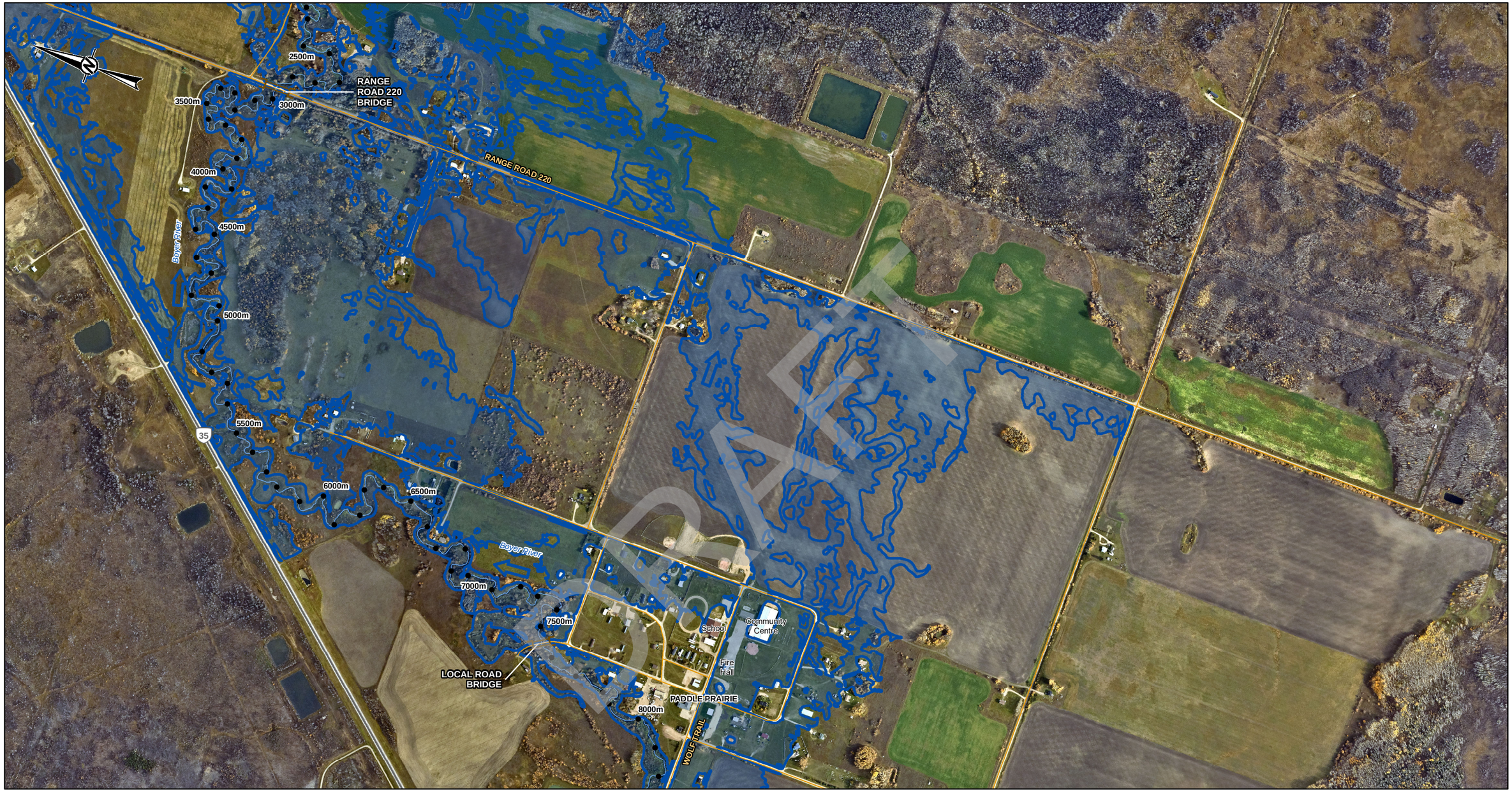

LEGEND

- PROFILE STATION
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50-YEAR FLOOD INUNDATION EXTENT

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DISCHARGE

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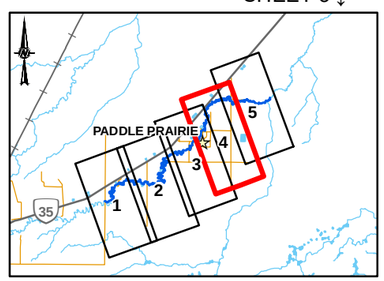
SHEET 3 ↓



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Alberta Canada

CONSULTANT

wsp

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

50-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	4 OF 5

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0 25mm

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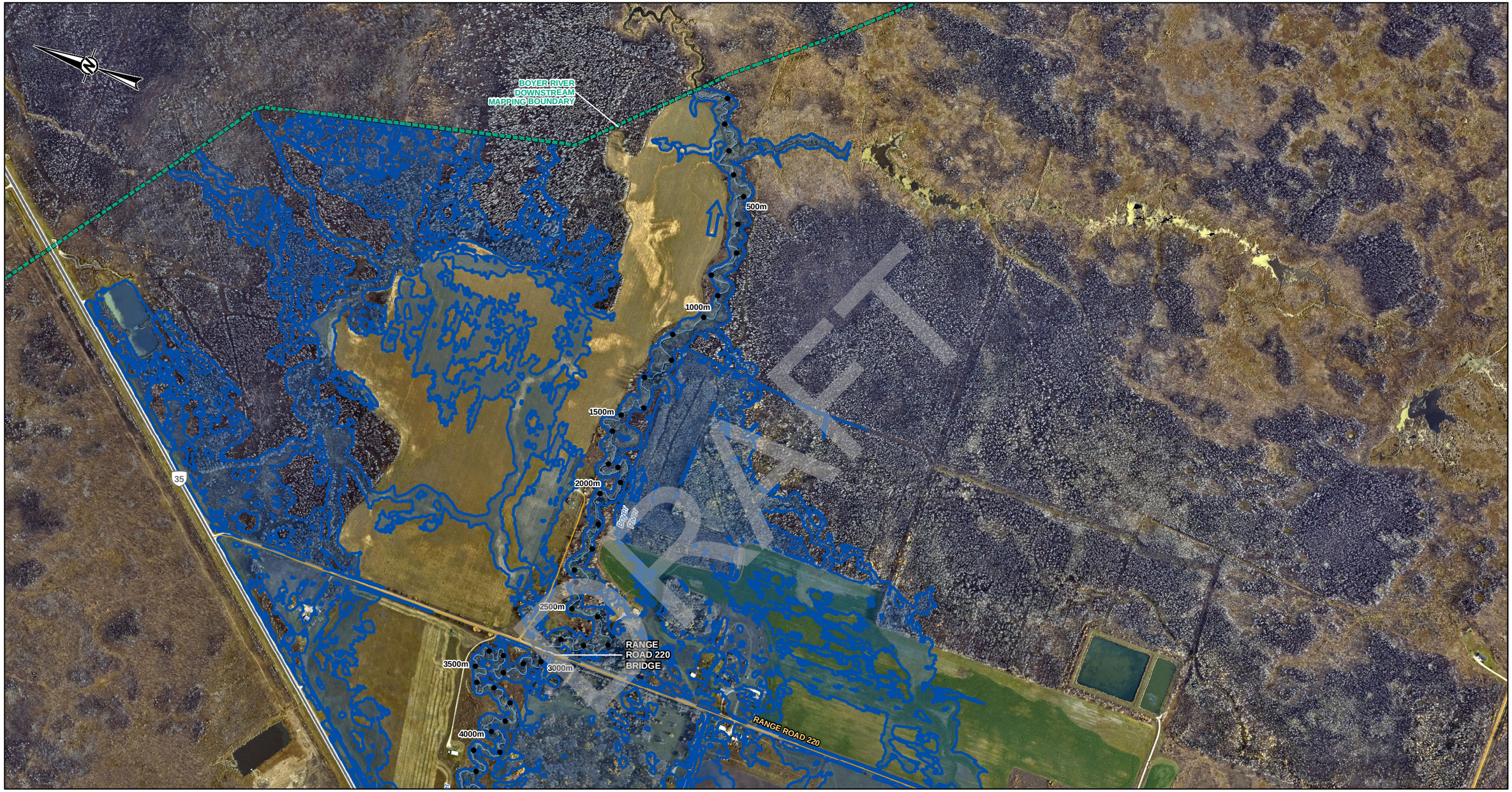
Classification: Public



SHEET 4 ↓

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

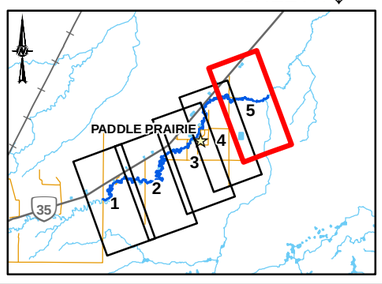
- CULVERT
- BRIDGE

50-YEAR FLOOD INUNDATION EXTENT

- 50-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 29.1 M^3/S



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CLIENT
ALBERTA ENVIRONMENT AND PROTECTED AREAS

CONSULTANT
WSP

YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

REFERENCE(S)

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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
50-YEAR FLOOD INUNDATION EXTENT

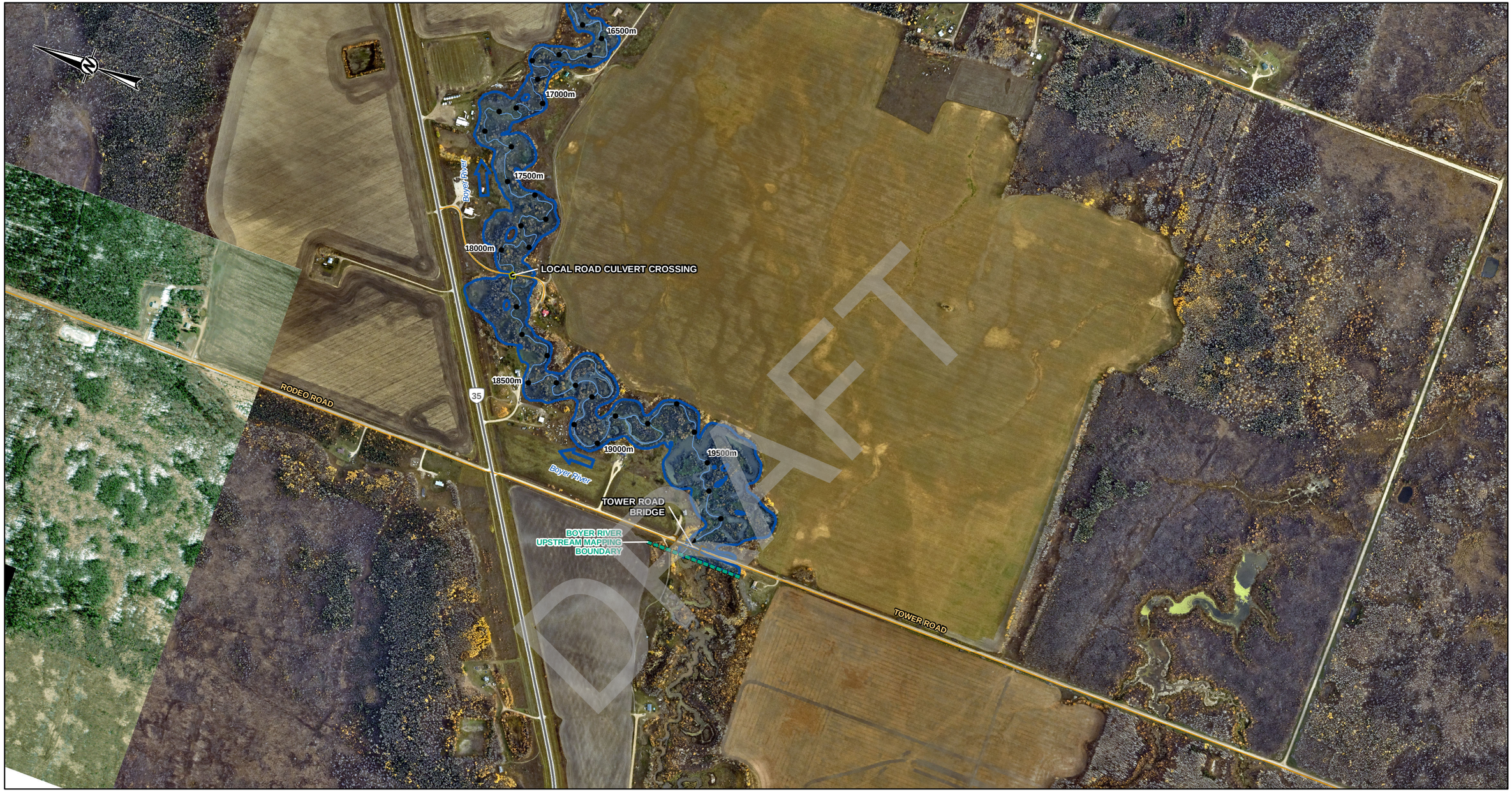
PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	5 OF 5

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0050y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:29:31 AM

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

Classification: Public

SHEET 2 ↑



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

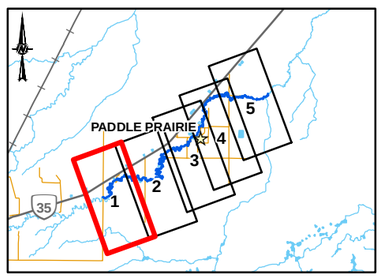
- CULVERT
- BRIDGE

75-YEAR FLOOD INUNDATION EXTENT

- 75-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 33.6 M^3/S



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CLIENT

ALBERTA ENVIRONMENT AND PROTECTED AREAS

Alberta Canada

CONSULTANT

wsp

YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE.

75-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	1 OF 5

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\g23592570_0075y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:27:42 AM

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Classification: Public

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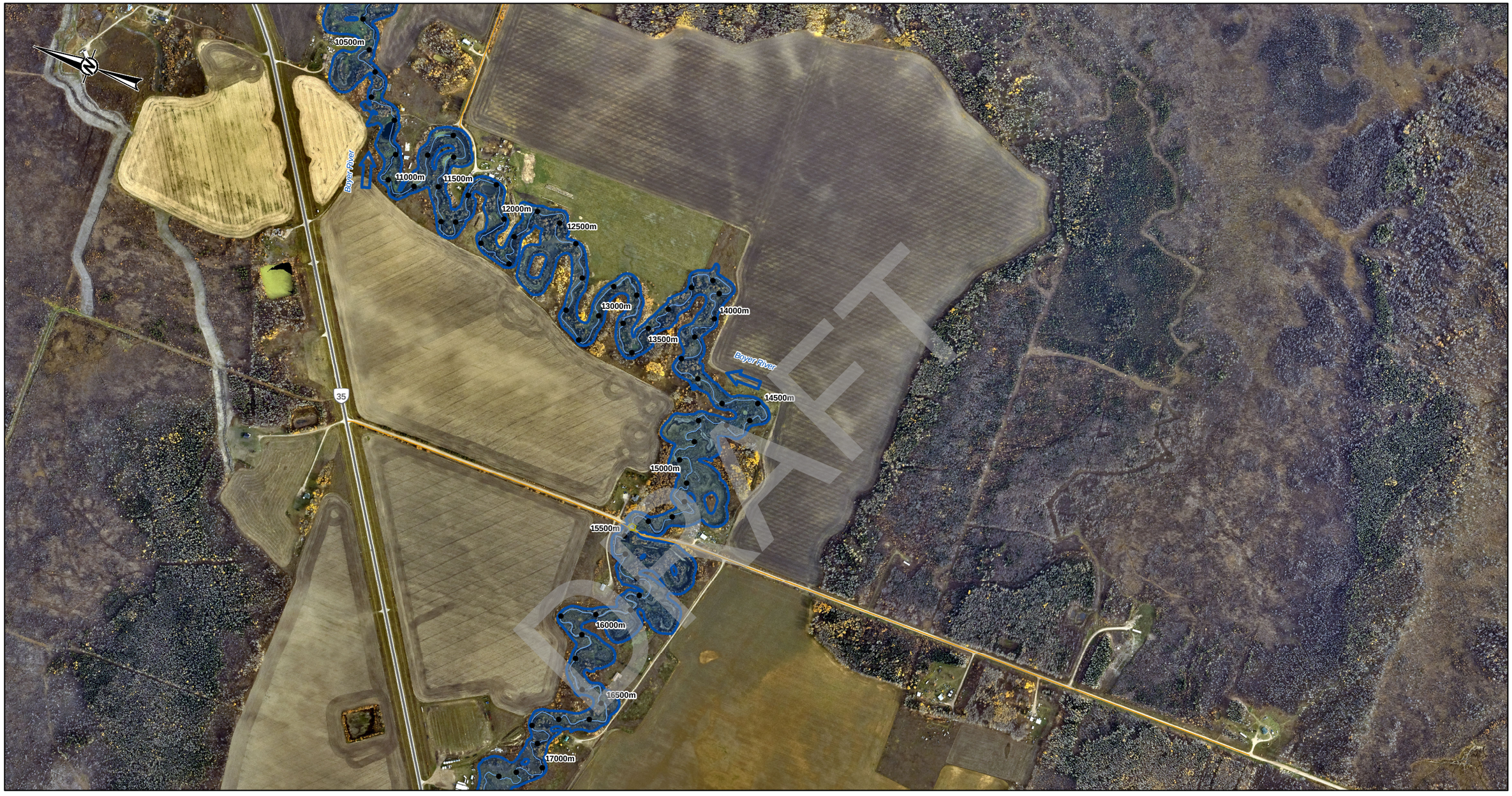


LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

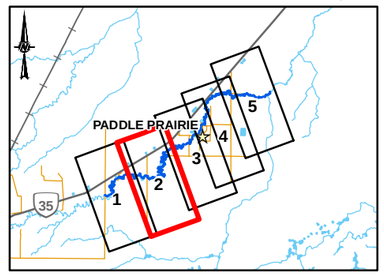
75-YEAR FLOOD INUNDATION EXTENT

- 75-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 33.6 M^3/S

SHEET 1 ↓



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CLIENT

ALBERTA ENVIRONMENT AND PROTECTED AREAS

Alberta Canada

CONSULTANT

wsp

YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

75-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	2 OF 5

PATH: I:\CLIENT\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0075y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:28:16 AM

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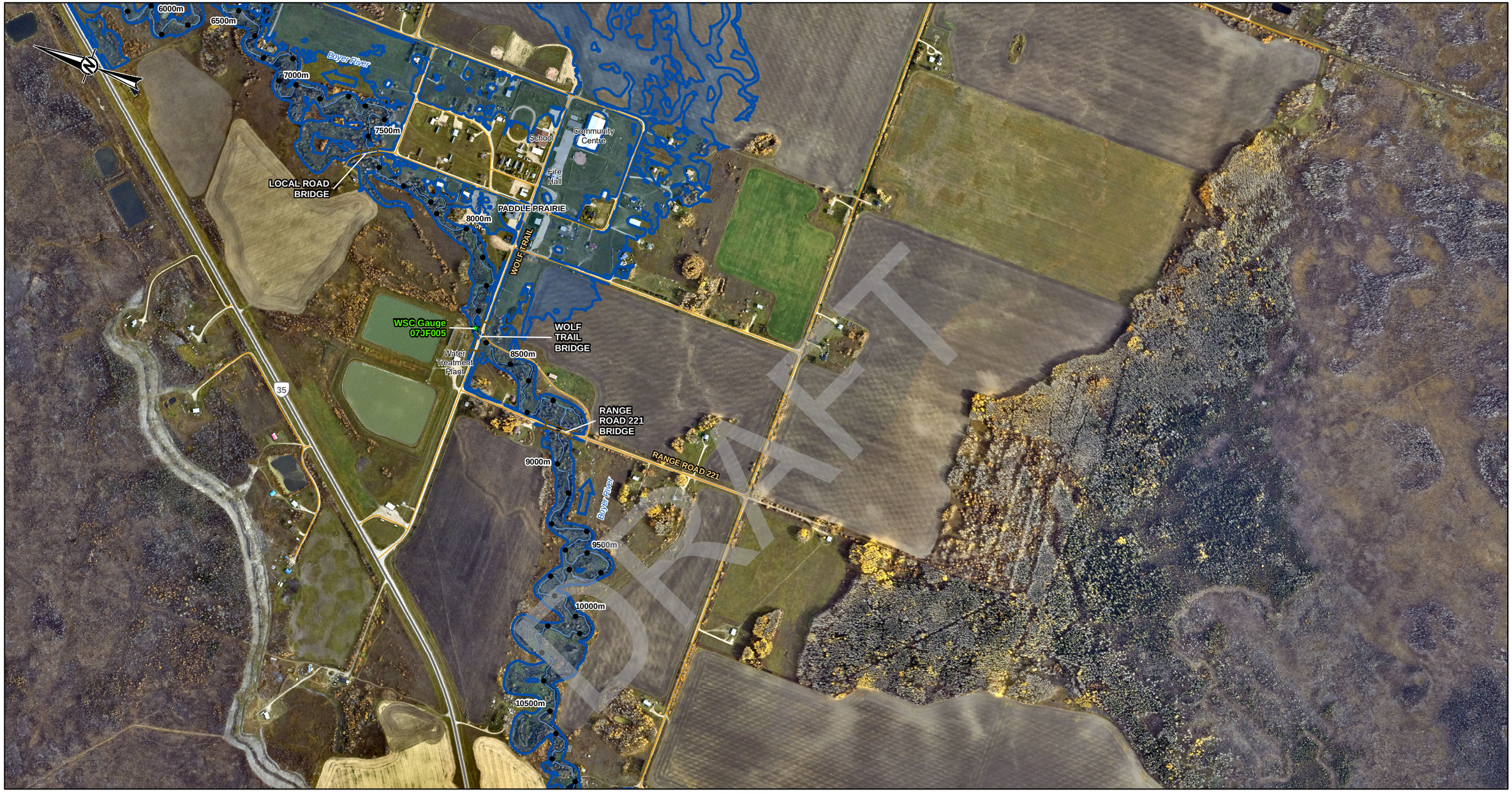
Classification: Public

SHEET 4 ↑



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

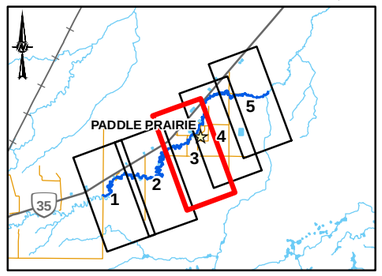
75-YEAR FLOOD INUNDATION EXTENT

- 75-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 33.6 M^3/S

SHEET 2 ↓



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CONSULTANT
wsp

YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
75-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	3 OF 5

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

0 25mm

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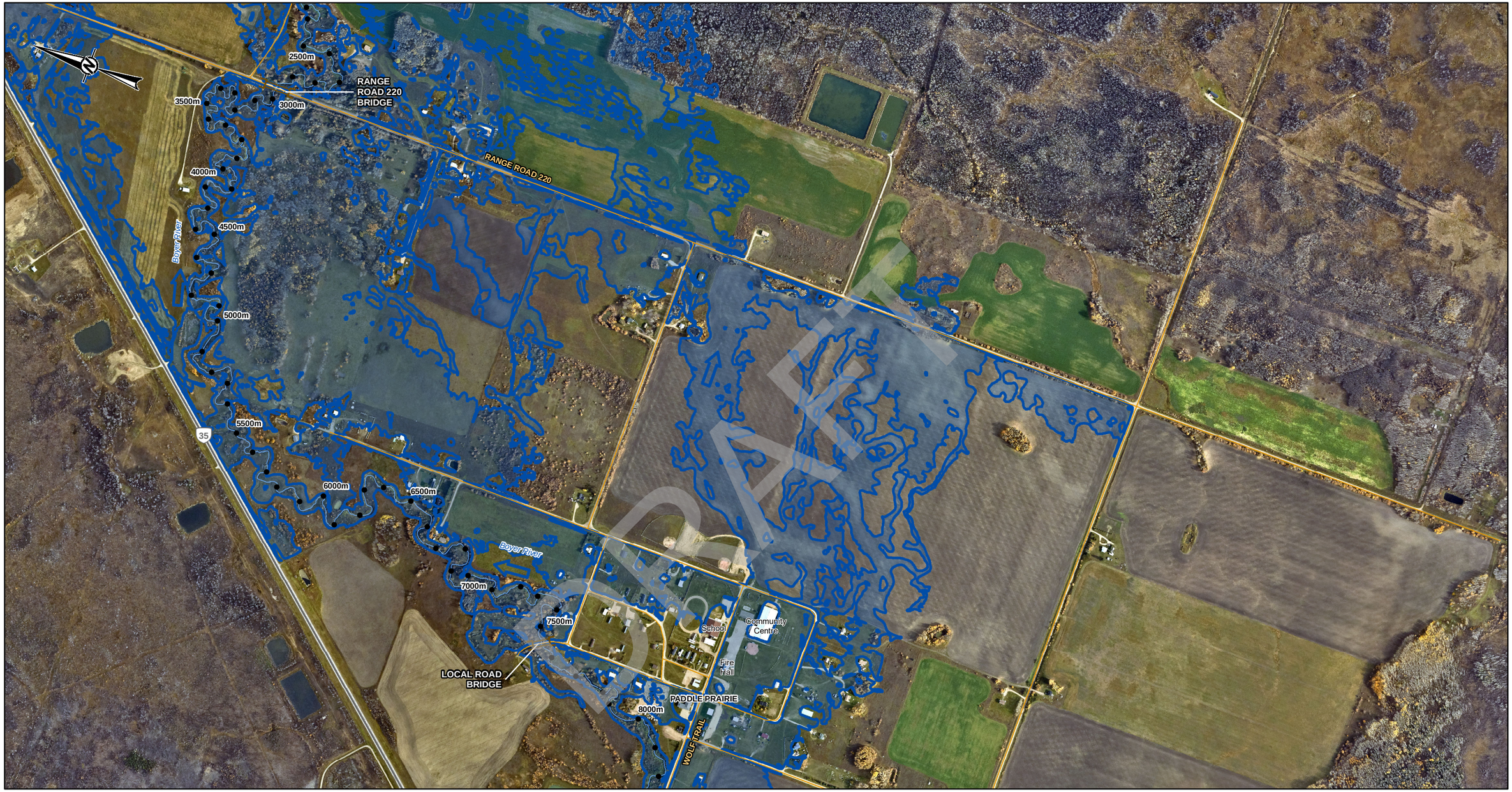
Classification: Public

SHEET 5 ↑



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

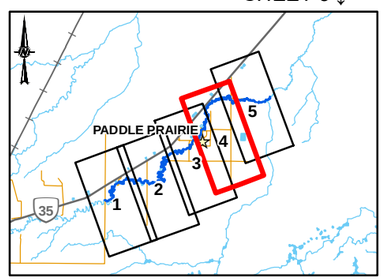
75-YEAR FLOOD INUNDATION EXTENT

- 75-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 33.6 M^3/S

SHEET 3 ↓



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CLIENT

ALBERTA ENVIRONMENT AND PROTECTED AREAS

Alberta Canada

CONSULTANT

wsp

YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

75-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	4 OF 5

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

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PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water\ Flood Inundation Mapping\23592570_0075yr-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:29:23 AM

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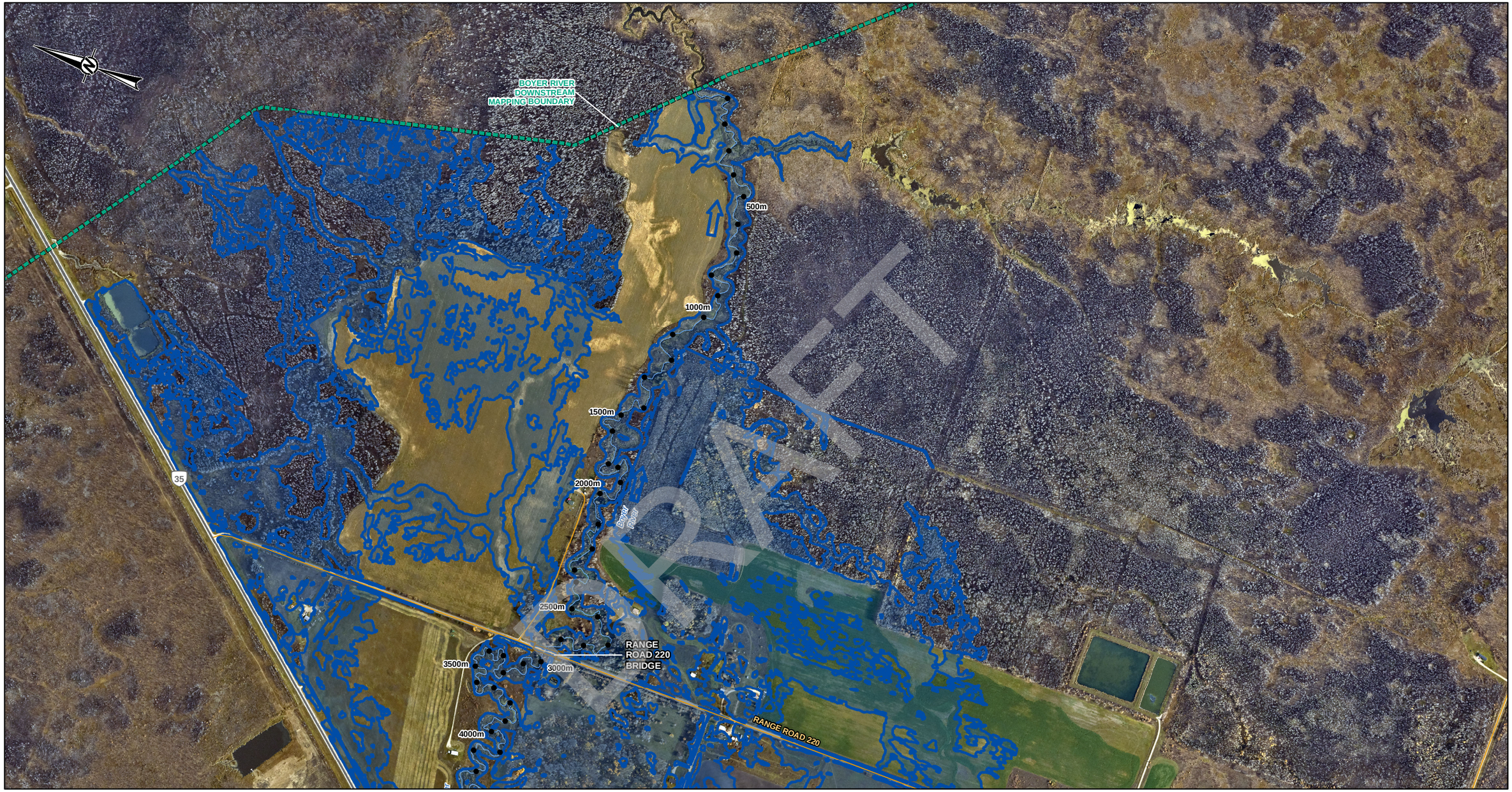

SHEET 4 ↓

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

75-YEAR FLOOD INUNDATION EXTENT

- 75-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 33.6 M^3/S

1:10,000 — 0 200 400 METRES

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YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
75-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	5 OF 5

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0075y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:29:55 AM

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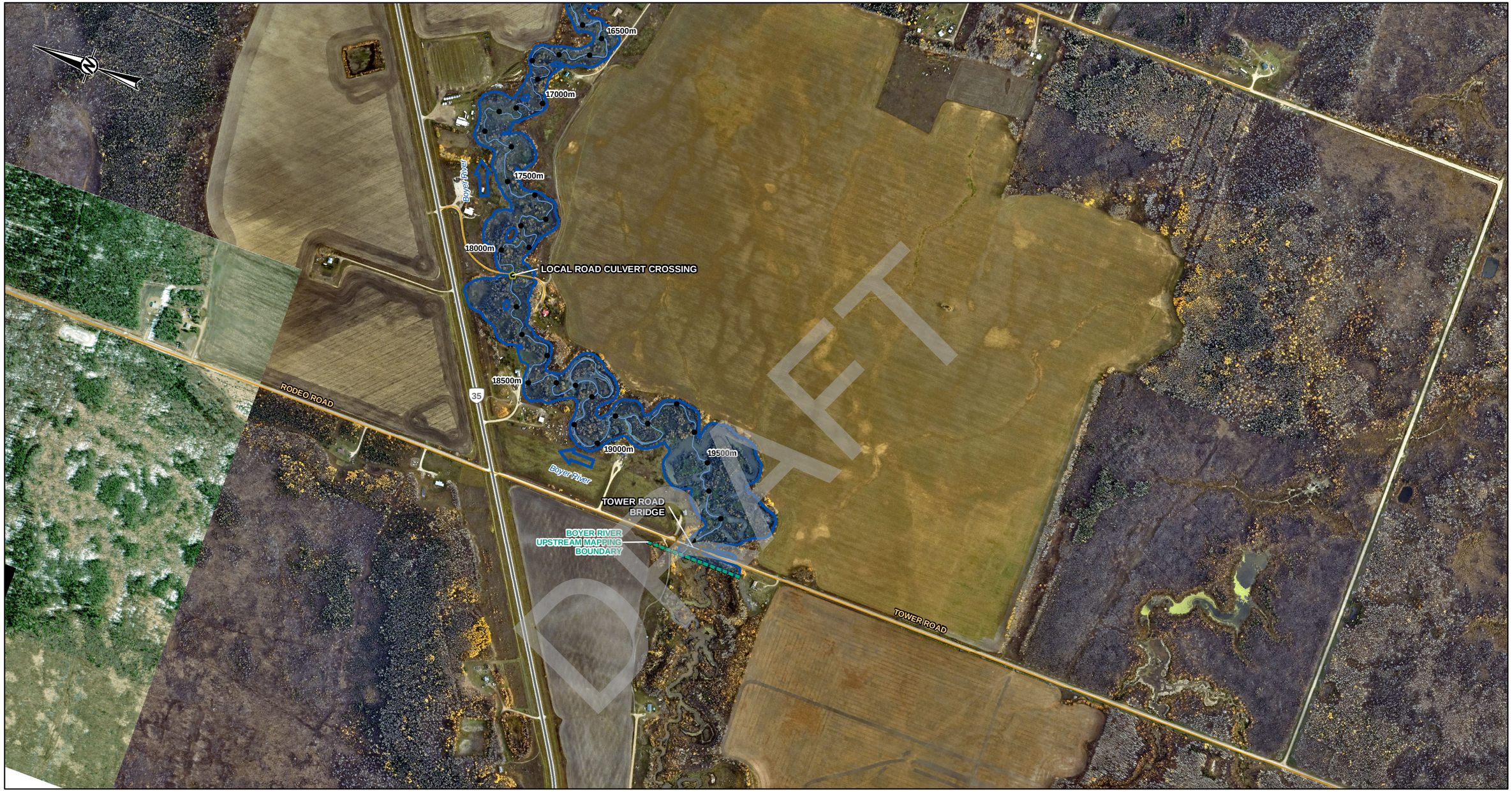


LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

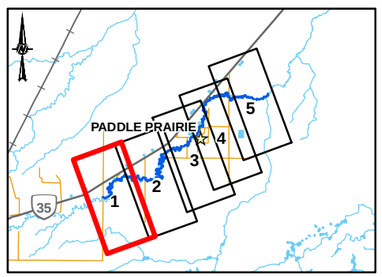
- CULVERT
- BRIDGE

100-YEAR FLOOD INUNDATION EXTENT

- 100-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

BOYER RIVER = 37.1 M^3/S



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ALBERTA ENVIRONMENT AND PROTECTED AREAS

Alberta Canada

CONSULTANT

wsp

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DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

100-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	1 OF 5

25mm

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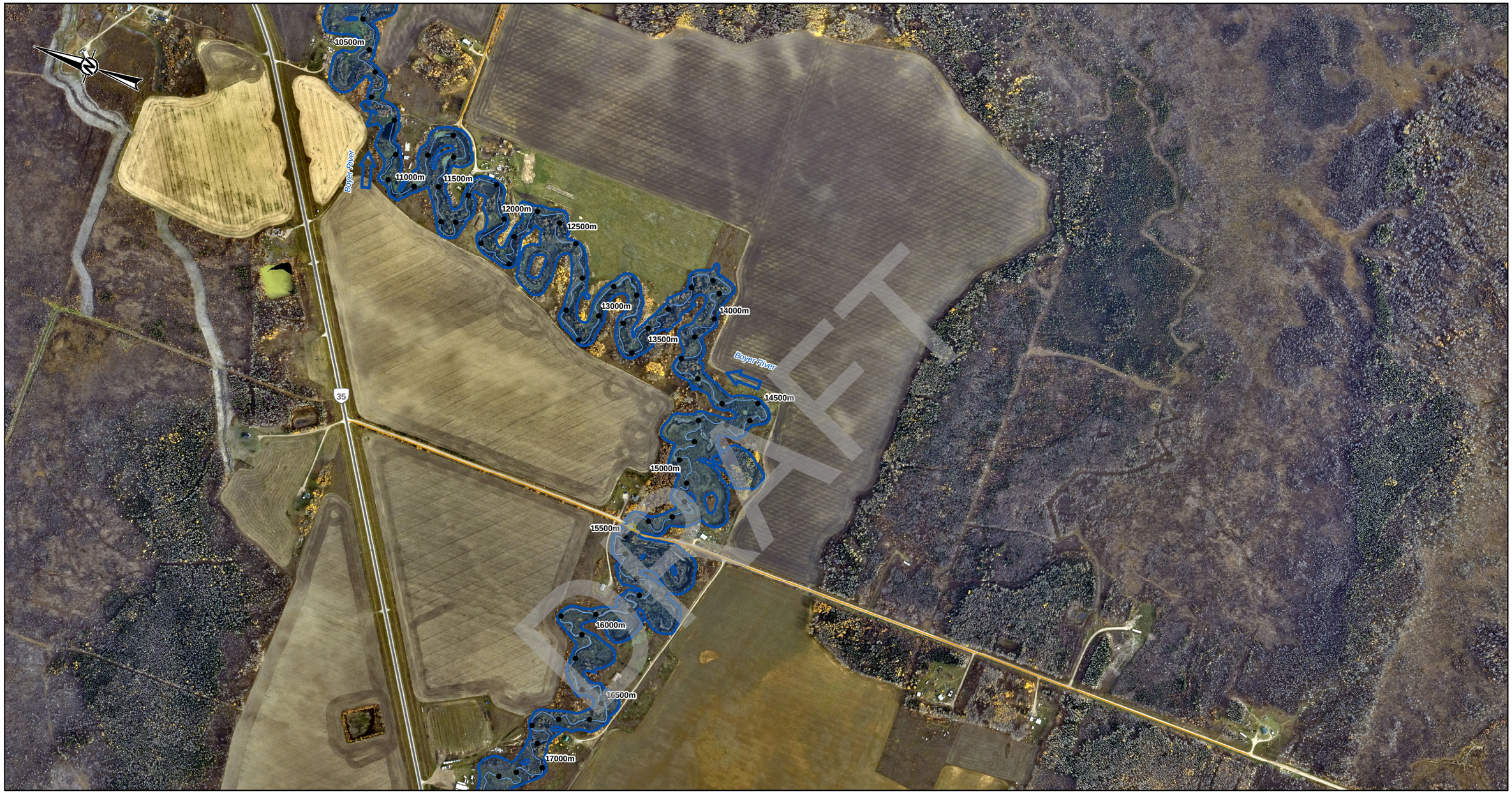


LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

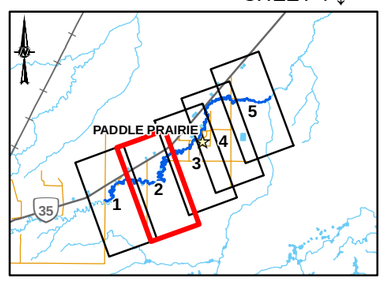
100-YEAR FLOOD INUNDATION EXTENT

- 100-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

BOYER RIVER = 37.1 M^3/S

SHEET 1 ↓



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1:10,000 METRES

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ALBERTA ENVIRONMENT AND PROTECTED AREAS

CONSULTANT

YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

100-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	2 OF 5

PATH: I:\CLIENT\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0100y-Inundation+_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:45:15 AM

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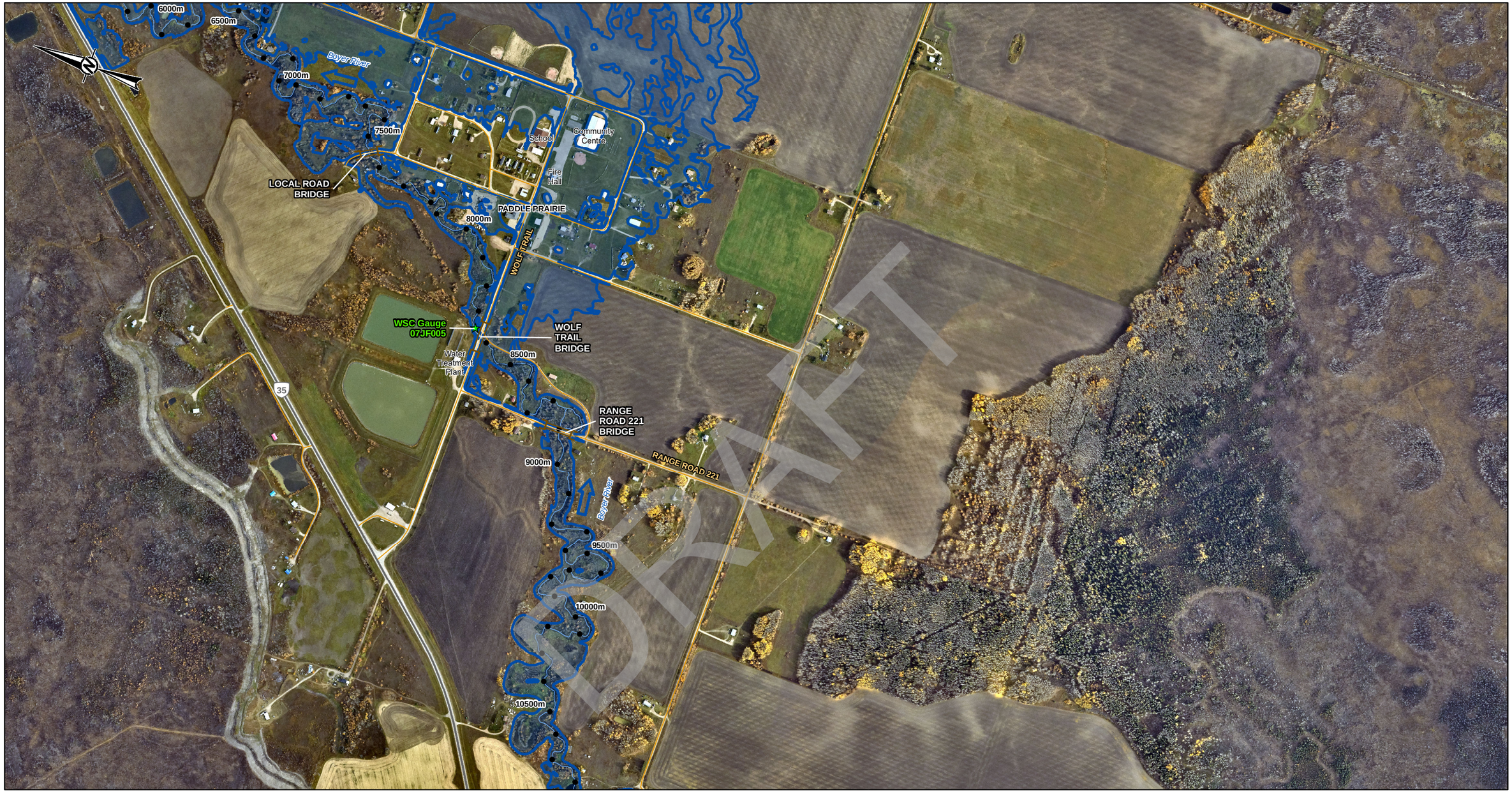
Classification: Public

SHEET 4 ↑



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

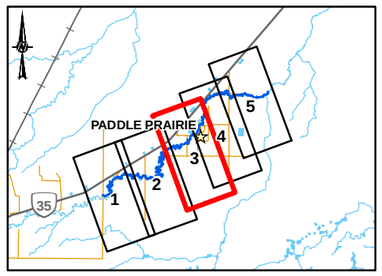
100-YEAR FLOOD INUNDATION EXTENT

- 100-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

BOYER RIVER = 37.1 M^3/S

SHEET 2 ↓



0 200 400

1:10,000 METRES

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CONSULTANT
wsp

YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
100-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	3 OF 5

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

25mm

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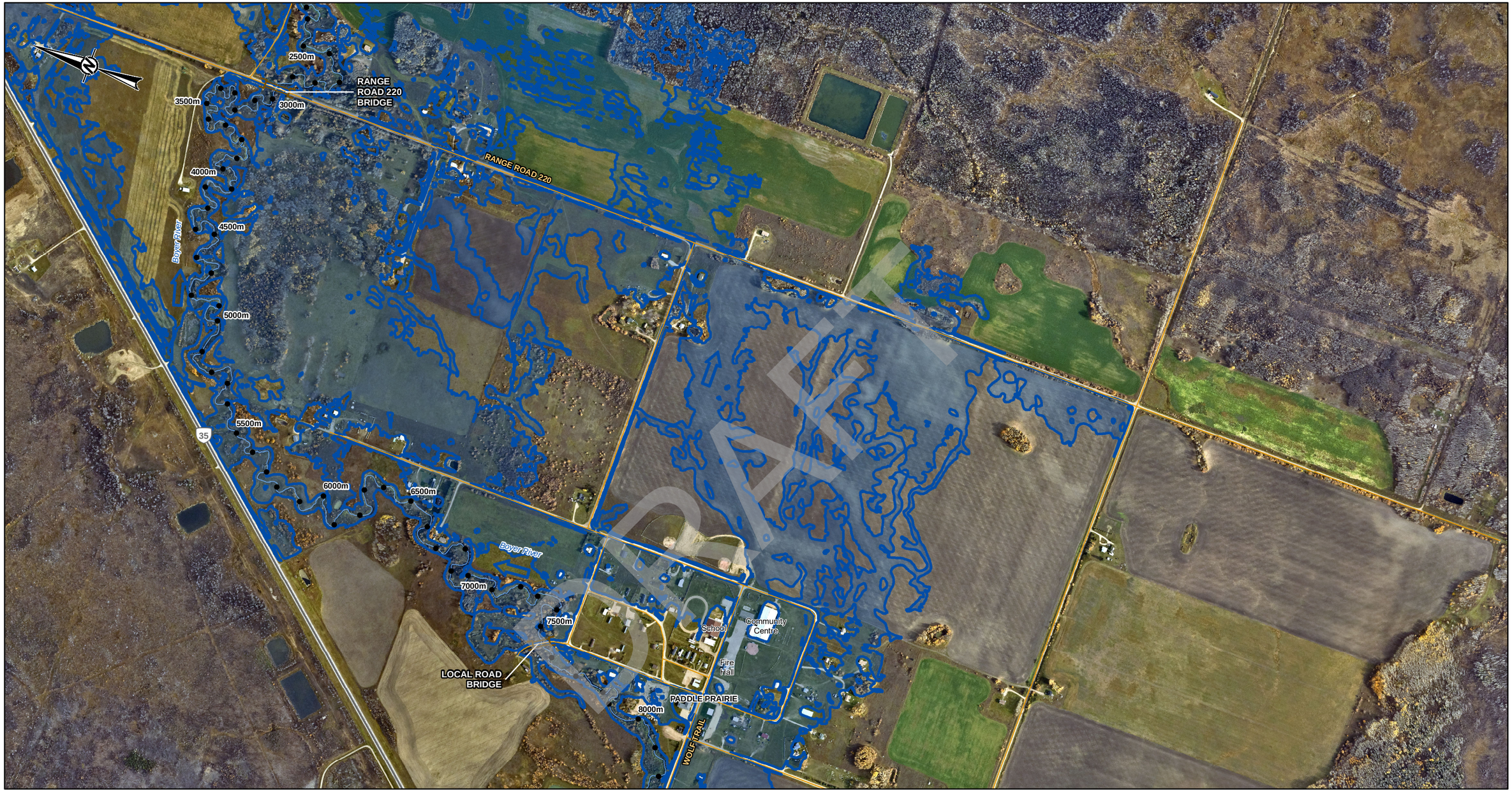
PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0100y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:45:57 AM

Classification: Public

SHEET 5 ↑



DRAFT

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

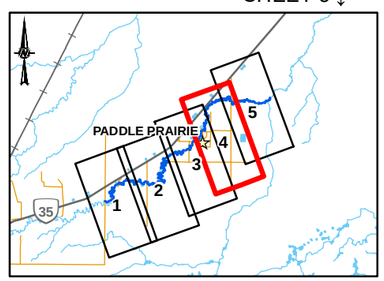
100-YEAR FLOOD INUNDATION EXTENT

- 100-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

BOYER RIVER = 37.1 M^3/S

SHEET 3 ↓



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CLIENT

ALBERTA ENVIRONMENT AND PROTECTED AREAS

Alberta Canada

CONSULTANT

wsp

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PREPARED	BS
REVIEWED	AL
APPROVED	LH

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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

100-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	4 OF 5

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

0 25mm

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0100y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:46:35 AM

Classification: Public

BOYER RIVER DOWNSTREAM MAPPING BOUNDARY

500m

1000m

1500m

2000m

2500m

3000m

3500m

4000m

Boyer River

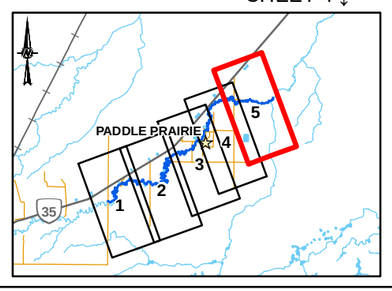
RANGE ROAD 220 BRIDGE

RANGE ROAD 220

35

DRAFT

SHEET 4 ↓



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

100-YEAR FLOOD INUNDATION EXTENT

- 100-YEAR FLOOD INUNDATION EXTENT

DISCHARGE

BOYER RIVER = 37.1 M^3/S

0 200 400

1:10,000 METRES

CLIENT

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

100-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	5 OF 5

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

0 25mm

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Classification: Public

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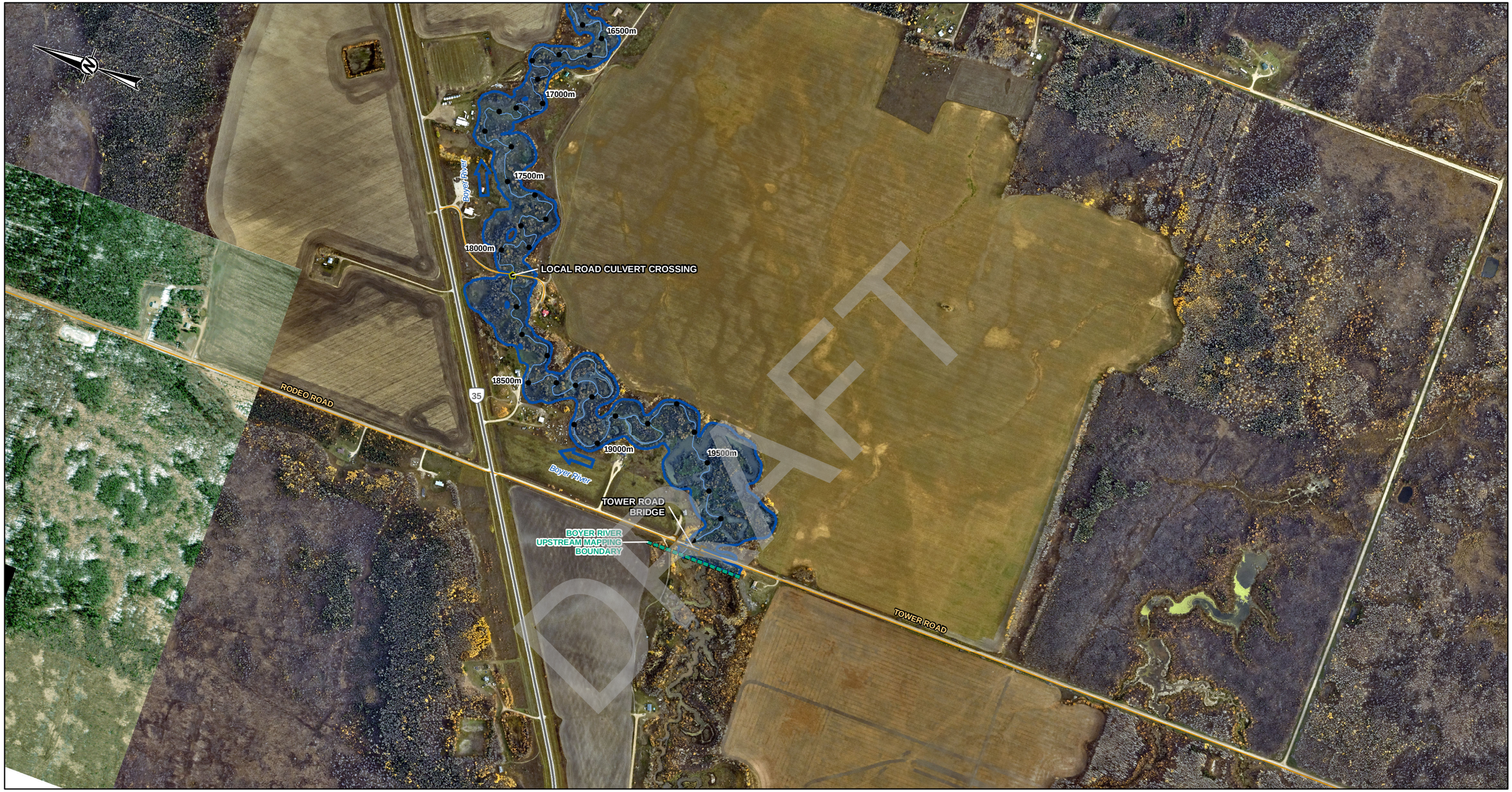


LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

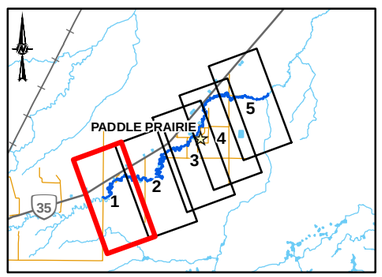
- CULVERT
- BRIDGE

200-YEAR FLOOD INUNDATION EXTENT

- 200-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 46.3 M^3/S



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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

200-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	1 OF 5

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

25mm

0

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0200y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:45:16 AM

Classification: Public

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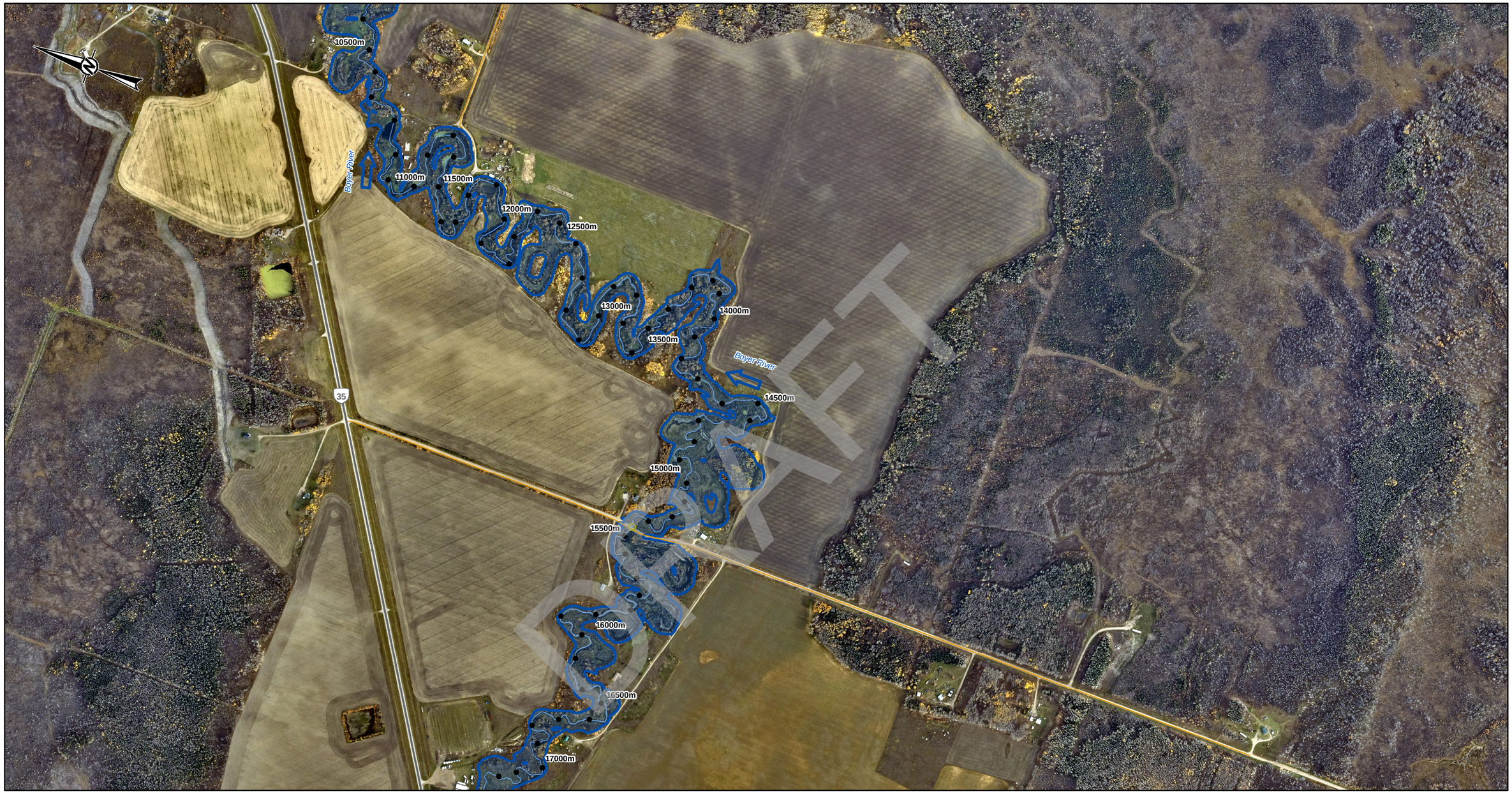


LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

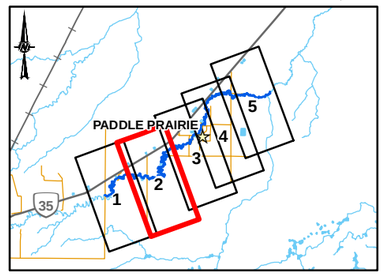
200-YEAR FLOOD INUNDATION EXTENT

- 200-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 46.3 M^3/S

SHEET 1 ↓



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1:10,000 METRES

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APPROVED	LH

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

200-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	2 OF 5

PATH: I:\CLIENT\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0200y-Inundation-_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:46:04 AM

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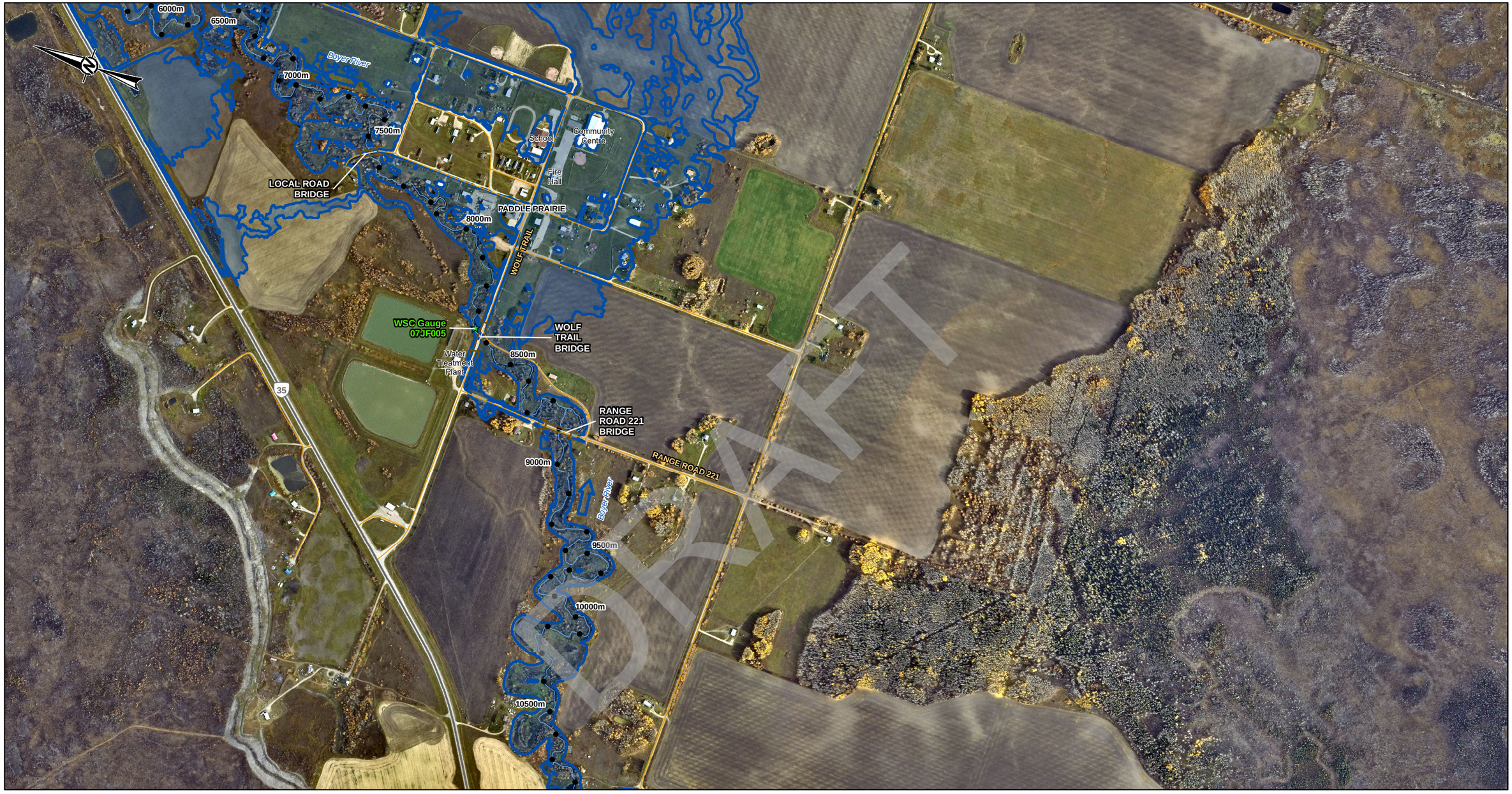
0 25mm

Classification: Public

SHEET 4 ↑



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

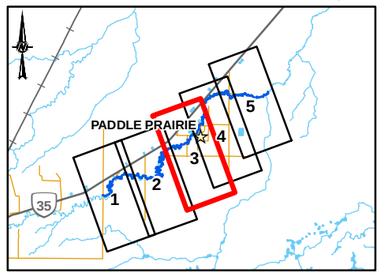
200-YEAR FLOOD INUNDATION EXTENT

- 200-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 46.3 M^3/S

SHEET 2 ↓



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1:10,000 METRES

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APPROVED	LH

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PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
200-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	3 OF 5

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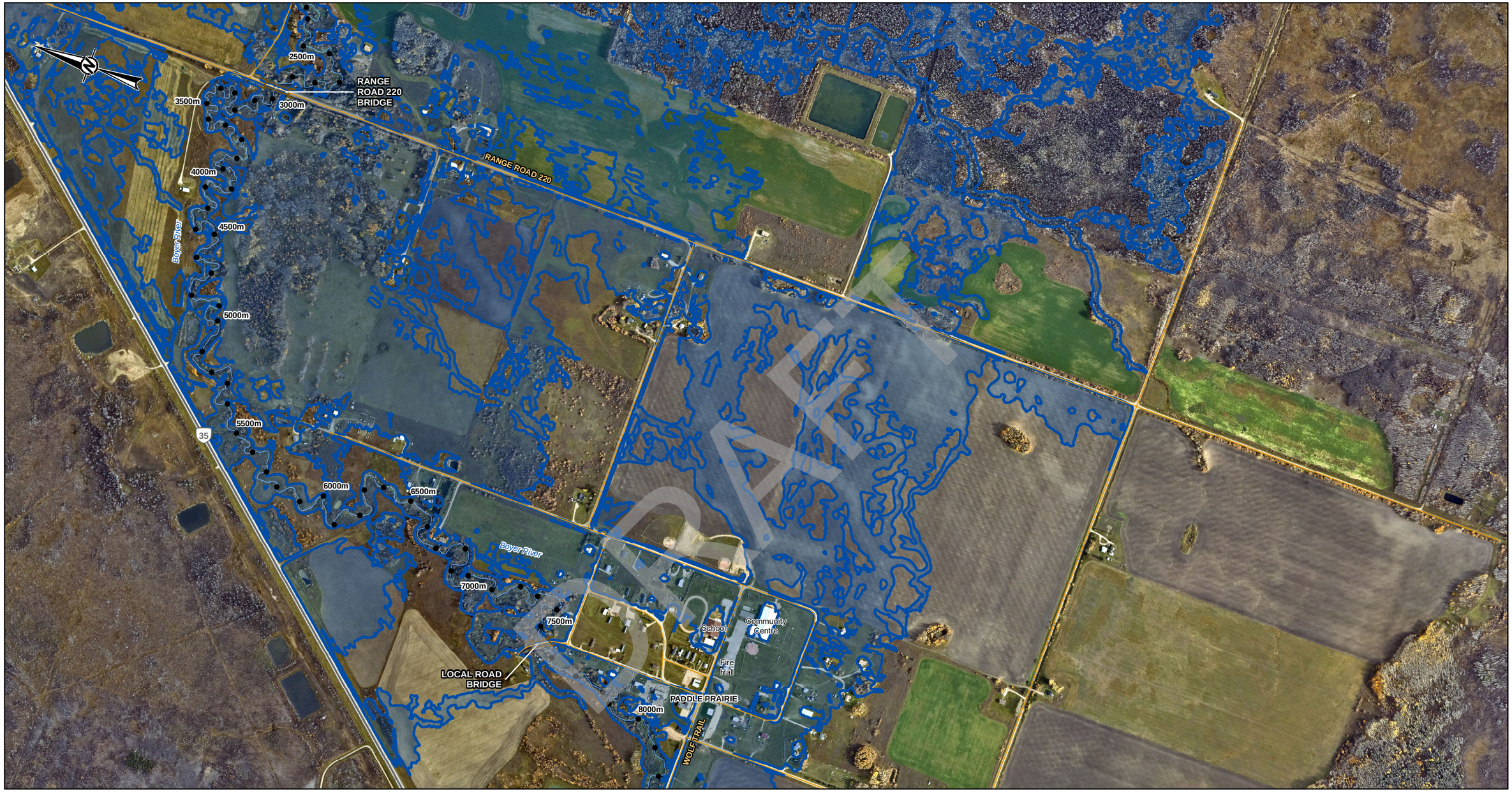
0 25mm

Classification: Public

SHEET 5 ↑



DRAFT

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

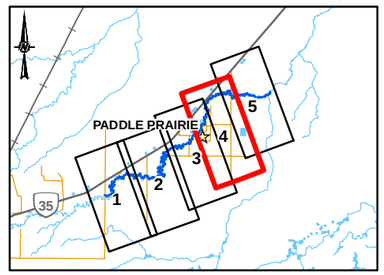
200-YEAR FLOOD INUNDATION EXTENT

- 200-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 46.3 M^3/S

SHEET 3 ↓



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1:10,000 METRES

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Alberta Canada

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

200-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	4 OF 5

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

0 25mm

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LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

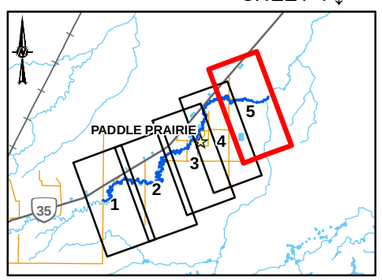
200-YEAR FLOOD INUNDATION EXTENT

- 200-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 46.3 M^3/S

SHEET 4 ↓



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WSP

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PREPARED	BS
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APPROVED	LH

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PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
200-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	5 OF 5

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

25mm

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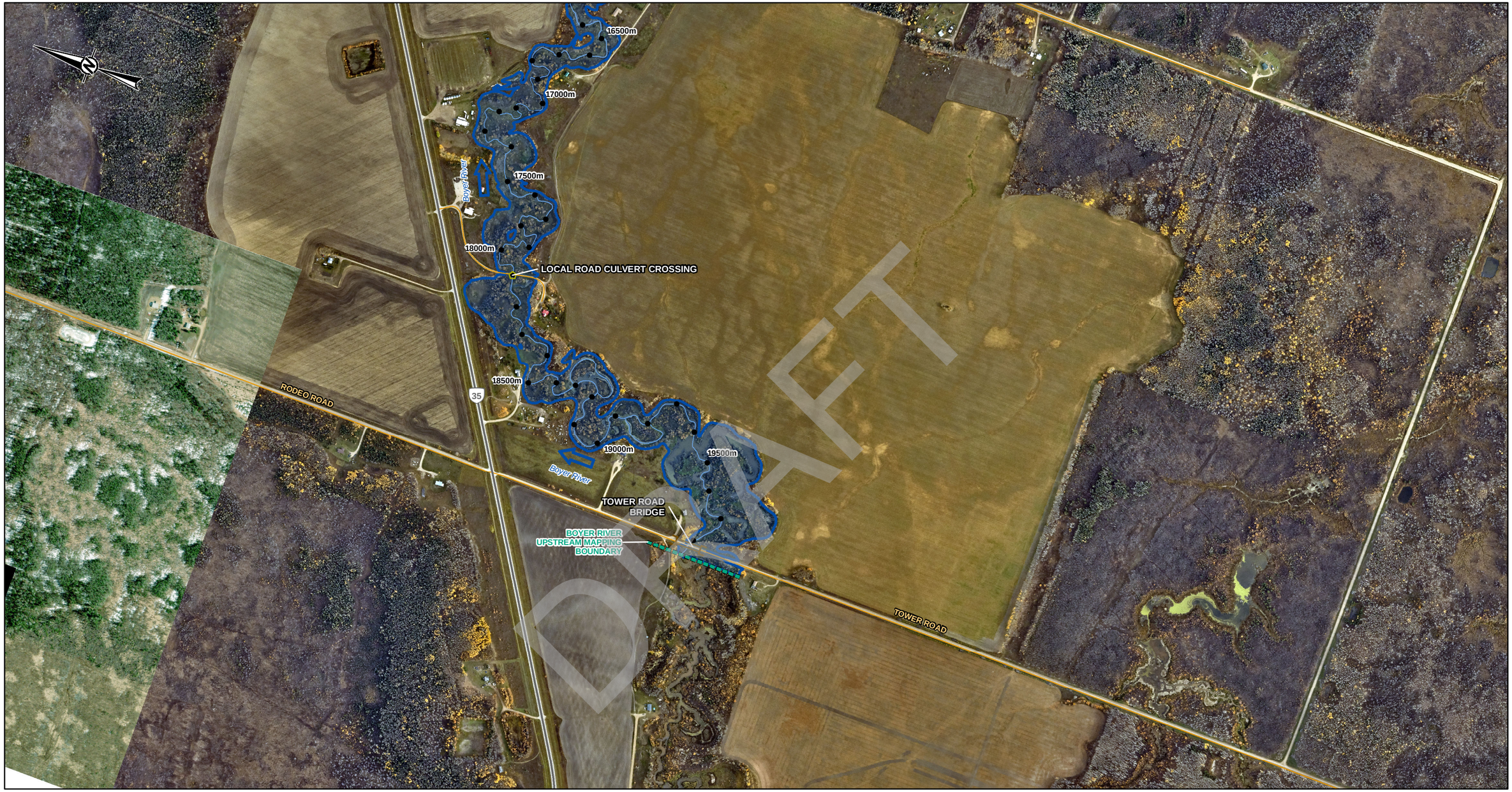


LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

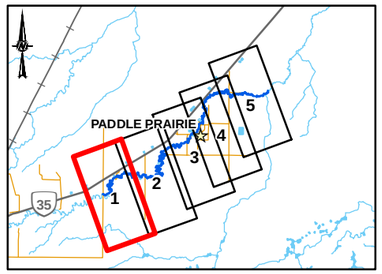
- CULVERT
- BRIDGE

350-YEAR FLOOD INUNDATION EXTENT

- 350-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 54.7 M^3/S



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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

350-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	1 OF 5

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

25mm

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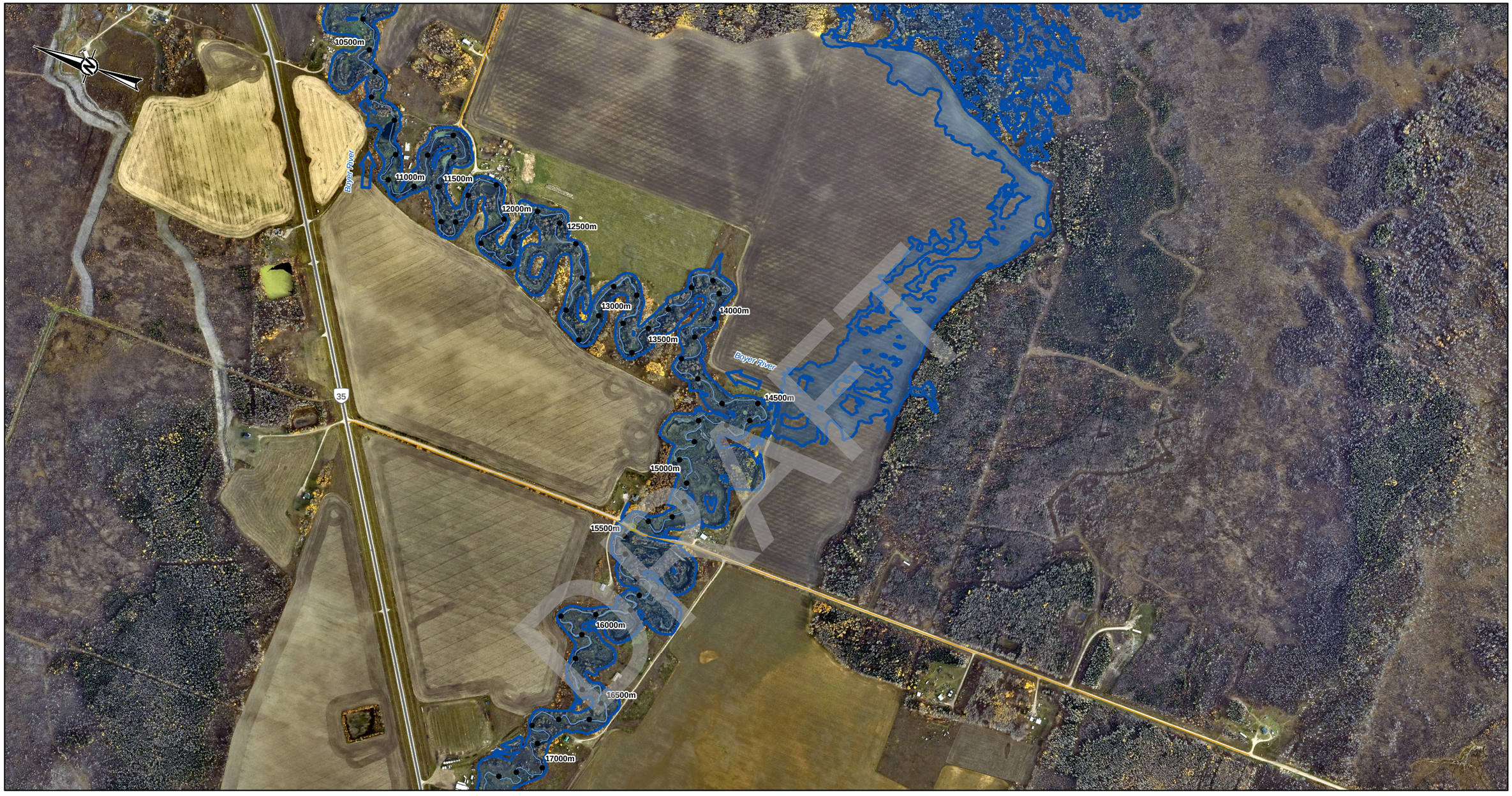

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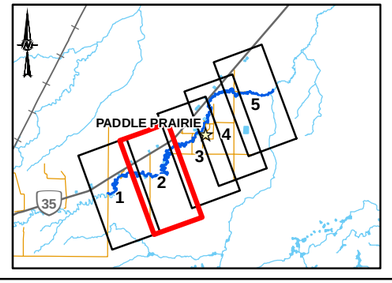

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

350-YEAR FLOOD INUNDATION EXTENT

- 350-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 54.7 M^3/S

0 200 400

1:10,000 METRES

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CONSULTANT

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

350-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	2 OF 5

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

25mm

0

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0350y-Inundation-_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:47:32 AM

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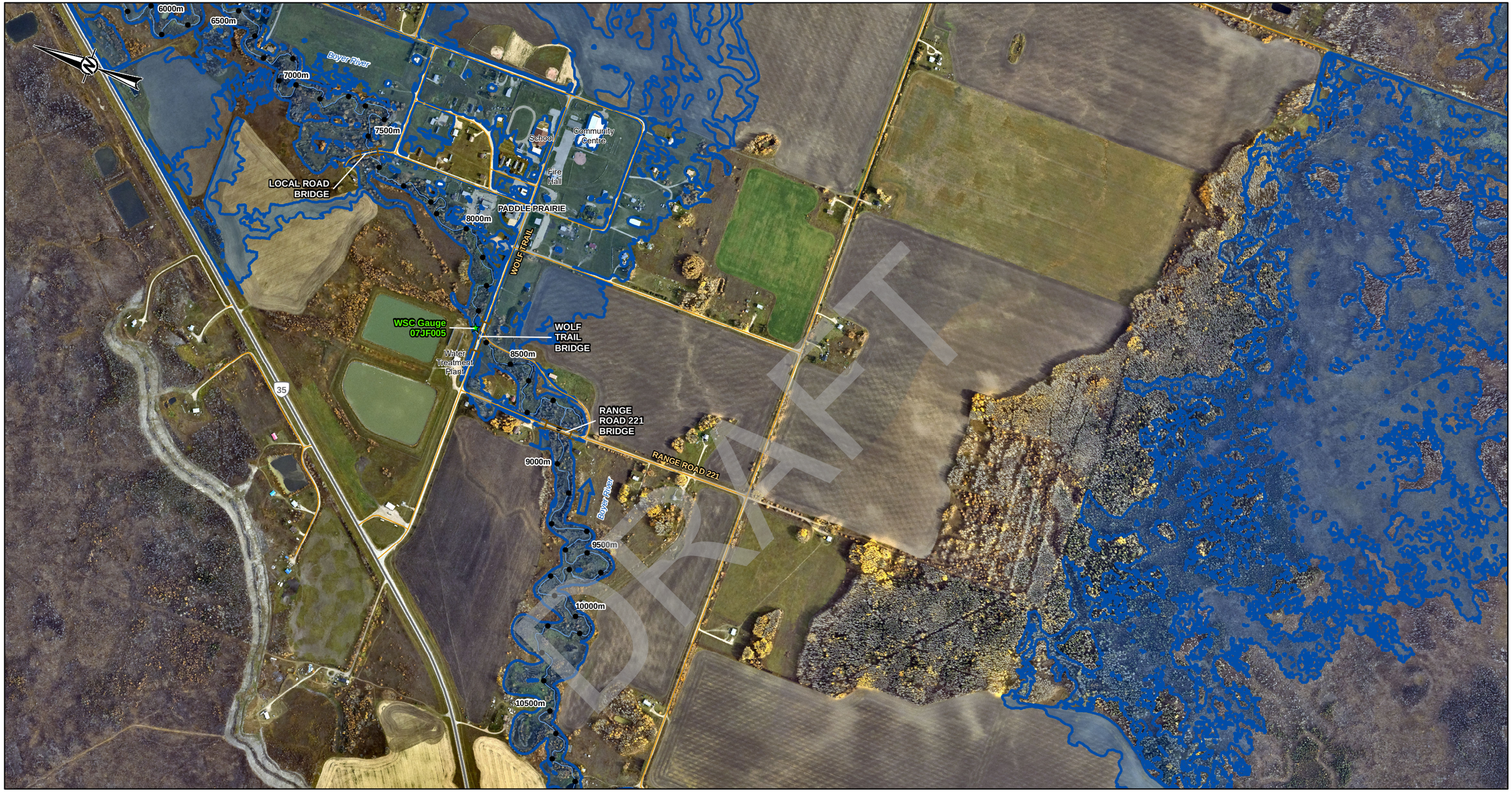

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
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- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

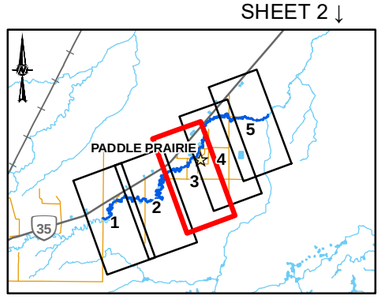
350-YEAR FLOOD INUNDATION EXTENT

- 350-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 54.7 M^3/S

SHEET 2 ↓



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1:10,000 METRES

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CONSULTANT

wsp

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APPROVED	LH

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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
350-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	3 OF 5

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

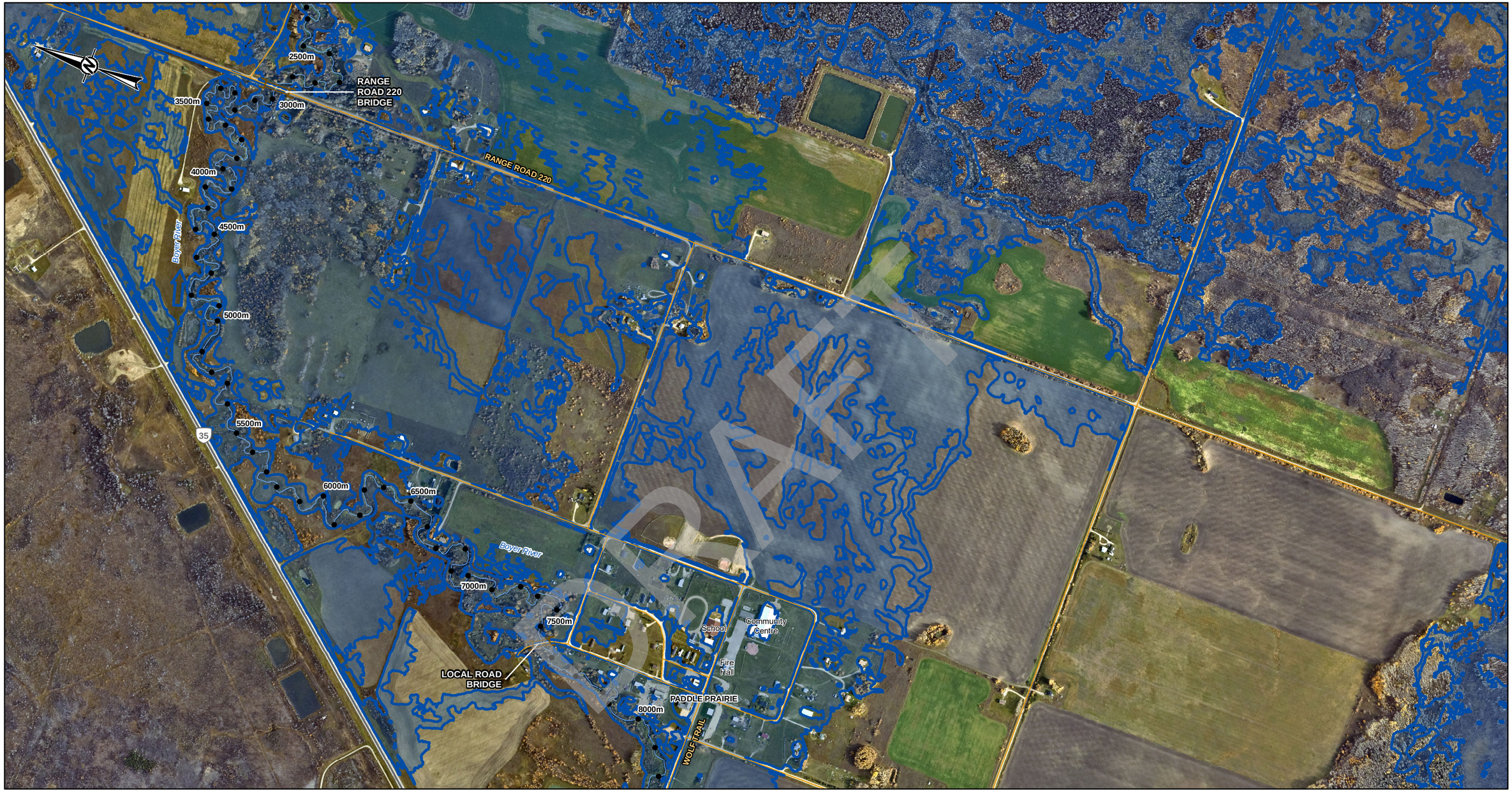
25mm

0

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Maps\rpt\23592570_0350y-Inundation_Rev0.mxd PRINTED ON: 2025-03-19 AT: 9:49:11 AM

Classification: Public

SHEET 5 ↑



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

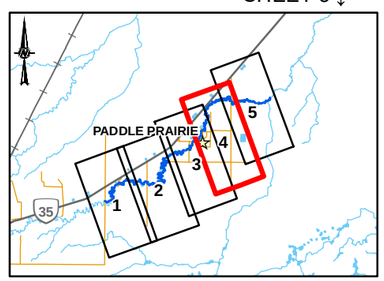
350-YEAR FLOOD INUNDATION EXTENT

- 350-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 54.7 M^3/S

SHEET 3 ↓



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CLIENT

ALBERTA ENVIRONMENT AND PROTECTED AREAS

Alberta Canada

CONSULTANT

wsp

YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

REFERENCE(S)

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

350-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	4 OF 5

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

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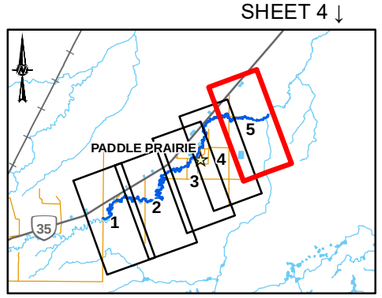
Classification: Public



SHEET 4 ↓



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

350-YEAR FLOOD INUNDATION EXTENT

- 350-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 54.7 M^3/S

0 200 400

1:10,000 METRES

CLIENT

ALBERTA ENVIRONMENT AND PROTECTED AREAS

Alberta Canada

CONSULTANT

wsp

YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

REFERENCE(S)

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

350-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	5 OF 5

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

25mm

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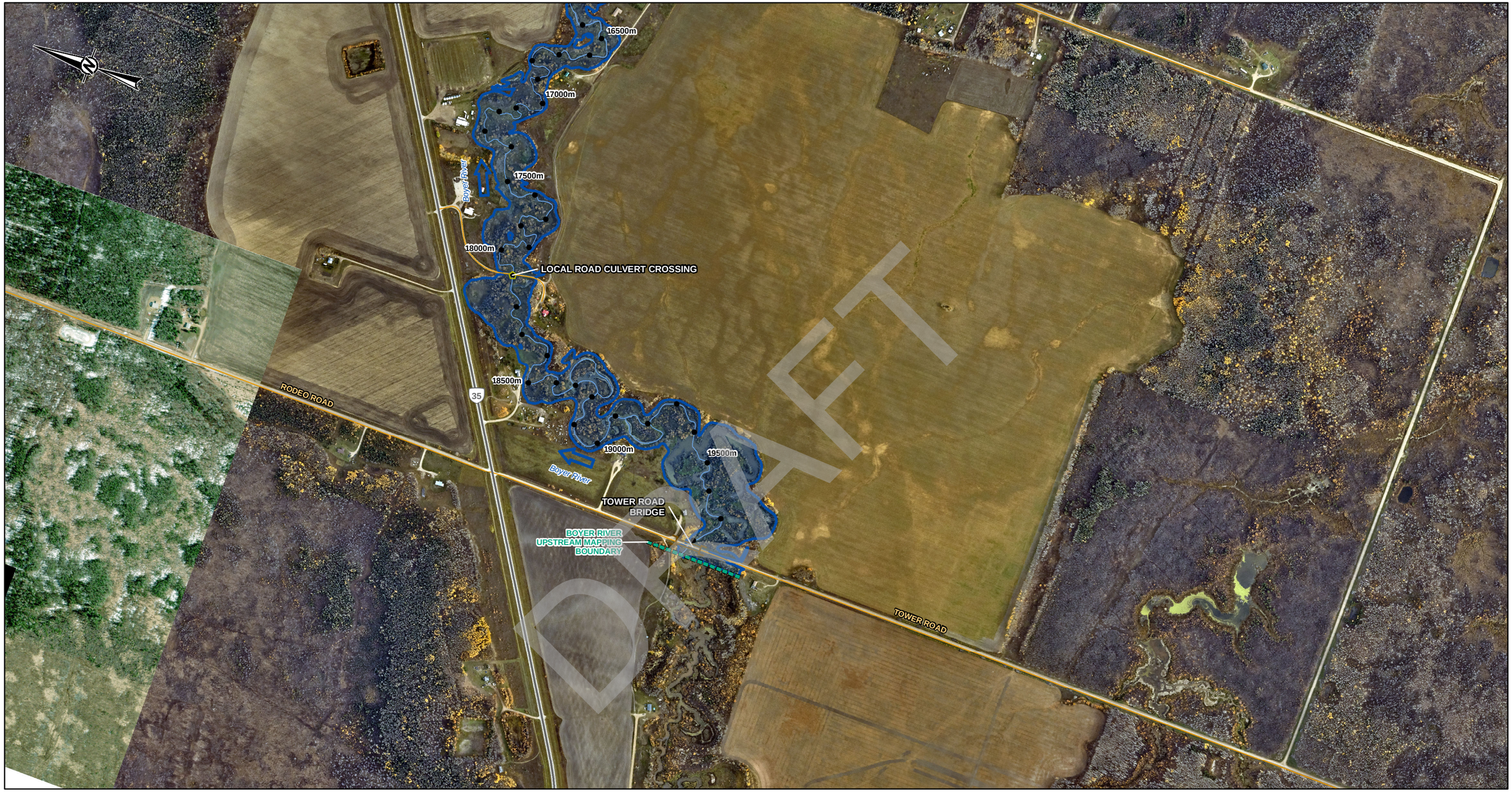

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
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- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

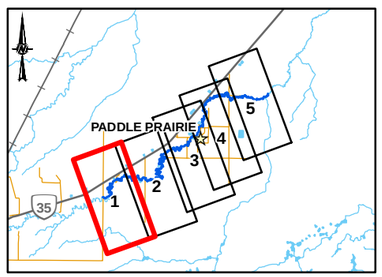
- CULVERT
- BRIDGE

500-YEAR FLOOD INUNDATION EXTENT

- 500-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 60.6 M^3/S



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YYYY-MM-DD	2025-03-18
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PREPARED	BS
REVIEWED	AL
APPROVED	LH

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

500-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	1 OF 5

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

25mm

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PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0500y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:31:10 AM

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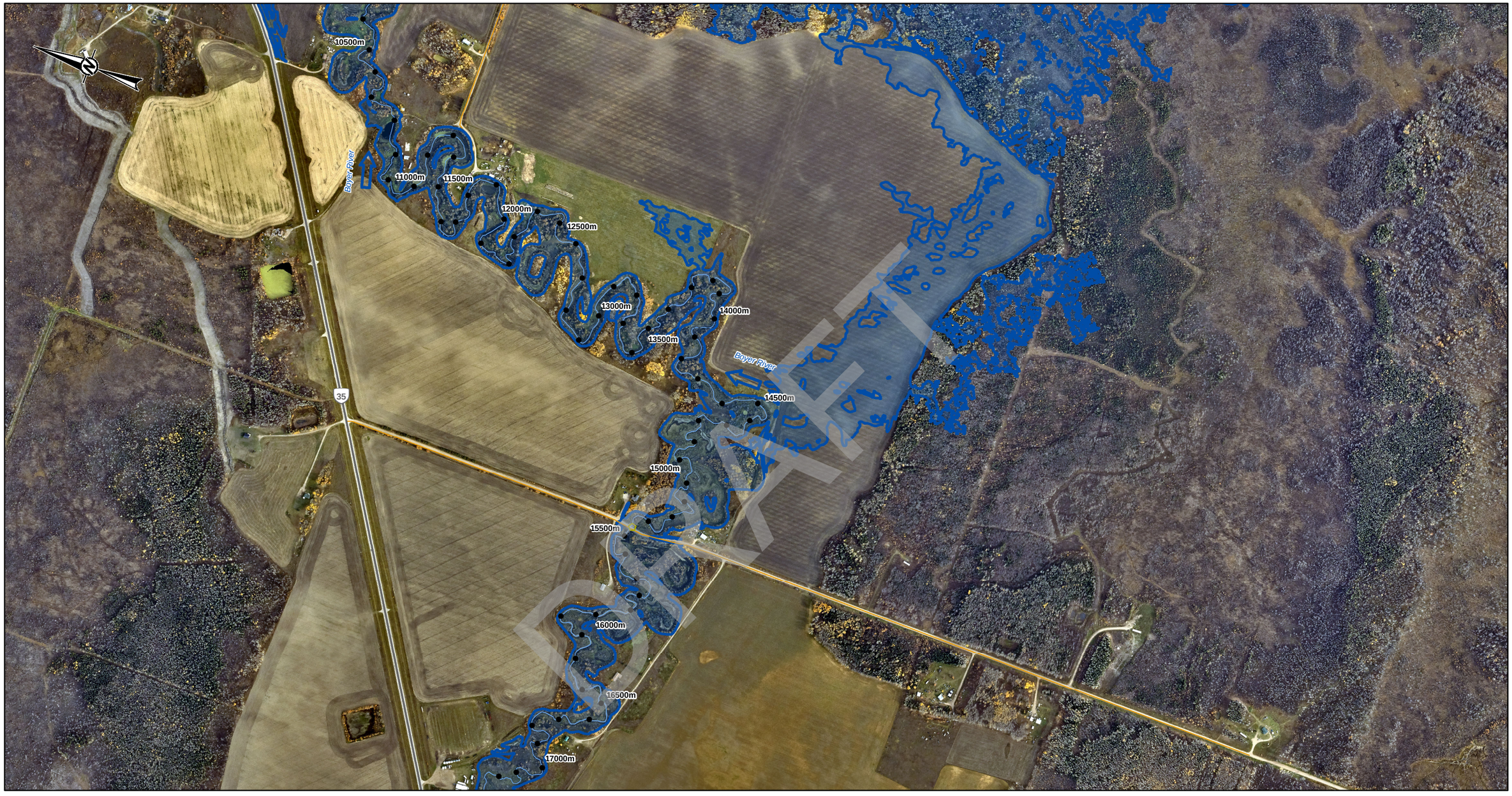

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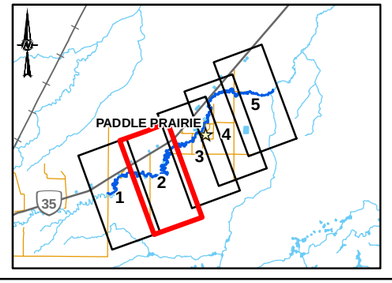

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
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- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

500-YEAR FLOOD INUNDATION EXTENT

- 500-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 60.6 M^3/S

0 200 400

1:10,000 METRES

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ALBERTA ENVIRONMENT AND PROTECTED AREAS

Alberta Canada

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wsp

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APPROVED	LH

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

500-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	2 OF 5

PATH: I:\CLIENT\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0500y-Inundation-_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:32:45 AM

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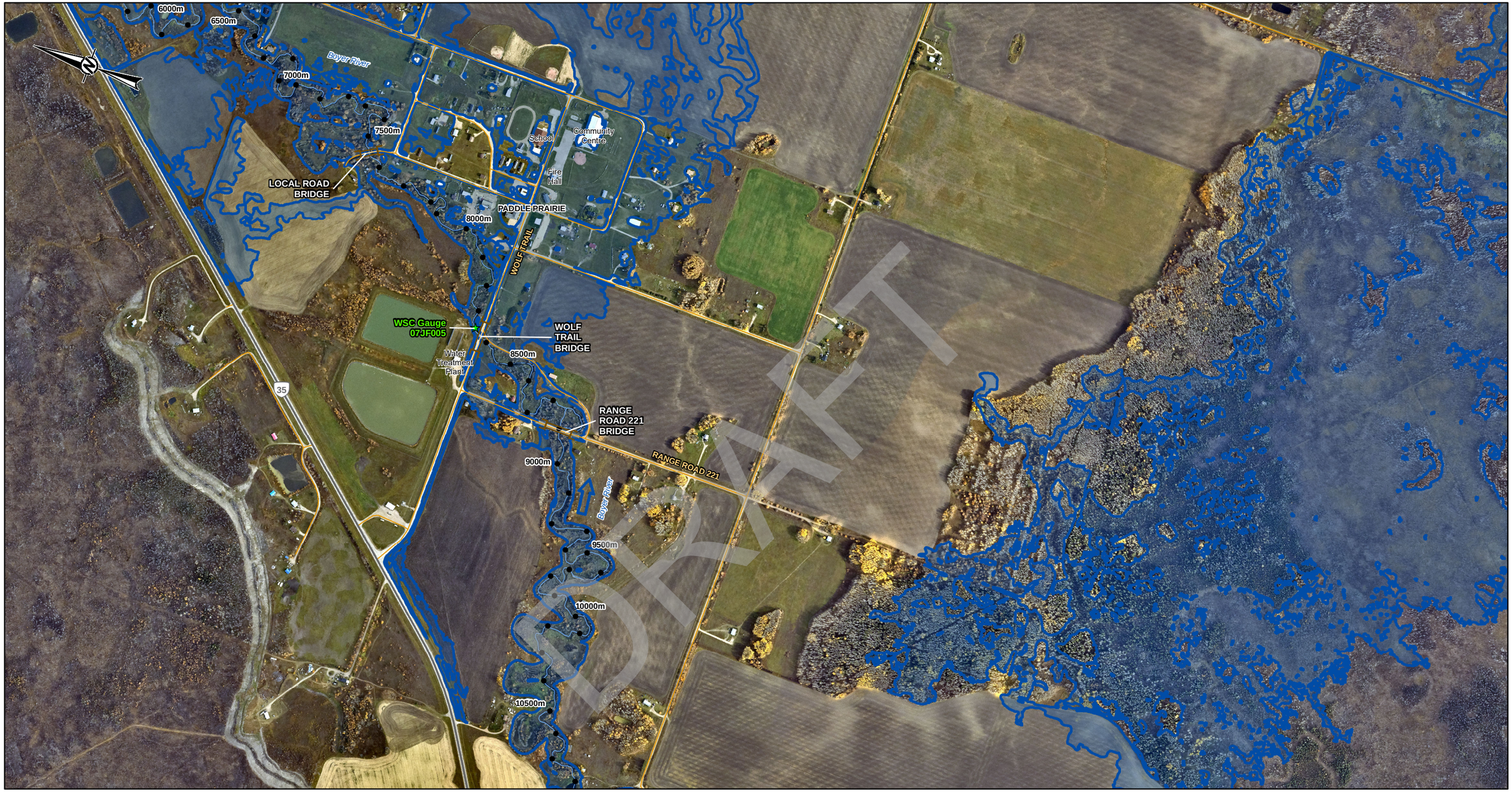

SHEET 2 ↓

LEGEND

- PROFILE STATION
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HYDRAULIC STRUCURES

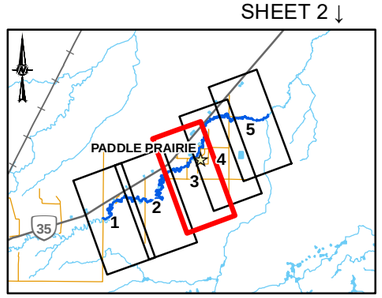
- CULVERT
- BRIDGE

500-YEAR FLOOD INUNDATION EXTENT

- 500-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 60.6 M^3/S



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ALBERTA ENVIRONMENT AND PROTECTED AREAS

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YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
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APPROVED	LH

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PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
500-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	3 OF 5

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Maps\rpt\23592570_0500yr-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:34:18 AM

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Classification: Public

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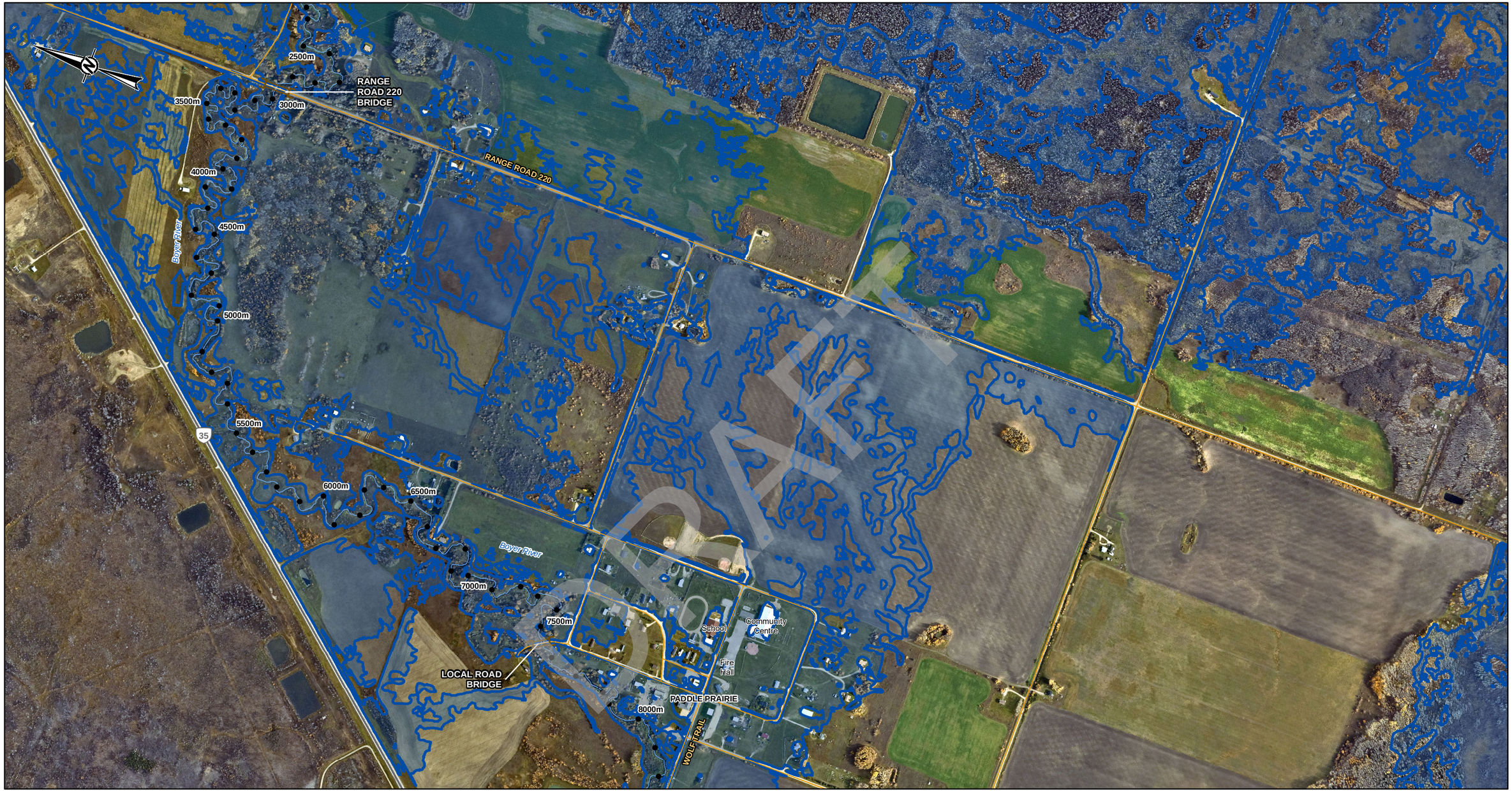

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
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- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

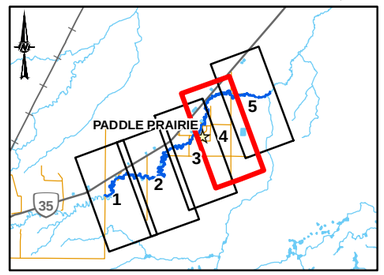
500-YEAR FLOOD INUNDATION EXTENT

- 500-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 60.6 M^3/S

SHEET 3 ↓



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1:10,000 METRES

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ALBERTA ENVIRONMENT AND PROTECTED AREAS

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YYYY-MM-DD	2025-03-18
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PREPARED	BS
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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

500-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	4 OF 5

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

0 25mm

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BOYER RIVER DOWNSTREAM MAPPING BOUNDARY

500m

1000m

1500m

2000m

2500m

3000m

3500m

4000m

RANGE ROAD 220 BRIDGE

RANGE ROAD 220

Boyer River

35

LEGEND

- PROFILE STATION
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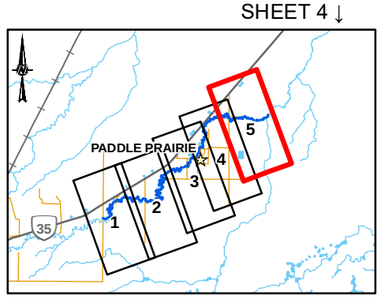
500-YEAR FLOOD INUNDATION EXTENT

- 500-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 60.6 M^3/S

SHEET 4 ↓



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1:10,000 METRES

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PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
500-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	5 OF 5

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0 25mm

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water\ Flood Inundation Mapping\23592570_0500y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT 9:37:26 AM

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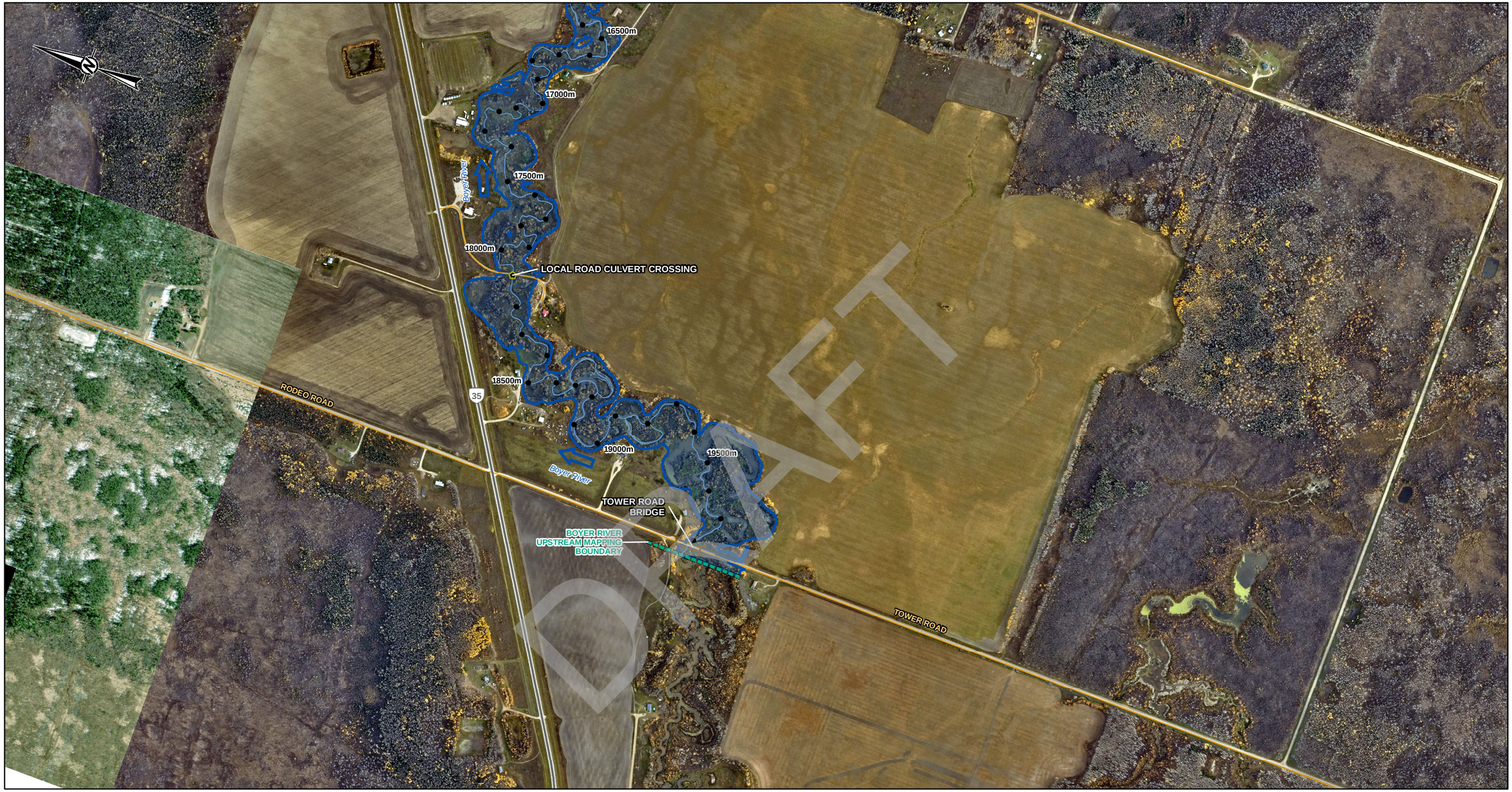

LEGEND

- PROFILE STATION
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HYDRAULIC STRUCURES

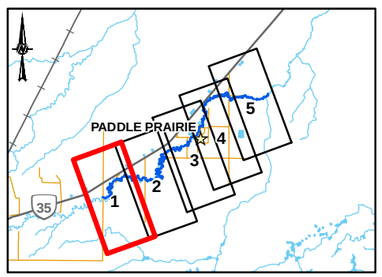
- CULVERT
- BRIDGE

750-YEAR FLOOD INUNDATION EXTENT

- 750-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 67.7 M^3/S



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PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
750-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	1 OF 5

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

25mm

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PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0750y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:46:01 AM

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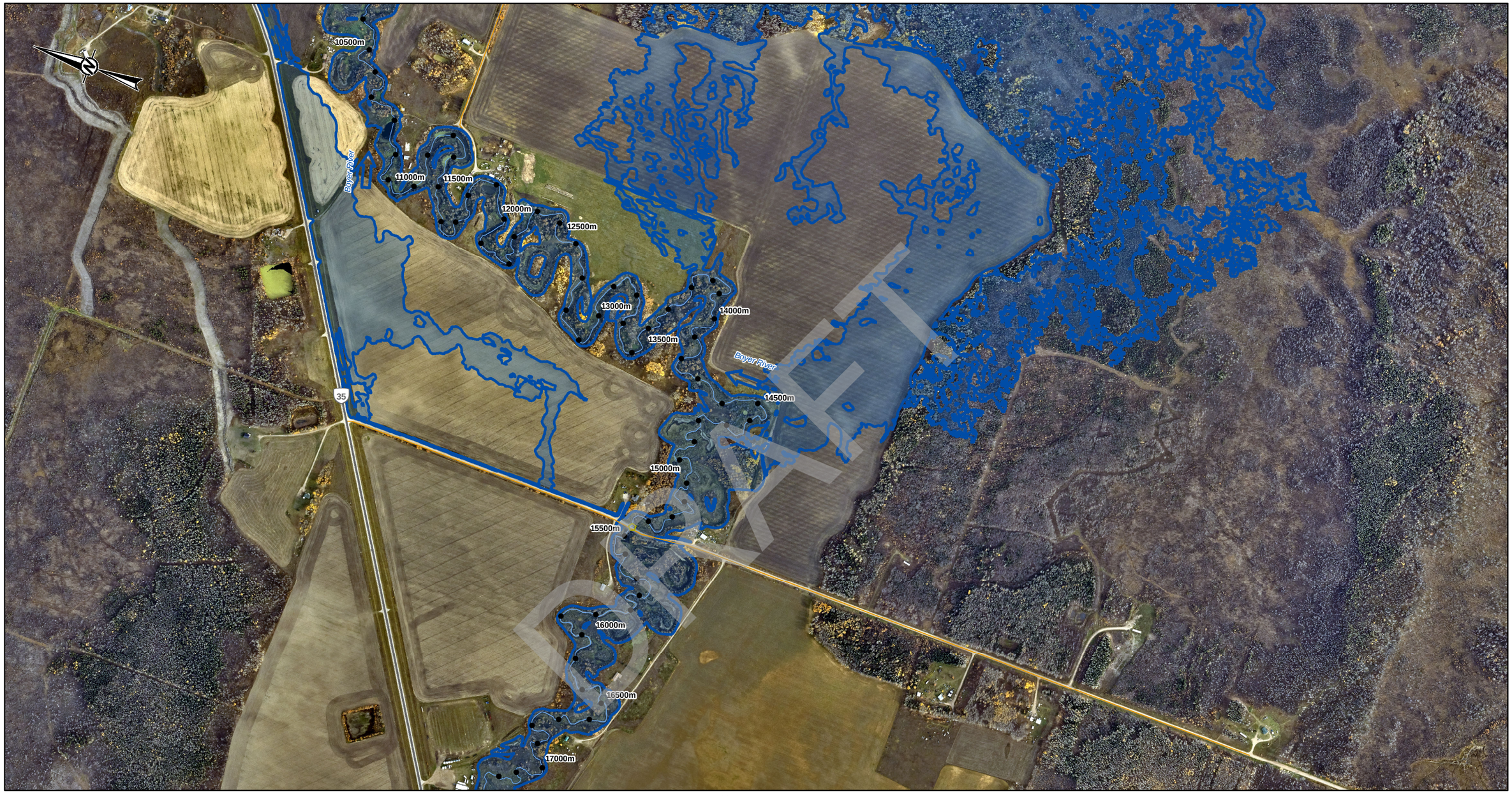

LEGEND

- PROFILE STATION
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- SECONDARY ROAD
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- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

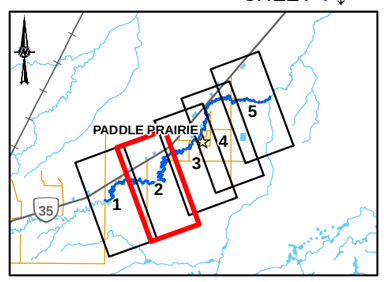
750-YEAR FLOOD INUNDATION EXTENT

- 750-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 67.7 M^3/S

SHEET 1 ↓



0 200 400

1:10,000 METRES

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ALBERTA ENVIRONMENT AND PROTECTED AREAS

Alberta Canada

CONSULTANT

wsp

YYYY-MM-DD	2025-03-18
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PREPARED	BS
REVIEWED	AL
APPROVED	LH

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

750-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	2 OF 5

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0 25mm

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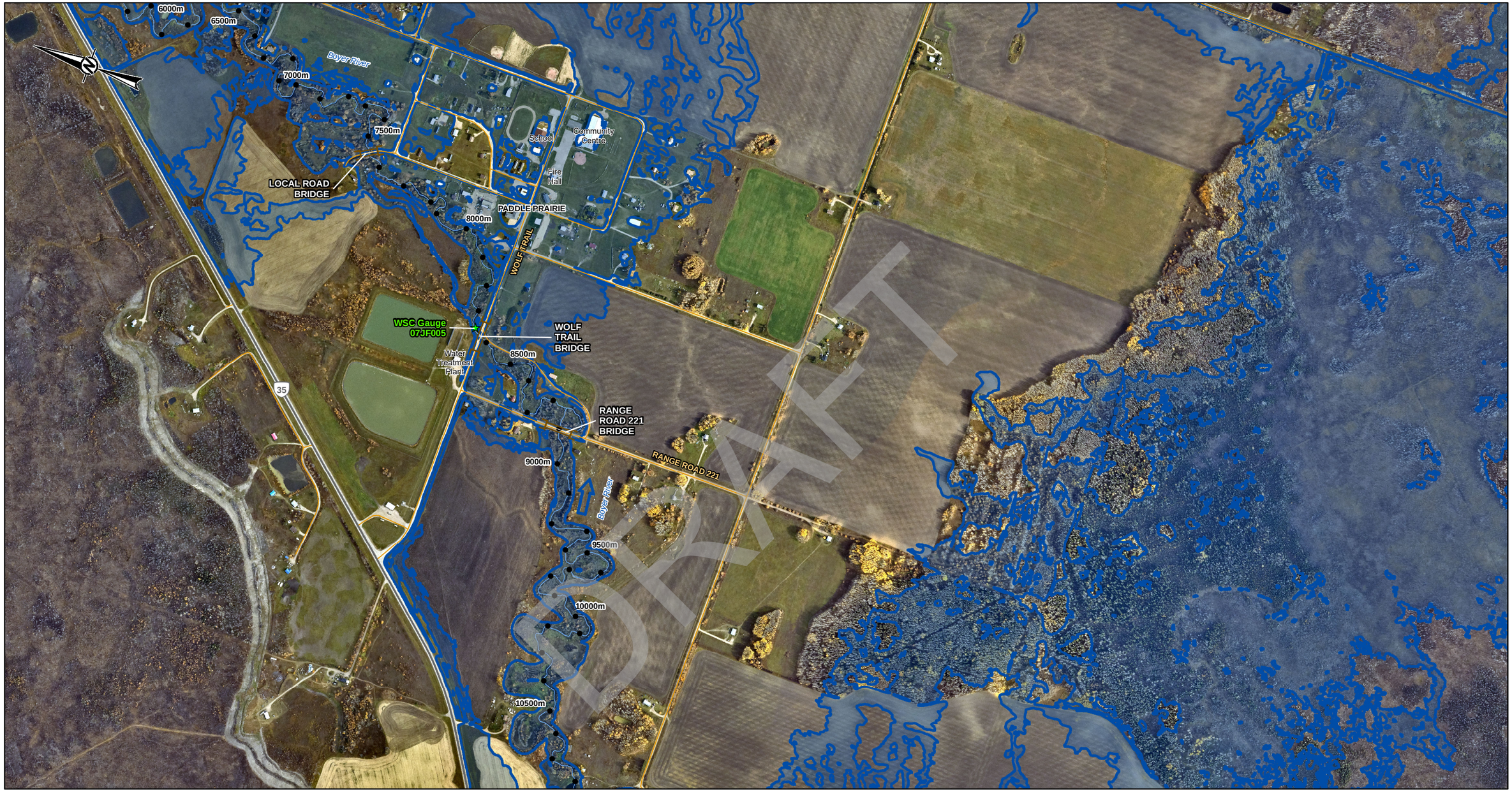
Classification: Public

SHEET 4 ↑



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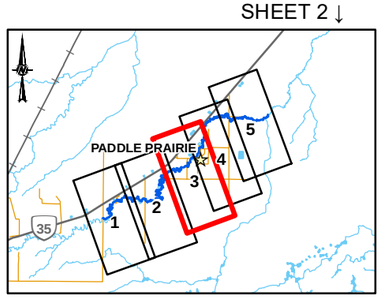

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

750-YEAR FLOOD INUNDATION EXTENT

- 750-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 67.7 M^3/S

0 200 400

1:10,000 METRES

REFERENCE(S)

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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

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ALBERTA ENVIRONMENT AND PROTECTED AREAS

CONSULTANT
wsp

YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
750-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	3 OF 5

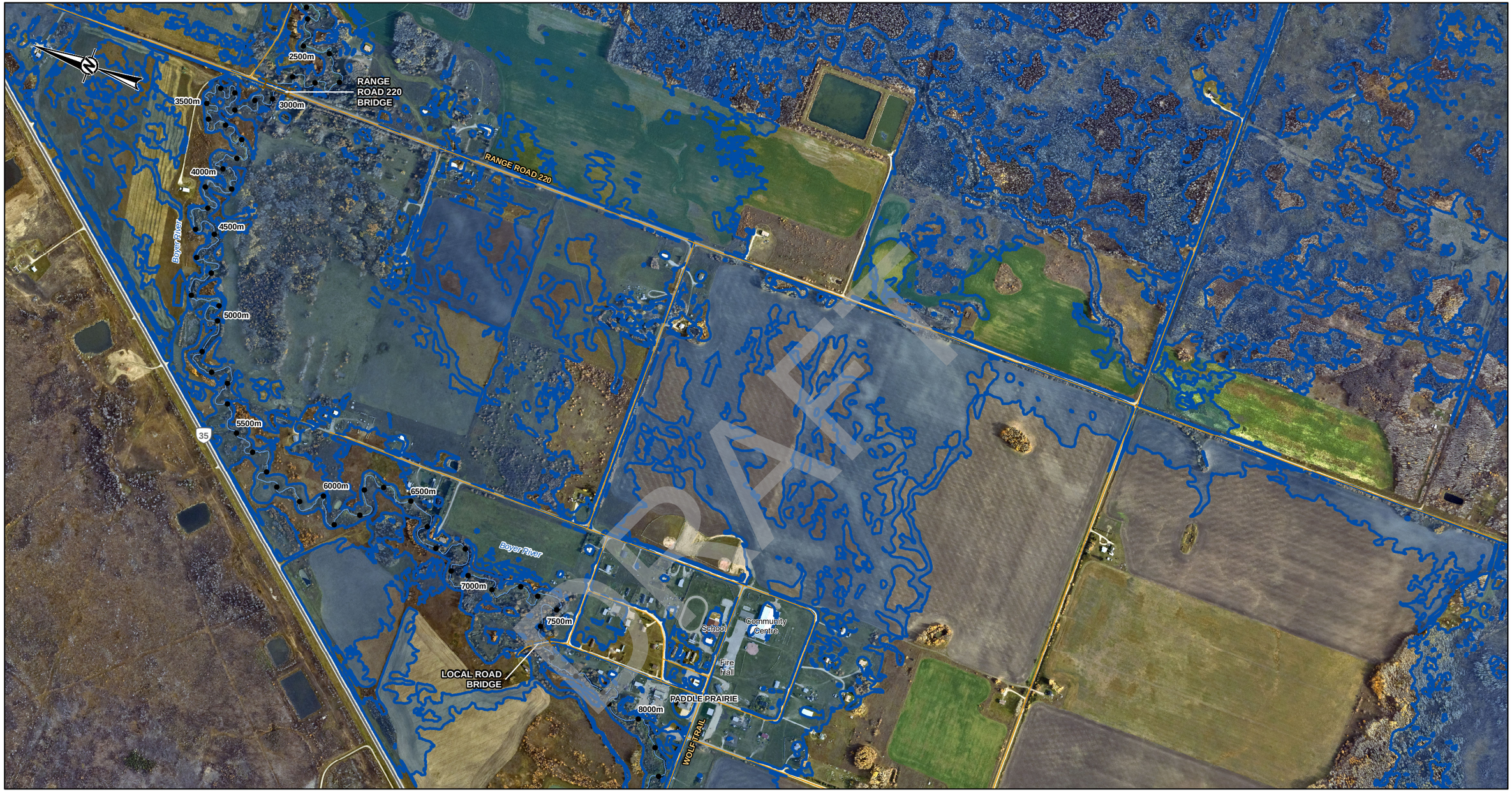
IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

0 25mm

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Padde_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0750y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:49:46 AM

Classification: Public

SHEET 5 ↑



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

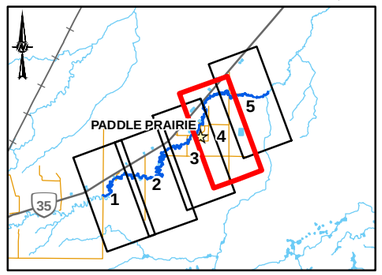
- CULVERT
- BRIDGE

750-YEAR FLOOD INUNDATION EXTENT

- 750-YEAR FLOOD EXTENT

DISCHARGE
BOYER RIVER = 67.7 M^3/S

SHEET 3 ↓



0 200 400
1:10,000 METRES

CLIENT
ALBERTA ENVIRONMENT AND PROTECTED AREAS

CONSULTANT

YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

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PROJECT
PADDLE PRAIRIE FLOOD STUDY

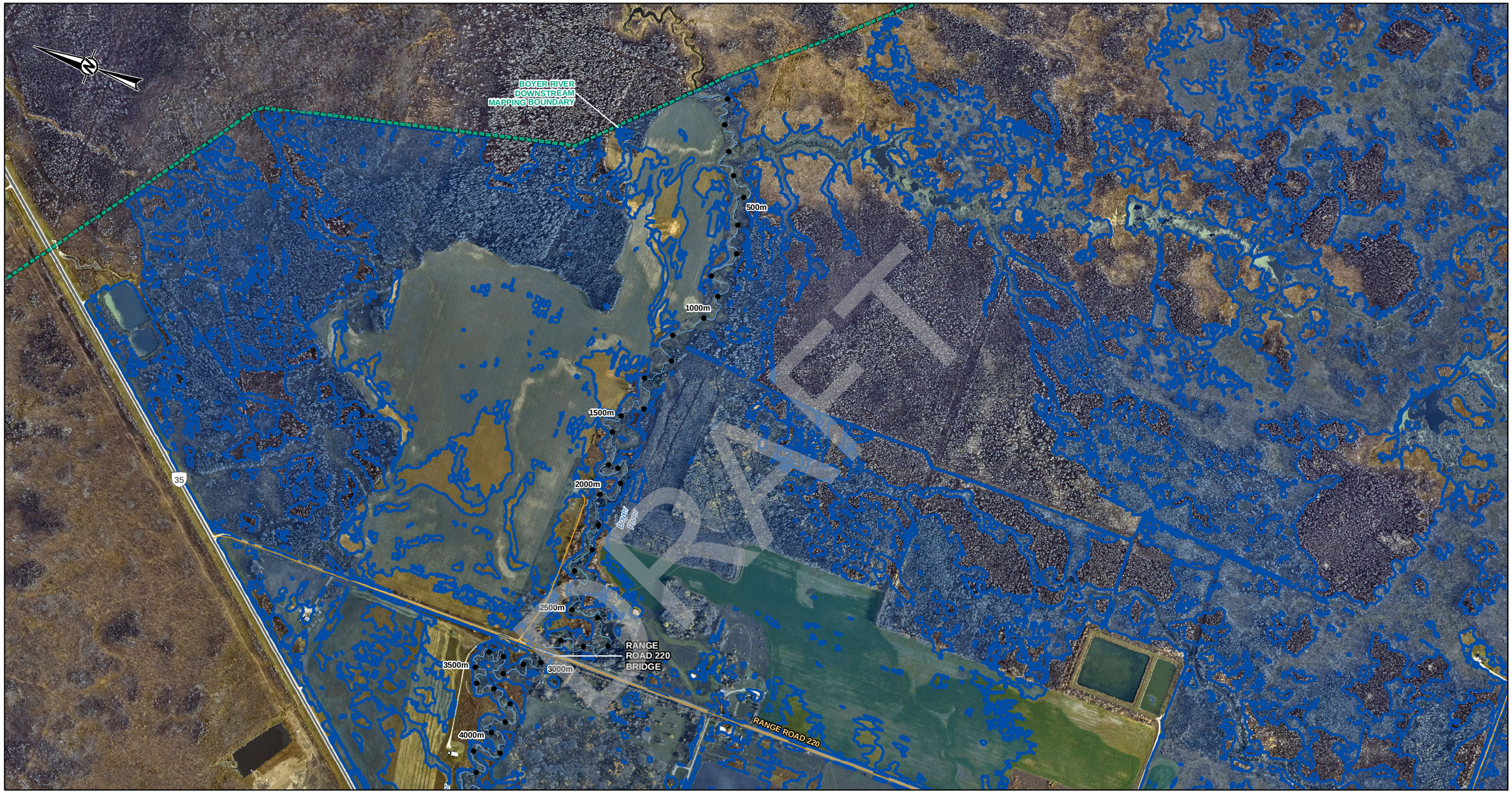
TITLE
750-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	4 OF 5

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B
25mm
0

PATH: I:\CLIENT\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_0750y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:51:27 AM

Classification: Public



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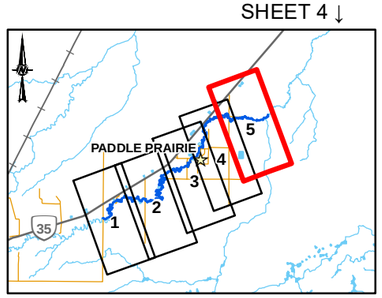

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

750-YEAR FLOOD INUNDATION EXTENT

- 750-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 67.7 M^3/S

0 200 400

1:10,000 METRES

CLIENT

ALBERTA ENVIRONMENT AND PROTECTED AREAS

Alberta Canada

CONSULTANT

wsp

YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

750-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	5 OF 5

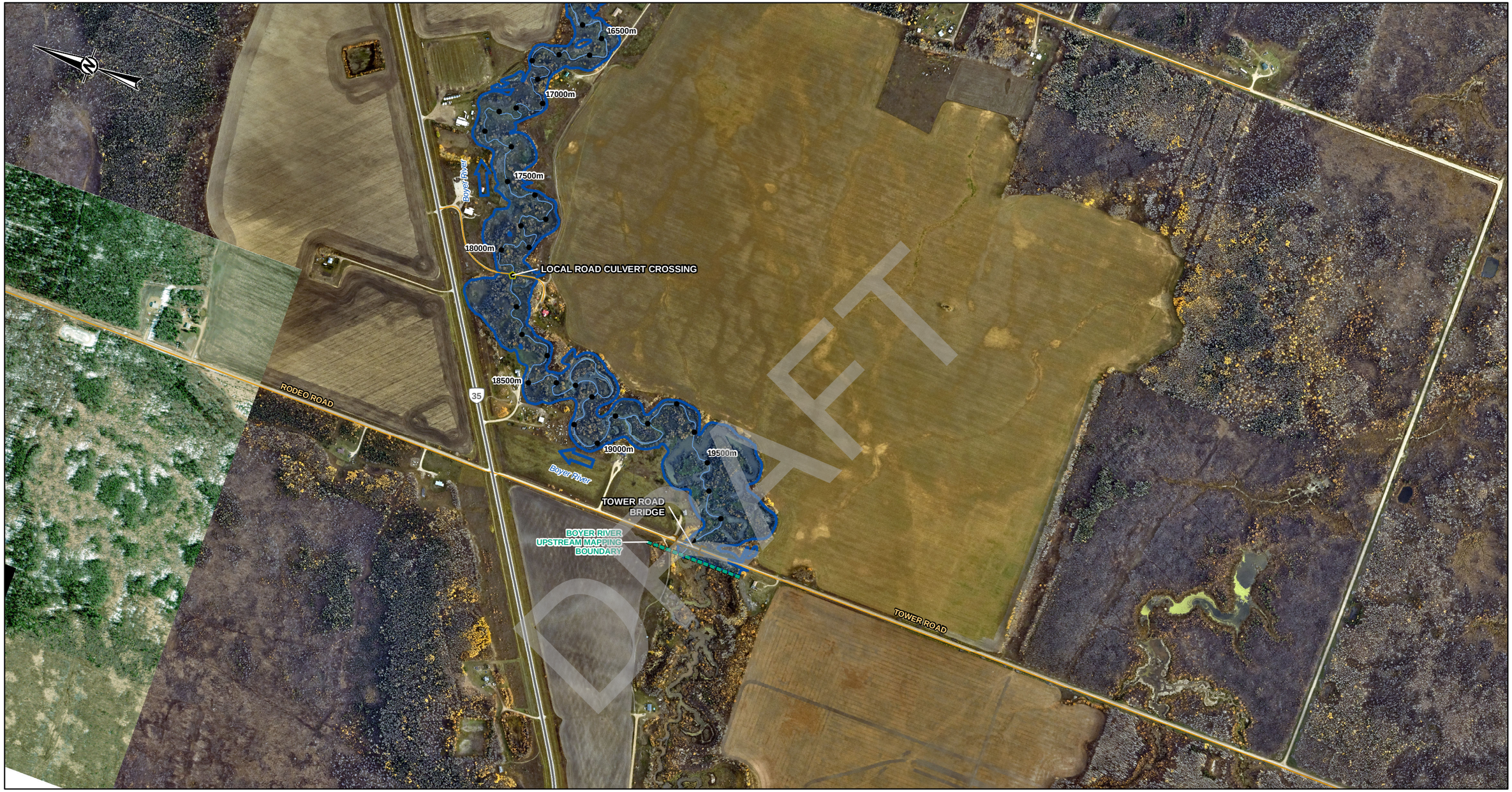
IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

0 25mm

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water\ Flood Inundation Maps\rg\23592570_0750y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT 8:53:13 AM

Classification: Public

SHEET 2 ↑



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

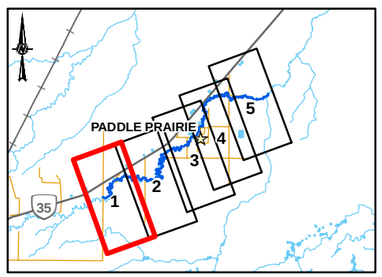
- CULVERT
- BRIDGE

1000-YEAR FLOOD INUNDATION EXTENT

- 1000-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 73.1 M^3/S



0 200 400

1:10,000 METRES

CLIENT

ALBERTA ENVIRONMENT AND PROTECTED AREAS

Alberta Canada

CONSULTANT

wsp

YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

REFERENCE(S)

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

1000-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	1 OF 5

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

25mm

0

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_1000y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:46:39 AM

Classification: Public

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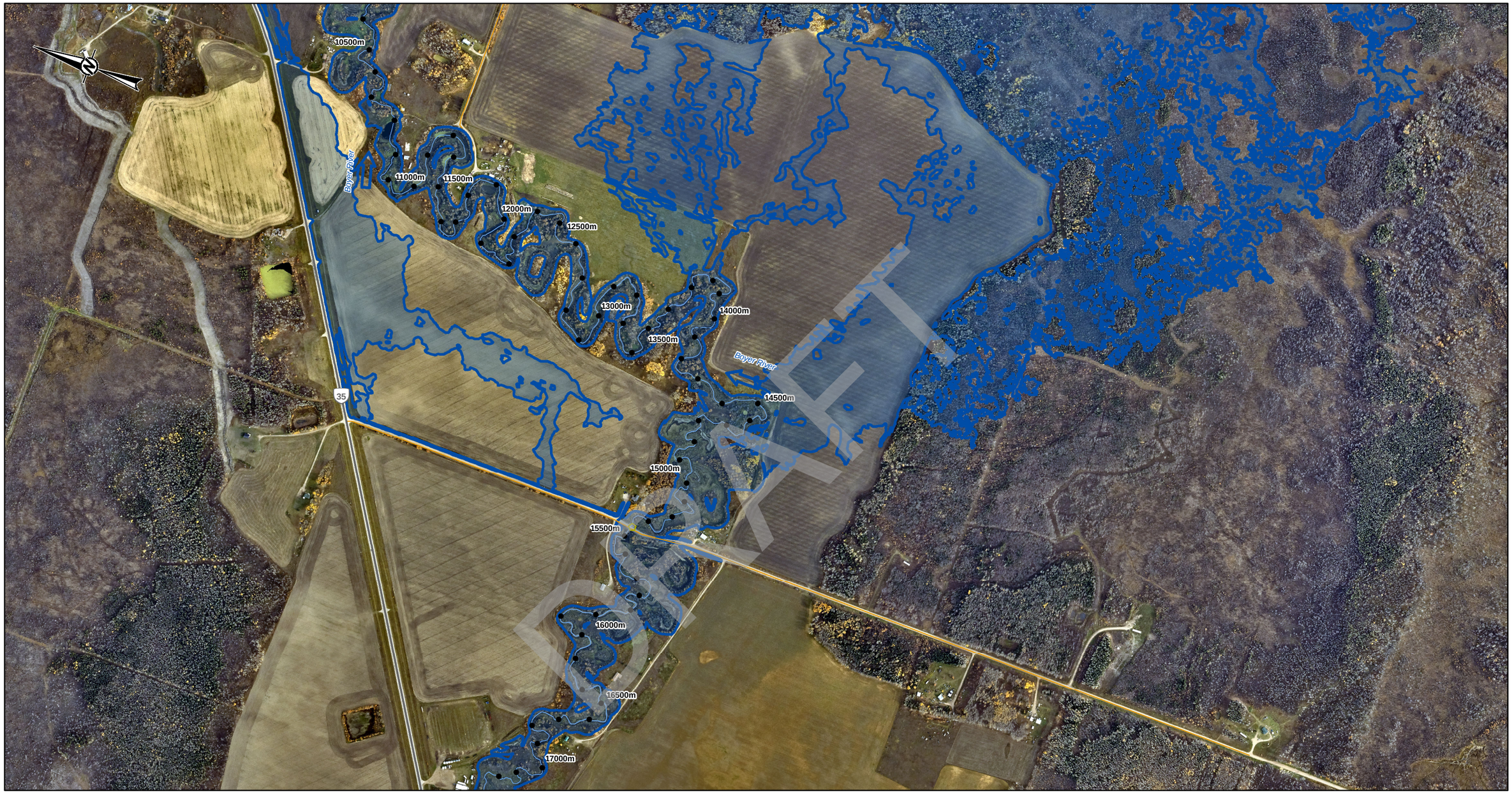

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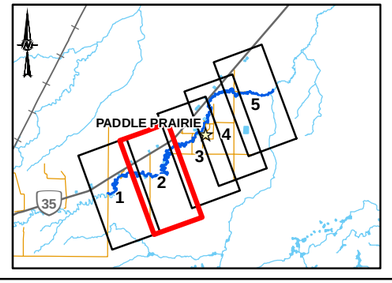

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

1000-YEAR FLOOD INUNDATION EXTENT

- 1000-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 73.1 M^3/S

0 200 400

1:10,000 METRES

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ALBERTA ENVIRONMENT AND PROTECTED AREAS

CONSULTANT

YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
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APPROVED	LH

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

1000-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	2 OF 5

PATH: I:\CLIENT\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_1000y-Inundation-_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:48:22 AM

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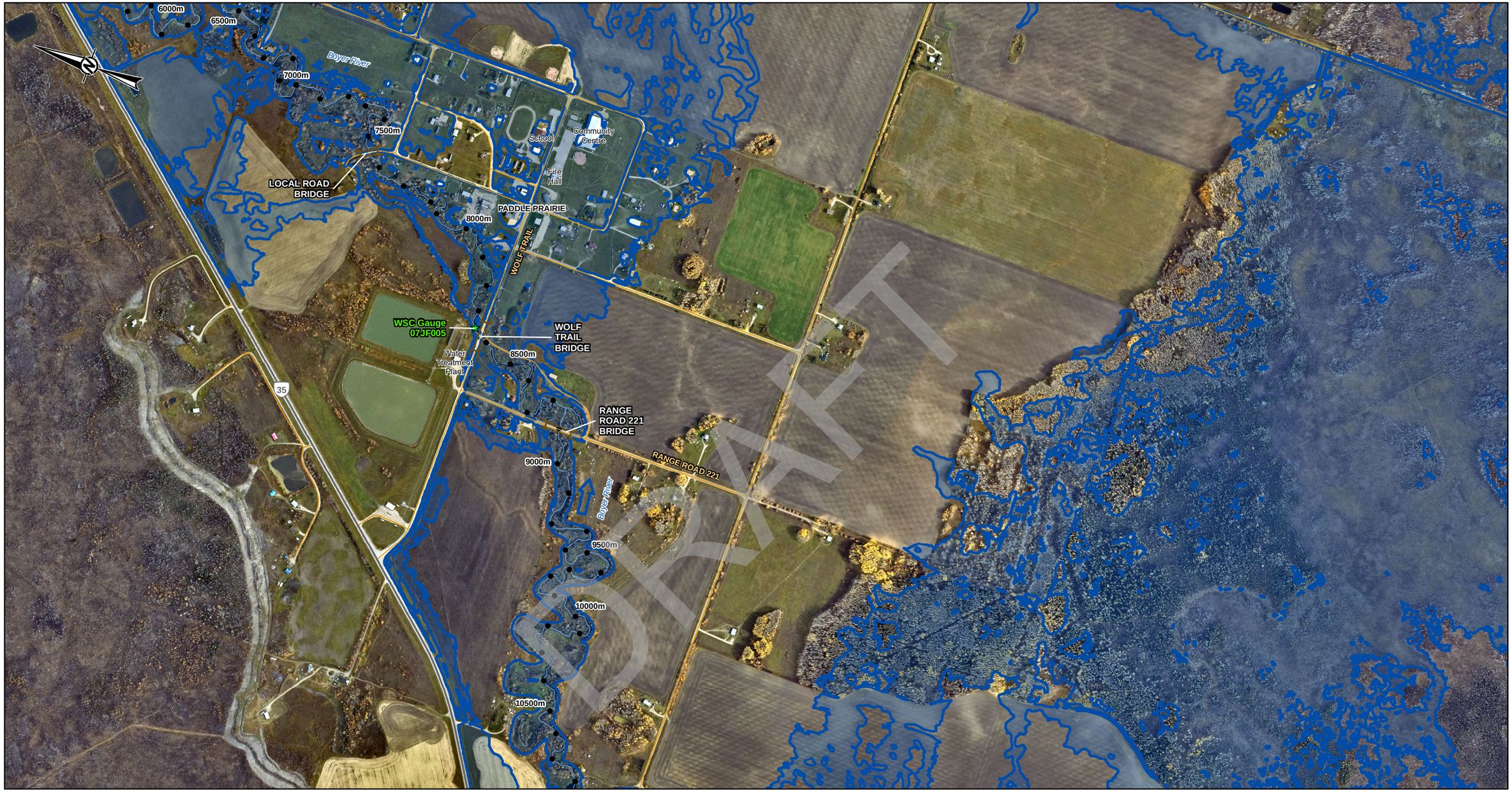
0 25mm

Classification: Public

SHEET 4 ↑



SHEET 2 ↓

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

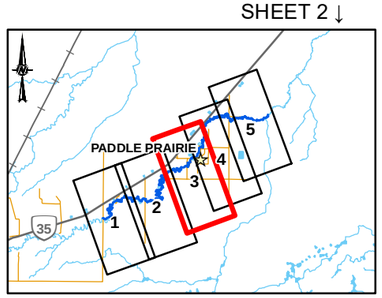
- CULVERT
- BRIDGE

1000-YEAR FLOOD INUNDATION EXTENT

- 1000-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 73.1 M^3/S



0 200 400

1:10,000 METRES

CLIENT
ALBERTA ENVIRONMENT AND PROTECTED AREAS

Alberta Canada

CONSULTANT
wsp

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DESIGNED	LH
PREPARED	BS
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APPROVED	LH

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PROJECT
PADDLE PRAIRIE FLOOD STUDY

TITLE
1000-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	3 OF 5

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Maps\rpt\23592570_1000yr-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:50:10 AM

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25mm

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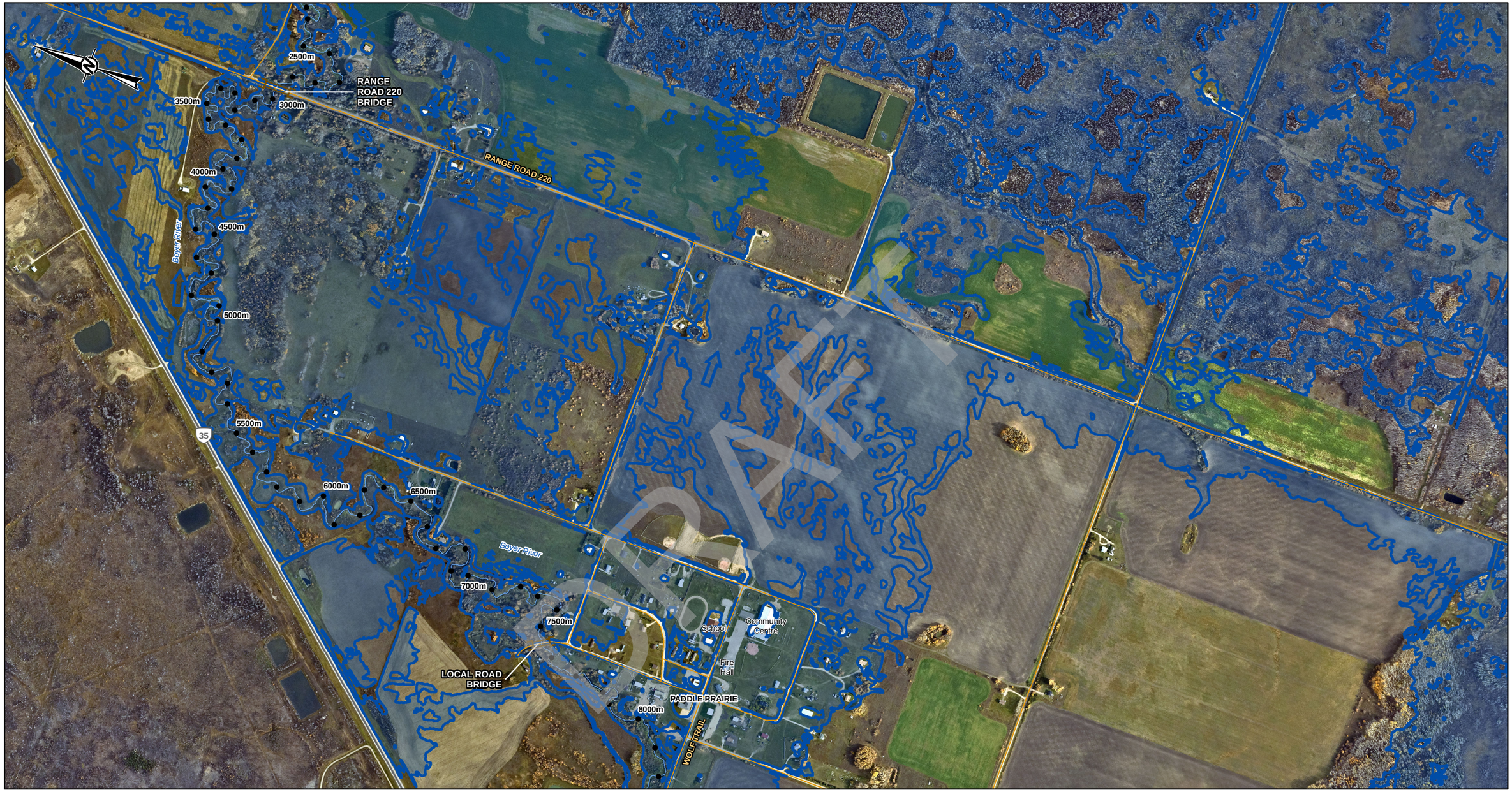
Classification: Public

SHEET 5 ↑



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

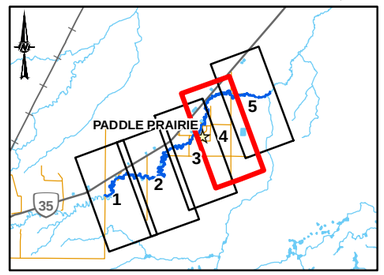
1000-YEAR FLOOD INUNDATION EXTENT

- 1000-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 73.1 M^3/S

SHEET 3 ↓



0 200 400

1:10,000 METRES

CLIENT

ALBERTA ENVIRONMENT AND PROTECTED AREAS

Alberta Canada

CONSULTANT

wsp

YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

1000-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	4 OF 5

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water Flood Inundation Mapping\23592570_1000y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT: 9:51:56 AM

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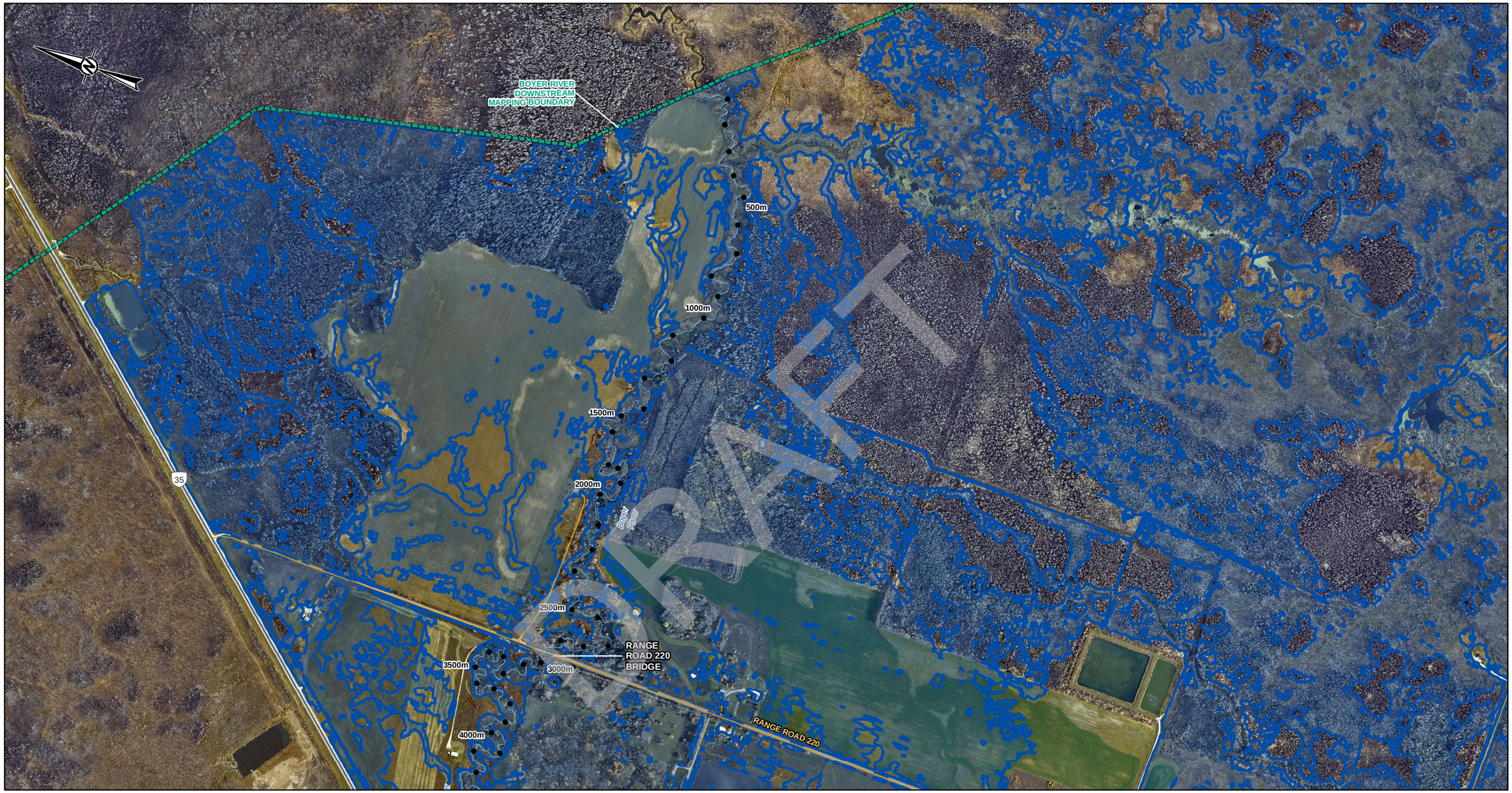
0 25mm

Classification: Public



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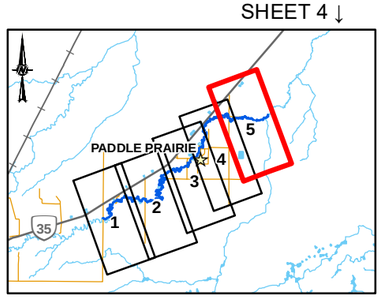

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- PRIMARY HIGHWAY
- SECONDARY ROAD
- LOCAL ROAD
- CHANNEL CENTRELINE
- HYDROMETRIC GAUGING STATION

HYDRAULIC STRUCURES

- CULVERT
- BRIDGE

1000-YEAR FLOOD INUNDATION EXTENT

- 1000-YEAR FLOOD EXTENT

DISCHARGE

BOYER RIVER = 73.1 M^3/S

0 200 400

1:10,000 METRES

CLIENT

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Alberta Canada

CONSULTANT

wsp

YYYY-MM-DD	2025-03-18
DESIGNED	LH
PREPARED	BS
REVIEWED	AL
APPROVED	LH

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PROJECT

PADDLE PRAIRIE FLOOD STUDY

TITLE

1000-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
23592570	4000	0	5 OF 5

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

0 25mm

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\23592570_Paddle_Prairie\Mapping\Hydrology\04_Open Water\ Flood Inundation Maps\rg\23592570_1000y-Inundation_Rev0.mxd PRINTED ON: 2025-03-18 AT 8:53:38 AM

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