MAP BOOK

Appendix G - Open Water Flood Inundation Map Library

Peers Flood Study

Submitted to:

Alberta Environment and Protected Areas
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Submitted by:

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CA0041746.1954

Feb 2026

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10-YEAR FLOOD INUNDATION EXTENT

20-YEAR FLOOD INUNDATION EXTENT

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

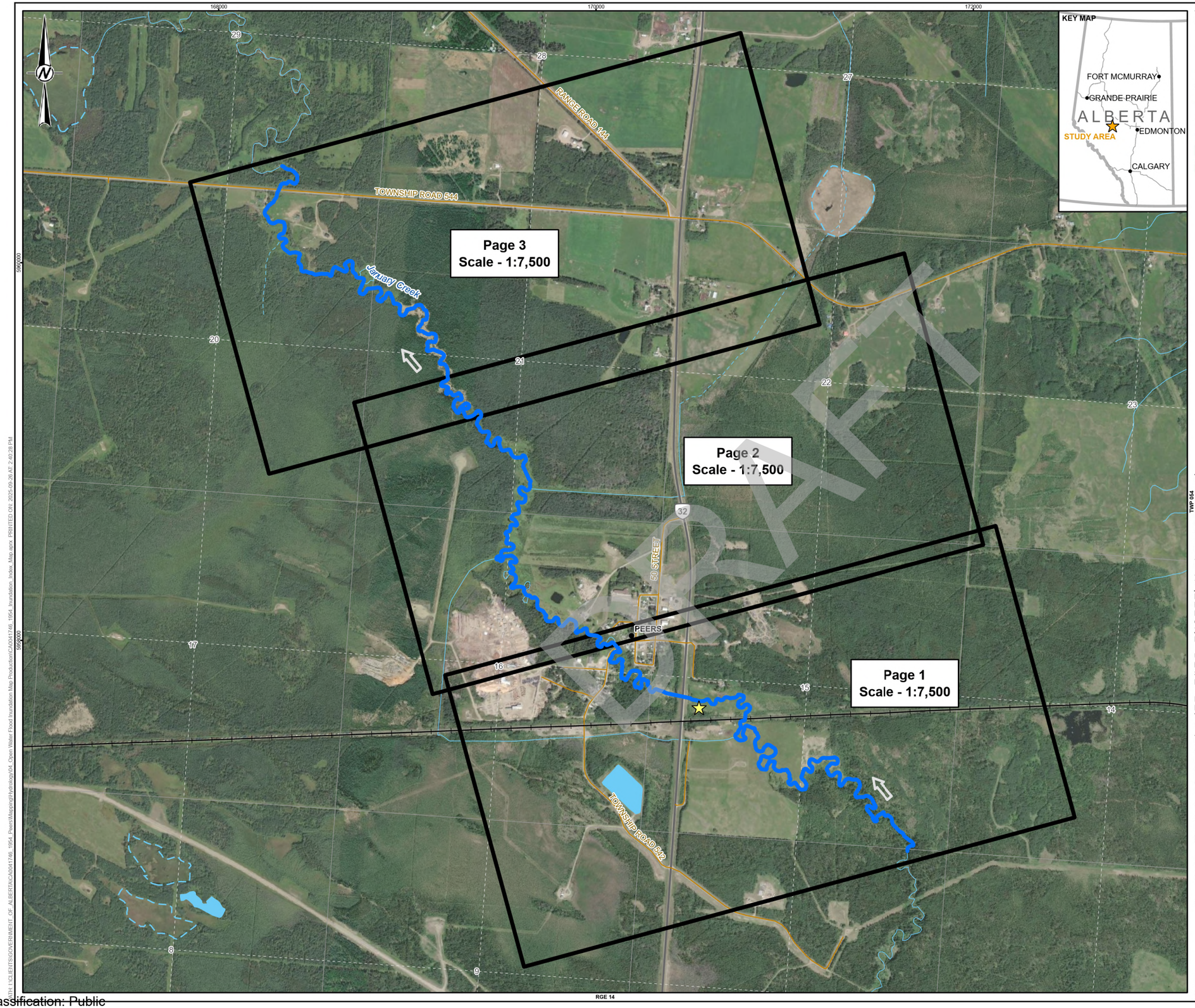
500-YEAR FLOOD INUNDATION EXTENT

750-YEAR FLOOD INUNDATION EXTENT

1000-YEAR FLOOD INUNDATION EXTENT

APPENDIX G

OPEN WATER FLOOD INUNDATION INDEX MAP



LEGEND

- HAMLET
- SETTLEMENT
- INDEFINITE WATERCOURSE
- PRIMARY HIGHWAY
- LOCAL ROAD
- RAILROAD
- WATERCOURSE
- WATERBODY
- INTERMITTENT WATERBODY
- FLOW DIRECTION
- SURVEY REACH
- MAPBOOK EXTENT

0 0.5 1

1:20,000 KILOMETRES

NOTE(S)

1. PLEASE REFER TO THE ACCOMPANYING **PEERS 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 INDICIATED 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.

DEFINITION(S)

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)

PROJECTED COORDINATE SYSTEM: NAD 1983 UTM ZONE 12N

CLIENT
ALBERTA ENVIRONMENT AND PROTECTED AREAS

PROJECT
PEERS FLOOD STUDY

TITLE
OPEN WATER FLOOD INUNDATION INDEX MAP

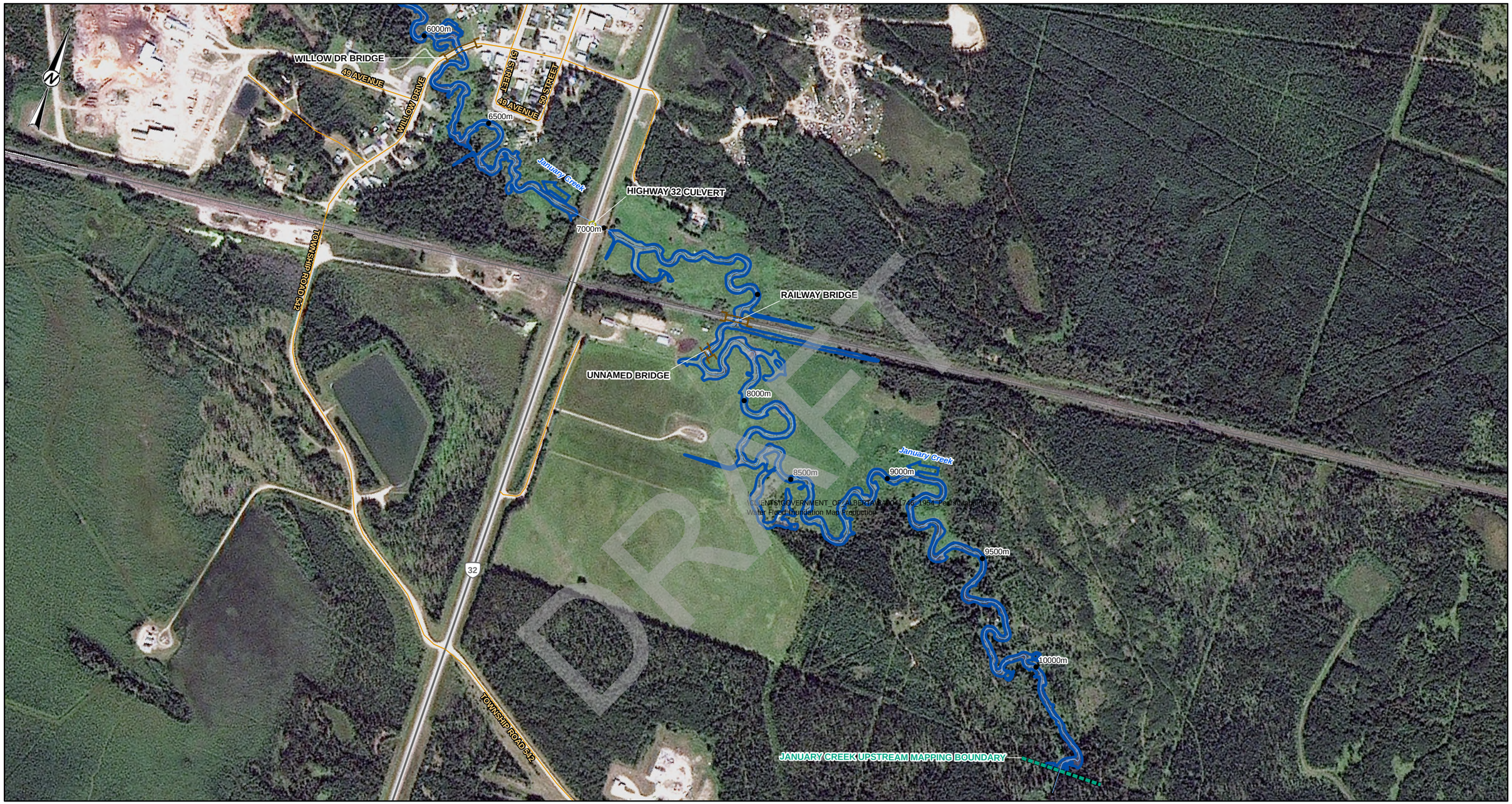
CONSULTANT

YYYY-MM-DD	2025-09-26
DESIGNED	AL
PREPARED	MV
REVIEWED	GT
APPROVED	LH

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954		0	1

APPENDIX G

2-YEAR FLOOD INUNDATION EXTENT



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LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

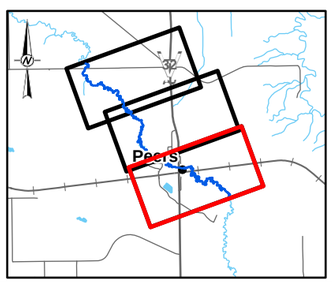
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

2-YEAR FLOOD INUNDATION EXTENT

- 2-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 8.47 m^3/s



0 250 500
1:7,500 METRES

CLIENT
ALBERTA ENVIRONMENT AND PROTECTED AREAS

CONSULTANT
wsp

YYYY-MM-DD	2025-09-19
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PREPARED	PT
REVIEWED	GT
APPROVED	LH

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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

PROJECT
PEERS FLOOD STUDY

TITLE
2-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	A	SHEET 1 OF 3

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

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

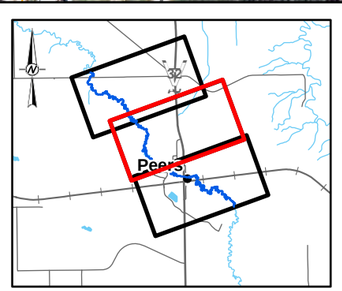
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

2-YEAR FLOOD INUNDATION EXTENT

- 2-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 8.47 m^3/s



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1:7,500 METRES

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ALBERTA ENVIRONMENT AND PROTECTED AREAS

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PROJECT
PEERS FLOOD STUDY

TITLE
2-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	A	SHEET 2 OF 3

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
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

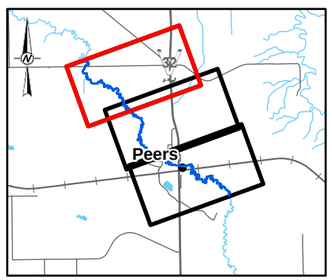
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

2-YEAR FLOOD INUNDATION EXTENT

- 2-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 8.47 m^3/s



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PROJECT
PEERS FLOOD STUDY

TITLE
2-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	A	SHEET 3 OF 3

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

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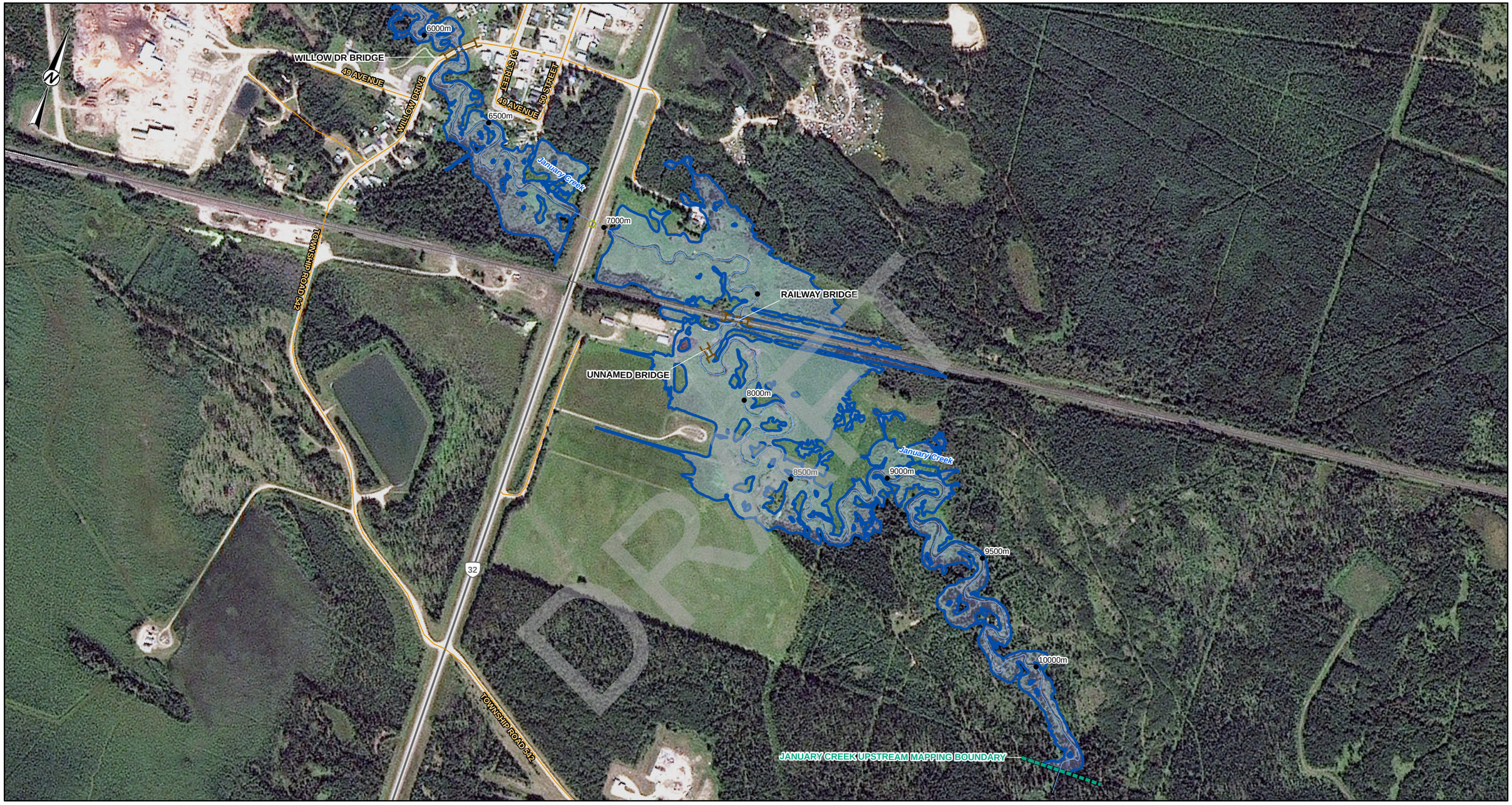
APPENDIX G

5-YEAR FLOOD INUNDATION EXTENT



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

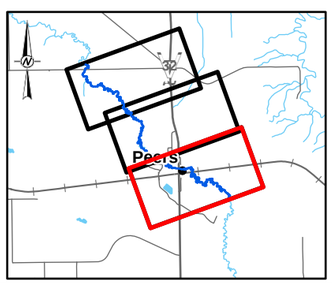
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

5-YEAR FLOOD INUNDATION EXTENT

- 5-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 17.2 m^3/s



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PROJECT
PEERS FLOOD STUDY

TITLE
5-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 1 OF 3

PATH: I:\CLIENTS\GOVERNMENT OF ALBERTA\CA0041746_1954 Peers\Mapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_5y-Inundation.aprx PRINTED ON: AT 3:53:12 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
- RAILROAD
- CHANNEL CENTRELINE

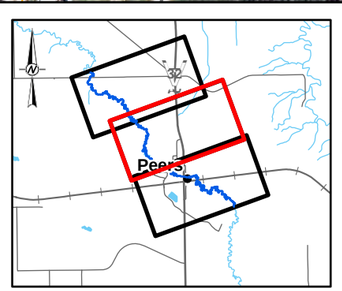
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

5-YEAR FLOOD INUNDATION EXTENT

- 5-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 17.2 m^3/s



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PROJECT
PEERS FLOOD STUDY

TITLE
5-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 2 OF 3

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

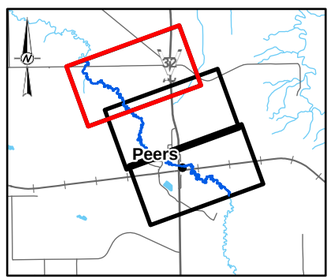
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

5-YEAR FLOOD INUNDATION EXTENT

- 5-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 17.2 m^3/s



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PROJECT
PEERS FLOOD STUDY

TITLE
5-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 3 OF 3

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

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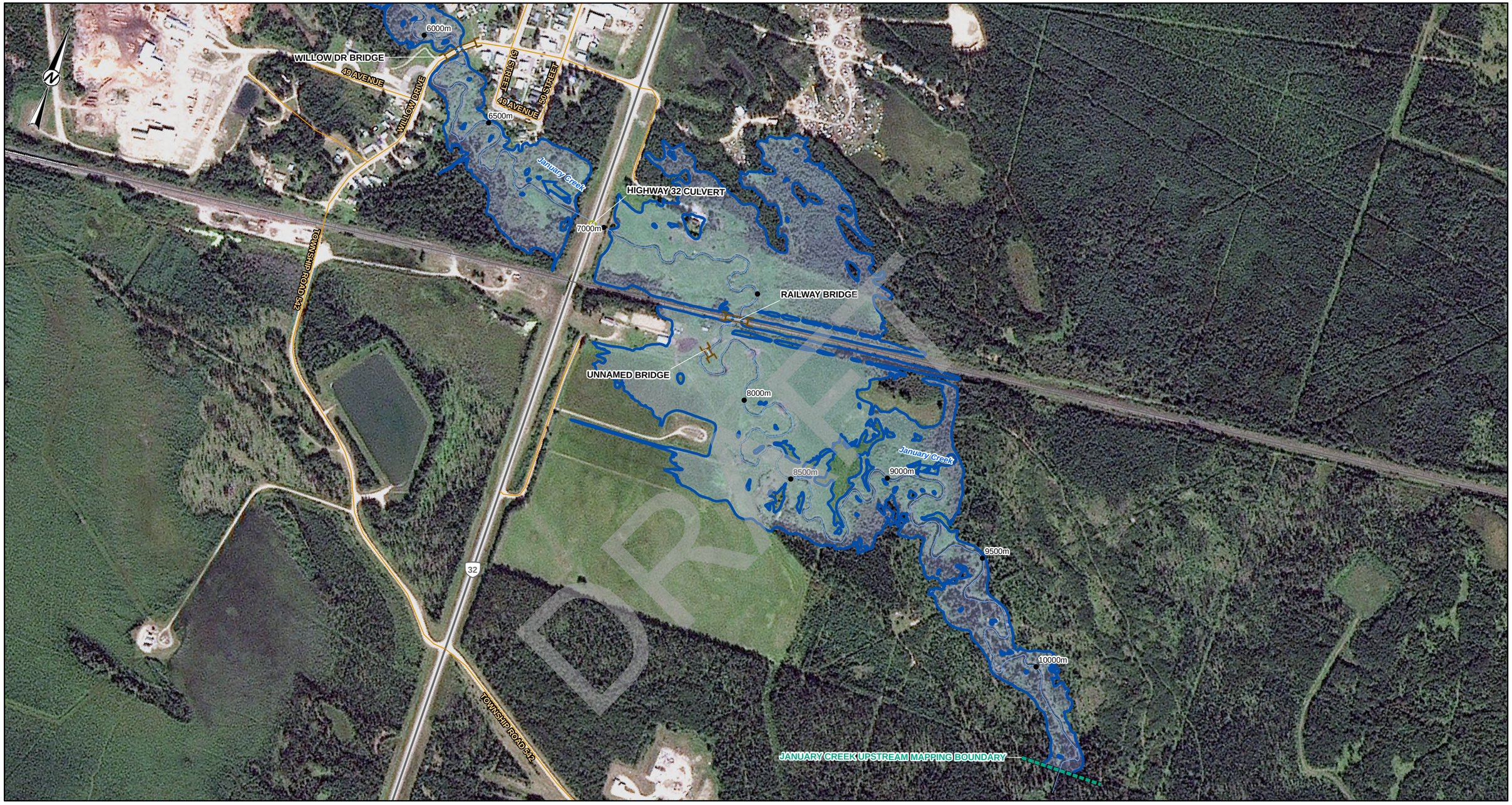
APPENDIX G

10-YEAR FLOOD INUNDATION EXTENT



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

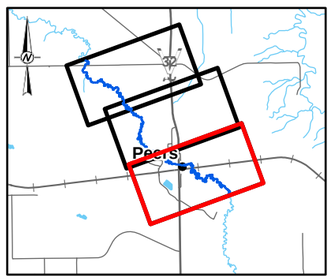
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

10-YEAR FLOOD INUNDATION EXTENT

- 10-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 24.4 m^3/s



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PROJECT
PEERS FLOOD STUDY

TITLE
10-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 1 OF 3

PATH: I:\CLIENTS\GOVERNMENT OF ALBERTA\CA0041746_1954 Peers\Mapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_10y-Inundation.aprx PRINTED ON: AT 3:52:20 PM

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

25mm
0

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

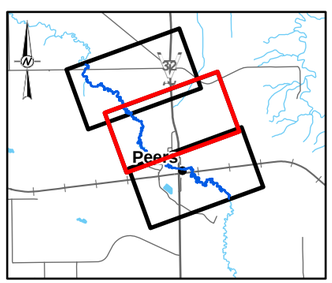
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

10-YEAR FLOOD INUNDATION EXTENT

- 10-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 24.4 m^3/s



0 250 500
1:7,500 METRES

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ALBERTA ENVIRONMENT AND PROTECTED AREAS

CONSULTANT

YYYY-MM-DD	2025-09-19
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PREPARED	MV
REVIEWED	GT
APPROVED	LH

PROJECT
PEERS FLOOD STUDY

TITLE
10-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 2 OF 3

0m
JANUARY CREEK DOWNSTREAM MAPPING BOUNDARY
TOWNSHIP 544 RD CULVERT
TOWNSHIP ROAD 544
RANGE ROAD 144
500m
January Creek
1000m
1500m
2000m
2500m
3000m
TOWNSHIP ROAD 544
32

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

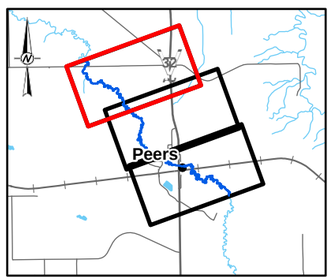
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

10-YEAR FLOOD INUNDATION EXTENT

- 10-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 24.4 m^3/s



0 250 500
1:7,500 METRES

CLIENT
ALBERTA ENVIRONMENT AND PROTECTED AREAS

Alberta Canada

CONSULTANT

wsp

YYYY-MM-DD	2025-09-19
DESIGNED	AL
PREPARED	MV
REVIEWED	GT
APPROVED	LH

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PROJECT
PEERS FLOOD STUDY

TITLE
10-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 3 OF 3

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25mm

0

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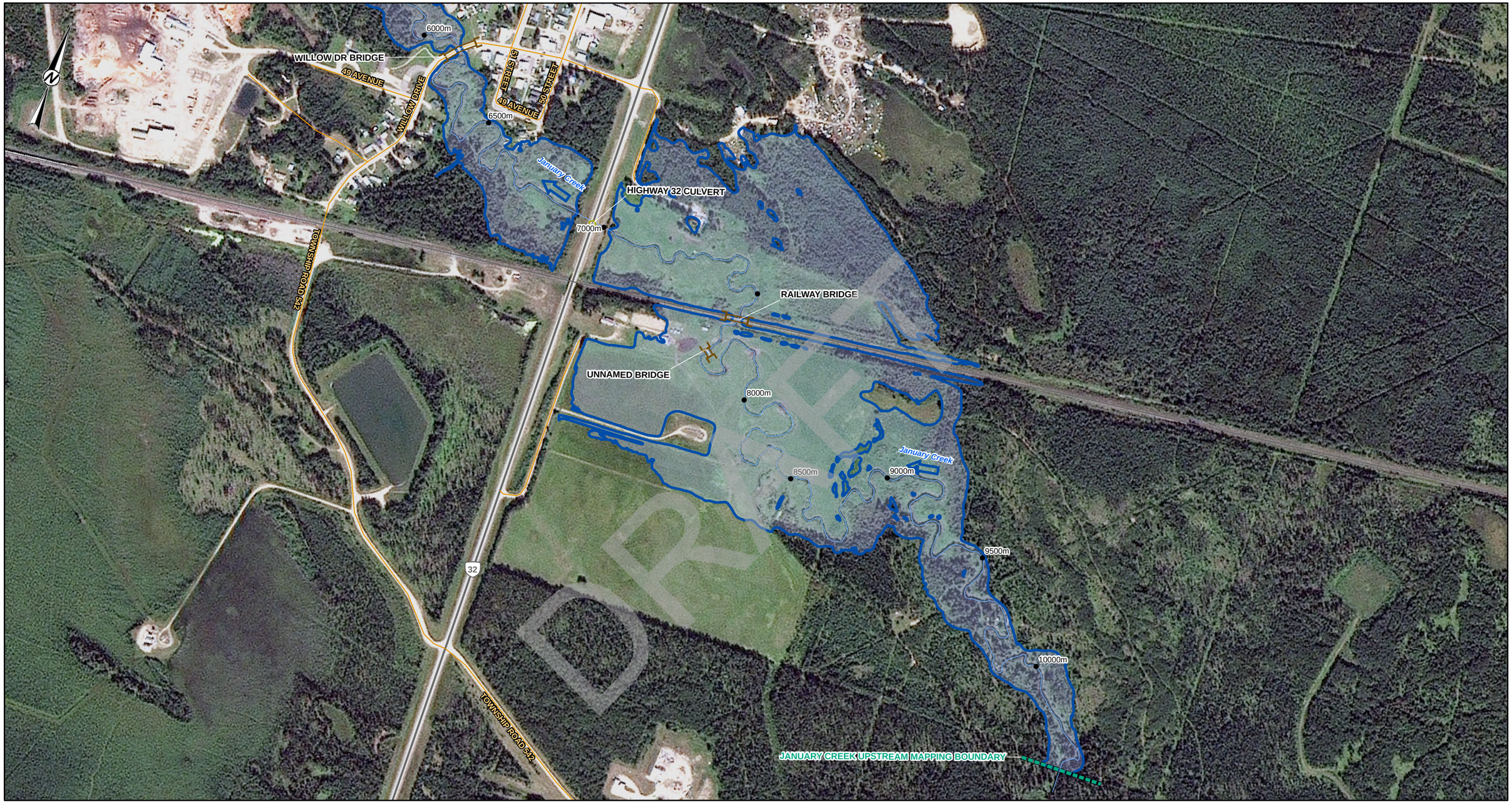
APPENDIX G

20-YEAR FLOOD INUNDATION EXTENT



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

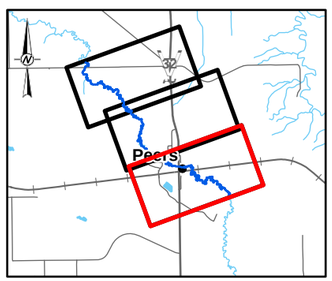
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

20-YEAR FLOOD INUNDATION EXTENT

- 20-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 32.5 m^3/s



0 250 500
1:7,500 METRES

CLIENT
ALBERTA ENVIRONMENT AND PROTECTED AREAS

CONSULTANT
wsp

YYYY-MM-DD	2025-09-19
DESIGNED	AL
PREPARED	MV
REVIEWED	GT
APPROVED	LH

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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

PROJECT
PEERS FLOOD STUDY

TITLE.
20-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 1 OF 3

PATH: \\CLIENTS\GOVERNMENT_OF_ALBERTA\CA0041746_1954_PeersMapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_20y-Inundation.aprx PRINTED ON: AT 3:49:49 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
- RAILROAD
- CHANNEL CENTRELINE

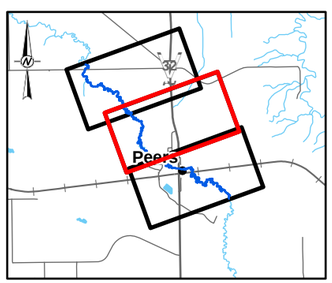
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

20-YEAR FLOOD INUNDATION EXTENT

- 20-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 32.5 m^3/s



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1:7,500 METRES

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ALBERTA ENVIRONMENT AND PROTECTED AREAS

CONSULTANT

YYYY-MM-DD	2025-09-19
DESIGNED	AL
PREPARED	MV
REVIEWED	GT
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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

PROJECT
PEERS FLOOD STUDY

TITLE
20-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 2 OF 3

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

0 25mm

0m
JANUARY CREEK DOWNSTREAM MAPPING BOUNDARY
TOWNSHIP 544 RD CULVERT
TOWNSHIP ROAD 544
RANGE ROAD 144
500m
January Creek
1000m
1500m
2000m
2500m
3000m
TOWNSHIP ROAD 544
32

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

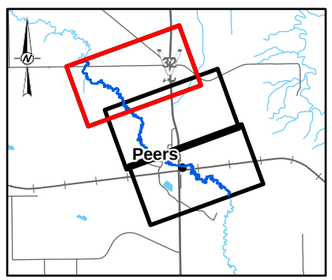
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

20-YEAR FLOOD INUNDATION EXTENT

- 20-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 32.5 m^3/s



0 250 500
1:7,500 METRES

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PREPARED	MV
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APPROVED	LH

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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

PROJECT
PEERS FLOOD STUDY

TITLE.
20-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 3 OF 3

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

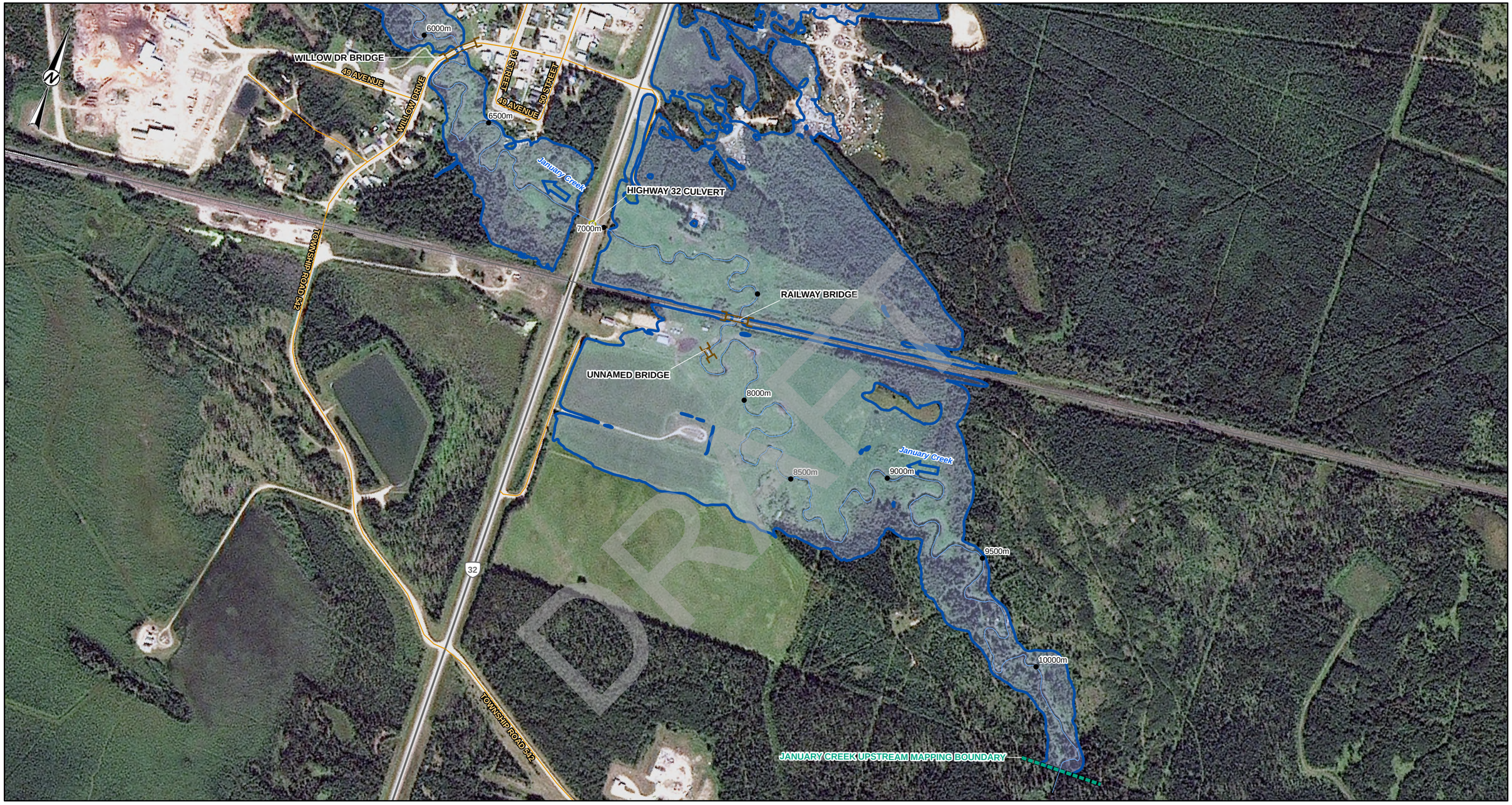
25mm

0

PATH: \\CLIENTS\GOVERNMENT_OF_ALBERTA\CA0041746_1954_Peers\Mapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_20y-Inundation.aprx PRINTED ON: AT 3:49:45 PM

APPENDIX G

35-YEAR FLOOD INUNDATION EXTENT



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

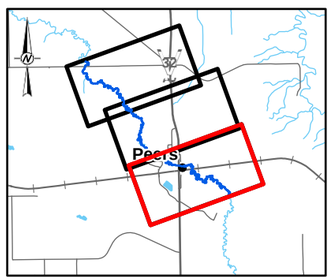
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

35-YEAR FLOOD INUNDATION EXTENT

- 35-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 40.0 m^3/s



0 250 500
1:7,500 METRES

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PREPARED	MV
REVIEWED	GT
APPROVED	LH

PROJECT
PEERS FLOOD STUDY

TITLE
35-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 1 OF 3

PATH: I:\CLIENTS\GOVERNMENT OF ALBERTA\CA0041746_1954 Peers\Mapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_35y-Inundation.aprx PRINTED ON: AT 3:50:05 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
- RAILROAD
- CHANNEL CENTRELINE

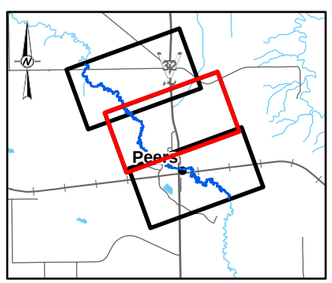
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

35-YEAR FLOOD INUNDATION EXTENT

- 35-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 40.0 m^3/s



0 250 500
1:7,500 METRES

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APPROVED	LH

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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

PROJECT
PEERS FLOOD STUDY

TITLE
35-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 2 OF 3

PATH: \\CLIENTS\GOVERNMENT_OF_ALBERTA\AC\A0041746_1954_PeersMapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_35y-Inundation.aprx PRINTED ON: AT 3:50:08 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
- RAILROAD
- CHANNEL CENTRELINE

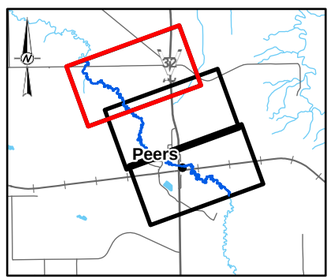
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

35-YEAR FLOOD INUNDATION EXTENT

- 35-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 40.0 m^3/s



0 250 500
1:7,500 METRES

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ALBERTA ENVIRONMENT AND PROTECTED AREAS

Alberta Canada

CONSULTANT

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PREPARED	MV
REVIEWED	GT
APPROVED	LH

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PROJECT
PEERS FLOOD STUDY

TITLE
35-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 3 OF 3

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

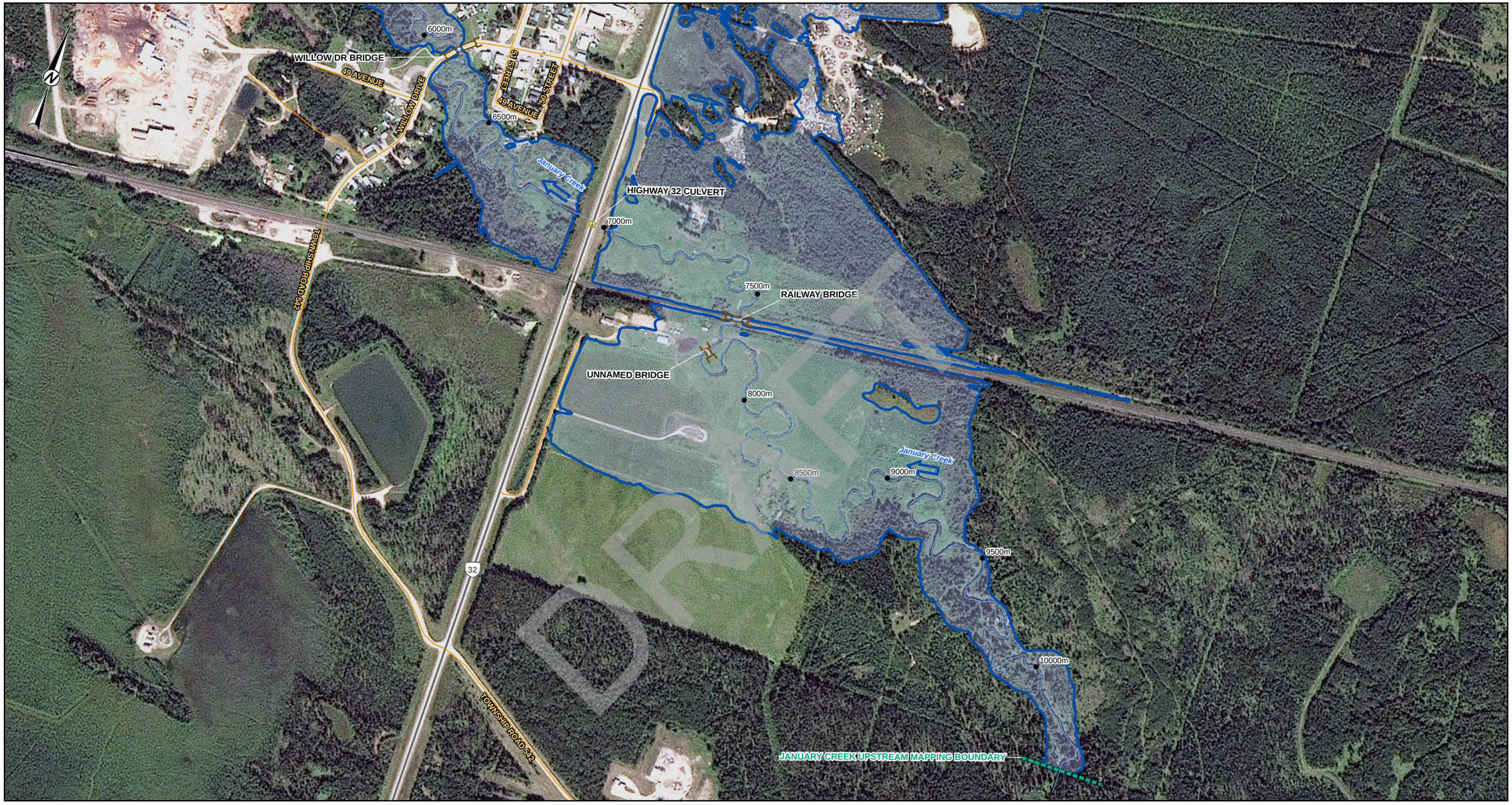
25mm

0

PATH: \\CLIENTS\GOVERNMENT_OF_ALBERTA\CA0041746_1954_Peers\Mapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_35y-Inundation.aprx PRINTED ON: AT 3:50:10 PM

APPENDIX G

50-YEAR FLOOD INUNDATION EXTENT



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

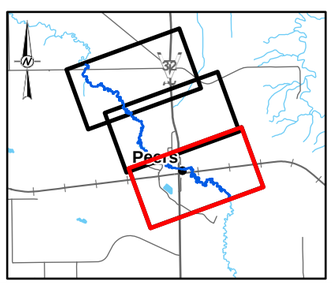
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

50-YEAR FLOOD INUNDATION EXTENT

- 50-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 45.3 m^3/s



0 250 500
1:7,500 METRES

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PREPARED	MV
REVIEWED	GT
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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

PROJECT
PEERS FLOOD STUDY

TITLE
50-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 1 OF 3

PATH: I:\CLIENTS\GOVERNMENT OF ALBERTA\CA0041746_1954 Peers\Mapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_50y-Inundation.aprx PRINTED ON: AT 3:51:42 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
- RAILROAD
- CHANNEL CENTRELINE

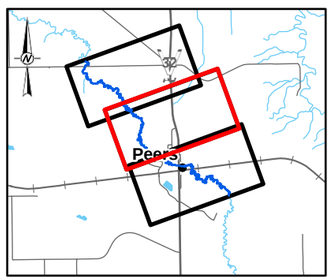
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

50-YEAR FLOOD INUNDATION EXTENT

- 50-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 45.3 m^3/s



0 250 500
1:7,500 METRES

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PROJECT
PEERS FLOOD STUDY

TITLE
50-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 2 OF 3

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

25mm

0

PATH: \\CLIENTS\GOVERNMENT_OF_ALBERTA\CA0041746_1954_Peers\Mapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_50yr-Inundation.aprx PRINTED ON: AT 3:51:45 PM

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

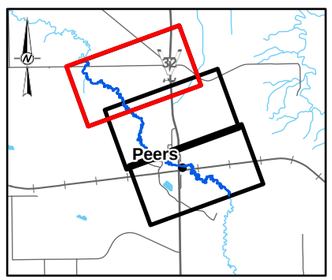
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

50-YEAR FLOOD INUNDATION EXTENT

- 50-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 45.3 m^3/s



0 250 500
1:7,500 METRES

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PROJECT
PEERS FLOOD STUDY

TITLE
50-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 3 OF 3

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

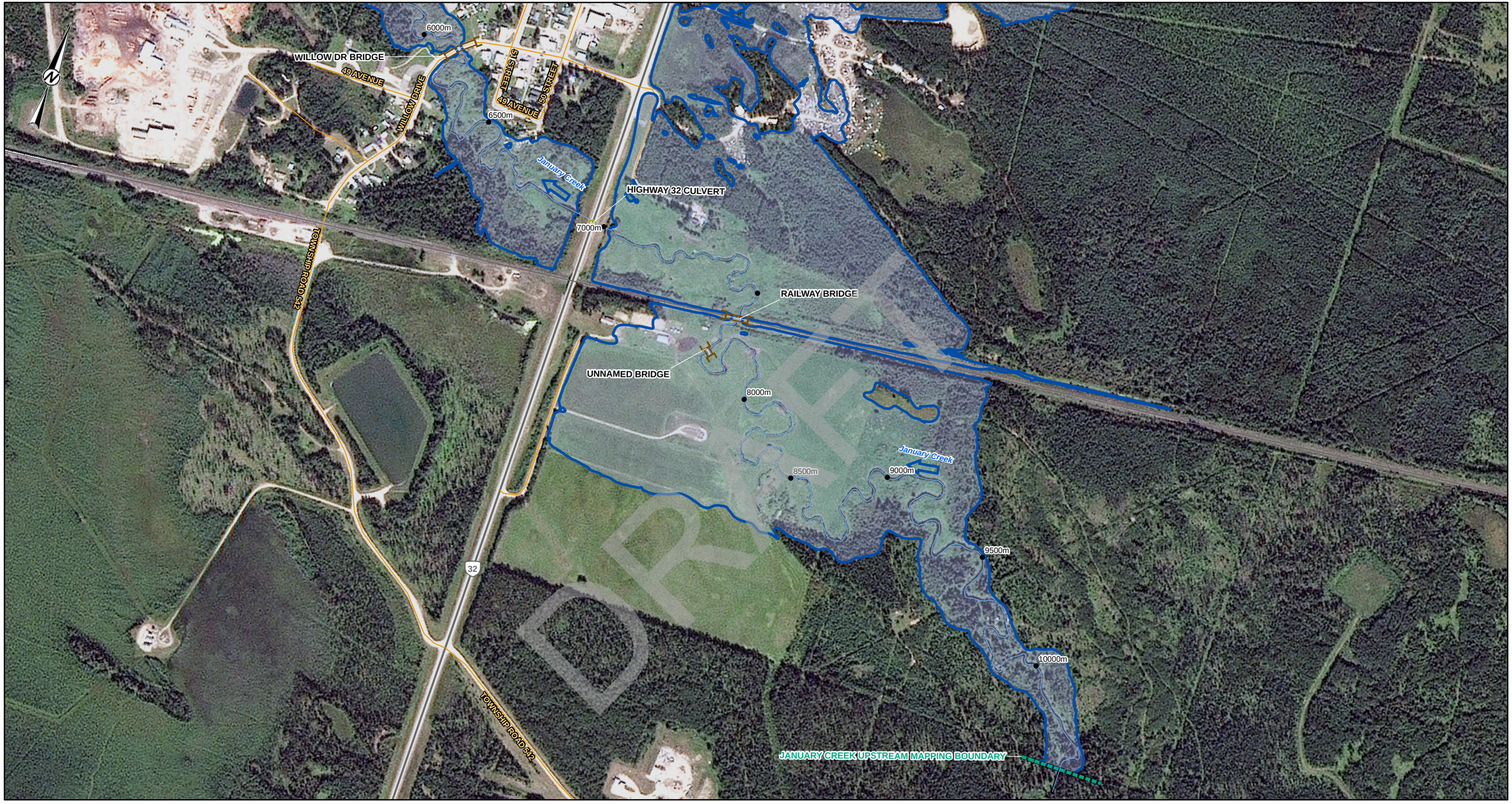
25mm

0

PATH: \\CLIENTS\GOVERNMENT_OF_ALBERTA\CA0041746_1954_Peers\Mapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_50y-Inundation.aprx PRINTED ON: AT 3:51:47 PM

APPENDIX G

75-YEAR FLOOD INUNDATION EXTENT



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

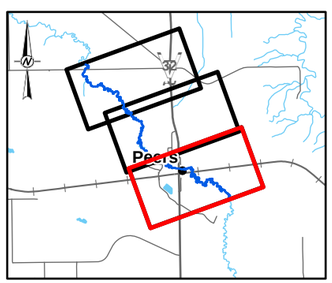
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

75-YEAR FLOOD INUNDATION EXTENT

- 75-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 51.7 m^3/s



0 250 500
1:7,500 METRES

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PREPARED	MV
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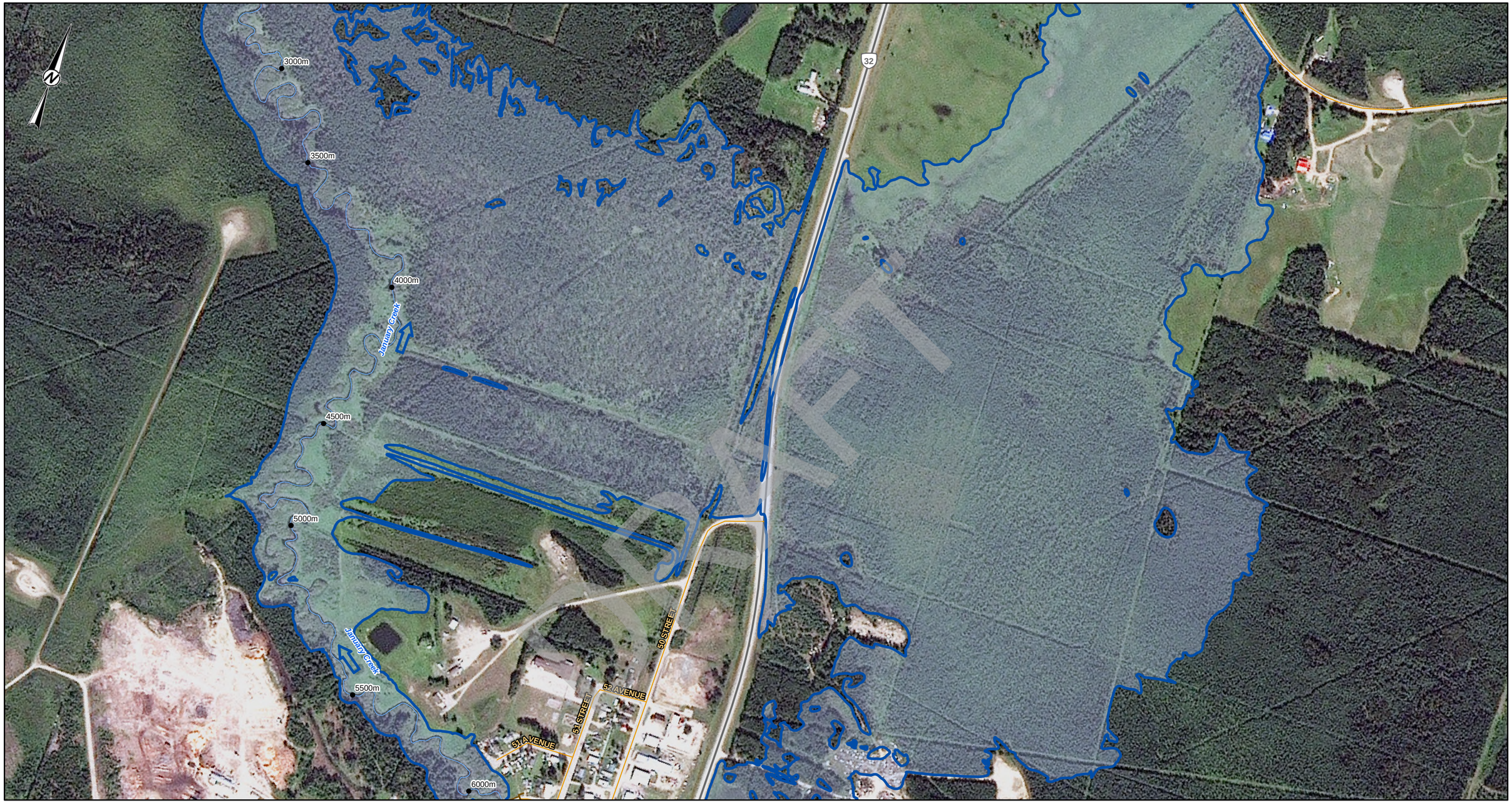
PROJECT
PEERS FLOOD STUDY

TITLE
75-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 1 OF 3

PATH: I:\CLIENTS\GOVERNMENT OF ALBERTA\CA0041746_1954_PeersMapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_75yr-Inundation.aprx PRINTED ON: AT 3:45:56 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
- RAILROAD
- CHANNEL CENTRELINE

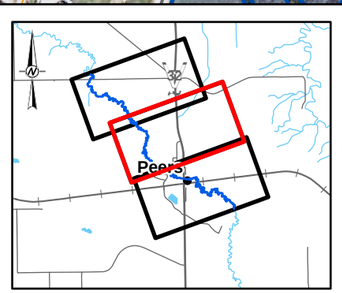
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

75-YEAR FLOOD INUNDATION EXTENT

- 75-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 51.7 m^3/s



0 250 500
1:7,500 METRES

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Alberta Canada

CONSULTANT

wsp

YYYY-MM-DD	2025-09-19
DESIGNED	AL
PREPARED	MV
REVIEWED	GT
APPROVED	LH

PROJECT
PEERS FLOOD STUDY

TITLE
75-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 2 OF 3

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

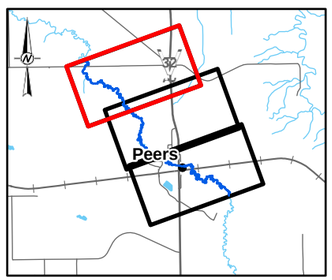
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

75-YEAR FLOOD INUNDATION EXTENT

- 75-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 51.7 m^3/s



0 250 500
1:7,500 METRES

CLIENT
ALBERTA ENVIRONMENT AND PROTECTED AREAS

CONSULTANT

YYYY-MM-DD	2025-09-19
DESIGNED	AL
PREPARED	MV
REVIEWED	GT
APPROVED	LH

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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

PROJECT
PEERS FLOOD STUDY

TITLE
75-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 3 OF 3

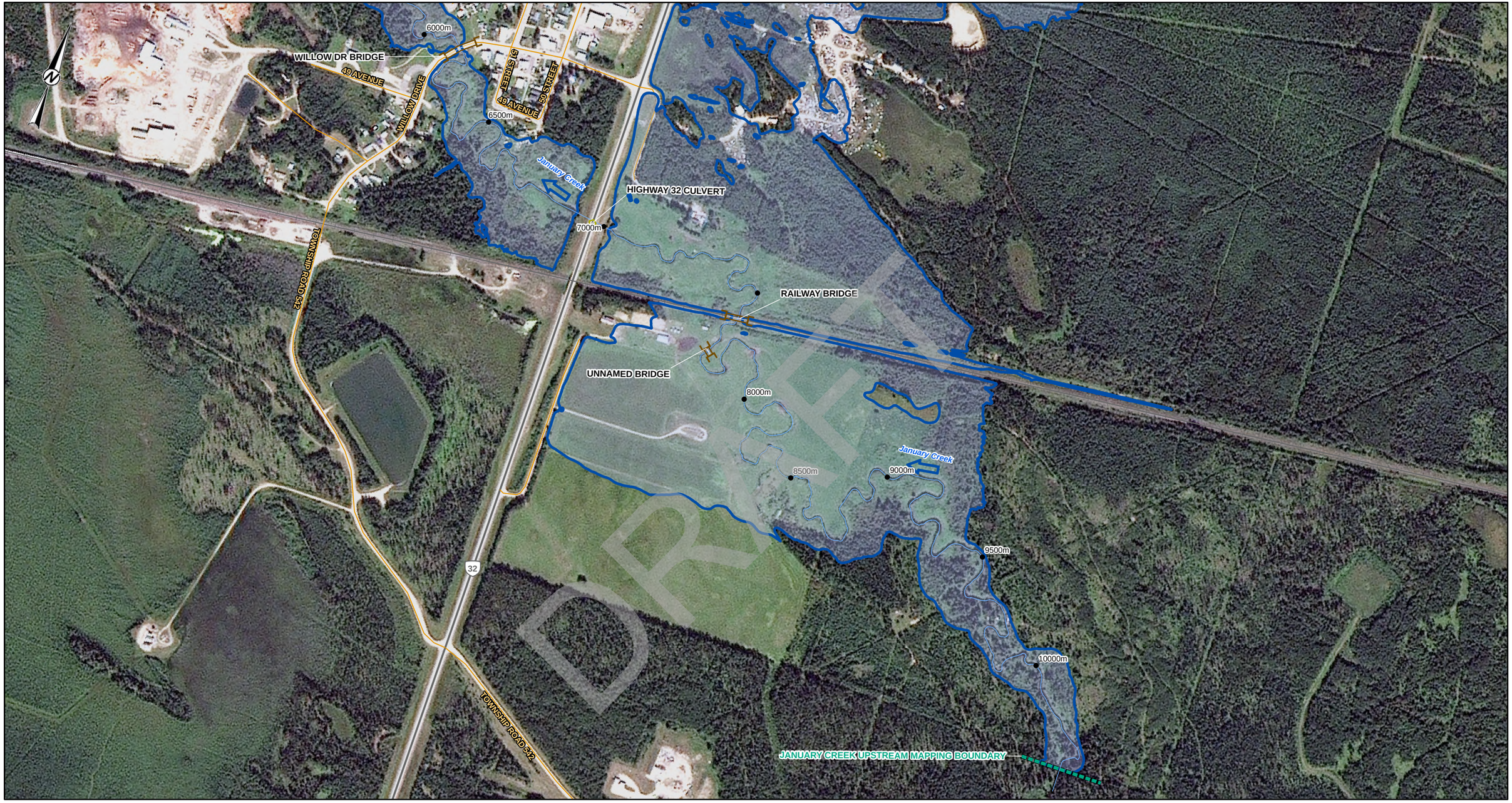
IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

0 25mm

PATH: \\CLIENTS\GOVERNMENT_OF_ALBERTA\CA0041746_1954_Peers\Mapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_75y-Inundation.aprx PRINTED ON: AT 3:46:01 PM

APPENDIX G

100-YEAR FLOOD INUNDATION EXTENT



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

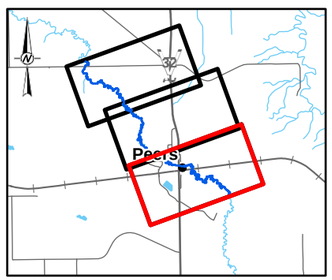
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

100-YEAR FLOOD INUNDATION EXTENT

- 100-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 56.7 m^3/s



0 250 500
1:7,500 METRES

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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

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CONSULTANT

YYYY-MM-DD	2025-09-19
DESIGNED	AL
PREPARED	MV
REVIEWED	GT
APPROVED	LH

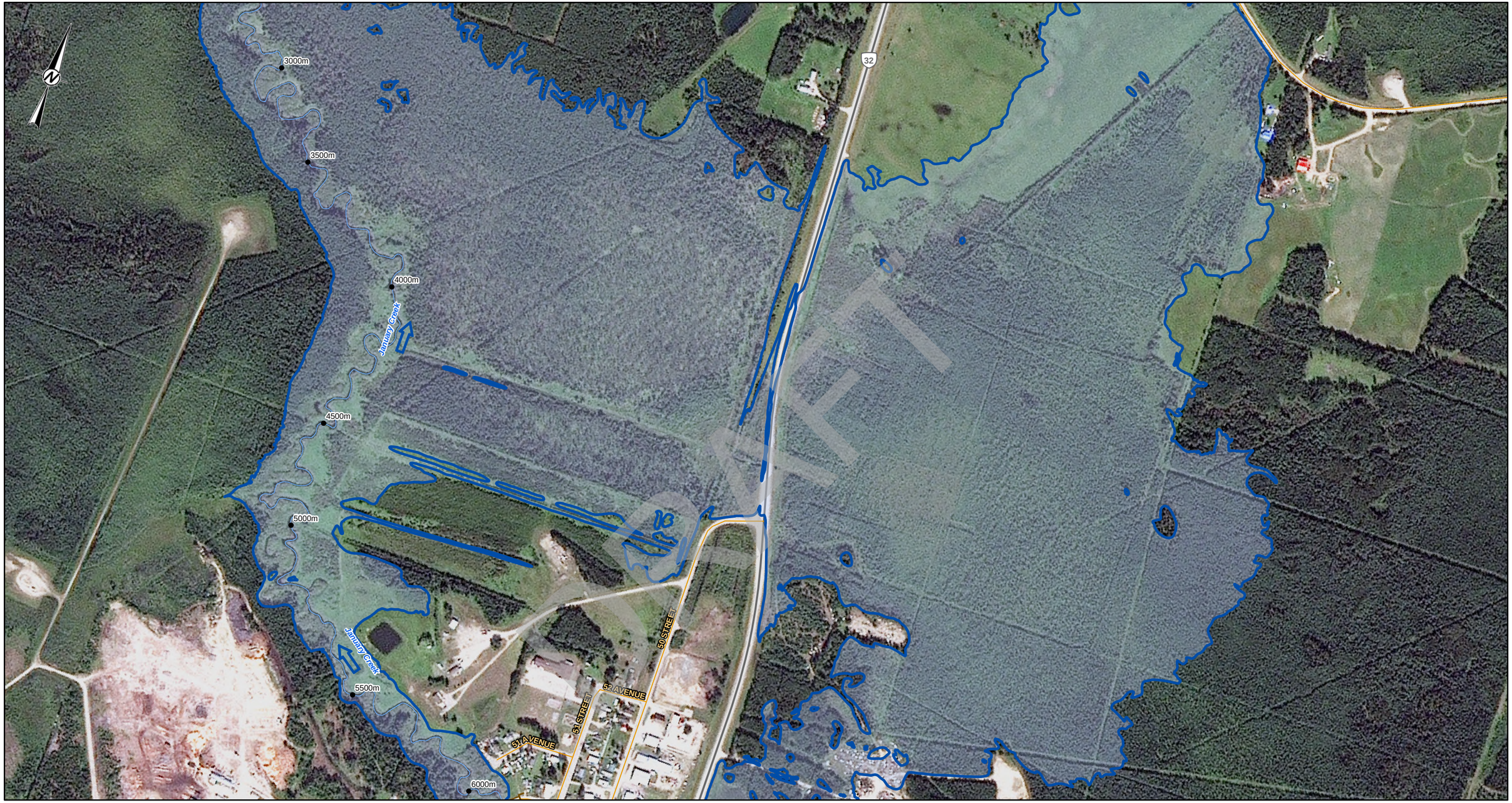
PROJECT
PEERS FLOOD STUDY

TITLE
100-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 1 OF 3

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

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\CA0041746_1954_PeersMapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_100y-Inundation.aprx, PRINTED ON: AT 3:49:33 PM



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

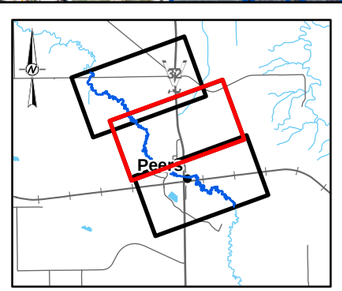
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

100-YEAR FLOOD INUNDATION EXTENT

- 100-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 56.7 m^3/s



0 250 500
1:7,500 METRES

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ALBERTA ENVIRONMENT AND PROTECTED AREAS

CONSULTANT

YYYY-MM-DD	2025-09-19
DESIGNED	AL
PREPARED	MV
REVIEWED	GT
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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

PROJECT
PEERS FLOOD STUDY

TITLE
100-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 2 OF 3

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\CA0041746_1954_PeersMapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_100y-Inundation.aprx, PRINTED ON: AT 3:49:35 PM

0m
JANUARY CREEK DOWNSTREAM MAPPING BOUNDARY
TOWNSHIP 544 RD CULVERT
TOWNSHIP ROAD 544
RANGE ROAD 144
500m
January Creek
1000m
1500m
2000m
2500m
3000m
TOWNSHIP ROAD 544
32

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

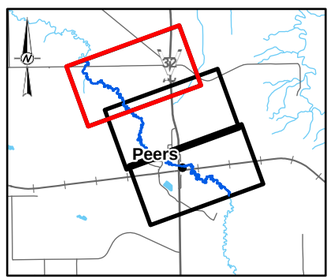
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

100-YEAR FLOOD INUNDATION EXTENT

- 100-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 56.7 m^3/s



0 250 500
1:7,500 METRES

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PREPARED	MV
REVIEWED	GT
APPROVED	LH

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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

PROJECT
PEERS FLOOD STUDY

TITLE
100-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 3 OF 3

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

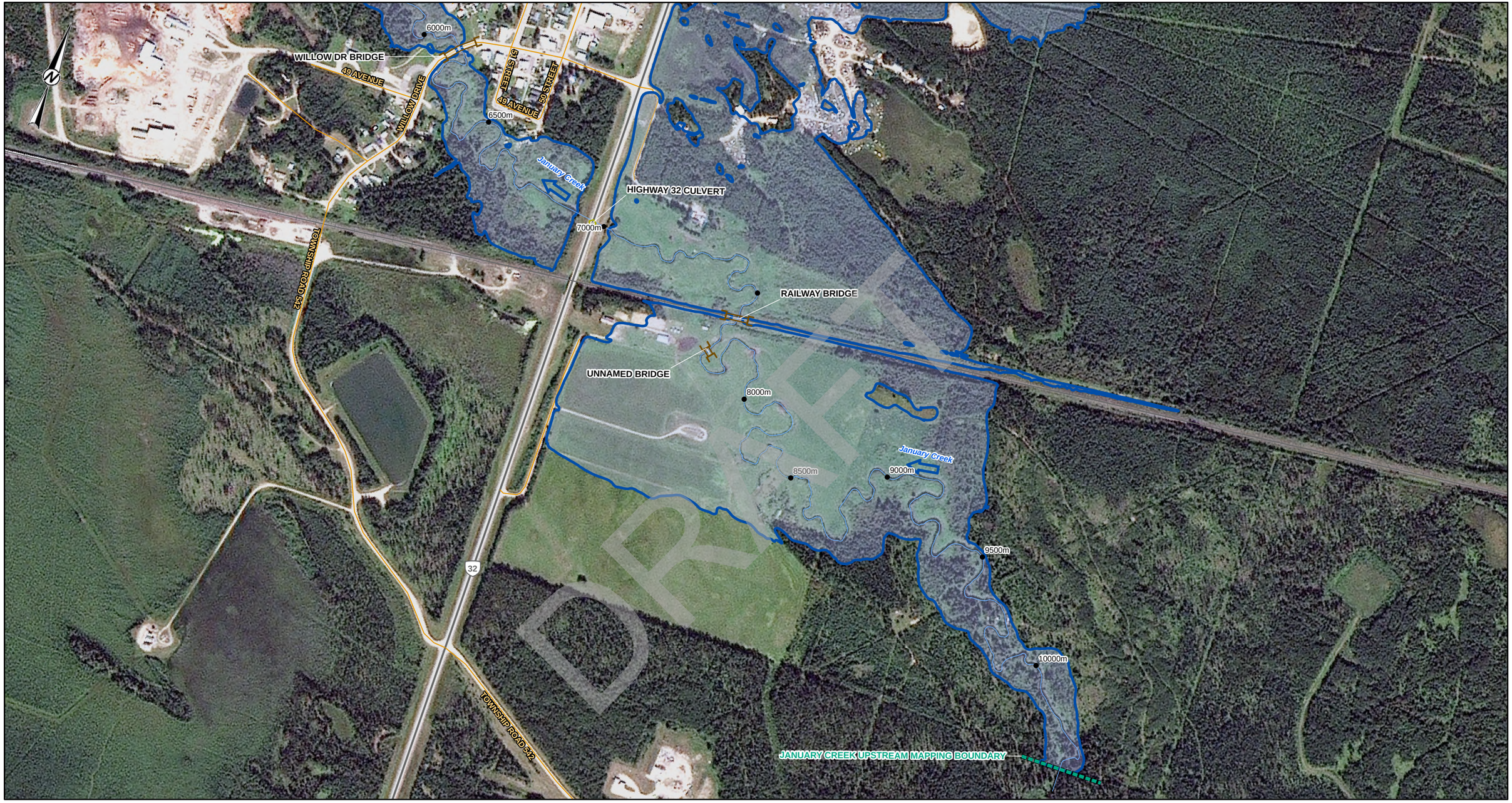
25mm

0

PATH: \\CLIENTS\GOVERNMENT_OF_ALBERTA\CA0041746_1954_Peers\Mapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_100y-Inundation.aprx, PRINTED ON: AT 3:49:37 PM

APPENDIX G

200-YEAR FLOOD INUNDATION EXTENT



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

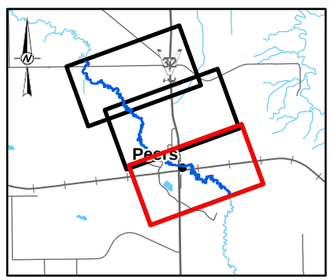
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

200-YEAR FLOOD INUNDATION EXTENT

- 200-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 70.1 m^3/s



0 250 500
1:7,500 METRES

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PROJECT
PEERS FLOOD STUDY

TITLE
200-YEAR FLOOD INUNDATION EXTENT

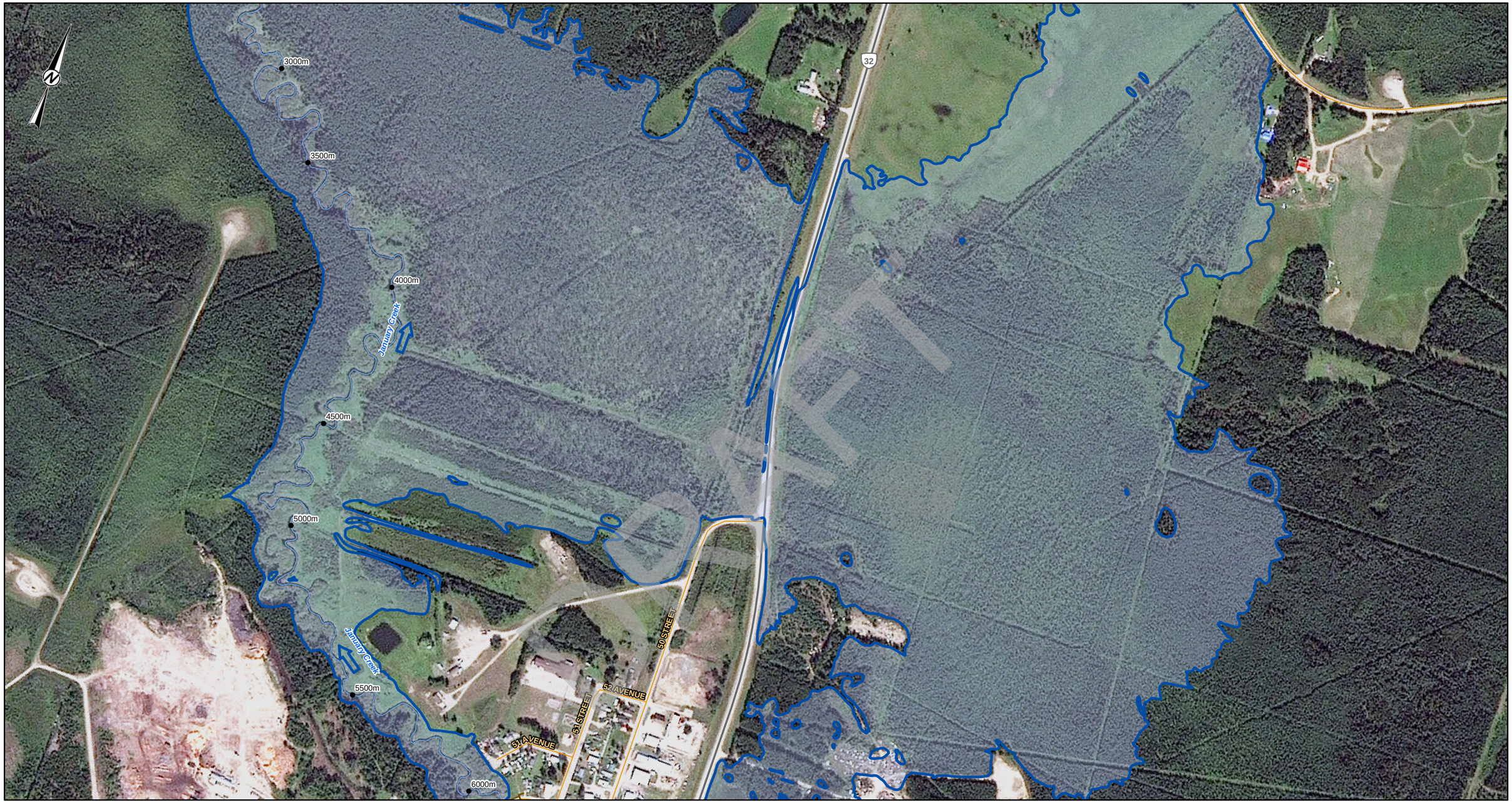
PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 1 OF 3

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\CA0041746_1954_Peers\Mapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_200y-Inundation.aprx, PRINTED ON: AT 3:49:52 PM



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

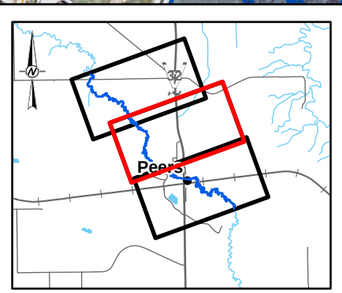
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

200-YEAR FLOOD INUNDATION EXTENT

- 200-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 70.1 m^3/s



0 250 500
1:7,500 METRES

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PROJECT
PEERS FLOOD STUDY

TITLE
200-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 2 OF 3

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

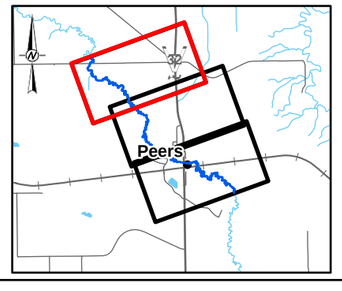
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

200-YEAR FLOOD INUNDATION EXTENT

- 200-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 70.1 m^3/s



0 250 500
1:7,500 METRES

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Alberta Canada

CONSULTANT
wsp

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PREPARED	MV
REVIEWED	GT
APPROVED	LH

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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

PROJECT
PEERS FLOOD STUDY

TITLE
200-YEAR FLOOD INUNDATION EXTENT

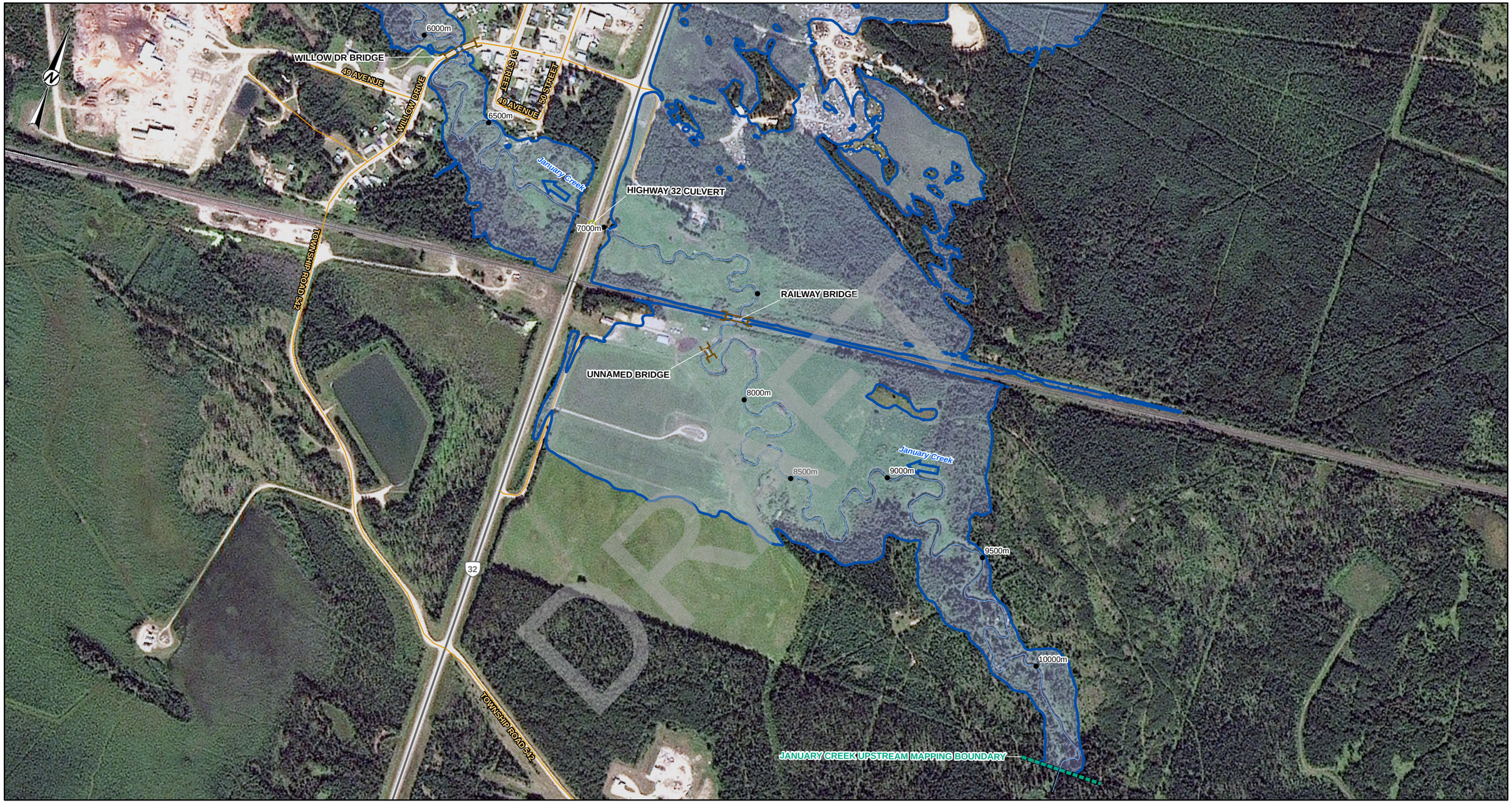
PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 3 OF 3

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\CA0041746_1954_PeersMapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_200y-inundation.aprx PRINTED ON: AT 3:49:57 PM

APPENDIX G

350-YEAR FLOOD INUNDATION EXTENT



LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

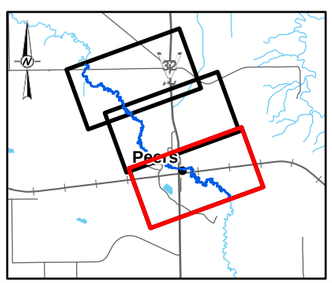
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

350-YEAR FLOOD INUNDATION EXTENT

- 350-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 82.5 m^3/s



0 250 500
1:7,500 METRES

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APPROVED	LH

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PROJECT
PEERS FLOOD STUDY

TITLE
350-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 1 OF 3

PATH: I:\CLIENTS\GOVERNMENT OF ALBERTA\CA0041746_1954_PeersMapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_350yr-Inundation.aprx, PRINTED ON: AT 3:51:17 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
- RAILROAD
- CHANNEL CENTRELINE

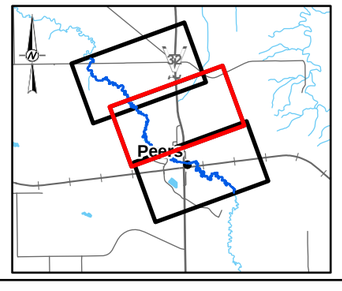
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

350-YEAR FLOOD INUNDATION EXTENT

- 350-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 82.5 m^3/s



0 250 500
1:7,500 METRES

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WSP

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DESIGNED	AL
PREPARED	MV
REVIEWED	GT
APPROVED	LH

PROJECT
PEERS FLOOD STUDY

TITLE
350-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 2 OF 3

PATH: I:\CLIENTS\GOVERNMENT OF ALBERTA\CA0041746_1954_Peers\Mapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_350y-Inundation.aprx PRINTED ON: AT 3:51:20 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
- RAILROAD
- CHANNEL CENTRELINE

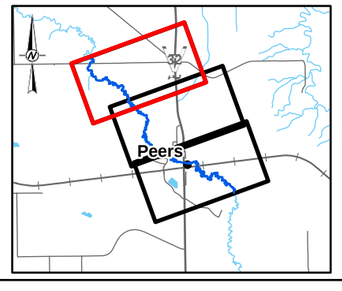
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

350-YEAR FLOOD INUNDATION EXTENT

- 350-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 82.5 m^3/s



0 250 500
1:7,500 METRES

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Alberta Canada

CONSULTANT
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APPROVED	LH

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PROJECT
PEERS FLOOD STUDY

TITLE
350-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 3 OF 3

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\CA0041746_1954_PeersMapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_350yr-inundation.aprx PRINTED ON: AT 3:51:23 PM

APPENDIX G

500-YEAR FLOOD INUNDATION EXTENT

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

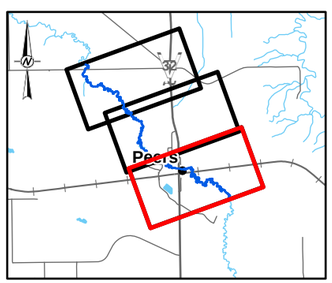
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

500-YEAR FLOOD INUNDATION EXTENT

- 500-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 91.2 m^3/s



0 250 500
1:7,500 METRES

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CONSULTANT

YYYY-MM-DD	2025-09-19
DESIGNED	AL
PREPARED	MV
REVIEWED	GT
APPROVED	LH

PROJECT
PEERS FLOOD STUDY

TITLE
500-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 1 OF 3

PATH: I:\CLIENTS\GOVERNMENT OF ALBERTA\CA0041746_1954 Peers\Mapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_500yr-Inundation.aprx, PRINTED ON: AT 3:53:59 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
- RAILROAD
- CHANNEL CENTRELINE

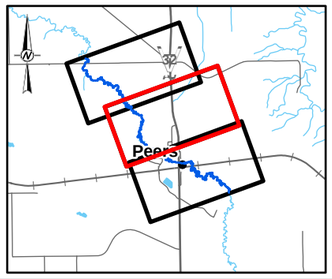
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

500-YEAR FLOOD INUNDATION EXTENT

- 500-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 91.2 m^3/s



0 250 500
1:7,500 METRES

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YYYY-MM-DD	2025-09-19
DESIGNED	AL
PREPARED	MV
REVIEWED	GT
APPROVED	LH

PROJECT
PEERS FLOOD STUDY

TITLE
500-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 2 OF 3

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

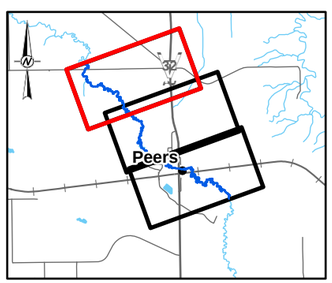
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

500-YEAR FLOOD INUNDATION EXTENT

- 500-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 91.2 m^3/s



0 250 500
1:7,500 METRES

CLIENT
ALBERTA ENVIRONMENT AND PROTECTED AREAS

CONSULTANT

YYYY-MM-DD	2025-09-19
DESIGNED	AL
PREPARED	MV
REVIEWED	GT
APPROVED	LH

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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

PROJECT
PEERS FLOOD STUDY

TITLE
500-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 3 OF 3

PATH: \\CLIENTS\GOVERNMENT_OF_ALBERTA\AC\A0041746_1954_Peers\Mapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_500y-Inundation.aprx PRINTED ON: AT 3:54:04 PM

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

0 25mm

APPENDIX G

750-YEAR FLOOD INUNDATION EXTENT

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

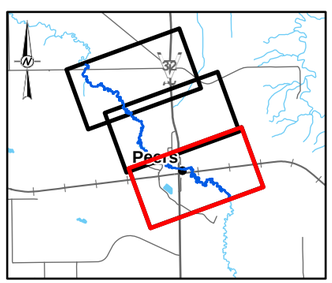
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

750-YEAR FLOOD INUNDATION EXTENT

- 750-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 102 m^3/s



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1:7,500 METRES

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DATUM: NAD 83 CSRS PROJECTION: 3TM 117

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ALBERTA ENVIRONMENT AND PROTECTED AREAS

CONSULTANT

YYYY-MM-DD	2025-09-19
DESIGNED	AL
PREPARED	MV
REVIEWED	GT
APPROVED	LH

PROJECT
PEERS FLOOD STUDY

TITLE
750-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 1 OF 3

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

PATH: I:\CLIENTS\GOVERNMENT OF ALBERTA\CA0041746_1954_PeersMapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_750y-Inundation.aprx, PRINTED ON: AT 3:50:50 PM

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

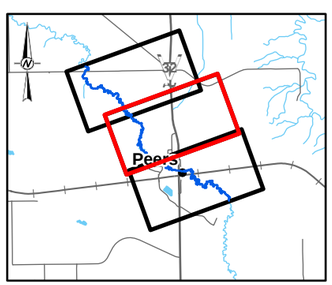
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

750-YEAR FLOOD INUNDATION EXTENT

- 750-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 102 m^3/s



0 250 500
1:7,500 METRES

CLIENT
ALBERTA ENVIRONMENT AND PROTECTED AREAS

CONSULTANT
wsp

YYYY-MM-DD	2025-09-19
DESIGNED	AL
PREPARED	MV
REVIEWED	GT
APPROVED	LH

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PROJECT
PEERS FLOOD STUDY

TITLE
750-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 2 OF 3

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\AC\A0041746 1954 Peers\Mapping\Hydrology\04 Open Water Flood Inundation Map Production\CA0041746 1954 750y-Inundation.aprx PRINTED ON: AT 3:50:53 PM

Classification: Public

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

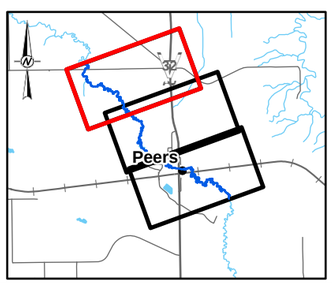
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

750-YEAR FLOOD INUNDATION EXTENT

- 750-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 102 m^3/s



0 250 500
1:7,500 METRES

CLIENT
ALBERTA ENVIRONMENT AND PROTECTED AREAS

Alberta Canada

CONSULTANT
wsp

YYYY-MM-DD	2025-09-19
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PREPARED	MV
REVIEWED	GT
APPROVED	LH

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PROJECT
PEERS FLOOD STUDY

TITLE
750-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 3 OF 3

PATH: I:\CLIENTS\GOVERNMENT_OF_ALBERTA\AC\A0041746_1954_PeersMapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_750y-Inundation.aprx PRINTED ON: AT 3:50:55 PM

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

25mm

0

APPENDIX G

1000-YEAR FLOOD INUNDATION EXTENT

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

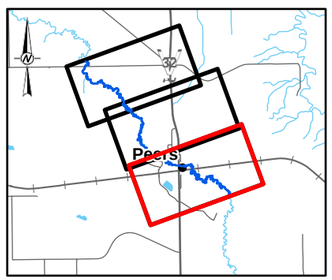
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

1000-YEAR FLOOD INUNDATION EXTENT

- 1000-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 110 m^3/s



0 250 500
1:7,500 METRES

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REVIEWED	GT
APPROVED	LH

PROJECT
PEERS FLOOD STUDY

TITLE
1000-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 1 OF 3

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

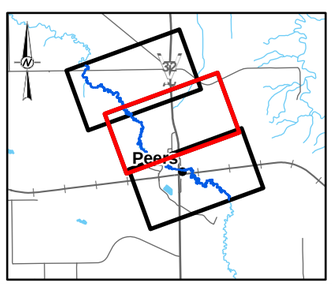
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

1000-YEAR FLOOD INUNDATION EXTENT

- 1000-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 110 m^3/s



0 250 500
1:7,500 METRES

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wsp

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PROJECT
PEERS FLOOD STUDY

TITLE
1000-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 2 OF 3

PATH: I:\CLIENTS\GOVERNMENT OF ALBERTA\AC\A0041746 1954 Peers\Mapping\Hydrology\04 Open Water Flood Inundation Map Production\CA0041746_1954_1000yr-Inundation.aprx, PRINTED ON: AT 3:50:19 PM

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25mm 0

LEGEND

- PROFILE STATION
- MAPPING BOUNDARY
- FLOW DIRECTION
- LOCAL ROAD
- PRIMARY HIGHWAY
- RAILROAD
- CHANNEL CENTRELINE

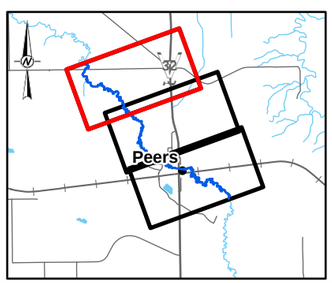
HYDRAULIC STRUCTURES

- BRIDGE
- CULVERT

1000-YEAR FLOOD INUNDATION EXTENT

- 1000-YEAR FLOOD INUNDATION EXTENT

DISCHARGE
JANUARY CREEK = 110 m^3/s



0 250 500
1:7,500 METRES

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ALBERTA ENVIRONMENT AND PROTECTED AREAS

Alberta Canada

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PROJECT
PEERS FLOOD STUDY

TITLE
1000-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
CA0041746.1954	4000	0	SHEET 3 OF 3

PATH: \\CLIENTS\GOVERNMENT_OF_ALBERTA\AC\A0041746_1954_Peers\Mapping\Hydrology\04_Open Water Flood Inundation Map Production\CA0041746_1954_1000y-Inundation.aprx, PRINTED ON: AT 3:50:21 PM

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25mm

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