

Priddis River Hazard Study – Open Water Flood Inundation Map Library

2021

Prepared for:

Alberta Environment and Parks

Prepared by:

Stantec Consulting Ltd.

TABLE OF CONTENTS

Open Water Flood Inundation Index Map (1 Sheet)

2-year Flood Inundation Extent (19 Sheets)

5-year Flood Inundation Extent (19 Sheets)

10-year Flood Inundation Extent (19 Sheets)

20-year Flood Inundation Extent (19 Sheets)

35-year Flood Inundation Extent (19 Sheets)

50-year Flood Inundation Extent (19 Sheets)

75-year Flood Inundation Extent (19 Sheets)

100-year Flood Inundation Extent (19 Sheets)

200-year Flood Inundation Extent (19 Sheets)

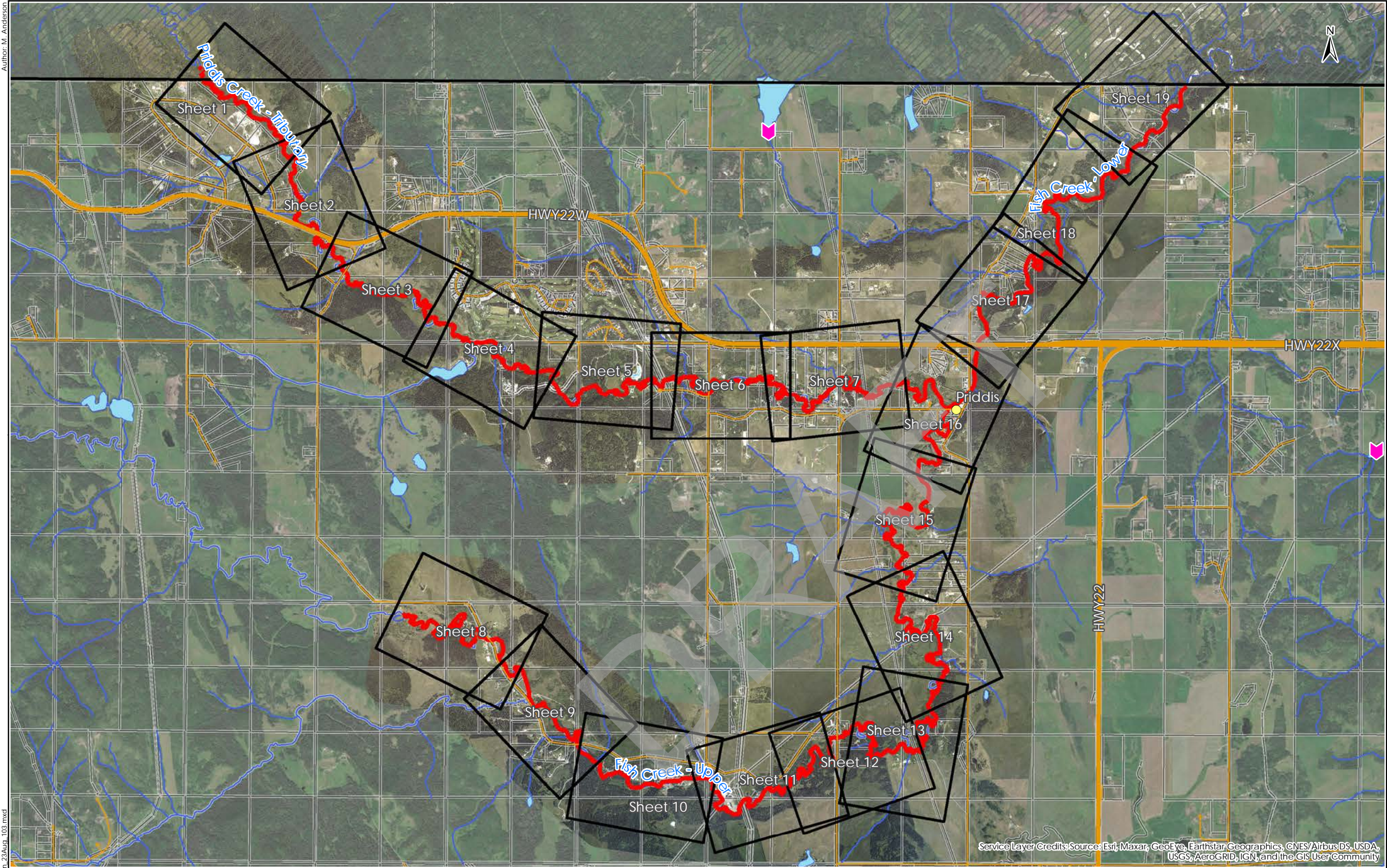
350-year Flood Inundation Extent (19 Sheets)

500-year Flood Inundation Extent (19 Sheets)

750-year Flood Inundation Extent (19 Sheets)

1000-year Flood Inundation Extent (19 Sheets)

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Notes to Users:

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

Definitions:

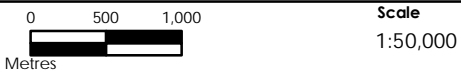
1. **Flood Inundation Mapping** - Delineates flood inundation areas, showing the extent of one or more flood scenarios under existing conditions. Depending on the particular flood scenario, the mapping may be divided into multiple zones. Flood inundation mapping is typically used for near real-time emergency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

Data Sources and References:

1. Orthophoto imagery acquired in 2018 for Alberta Environment and Parks.
2. Local Road data via Alberta Municipal Data Sharing Partnership.
3. Highway data, administrative boundary data via AITAlis



- Priddis
- Dams
- ▨ Tsuut'ina Nation
- Major Road
- Local Road
- Study Reaches
- Waterbodies
- Watercourses
- Cadastral

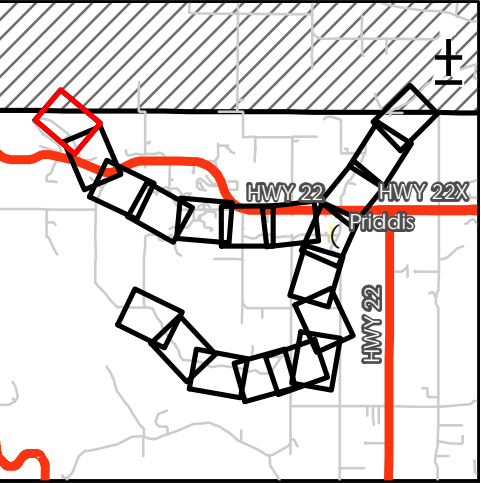


Priddis River Hazard Study
Open Water Flood Inundation Index Map

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		
Project No. 110773627	REV. A	Date: 20 October 2021

2-year Flood Inundation Extent (Sheets 1 to 19)

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Alberta Government

Stantec

Flood Inundation Extent - 2-year

Flow Direction

Cross Sections

Creek

Major Road

Local Road

Tsuut'ina Nation

RS:123 River Station

Discharge
Priddis Creek: 8 m³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study

2-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

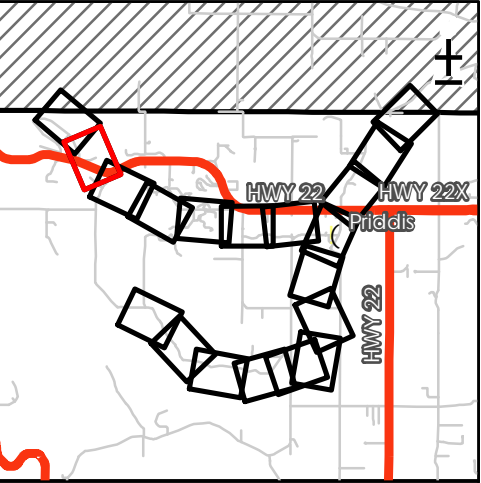
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NAD 1983 CSRS 3TM 114

Sheet:
1 of 19

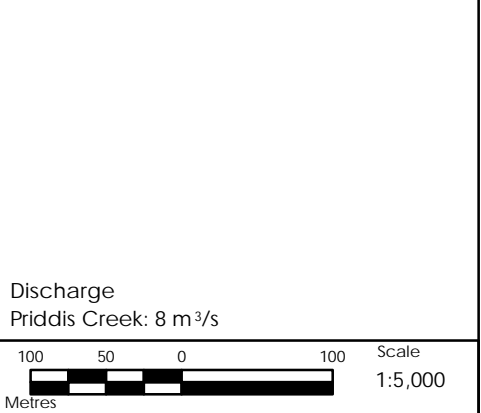
Project No.
110773627

REV.
A

Date:
20 October 2021



- Sheet: 3 ?
- Flood Inundation Extent - 2-year
 - Flow Direction
 - Bridge
 - Cross Sections
 - Creek
 - Major Road
 - Local Road
 - RS:123 River Station

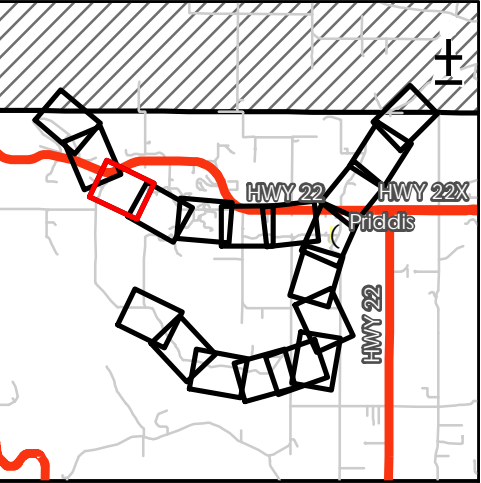


Priddis River Hazard Study		
2-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 2 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIAIS 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 2-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Major Road
- Local Road
- RS: 123 River Station

Discharge
Priddis Creek: 8 m³/s

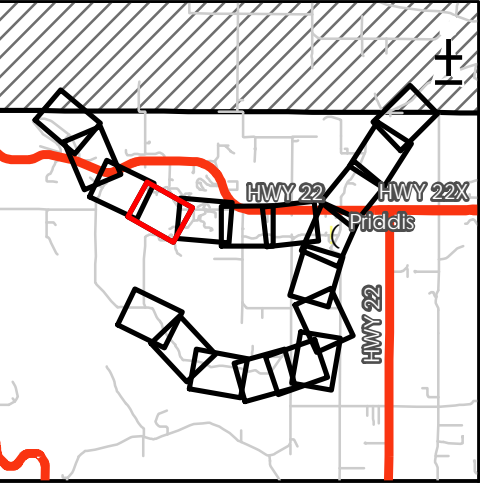
100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study		
2-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 3 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Author: D. Merrick
Sheet: 3 ?
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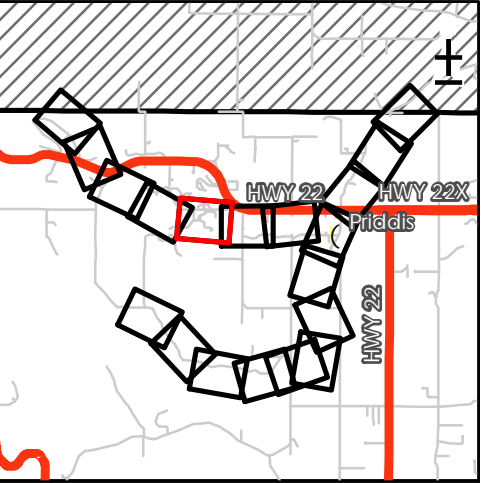
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- Flood Inundation Extent - 2-year
 - Flow Direction
 - Bridge
 - Culvert
 - Cross Sections
 - Creek
 - Local Road
 - RS: 123 River Station

Discharge
Priddis Creek: 8 m³/s

100 50 0 100 Scale
Metres 1:5,000

Priddis River Hazard Study		
2-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 4 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIdA; 2019 Imagery via Government of Alberta



Flood Inundation Extent - 2-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123 River Station

Discharge
Priddis Creek: 8 m³/s

100

50

0

100

Metres

Scale
1:5,000

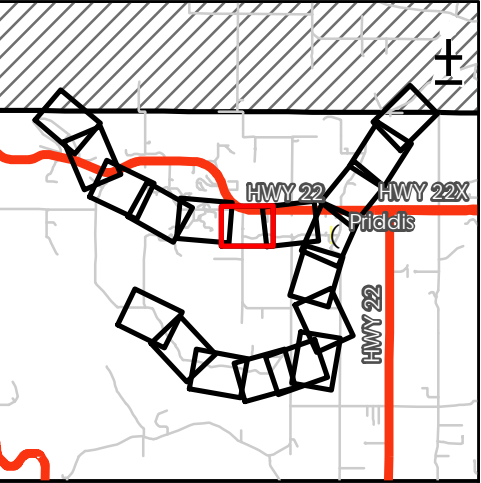
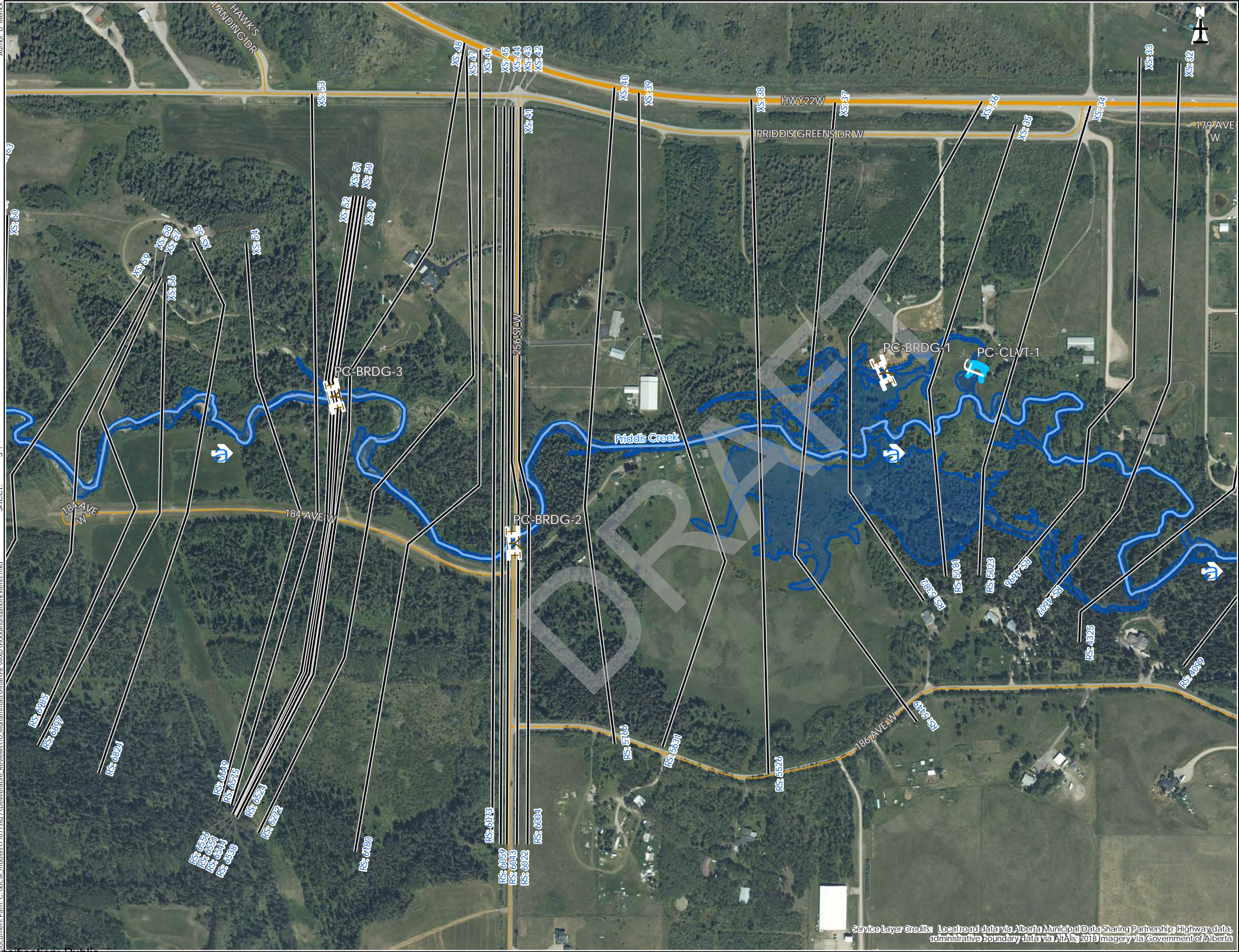
Priddis River Hazard Study

2-Year Flood Inundation Extent

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Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 5 of 19
Project No. 110773627	REV. A	Date: 20 October 2021

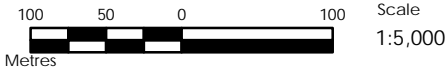
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Author: D. Merrick
Sheet: 5 ?
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- Flood Inundation Extent - 2-year
- Flow Direction
- Bridge
- Culvert
- Cross Sections
- Creek
- Major Road
- Local Road
- RS: 123 River Station

Discharge
Priddis Creek: 8 m³/s



Priddis River Hazard Study

2-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
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Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 6 of 19
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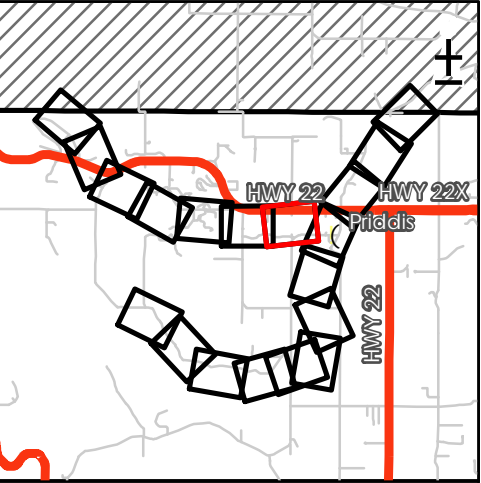
Project No. 110773627	REV. A	Date: 20 October 2021
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Author: D. Merrick
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Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 2-year

Flow Direction

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123 River Station

Discharge
Priddis Creek: 8 m³/s

100

50

0

100

Metres

Scale
1:5,000

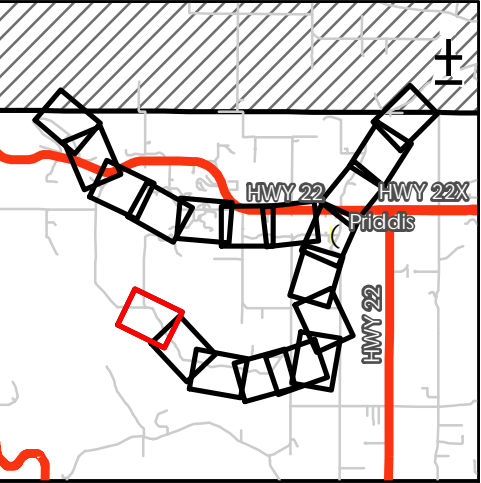
Priddis River Hazard Study

2-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 7 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via AIT/Alis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 2-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

River Station

Discharge
Fish Creek: 11 m³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study

2-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
8 of 19

Project No.
110773627

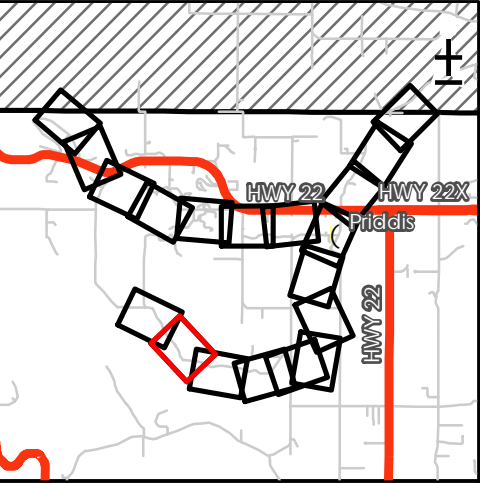
REV.
A

Date:
20 October 2021

Classification: Public



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AITLis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 2-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 11 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

2-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
9 of 19

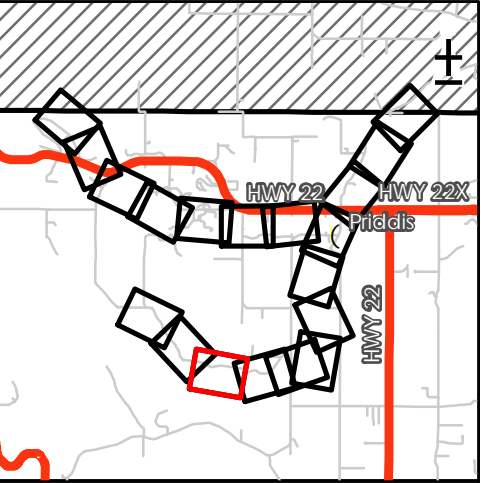
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110773627

REV.
A

Date:
20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIdalis 2019 Imagery via Government of Alberta



- Flood Inundation Extent - 2-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- River Station

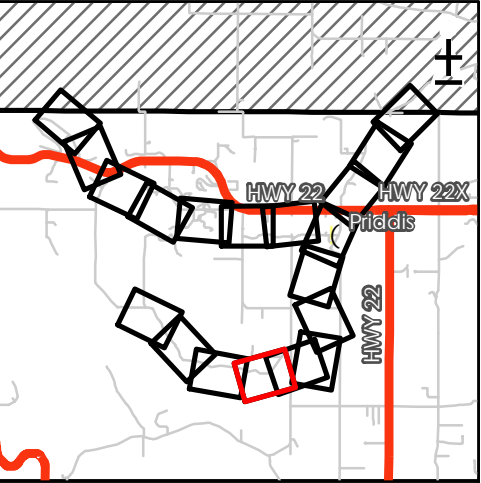
Discharge
Fish Creek: 11 m³/s

100 50 0 100 Scale
Metres 1:5,000

Priddis River Hazard Study		
2-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 10 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 2-year

Flow Direction

Bridge

Culvert

Cross Sections

Creek

Local Road

RS: 123 River Station

Discharge
Fish Creek: 11 m³/s

100500100

Metres

Scale
1:5,000

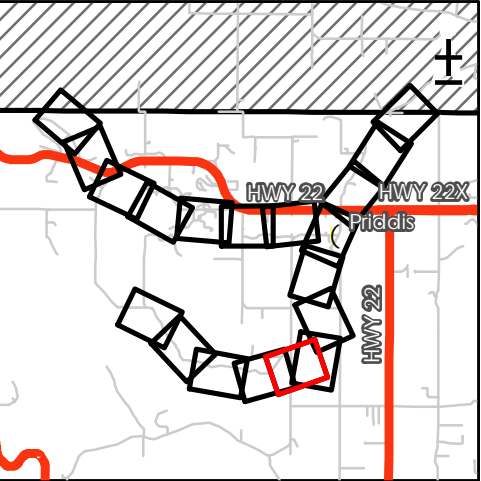
Priddis River Hazard Study

2-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 11 of 19
Project No. 110773627	REV. A	Date: 20 October 2021

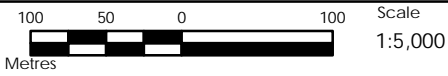


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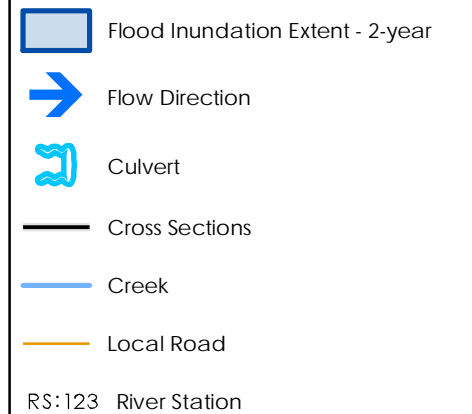
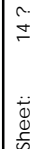


- Flood Inundation Extent - 2-year
- Flow Direction
- Culvert
- Cross Sections
- Creek
- Local Road
- RS:123 River Station

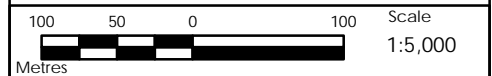
Discharge
Fish Creek: 11 m³/s



Priddis River Hazard Study		
2-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 12 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Discharge
Fish Creek: 11 m³/s



Priddis River Hazard Study

2-Year Flood Inundation Extent

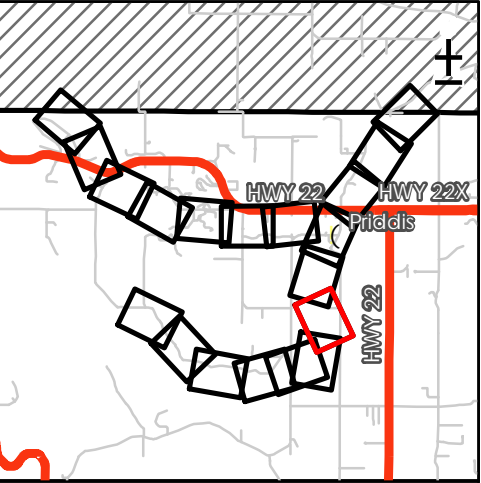
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MA	JB	MW

Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 13 of 19
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Project No.	REV.	Date:
110773627	A	20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 2-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 11 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

2-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

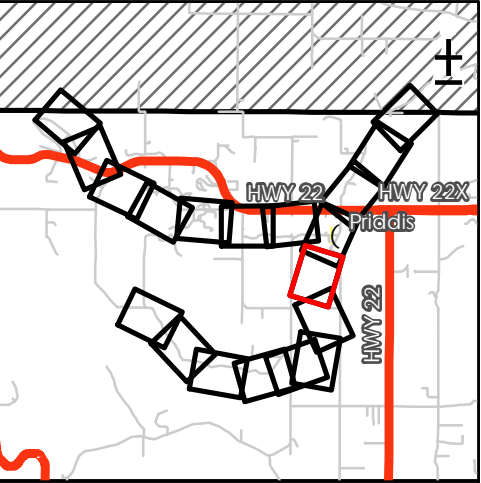
Sheet:
14 of 19

Project No.
110773627

REV.
A

Date:
20 October 2021

Classification: Public



- Flood Inundation Extent - 2-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS: 123 River Station

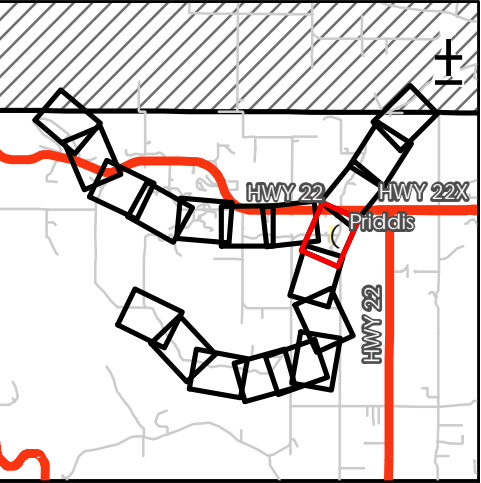
Discharge
Fish Creek: 11 m³/s

100 50 0 100 Scale
Metres 1:5,000

Priddis River Hazard Study		
2-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 15 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 2-year

Flow Direction

Bridge

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123

 River Station

Discharge
Fish Creek above cross section 56: 11 m³/s
Fish Creek below cross section 56: 19 m³/s
Priddis Creek: 8 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

2-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

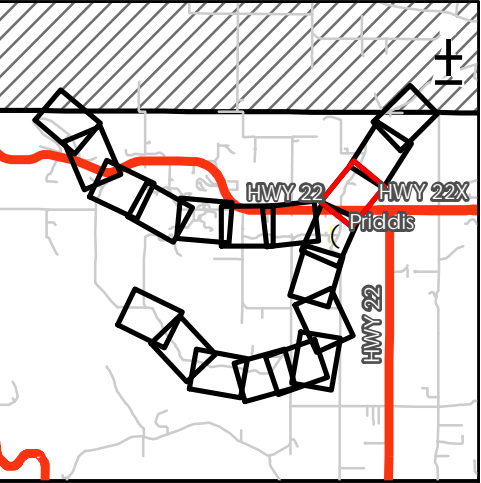
Sheet:
16 of 19

Project No.
110773627

REV.
A

Date:
20 October 2021

Classification: Public



Flood Inundation Extent - 2-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123 River Station

Discharge
Fish Creek: 19 m³/s

100 50 0 100

Metres

Scale
1:5,000

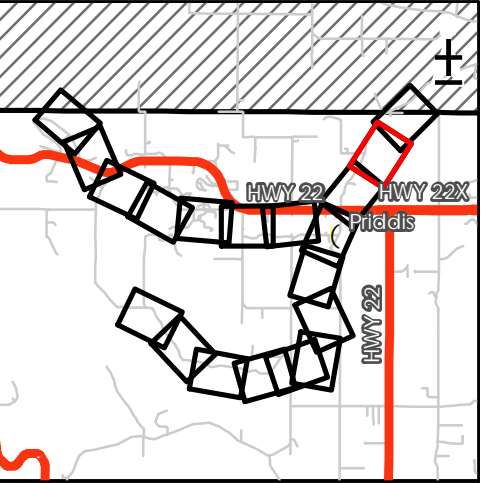
Priddis River Hazard Study

2-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 17 of 19
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta

Author: D. Merrick
Sheet: 17 ?
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- Flood Inundation Extent - 2-year
 - Flow Direction
 - Cross Sections
 - Creek
 - Local Road
- RS:123 River Station

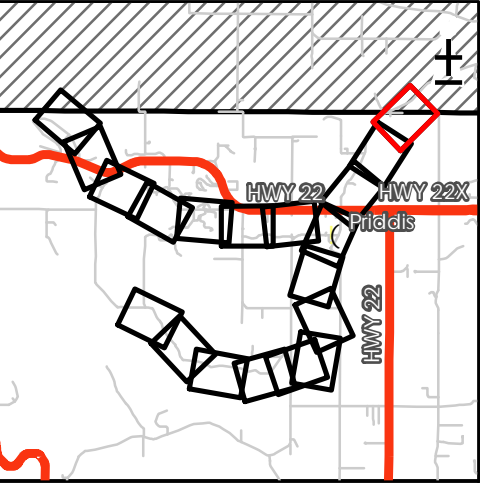


Priddis River Hazard Study		
2-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 18 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via AIA; 2018 Imagery via Government of Alberta



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AltaLis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 2-year
Flow Direction
Cross Sections
Creek
Local Road
Tsuut'ina Nation

RS:123 River Station

Discharge
Fish Creek: 19 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

2-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
19 of 19

Project No.
110773627

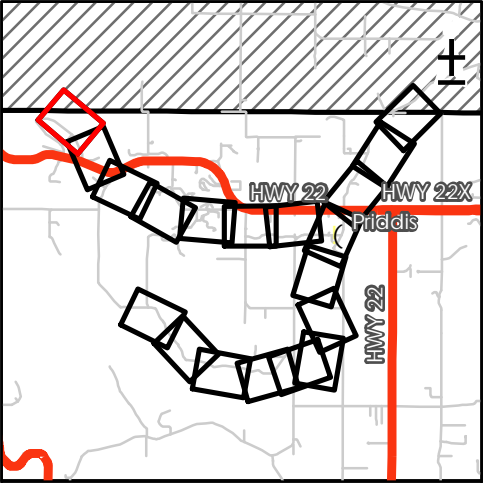
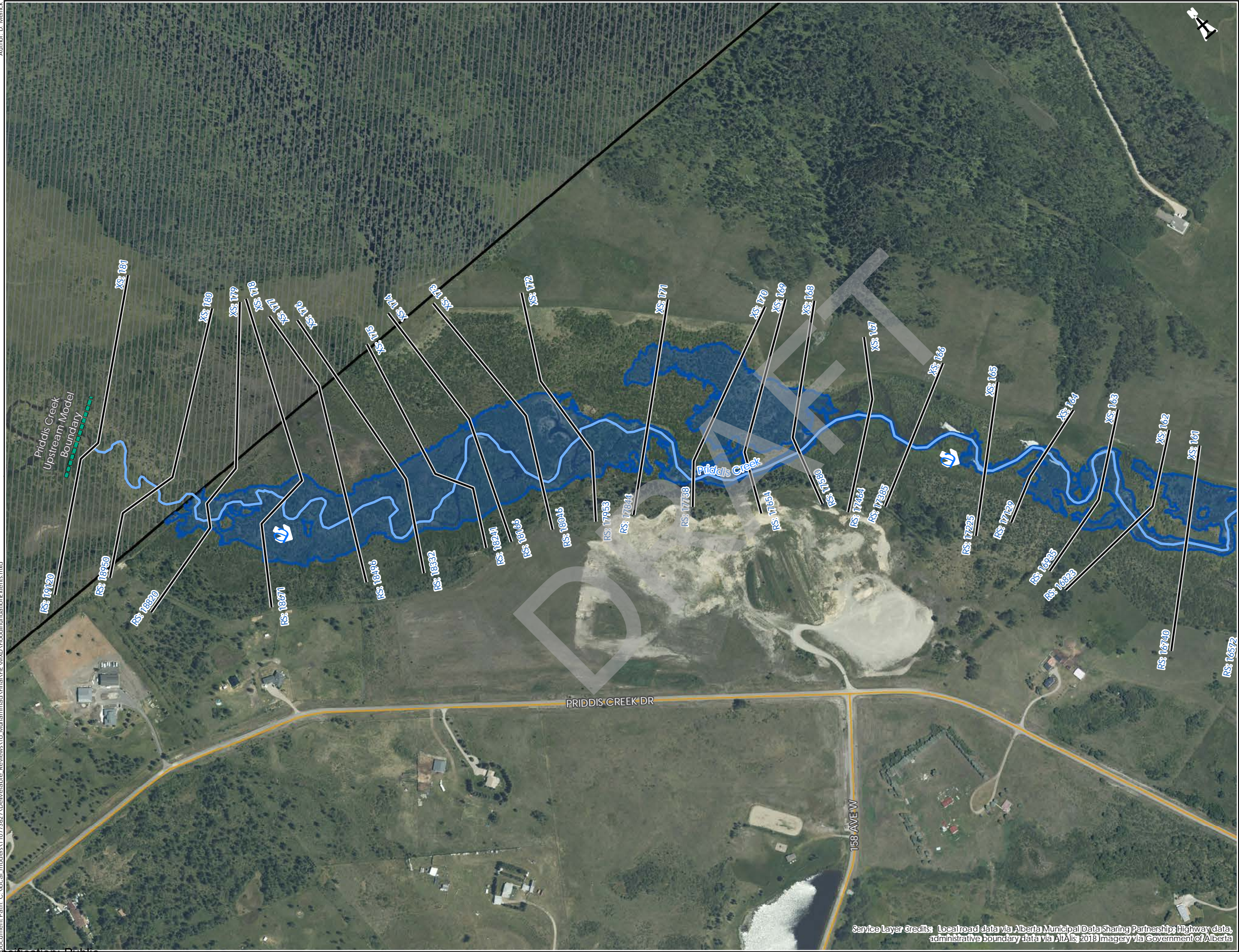
REV.
A

Date:
20 October 2021


Classification: Public

5-year Flood Inundation Extent (Sheets 1 to 19)

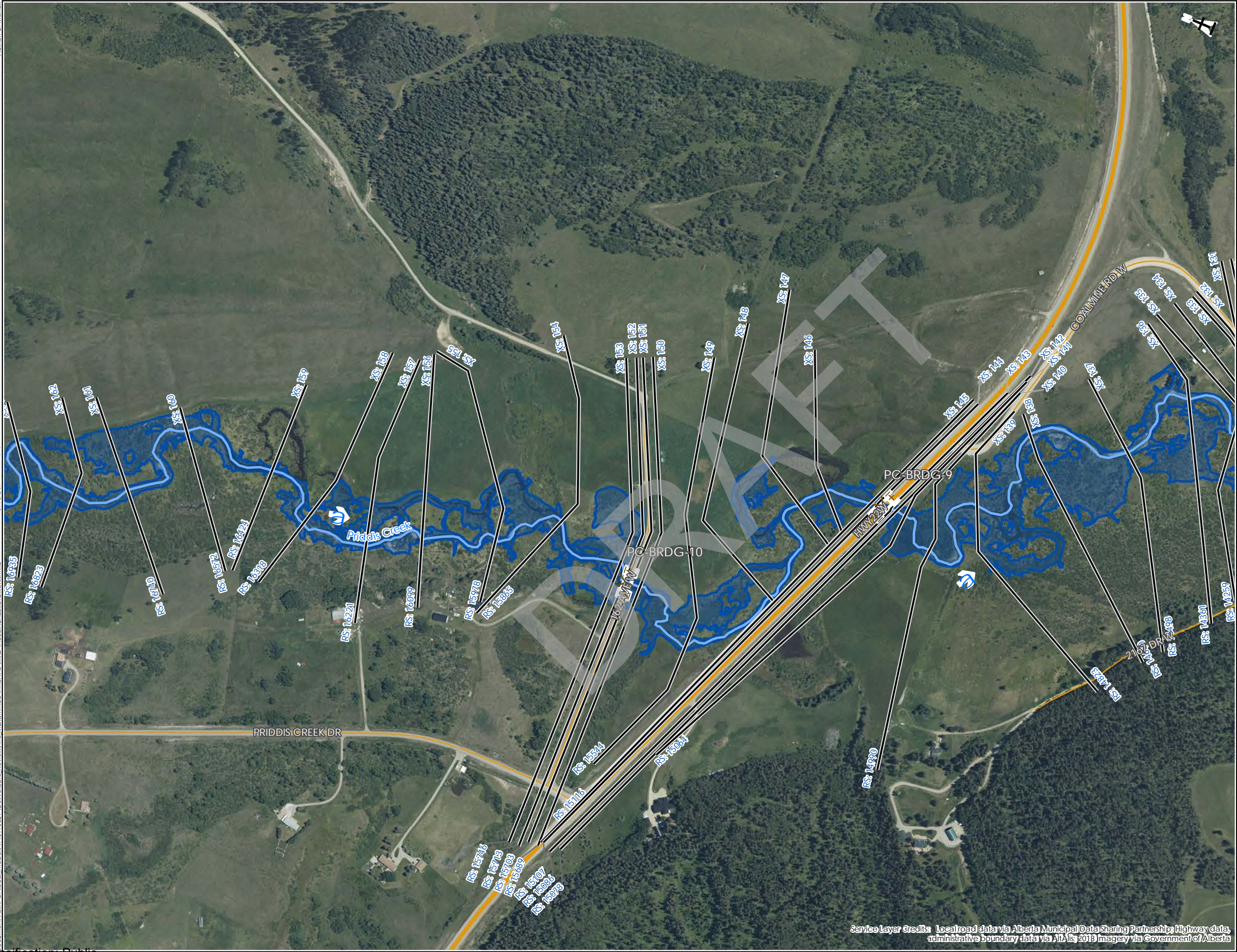
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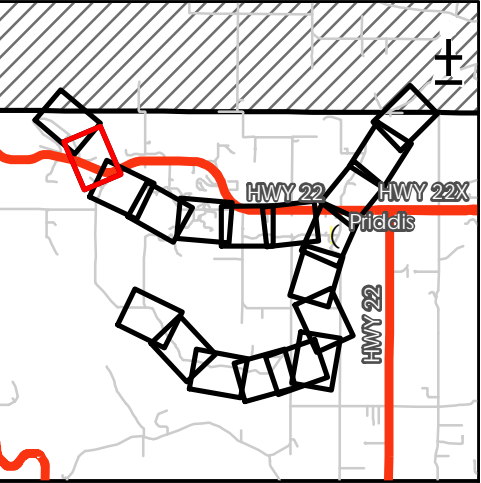
- Sheet: 2 ?
- Flood Inundation Extent - 5-year
 - Flow Direction
 - Cross Sections
 - Creek
 - Major Road
 - Local Road
 - Tsuut'ina Nation
 - RS: 123 River Station

Discharge Priddis Creek: 22 m ³ /s		
		Scale 1:5,000
Priddis River Hazard Study 5-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 1 of 19
Project No. 110773627	REV. A	Date: 20 October 2021

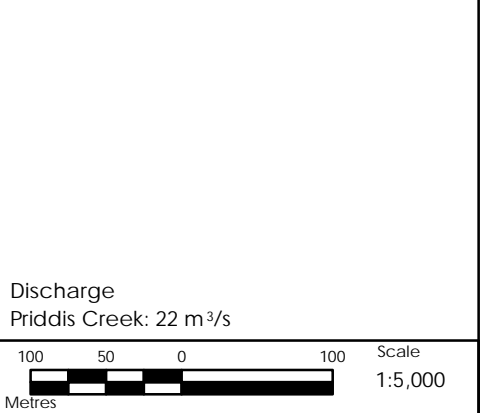
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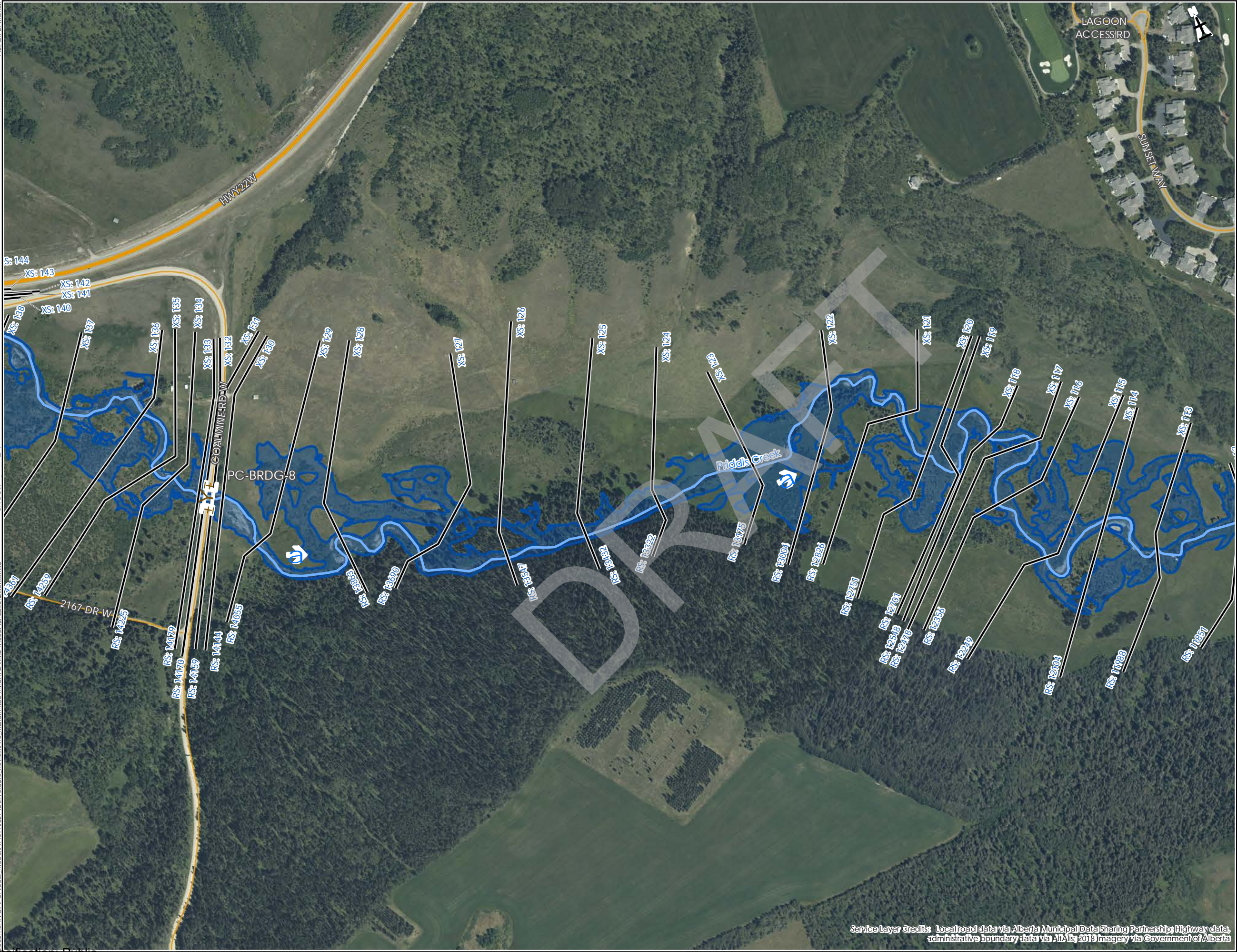
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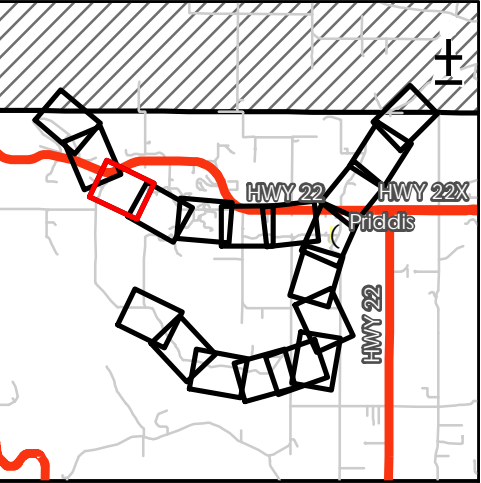
- Flood Inundation Extent - 5-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Major Road
- Local Road
- RS:123 River Station



Priddis River Hazard Study		
5-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 2 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 5-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123 River Station

Discharge
Priddis Creek: 22 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

5-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

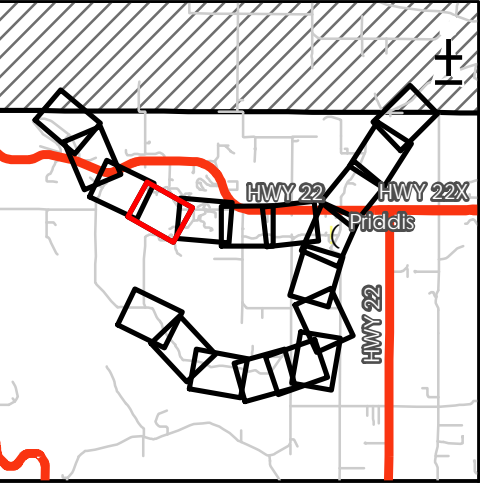
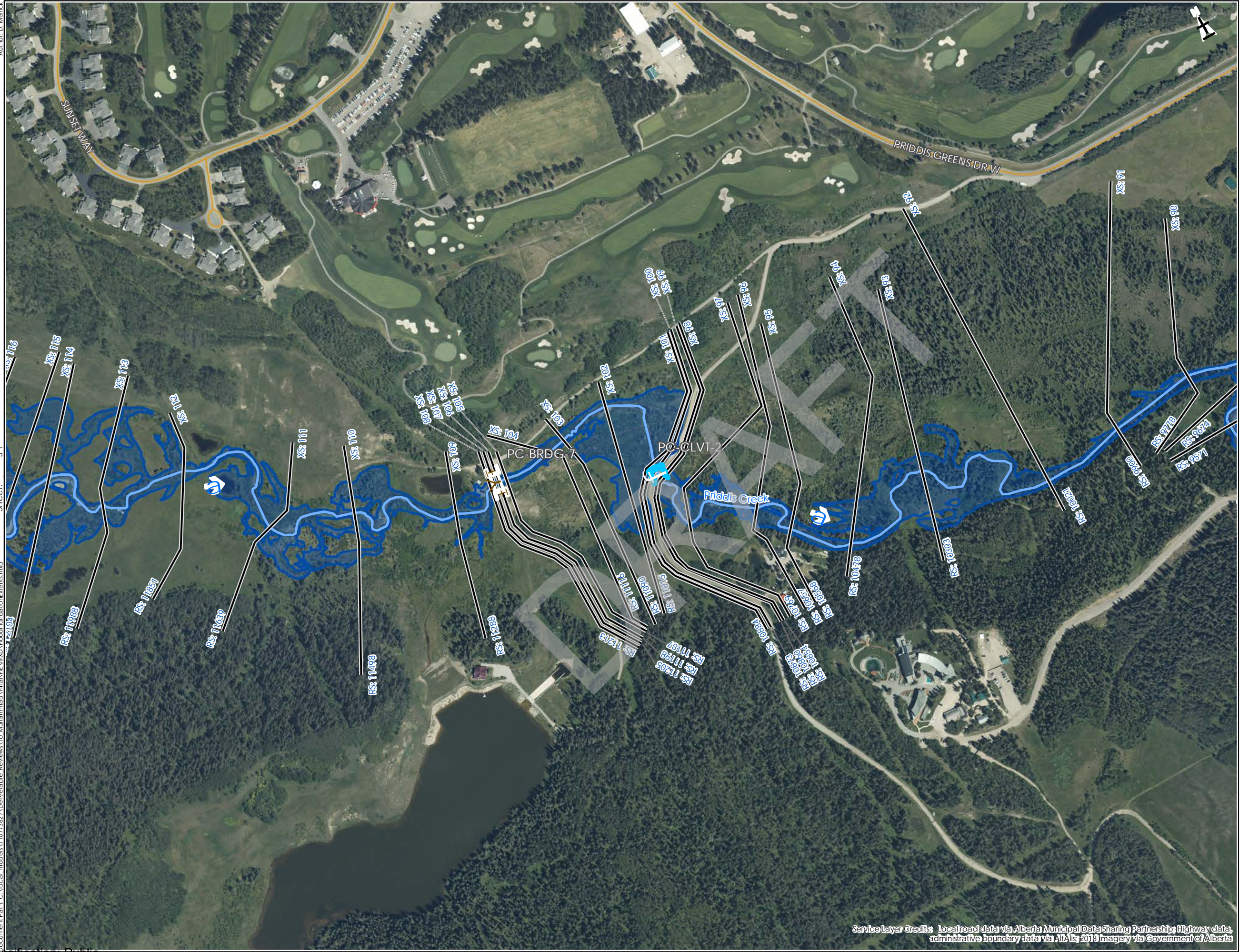
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3 of 19

Project No.
110773627

REV.
A

Date:
20 October 2021

Author: D. Merrick
Sheet: 3 ?
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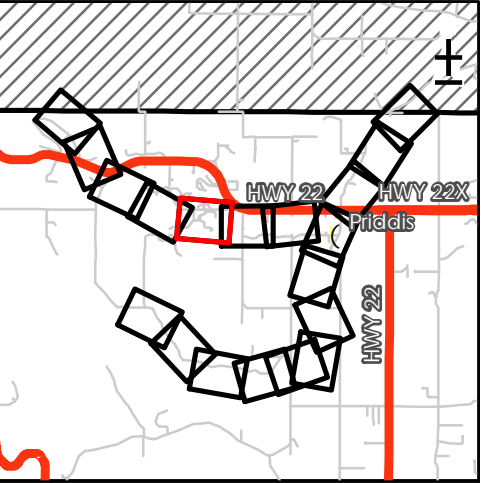
- Flood Inundation Extent - 5-year
- Flow Direction
- Bridge
- Culvert
- Cross Sections
- Creek
- Local Road
- RS: 123 River Station

Discharge
Priddis Creek: 22 m³/s

100 50 0 100 Scale
Metres 1:5,000

Priddis River Hazard Study		
5-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 4 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIdA; 2019 Imagery via Government of Alberta



Flood Inundation Extent - 5-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123

River Station

Discharge
Priddis Creek: 22 m³/s

100500100

Metres

Scale
1:5,000

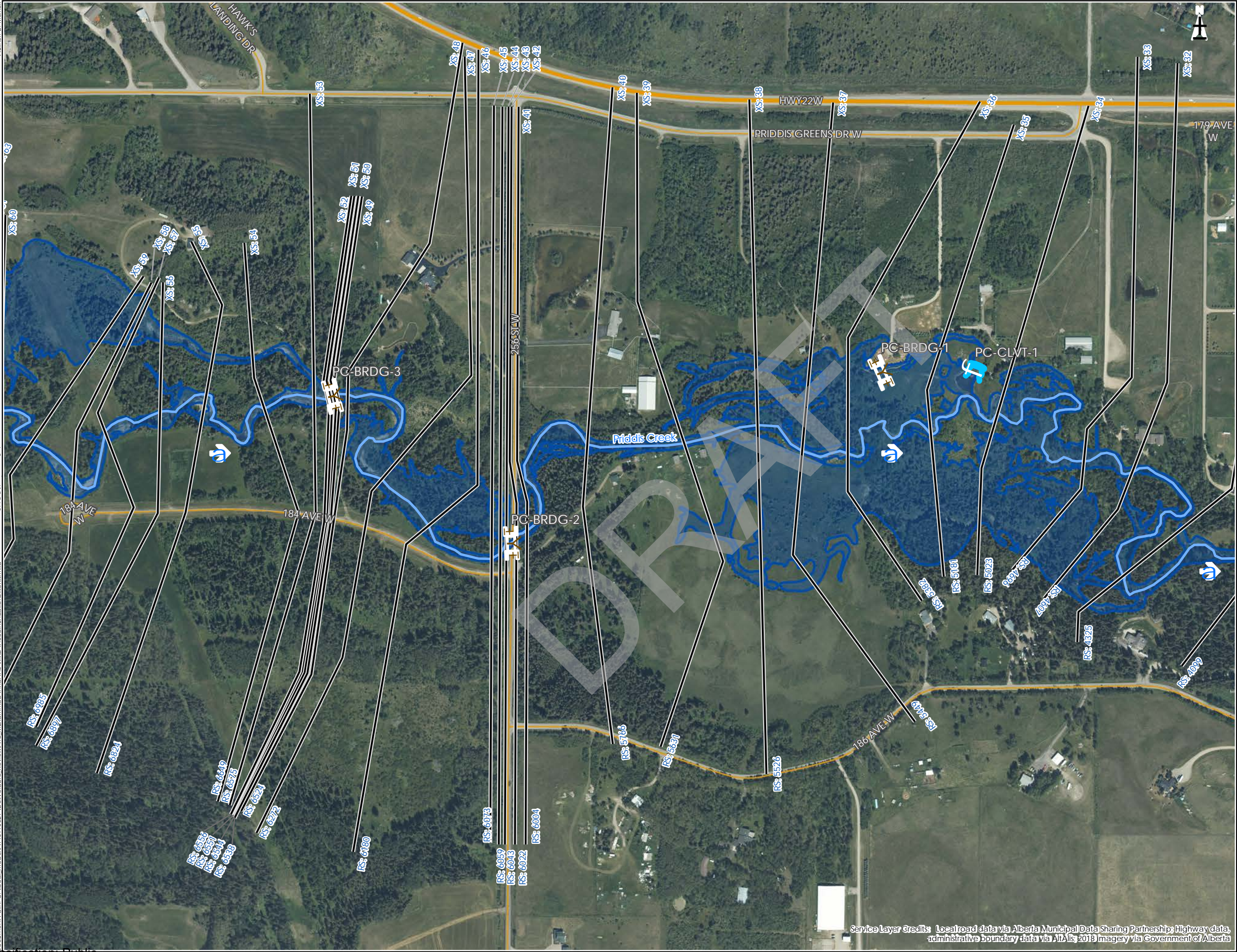
Priddis River Hazard Study

5-Year Flood Inundation Extent

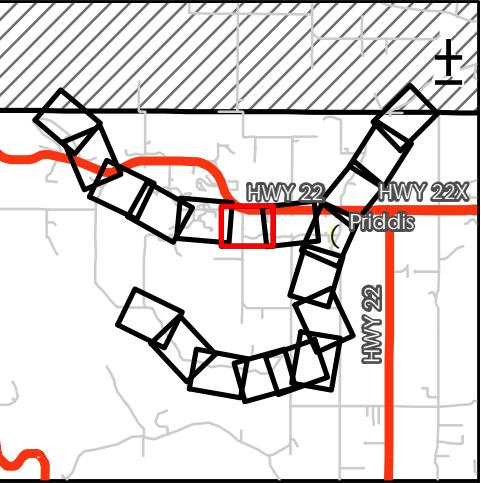
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 5 of 19
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA; 2018 imagery via Government of Alberta

Author: D. Merrick
Sheet: 5 ?
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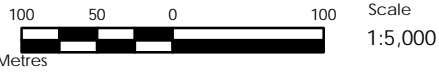


Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 5-year
- Flow Direction
- Bridge
- Culvert
- Cross Sections
- Creek
- Major Road
- Local Road
- RS: 123 River Station

Discharge
Priddis Creek: 22 m³/s



Priddis River Hazard Study

5-Year Flood Inundation Extent

GIS: MA QA/QC: JB Approved: MW

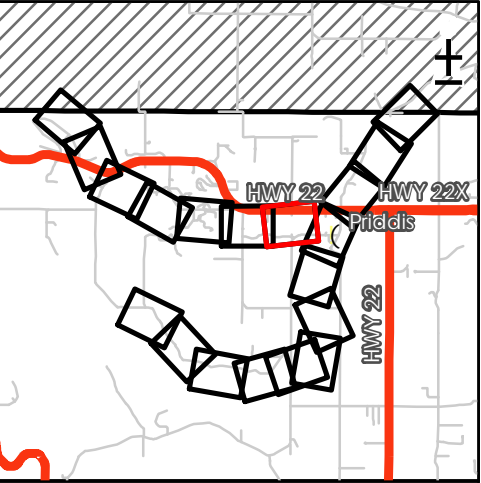
Spatial Ref: NAD 1983 CSRS 3TM 114 Sheet: 6 of 19

Project No: 110773627 REV: A Date: 20 October 2021

Author: D. Merrick
Sheet: 6 ?
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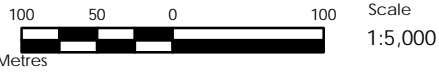


Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 5-year
- Flow Direction
- Culvert
- Cross Sections
- Creek
- Major Road
- Local Road
- RS: 123 River Station

Discharge
Priddis Creek: 22 m³/s

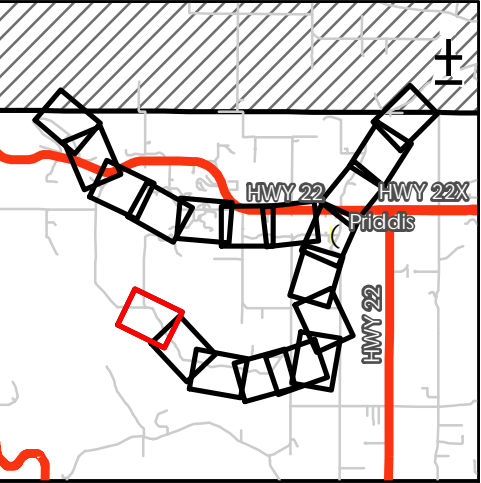


Priddis River Hazard Study
5-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 7 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via AIT/Alis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 5-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

River Station

Discharge
Fish Creek: 30 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

5-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
8 of 19

Project No.
110773627

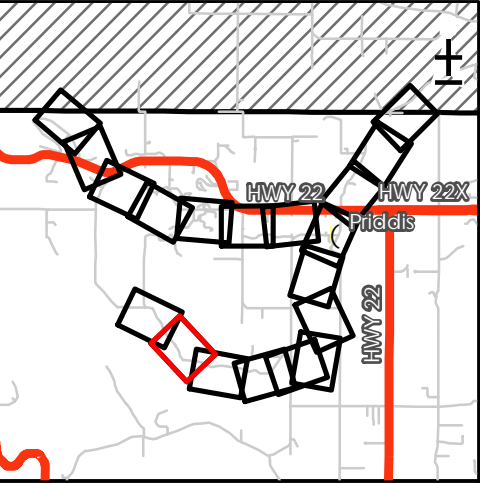
REV.
A

Date:
20 October 2021

Classification: Public



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AITLis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 5-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 30 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

5-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
9 of 19

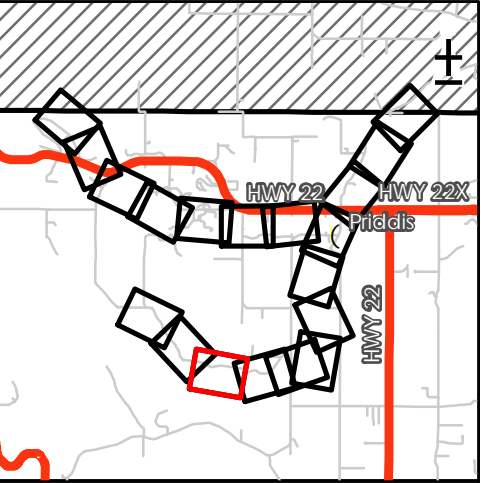
Project No.
110773627

REV.
A

Date:
20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIdalis 2019 Imagery via Government of Alberta



Flood Inundation Extent - 5-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 30 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

5-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
10 of 19

Project No.
110773627

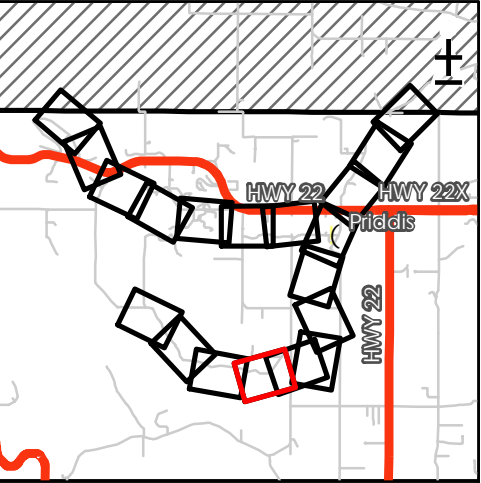
REV.
A

Date:
20 October 2021

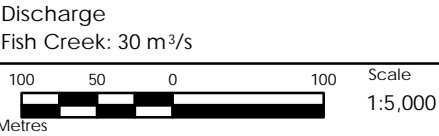
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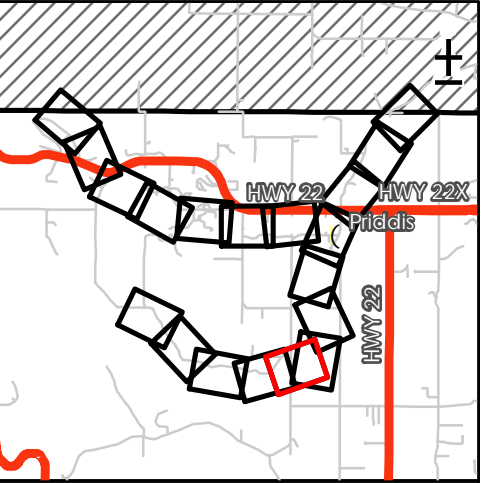
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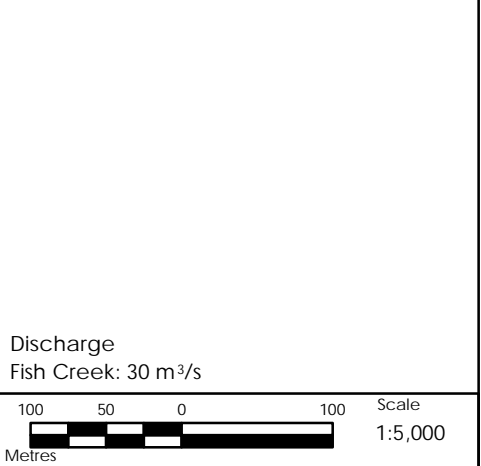
- Flood Inundation Extent - 5-year
- Flow Direction
- Bridge
- Culvert
- Cross Sections
- Creek
- Local Road
- RS: 123 River Station



Priddis River Hazard Study		
5-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 11 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



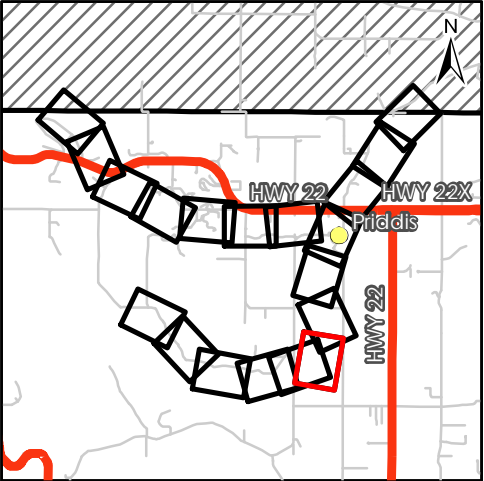
- Flood Inundation Extent - 5-year
- Flow Direction
- Culvert
- Cross Sections
- Creek
- Local Road
- RS:123 River Station











Priddis River Hazard Study		
5-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 12 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AITaIs 2018 Imagery via Government of Alberta







Flood Inundation Extent - 5-year

Flow Direction

Culvert

Cross Sections

Creek

Local Road

RS: 123 River Station

Discharge
Fish Creek: 30 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

5-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

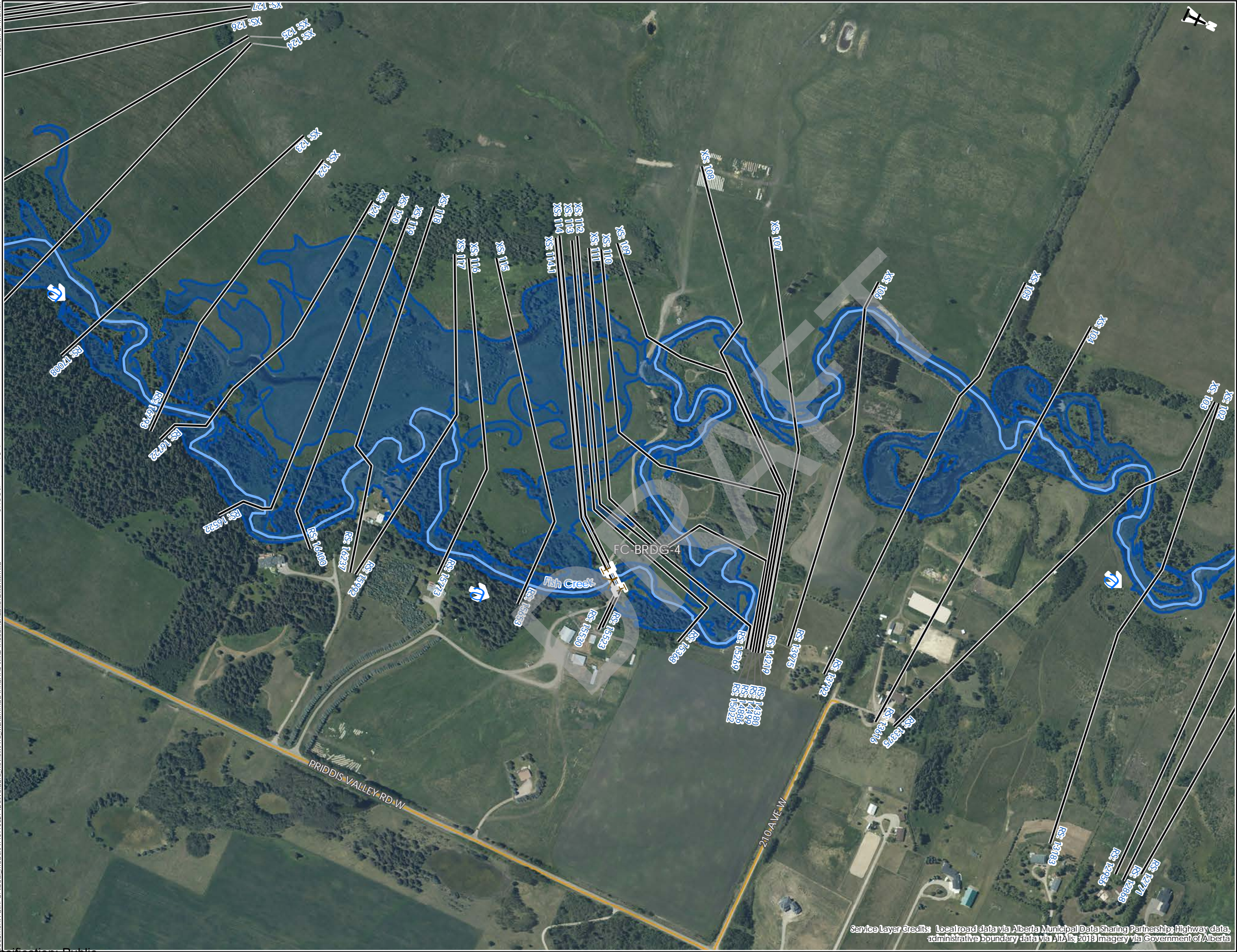
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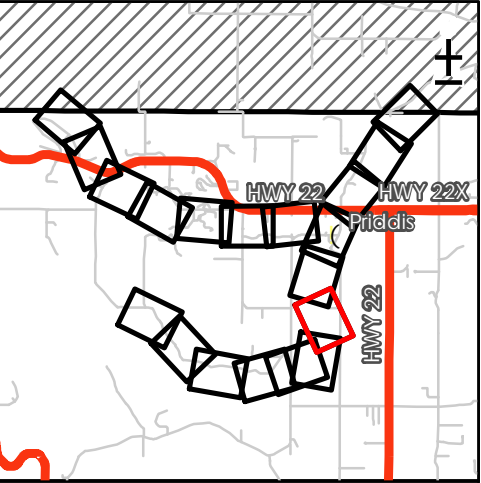
Project No.
110773627

REV.
A

Date:
20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 5-year

Flow Direction

Bridge

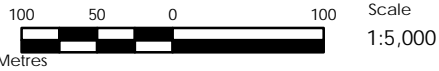
Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 30 m³/s

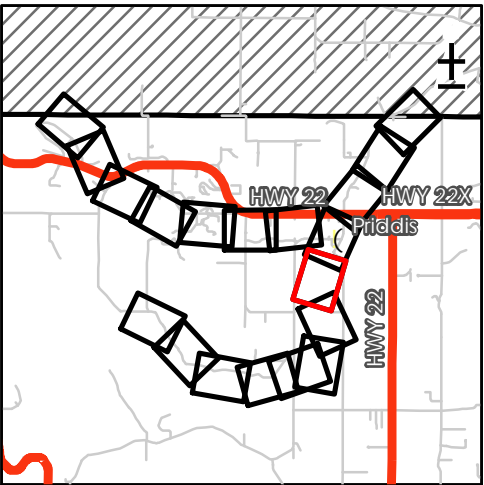









Priddis River Hazard Study
5-Year Flood Inundation Extent

GIS: MA QA/QC: JB Approved: MW

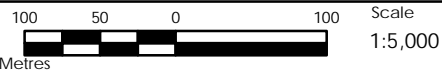
Spatial Ref: NAD 1983 CSRS 3TM 114 Sheet: 14 of 19

Project No: 110773627 REV: A Date: 20 October 2021



-  Flood Inundation Extent - 5-year
-  Flow Direction
-  Bridge
-  Cross Sections
-  Creek
-  Local Road
-  River Station

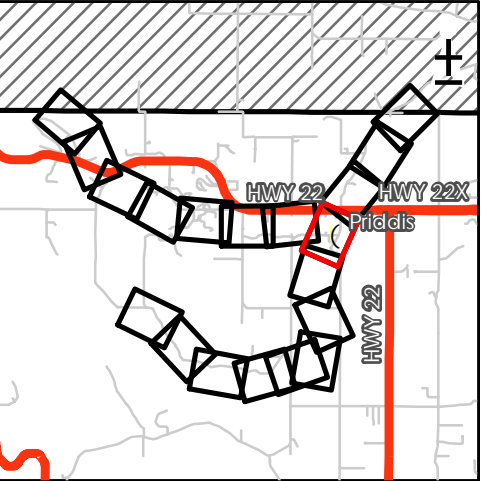
Discharge
Fish Creek: 30 m³/s

Priddis River Hazard Study
5-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 15 of 19
Project No. 110773627	REV. A	Date: 20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Alberta
Government

Stantec

Flood Inundation Extent - 5-year

Flow Direction

Bridge

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123 River Station

Discharge
Fish Creek above cross section 56: 30 m³/s
Fish Creek below cross section 56: 52 m³/s
Priddis Creek: 22 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

5-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

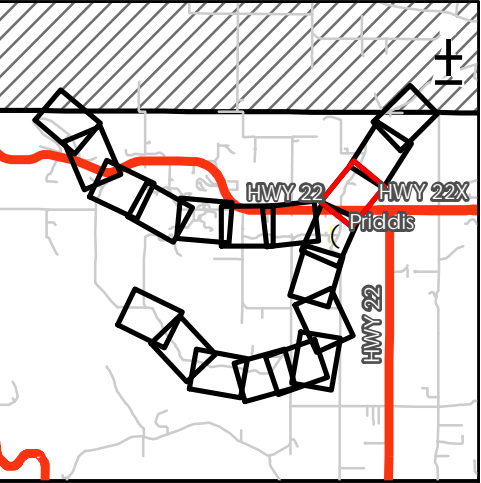
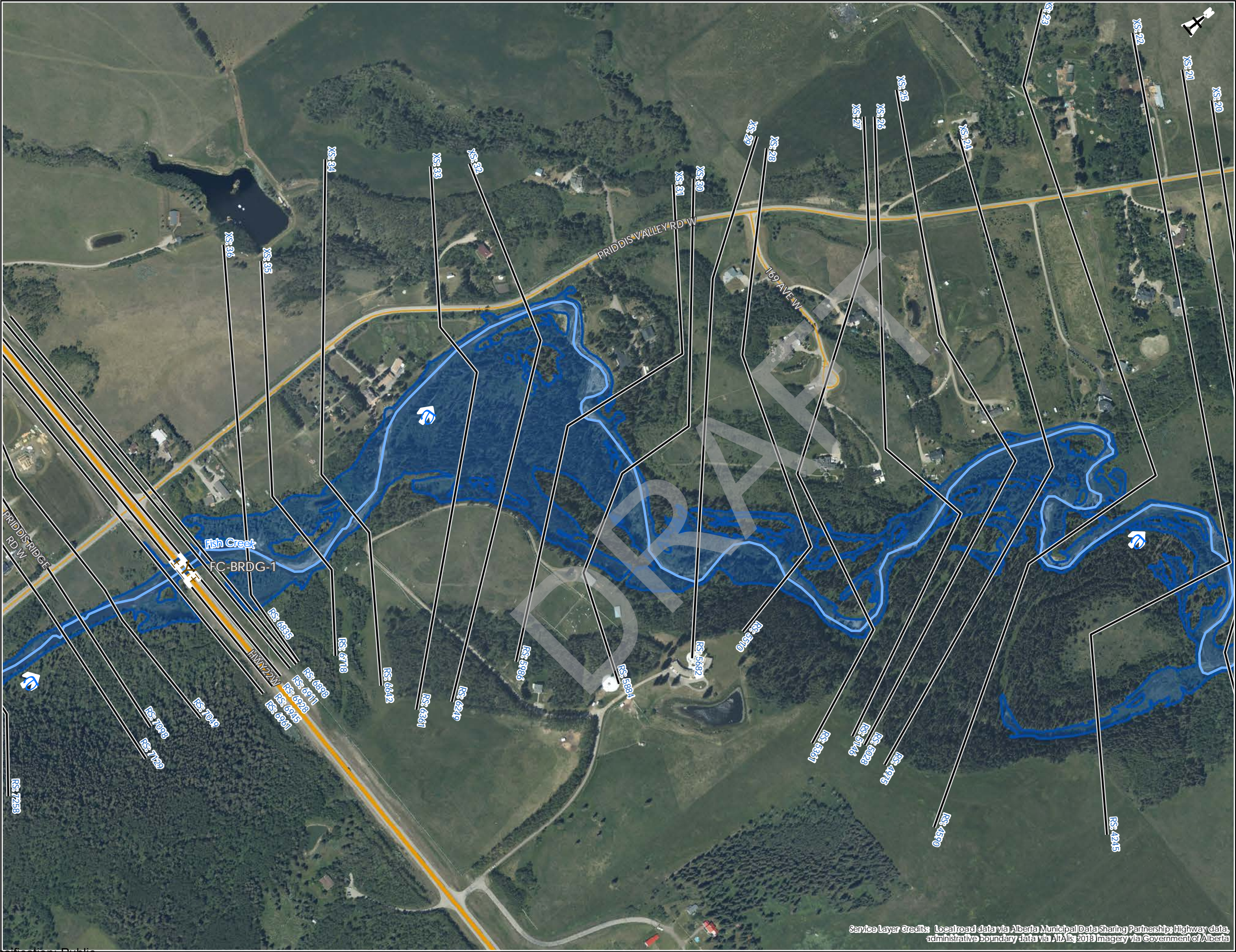
Spatial Ref: NAD 1983 CSRS 3TM 114

Sheet: 16 of 19

Project No. 110773627

REV. A

Date: 20 October 2021



Flood Inundation Extent - 5-year
Flow Direction
Bridge
Cross Sections
Creek
Major Road
Local Road

RS:123 River Station

Discharge
Fish Creek: 52 m³/s

100 50 0 100
Metres

Scale
1:5,000

Priddis River Hazard Study

5-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114

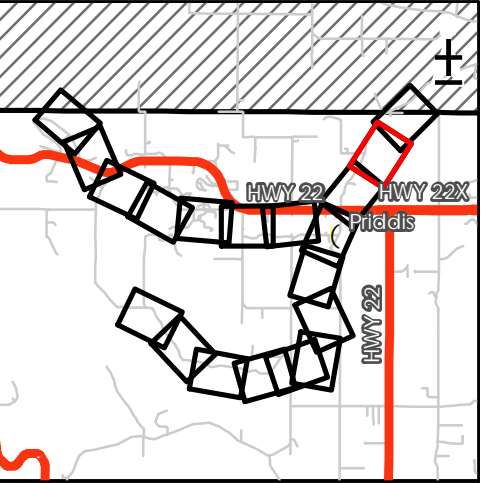
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Project No. 110773627

REV. A

Date: 20 October 2021

Author: D. Merrick
Sheet: 17 ?
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Flood Inundation Extent - 5-year

Flow Direction

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 52 m³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study

5-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
18 of 19

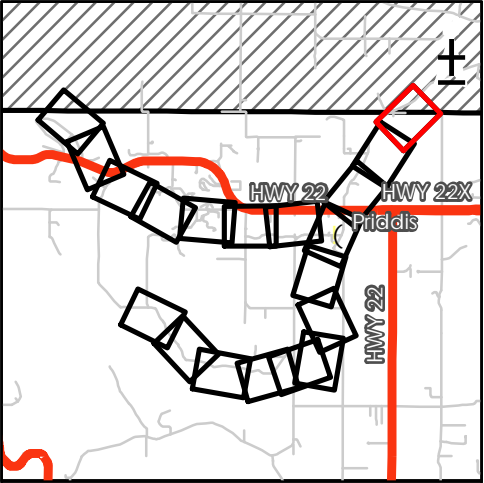
Project No.
110773627

REV.
A

Date:
20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via AIA; 2018 Imagery via Government of Alberta

Classification: Public



Flood Inundation Extent - 5-year
Flow Direction
Cross Sections
Creek
Local Road
Tsuut'ina Nation

RS:123 River Station

Discharge
Fish Creek: 52 m³/s

100500100

Metres

Scale
1:5,000

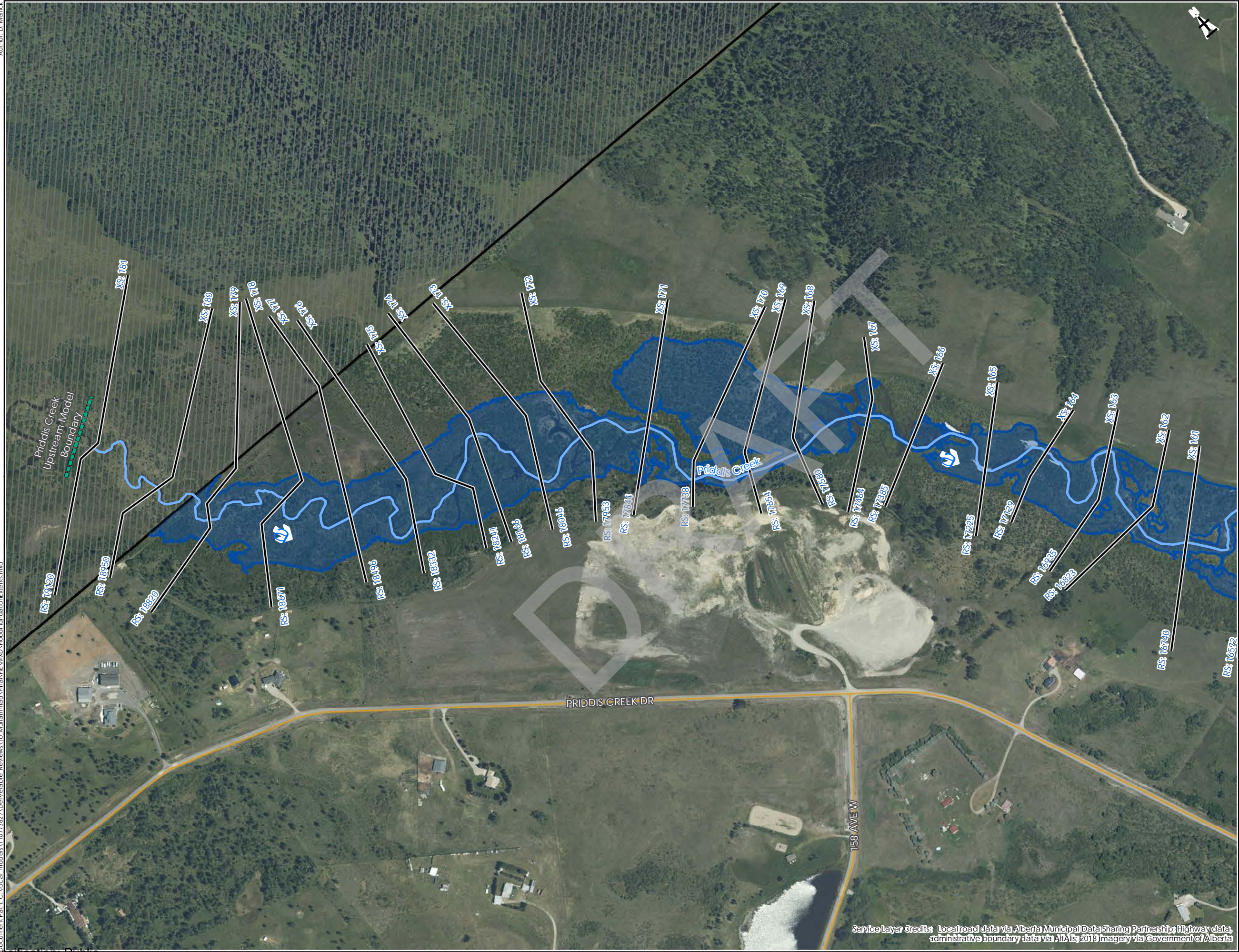
Priddis River Hazard Study

5-Year Flood Inundation Extent

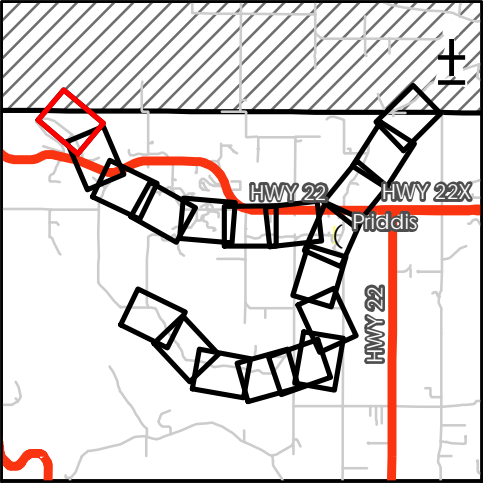
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Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 19 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

10-year Flood Inundation Extent (Sheets 1 to 19)

DRAFT



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 10-year

Flow Direction

Cross Sections

Creek

Major Road

Local Road

Tsuut'ina Nation

RS: 123 River Station

Discharge
Priddis Creek: 38 m³/s

100

50

0

100

Metres

Scale
1:5,000

Priddis River Hazard Study

10-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

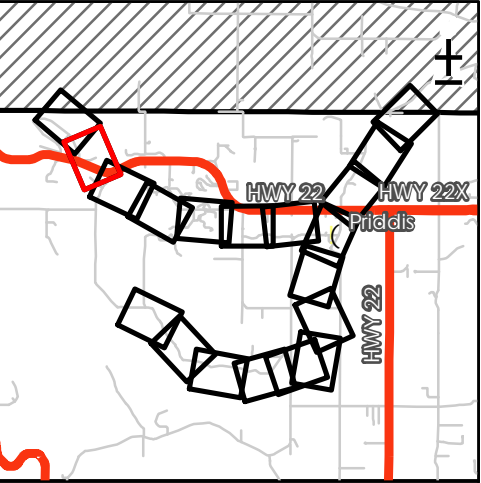
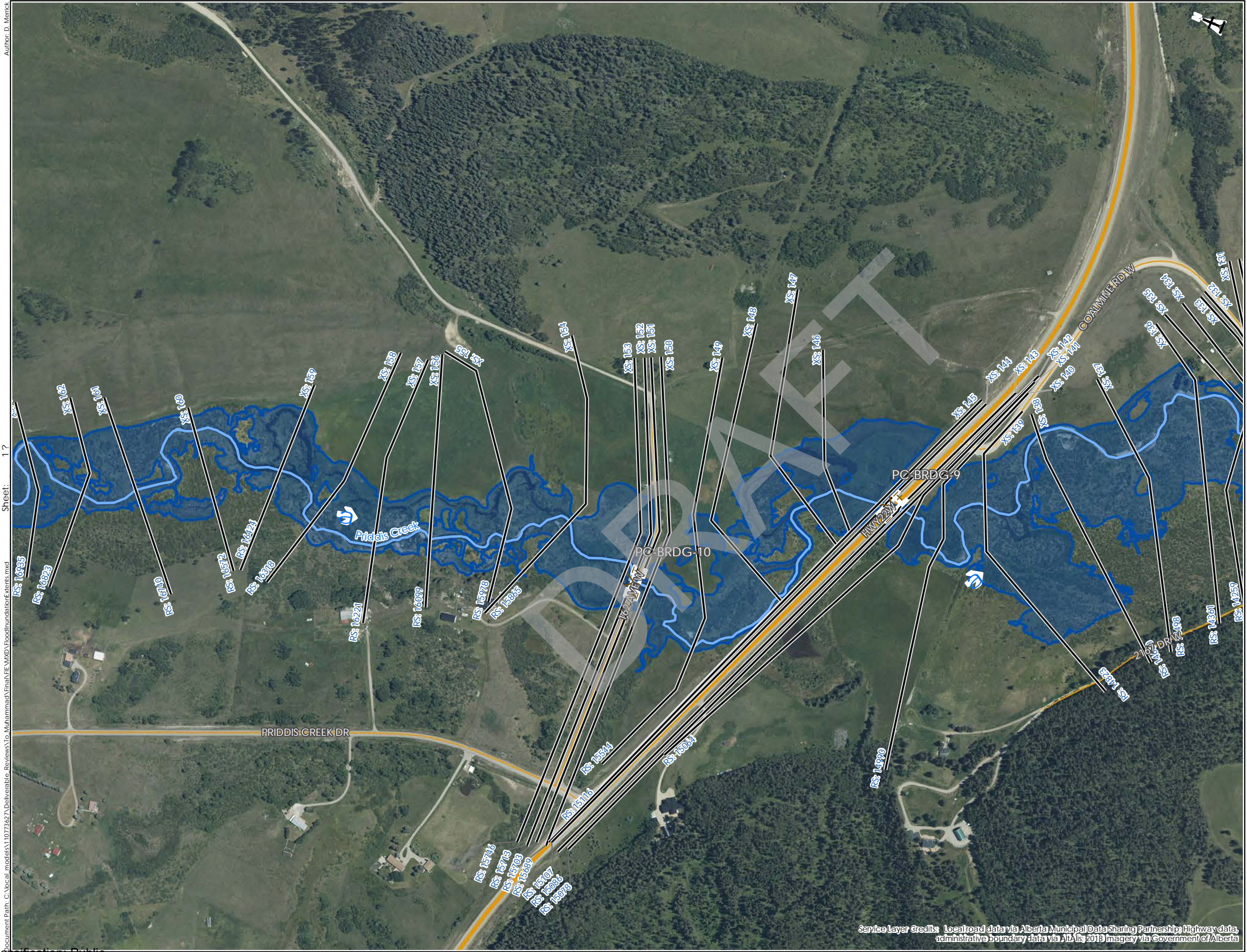
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Project No.
110773627

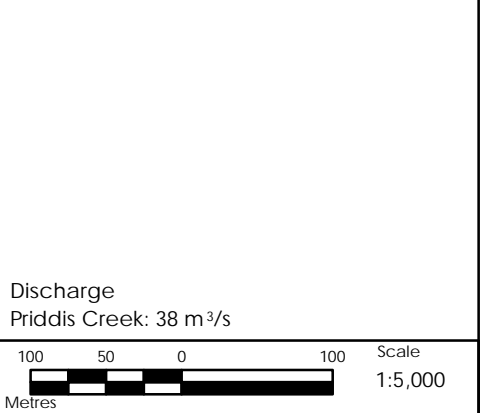
REV.
A

Date:
20 October 2021

Sheet: 2 ?



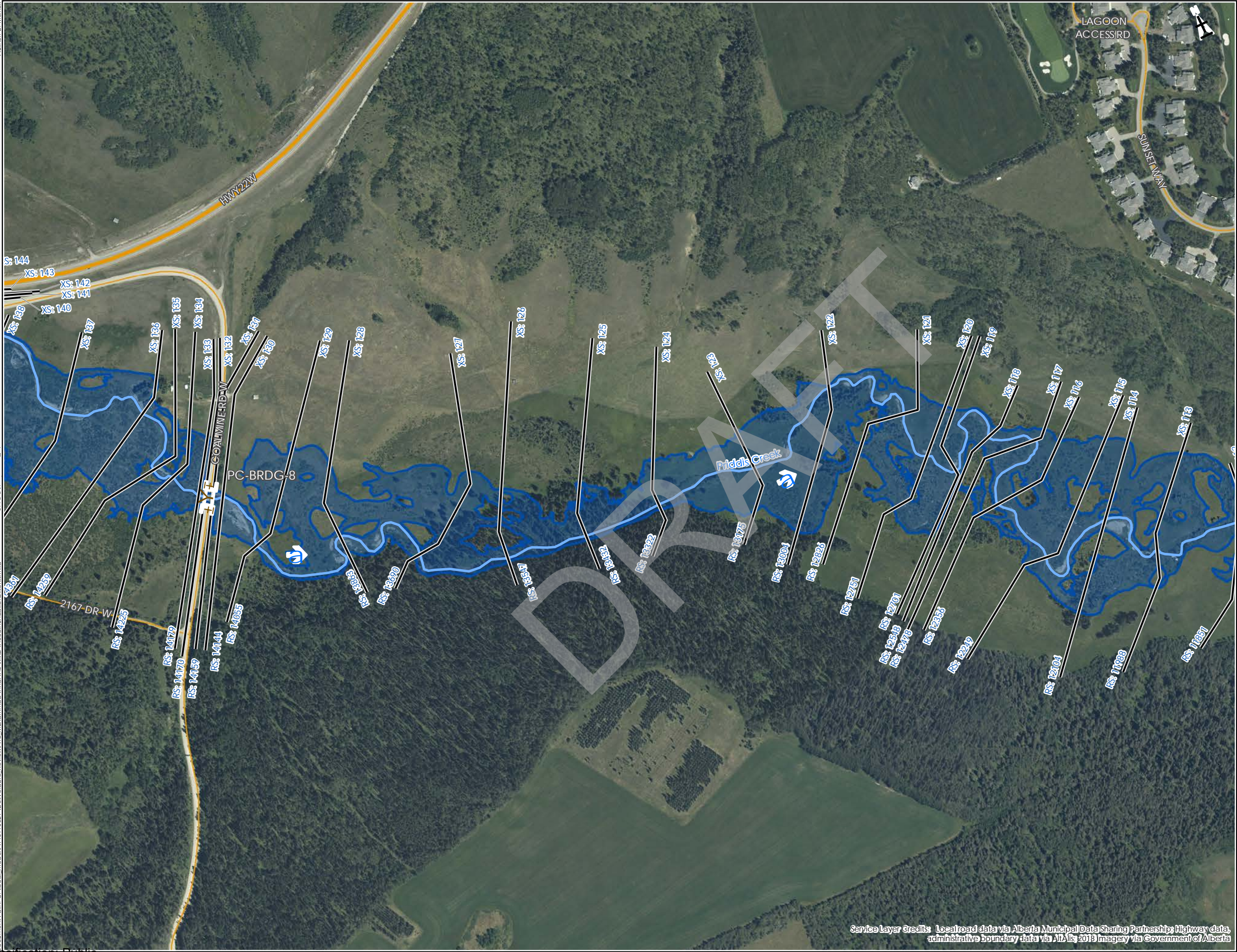
- Flood Inundation Extent - 10-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Major Road
- Local Road
- RS:123 River Station



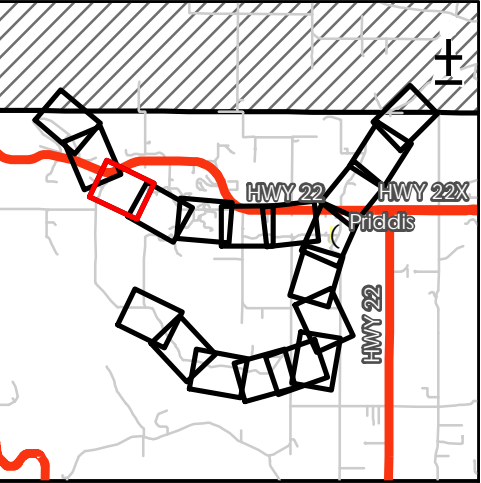
Priddis River Hazard Study		
10-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 2 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA's 2018 Imagery via Government of Alberta

Author: D. Merrick
Sheet: 2 ?
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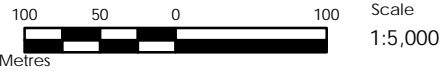


Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 10-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Major Road
- Local Road
- RS:123 River Station

Discharge
Priddis Creek: 38 m³/s

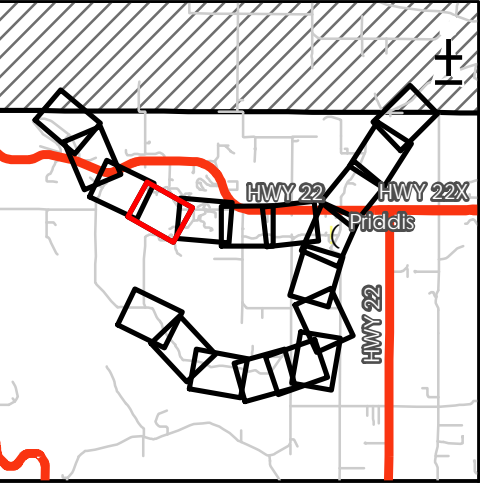
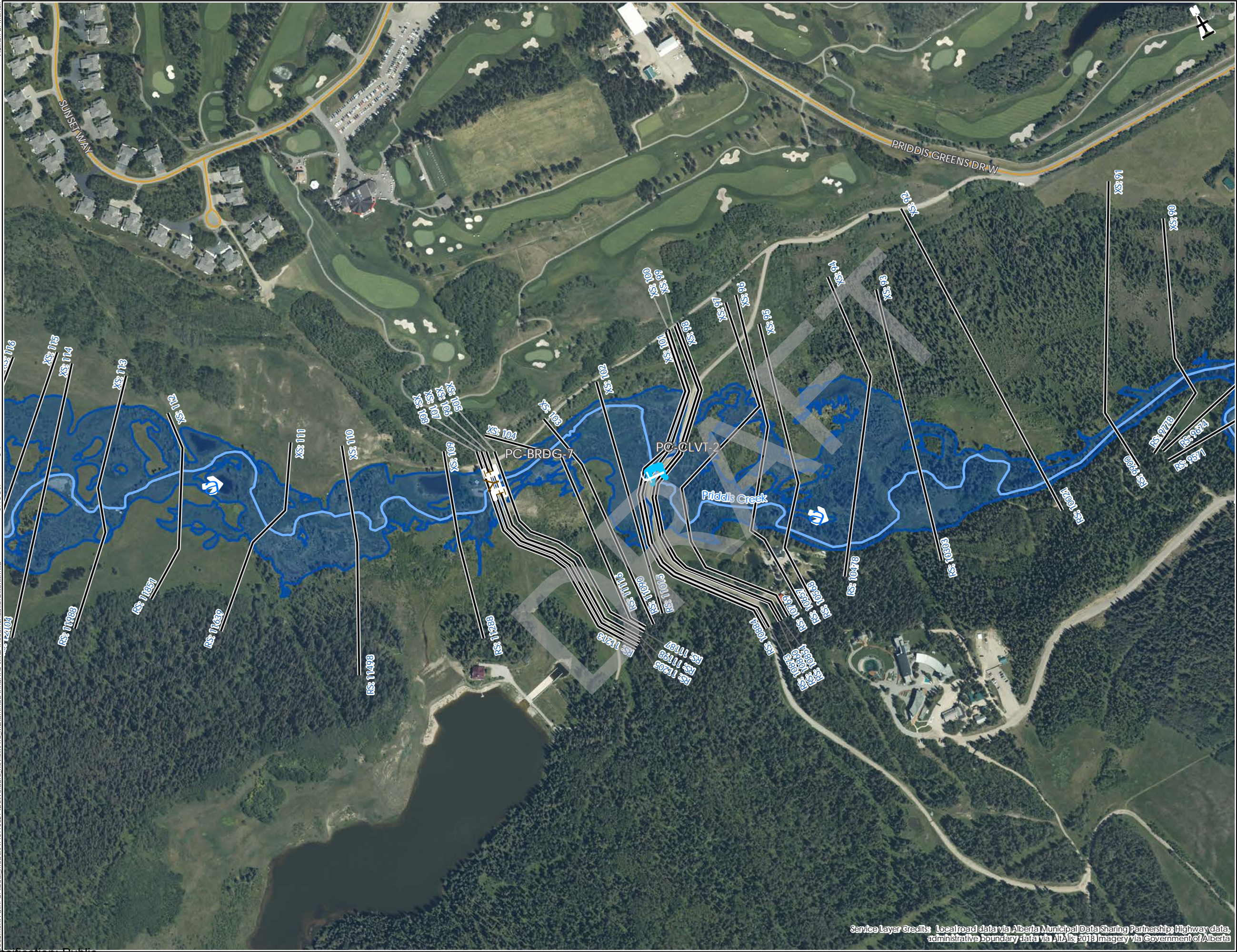


Priddis River Hazard Study

10-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 3 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Author: D. Merrick
Sheet: 3 ?
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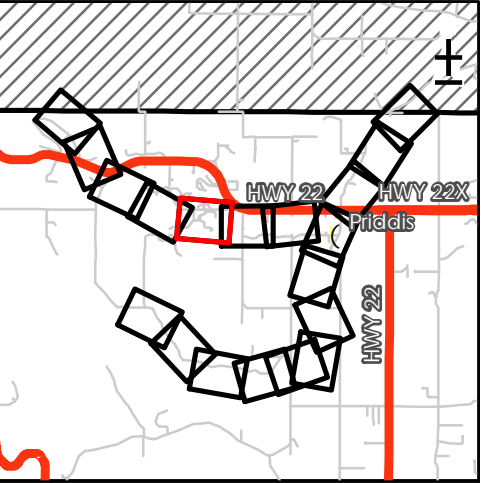
- Flood Inundation Extent - 10-year
- Flow Direction
- Bridge
- Culvert
- Cross Sections
- Creek
- Local Road
- RS: 123 River Station

Discharge
Priddis Creek: 38 m³/s

100 50 0 100 Scale
Metres 1:5,000

Priddis River Hazard Study		
10-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 4 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIdalis 2019 Imagery via Government of Alberta



Flood Inundation Extent - 10-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123 River Station

Discharge
Priddis Creek: 38 m³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study

10-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
5 of 19

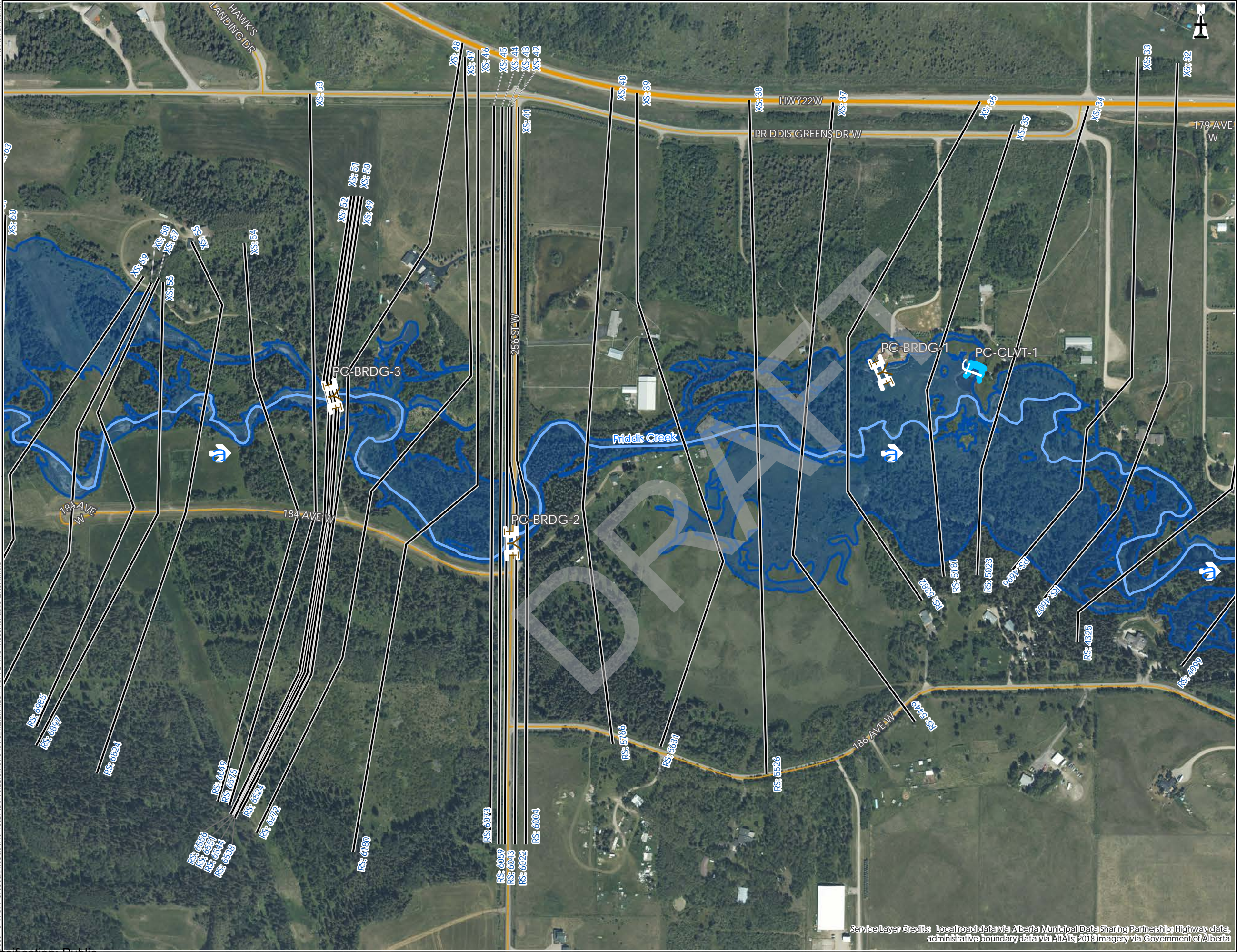
Project No.
110773627

REV.
A

Date:
20 October 2021

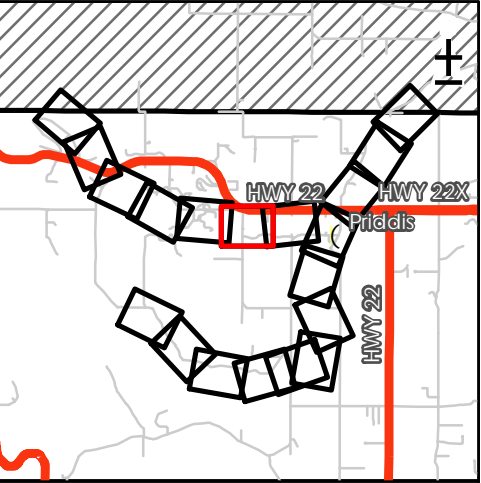
Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA's 2018 Imagery via Government of Alberta

Author: D. Merrick
Sheet: 5 ?
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Classification: Public

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 10-year

Flow Direction

Bridge

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123

 River Station

Discharge
Priddis Creek: 38 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

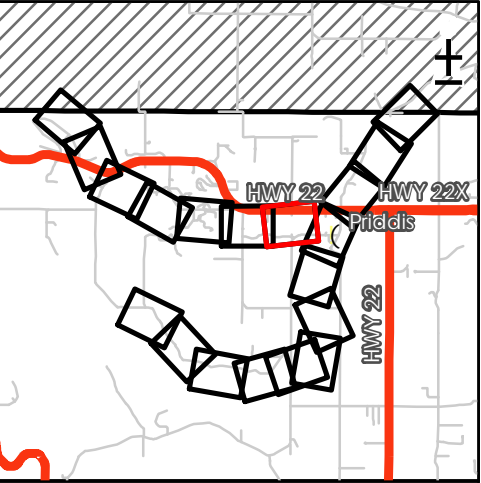
10-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 6 of 19
Project No. 110773627	REV. A	Date: 20 October 2021

Author: D. Merrick
Sheet: 6 ?
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Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 10-year

Flow Direction

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123 River Station

Discharge
Priddis Creek: 38 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

10-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
7 of 19

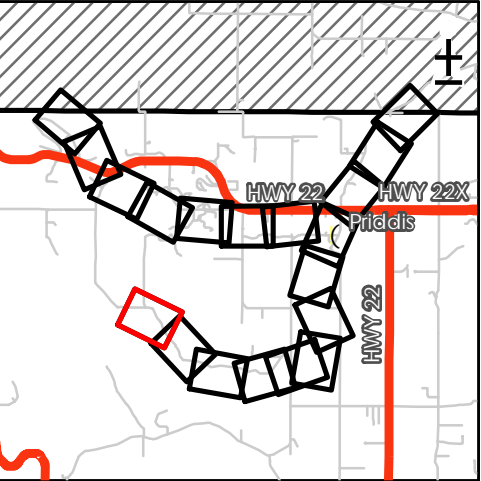
Project No.
110773627

REV.
A

Date:
20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIT/Alis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 10-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 51 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

10-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
8 of 19

Project No.
110773627

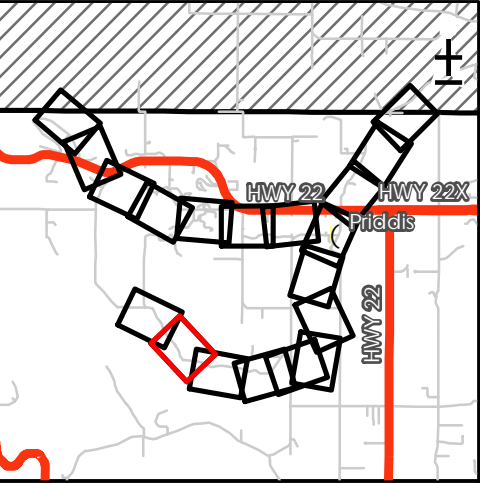
REV.
A

Date:
20 October 2021

Classification: Public



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIT/Is 2018 Imagery via Government of Alberta



Flood Inundation Extent - 10-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123

River Station

Discharge

Fish Creek: 51 m³/s

100

50

0

100

Metres

Scale

1:5,000

Priddis River Hazard Study

10-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114

Sheet: 9 of 19

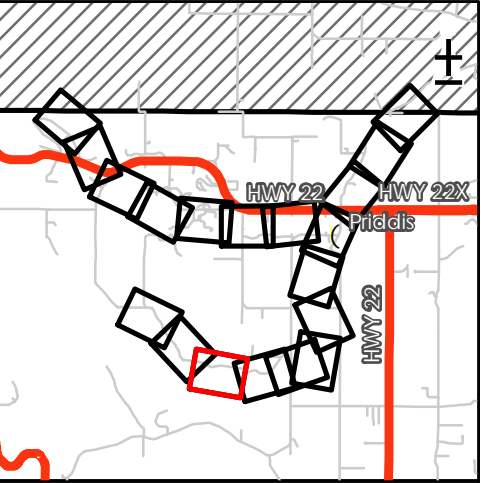
Project No. 110773627

REV. A

Date: 20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIda; 2019 Imagery via Government of Alberta



Flood Inundation Extent - 10-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 51 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

10-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
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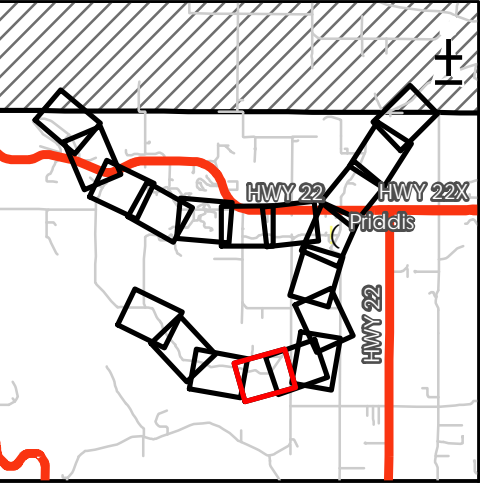
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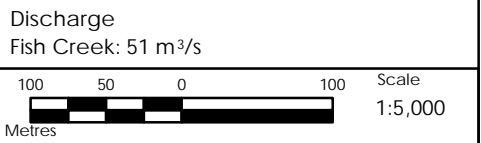
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REV.
A

Date:
20 October 2021

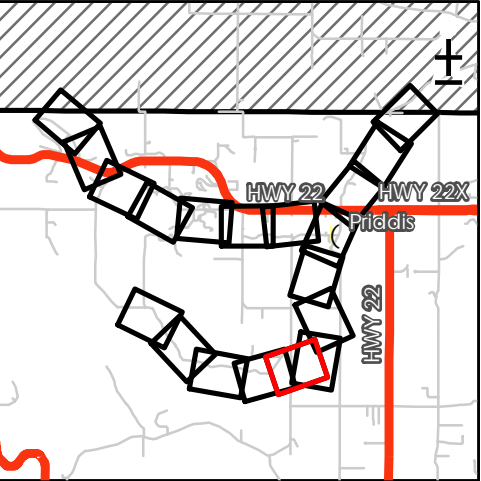


- Flood Inundation Extent - 10-year
- Flow Direction
- Bridge
- Culvert
- Cross Sections
- Creek
- Local Road
- RS: 123 River Station



Priddis River Hazard Study		
10-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 11 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 10-year

Flow Direction

Culvert

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 51 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

10-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114

Sheet: 12 of 19

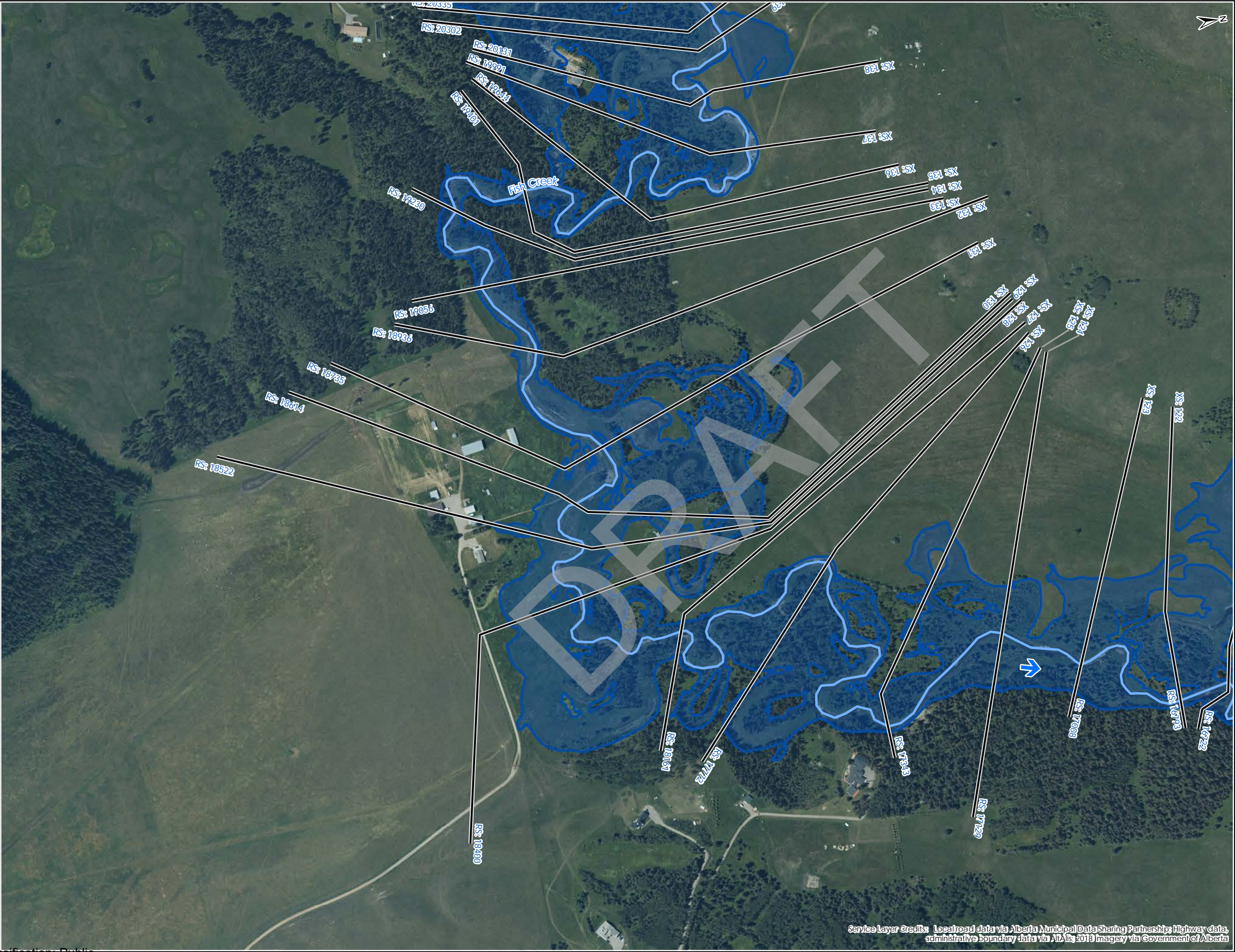
Project No. 110773627

REV. A

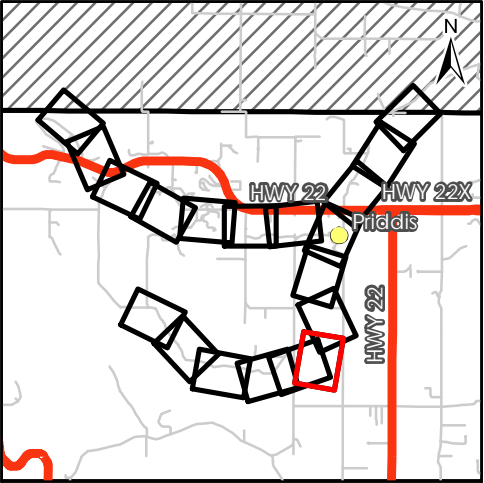
Date: 20 October 2021

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Classification: Public



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIT/Alis 2018 Imagery via Government of Alberta



Alberta
Government

Stantec

Flood Inundation Extent - 10-year

Flow Direction

Culvert

Cross Sections

Creek

Local Road

RS: 123 River Station

Discharge
Fish Creek: 51 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

10-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
13 of 19

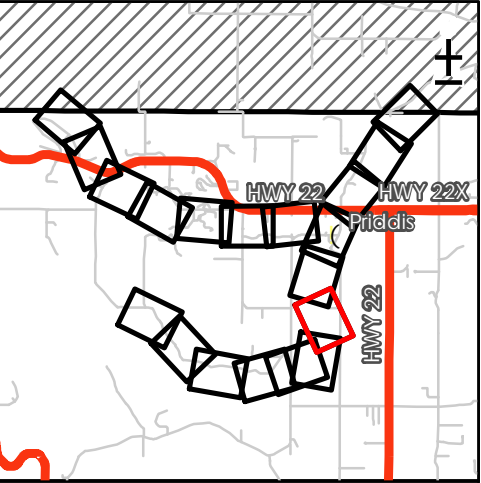
Project No.
110773627

REV.
A

Date:
20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 10-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 51 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

10-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

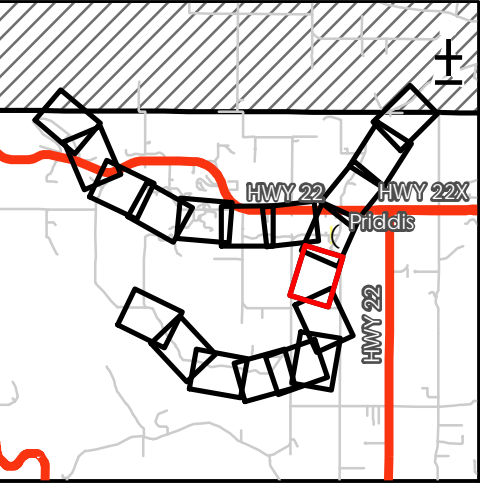
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Project No.
110773627

REV.
A

Date:
20 October 2021

Classification: Public



Flood Inundation Extent - 10-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS: 123 River Station

Discharge
Fish Creek: 51 m³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study

10-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
15 of 19

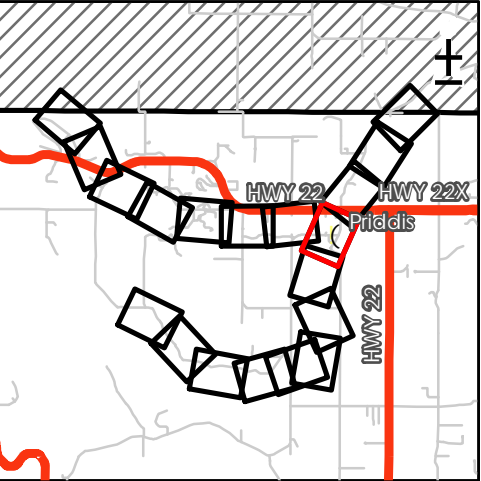
Project No.
110773627

REV.
A

Date:
20 October 2021

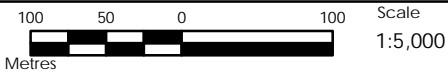
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Classification: Public



- Flood Inundation Extent - 10-year
- Flow Direction
- Bridge
- Culvert
- Cross Sections
- Creek
- Major Road
- Local Road
- RS: 123 River Station

Discharge
Fish Creek above cross section 56: 51 m³/s
Fish Creek below cross section 56: 89 m³/s
Priddis Creek: 38 m³/s



Priddis River Hazard Study

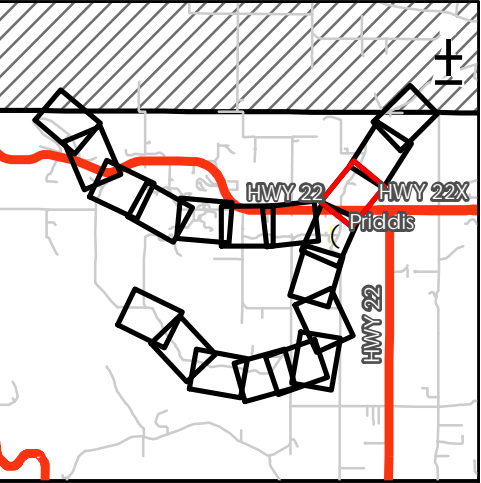
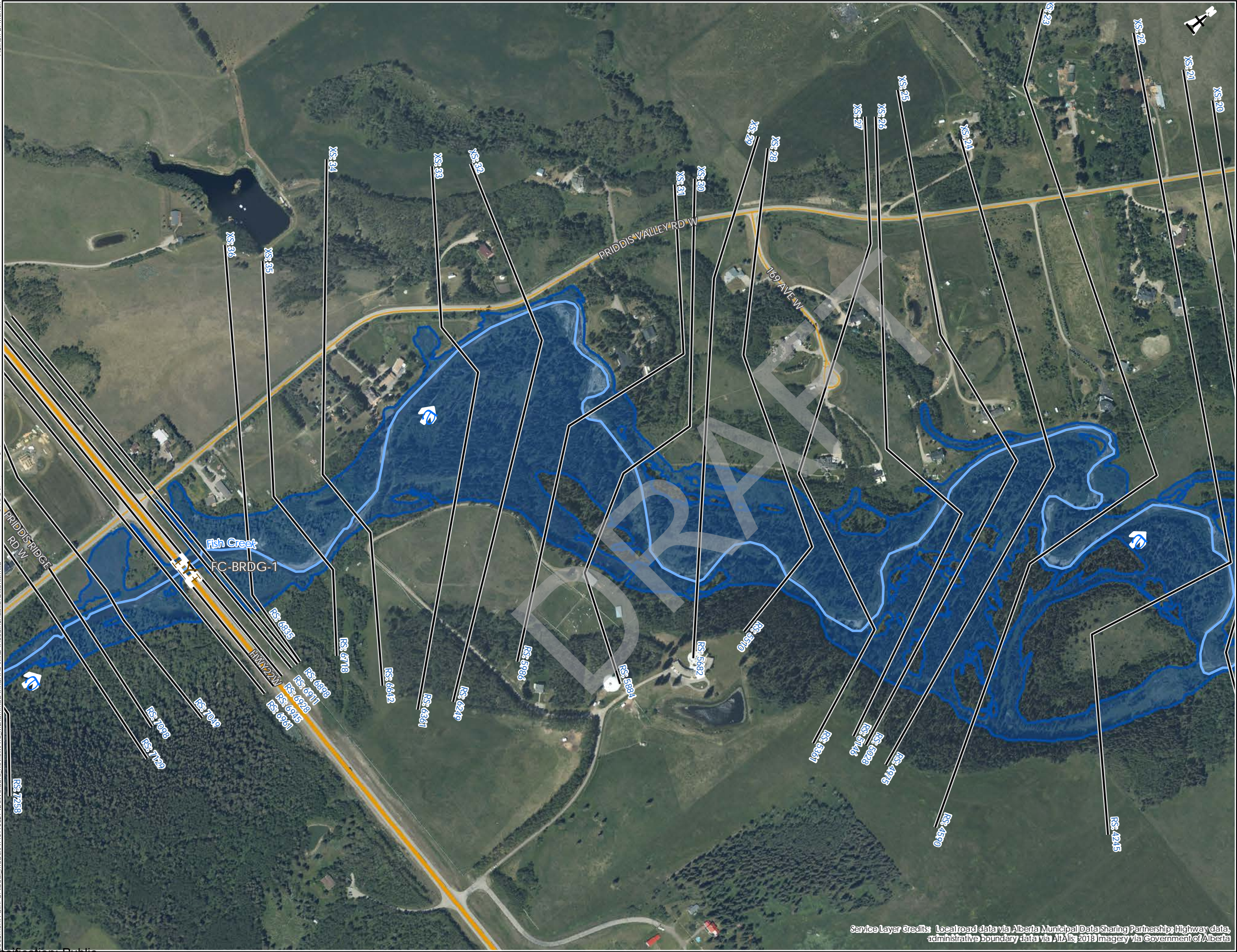
10-Year Flood Inundation Extent

GIS: MA QA/QC: JB Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114 Sheet: 16 of 19

Project No. 110773627 REV. A Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 10-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123 River Station

Discharge
Fish Creek: 89 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

10-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114

Sheet: 17 of 19

Project No. 110773627

REV. A

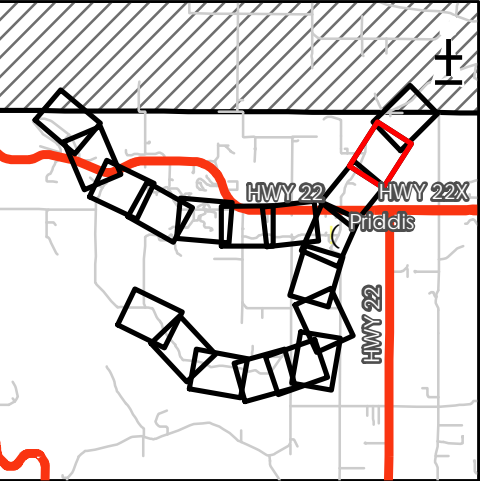
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Classification: Public



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via AIAIis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 10-year

Flow Direction

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge

Fish Creek: 89 m³/s

100

50

0

100

Metres

Scale

1:5,000

Priddis River Hazard Study

10-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

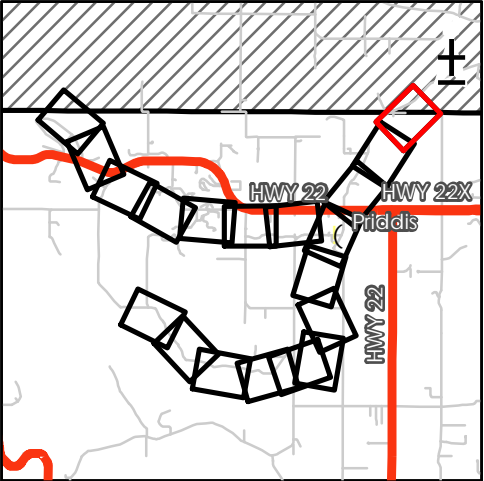
Spatial Ref: NAD 1983 CSRS 3TM 114

Sheet: 18 of 19

Project No. 110773627

REV. A

Date: 20 October 2021



Alberta
Government

Stantec

Flood Inundation Extent - 10-year

Flow Direction

Cross Sections

Creek

Local Road

Tsuut'ina Nation

RS:123 River Station

Discharge
Fish Creek: 89 m³/s

100500100

Metres

Scale
1:5,000

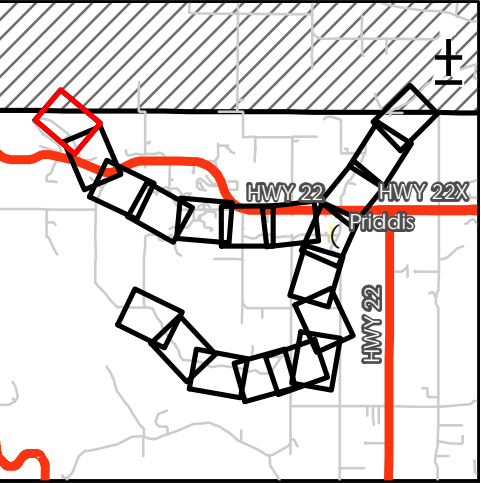
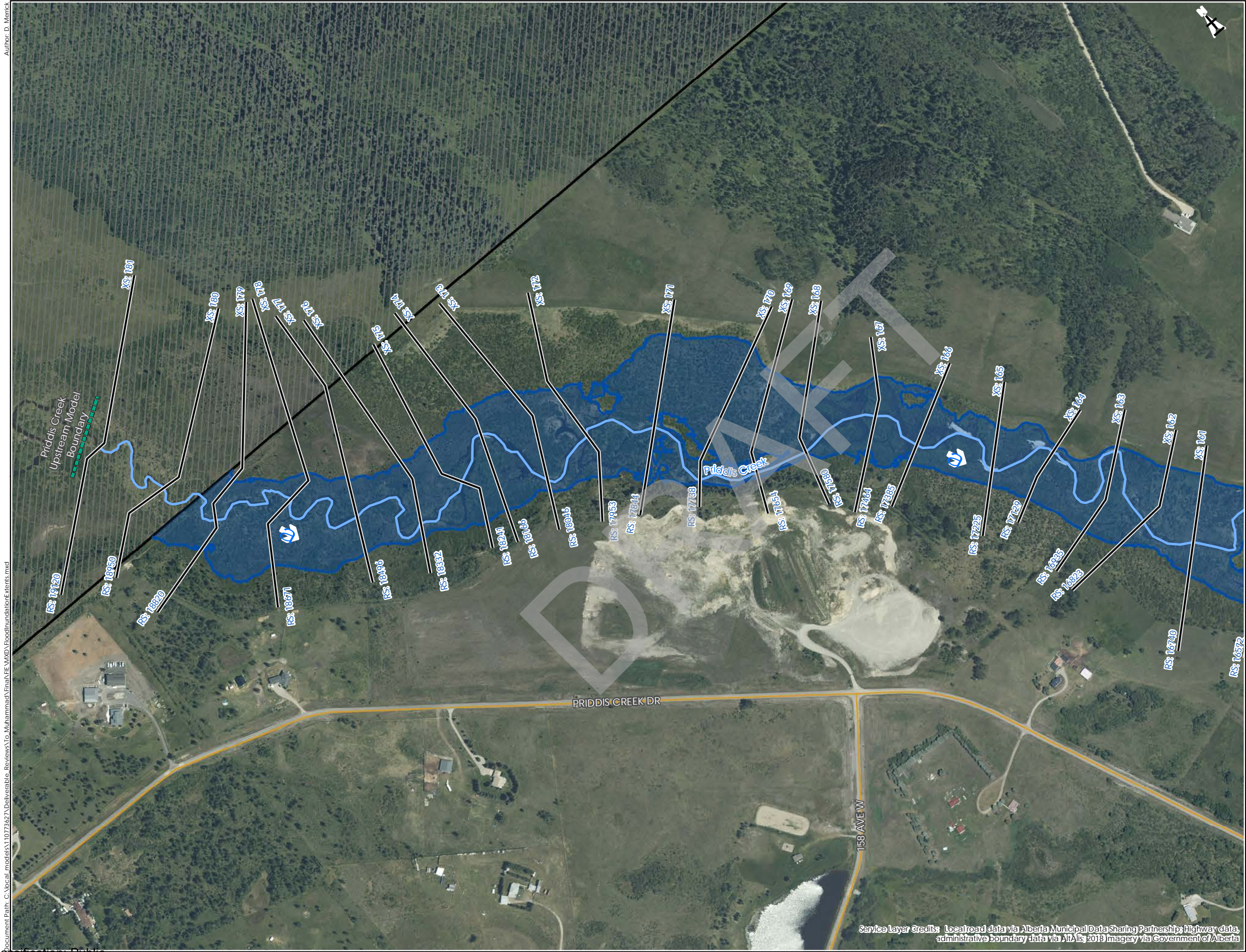
Priddis River Hazard Study

10-Year Flood Inundation Extent

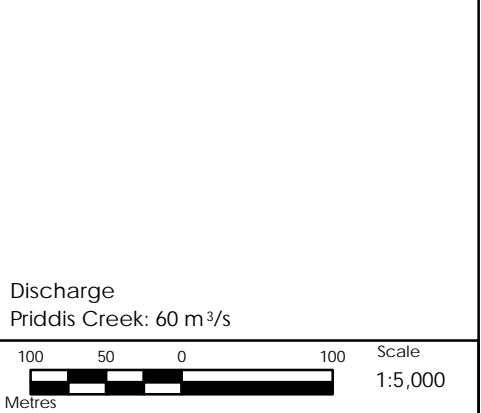
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Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 19 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

20-year Flood Inundation Extent (Sheets 1 to 19)

DRAFT

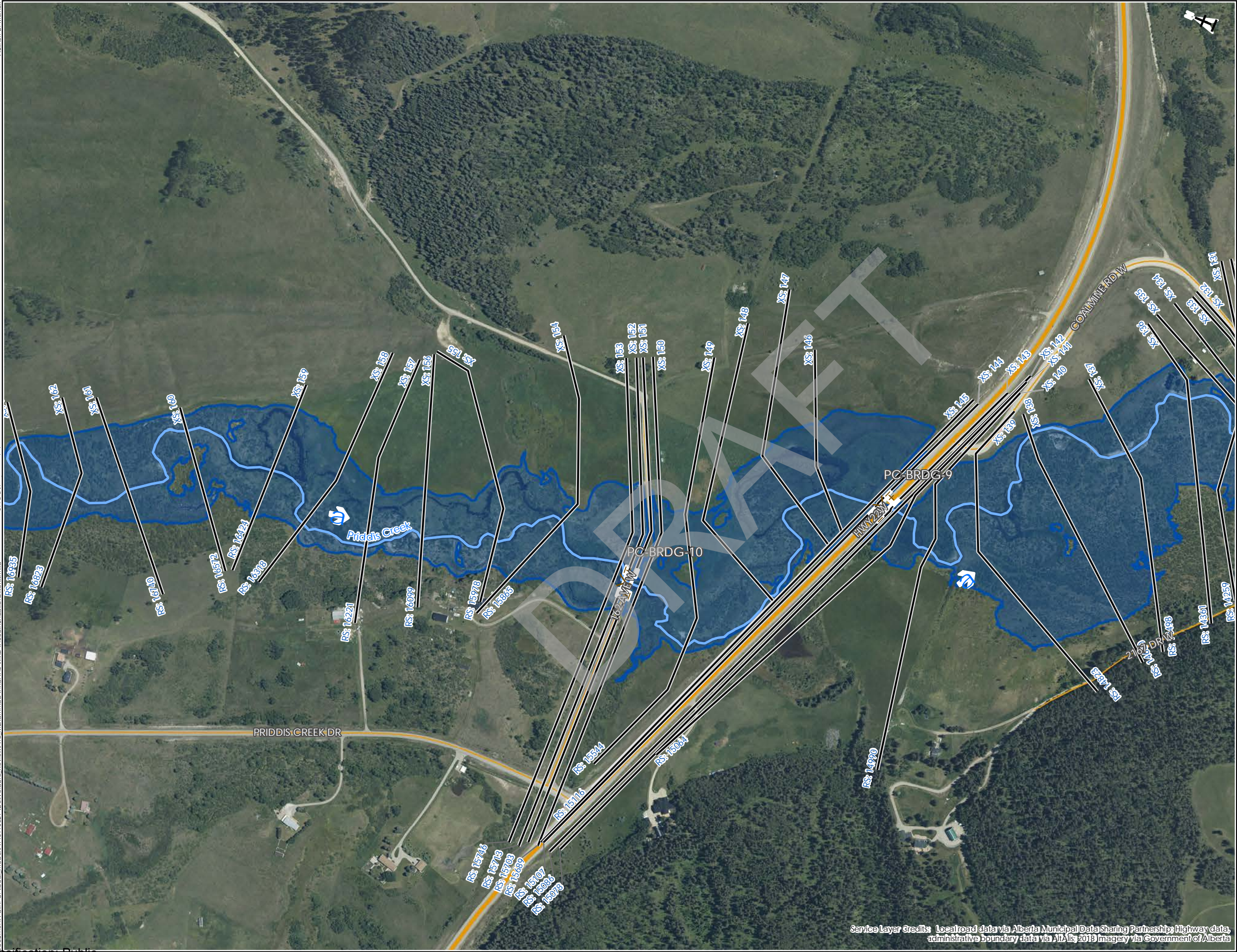


- Flood Inundation Extent - 20-year
- Flow Direction
- Cross Sections
- Creek
- Major Road
- Local Road
- Tsuut'ina Nation
- RS: 123 River Station



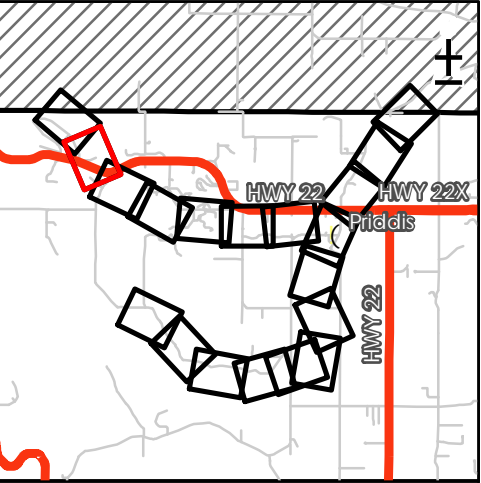
Priddis River Hazard Study		
20-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 1 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Author: D. Merrick
Sheet: 1 ?
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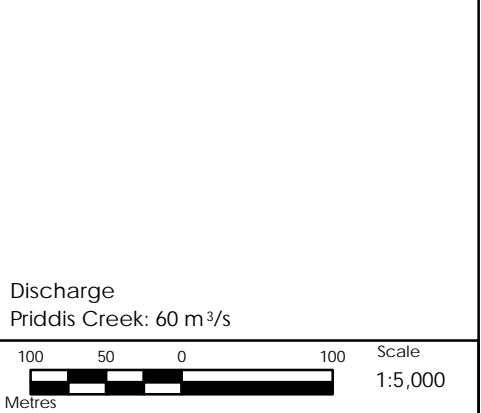


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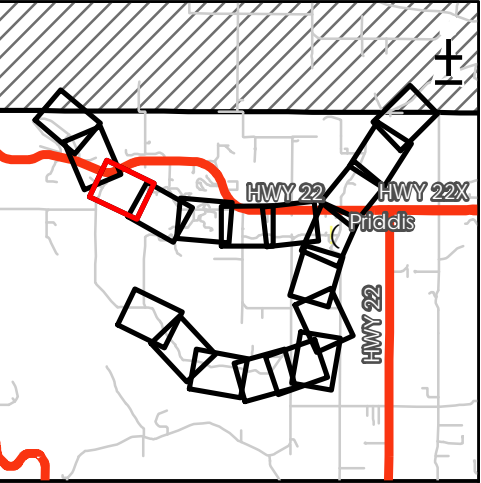
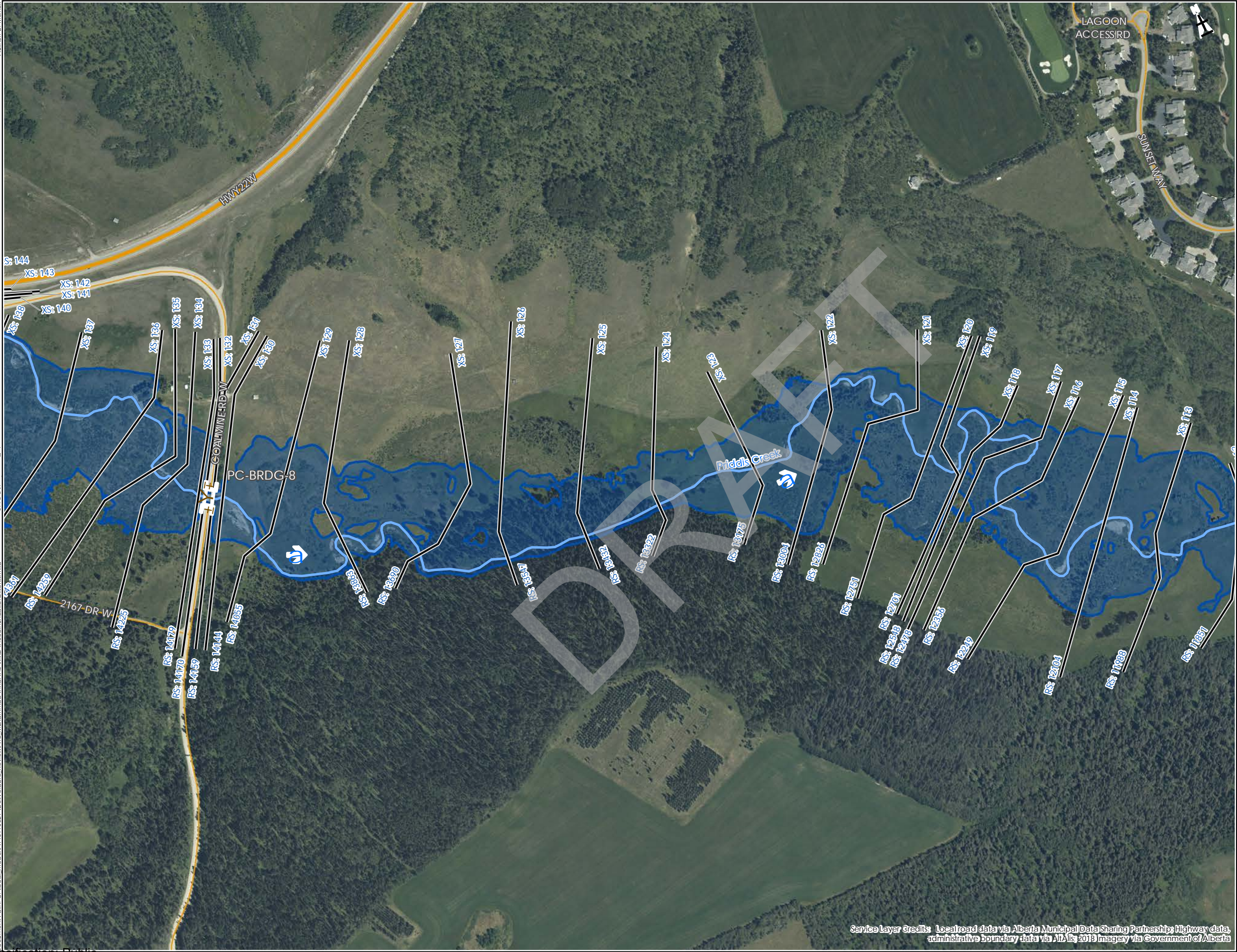
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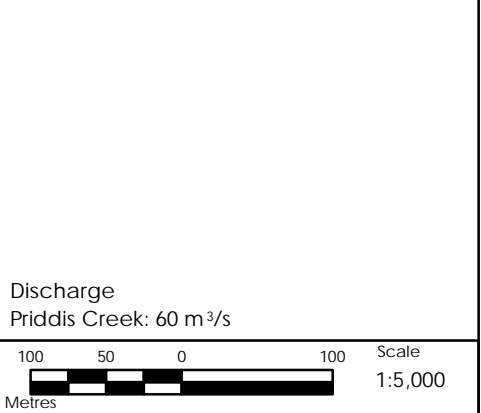
- Flood Inundation Extent - 20-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Major Road
- Local Road
- RS:123 River Station



Priddis River Hazard Study		
20-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 2 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

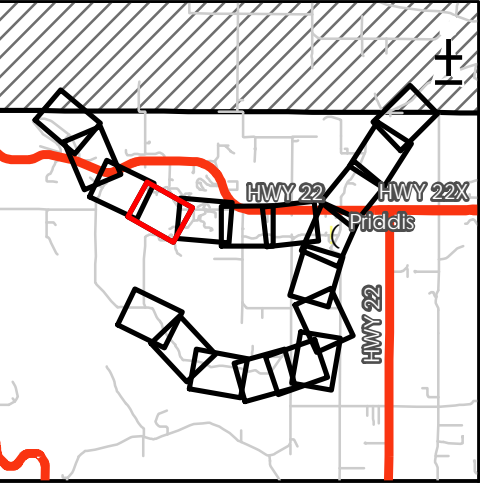
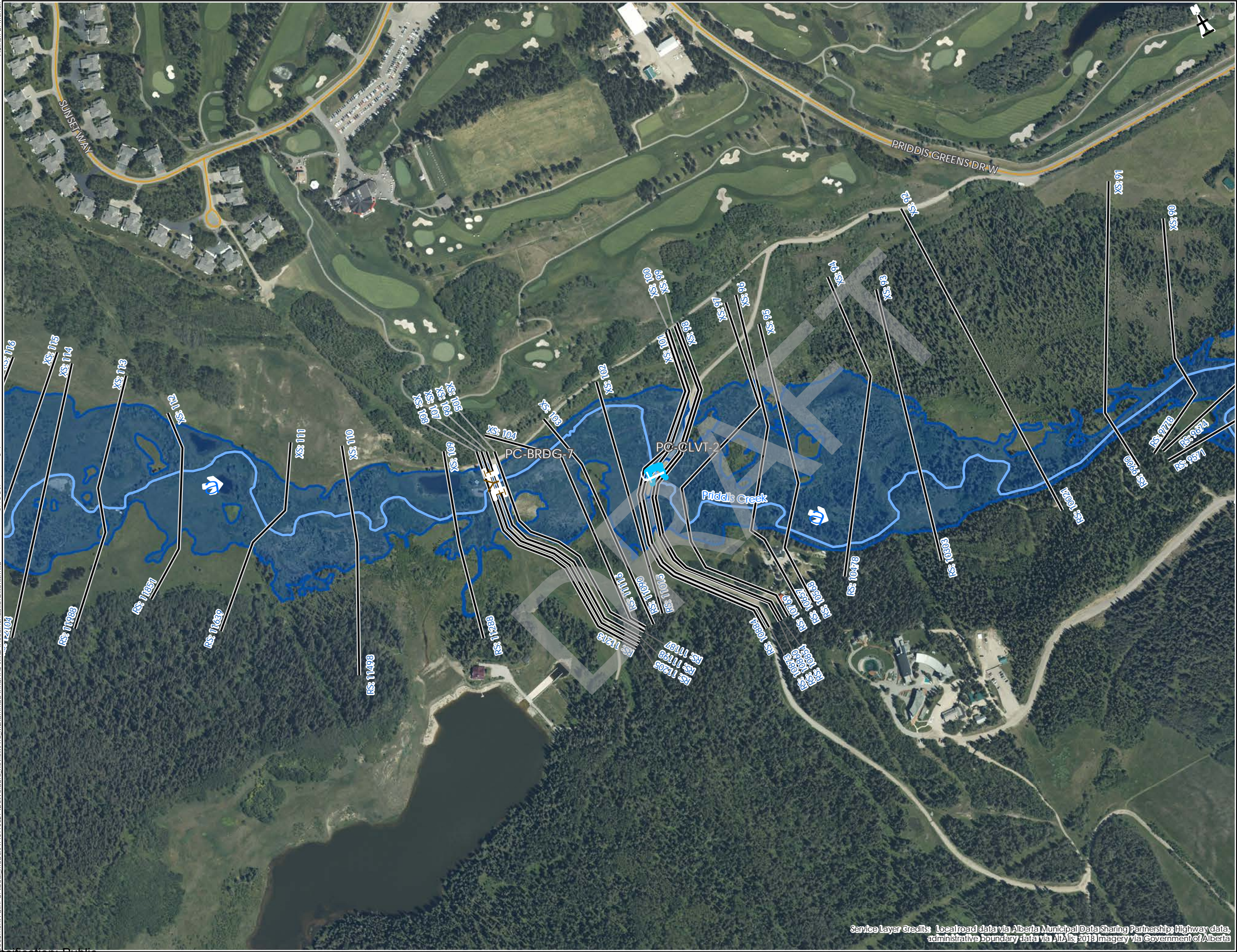


- Flood Inundation Extent - 20-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Major Road
- Local Road
- RS: 123 River Station



Priddis River Hazard Study		
20-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 3 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA's 2018 Imagery via Government of Alberta



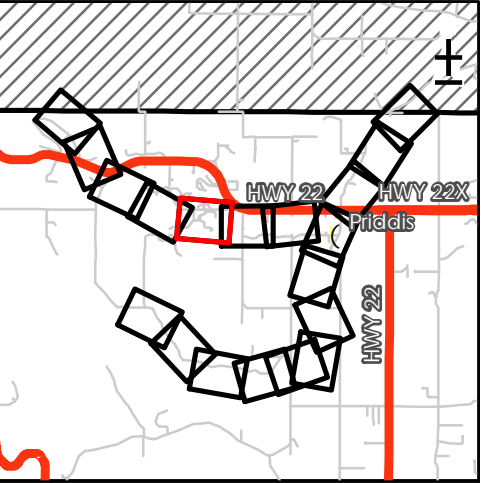
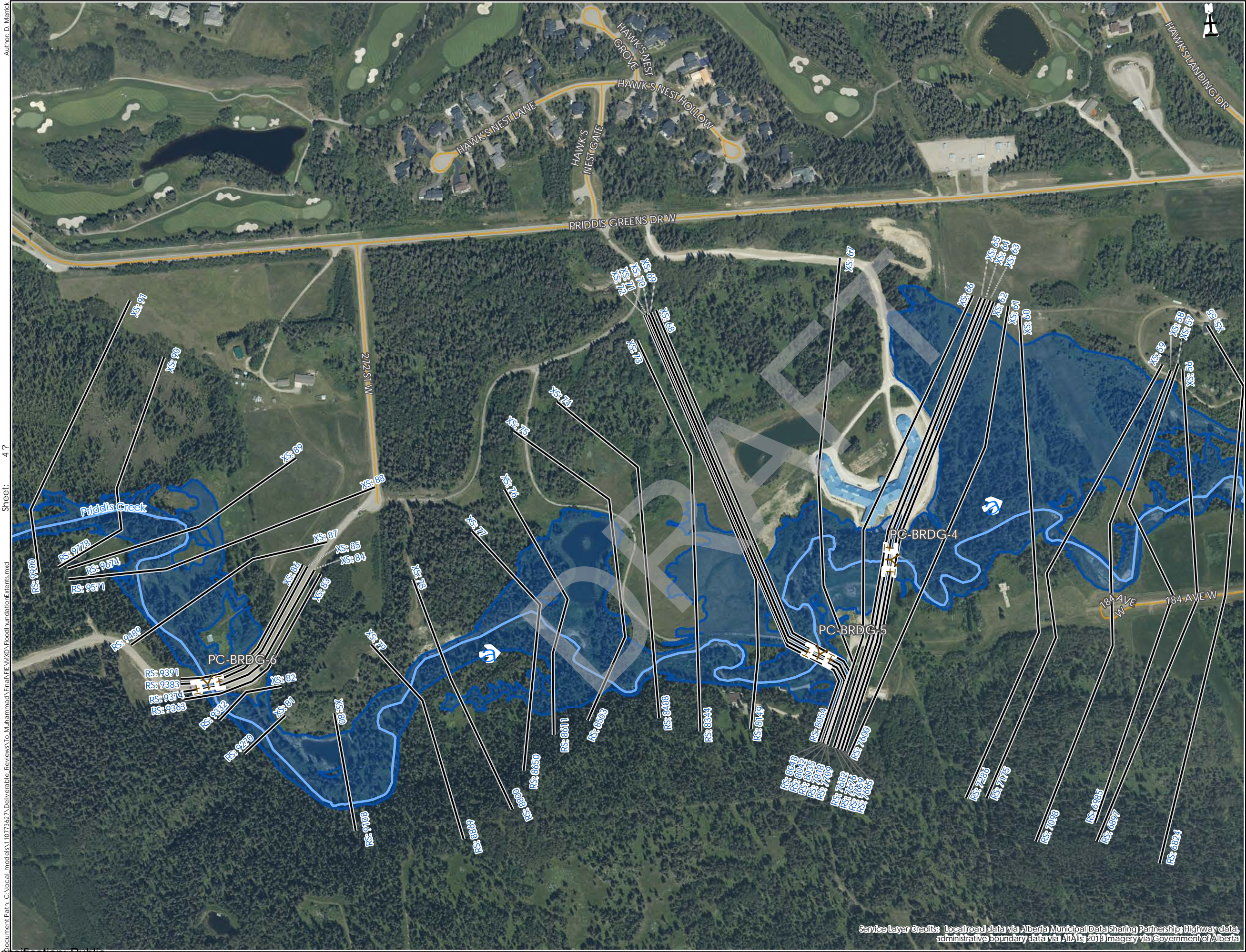
- Flood Inundation Extent - 20-year
- Flow Direction
- Bridge
- Culvert
- Cross Sections
- Creek
- Local Road
- RS: 123 River Station

Discharge
Priddis Creek: 60 m³/s

100 50 0 100 Scale
Metres 1:5,000

Priddis River Hazard Study		
20-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 4 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIdalis 2019 Imagery via Government of Alberta



Flood Inundation Extent - 20-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123

River Station

Discharge
Priddis Creek: 60 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

20-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
5 of 19

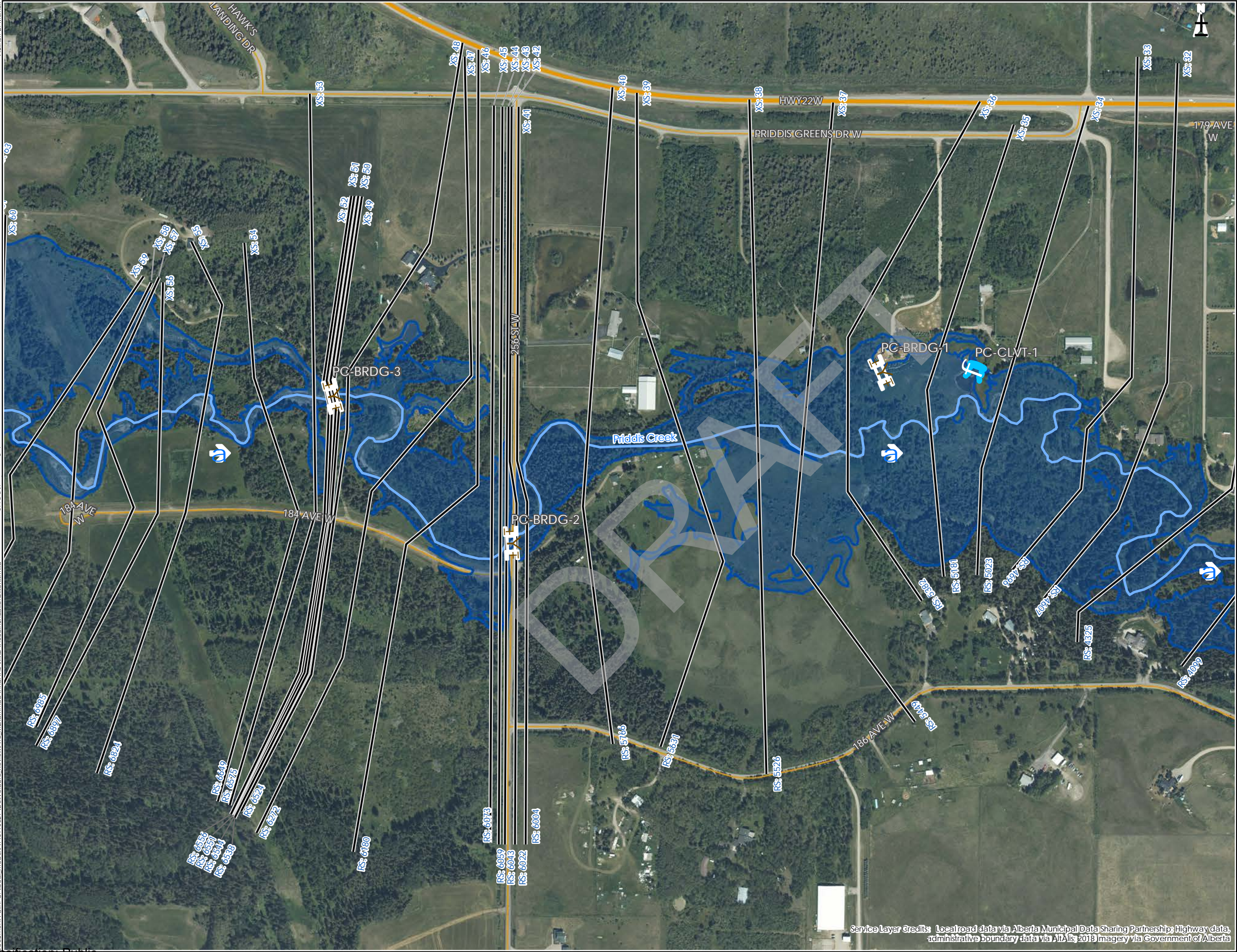
Project No.
110773627

REV.
A

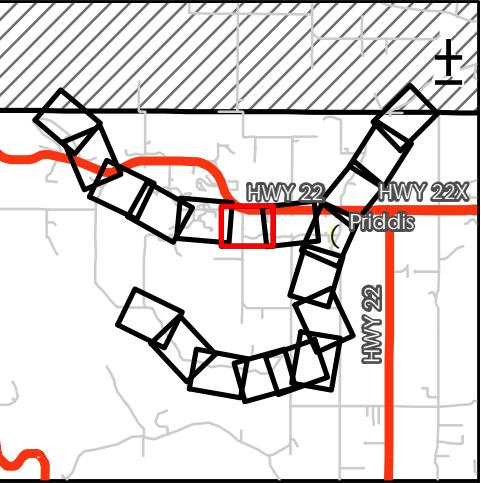
Date:
20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA; 2018 Imagery via Government of Alberta

Author: D. Merrick
Sheet: 5 ?
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Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 20-year

Flow Direction

Bridge

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123

 River Station

Discharge
Priddis Creek: 60 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

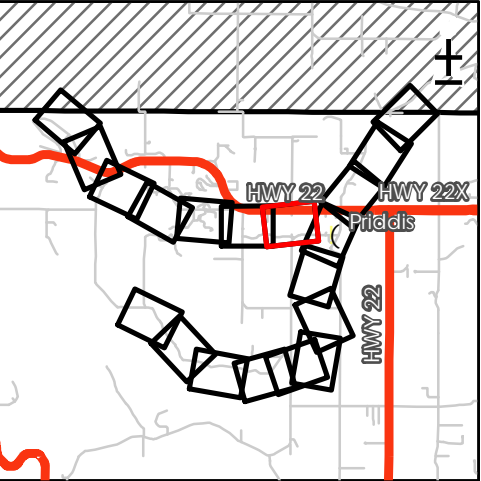
20-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 6 of 19
Project No. 110773627	REV. A	Date: 20 October 2021

Author: D. Merrick
Sheet: 6 ?
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Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 20-year

Flow Direction

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123 River Station

Discharge
Priddis Creek: 60 m³/s

100

50

0

100

Metres

Scale
1:5,000

Priddis River Hazard Study

20-Year Flood Inundation Extent

GIS:
MA

OA/OC:
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Spatial Ref:
NAD 1983 CSRS 3TM 114

Project No.
110773627

Approved:
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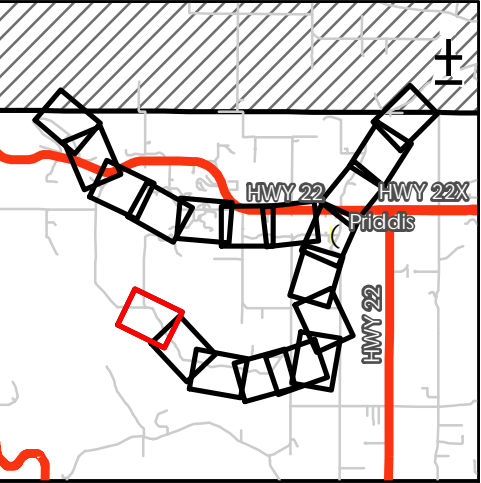
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7 of 19

REV.
A

Date:
20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via AIT/Alis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 20-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

River Station

Discharge

Fish Creek: 79 m³/s

100

50

0

100

Metres

Scale

1:5,000

Priddis River Hazard Study

20-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114

Sheet: 8 of 19

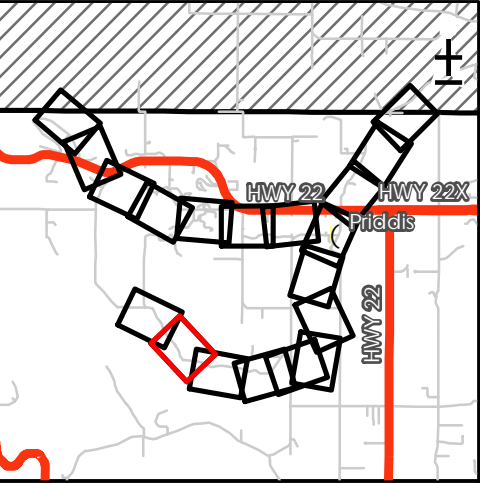
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REV. A

Date: 20 October 2021



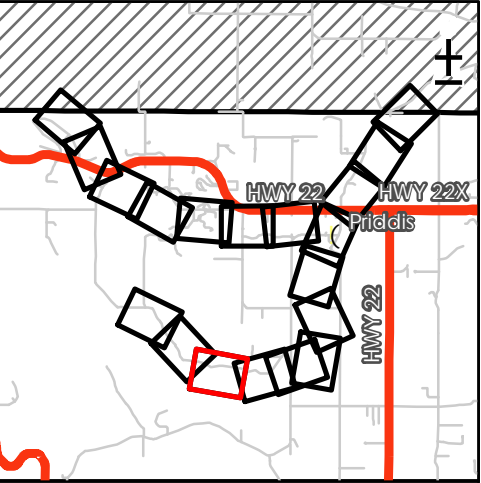
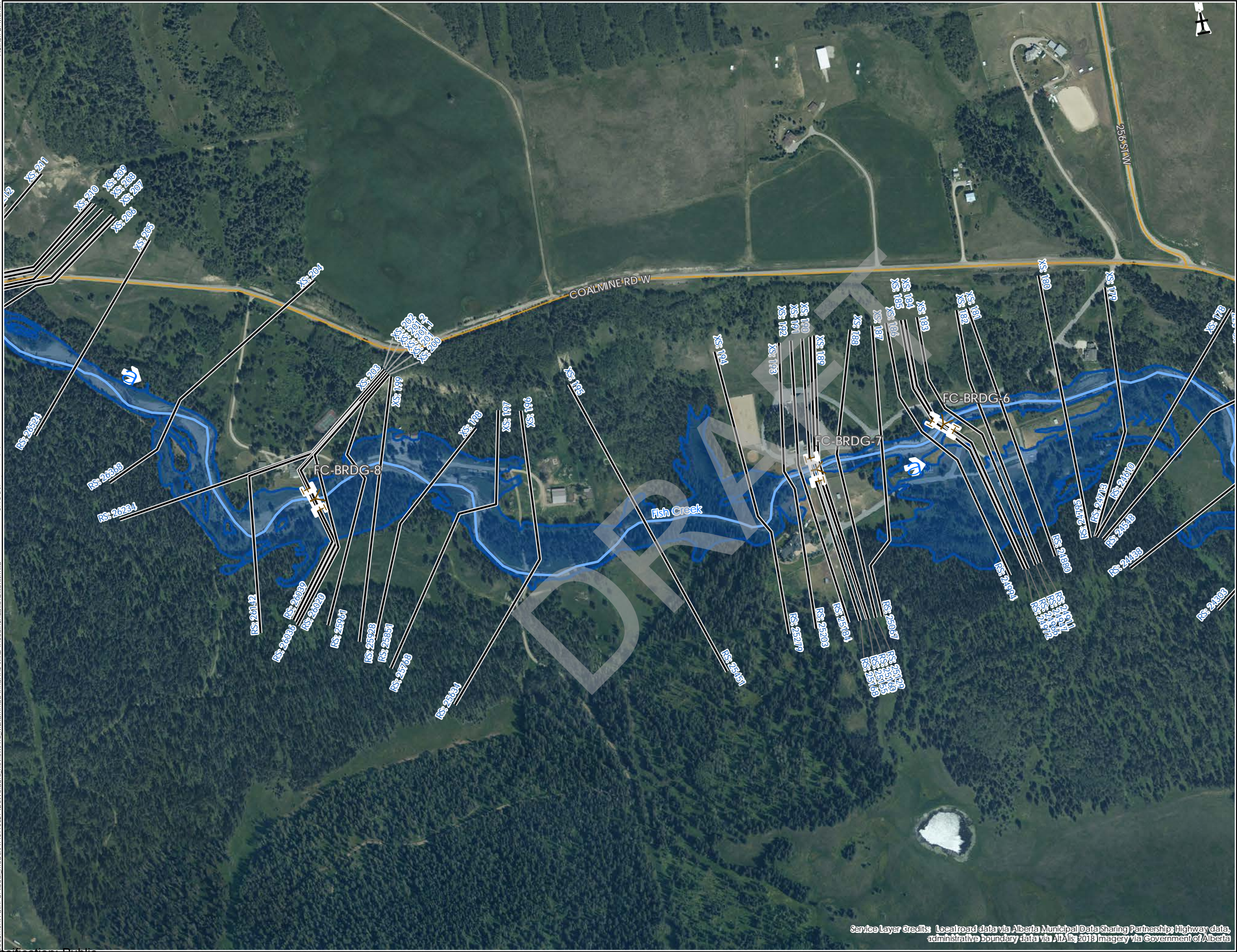
Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIT/Is 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 20-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS:123 River Station



Priddis River Hazard Study		
20-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 9 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Flood Inundation Extent - 20-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 79 m³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study

20-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
10 of 19

Project No.
110773627

REV.
A

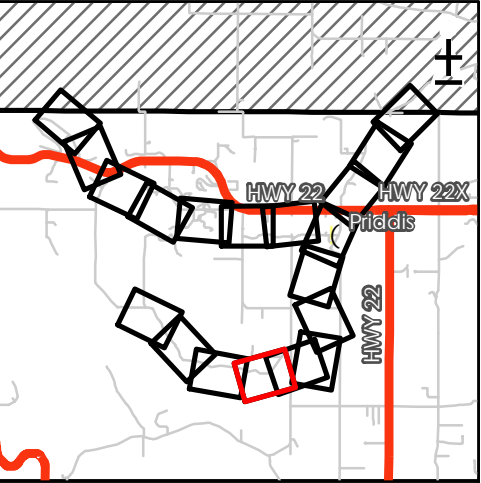
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Classification: Public

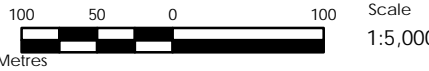


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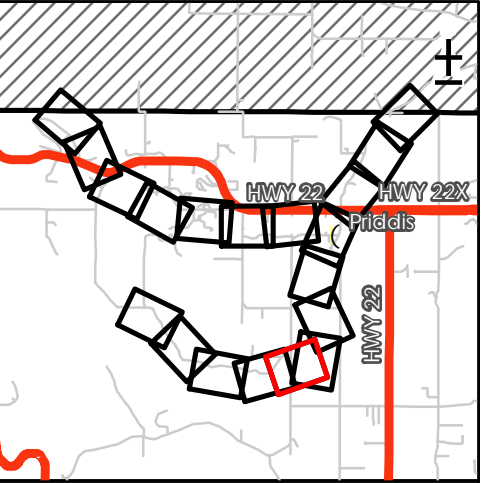
- Flood Inundation Extent - 20-year
- Flow Direction
- Bridge
- Culvert
- Cross Sections
- Creek
- Local Road
- RS: 123 River Station

Discharge
Fish Creek: 79 m³/s

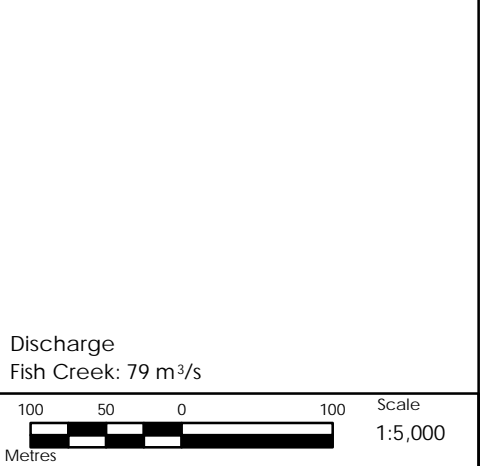


Priddis River Hazard Study
20-Year Flood Inundation Extent

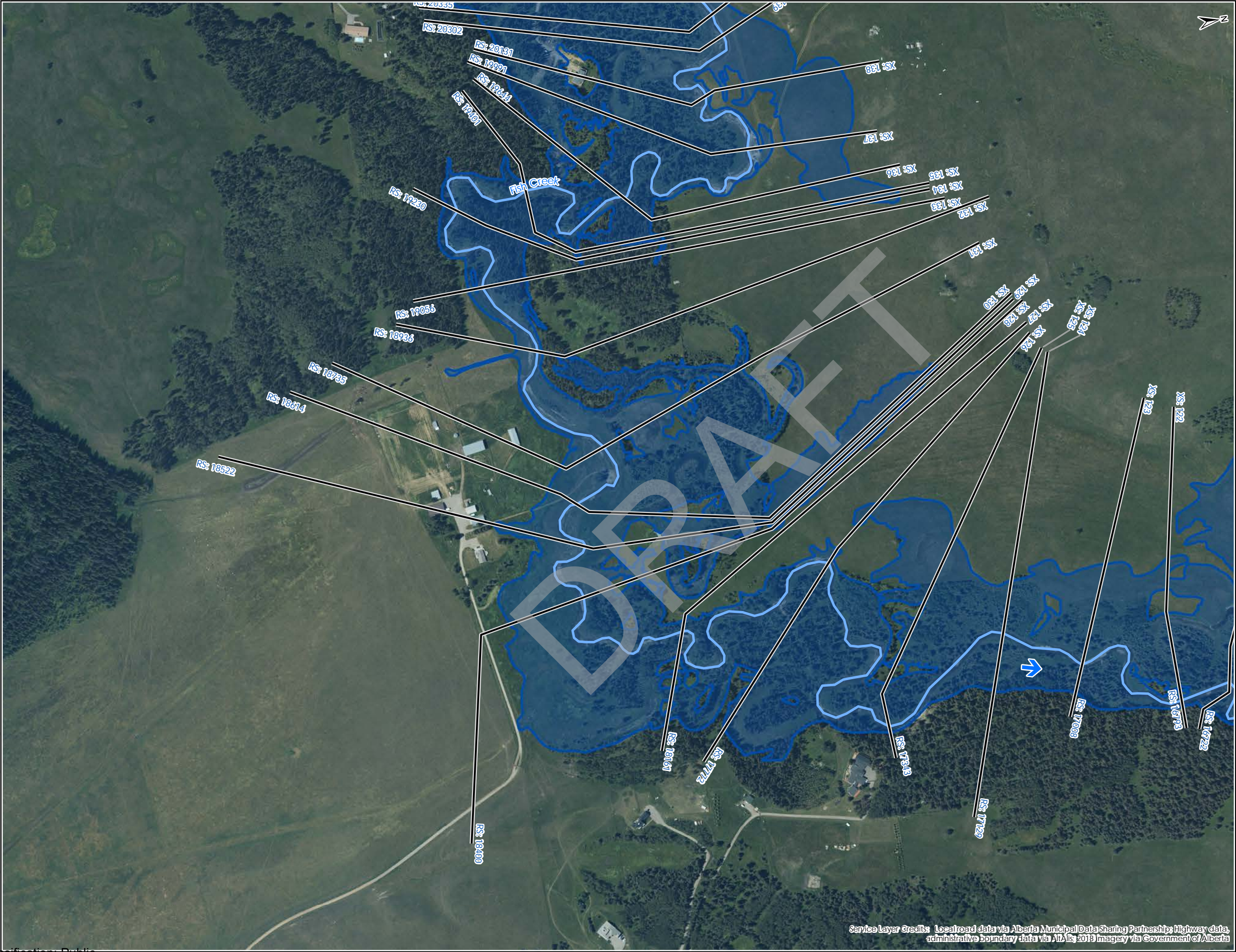
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Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 11 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



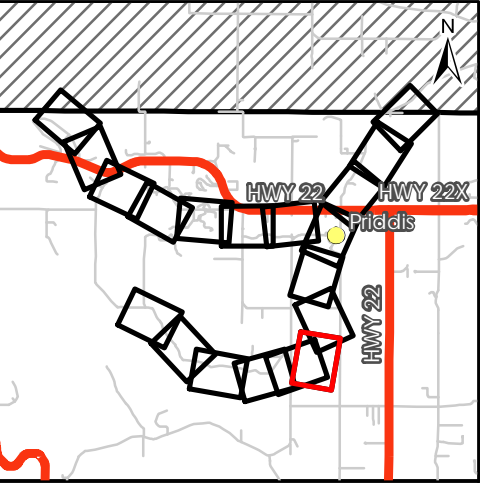
- Flood Inundation Extent - 20-year
- Flow Direction
- Culvert
- Cross Sections
- Creek
- Local Road
- RS:123 River Station



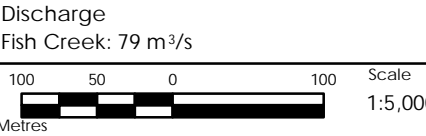
Priddis River Hazard Study		
20-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 12 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIT/Alis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 20-year
- Flow Direction
- Culvert
- Cross Sections
- Creek
- Local Road
- RS: 123 River Station



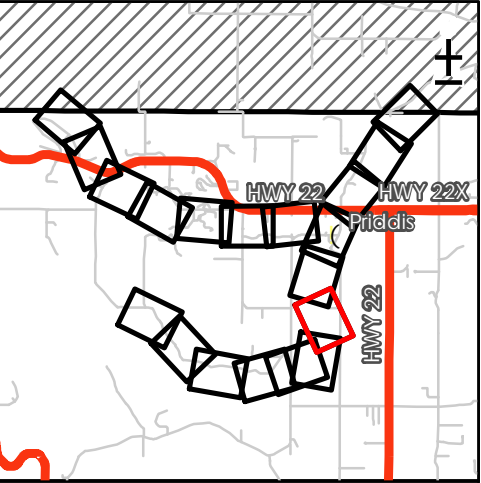
Priddis River Hazard Study

20-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 13 of 19
Project No. 110773627	REV. A	Date: 20 October 2021

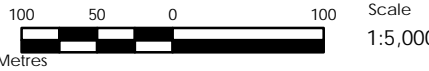


Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 20-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS:123 River Station

Discharge
Fish Creek: 79 m³/s

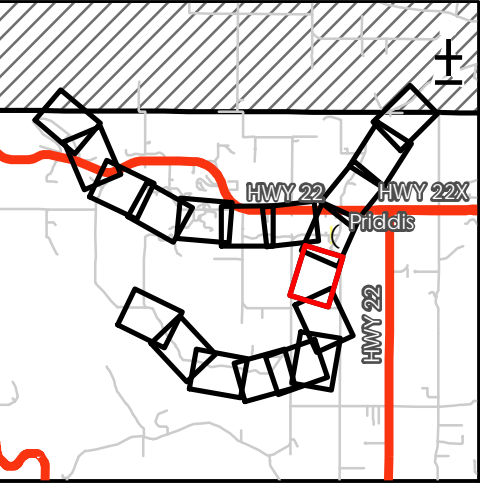


Priddis River Hazard Study
20-Year Flood Inundation Extent

GIS: MA QA/QC: JB Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114 Sheet: 14 of 19

Project No: 110773627 REV: A Date: 20 October 2021



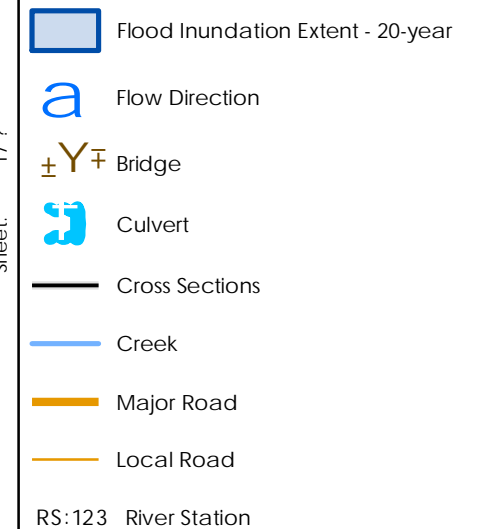
- Flood Inundation Extent - 20-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS: 123 River Station

Discharge
Fish Creek: 79 m³/s

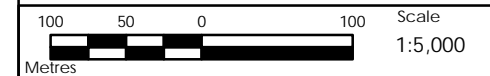
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Metres 1:5,000

Priddis River Hazard Study		
20-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 15 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta

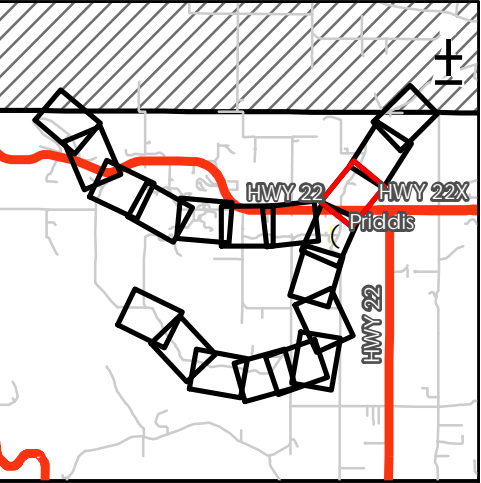
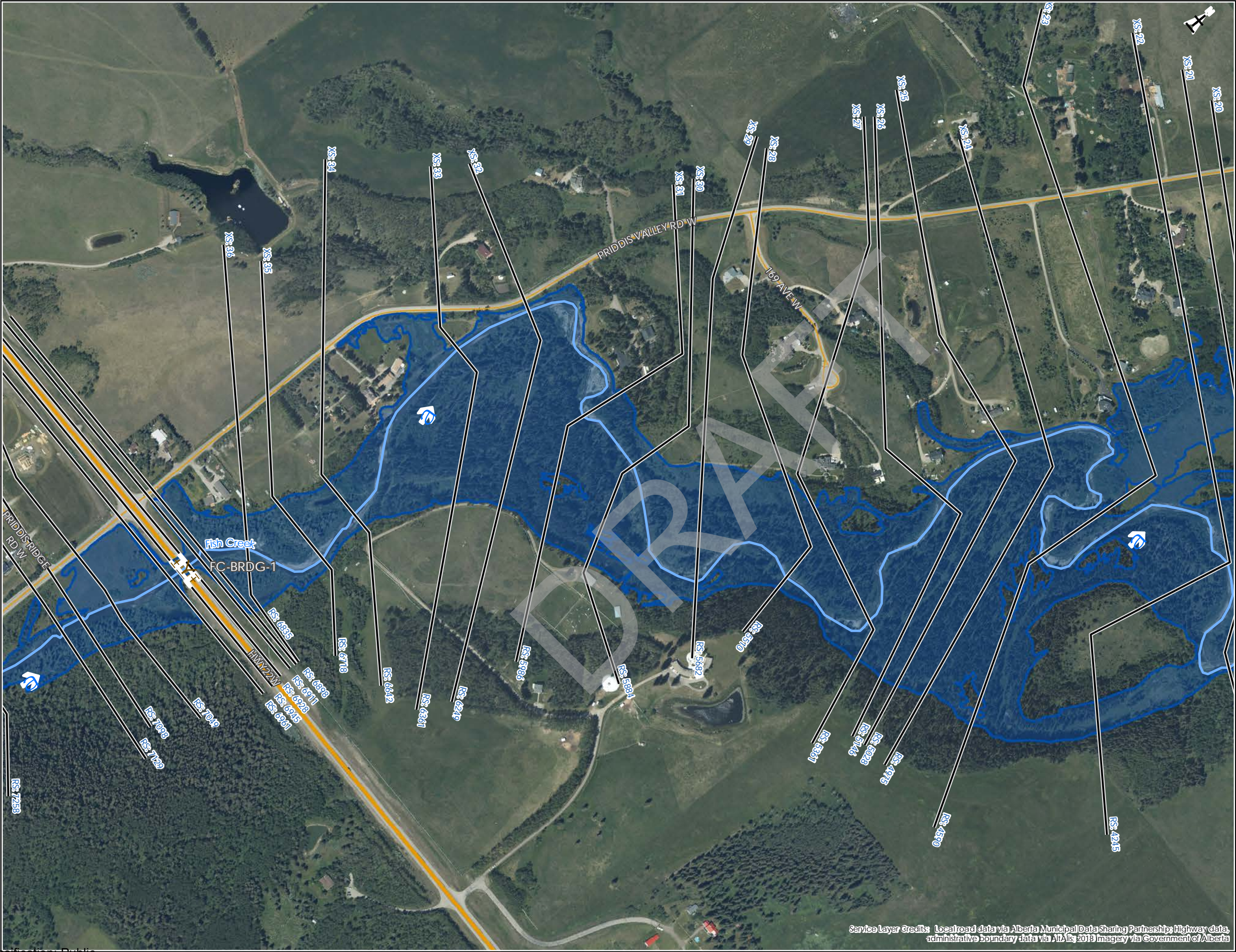


Discharge
Fish Creek above cross section 56: 79 m³/s
Fish Creek below cross section 56: 139 m³/s
Priddis Creek: 60 m³/s



Priddis River Hazard Study 20-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 16 of 19
Project No. 110773627	REV. A	Date: 20 October 2021



Flood Inundation Extent - 20-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123 River Station

Discharge
Fish Creek: 139 m³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study

20-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114

Sheet: 17 of 19

Project No: 110773627

REV: A

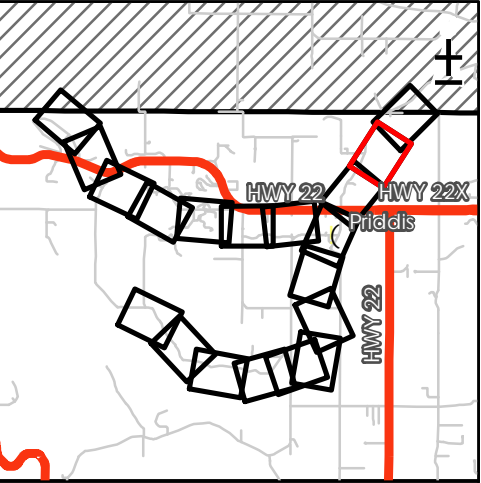
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Classification: Public



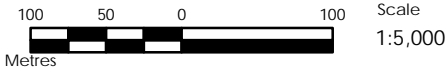
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- Flood Inundation Extent - 20-year
- Flow Direction
- Cross Sections
- Creek
- Local Road

RS:123 River Station

Discharge
Fish Creek: 139 m³/s

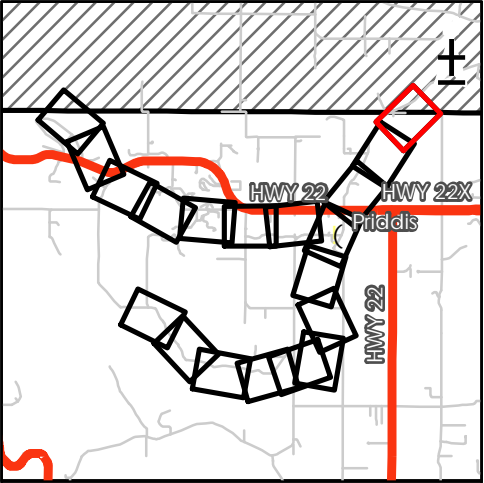


Priddis River Hazard Study 20-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
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Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 18 of 19
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Project No. 110773627	REV. A	Date: 20 October 2021
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- Flood Inundation Extent - 20-year
- Flow Direction
- Cross Sections
- Creek
- Local Road
- Tsuut'ina Nation
- RS:123 River Station

Discharge
Fish Creek: 139 m³/s

100

50

0

100

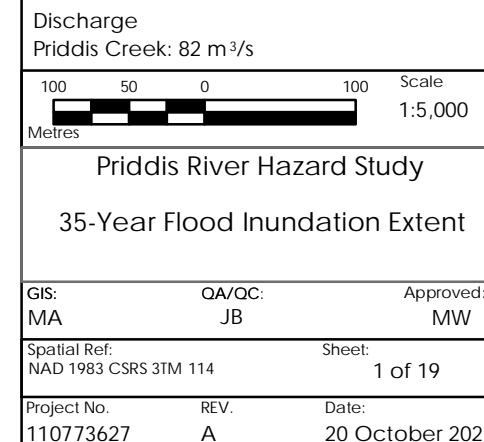
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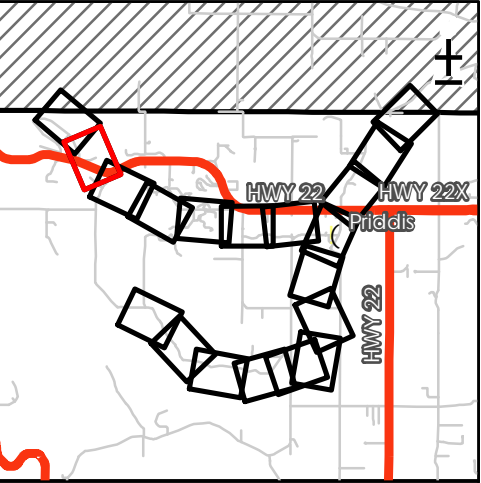
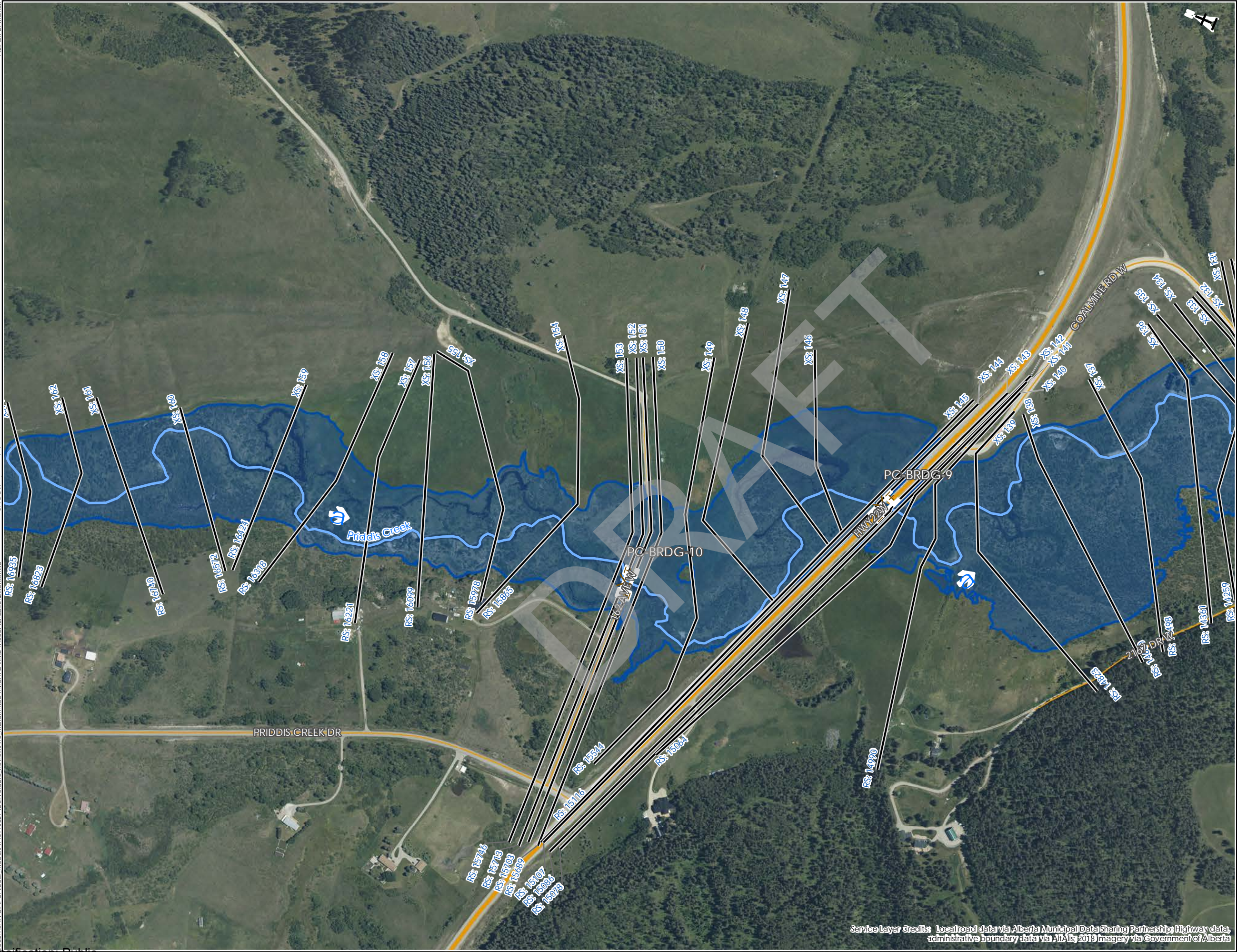
Priddis River Hazard Study		
20-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 19 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

35-year Flood Inundation Extent (Sheets 1 to 19)

DRAFT



Author: D. Merrick
Sheet: 1 ?
document Path: C:\local_models\110773627\Deliverable_Reviews\To_Muhammad\Final\FH_VOXD\FloodInundation\Extents.mxd



Flood Inundation Extent - 35-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS: 123 River Station

Discharge
Priddis Creek: 82 m³/s

100 50 0 100

Metres

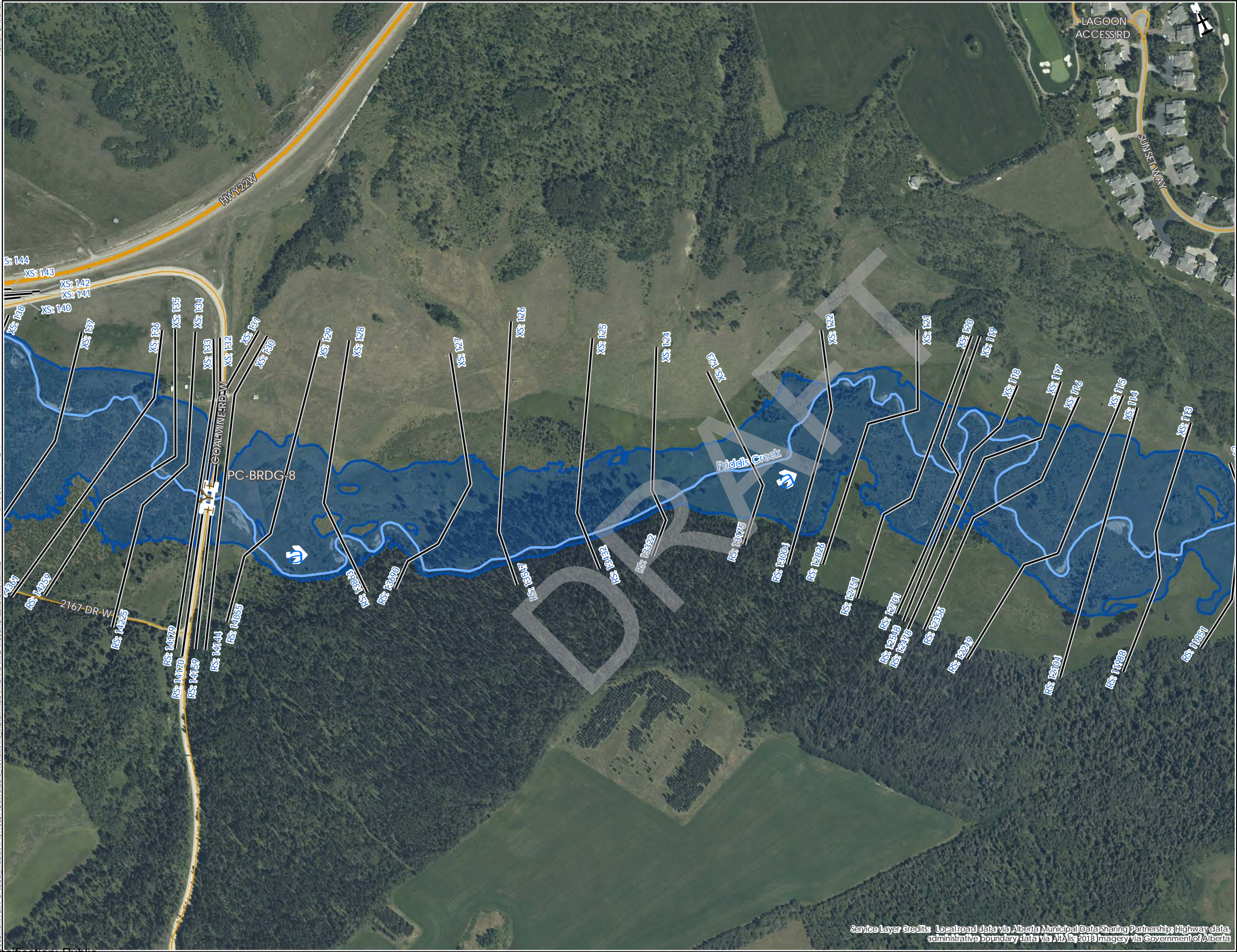
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Priddis River Hazard Study

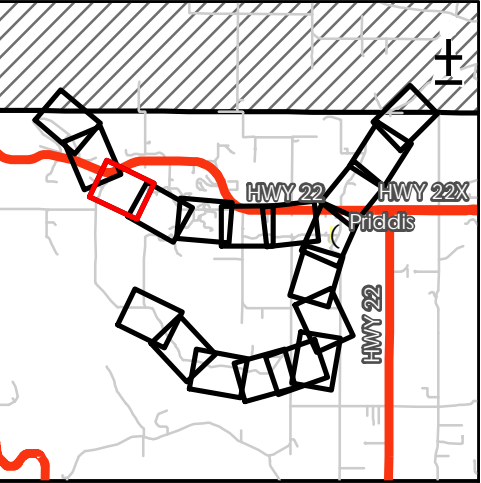
35-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 2 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AltaLis 2018 Imagery via Government of Alberta



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA's 2018 Imagery via Government of Alberta



Flood Inundation Extent - 35-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123 River Station

Discharge
Priddis Creek: 82 m³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study

35-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

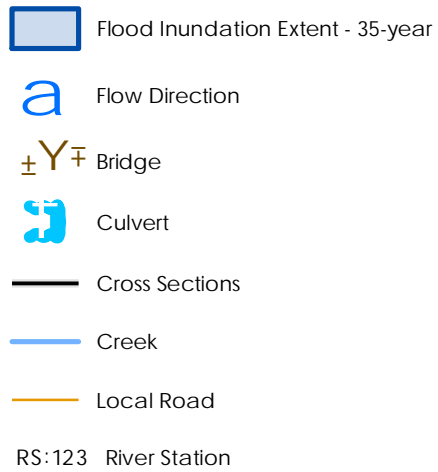
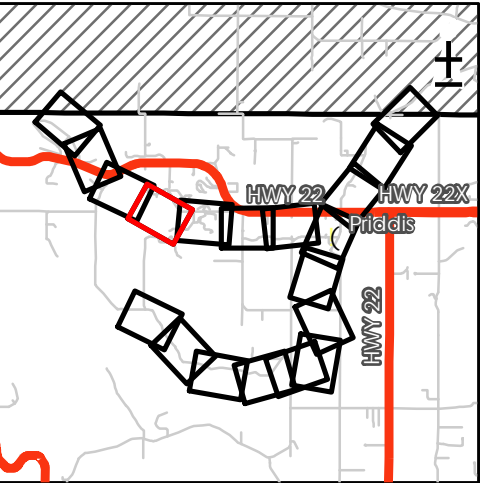
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Sheet:
3 of 19

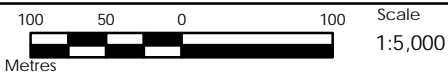
Project No.
110773627

REV.
A

Date:
20 October 2021



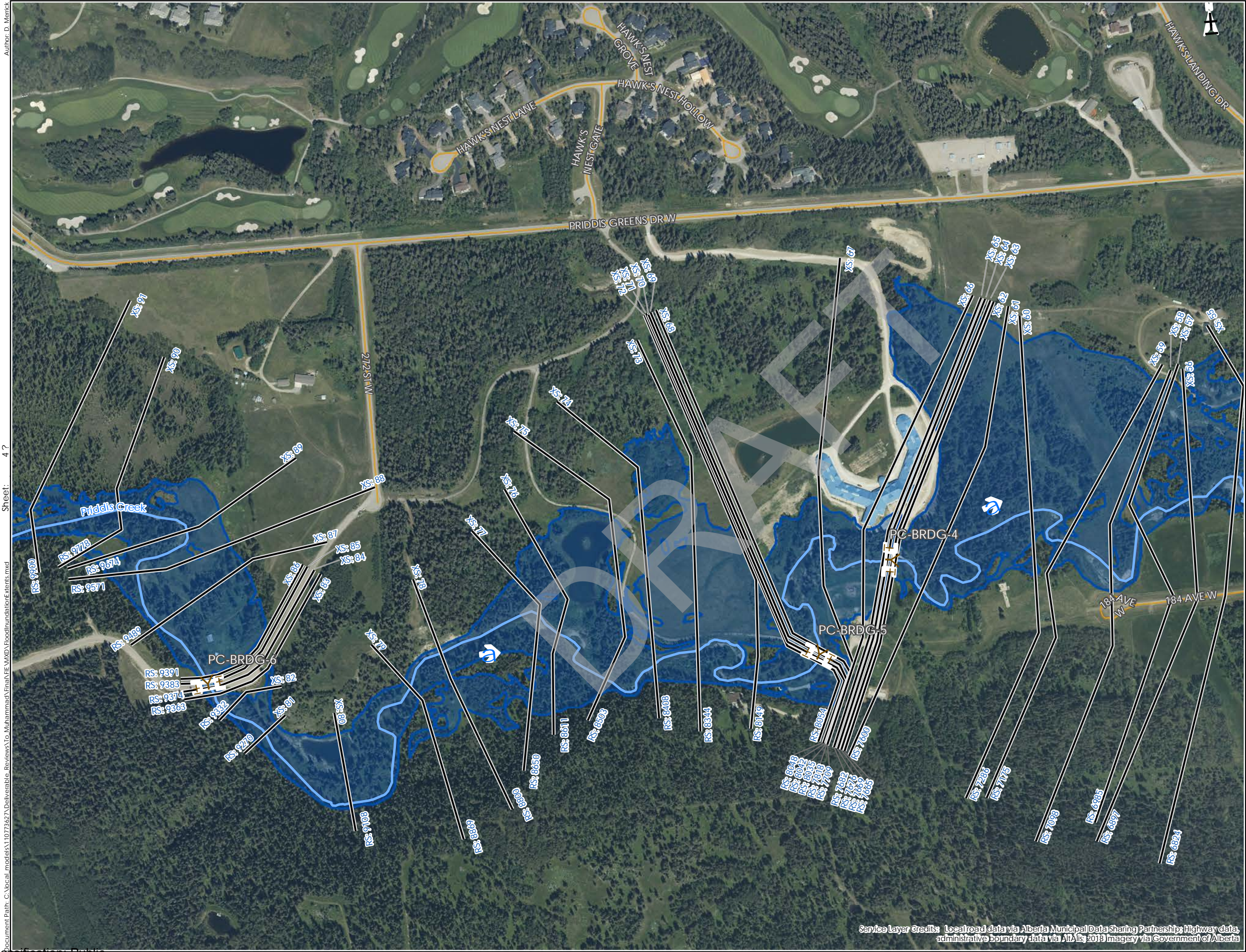
Discharge
Priddis Creek: 82 m³/s



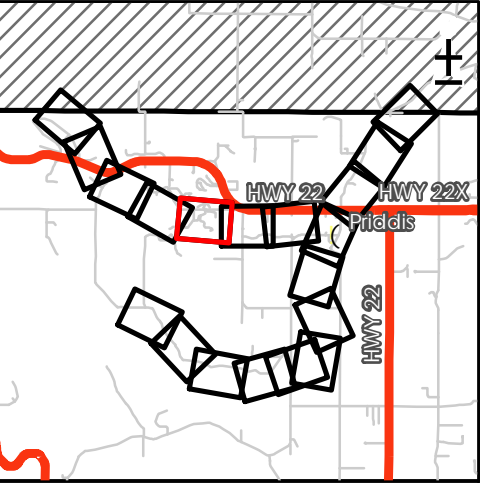
Priddis River Hazard Study

35-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 4 of 19
Project No. 110773627	REV. A	Date: 20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA's 2018 Imagery via Government of Alberta



Flood Inundation Extent - 35-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123 River Station

Discharge
Priddis Creek: 82 m³/s

100 50 0 100

Metres

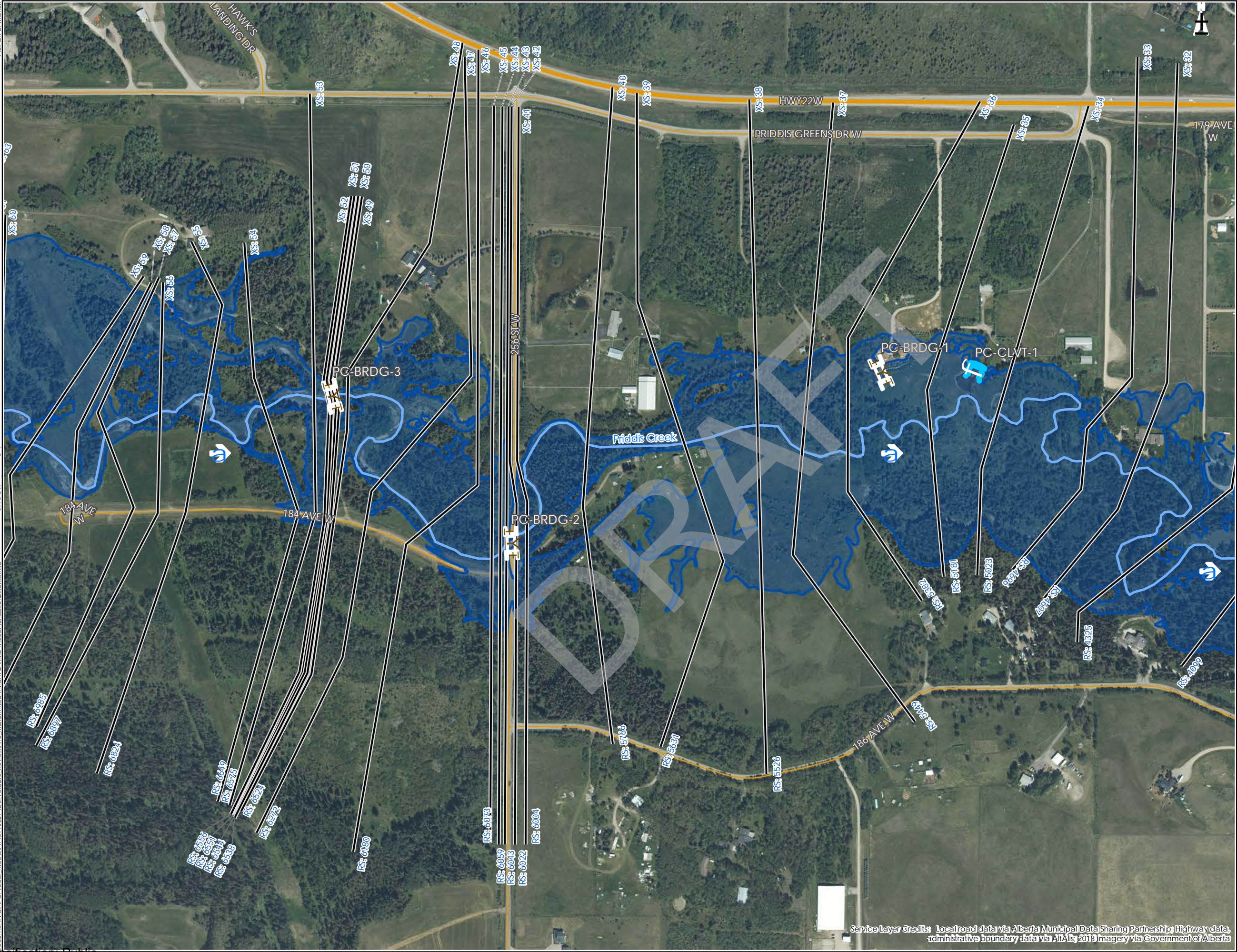
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Priddis River Hazard Study

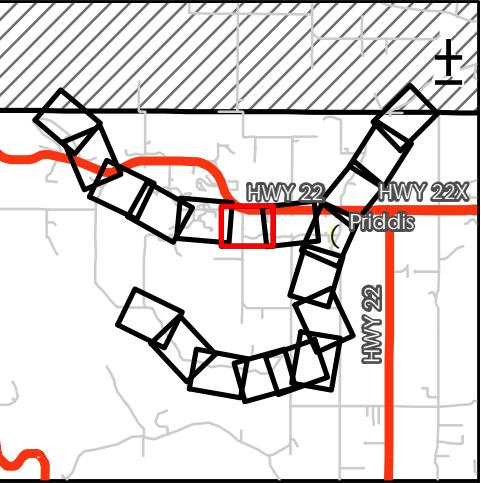
35-Year Flood Inundation Extent

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Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 5 of 19
Project No. 110773627	REV. A	Date: 20 October 2021

Author: D. Merrick
Sheet: 5 ?
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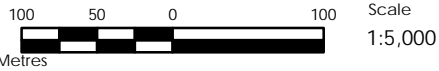


Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 35-year
- Flow Direction
- Bridge
- Culvert
- Cross Sections
- Creek
- Major Road
- Local Road
- RS: 123 River Station

Discharge
Priddis Creek: 82 m³/s



Priddis River Hazard Study

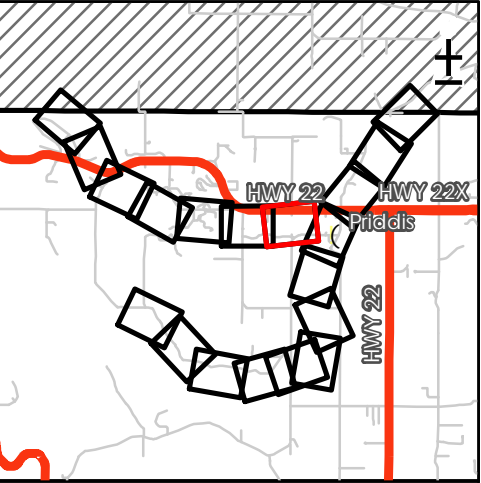
35-Year Flood Inundation Extent

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Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 6 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

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Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 35-year

Flow Direction

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123 River Station

Discharge
Priddis Creek: 82 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

35-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
7 of 19

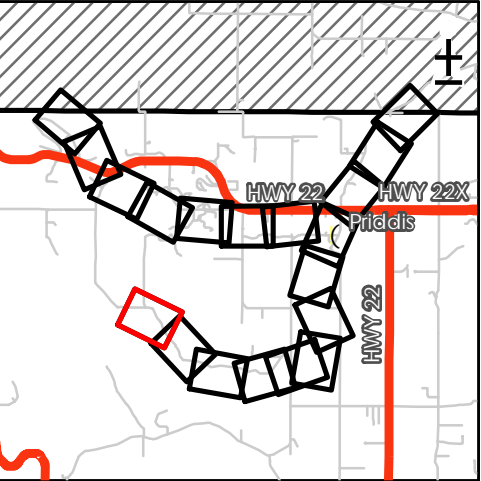
Project No.
110773627

REV.
A

Date:
20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via AIT; 2018 Imagery via Government of Alberta



Flood Inundation Extent - 35-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 108 m³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study

35-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

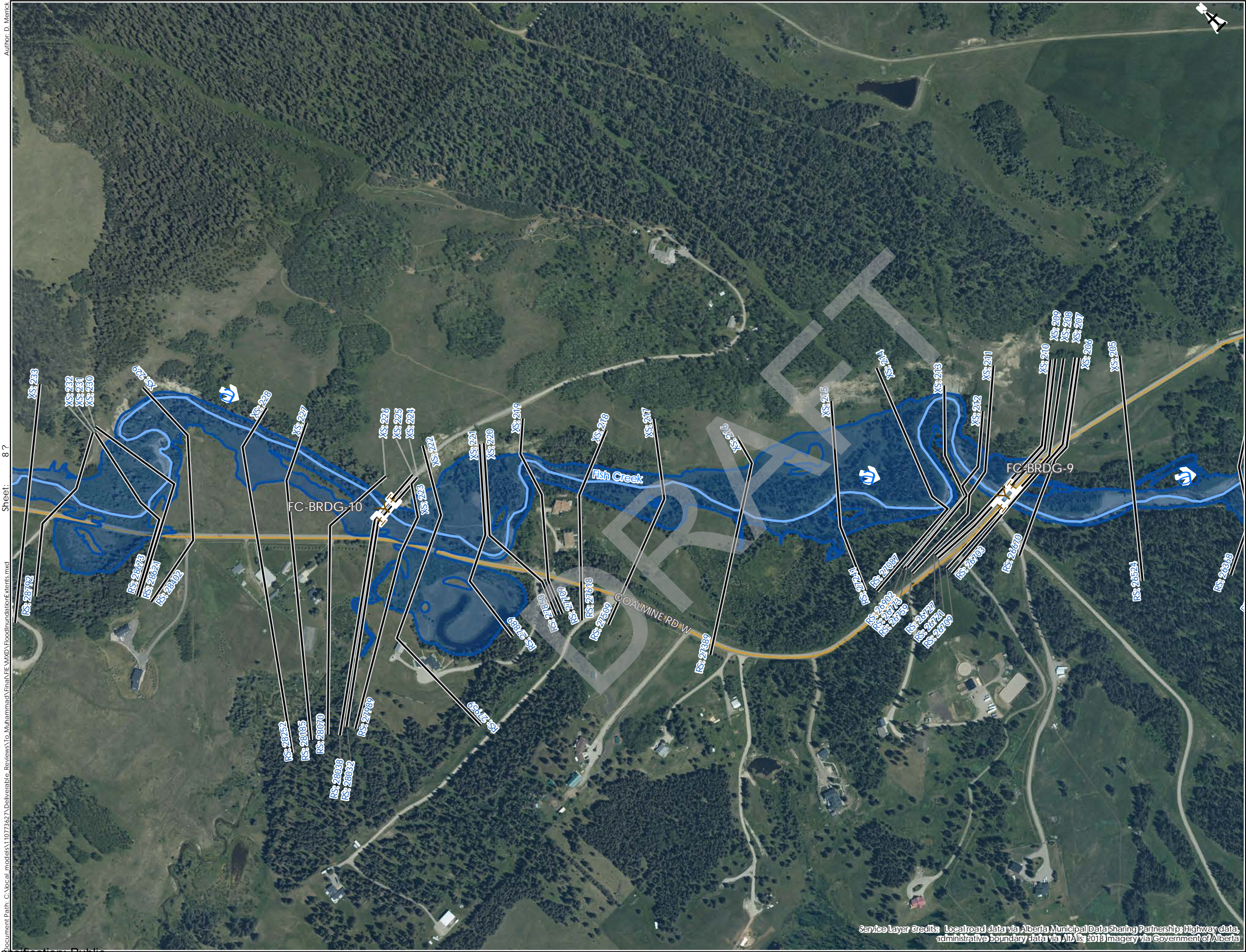
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8 of 19

Project No.
110773627

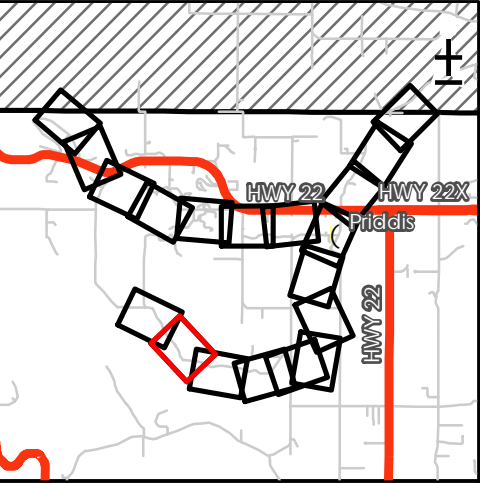
REV.
A

Date:
20 October 2021

Classification: Public

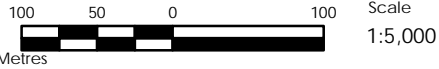


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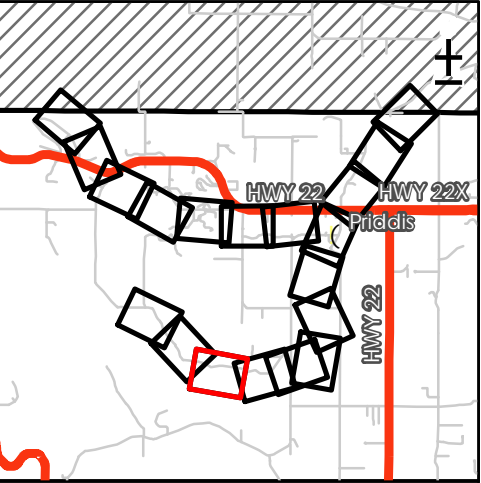
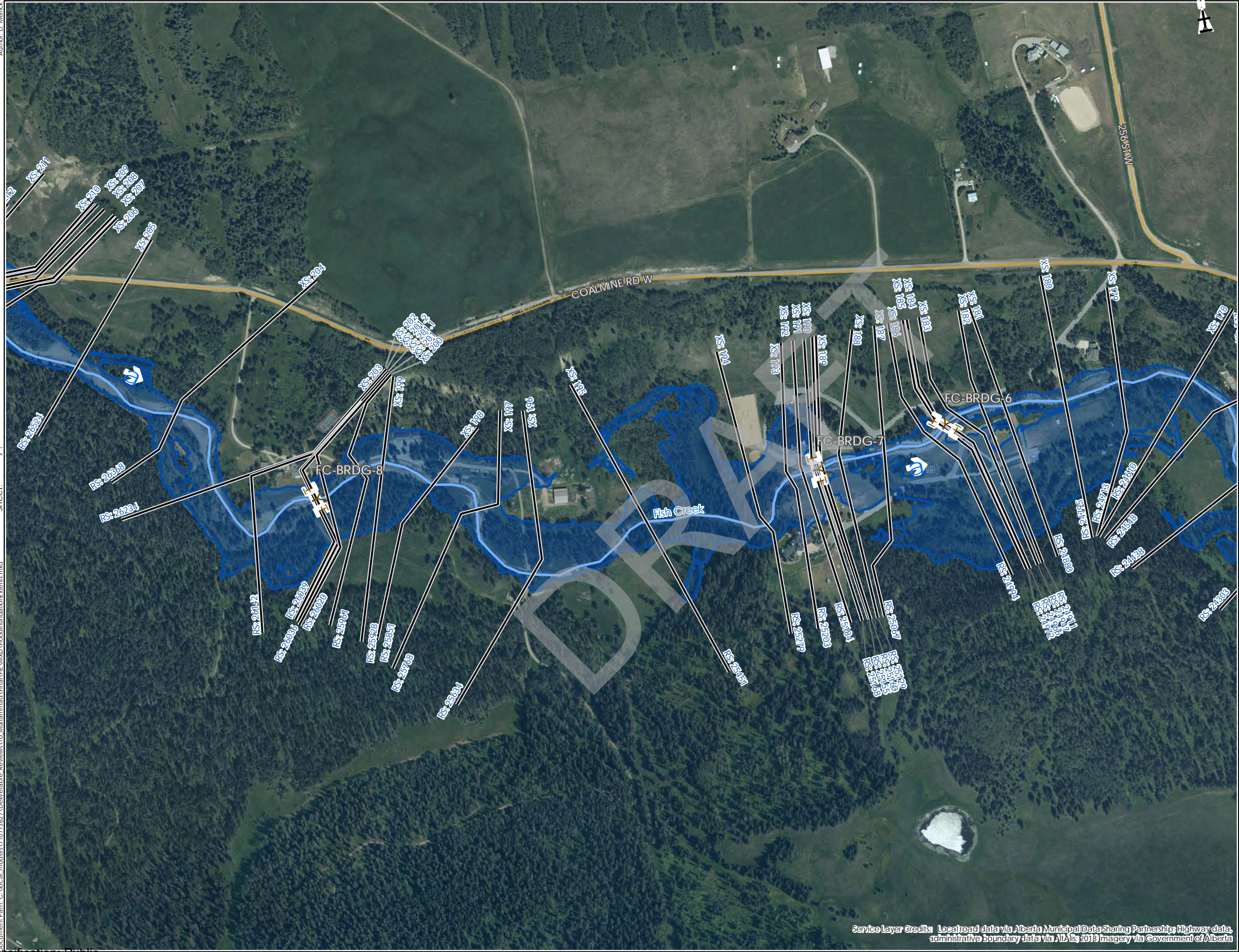
- Flood Inundation Extent - 35-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS:123 River Station

Discharge
Fish Creek: 108 m³/s



Priddis River Hazard Study
35-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 9 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Flood Inundation Extent - 35-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 108 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

35-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
10 of 19

Project No.
110773627

REV.
A

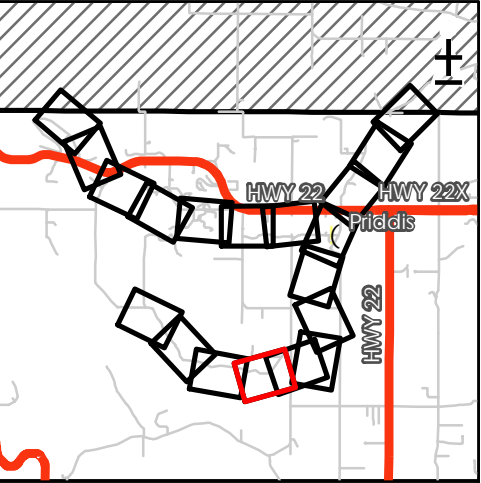
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20 October 2021

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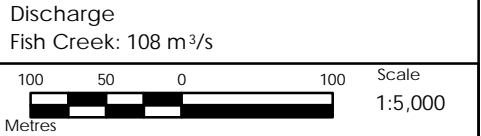
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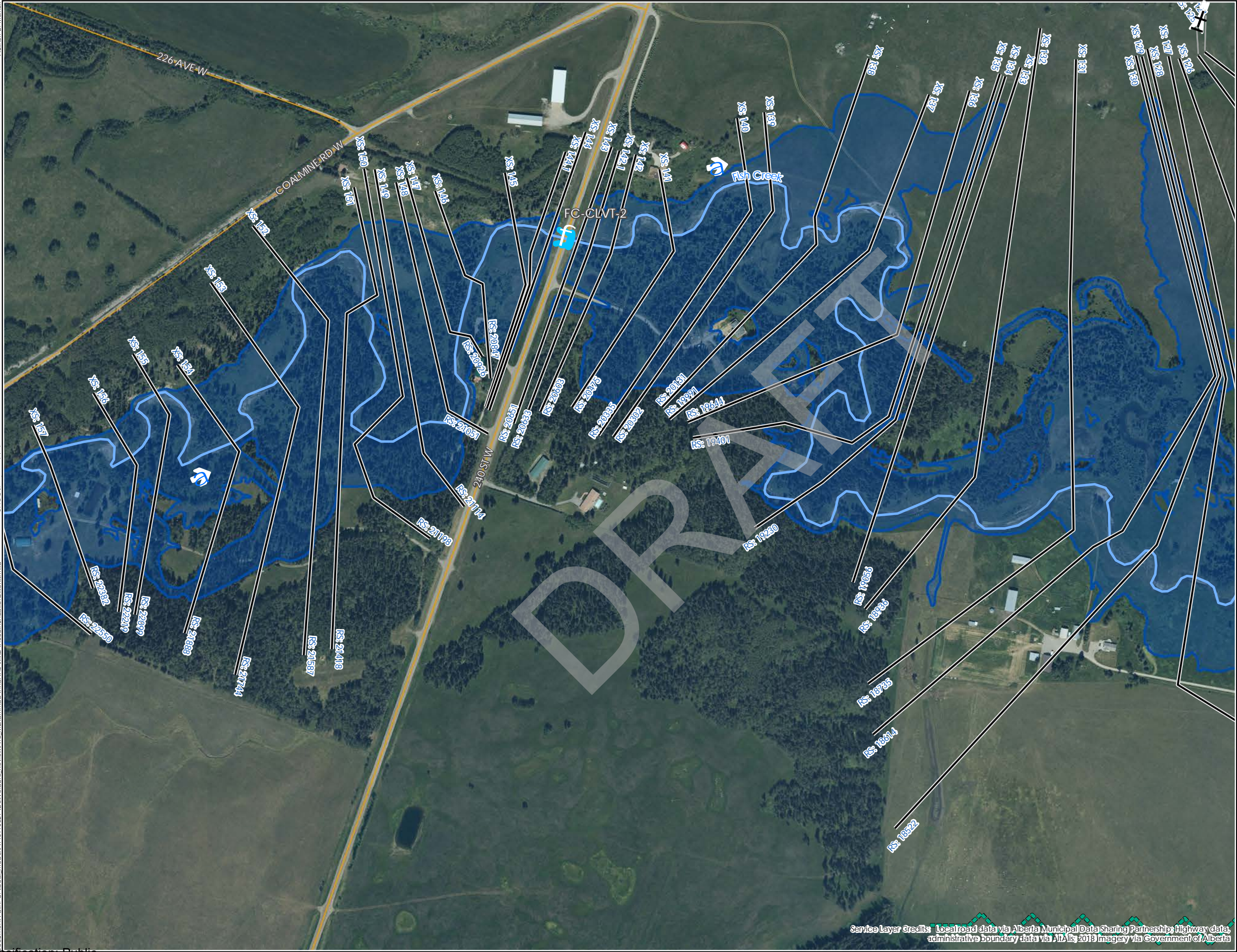
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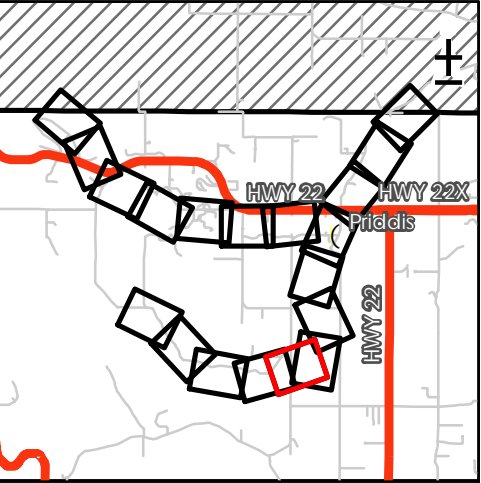
- Flood Inundation Extent - 35-year
- Flow Direction
- Bridge
- Culvert
- Cross Sections
- Creek
- Local Road
- RS: 123 River Station



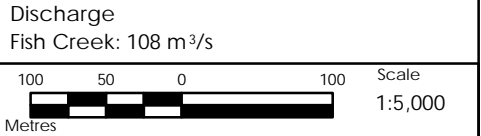
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35-Year Flood Inundation Extent		
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Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 11 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



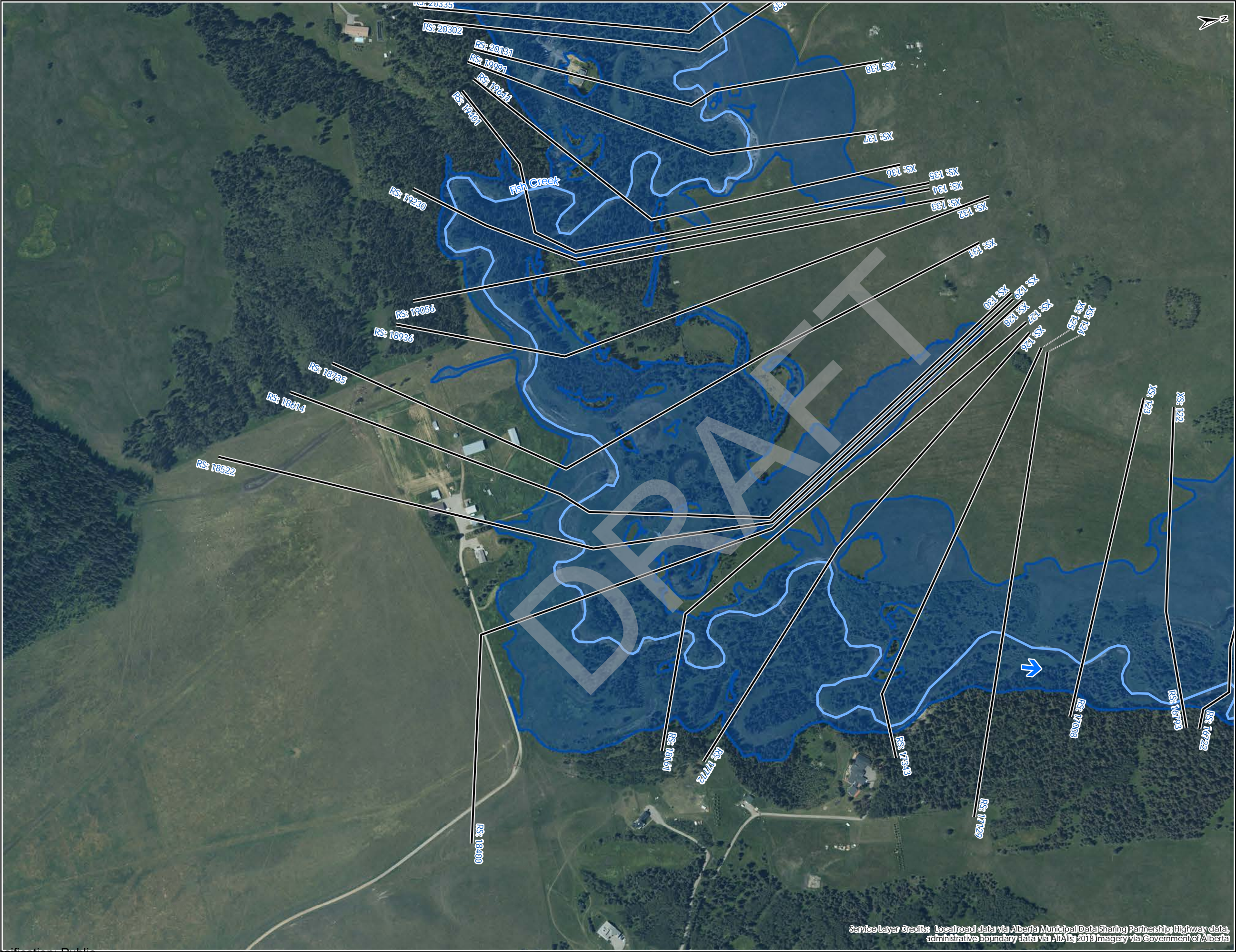
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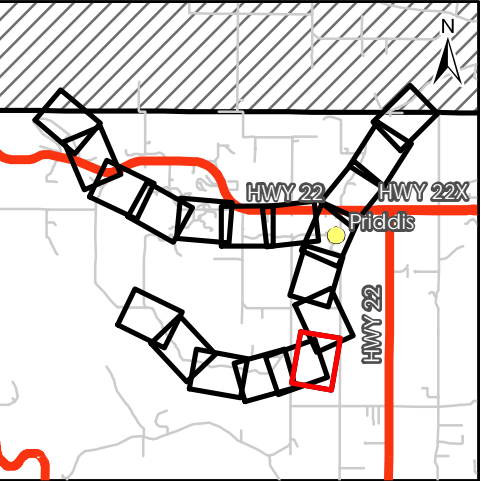
- Flood Inundation Extent - 35-year
- Flow Direction
- Culvert
- Cross Sections
- Creek
- Local Road
- RS:123 River Station






Priddis River Hazard Study		
35-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 12 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021




Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIT/Alis 2018 Imagery via Government of Alberta









Flood Inundation Extent - 35-year




Flow Direction




Culvert



Cross Sections



Creek



Local Road

RS: 123

River Station

Discharge
Fish Creek: 108 m³/s

100

50

0

100

Metres

Scale
1:5,000

Priddis River Hazard Study

35-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
13 of 19

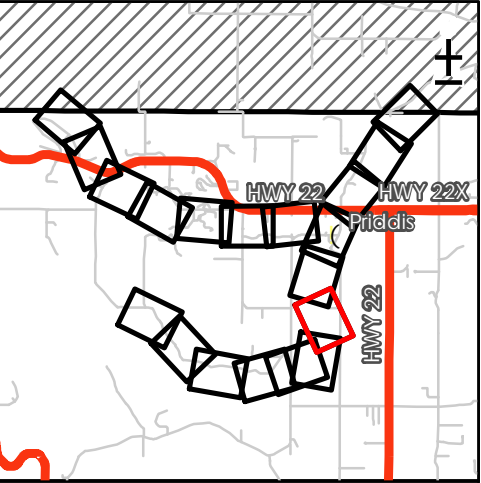
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A

Date:
20 October 2021

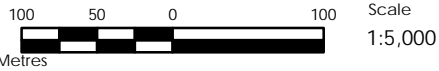


Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



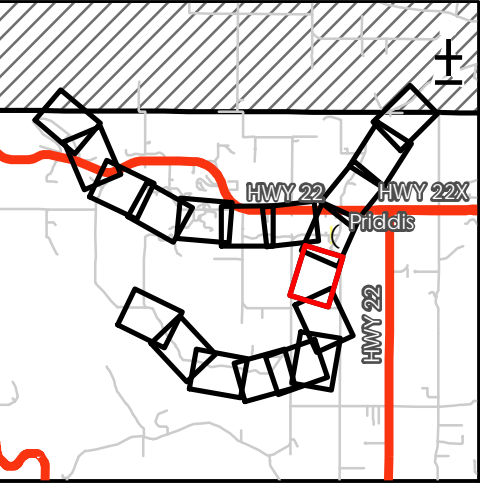
- Flood Inundation Extent - 35-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS:123 River Station

Discharge
Fish Creek: 108 m³/s



Priddis River Hazard Study
35-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 14 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



- Flood Inundation Extent - 35-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS: 123 River Station

Discharge
Fish Creek: 108 m³/s

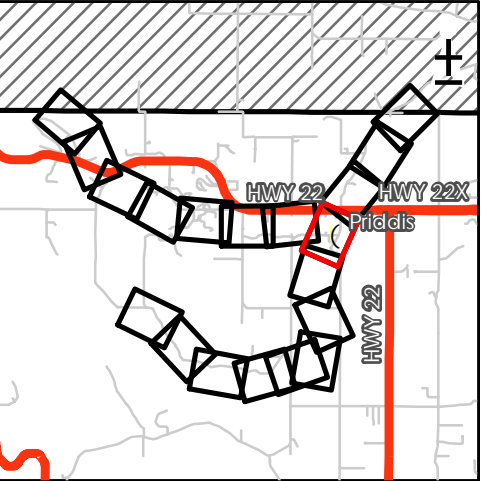
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Priddis River Hazard Study		
35-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 15 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta

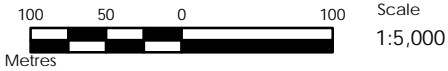


Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 35-year
- Flow Direction
- Bridge
- Culvert
- Cross Sections
- Creek
- Major Road
- Local Road
- RS: 123 River Station

Discharge
Fish Creek above cross section 56: 108 m³/s
Fish Creek below cross section 56: 190 m³/s
Priddis Creek: 82 m³/s

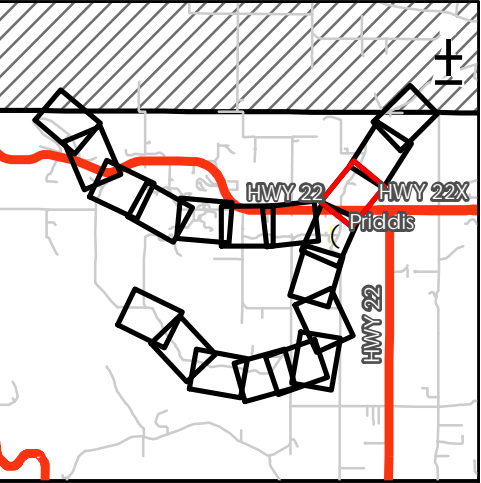
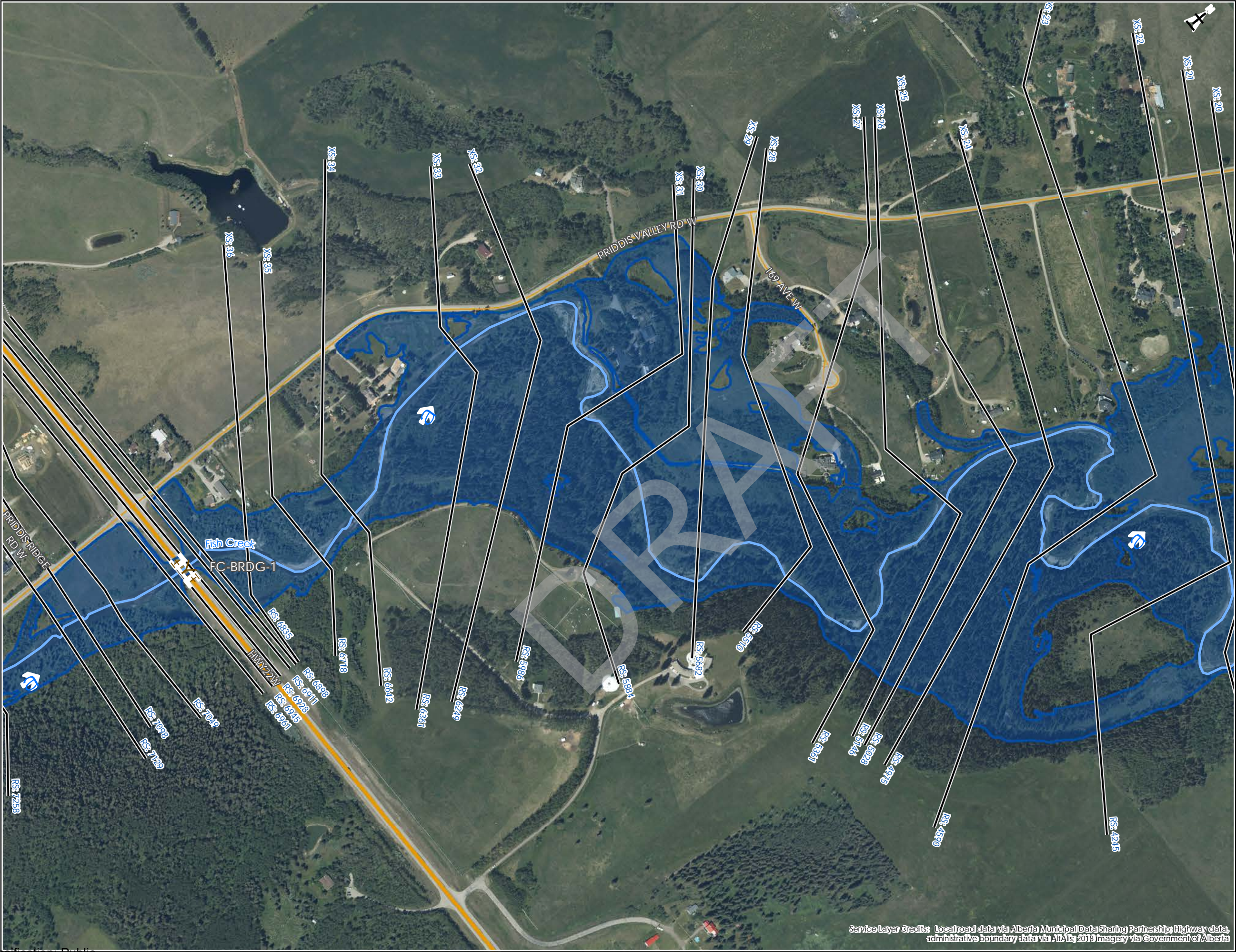


Priddis River Hazard Study
35-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
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Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 16 of 19
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Project No. 110773627	REV. A	Date: 20 October 2021
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Flood Inundation Extent - 35-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123 River Station

Discharge
Fish Creek: 190 m³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study

35-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114

Sheet: 17 of 19

Project No. 110773627

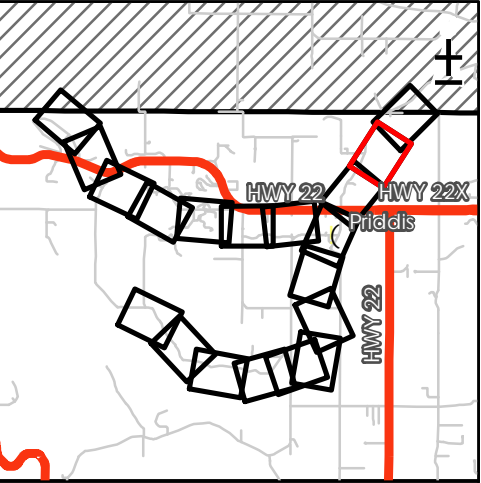
REV. A

Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AltaLis 2018 Imagery via Government of Alberta



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via AIA; 2018 Imagery via Government of Alberta



Flood Inundation Extent - 35-year

Flow Direction

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 190 m³/s

100 50 0 100

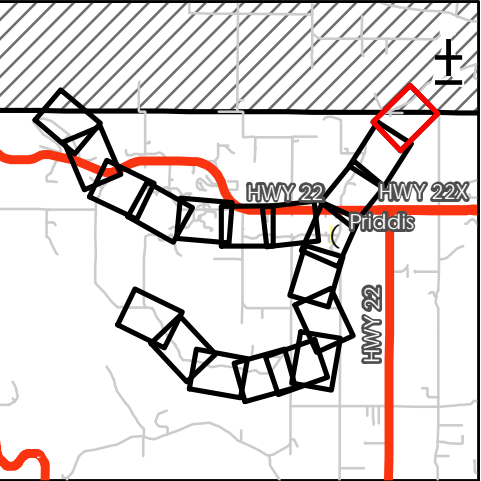
Metres

Scale
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Priddis River Hazard Study

35-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 18 of 19
Project No. 110773627	REV. A	Date: 20 October 2021



Flood Inundation Extent - 35-year

Flow Direction

Cross Sections

Creek

Local Road

Tsuut'ina Nation

RS:123 River Station

Discharge
Fish Creek: 190 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

35-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
19 of 19

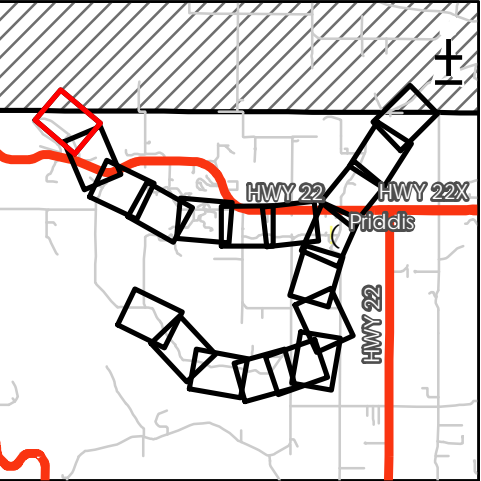
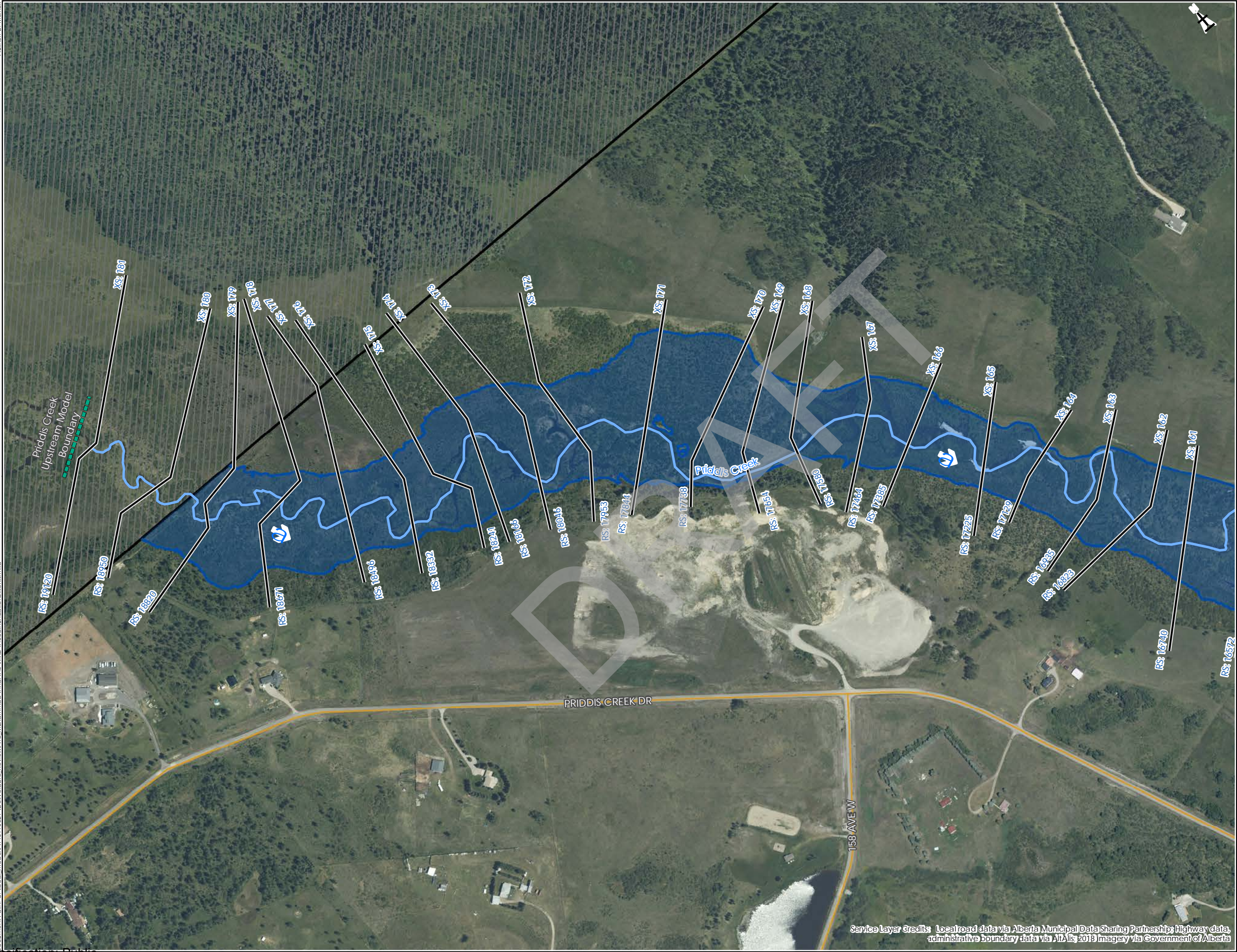
Project No.
110773627

REV.
A

Date:
20 October 2021

50-year Flood Inundation Extent (Sheets 1 to 19)

DRAFT



Flood Inundation Extent - 50-year

Flow Direction

Cross Sections

Creek

Major Road

Local Road

Tsuut'ina Nation

RS: 123 River Station

Discharge
Priddis Creek: 99 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

50-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

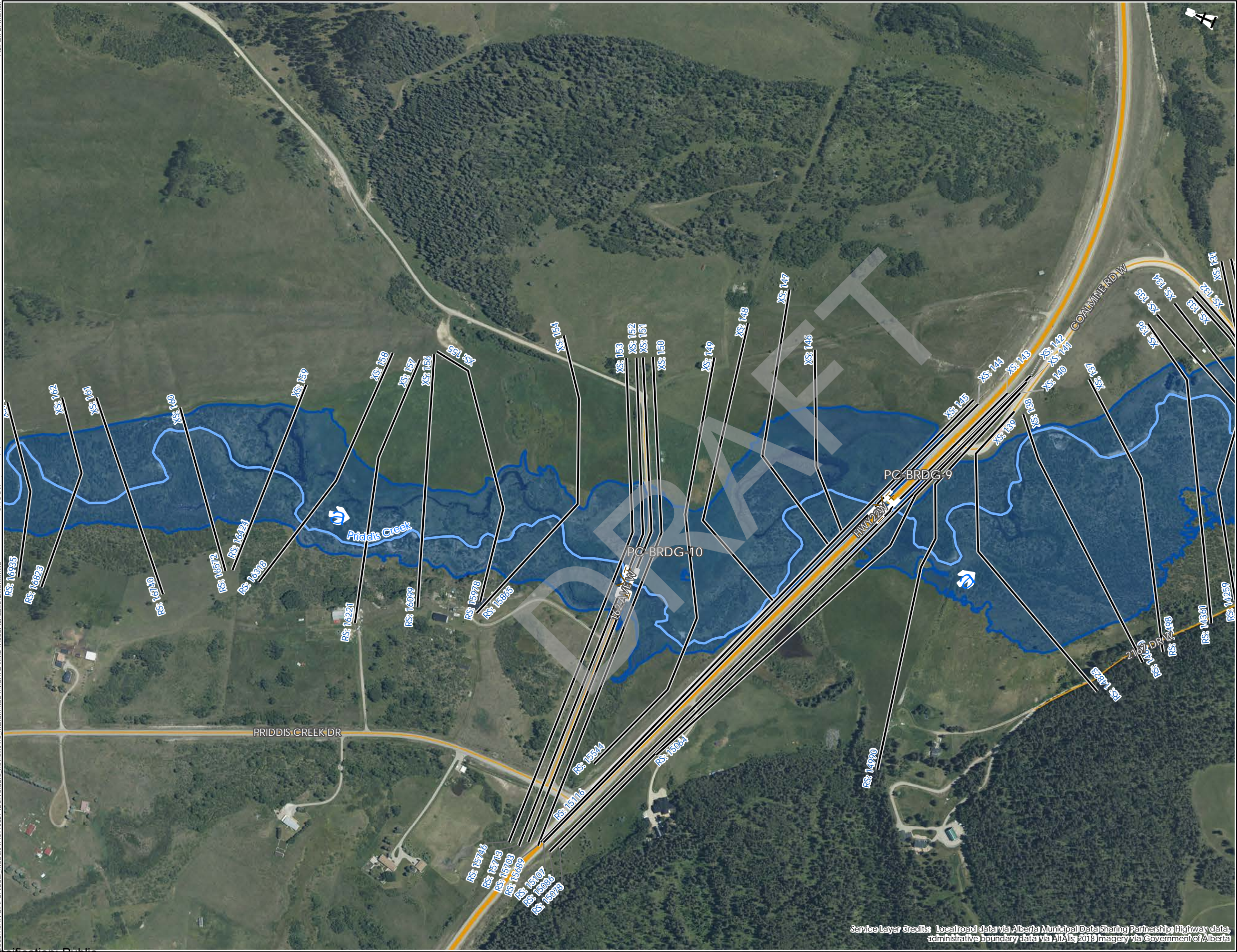
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1 of 19

Project No.
110773627

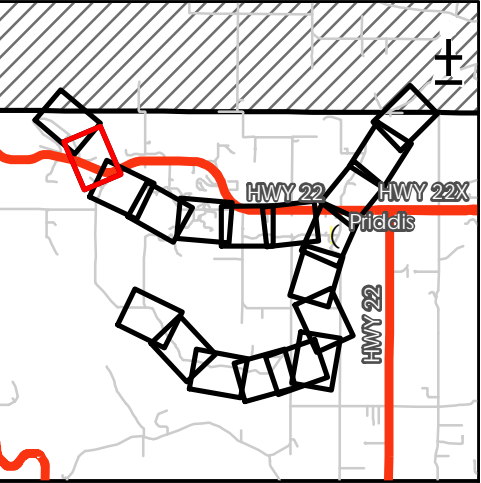
REV.
A

Date:
20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta

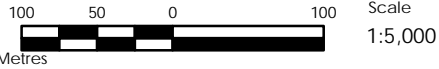


Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AltaLis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 50-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Major Road
- Local Road
- RS: 123 River Station

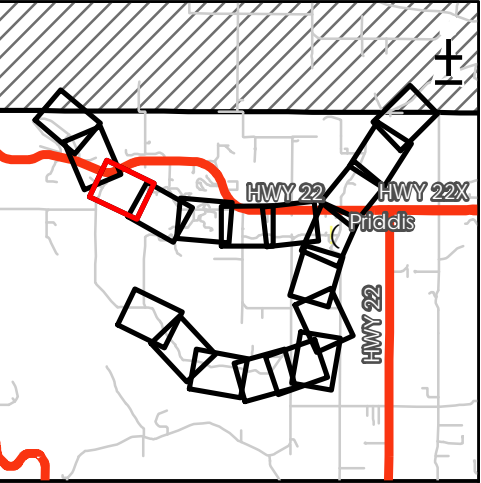
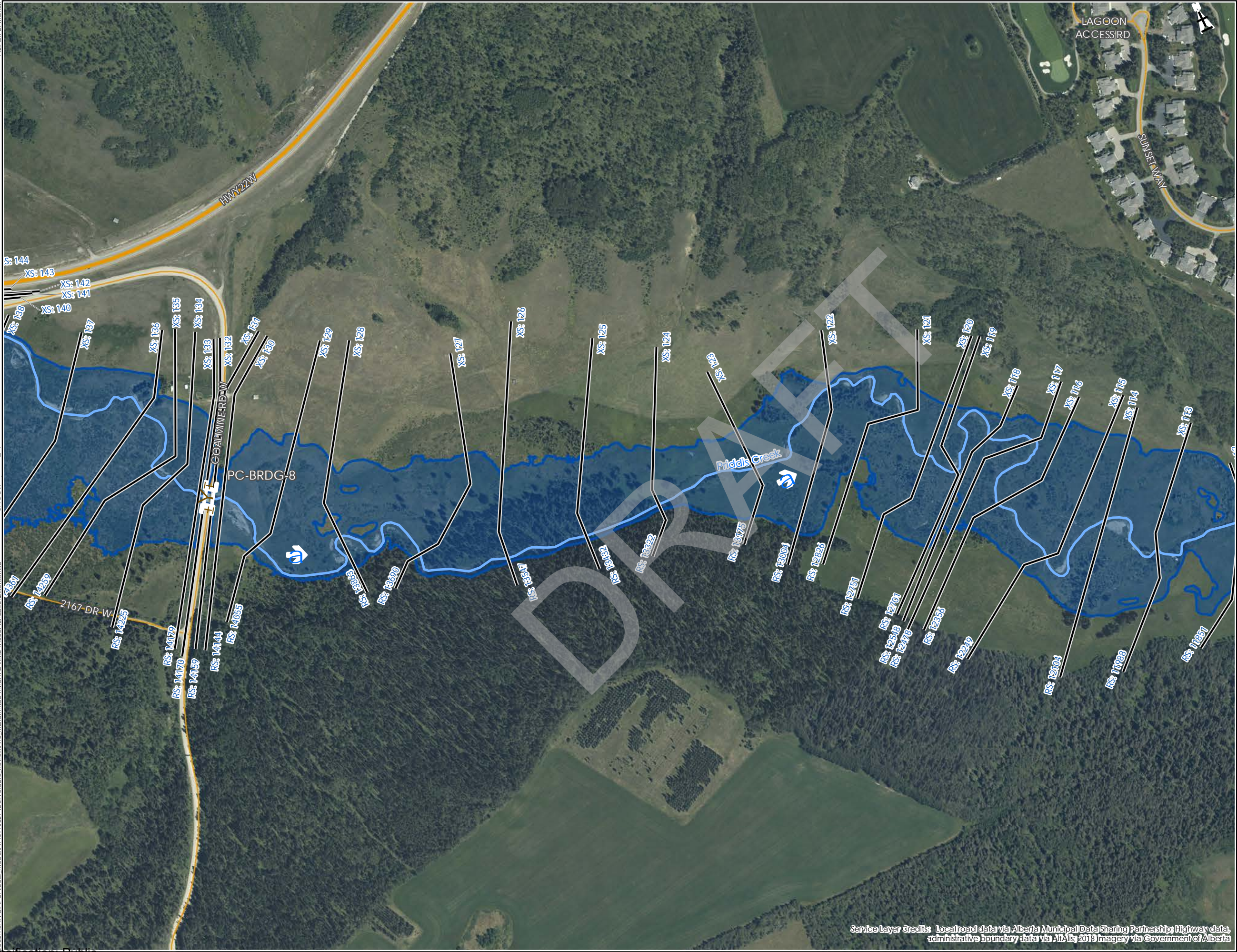
Discharge
Priddis Creek: 99 m³/s



Priddis River Hazard Study 50-Year Flood Inundation Extent

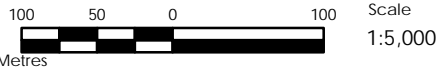
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Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 2 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Author: D. Merrick
Sheet: 2 ?
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- Flood Inundation Extent - 50-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Major Road
- Local Road
- RS: 123 River Station

Discharge
Priddis Creek: 99 m³/s



Priddis River Hazard Study

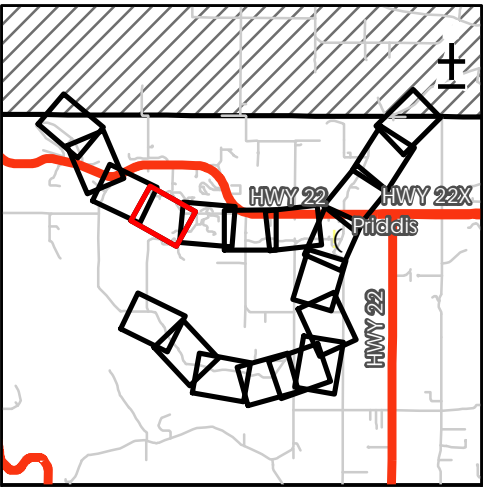
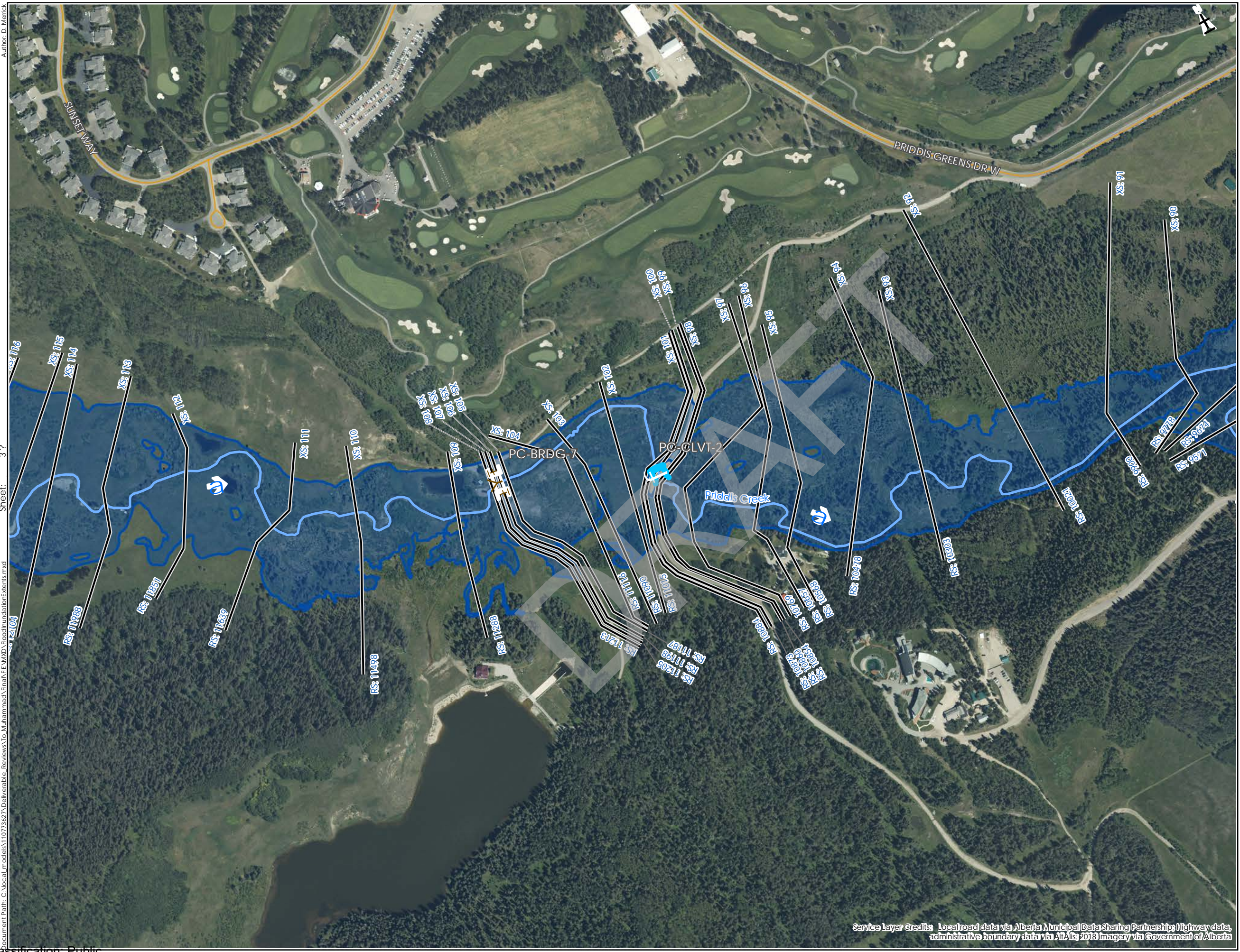
50-Year Flood Inundation Extent

GIS: MA QA/QC: JB Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114 Sheet: 3 of 19

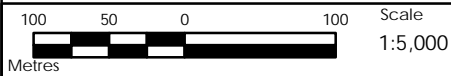
Project No. 110773627 REV. A Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AltaLis 2018 Imagery via Government of Alberta



-
- Legend:
- Flood Inundation Extent - 50-year
 - Flow Direction
 - Bridge
 - Culvert
 - Cross Sections
 - Creek
 - Local Road
 - RS:123 River Station

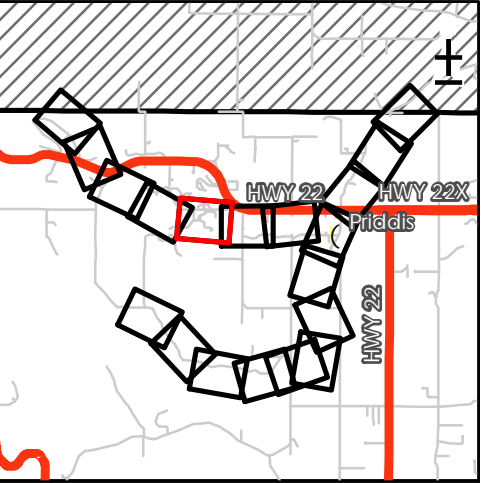
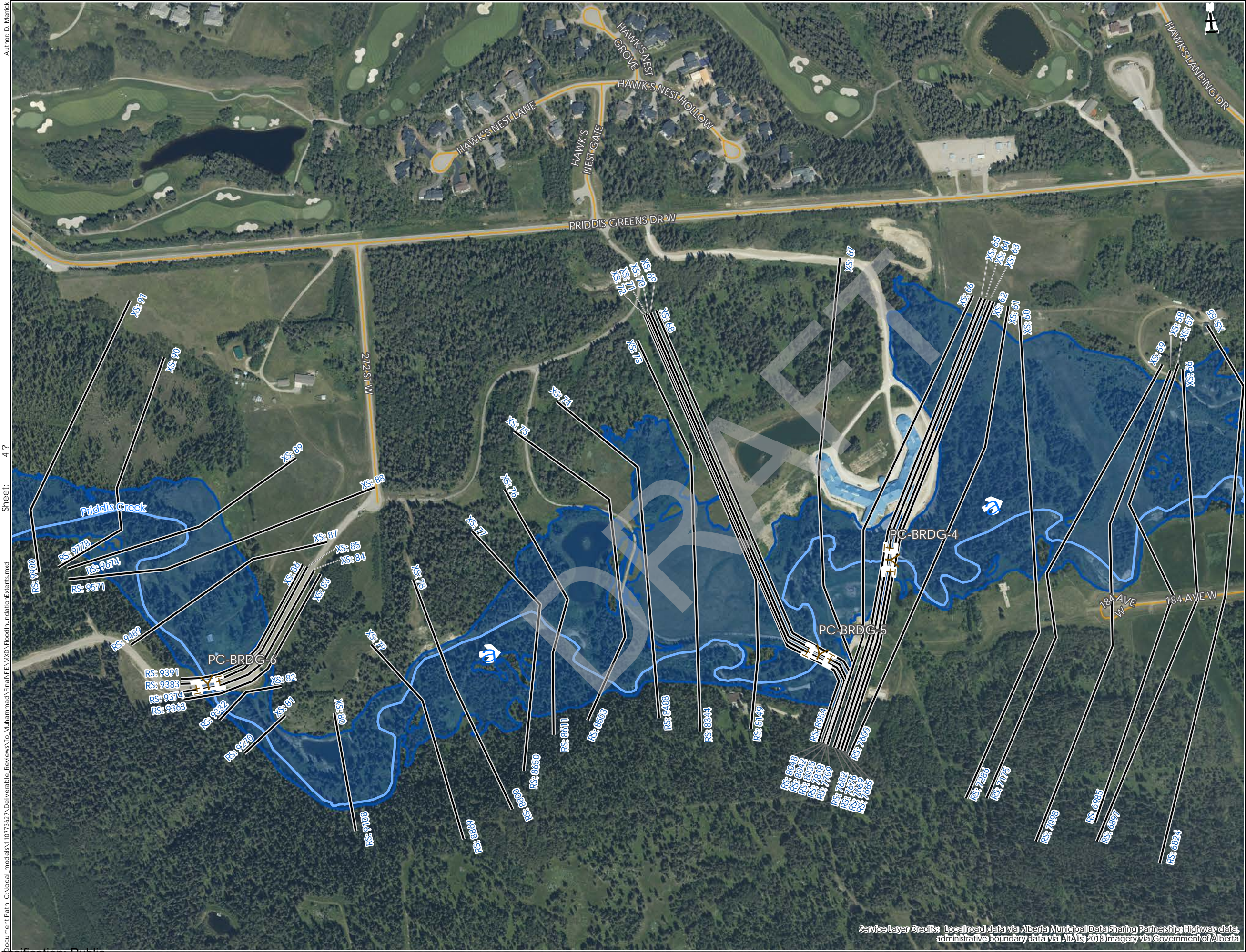
Discharge
Priddis Creek: 99 m³/s



Priddis River Hazard Study

50-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 4 of 19
Project No. 110773627	REV. A	Date: 20 October 2021



Flood Inundation Extent - 50-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123 River Station

Discharge
Priddis Creek: 99 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

50-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
5 of 19

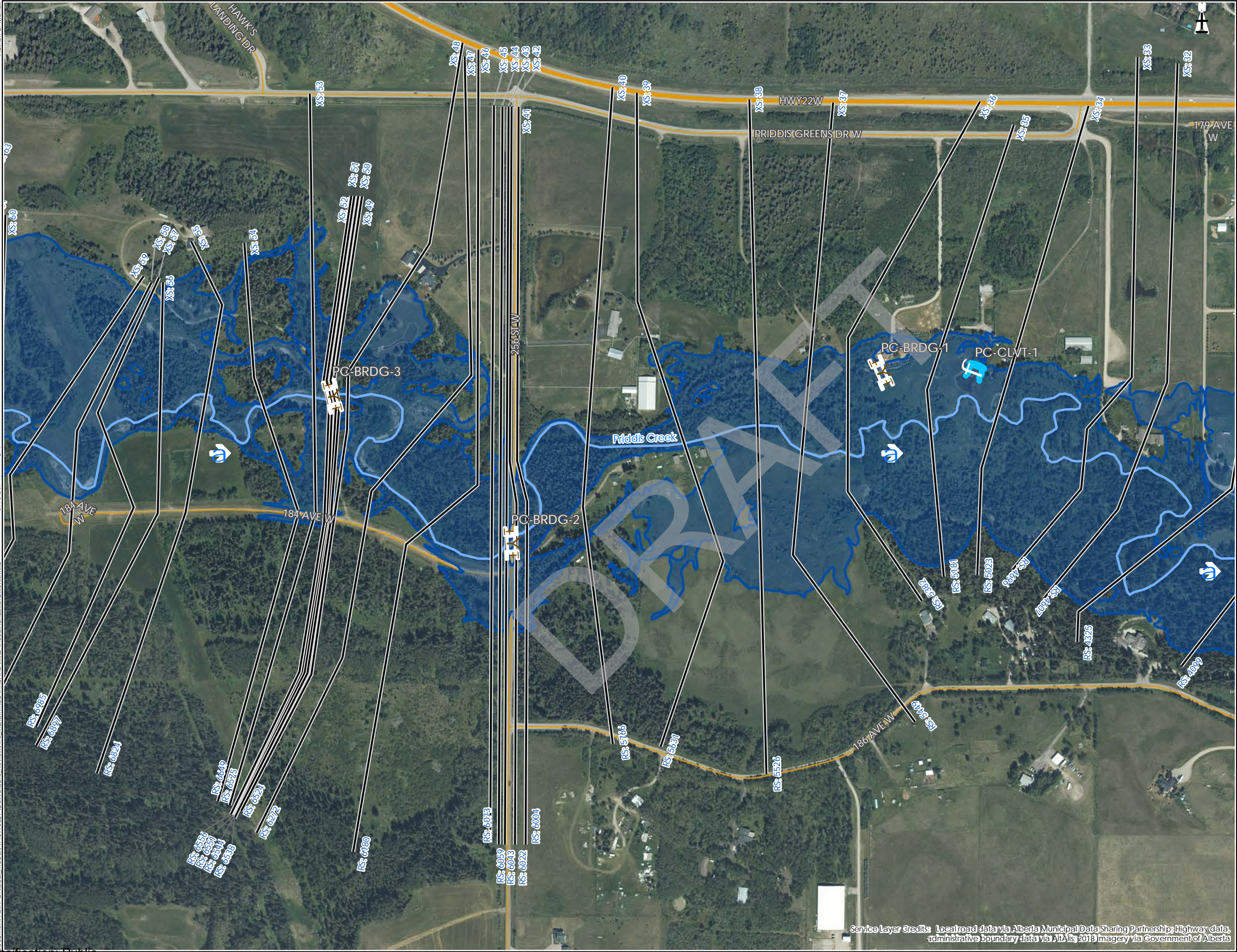
Project No.
110773627

REV.
A

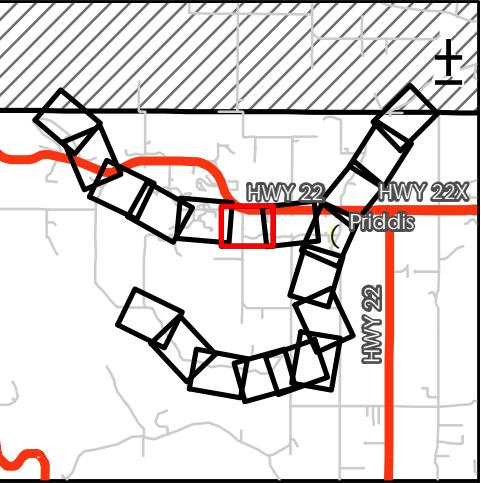
Date:
20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA; 2018 Imagery via Government of Alberta

Author: D. Merrick
Sheet: 5 ?
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Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 50-year

Flow Direction

Bridge

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123

 River Station

Discharge
Priddis Creek: 99 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

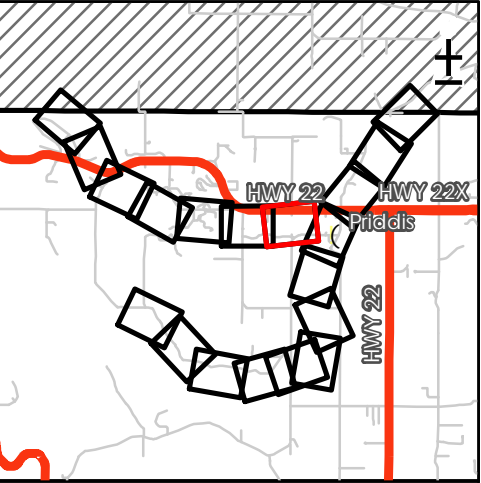
50-Year Flood Inundation Extent

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Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 6 of 19
Project No. 110773627	REV. A	Date: 20 October 2021

Author: D. Merrick
Sheet: 6 ?
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Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 50-year

Flow Direction

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123 River Station

Discharge
Priddis Creek: 99 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

50-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

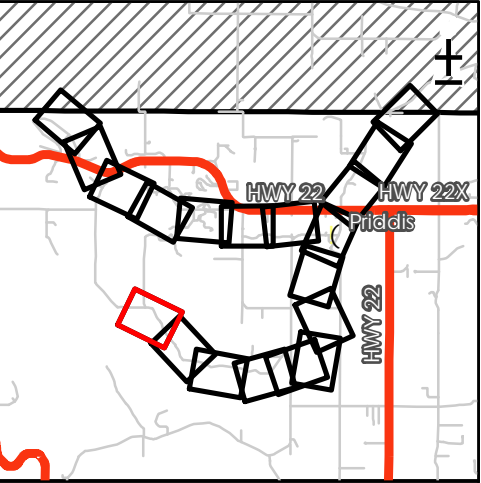
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NAD 1983 CSRS 3TM 114

Sheet:
7 of 19

Project No.
110773627

REV.
A

Date:
20 October 2021



Flood Inundation Extent - 50-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

River Station

Discharge

Fish Creek: 131 m³/s

100

50

0

100

Metres

Scale

1:5,000

Priddis River Hazard Study

50-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114

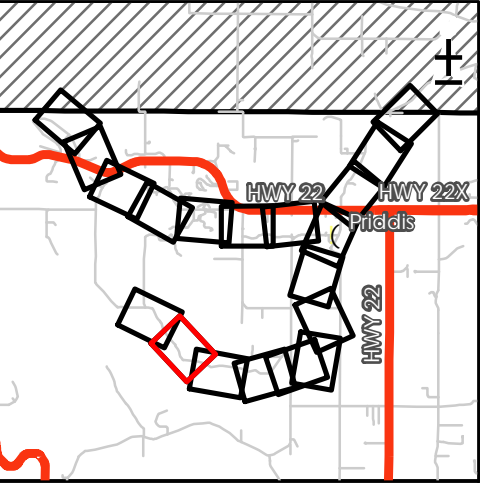
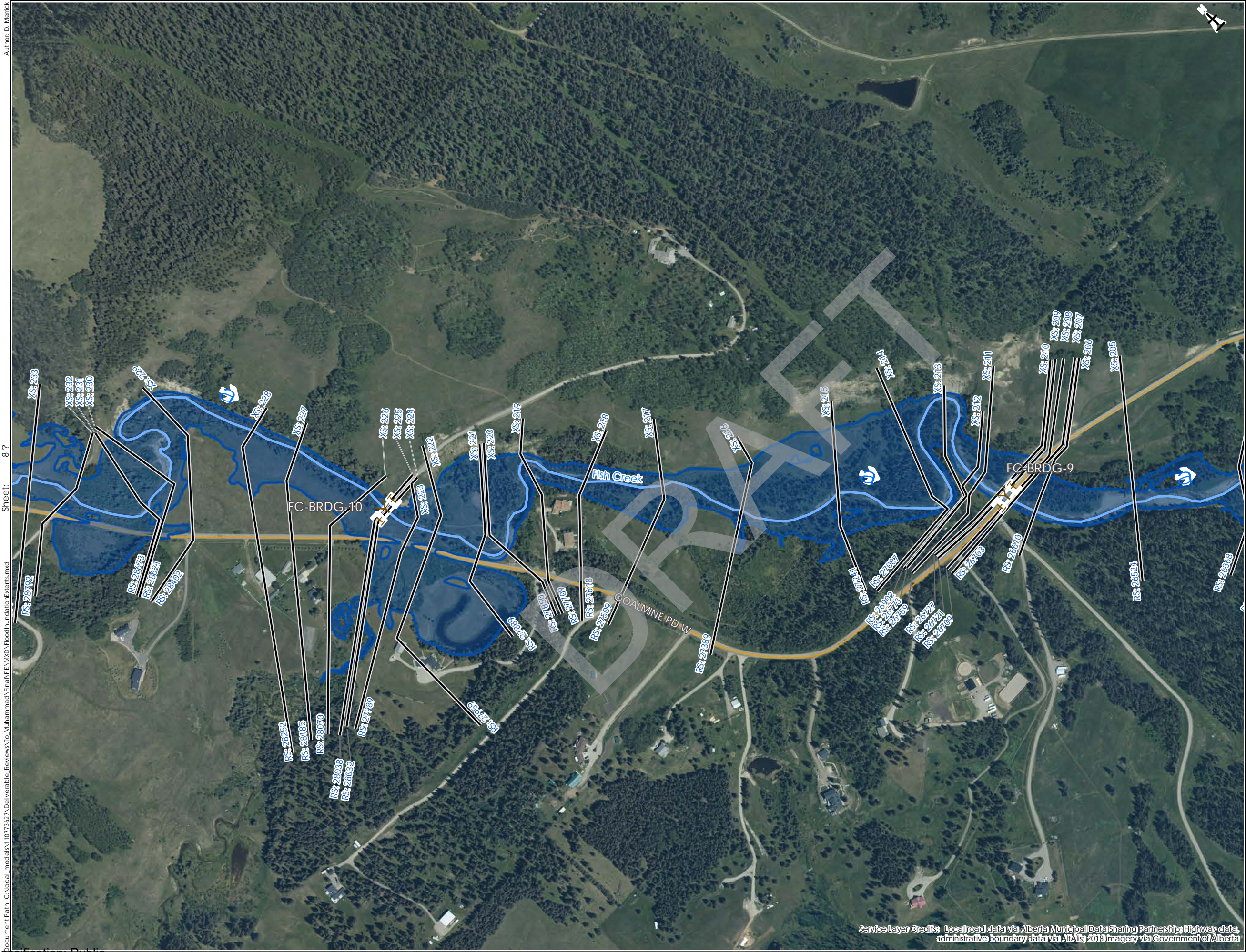
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Project No. 110773627

REV. A

Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via AIT/Alis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 50-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS:123 River Station

Discharge
Fish Creek: 131 m³/s

100

50

0

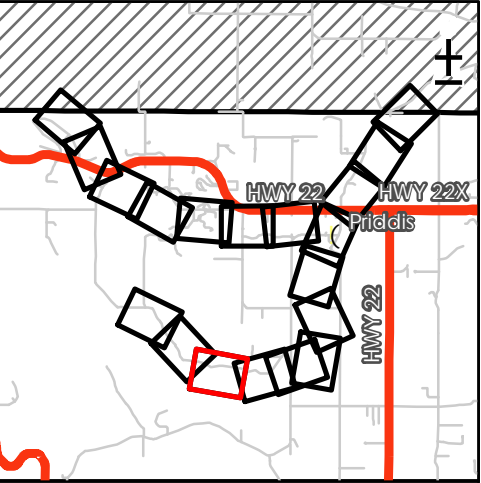
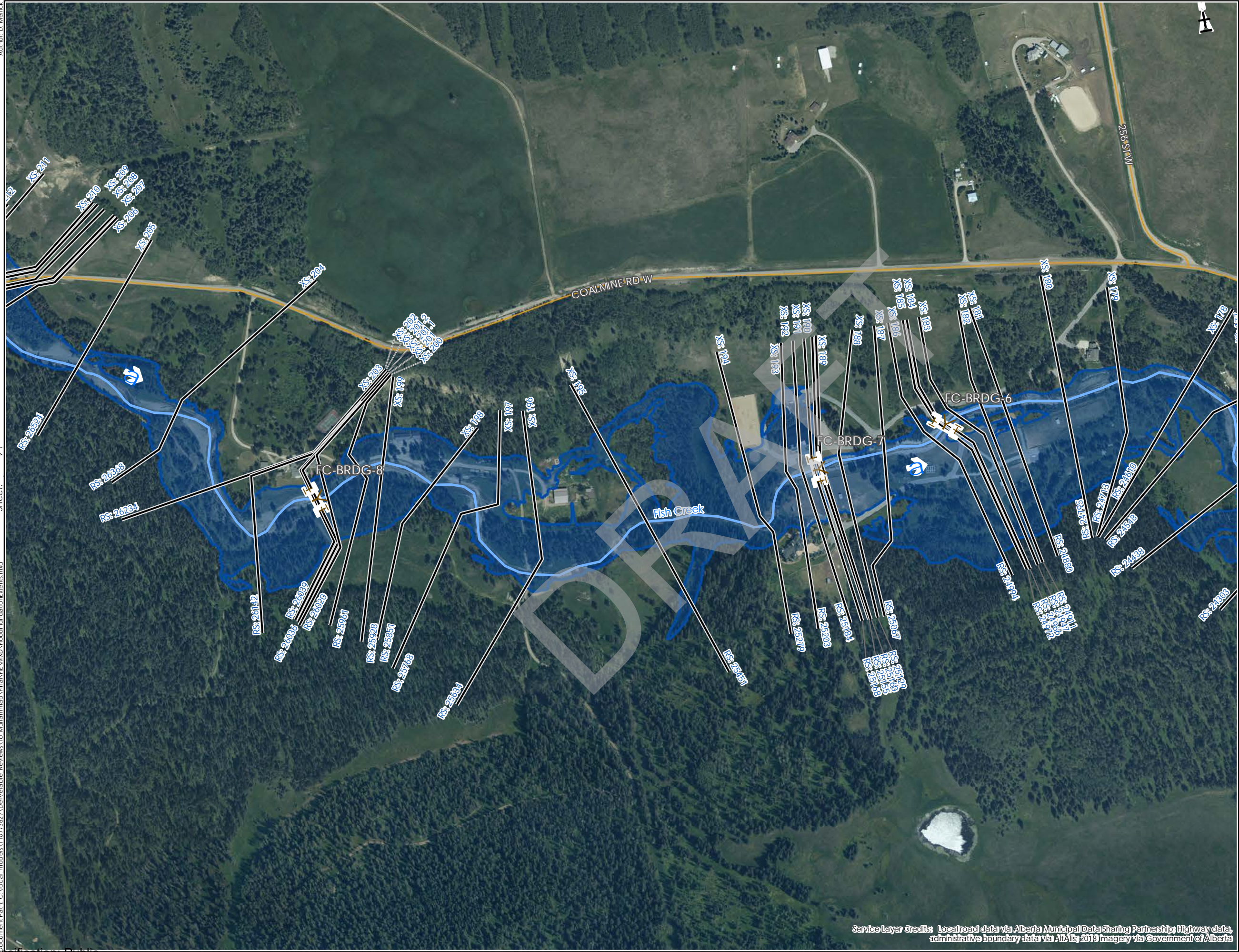
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Metres

Scale
1:5,000

Priddis River Hazard Study		
50-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 9 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AITLis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 50-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 131 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

50-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

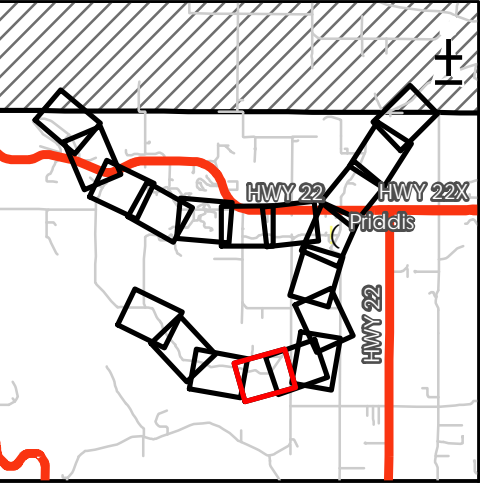
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Project No.
110773627

REV.
A

Date:
20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIda; 2019 Imagery via Government of Alberta



Flood Inundation Extent - 50-year

Flow Direction

Bridge

Culvert

Cross Sections

Creek

Local Road

RS: 123 River Station

Discharge
Fish Creek: 131 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

50-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114

Sheet: 11 of 19

Project No. 110773627

REV. A

Date: 20 October 2021

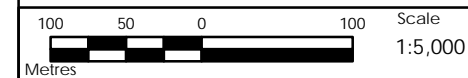
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Classification: Public



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- Legend:
- Flood Inundation Extent - 50-year
 - Flow Direction
 - Culvert
 - Cross Sections
 - Creek
 - Local Road

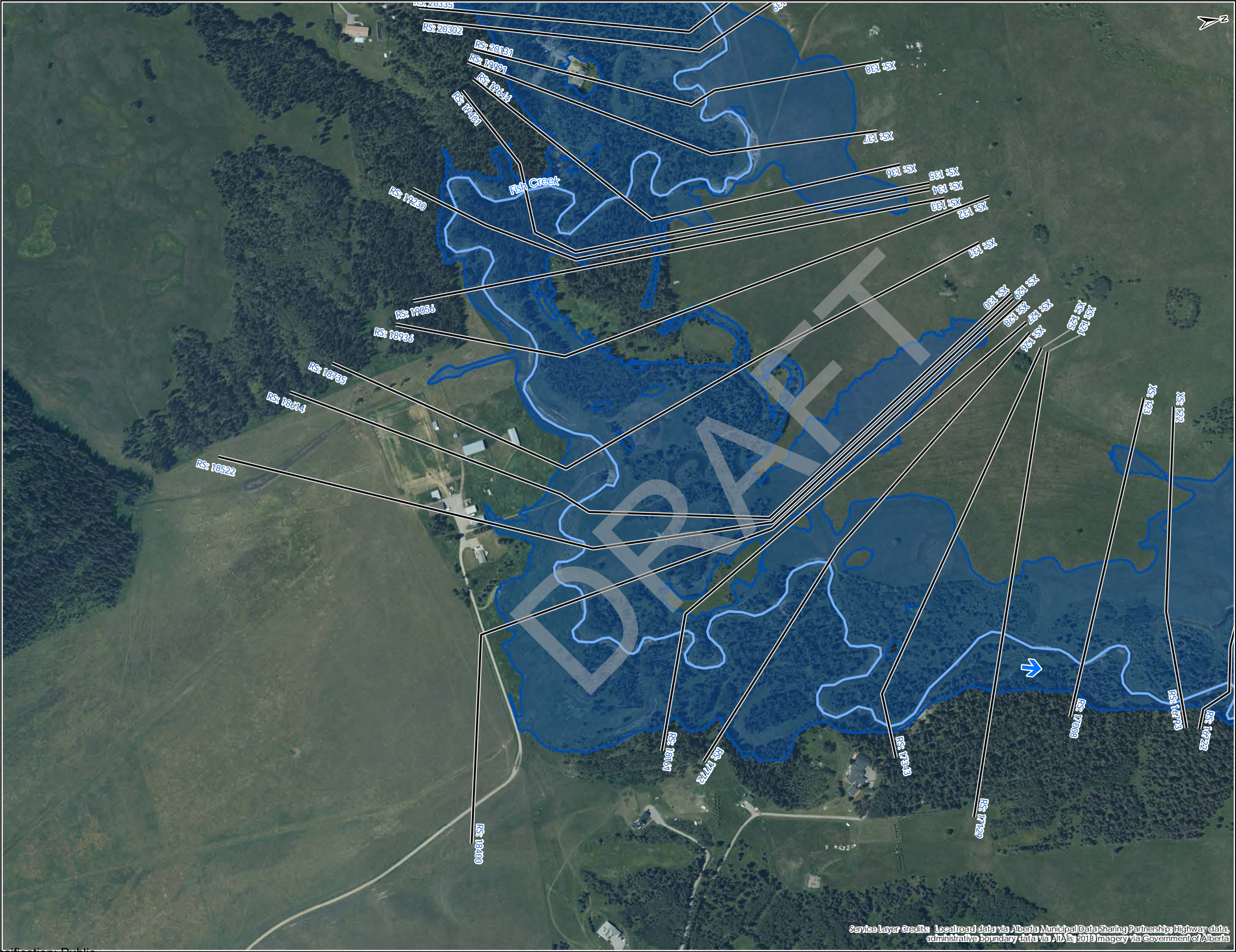
Discharge
Fish Creek: 131 m³/s



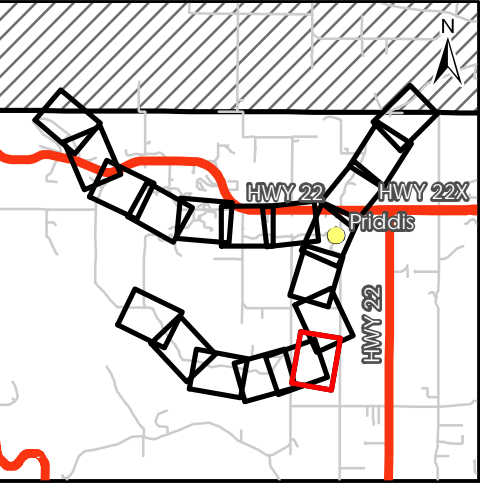
Priddis River Hazard Study

50-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 12 of 19
Project No. 110773627	REV. A	Date: 20 October 2021



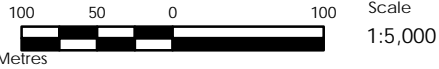
Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIT/Alis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 50-year
- Flow Direction
- Culvert
- Cross Sections
- Creek
- Local Road

RS: 123 River Station

Discharge
Fish Creek: 131 m³/s

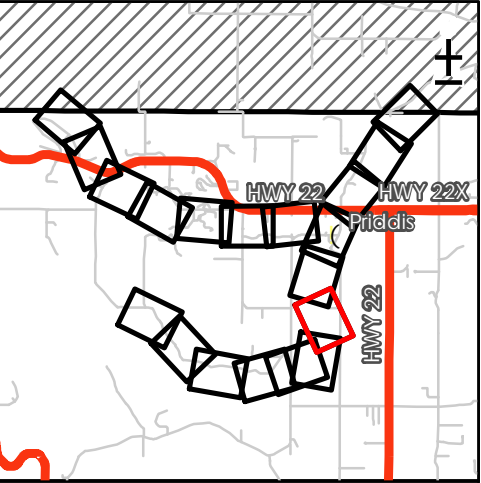


Priddis River Hazard Study
50-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 13 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 50-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 131 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

50-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

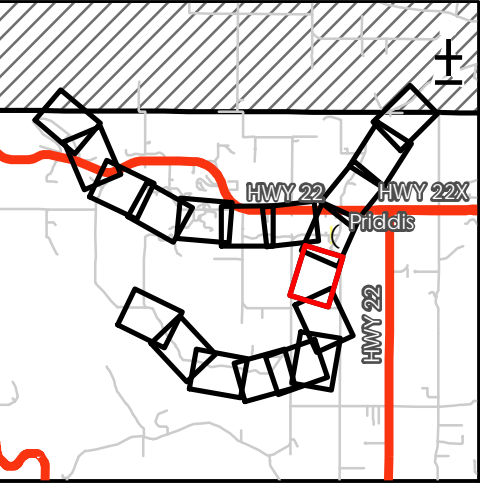
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Project No.
110773627

REV.
A

Date:
20 October 2021

Classification: Public



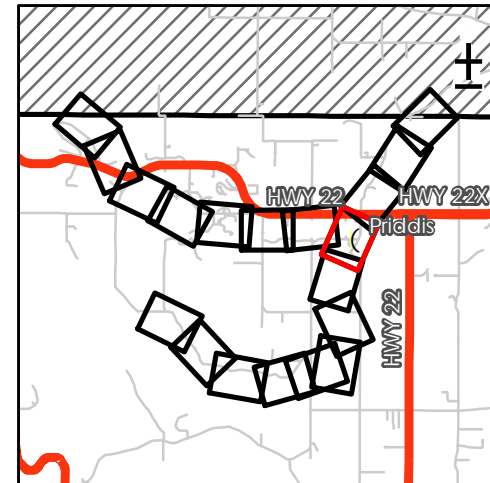
- Flood Inundation Extent - 50-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS: 123 River Station

Discharge
Fish Creek: 131 m³/s

100 50 0 100 Scale
Metres 1:5,000

Priddis River Hazard Study		
50-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 15 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

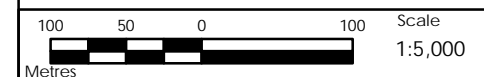
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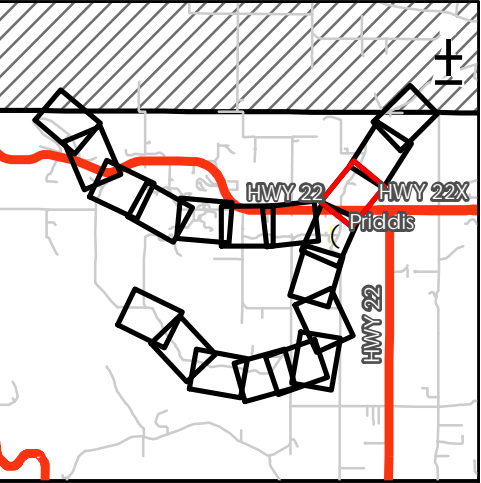
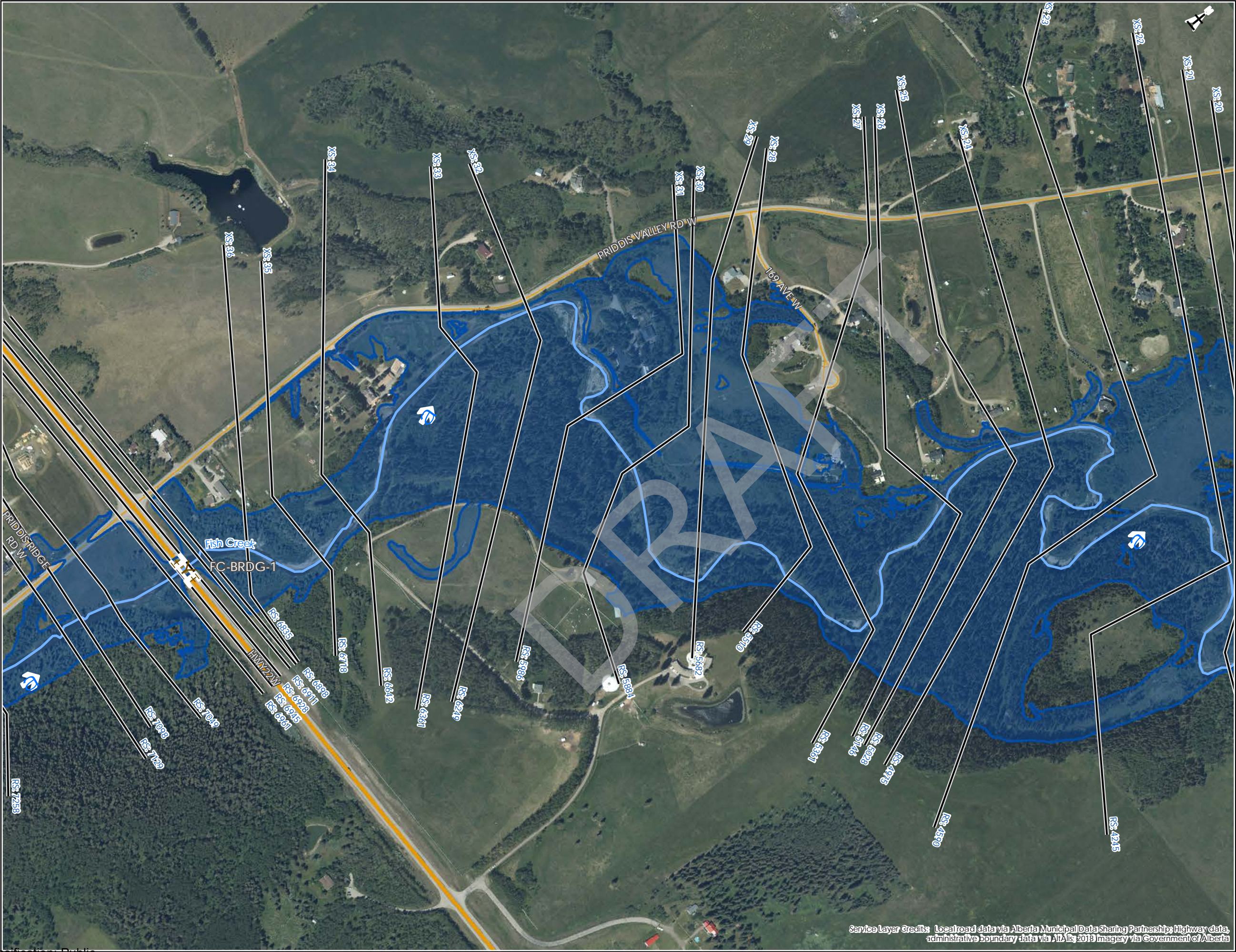
- Legend:

 - Flood Inundation Extent - 50-year
 - Flow Direction
 - Bridge
 - Culvert
 - Cross Sections
 - Creek
 - Major Road
 - Local Road
 - River Station

Discharge
Fish Creek above cross section 56: 131 m³/s
Fish Creek below cross section 56: 230 m³/s
Priddis Creek: 99 m³/s

Priddis River Hazard Study
50-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 16 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Flood Inundation Extent - 50-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123 River Station

Discharge
Fish Creek: 230 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

50-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
17 of 19

Project No.
110773627

REV.
A

Date:
20 October 2021

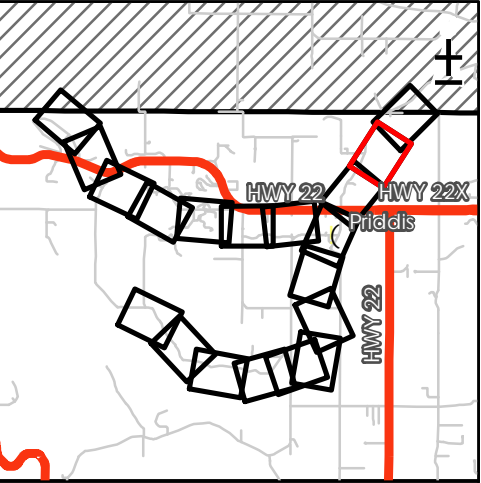
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Classification: Public

Author: D. Merrick
Sheet: 17 ?
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Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via AltaLis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 50-year

Flow Direction

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 230 m³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study

50-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114

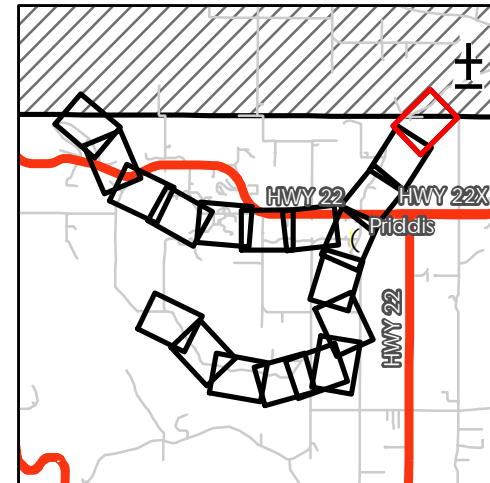
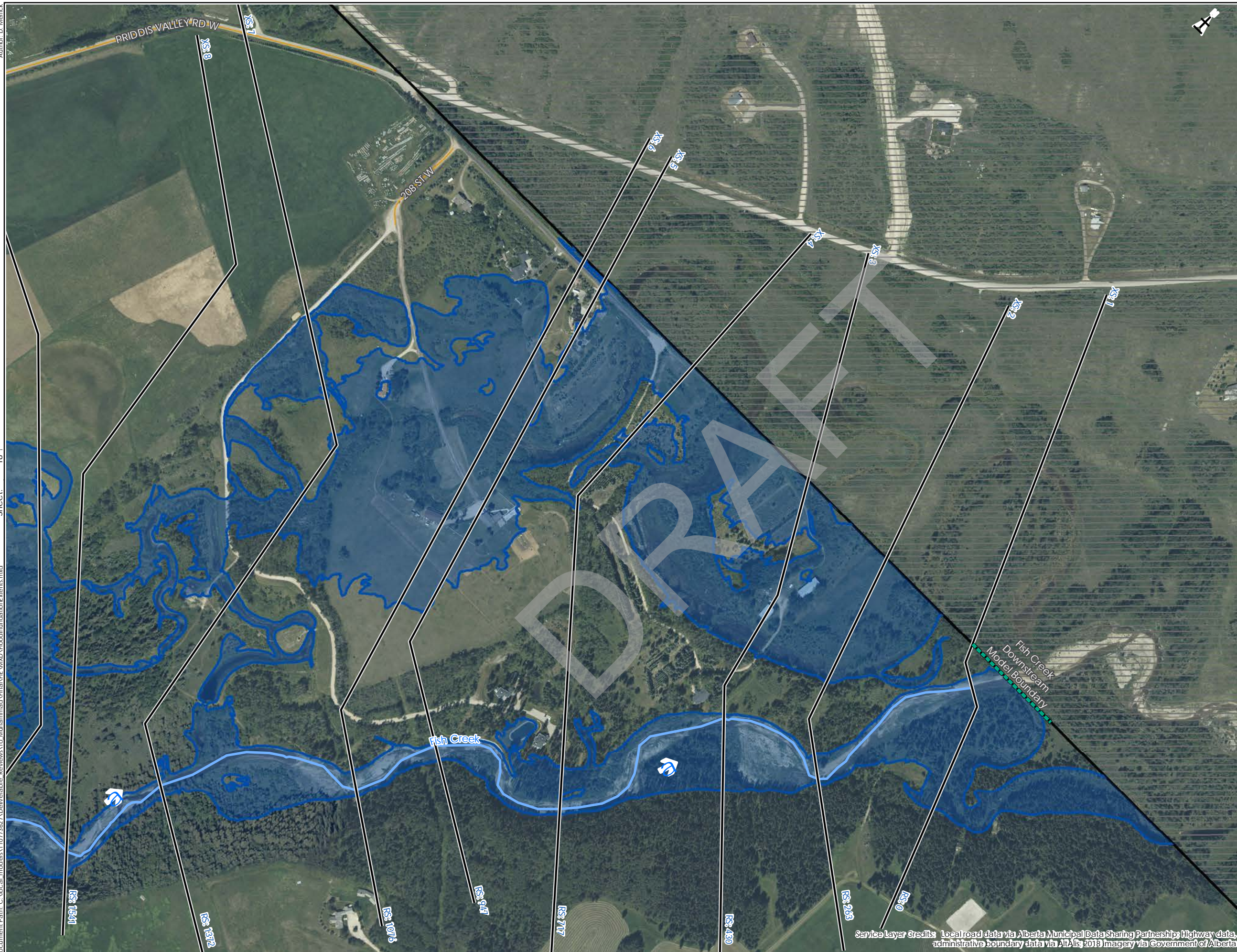
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




Project No. 110773627

REV. A

Date: 20 October 2021

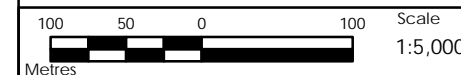
Classification: Public



- Legend:
-  Flood Inundation Extent - 50-year
 -  Flow Direction
 -  Cross Sections
 -  Creek
 -  Local Road
 -  Tsuut'ina Nation

RS:123 River Station

Discharge
Fish Creek: 230 m³/s



Priddis River Hazard Study

50-Year Flood Inundation Extent

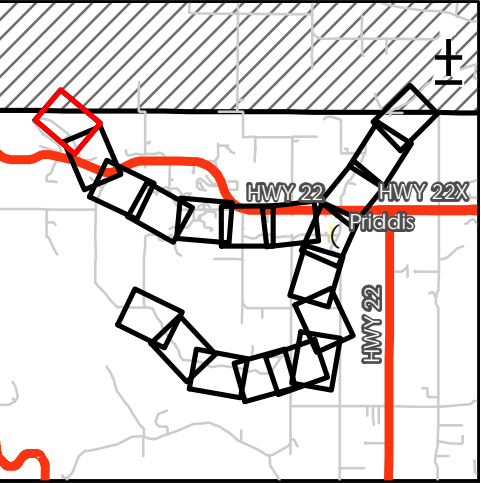
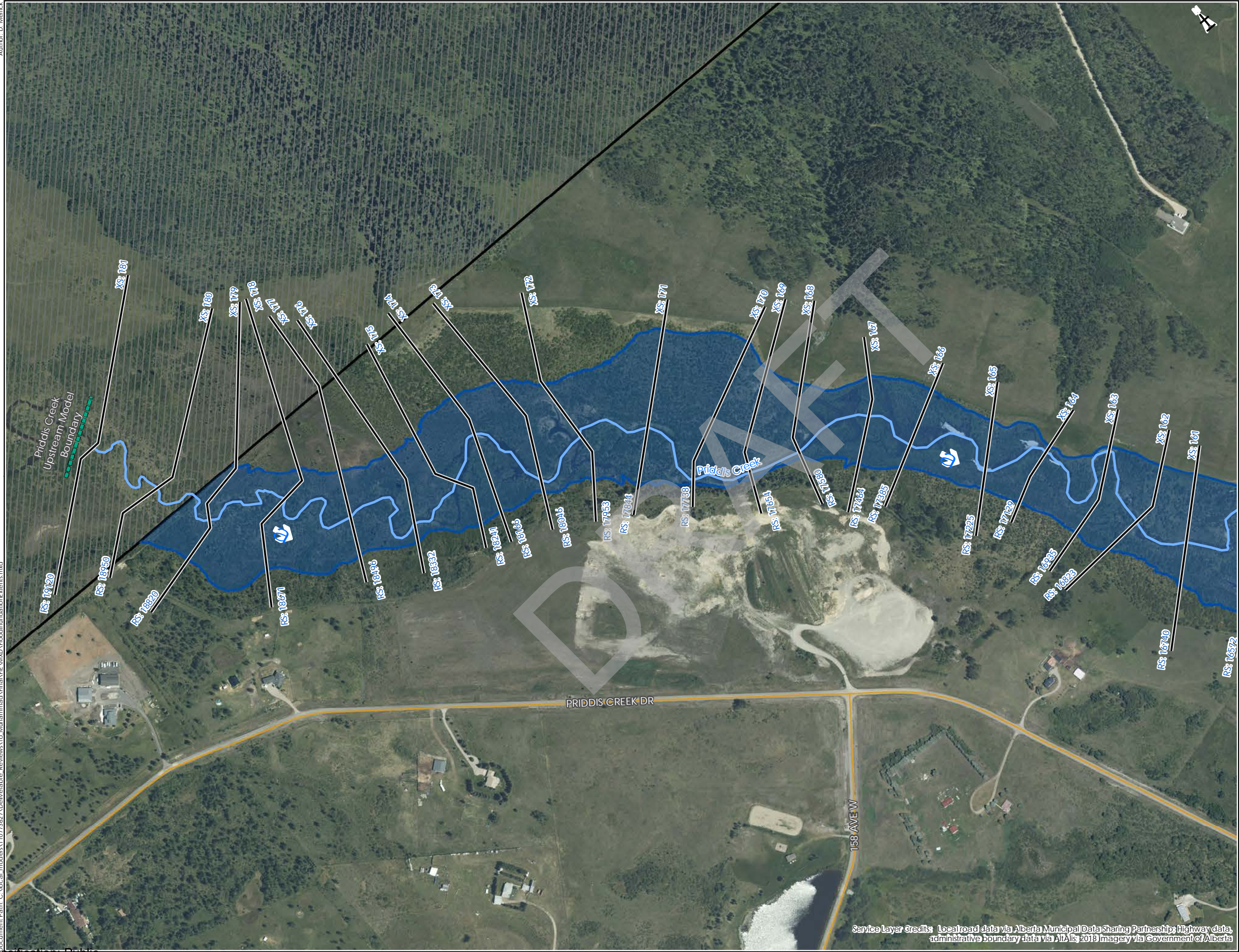
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MA	JB	MW

Spatial Ref: NAD 1983 CSRS 3TM 114 Sheet: 19 of 19

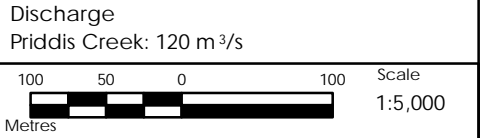
Project No.	REV.	Date:
110773627	A	20 October 2021

75-year Flood Inundation Extent (Sheets 1 to 19)

DRAFT

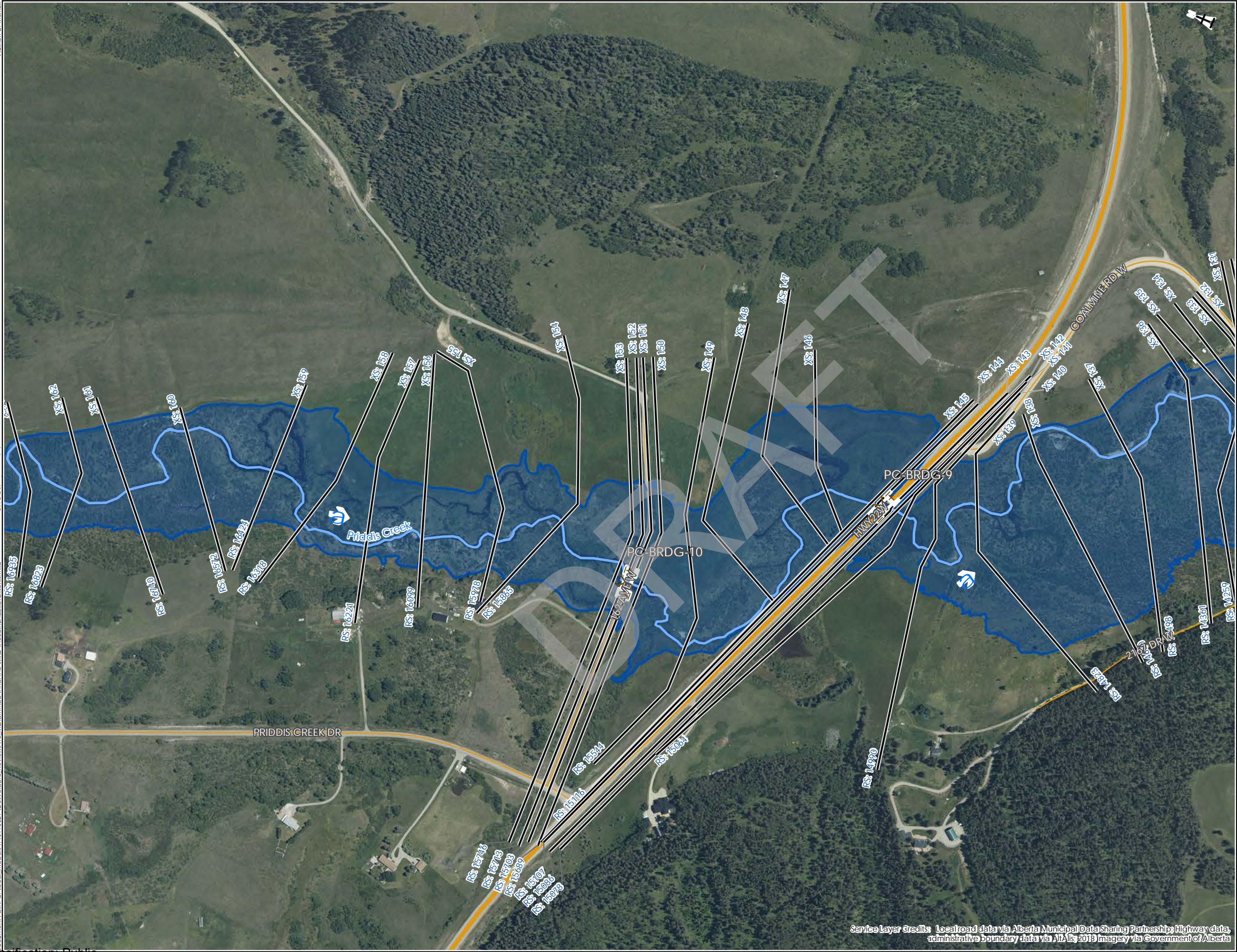


- Sheet: 2 ?
- Flood Inundation Extent - 75-year
 - Flow Direction
 - Cross Sections
 - Creek
 - Major Road
 - Local Road
 - Tsuut'ina Nation
 - RS:123 River Station

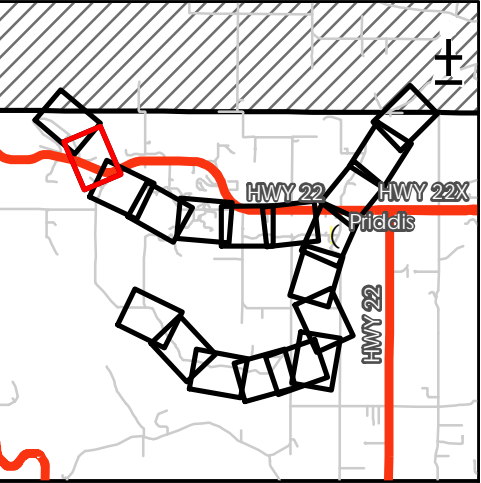


Priddis River Hazard Study		
75-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 1 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

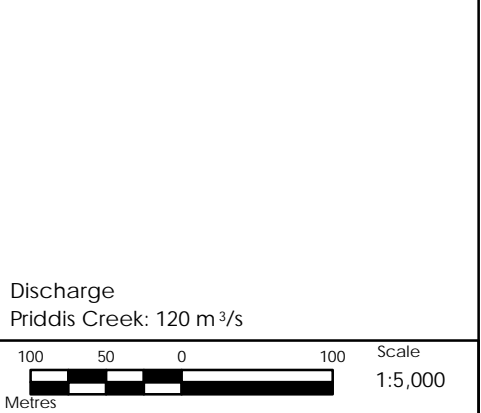
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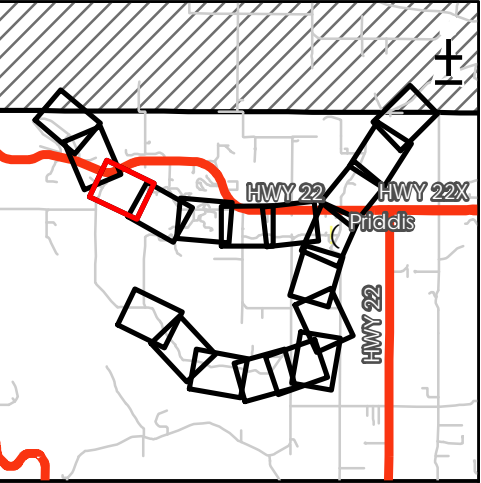
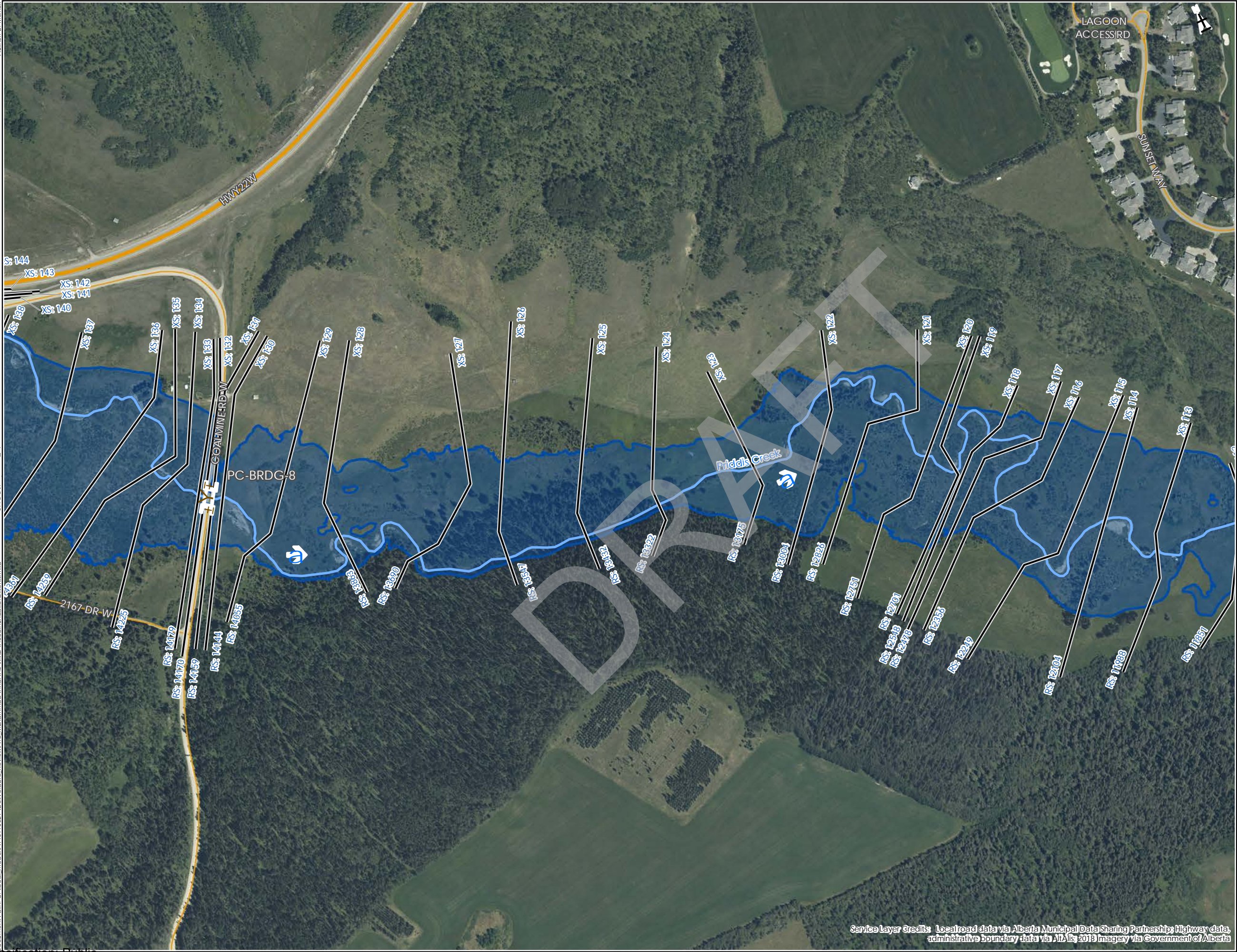
Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 75-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Major Road
- Local Road
- RS:123 River Station



Priddis River Hazard Study		
75-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 2 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



- Flood Inundation Extent - 75-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Major Road
- Local Road
- RS: 123 River Station

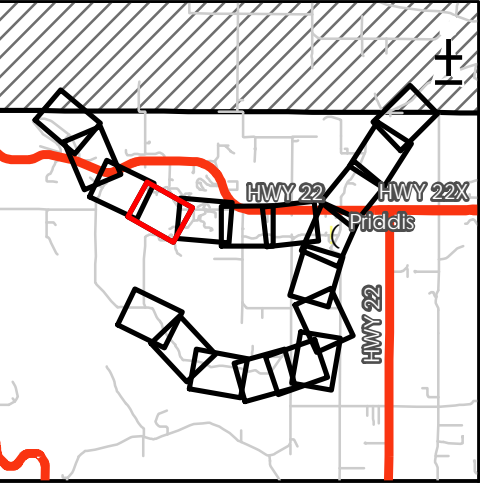
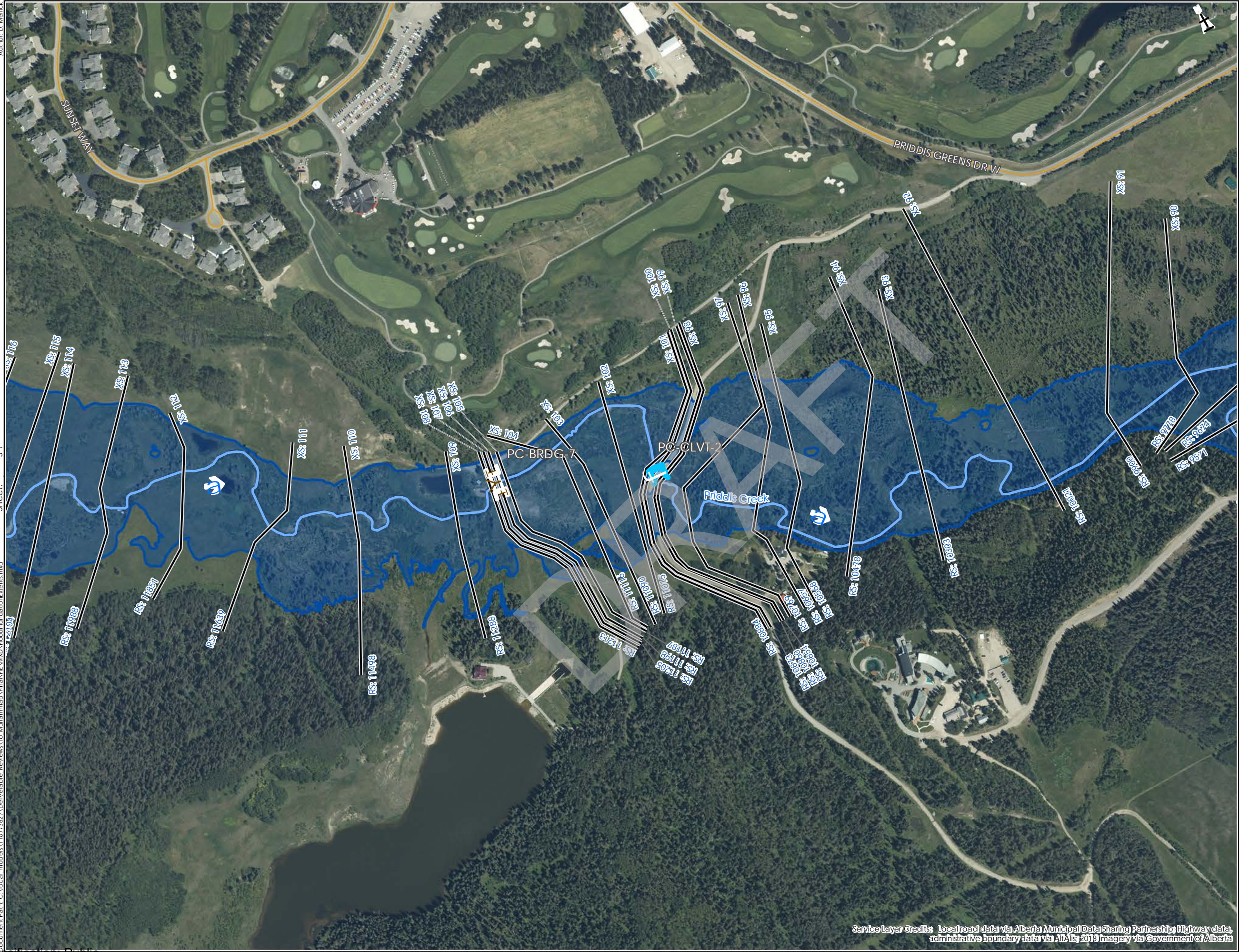
Discharge
Priddis Creek: 120 m³/s

100 50 0 100 Scale
Metres 1:5,000

Priddis River Hazard Study		
75-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 3 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA's 2018 Imagery via Government of Alberta

Author: D. Merrick
Sheet: 3 ?
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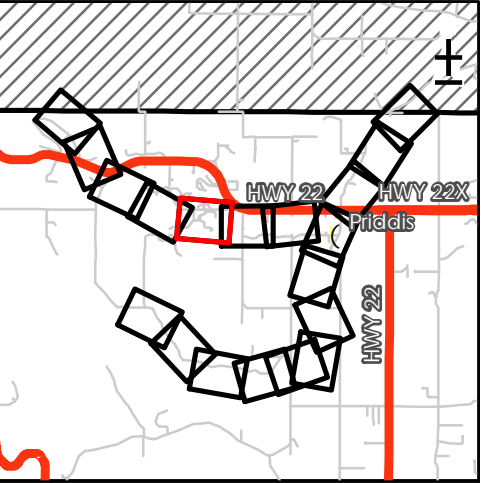
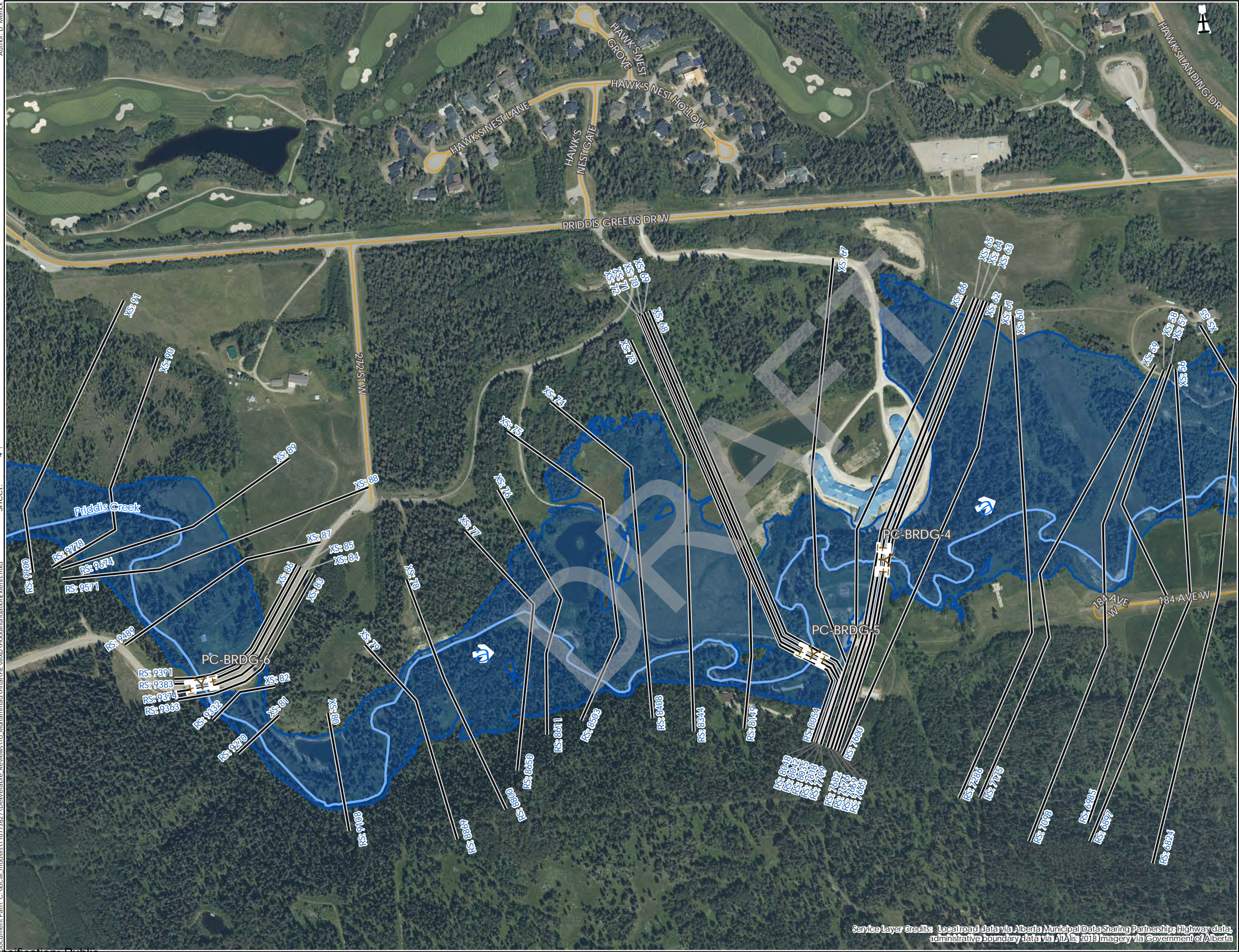
- Flood Inundation Extent - 75-year
- Flow Direction
- Bridge
- Culvert
- Cross Sections
- Creek
- Local Road
- RS: 123 River Station

Discharge
Priddis Creek: 120 m³/s

100 50 0 100 Scale
Metres 1:5,000

Priddis River Hazard Study		
75-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 4 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA's 2019 Imagery via Government of Alberta



Flood Inundation Extent - 75-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123

River Station

Discharge
Priddis Creek: 120 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

75-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
5 of 19

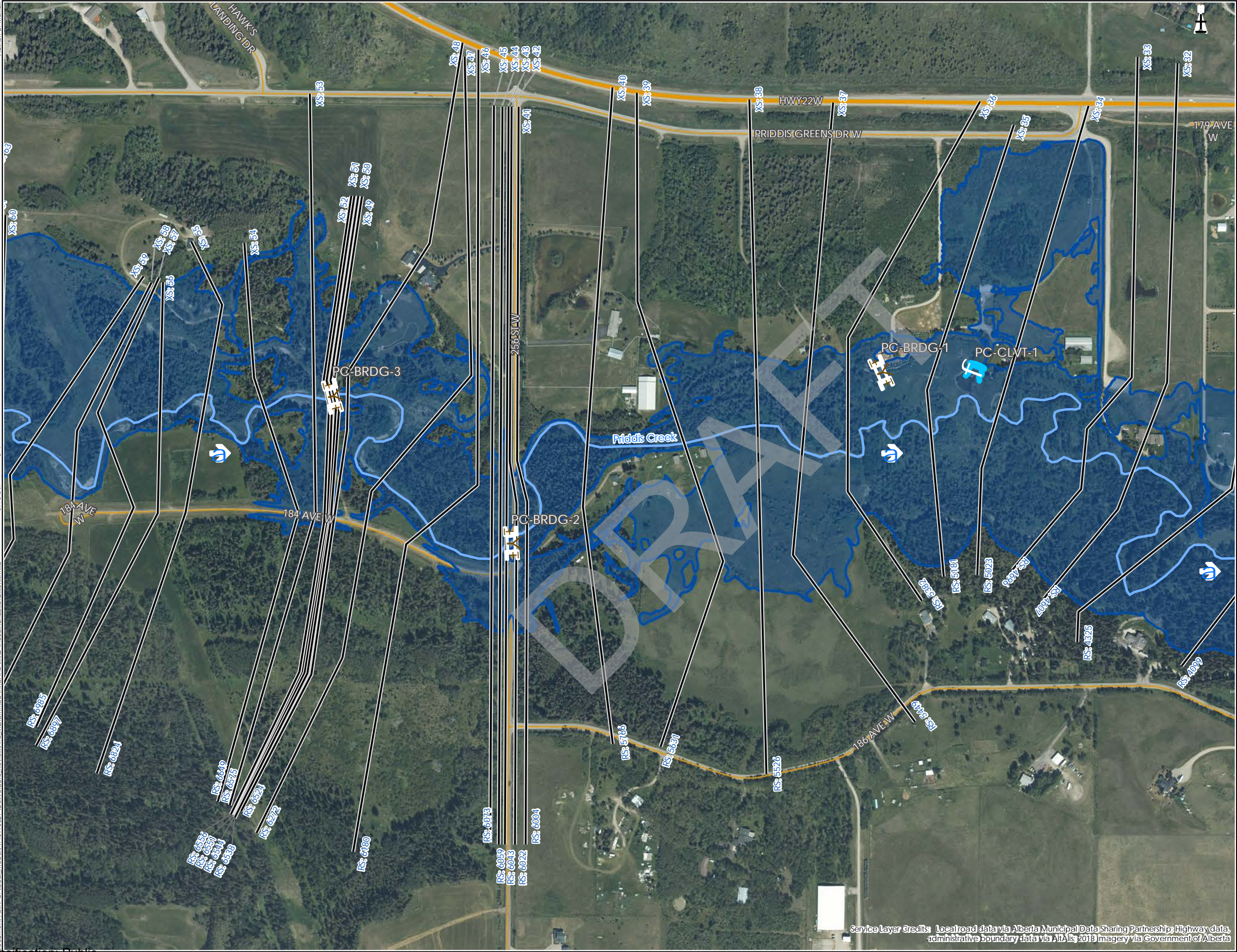
Project No.
110773627

REV.
A

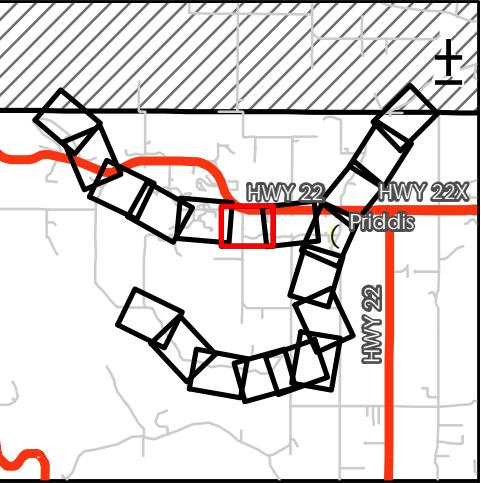
Date:
20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA; 2018 imagery via Government of Alberta

Author: D. Merrick
Sheet: 5 ?
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Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 75-year

Flow Direction

Bridge

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123 River Station

Discharge
Priddis Creek: 120 m³/s

100500100

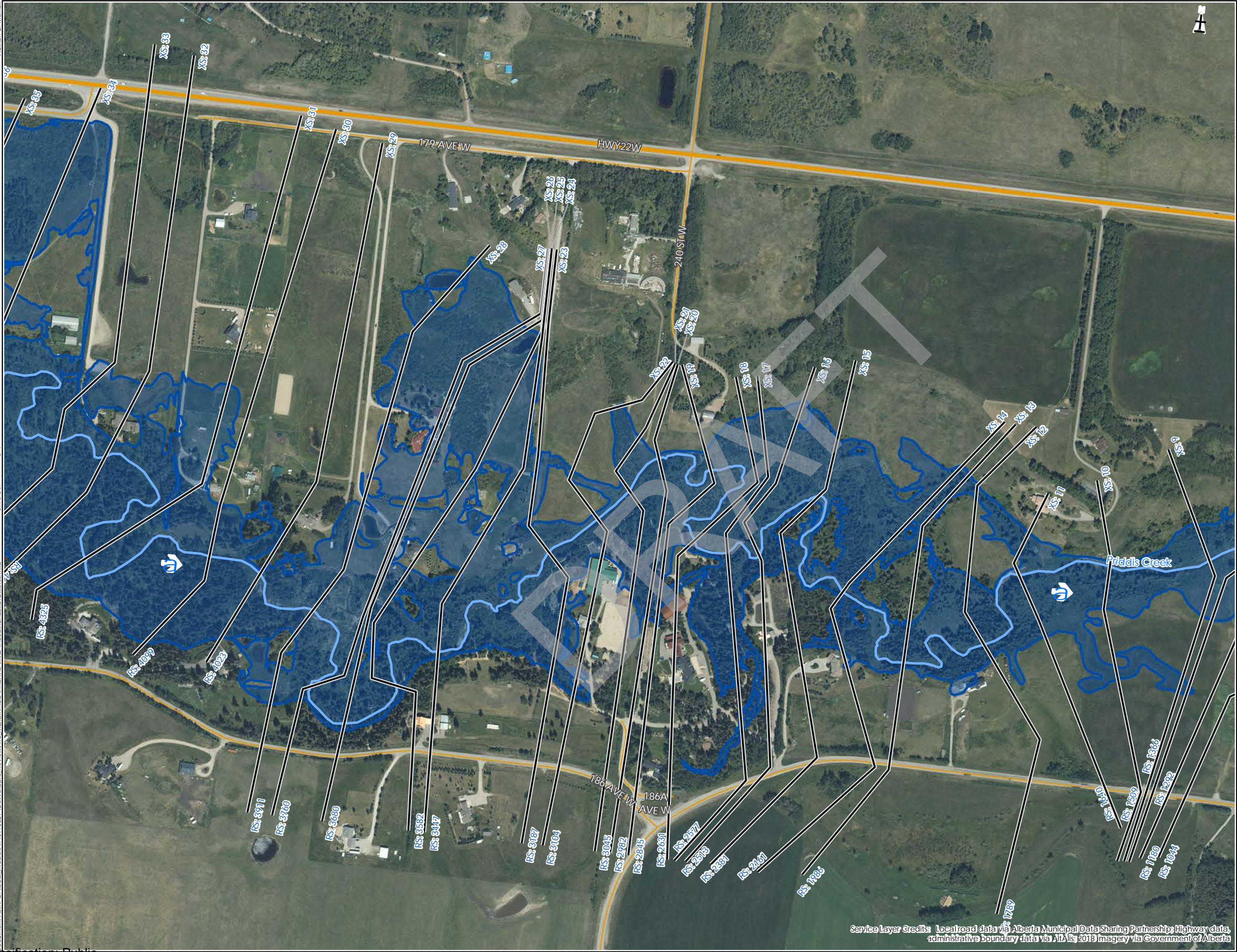
Metres

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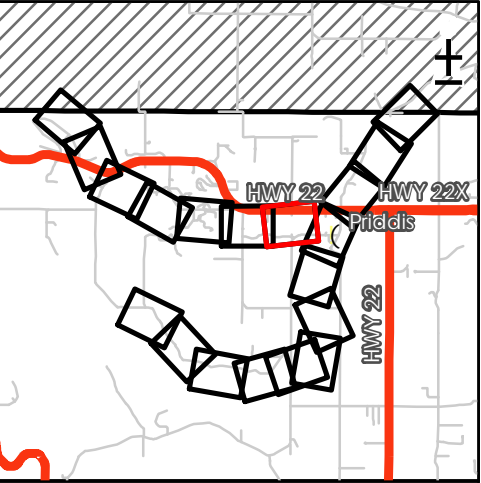
Priddis River Hazard Study

75-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 6 of 19
Project No. 110773627	REV. A	Date: 20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 75-year

Flow Direction

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123

River Station

Discharge
Priddis Creek: 120 m³/s

100

50

0

100

Metres

Scale
1:5,000

Priddis River Hazard Study

75-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
7 of 19

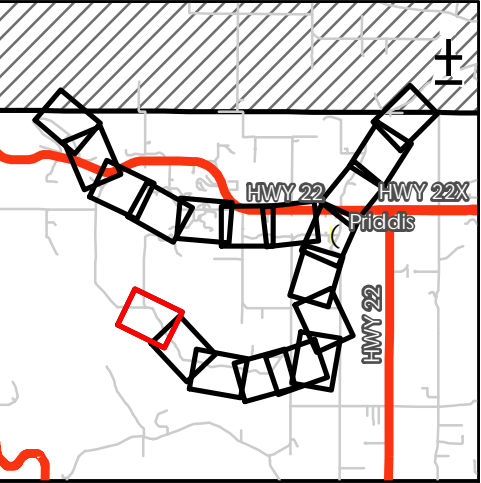
Project No.
110773627

REV.
A

Date:
20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via AIT/Alis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 75-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 160 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

75-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

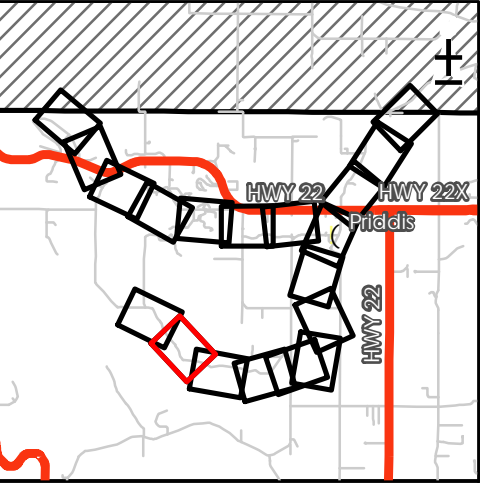
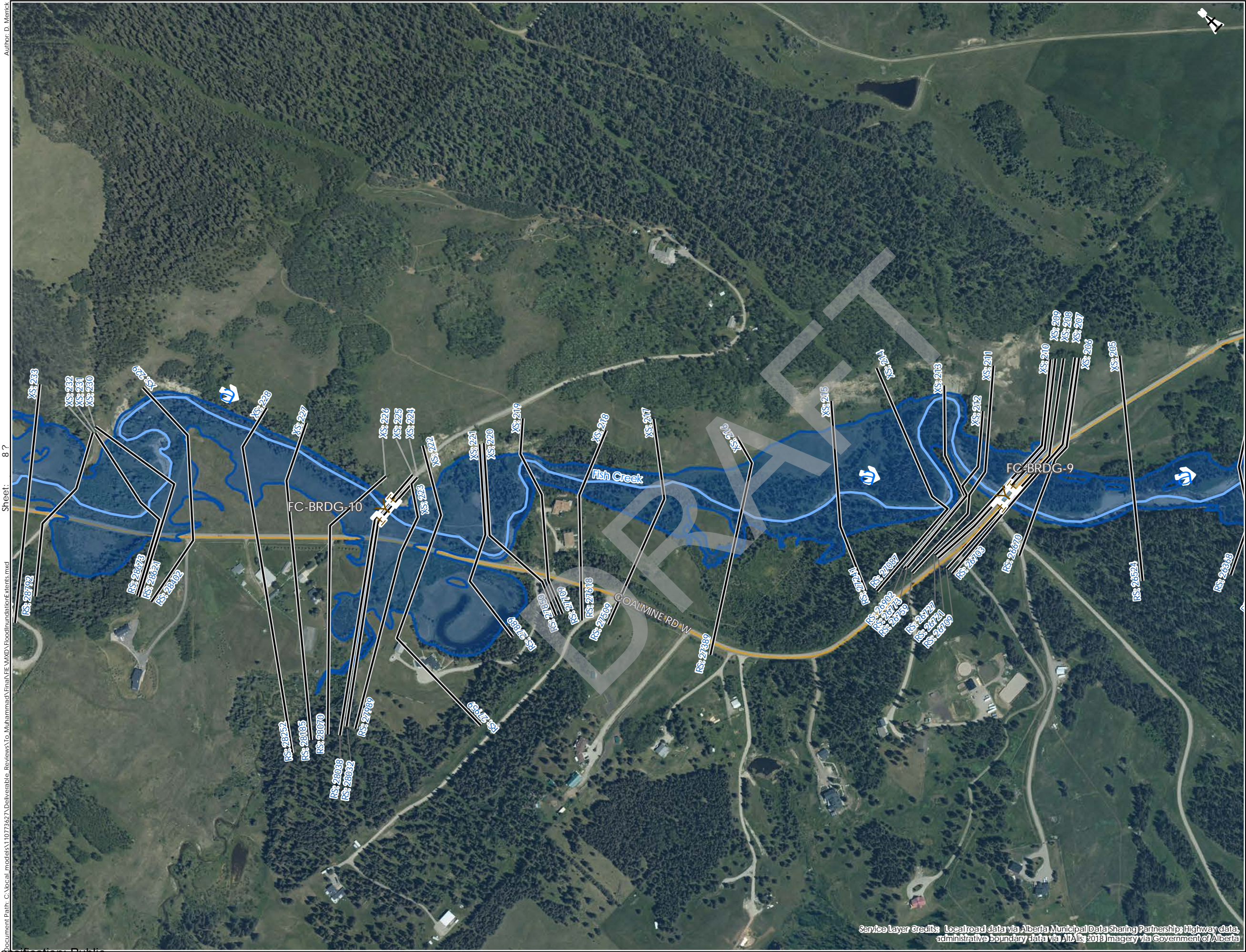
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8 of 19

Project No.
110773627

REV.
A

Date:
20 October 2021

Classification: Public



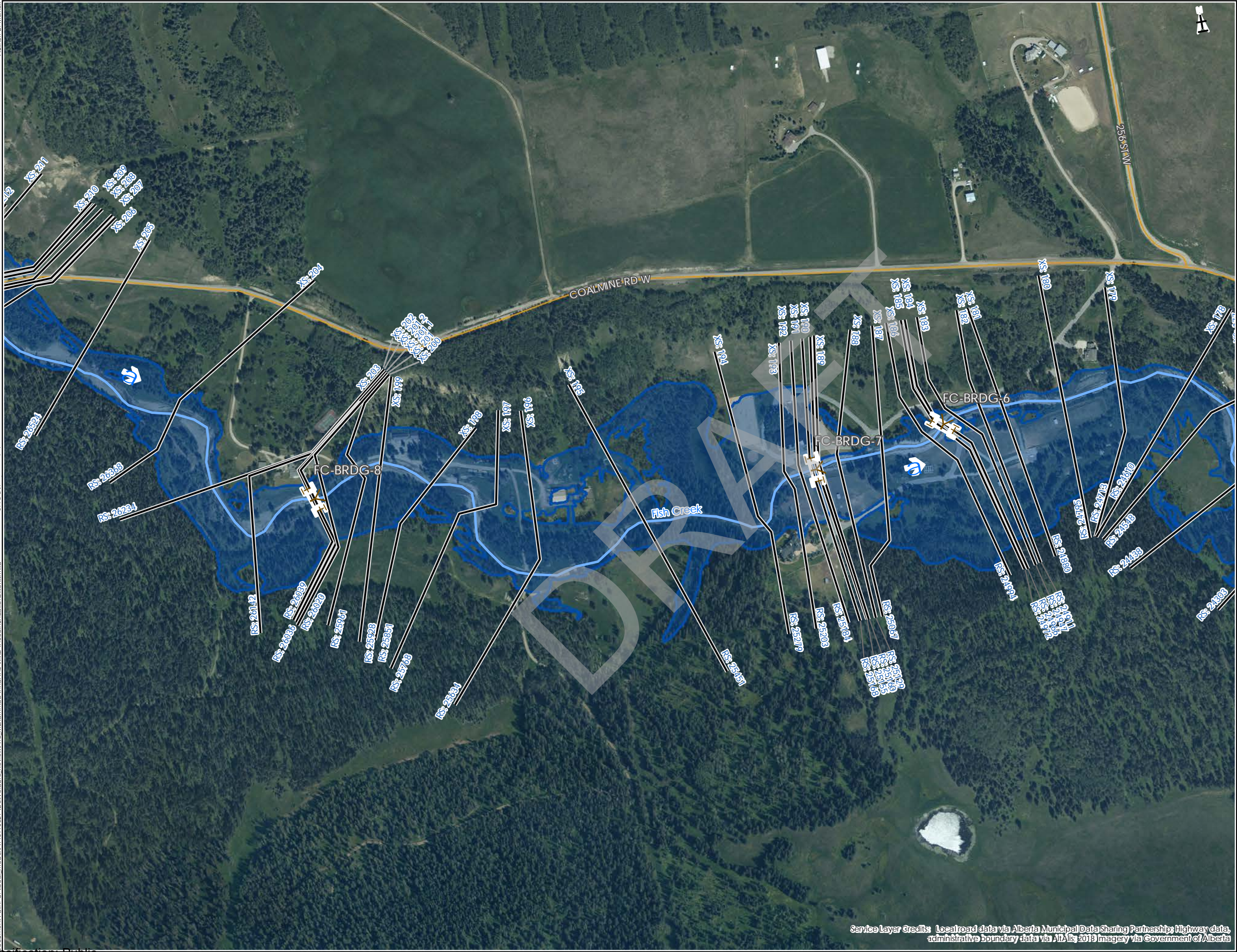
- Flood Inundation Extent - 75-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS:123 River Station

Discharge
Fish Creek: 160 m³/s

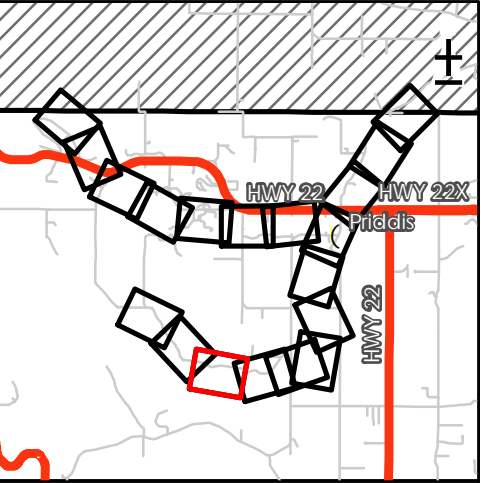
100 50 0 100 Scale
Metres 1:5,000

Priddis River Hazard Study		
75-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 9 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AITLis 2018 Imagery via Government of Alberta



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIdalis 2019 Imagery via Government of Alberta



Flood Inundation Extent - 75-year

Flow Direction

Bridge

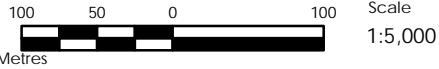
Cross Sections

Creek

Local Road

River Station

Discharge
Fish Creek: 160 m³/s



Priddis River Hazard Study
75-Year Flood Inundation Extent

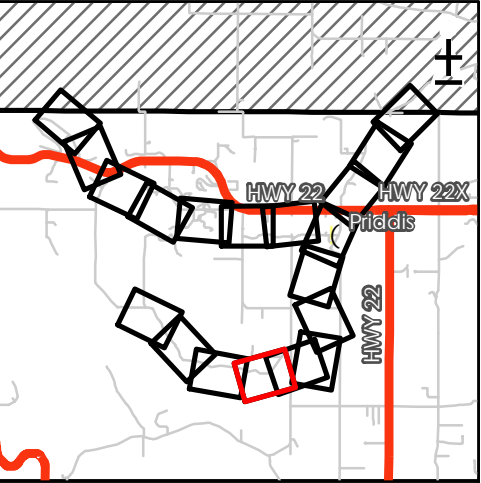
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Spatial Ref: NAD 1983 CSRS 3TM 114 Sheet: 10 of 19

Project No. 110773627 REV. A Date: 20 October 2021

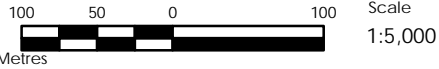


Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



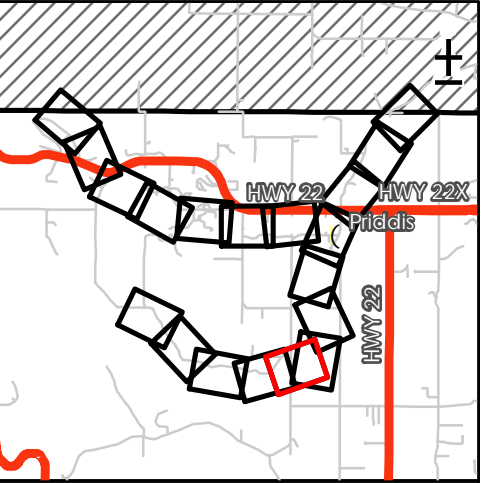
- Flood Inundation Extent - 75-year
- Flow Direction
- Bridge
- Culvert
- Cross Sections
- Creek
- Local Road
- RS: 123 River Station

Discharge
Fish Creek: 160 m³/s



Priddis River Hazard Study
75-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 11 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

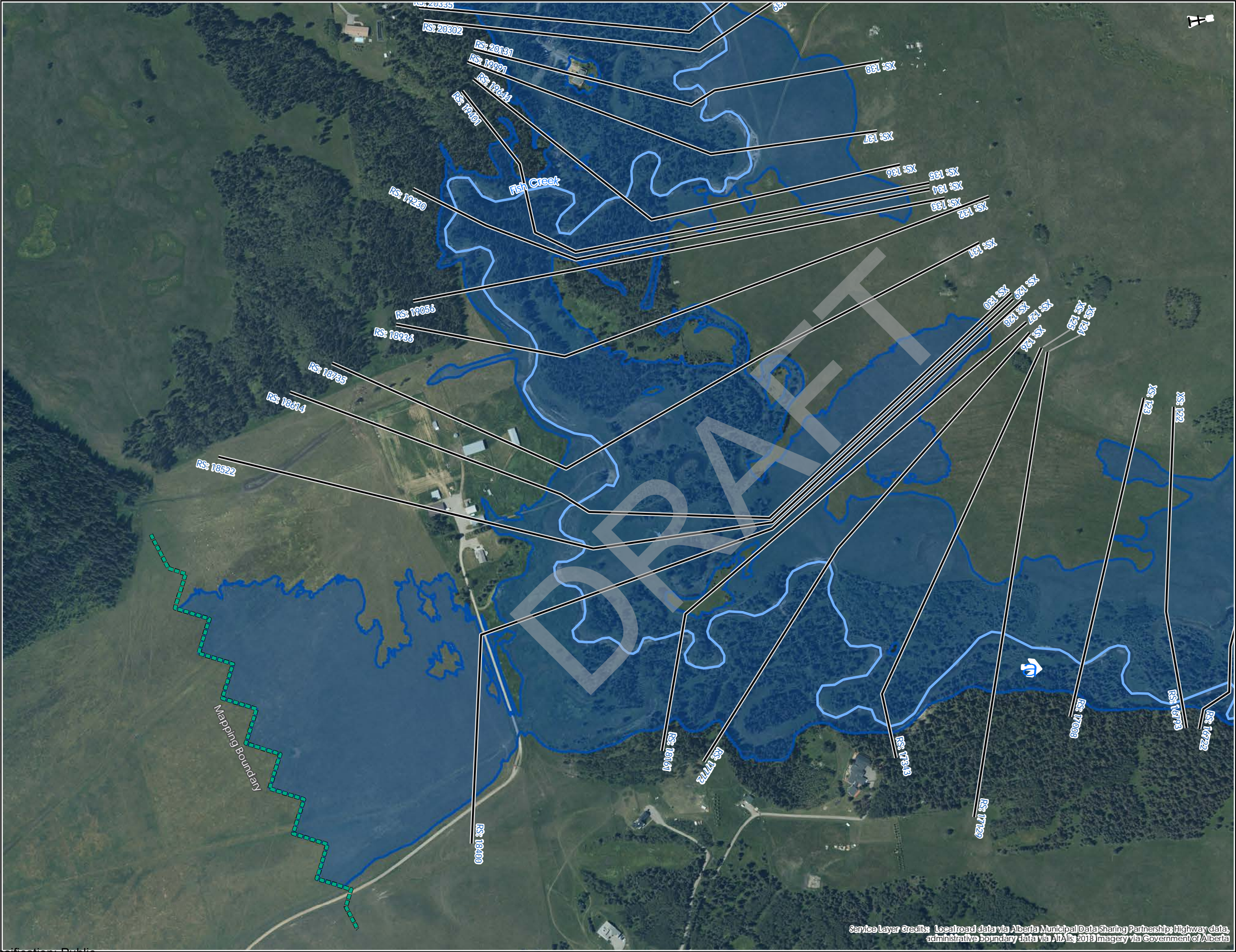


- Flood Inundation Extent - 75-year
- Flow Direction
- Culvert
- Cross Sections
- Creek
- Local Road
- RS:123 River Station

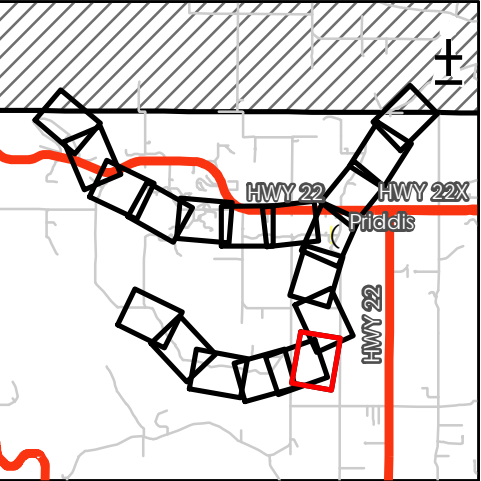
Discharge
Fish Creek: 160 m³/s

100 50 0 100 Scale
Metres 1:5,000

Priddis River Hazard Study		
75-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 12 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

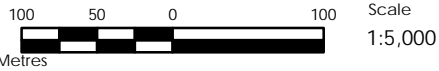


Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AITLis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 75-year
- Flow Direction
- Culvert
- Cross Sections
- Creek
- Local Road
- RS:123 River Station

Discharge
Fish Creek: 160 m³/s

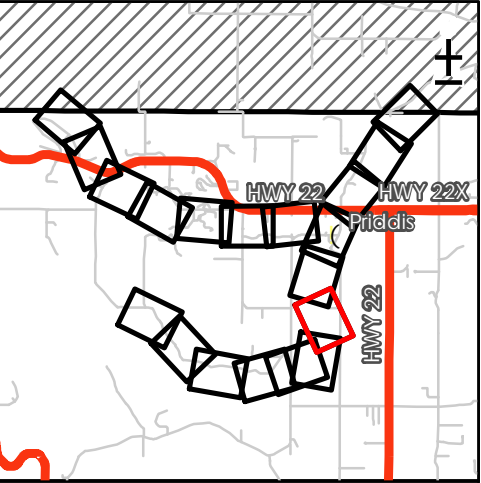


Priddis River Hazard Study
75-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 13 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

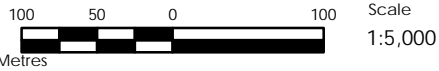


Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 75-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS:123 River Station

Discharge
Fish Creek: 160 m³/s



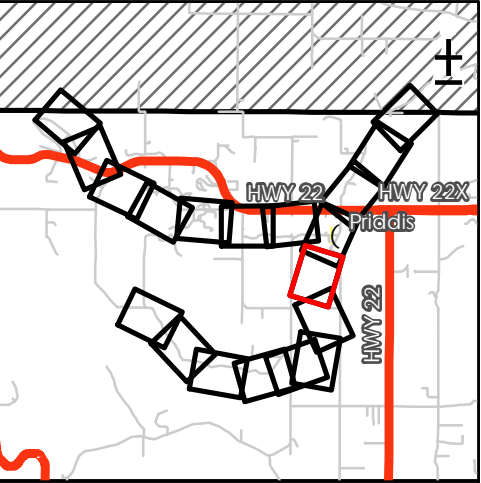
Priddis River Hazard Study

75-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 14 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 75-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 160 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

75-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
15 of 19

Project No.
110773627

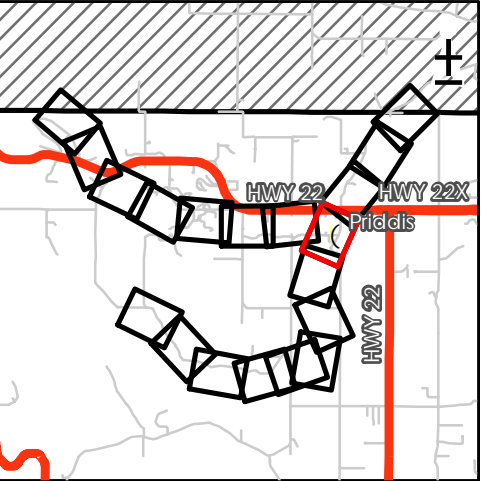
REV.
A



Date:
20 October 2021


Classification: Public





Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta








 Flood Inundation Extent - 75-year

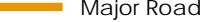
 Flow Direction

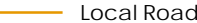
 Bridge

 Culvert

 Cross Sections

 Creek

 Major Road

 Local Road

RS: 123

 River Station

Discharge

Fish Creek above cross section 56: 160 m³/s

Fish Creek below cross section 56: 280 m³/s

Priddis Creek: 120 m³/s

100

50

0

100

Metres

Scale

1:5,000

Priddis River Hazard Study

75-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

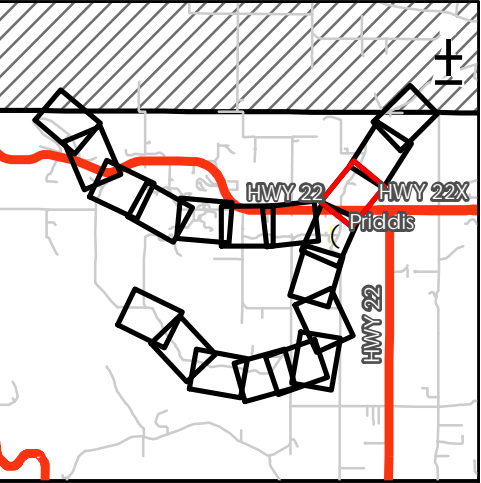
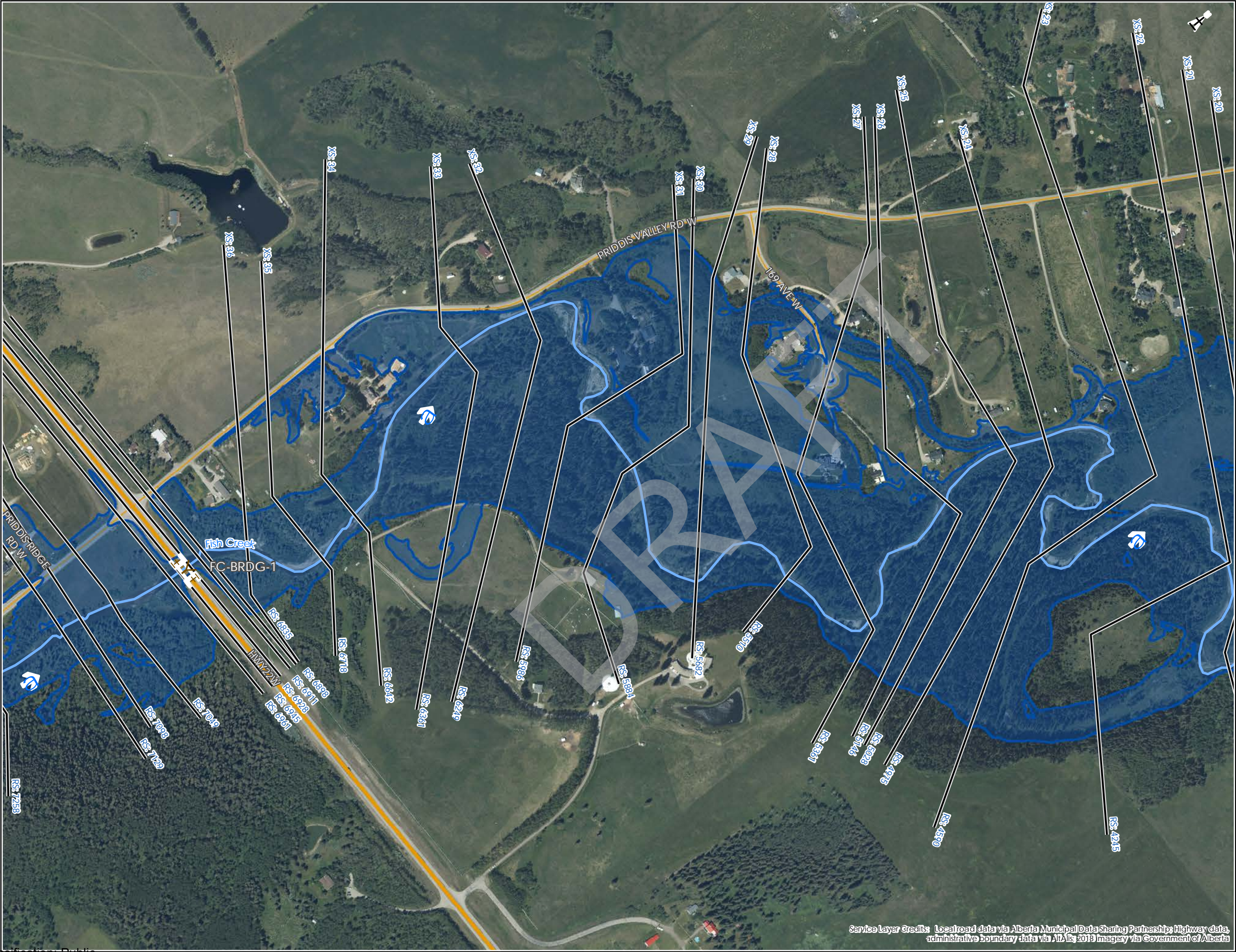
Spatial Ref: NAD 1983 CSRS 3TM 114

Sheet: 16 of 19

Project No. 110773627

REV. A

Date: 20 October 2021



Flood Inundation Extent - 75-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123 River Station

Discharge
Fish Creek: 280 m³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study

75-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114

Sheet: 17 of 19

Project No. 110773627

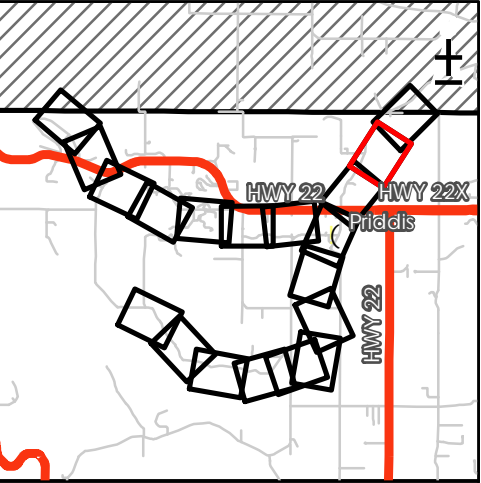
REV. A

Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AltaLis 2018 Imagery via Government of Alberta



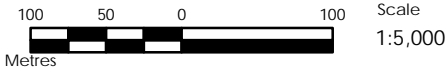
Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via AltaLis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 75-year
- Flow Direction
- Cross Sections
- Creek
- Local Road

RS:123 River Station

Discharge
Fish Creek: 280 m³/s



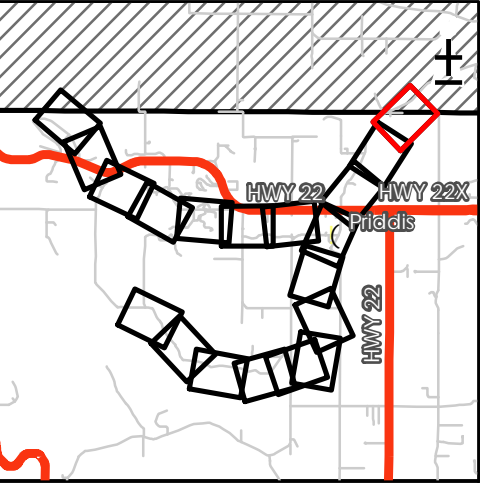
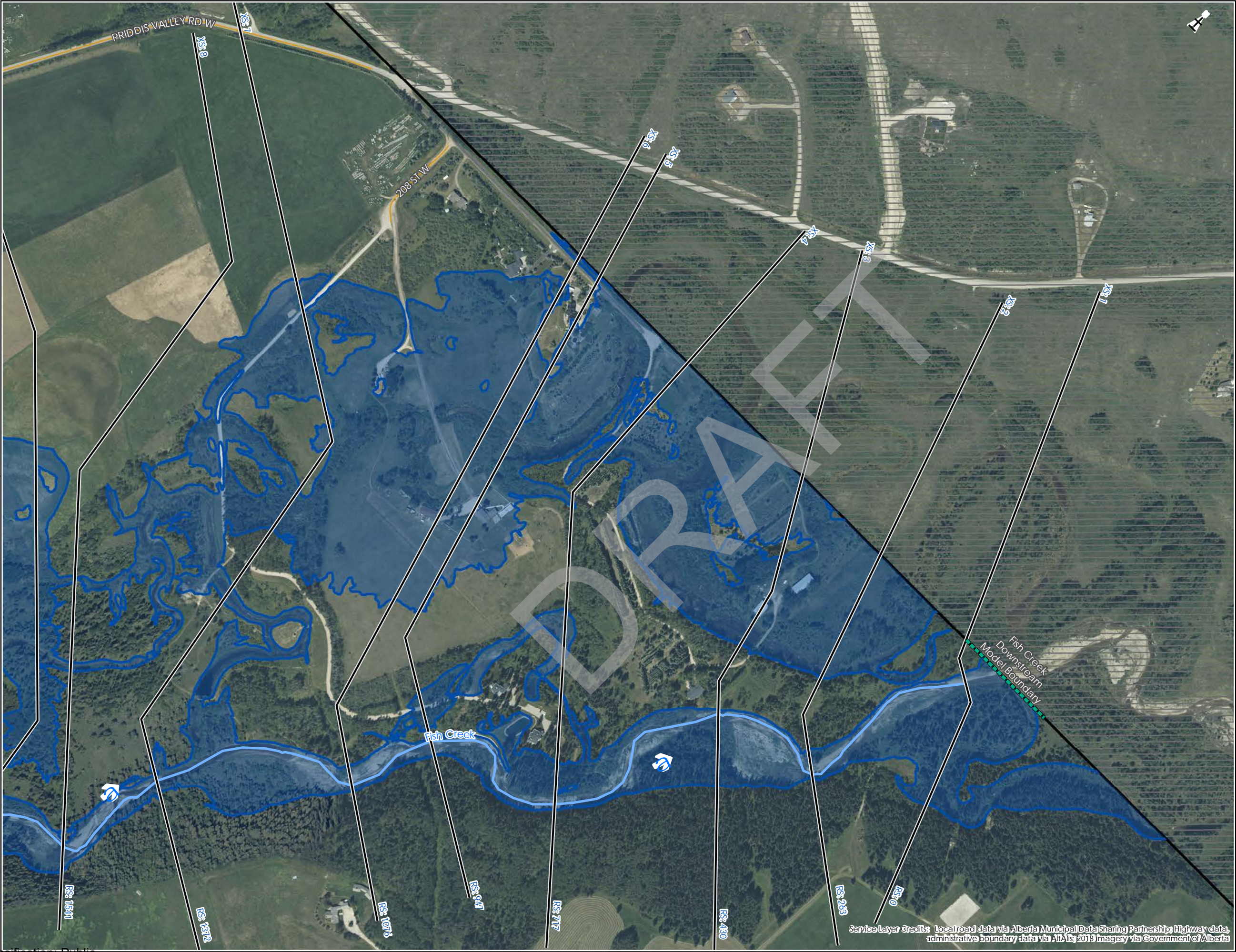
Priddis River Hazard Study

75-Year Flood Inundation Extent

GIS: MA QA/QC: JB Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114 Sheet: 18 of 19

Project No. 110773627 REV. A Date: 20 October 2021



- Flood Inundation Extent - 75-year
- Flow Direction
- Cross Sections
- Creek
- Local Road
- Tsuut'ina Nation
- RS:123 River Station

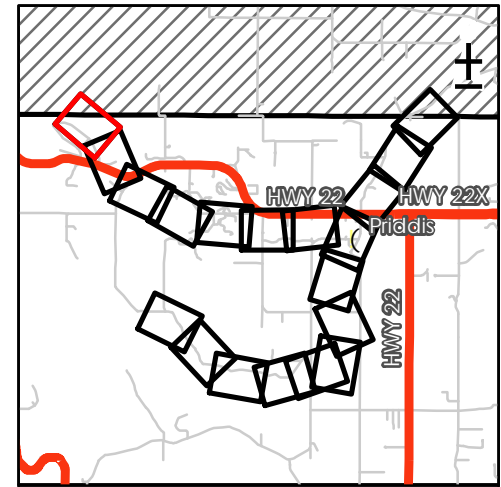
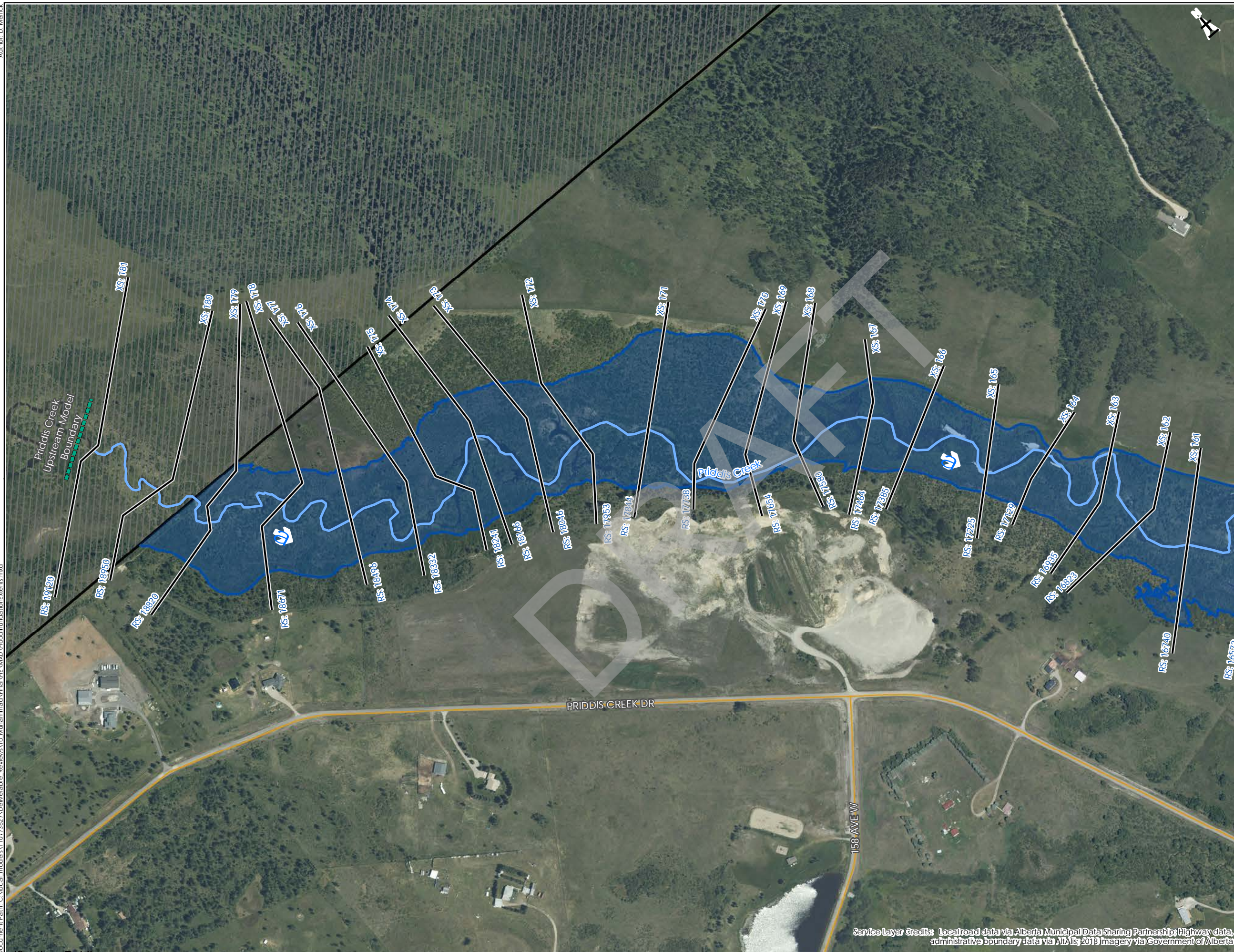
Discharge
Fish Creek: 280 m³/s

100 50 0 100 Scale
Metres 1:5,000

Priddis River Hazard Study		
75-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 19 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

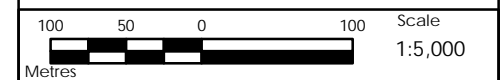
100-year Flood Inundation Extent (Sheets 1 to 19)

DRAFT



-
- Legend:
- Flood Inundation Extent - 100-year
 - Flow Direction
 - Cross Sections
 - Creek
 - Major Road
 - Local Road
 - Tsuut'ina Nation
 - RS:123 River Station

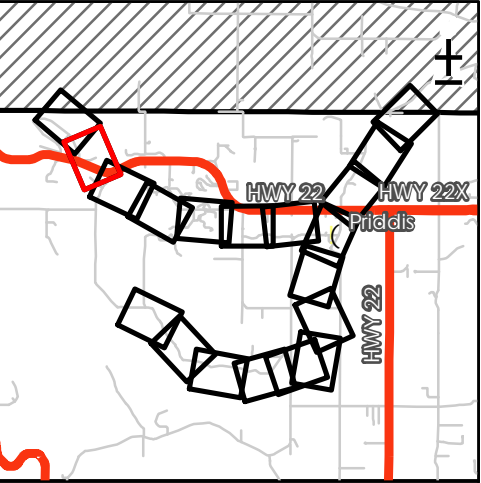
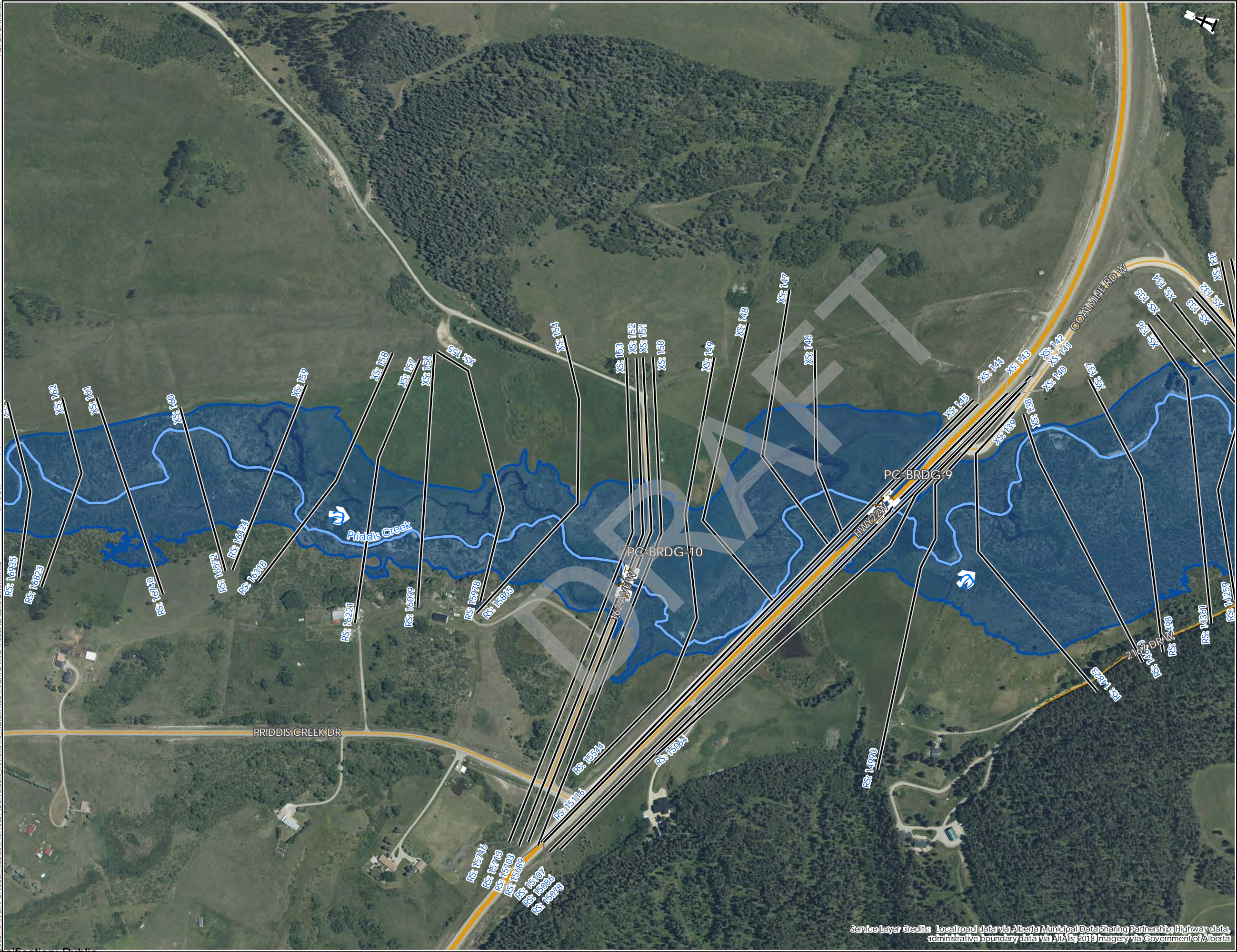
Discharge
Priddis Creek: 138 m³/s



Priddis River Hazard Study 100-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 1 of 19
Project No. 110773627	REV. A	Date: 20 October 2021

Author: D. Merrick
Sheet: 1 ?
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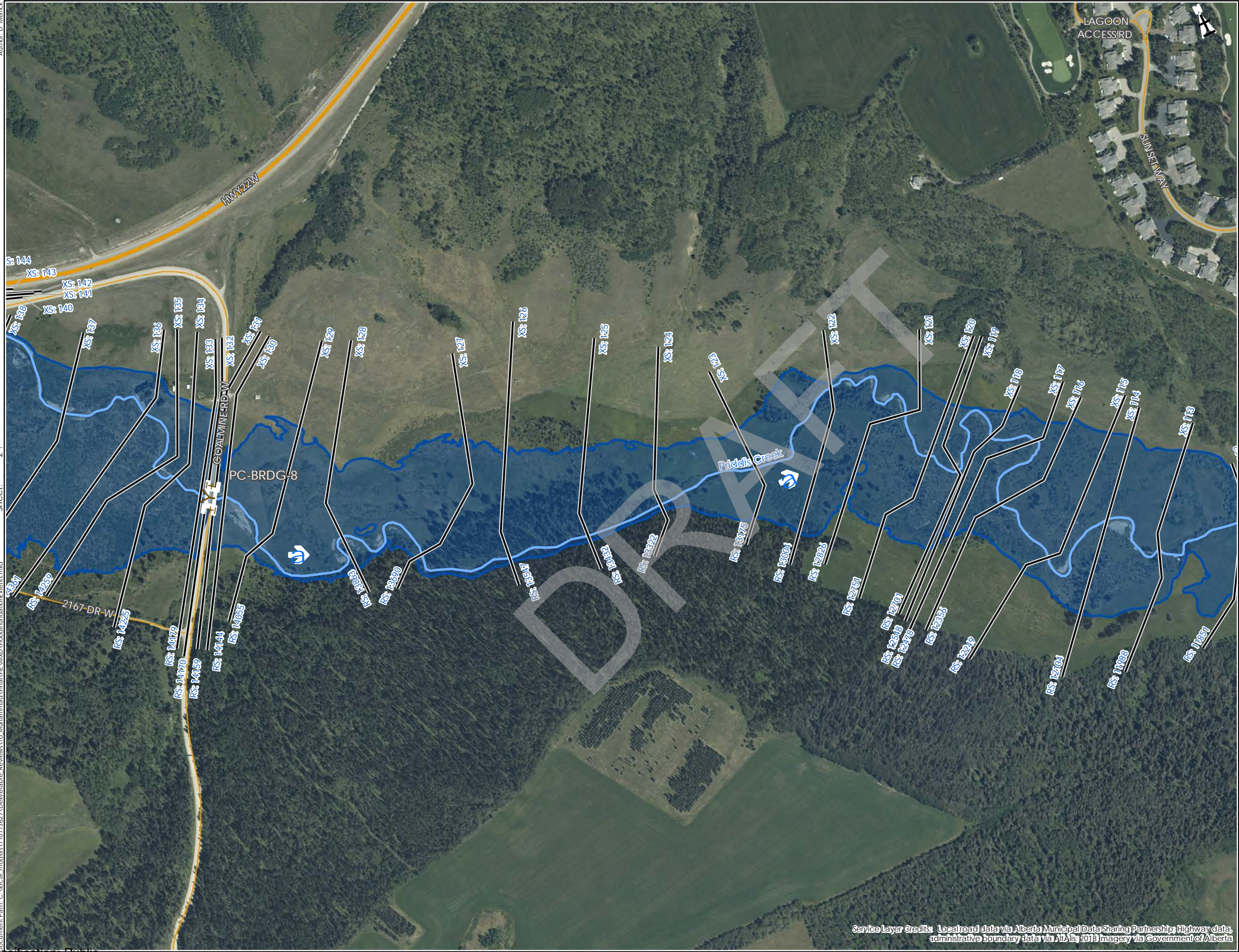
- Flood Inundation Extent - 100-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Major Road
- Local Road
- RS: 123 River Station

Discharge
Priddis Creek: 138 m³/s

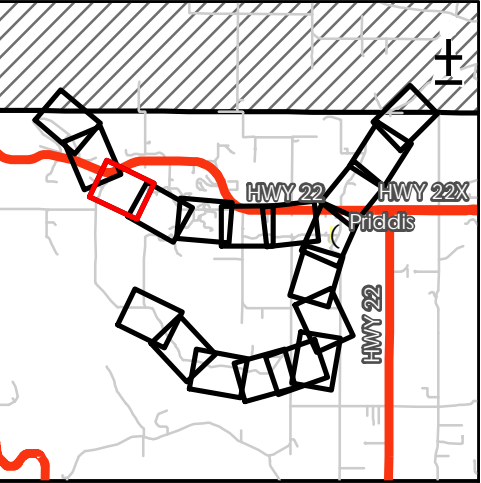
100 50 0 100 Scale
Metres 1:5,000

Priddis River Hazard Study		
100-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 2 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AltaLis 2018 Imagery via Government of Alberta



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA's 2018 Imagery via Government of Alberta



Flood Inundation Extent - 100-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS: 123 River Station

Discharge
Priddis Creek: 138 m³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study

100-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

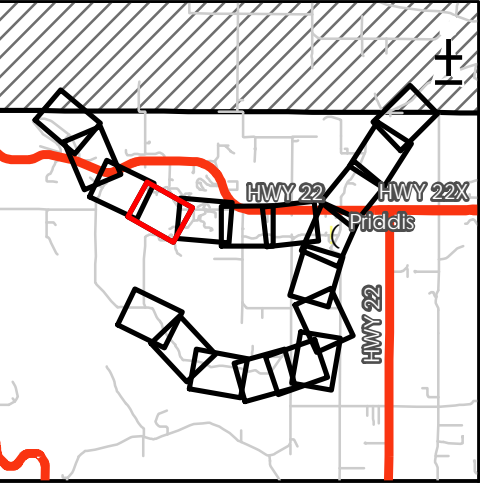
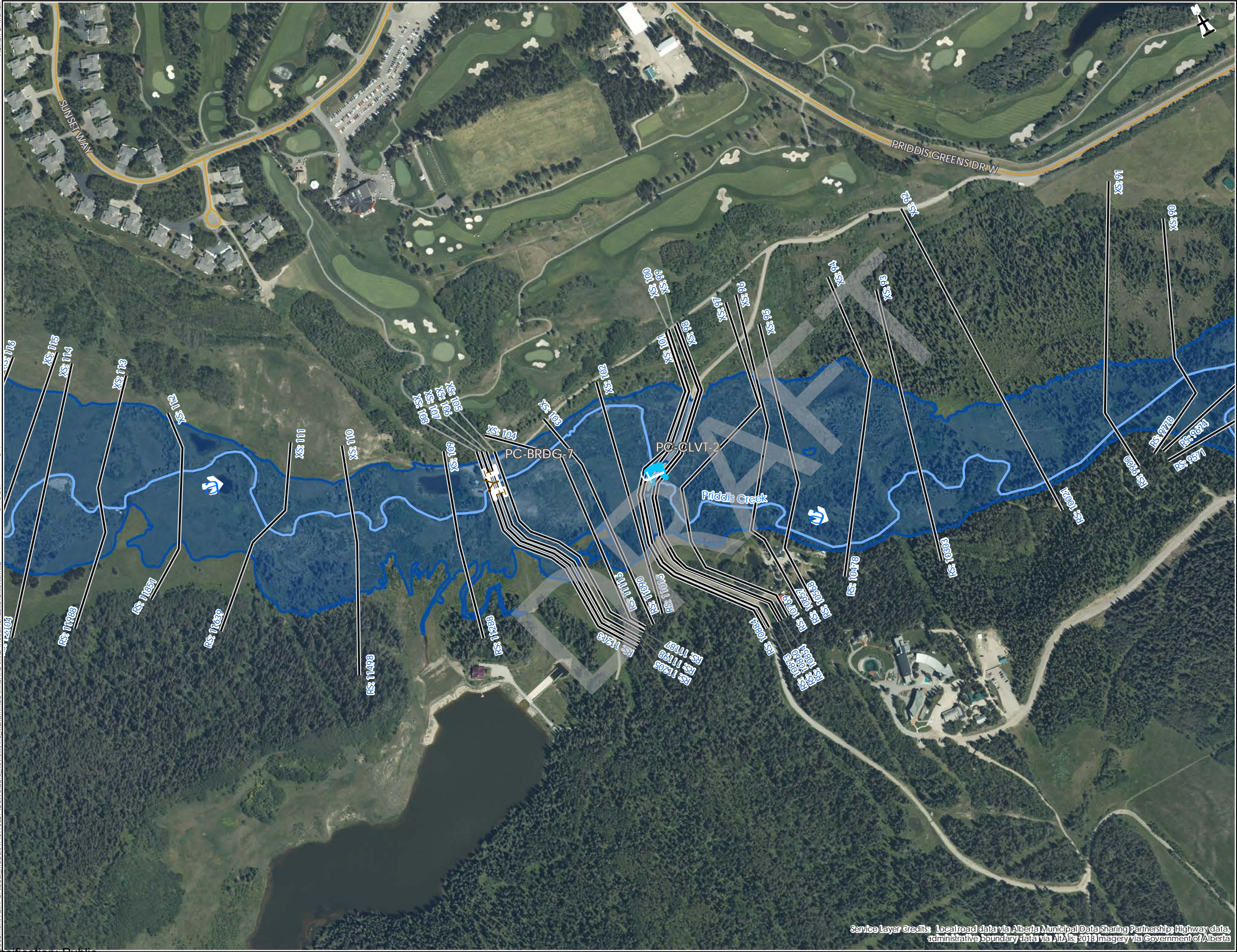
Sheet:
3 of 19

Project No.
110773627

REV.
A

Date:
20 October 2021

Author: D. Merrick
Sheet: 3 ?
Document Path: C:\local_models\110773627\Deliverable_Reviews\To_Muhammad\Final\PRD_VXKD_FloodInundationExtents.mxd



- Flood Inundation Extent - 100-year
- Flow Direction
- Bridge
- Culvert
- Cross Sections
- Creek
- Local Road
- RS: 123 River Station

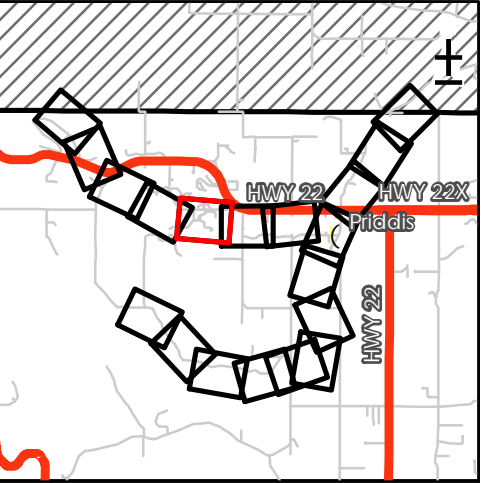
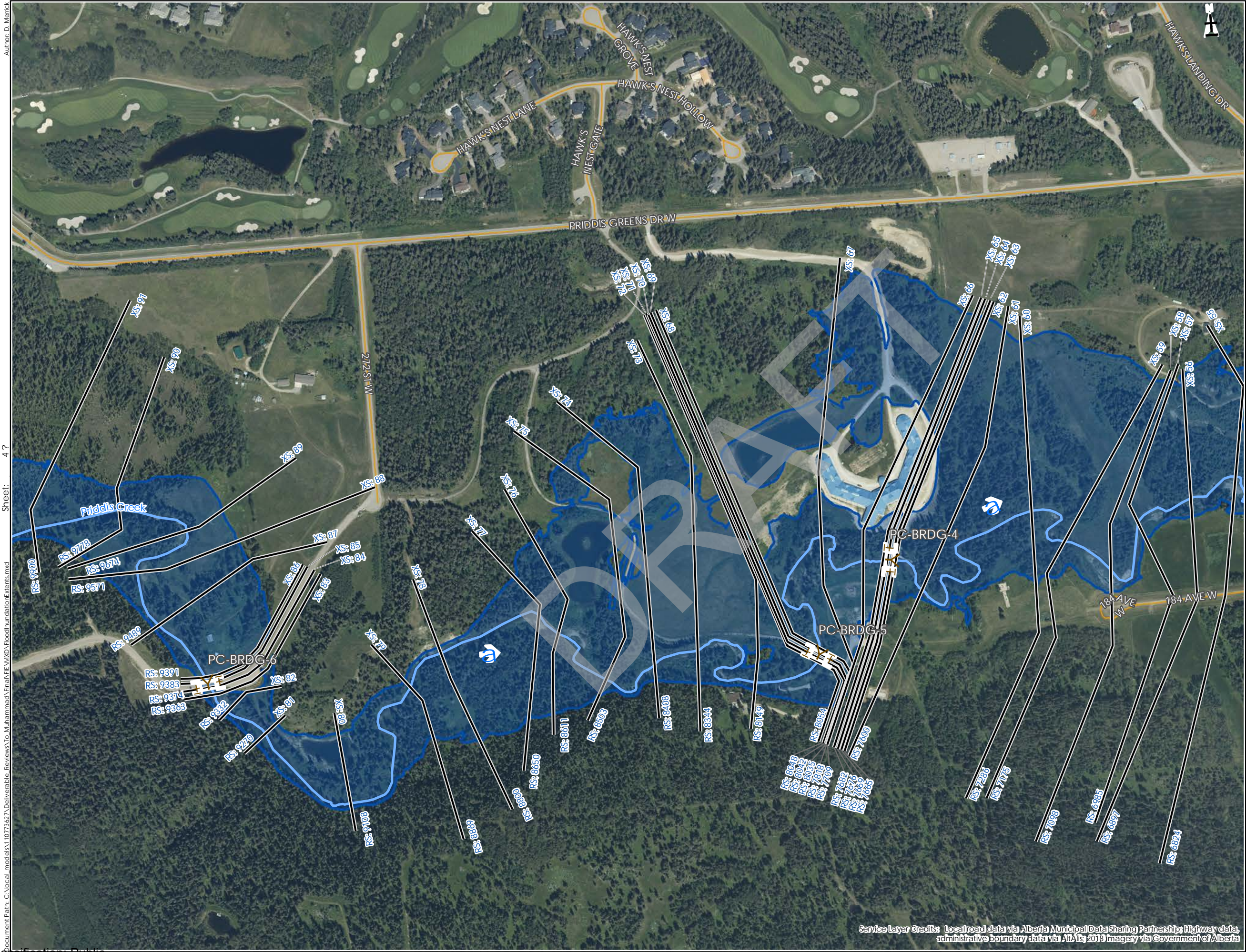
Discharge
Priddis Creek: 138 m³/s

Scale
1:5,000

Metres

Priddis River Hazard Study		
100-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 4 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIDA; 2019 imagery via Government of Alberta



Flood Inundation Extent - 100-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123

River Station

Discharge
Priddis Creek: 138 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

100-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
5 of 19

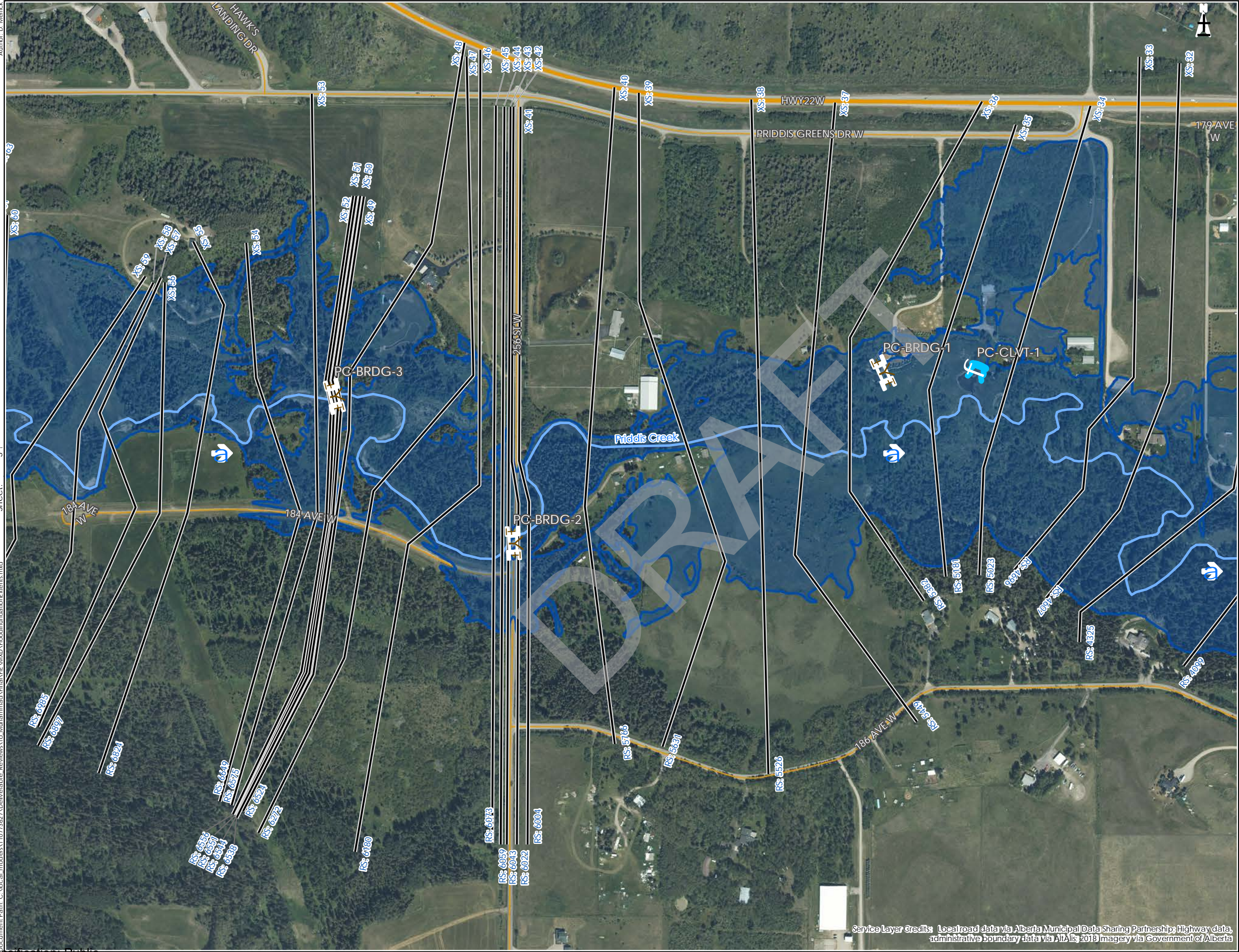
Project No.
110773627

REV.
A

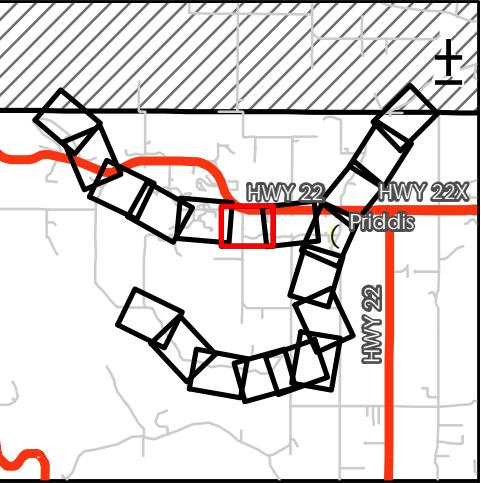
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20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA; 2018 imagery via Government of Alberta

Author: D. Merrick
Sheet: 5 ?
Document Path: C:\local\models\110773627\Deliverable_Reviews\To_Muhammad\Final\PRD_VOXD\FloodInundation\Extents.mxd



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 100-year

Flow Direction

Bridge

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123

 River Station

Discharge
Priddis Creek: 138 m³/s

100500100

Metres

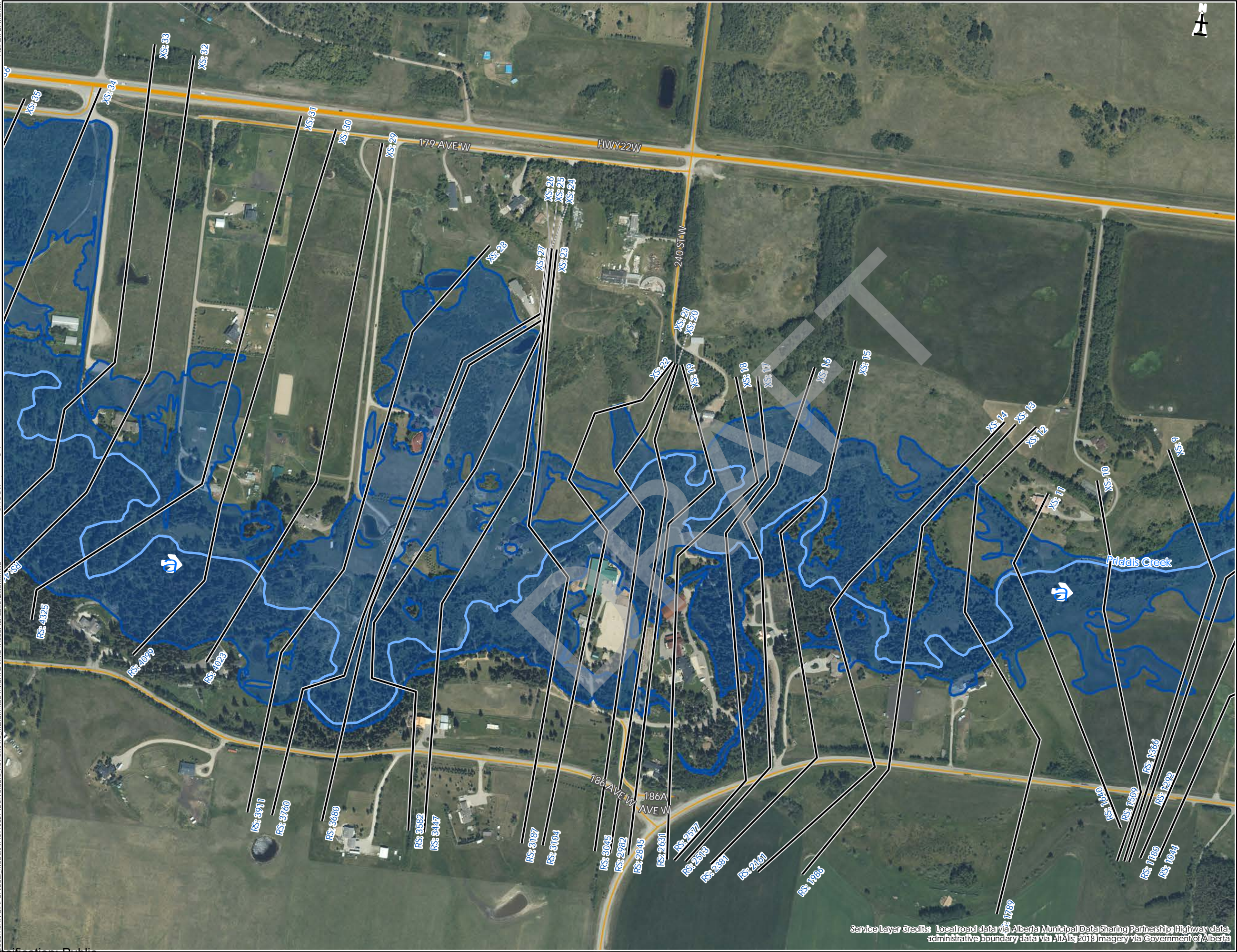
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Priddis River Hazard Study

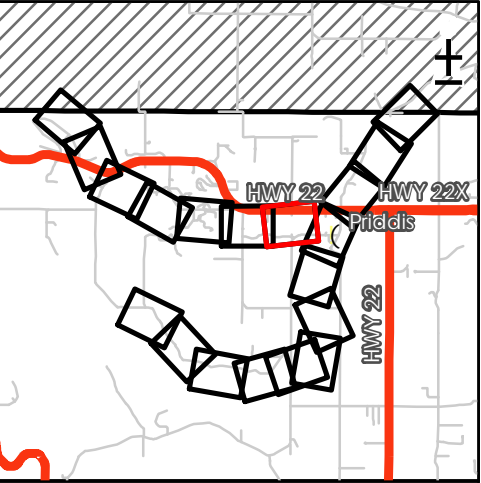
100-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 6 of 19
Project No. 110773627	REV. A	Date: 20 October 2021

Author: D. Merrick
Sheet: 6 ?
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Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 100-year

Flow Direction

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123 River Station

Discharge
Priddis Creek: 138 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

100-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
7 of 19

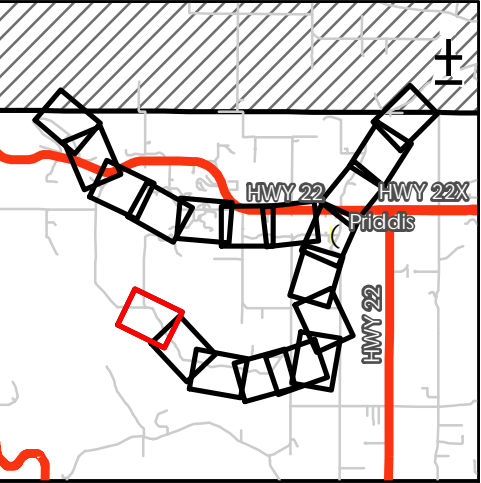
Project No.
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REV.
A

Date:
20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via AIT/Alis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 100-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 184 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

100-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

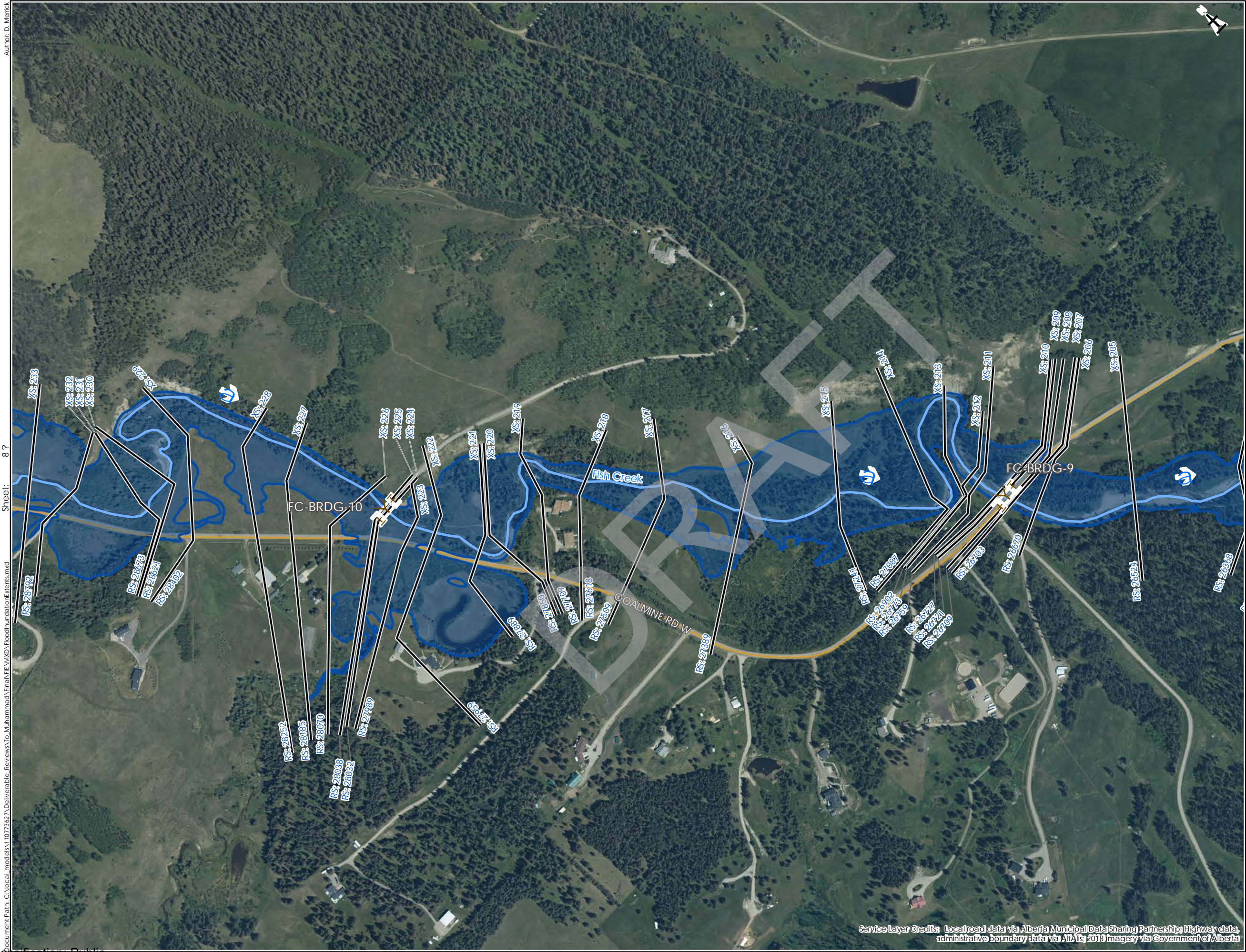
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Project No.
110773627

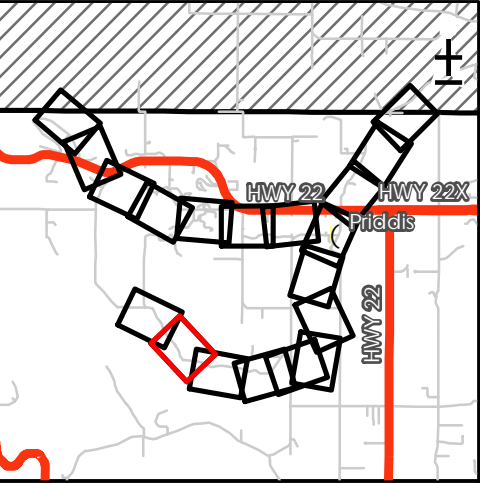
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Date:
20 October 2021

Classification: Public



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AITLis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 100-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

River Station

Discharge
Fish Creek: 184 m³/s

100

50

0

100

Metres

Scale
1:5,000

Priddis River Hazard Study

100-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

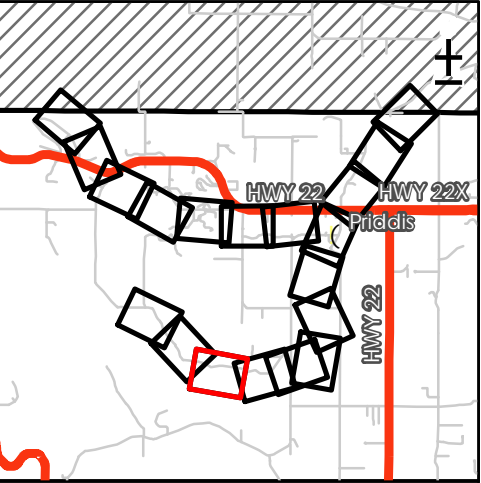
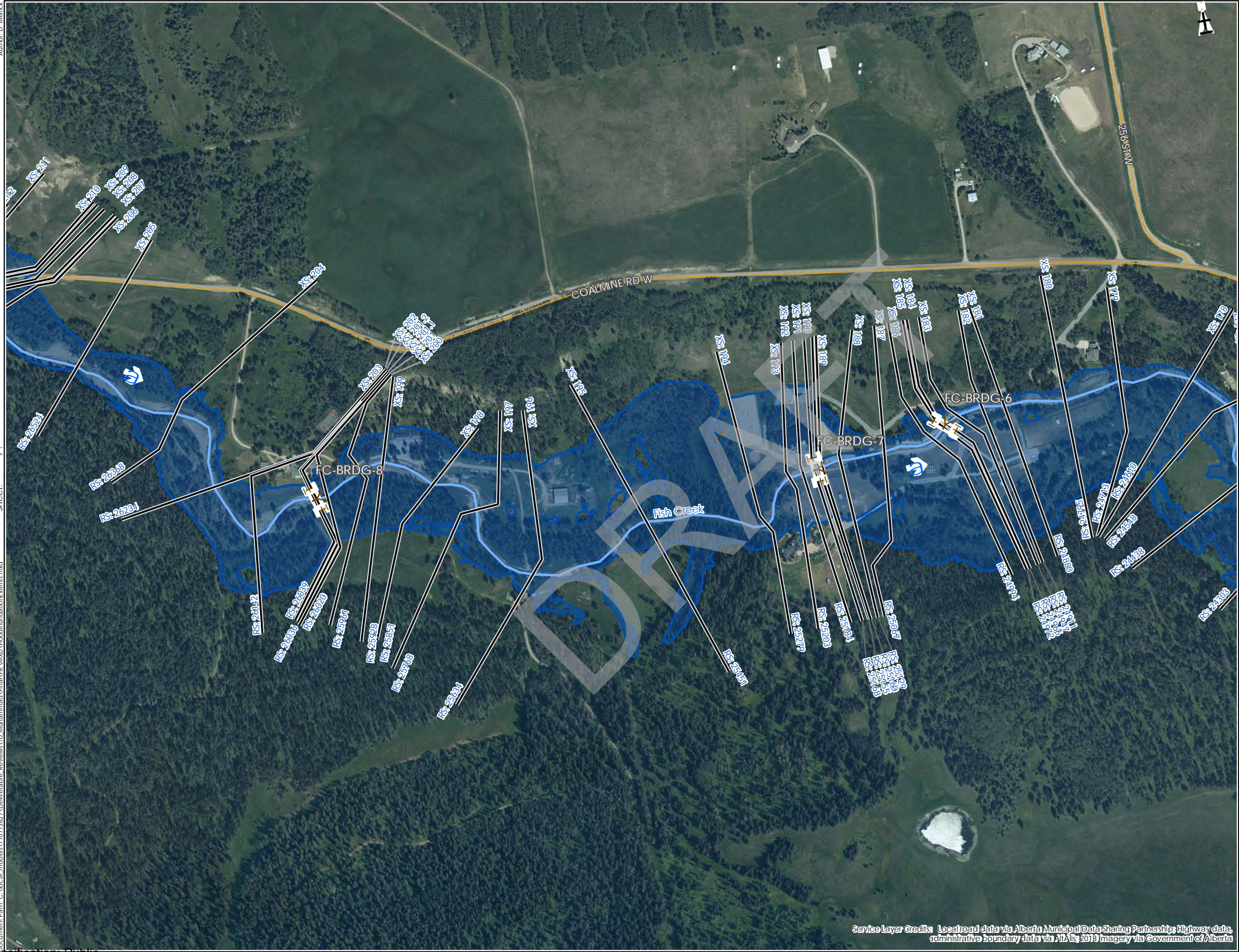
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NAD 1983 CSRS 3TM 114

Sheet:
9 of 19

Project No.
110773627

REV.
A

Date:
20 October 2021



Flood Inundation Extent - 100-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

River Station

Discharge
Fish Creek: 184 m³/s

100

50

0

100

Metres

Scale
1:5,000

Priddis River Hazard Study

100-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
10 of 19

Project No.
110773627

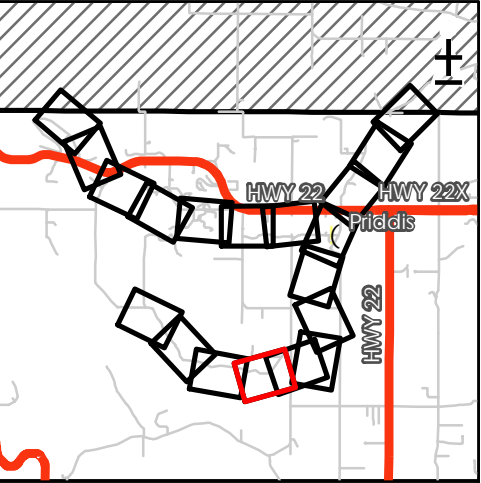
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Date:
20 October 2021

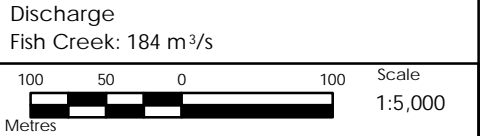
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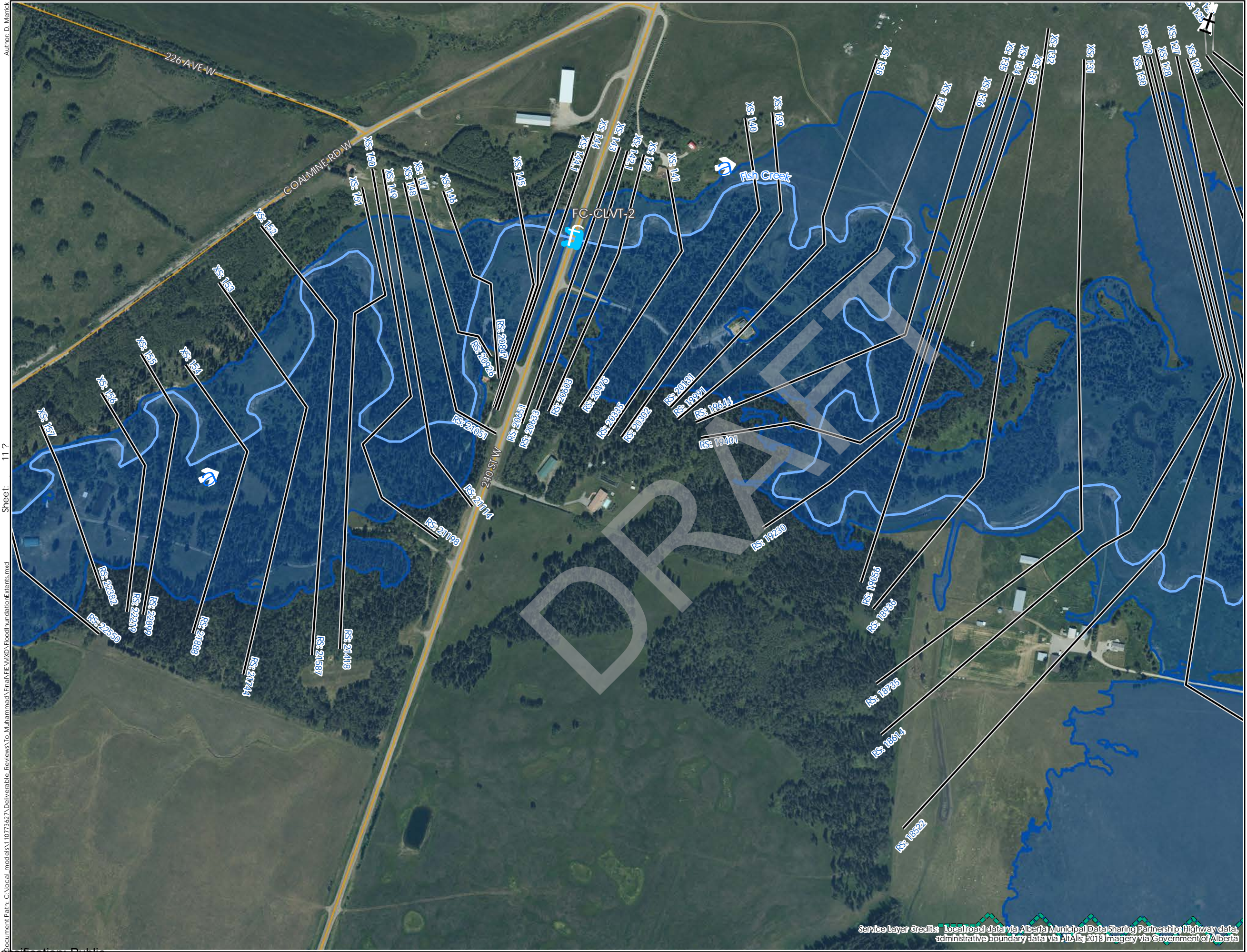
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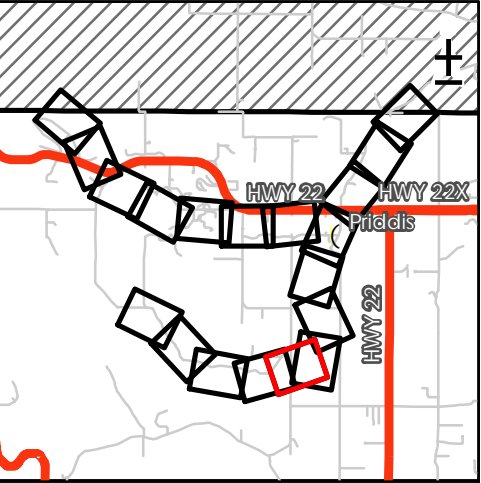
- Flood Inundation Extent - 100-year
- Flow Direction
- Bridge
- Culvert
- Cross Sections
- Creek
- Local Road
- RS: 123 River Station



Priddis River Hazard Study		
100-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 11 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 100-year

Flow Direction

Culvert

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 184 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

100-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

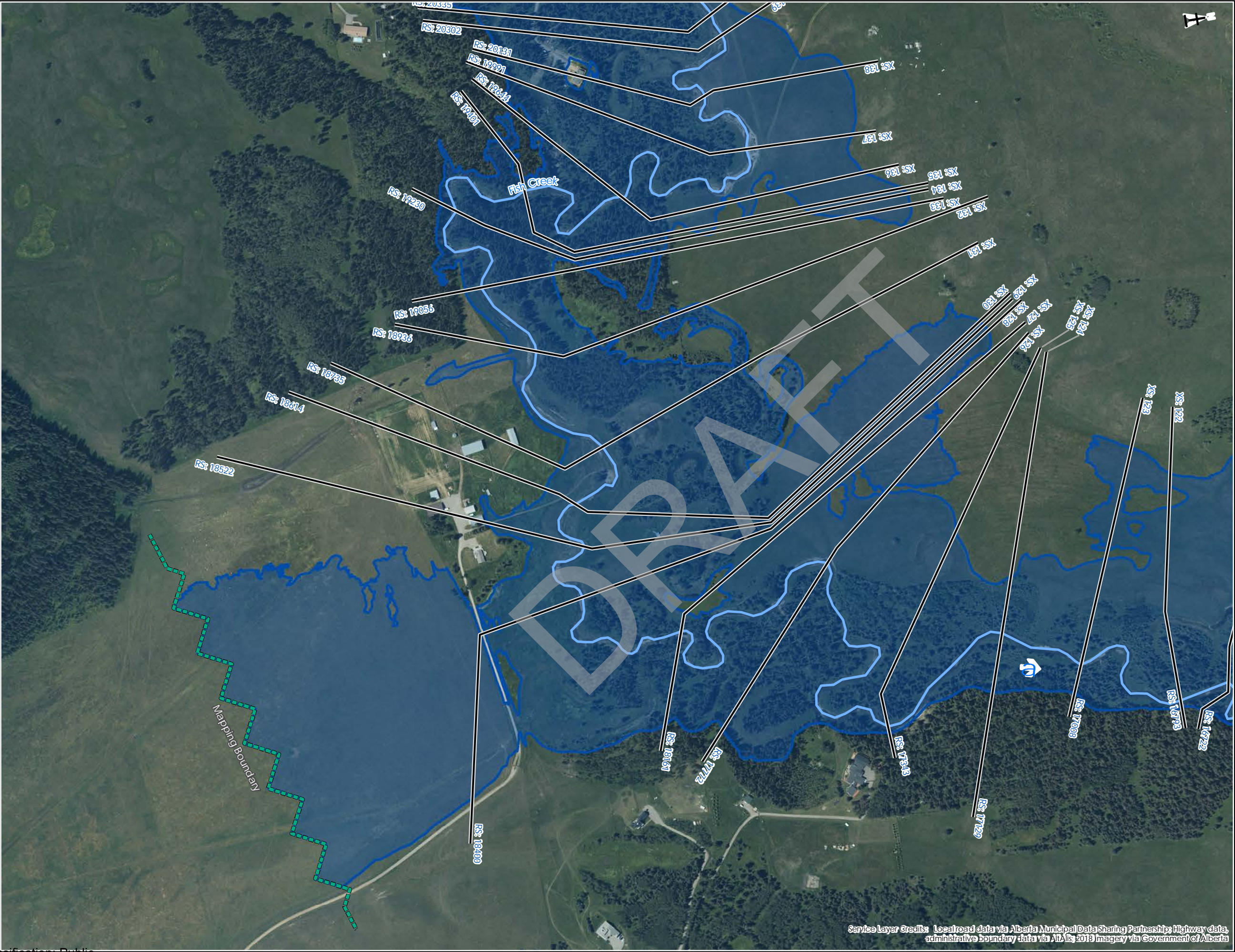
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12 of 19

Project No.
110773627

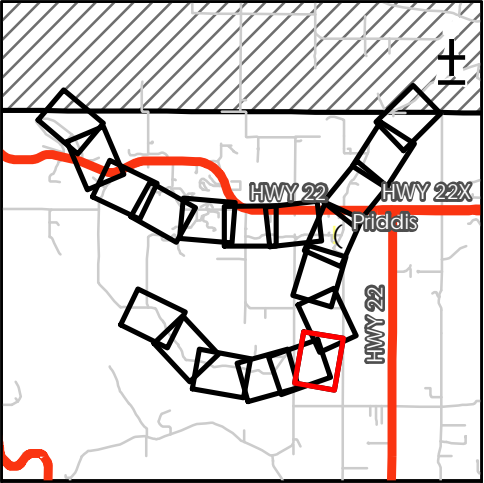
REV.
A

Date:
20 October 2021

Classification: Public



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIT/Alis 2018 Imagery via Government of Alberta



Alberta
Government

Stantec

Flood Inundation Extent - 100-year

Flow Direction

Culvert

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 184 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

100-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
13 of 19

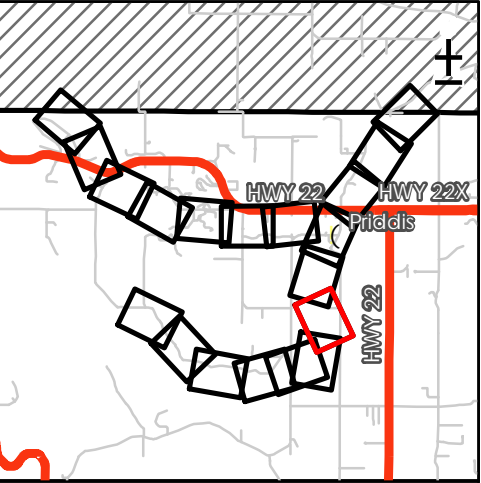
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REV.
A

Date:
20 October 2021



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Flood Inundation Extent - 100-year

Flow Direction

Bridge

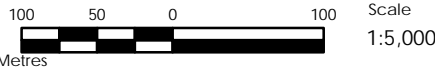
Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 184 m³/s

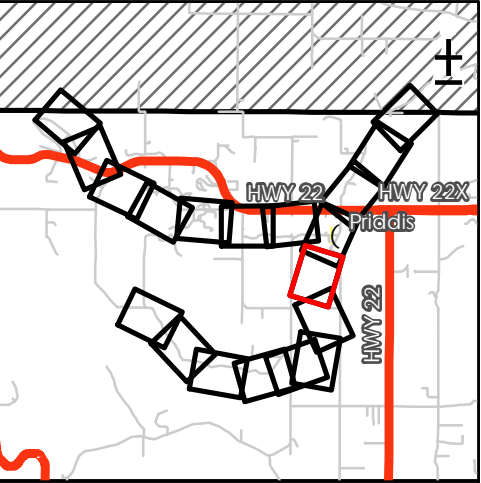


Priddis River Hazard Study
100-Year Flood Inundation Extent

GIS: MA QA/QC: JB Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114 Sheet: 14 of 19

Project No. 110773627 REV. A Date: 20 October 2021



Flood Inundation Extent - 100-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS: 123 River Station

Discharge
Fish Creek: 184 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

100-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

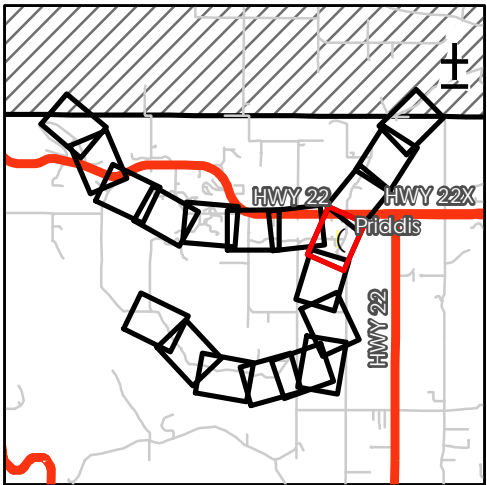
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







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15 of 19

Project No.
110773627

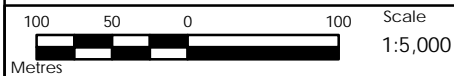
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Date:
20 October 2021

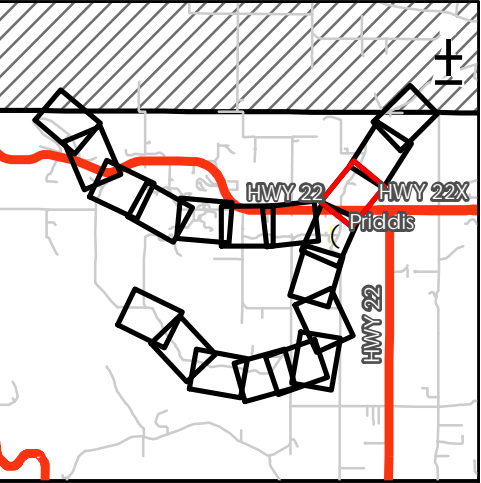
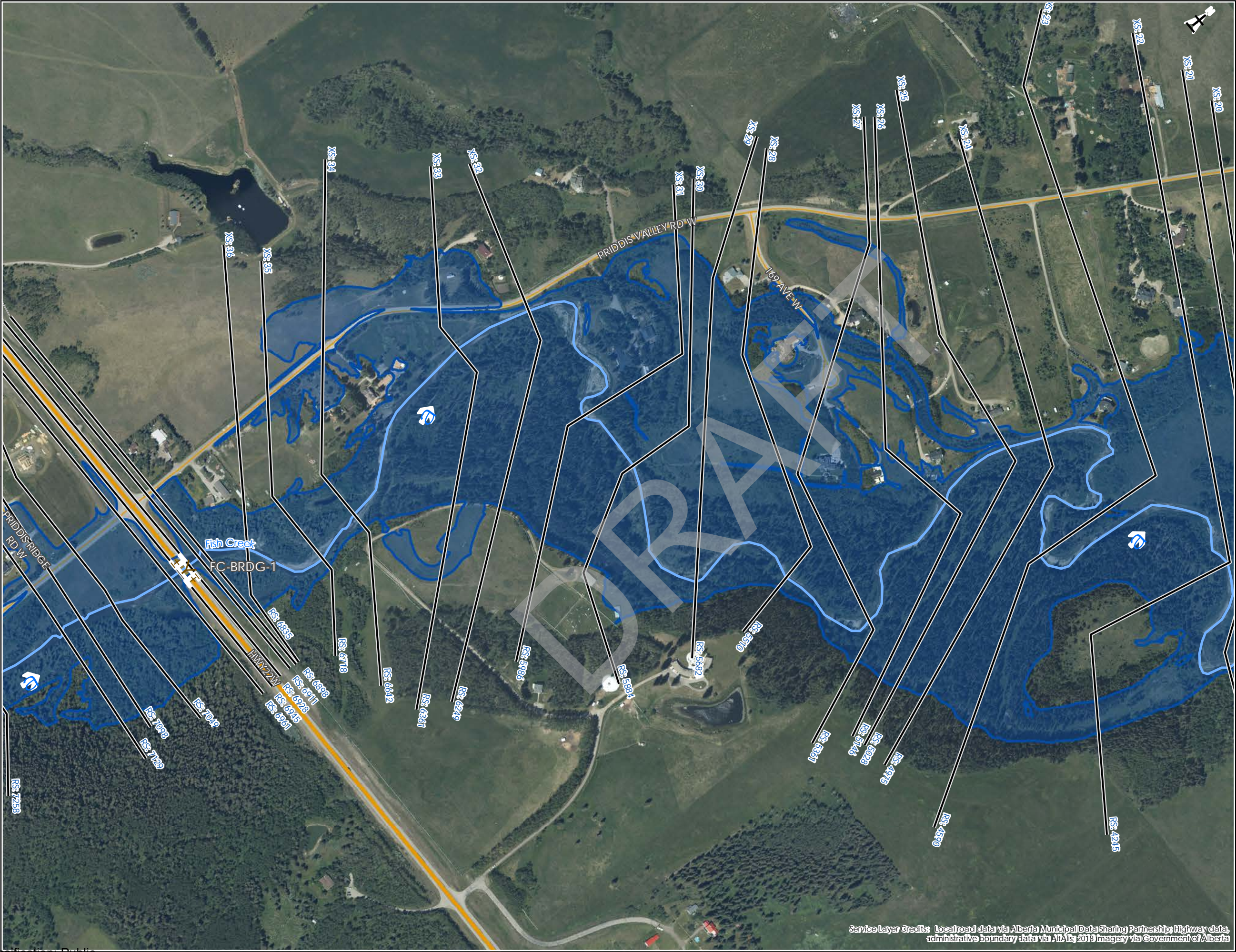


-  Flood Inundation Extent - 100-year
-  Flow Direction
-  Bridge
-  Culvert
-  Cross Sections
-  Creek
-  Major Road
-  Local Road
- RS: 123 River Station

Discharge
Fish Creek above cross section 56: 184 m³/s
Fish Creek below cross section 56: 322 m³/s
Priddis Creek: 138 m³/s

Priddis River Hazard Study
100-Year Flood Inundation Extent

GIS: MA		QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 16 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021	



Flood Inundation Extent - 100-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123 River Station

Discharge
Fish Creek: 322 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

100-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114

Sheet: 17 of 19

Project No. 110773627

REV. A

Date: 20 October 2021

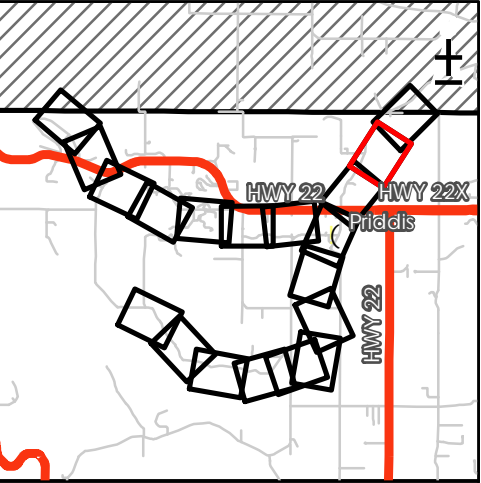
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Classification: Public

Author: D. Merrick
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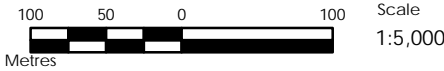
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- Flood Inundation Extent - 100-year
- Flow Direction
- Cross Sections
- Creek
- Local Road

RS:123 River Station

Discharge
Fish Creek: 322 m³/s

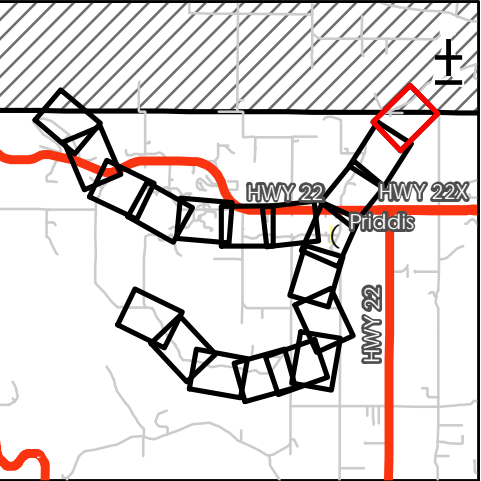
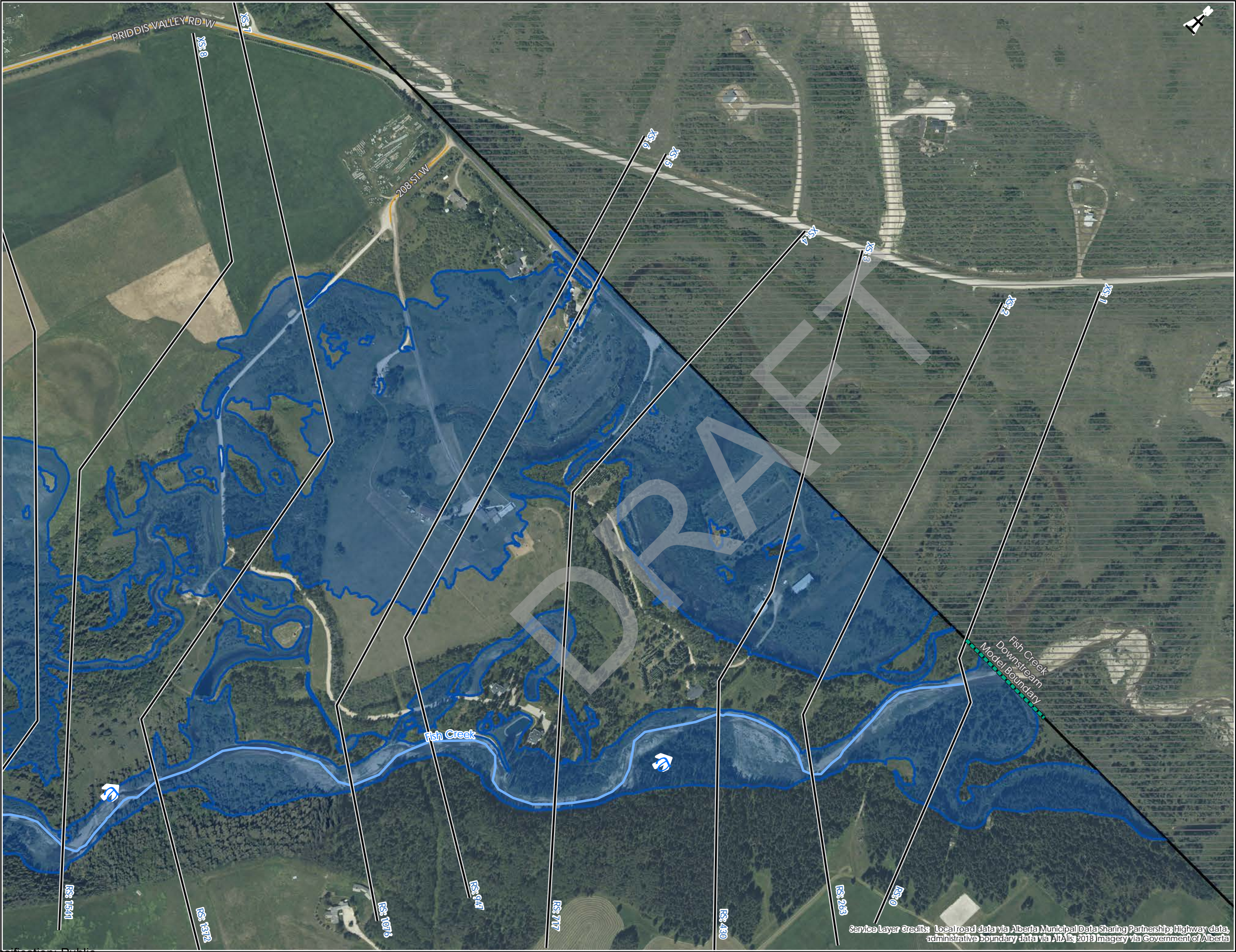




Priddis River Hazard Study
100-Year Flood Inundation Extent


GIS: MA QA/QC: JB Approved: MW


Spatial Ref: NAD 1983 CSRS 3TM 114 Sheet: 18 of 19


Project No. 110773627 REV. A Date: 20 October 2021








 Flood Inundation Extent - 100-year

 Flow Direction

 Cross Sections

 Creek

 Local Road

 Tsuut'ina Nation

RS:123 River Station

Discharge
Fish Creek: 322 m³/s

100

50

0

100

Metres

Scale
1:5,000

Priddis River Hazard Study

100-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
19 of 19

Project No.
110773627

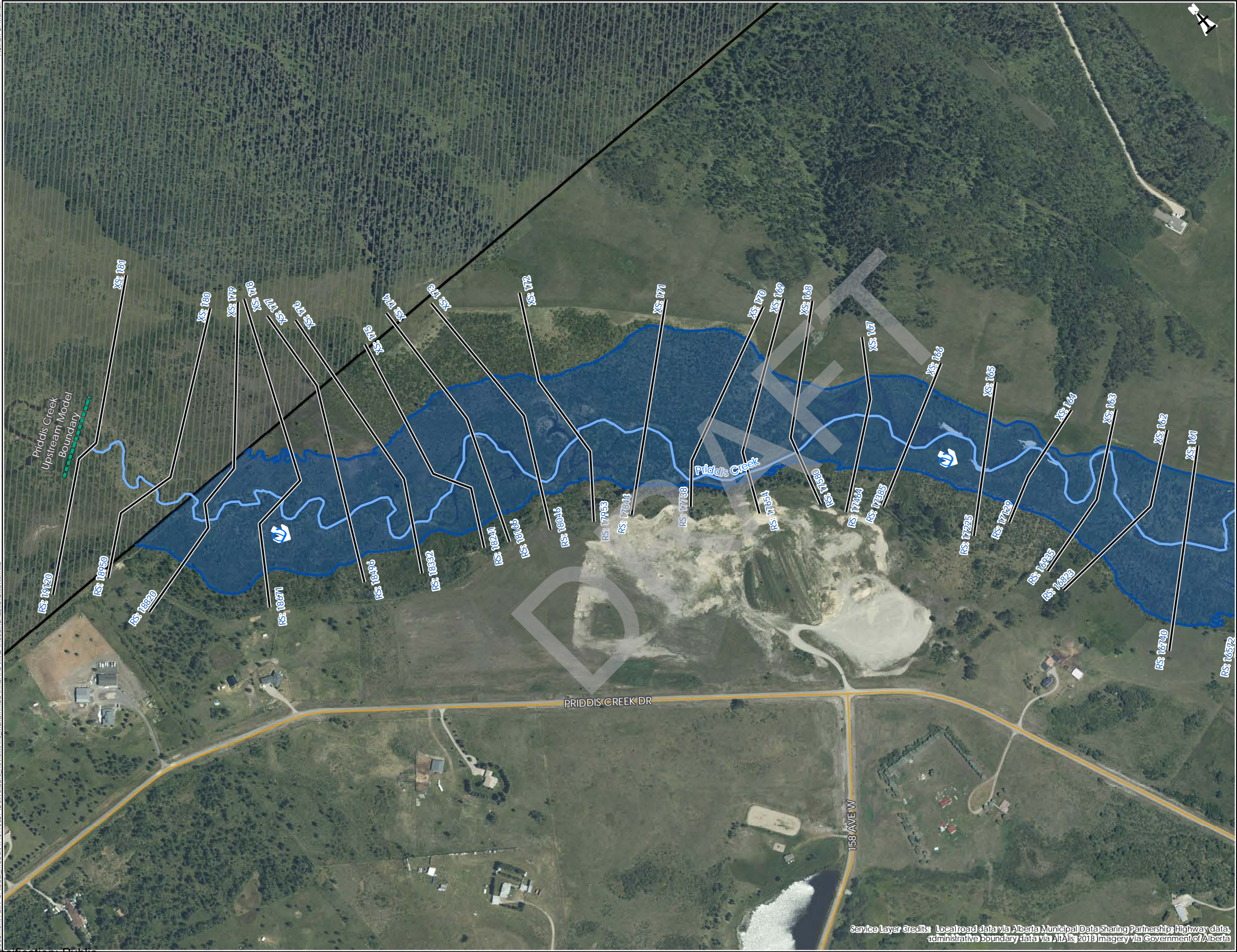
REV.
A

Date:
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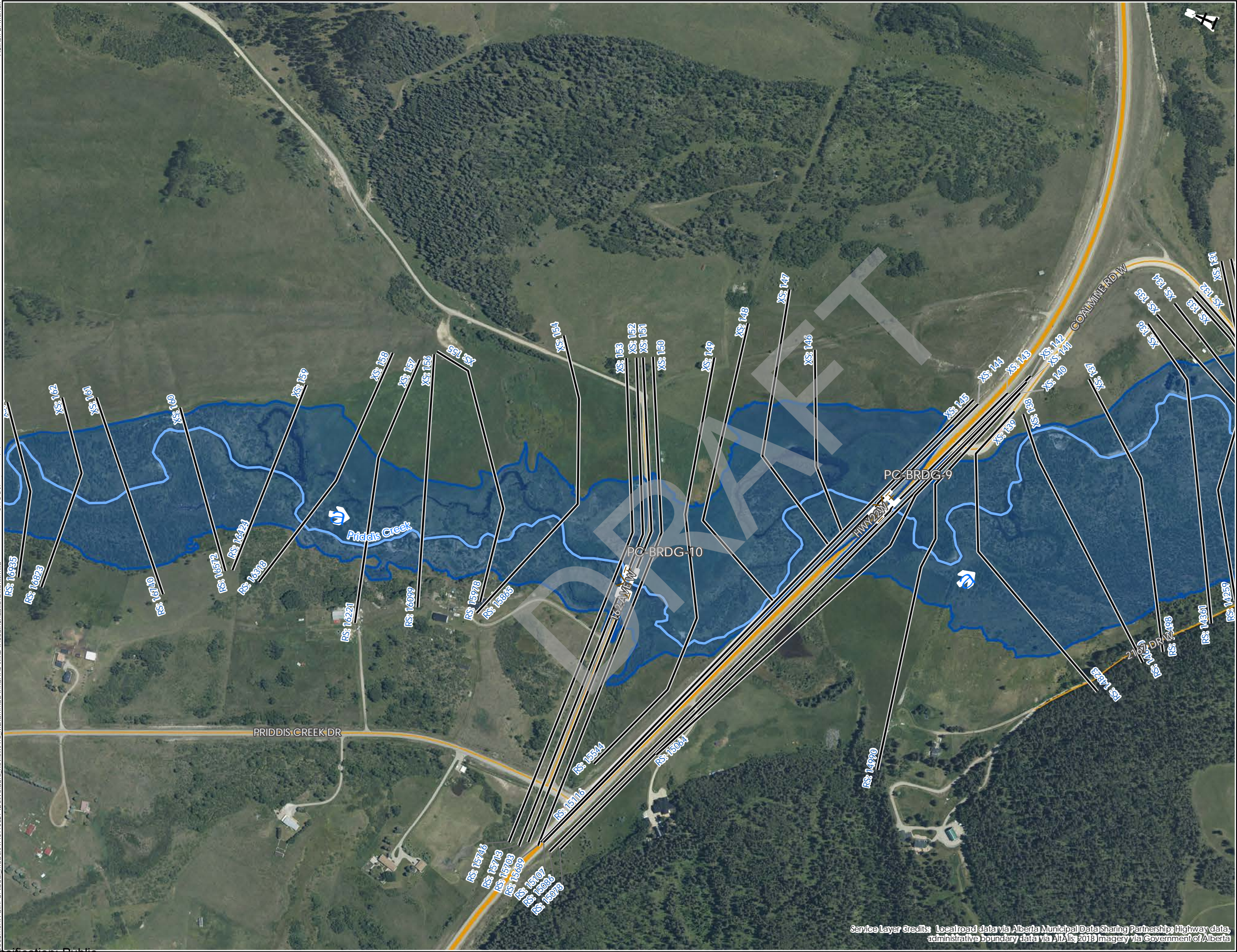
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200-year Flood Inundation Extent (Sheets 1 to 19)

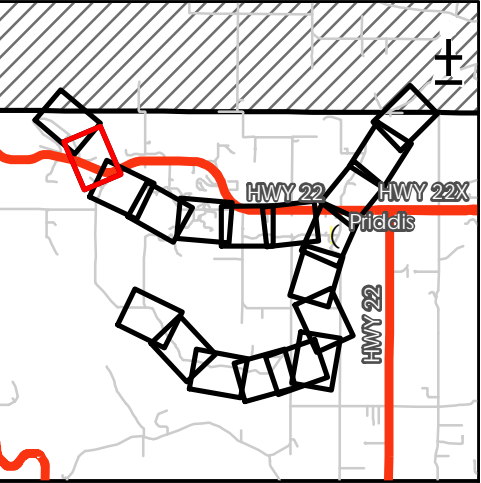
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Author: D. Merrick
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Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 200-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS: 123

River Station

Discharge

Priddis Creek: 188 m³/s

100

50

0

100

Metres

Scale

1:5,000

Priddis River Hazard Study

200-Year Flood Inundation Extent

GIS:

MA

QA/QC:

JB

Approved:

MW

Spatial Ref:

NAD 1983 CSRS 3TM 114

Sheet:

2 of 19

Project No.

110773627

REV.

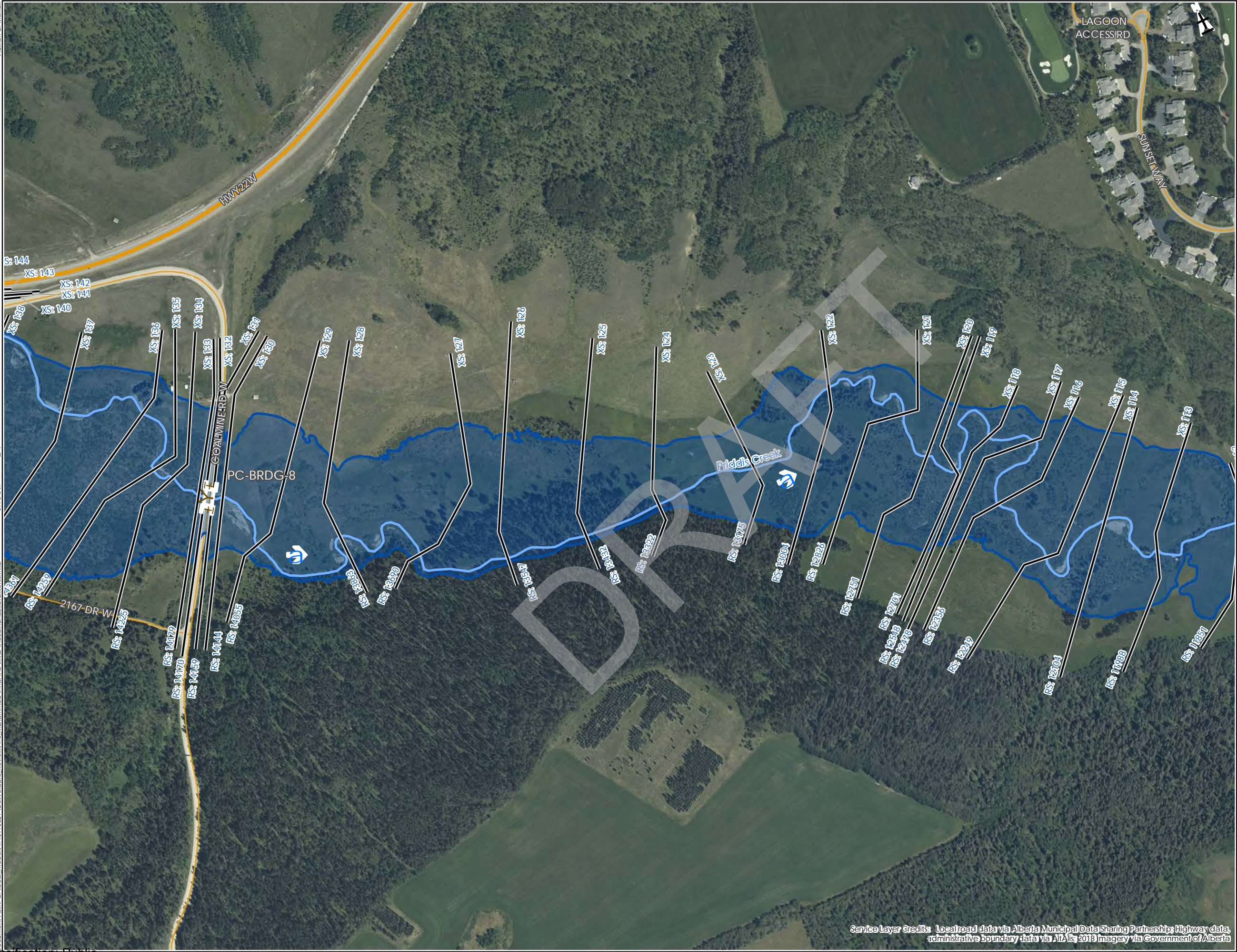
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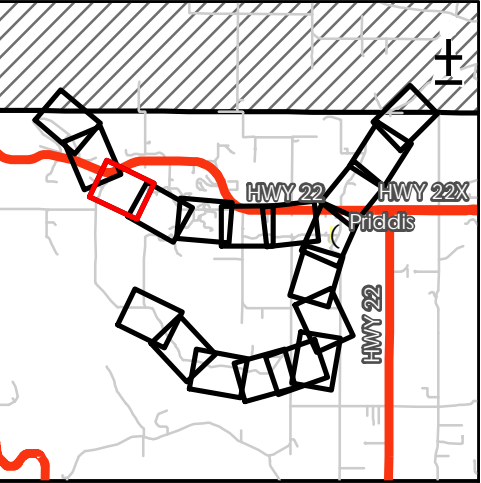
20 October 2021

Classification: Public

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Sheet: 2 ?
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Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA's 2018 Imagery via Government of Alberta



Flood Inundation Extent - 200-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123 River Station

Discharge
Priddis Creek: 188 m³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study

200-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
3 of 19

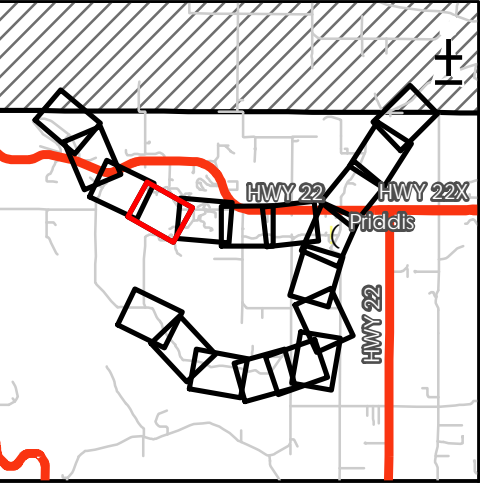
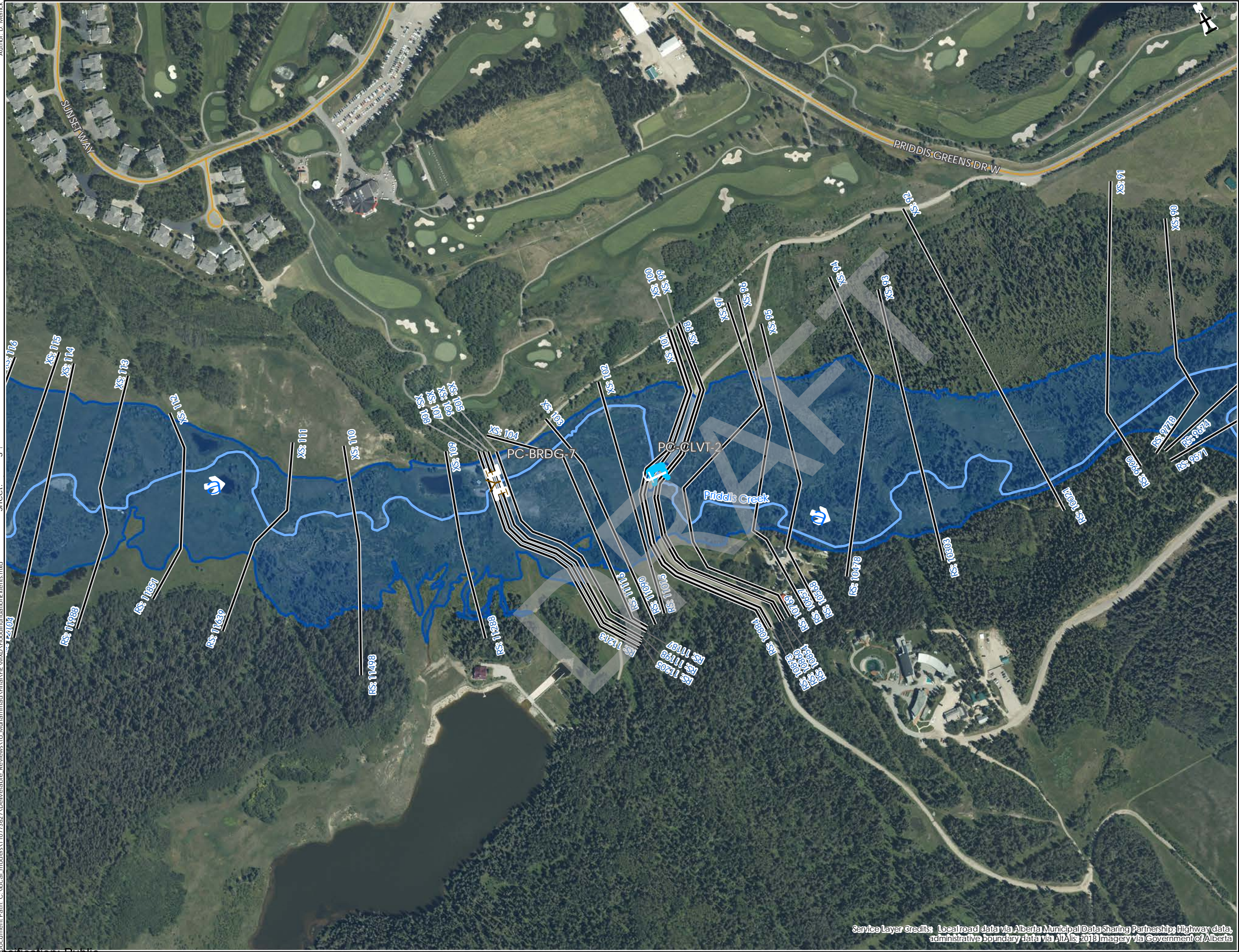
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110773627

REV.
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Date:
20 October 2021

Classification: Public

Author: D. Merrick
Sheet: 3 ?
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- Flood Inundation Extent - 200-year
- Flow Direction
- Bridge
- Culvert
- Cross Sections
- Creek
- Local Road
- RS: 123 River Station

Discharge
Priddis Creek: 188 m³/s

100

50

0

100

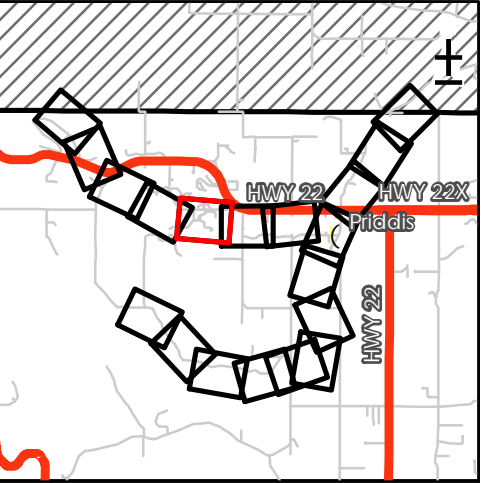
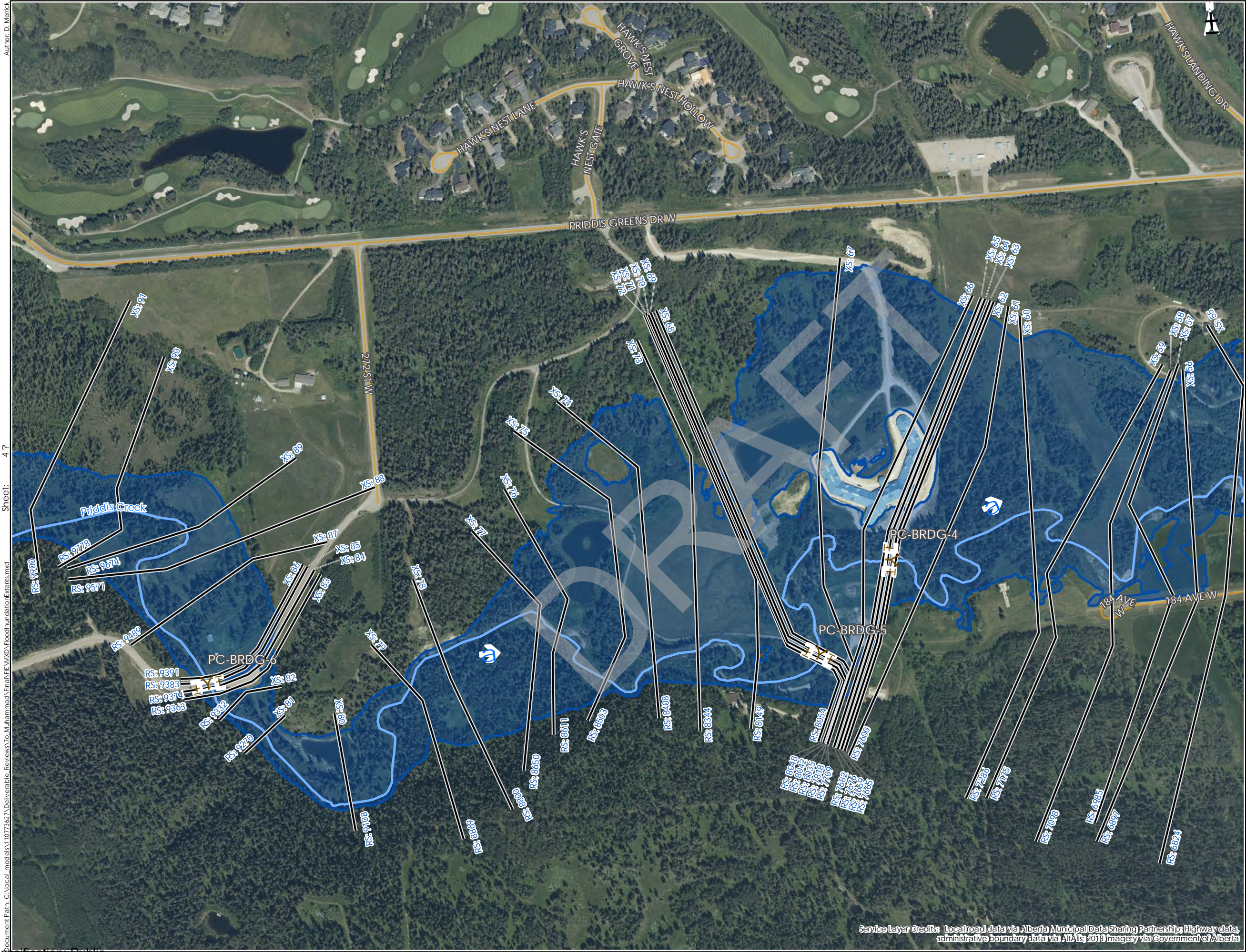
Metres

Scale
1:5,000

Priddis River Hazard Study		
200-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 4 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA's 2019 Imagery via Government of Alberta

Author: D. Merrick
Sheet: 4 ?
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Flood Inundation Extent - 200-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123 River Station

Discharge
Priddis Creek: 188 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

200-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
5 of 19

Project No.
110773627

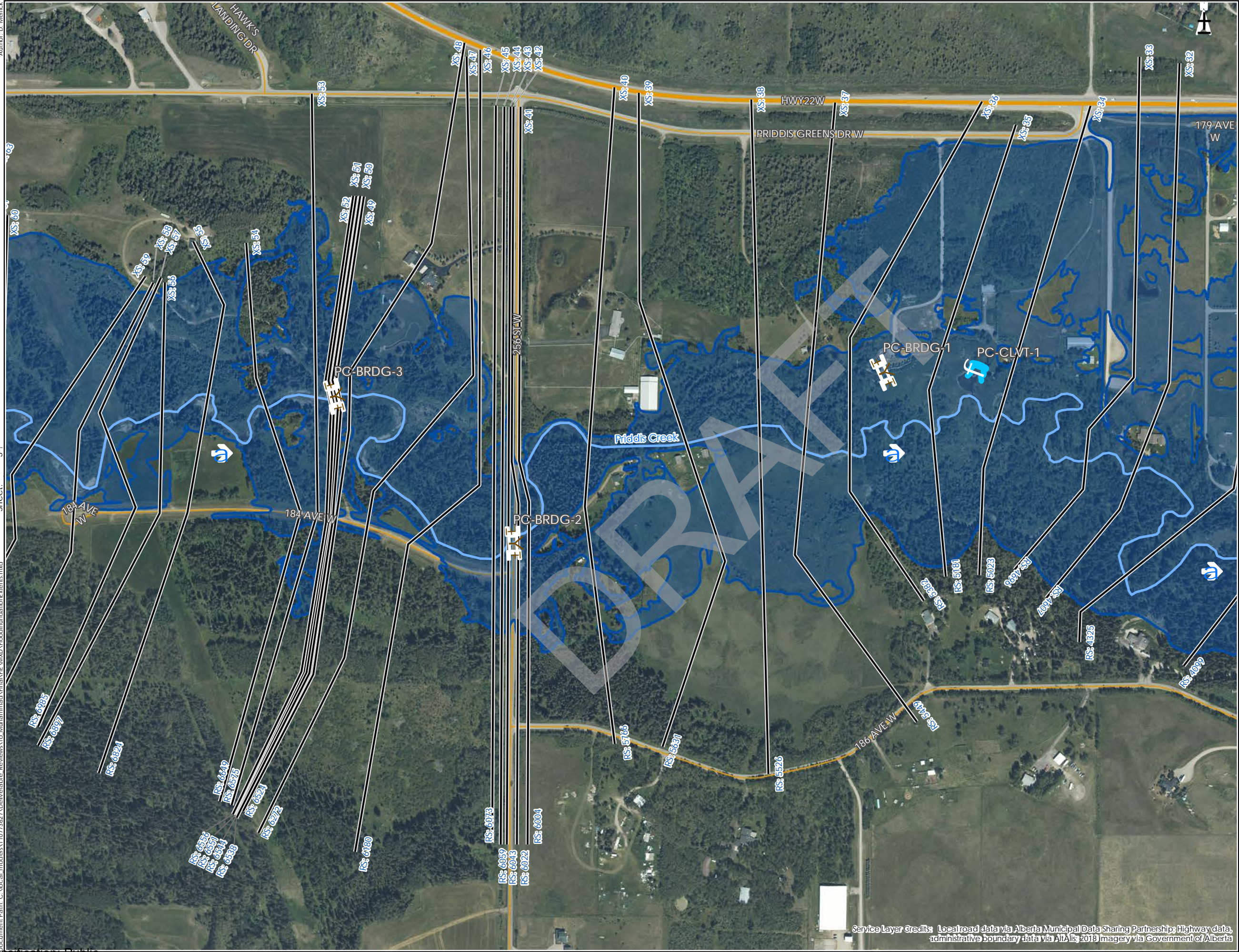
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Date:
20 October 2021

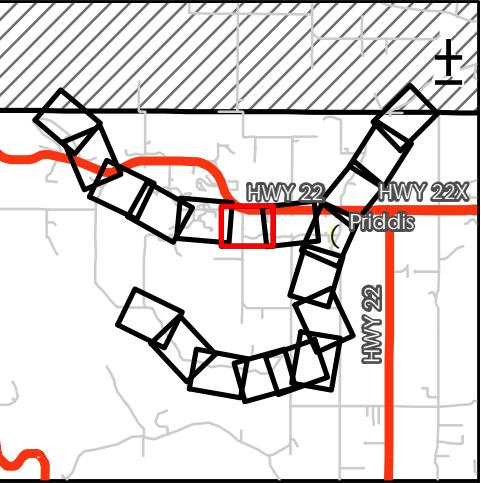
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Classification: Public

Author: D. Merrick
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Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 200-year

Flow Direction

Bridge

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123 River Station

Discharge
Priddis Creek: 188 m³/s

100

50

0

100

Metres

Scale: 1:5,000

Priddis River Hazard Study

200-Year Flood Inundation Extent

GIS: MA

Spatial Ref: NAD 1983 CSRS 3TM 114

Project No: 110773627

QA/QC: JB

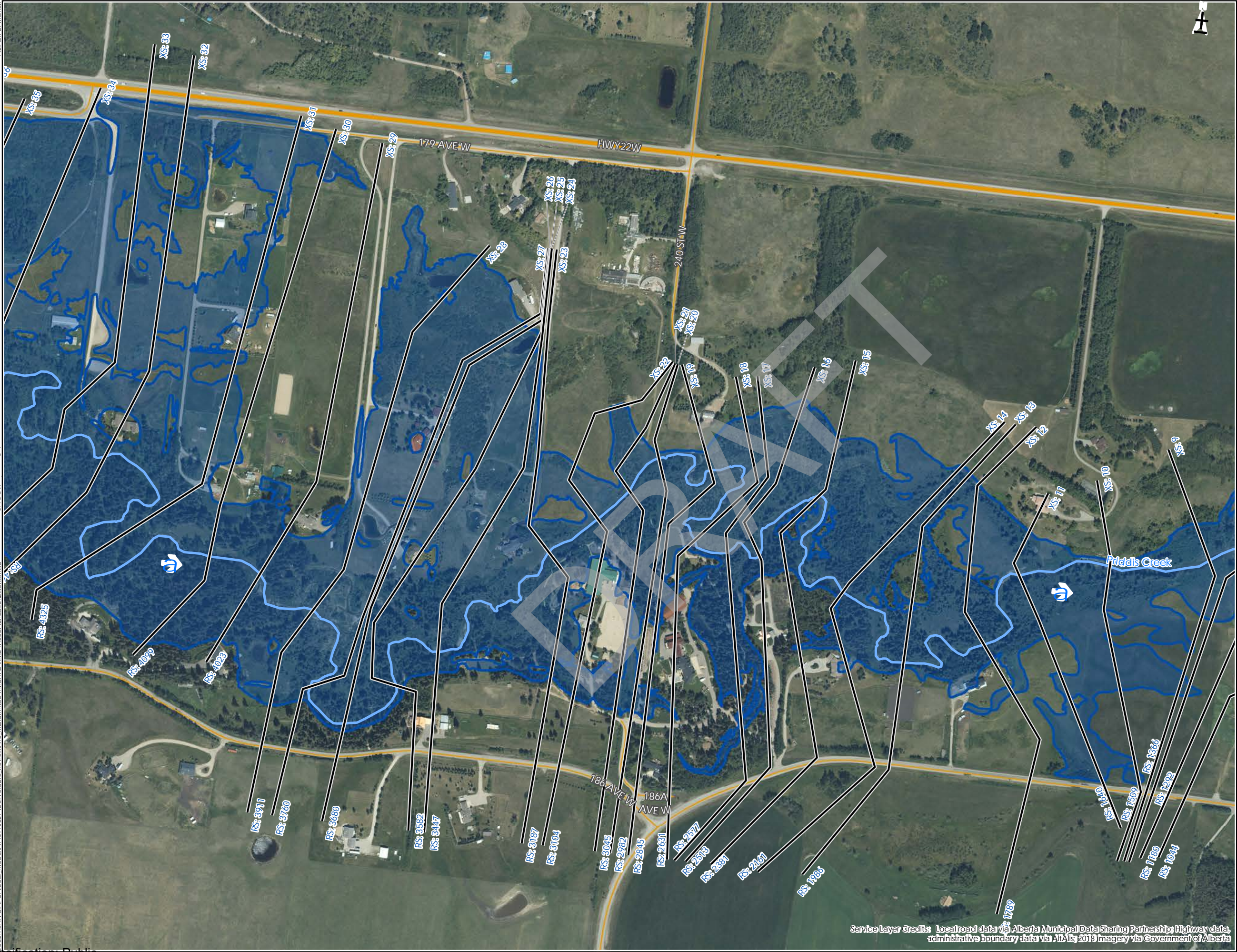
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Approved: MW

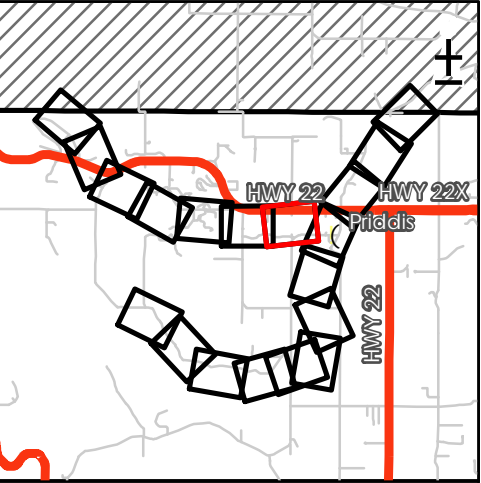
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Date: 20 October 2021

Author: D. Merrick
Sheet: 6 ?
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Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 200-year

Flow Direction

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123 River Station

Discharge
Priddis Creek: 188 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

200-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
7 of 19

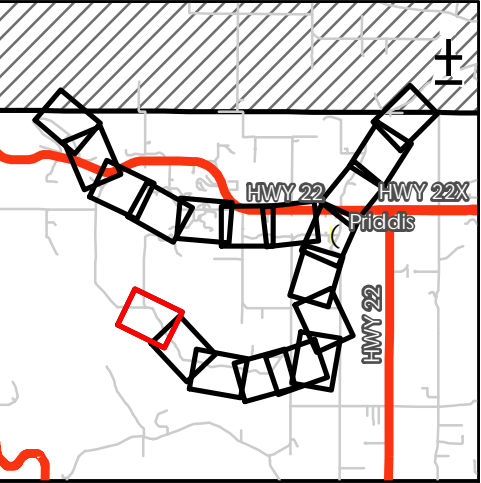
Project No.
110773627

REV.
A

Date:
20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via AltaLis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 200-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

River Station

Discharge
Fish Creek: 250 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

200-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

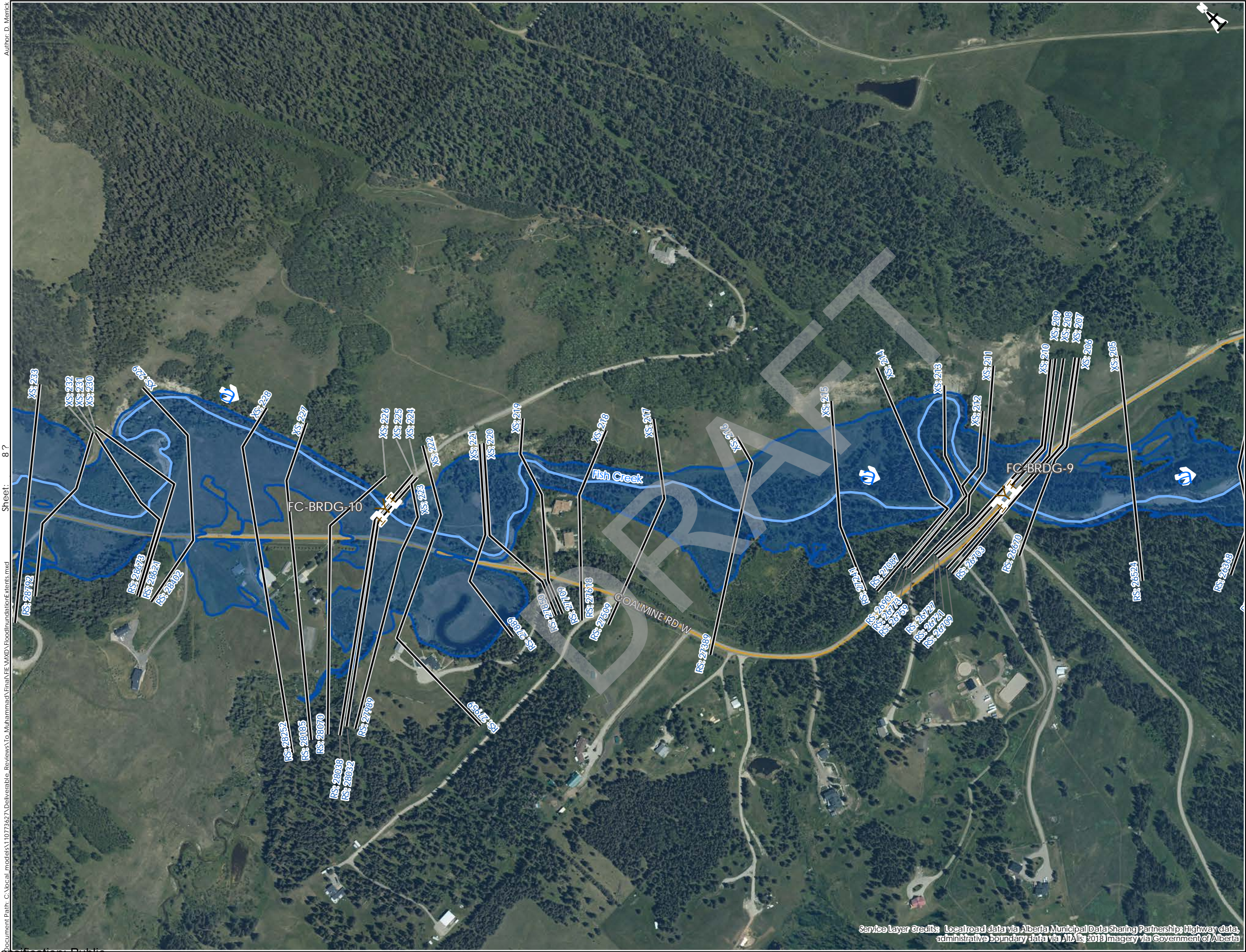
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Project No.
110773627

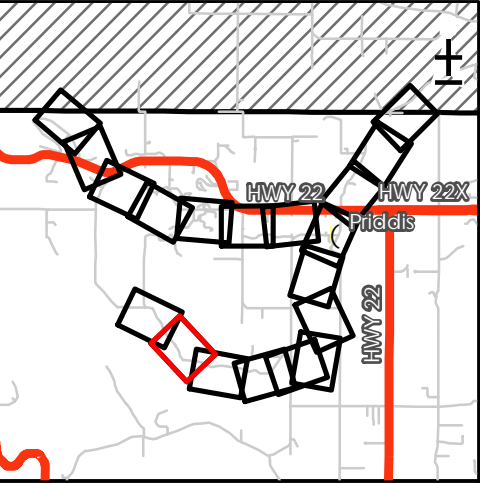
REV.
A

Date:
20 October 2021

Classification: Public



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AITLis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 200-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS:123 River Station

Discharge
Fish Creek: 250 m³/s

100

50

0

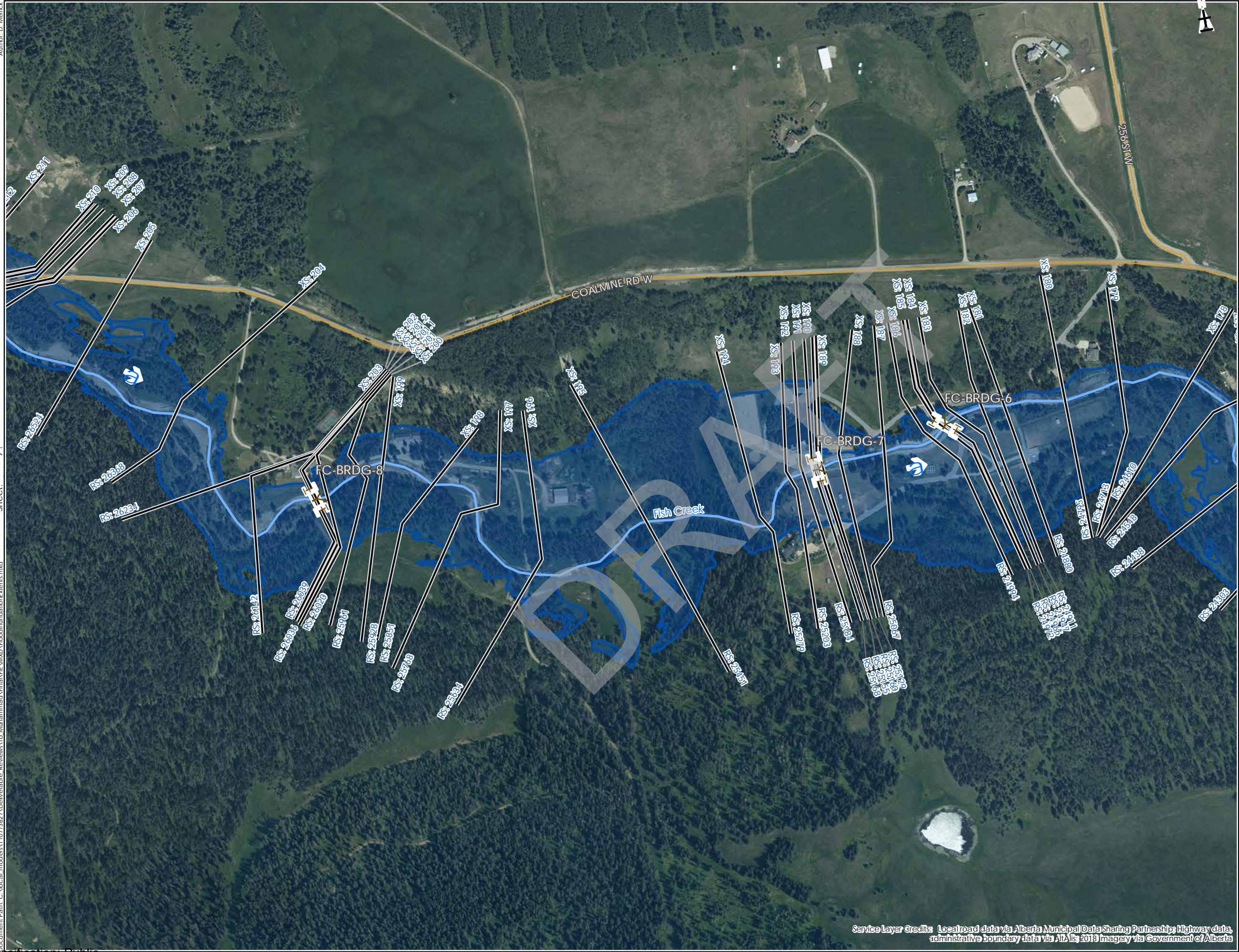
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Metres

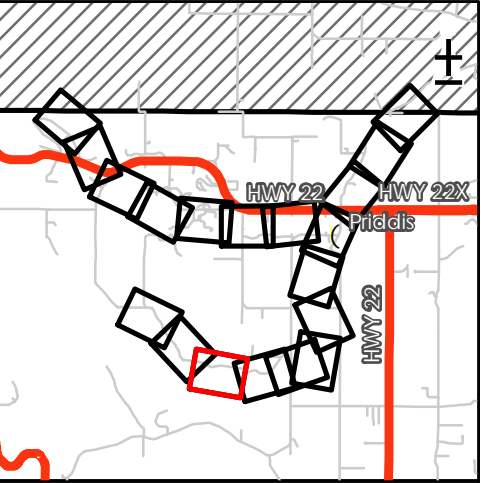
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Priddis River Hazard Study		
200-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 9 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIda; 2019 Imagery via Government of Alberta



Flood Inundation Extent - 200-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 250 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

200-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
10 of 19

Project No.
110773627

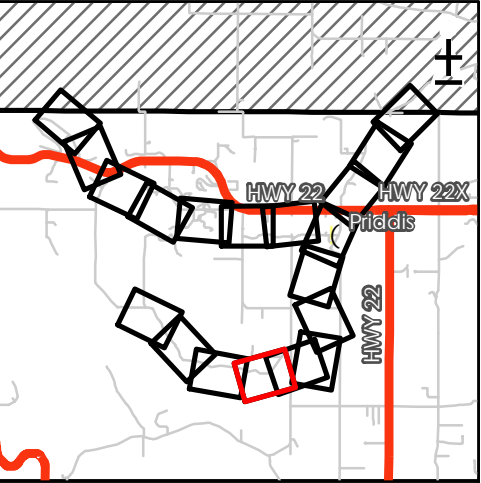
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Date:
20 October 2021

Classification: Public



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 200-year

Flow Direction

Bridge

Culvert

Cross Sections

Creek

Local Road

RS: 123 River Station

Discharge
Fish Creek: 250 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

200-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

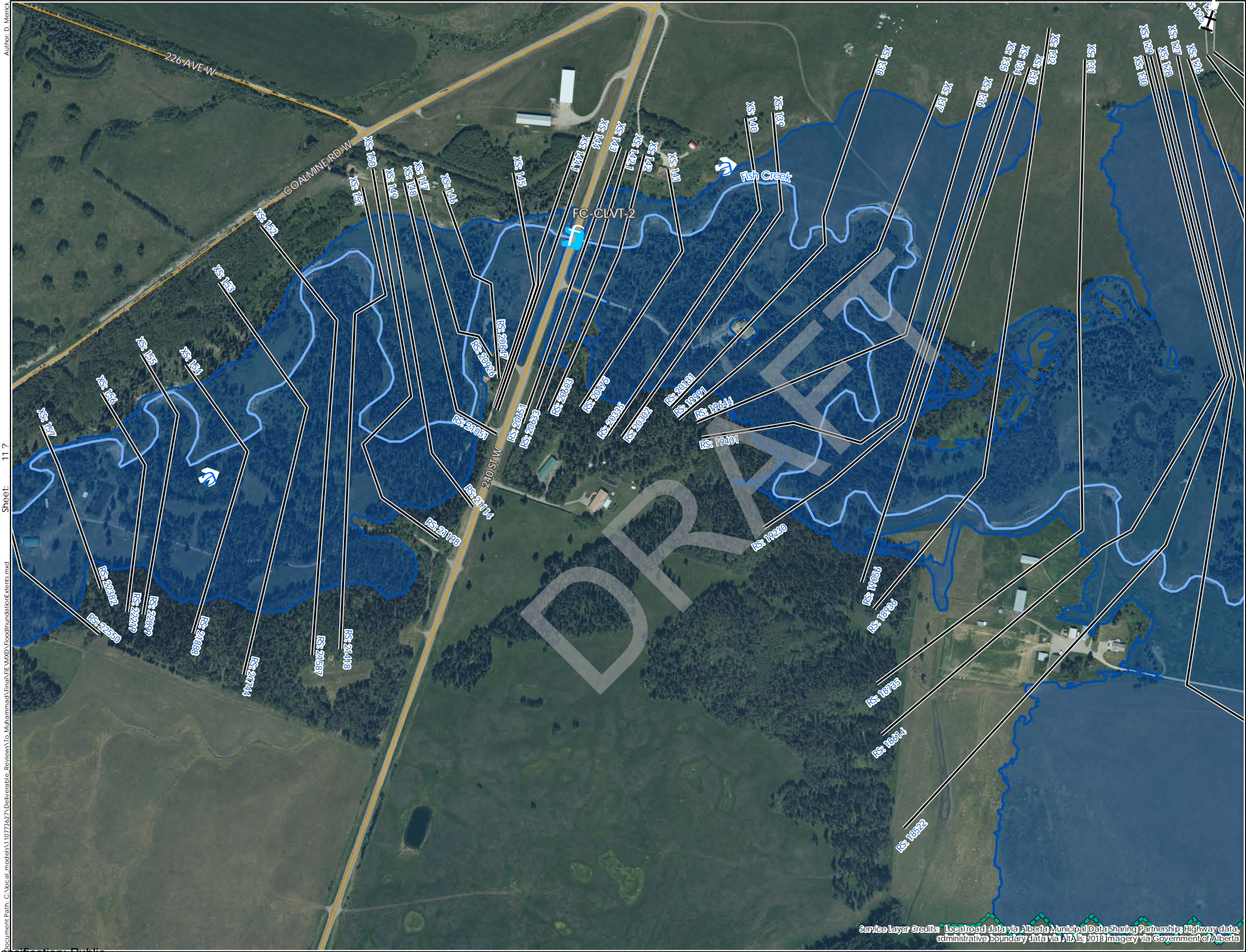
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Project No.
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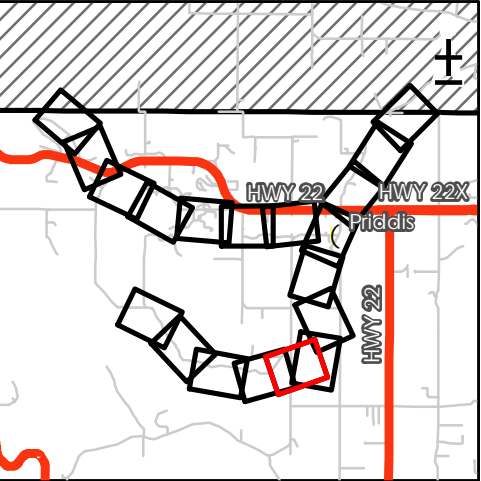
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Date:
20 October 2021

Classification: Public



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 200-year

Flow Direction

Culvert

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 250 m³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study

200-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

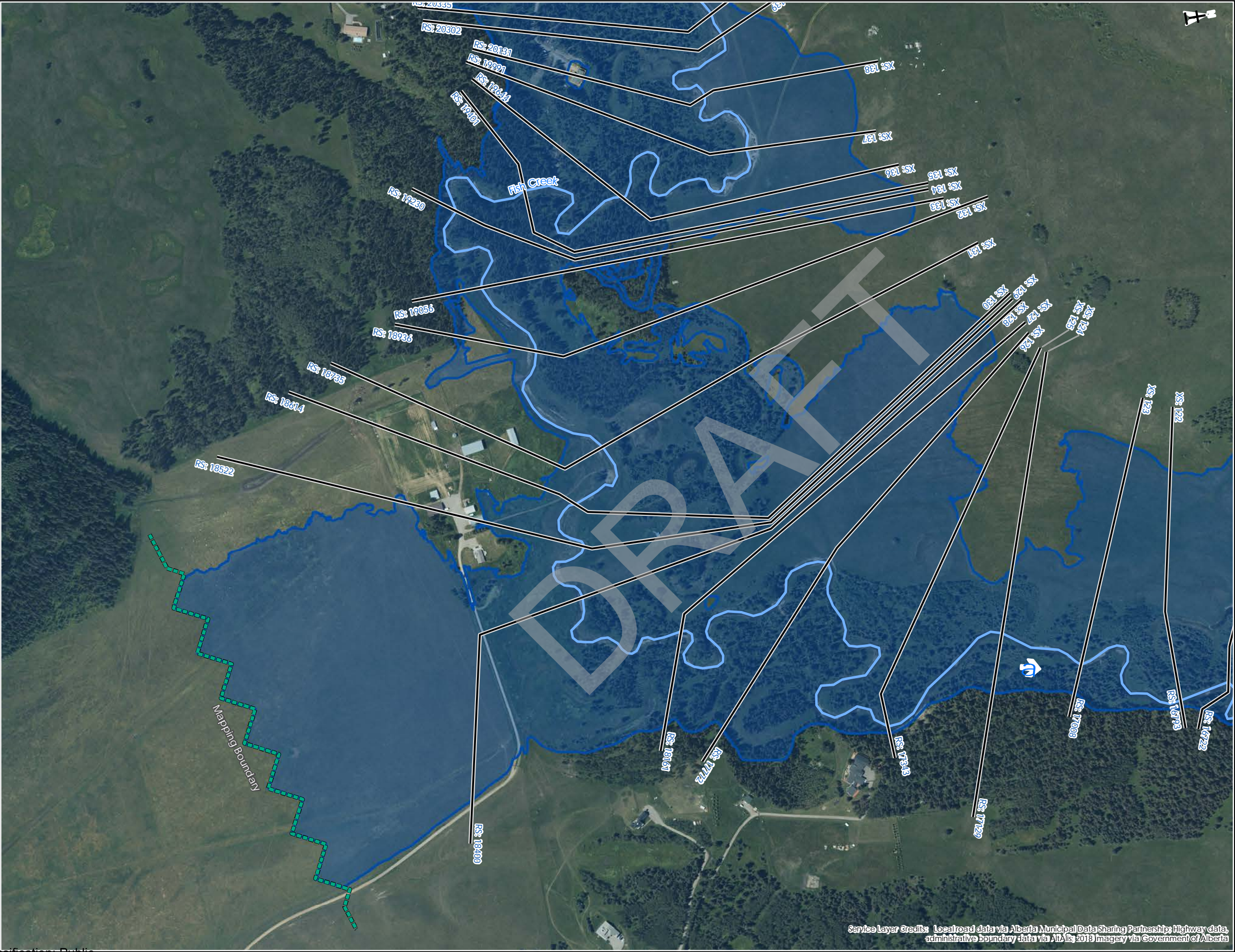
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Project No.
110773627

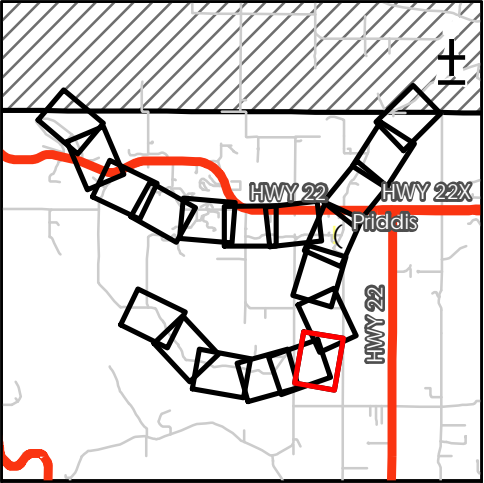
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A

Date:
20 October 2021

Classification: Public



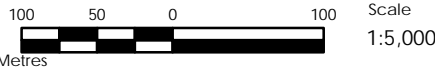
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- Flood Inundation Extent - 200-year
- Flow Direction
- Culvert
- Cross Sections
- Creek
- Local Road

RS:123 River Station

Discharge
Fish Creek: 250 m³/s



Priddis River Hazard Study

200-Year Flood Inundation Extent

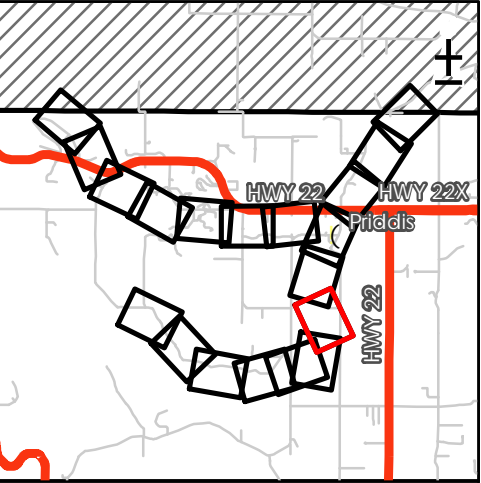
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Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 13 of 19
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Project No. 110773627	REV. A	Date: 20 October 2021
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Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 200-year

Flow Direction

Bridge

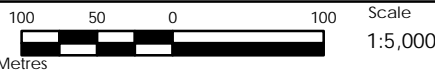
Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 250 m³/s



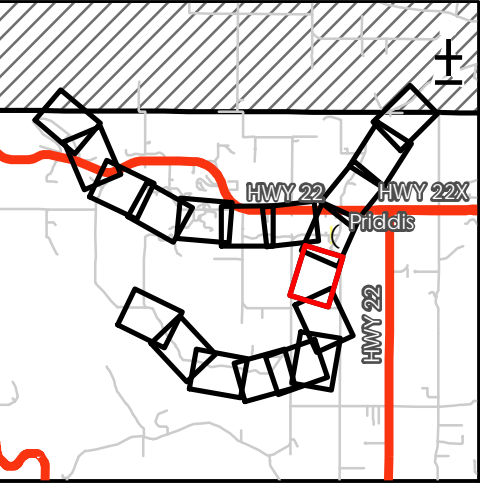
Priddis River Hazard Study

200-Year Flood Inundation Extent

GIS: MA QA/QC: JB Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114 Sheet: 14 of 19

Project No: 110773627 REV: A Date: 20 October 2021



- Flood Inundation Extent - 200-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS: 123 River Station

Discharge
Fish Creek: 250 m³/s

100

50

0

100

Metres

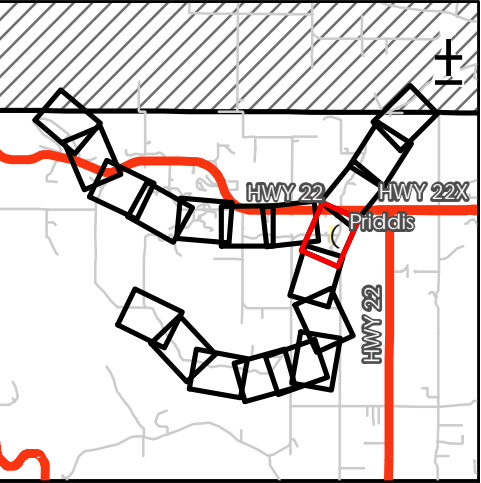
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Priddis River Hazard Study		
200-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 15 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Alberta
Government

Stantec

Flood Inundation Extent - 200-year

Flow Direction

Bridge

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123 River Station

Discharge
Fish Creek above cross section 56: 250 m³/s
Fish Creek below cross section 56: 438 m³/s
Priddis Creek: 188 m³/s

100

50

0

100

Metres

Scale
1:5,000

Priddis River Hazard Study

200-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

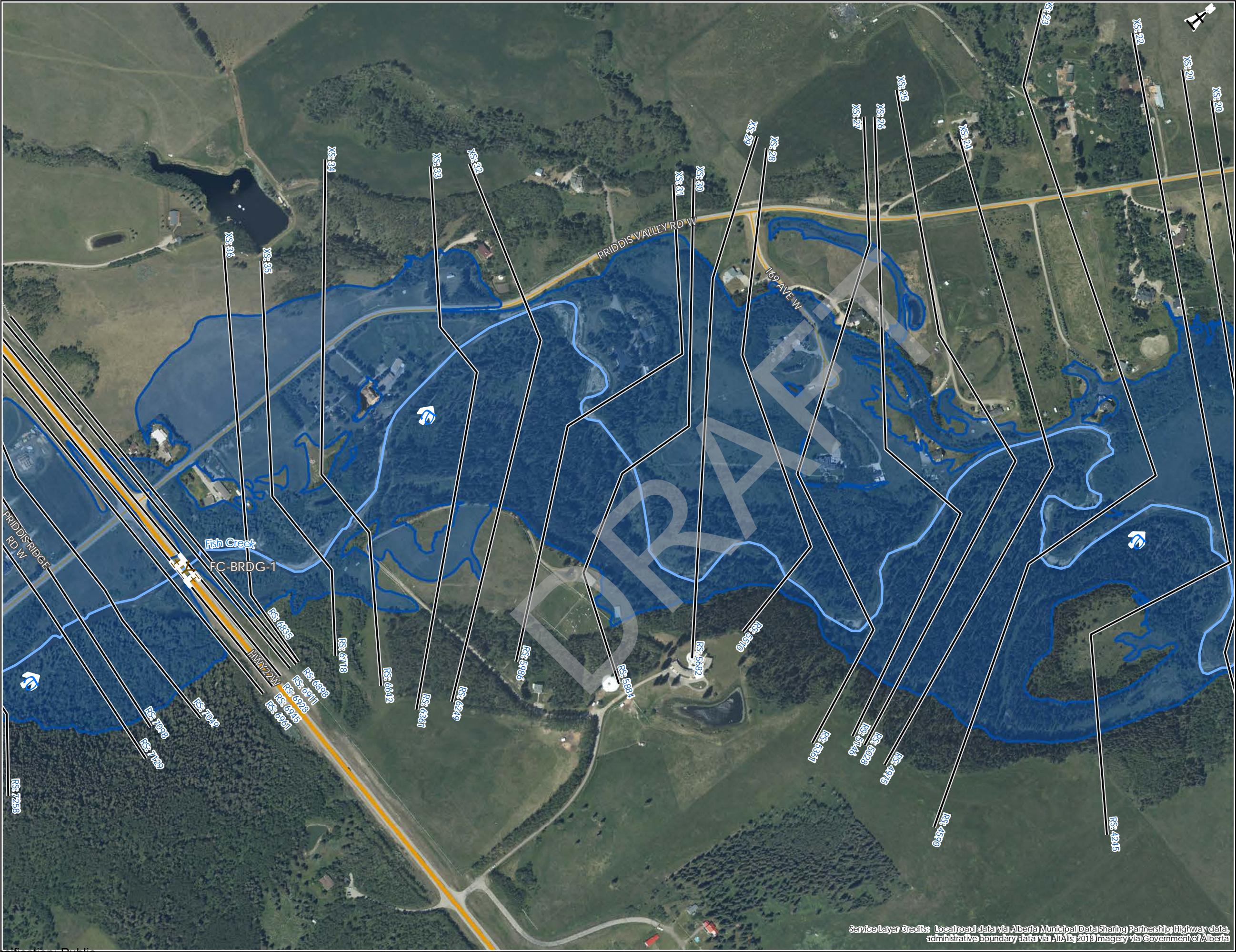
Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
16 of 19

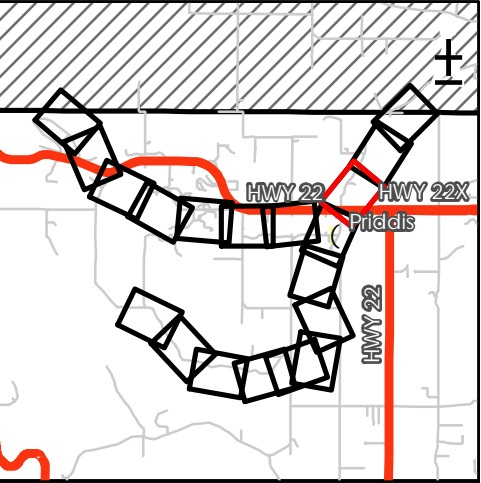
Project No.
110773627

REV.
A

Date:
20 October 2021

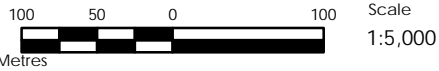


Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AITLis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 200-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Major Road
- Local Road
- RS:123 River Station

Discharge
Fish Creek: 438 m³/s

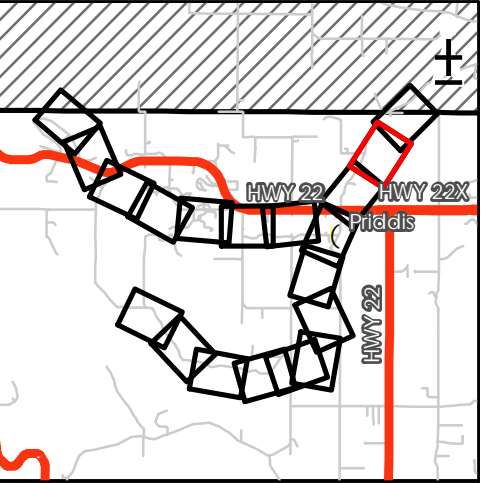


Priddis River Hazard Study 200-Year Flood Inundation Extent

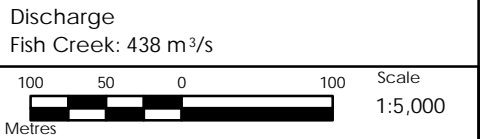
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Spatial Ref: NAD 1983 CSRS 3TM 114 Sheet: 17 of 19

Project No. 110773627 REV. A Date: 20 October 2021

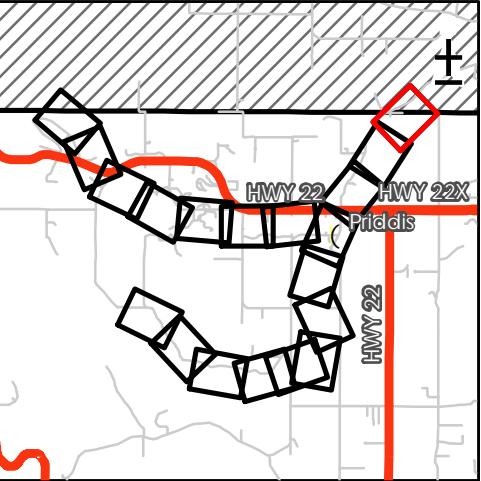
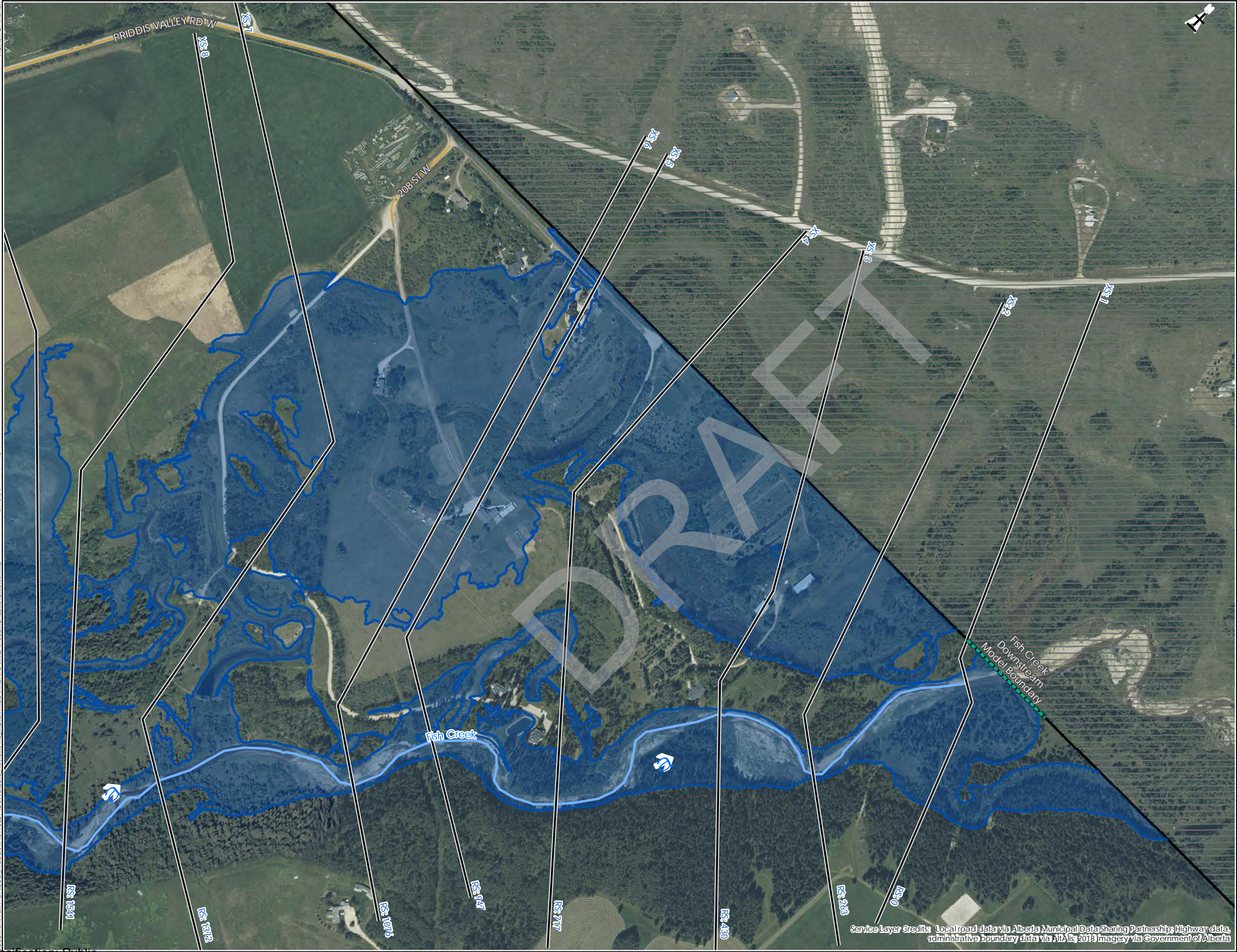


- Flood Inundation Extent - 200-year
 - Flow Direction
 - Cross Sections
 - Creek
 - Local Road
- RS:123 River Station



Priddis River Hazard Study		
200-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 18 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

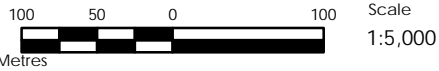
Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via AIA; 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 200-year
- Flow Direction
- Cross Sections
- Creek
- Local Road
- Tsuut'ina Nation

RS:123 River Station

Discharge
Fish Creek: 438 m³/s



Priddis River Hazard Study

200-Year Flood Inundation Extent

GIS: MA QA/QC: JB Approved: MW

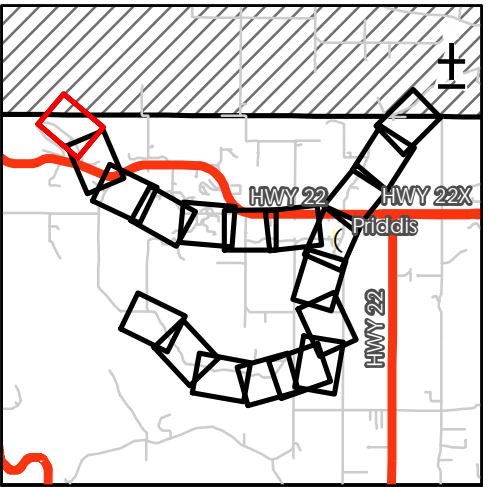
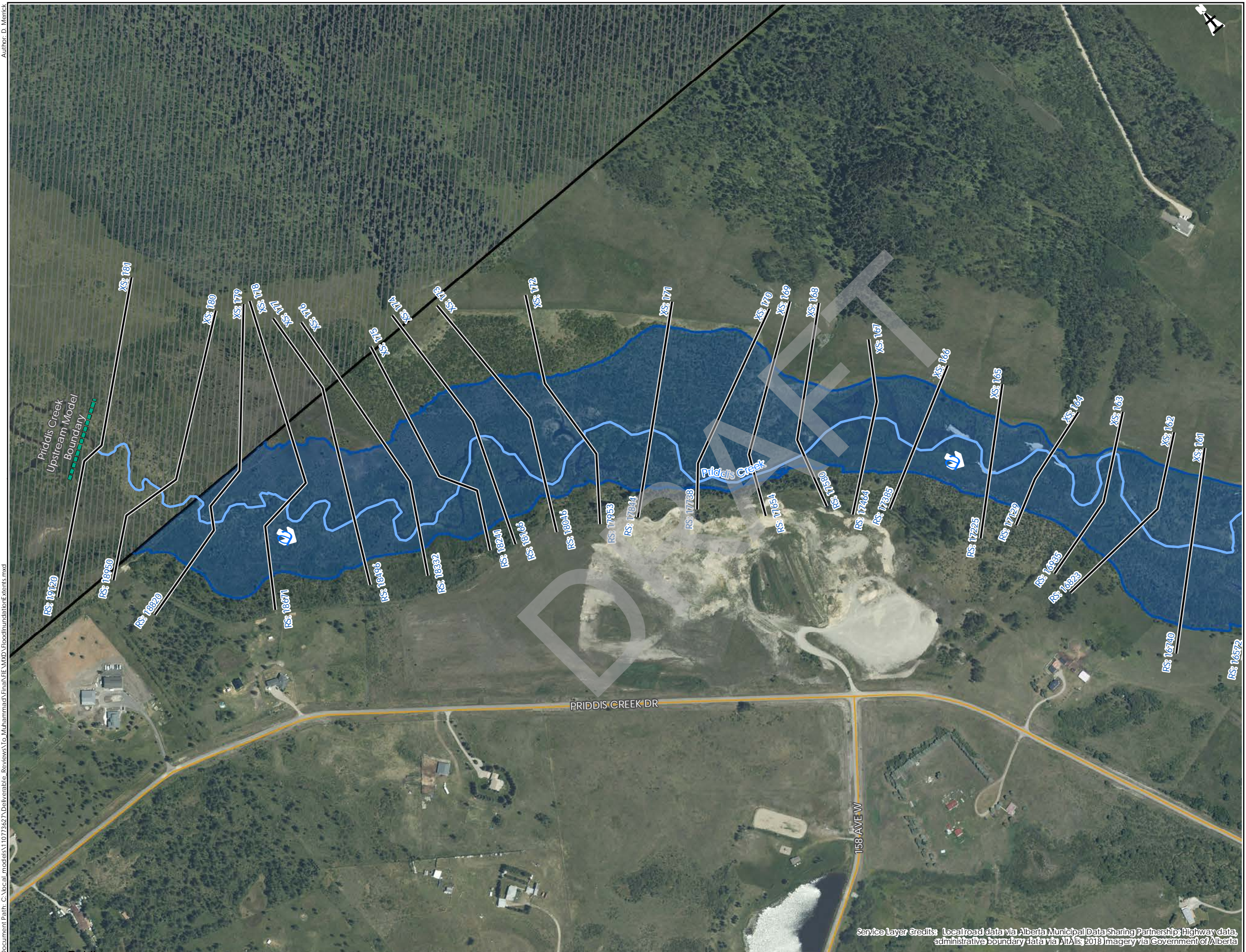
Spatial Ref: NAD 1983 CSRS 3TM 114 Sheet: 19 of 19

Project No. 110773627 REV. A Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIT/Alis 2018 Imagery via Government of Alberta

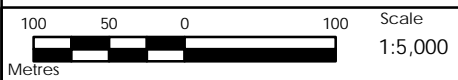
350-year Flood Inundation Extent (Sheets 1 to 19)

DRAFT



-
- Legend:
- Flood Inundation Extent - 350-year
 - Flow Direction
 - Cross Sections
 - Creek
 - Major Road
 - Local Road
 - Tsuut'ina Nation
- RS:123 River Station

Discharge
Priddis Creek: 237 m³/s

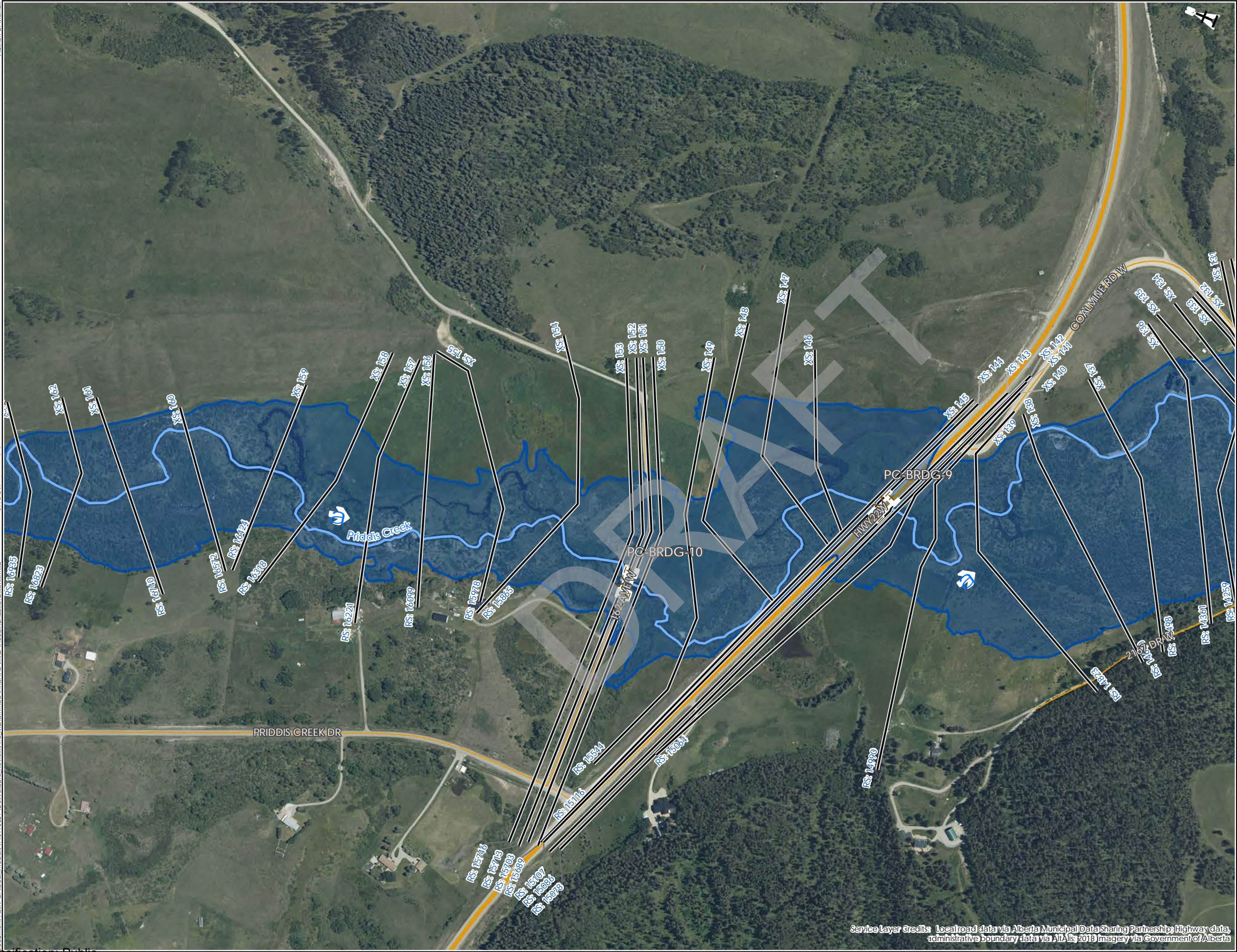


Priddis River Hazard Study

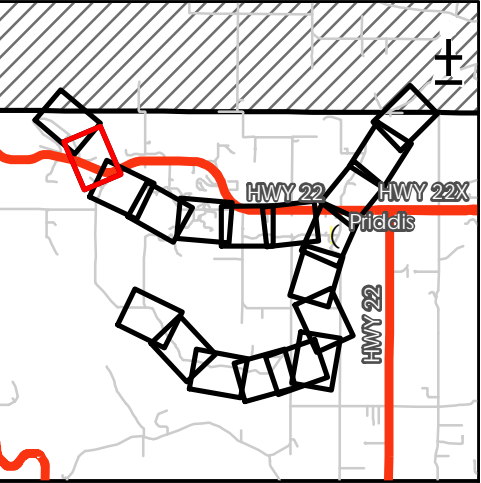
350-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 1 of 19
Project No. 110773627	REV. A	Date: 20 October 2021

Author: D. Merrick
Sheet: 1 ?
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Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AltaLis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 350-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS: 123

River Station

Discharge
Priddis Creek: 237 m³/s

100

50

0

100

Metres

Scale
1:5,000

Priddis River Hazard Study

350-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

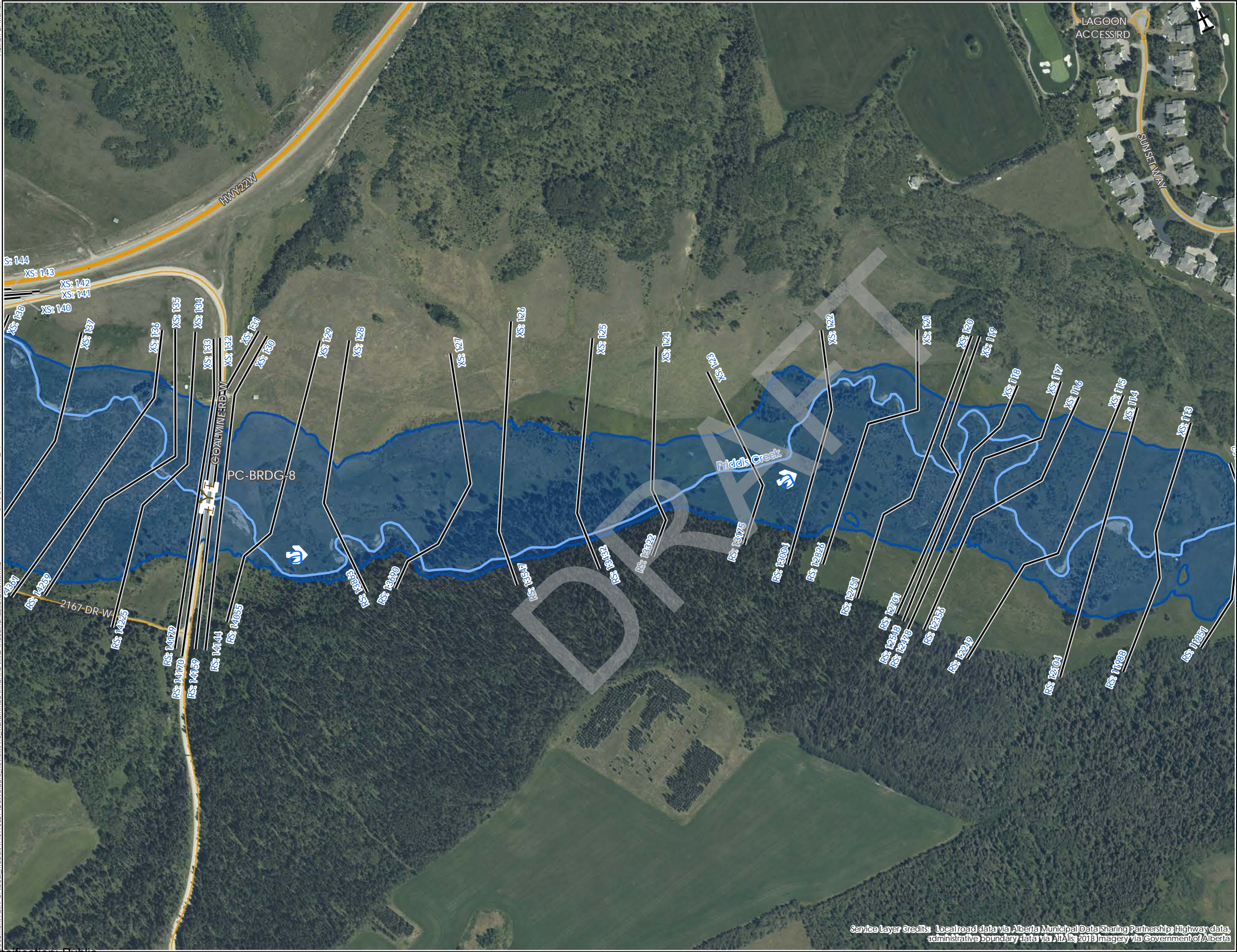
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2 of 19

Project No.
110773627

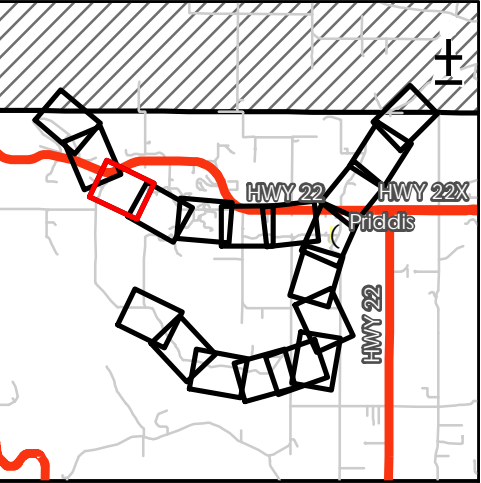
REV.
A

Date:
20 October 2021

Classification: Public



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA's 2018 Imagery via Government of Alberta



Flood Inundation Extent - 350-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS: 123 River Station

Discharge
Priddis Creek: 237 m³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study

350-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

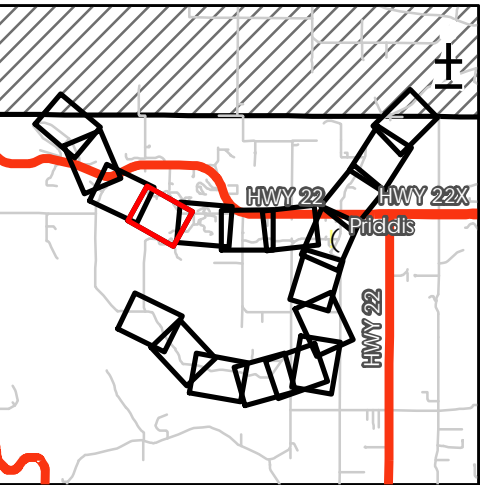
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NAD 1983 CSRS 3TM 114

Sheet:
3 of 19

Project No.
110773627

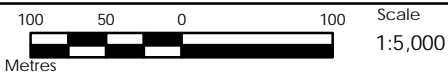
REV.
A

Date:
20 October 2021



-
- Legend:
- Flood Inundation Extent - 350-year
 - Flow Direction
 - Bridge
 - Culvert
 - Cross Sections
 - Creek
 - Local Road
 - RS: 123 River Station

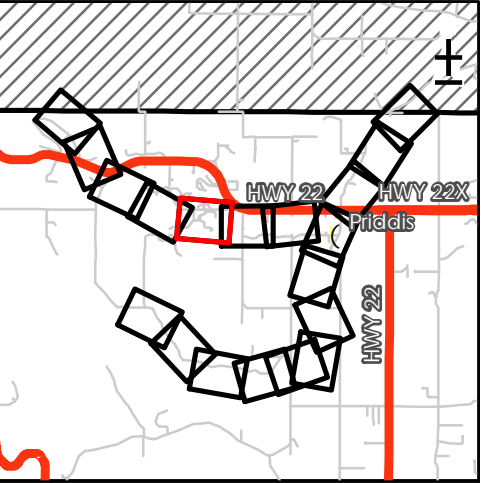
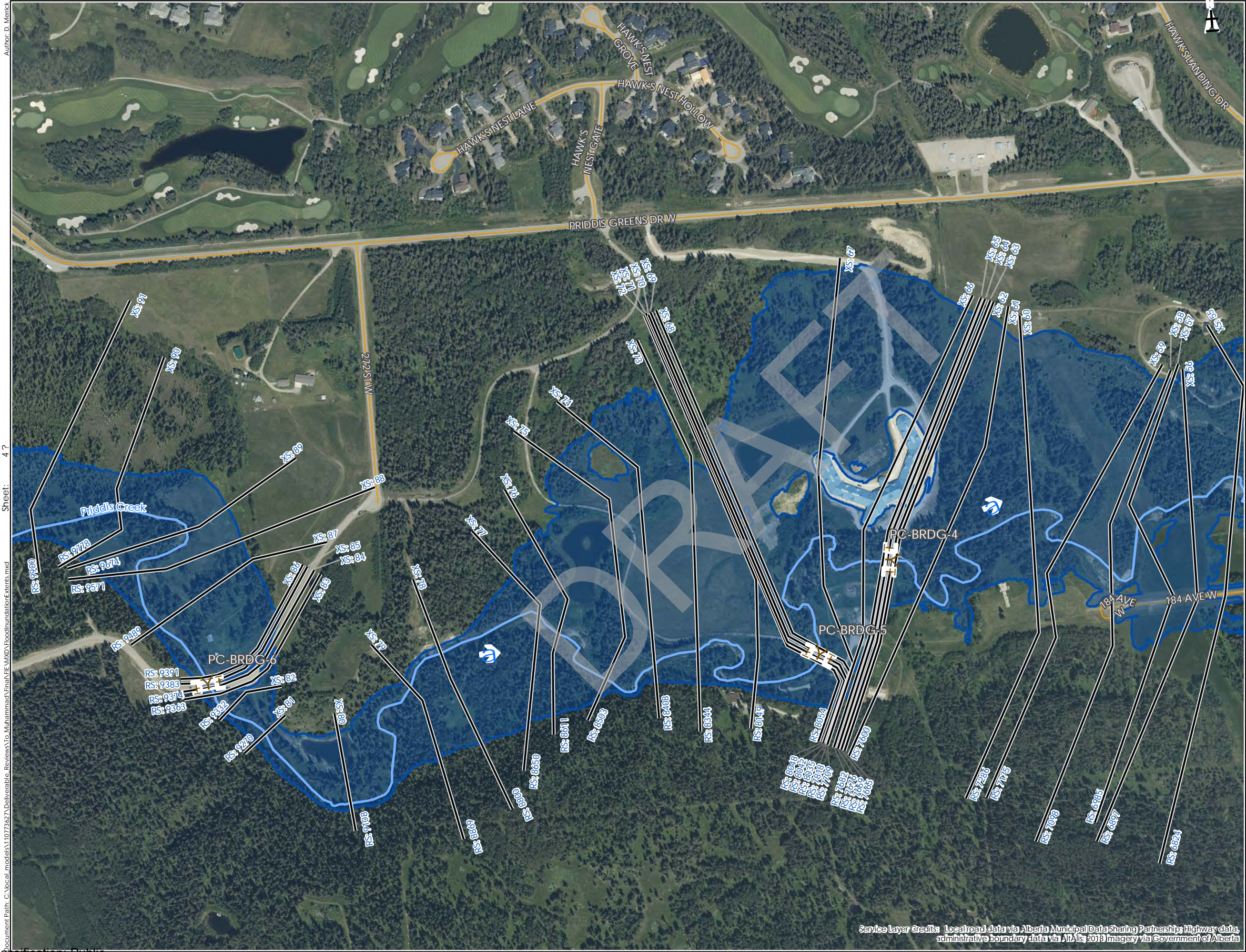
Discharge
Priddis Creek: 237 m³/s



Priddis River Hazard Study

350-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 4 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Flood Inundation Extent - 350-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

River Station

Discharge
Priddis Creek: 237 m³/s

100

50

0

100

Metres

Scale
1:5,000

Priddis River Hazard Study

350-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114

Sheet: 5 of 19

Project No: 110773627

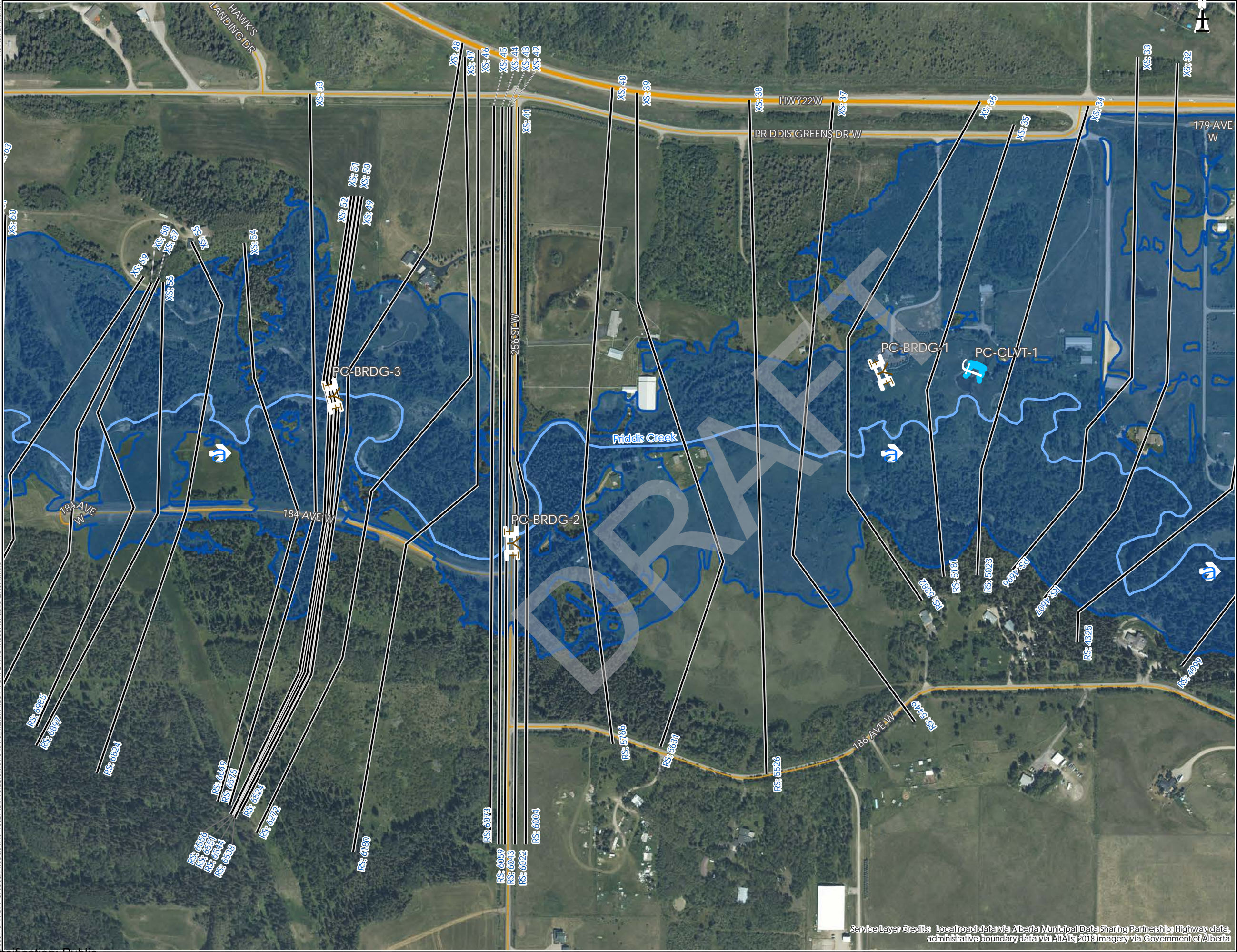
REV: A

Date: 20 October 2021

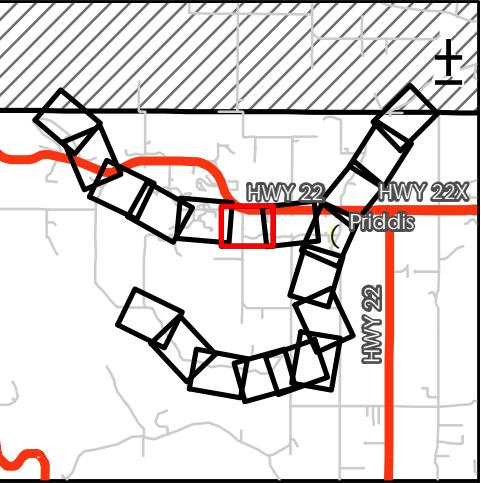
Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA's 2018 Imagery via Government of Alberta

Classification: Public

Author: D. Merrick
Sheet: 5 ?
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Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 350-year

Flow Direction

Bridge

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123 River Station

Discharge
Priddis Creek: 237 m³/s

100

50

0

100

Metres

Scale
1:5,000

Priddis River Hazard Study

350-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Spatial Ref:
NAD 1983 CSRS 3TM 114

Project No.
110773627

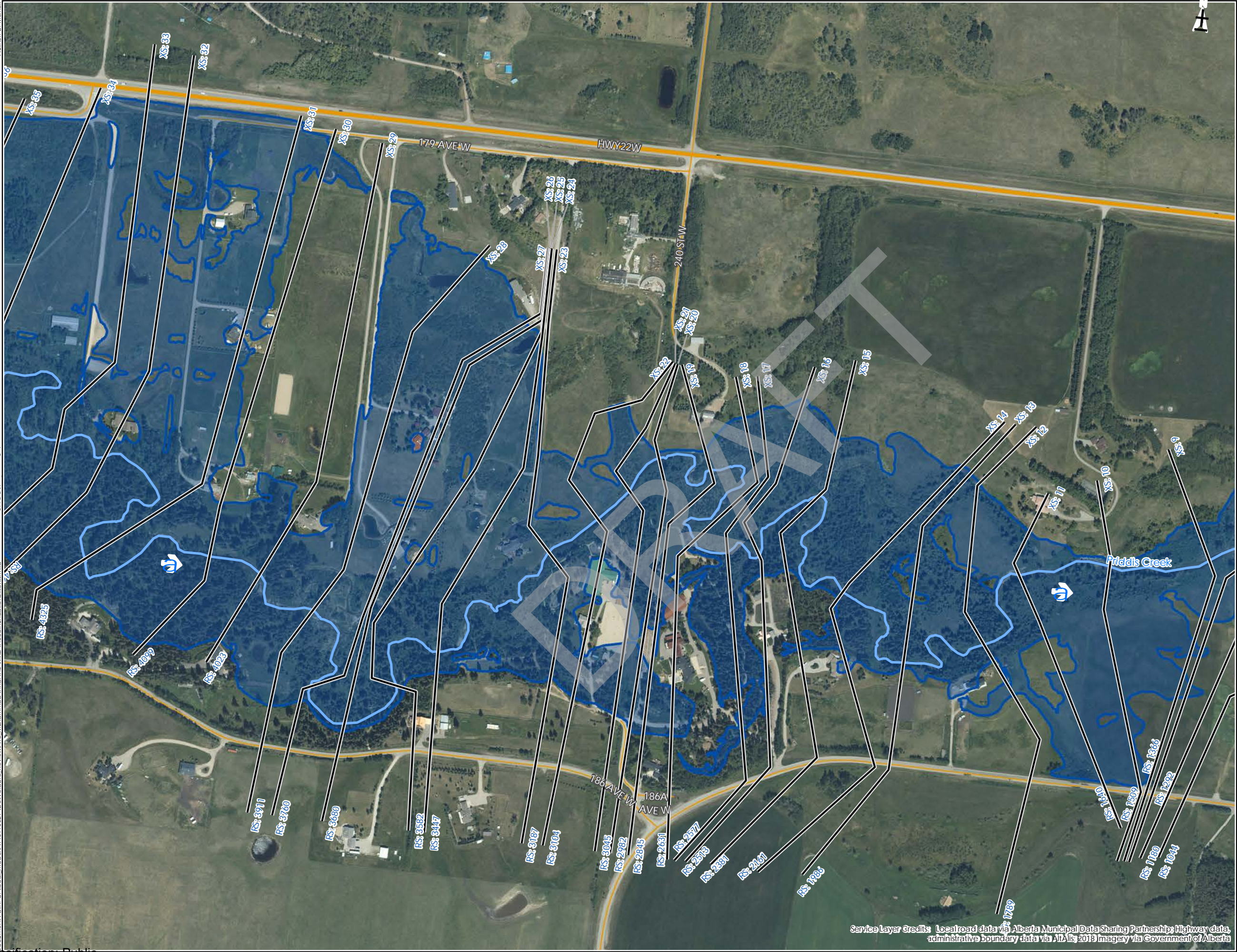
Approved:
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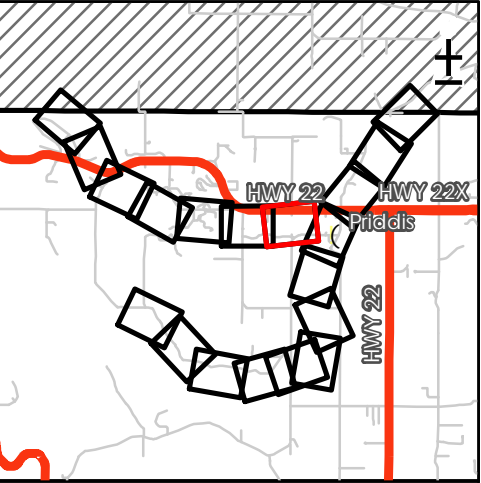
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Date:
20 October 2021

Author: D. Merrick
Sheet: 6 ?
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Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 350-year

Flow Direction

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123 River Station

Discharge
Priddis Creek: 237 m³/s

100

50

0

100

Metres

Scale
1:5,000

Priddis River Hazard Study

350-Year Flood Inundation Extent

GIS: MA

Spatial Ref: NAD 1983 CSRS 3TM 114

Project No: 110773627

QA/QC: JB

REV: A

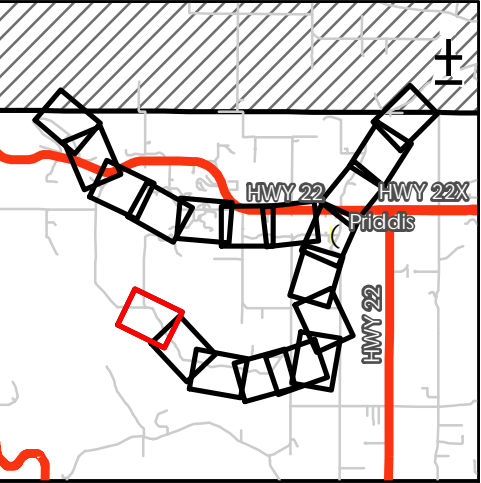
Approved: MW

Sheet: 7 of 19

Date: 20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIT/Alis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 350-year

a

Flow Direction

± Y ±

Bridge

—

Cross Sections

—

Creek

—

Local Road

RS: 123

River Station

Discharge
Fish Creek: 314 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

350-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

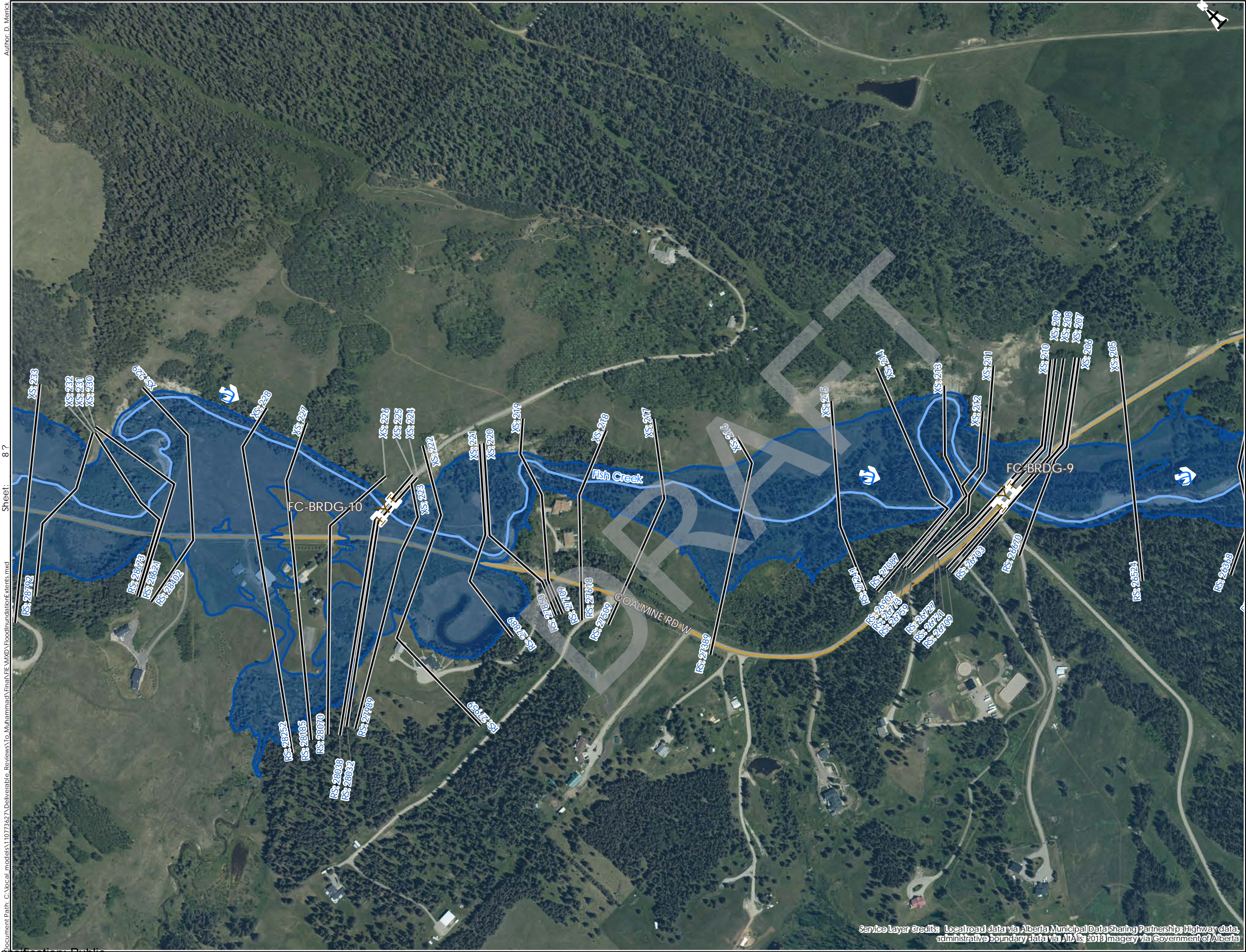
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8 of 19

Project No.
110773627

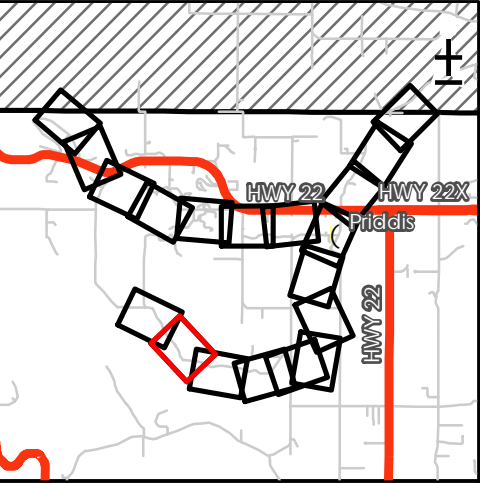
REV.
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Date:
20 October 2021

Classification: Public



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AITLis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 350-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS:123 River Station

Discharge
Fish Creek: 314 m³/s

100

50

0

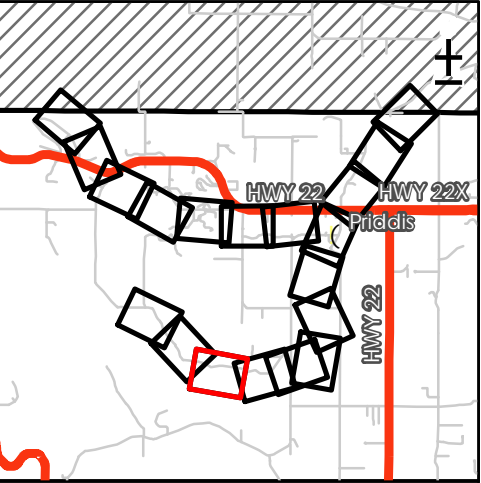
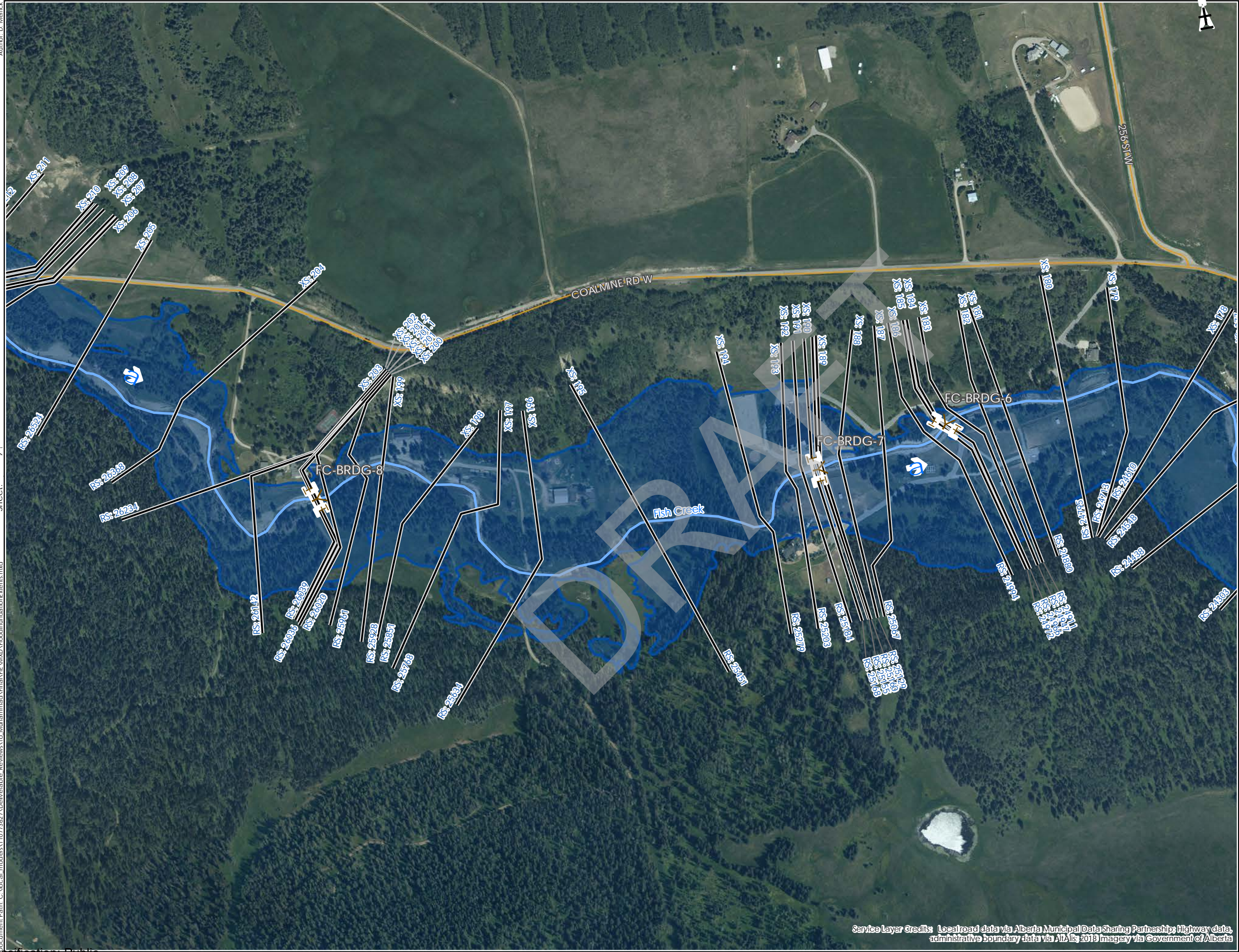
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Metres

Scale

1:5,000

Priddis River Hazard Study		
350-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 9 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Flood Inundation Extent - 350-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 314 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

350-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
10 of 19

Project No.
110773627

REV.
A

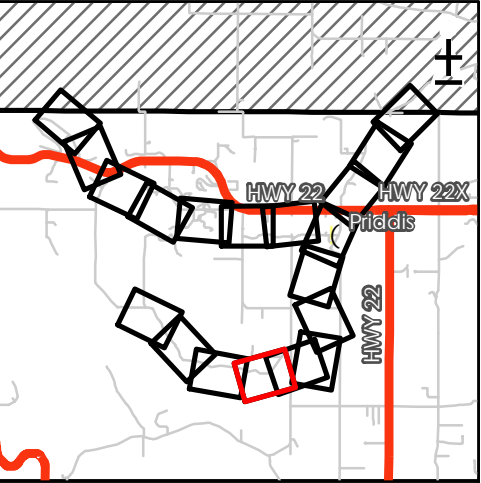
Date:
20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA; 2019 Imagery via Government of Alberta

Classification: Public



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 350-year

Flow Direction

Bridge

Culvert

Cross Sections

Creek

Local Road

RS: 123 River Station

Discharge
Fish Creek: 314 m³/s

100500100

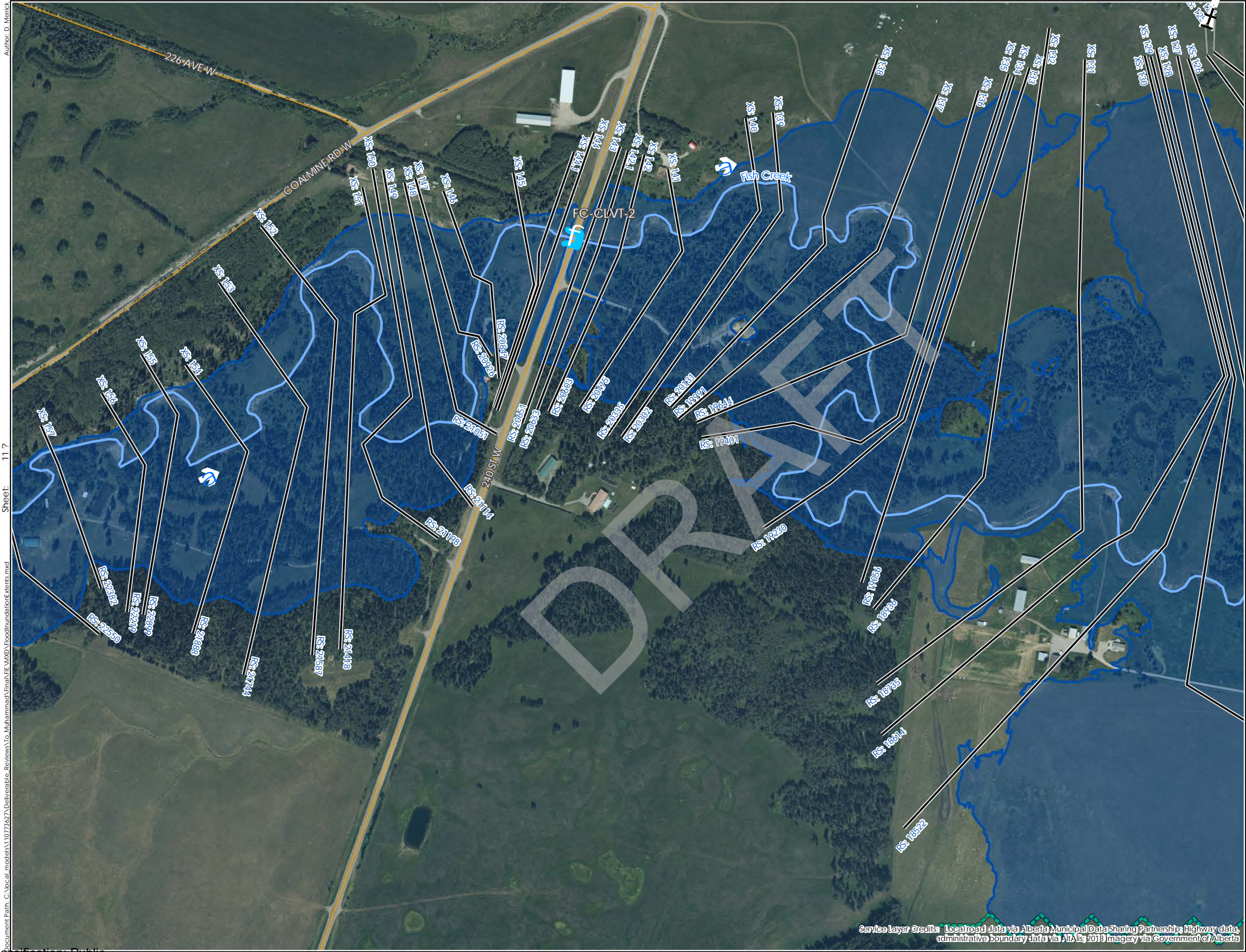
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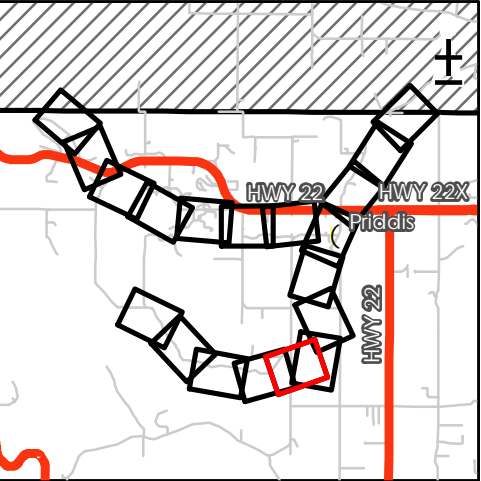
Priddis River Hazard Study

350-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 11 of 19
Project No. 110773627	REV. A	Date: 20 October 2021

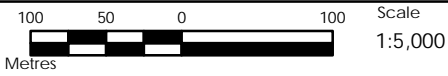


Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via Altalis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 350-year
- Flow Direction
- Culvert
- Cross Sections
- Creek
- Local Road
- RS:123 River Station

Discharge
Fish Creek: 314 m³/s



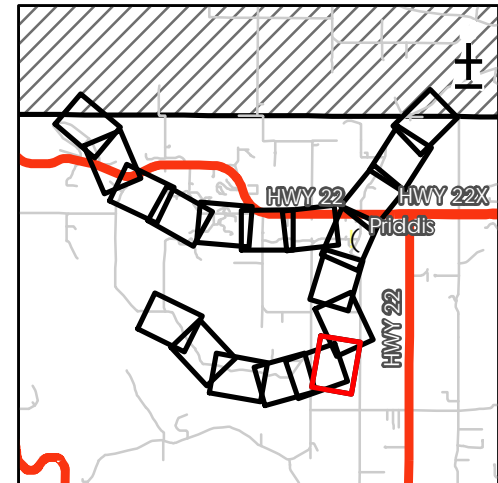
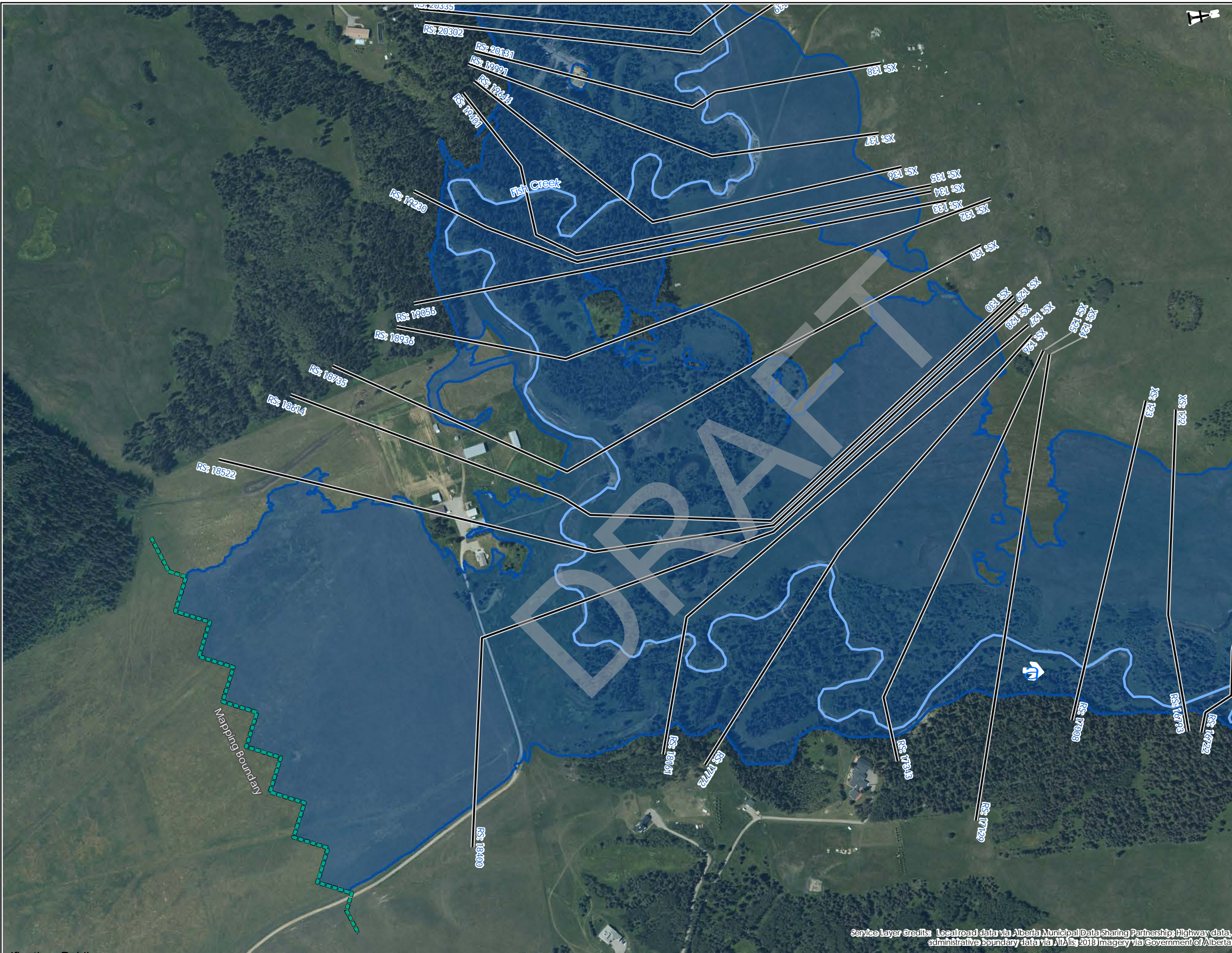
Priddis River Hazard Study







350-Year Flood Inundation Extent

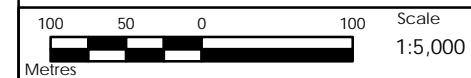
GIS: MA	QA/QC: JB	Approved: MW
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Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 12 of 19
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Project No. 110773627	REV. A	Date: 20 October 2021
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- 14 ? sheet.
-  Flood Inundation Extent - 350-year
 -  Flow Direction
 -  Culvert
 -  Cross Sections
 -  Creek
 -  Local Road
 - RS:123 River Station

Discharge
Fish Creek: 314 m³/s

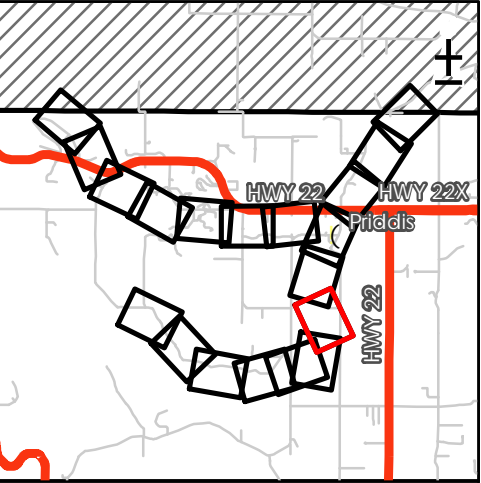
Priddis River Hazard Study

350-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 13 of 19
Project No. 110773627	REV. A	Date: 20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Alberta
Government

Stantec

Flood Inundation Extent - 350-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 314 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

350-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

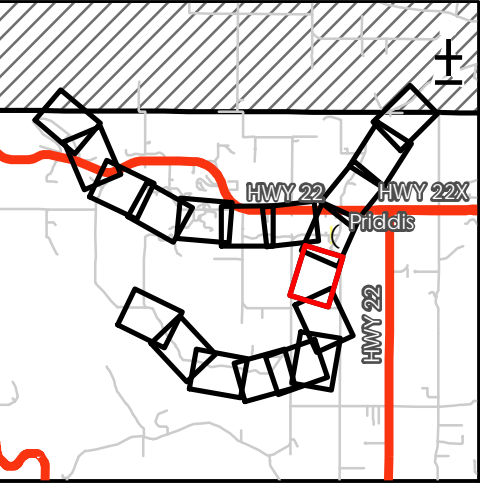
Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
14 of 19

Project No.
110773627

REV.
A

Date:
20 October 2021



- Flood Inundation Extent - 350-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS: 123 River Station

Discharge
Fish Creek: 314 m³/s

100

50

0

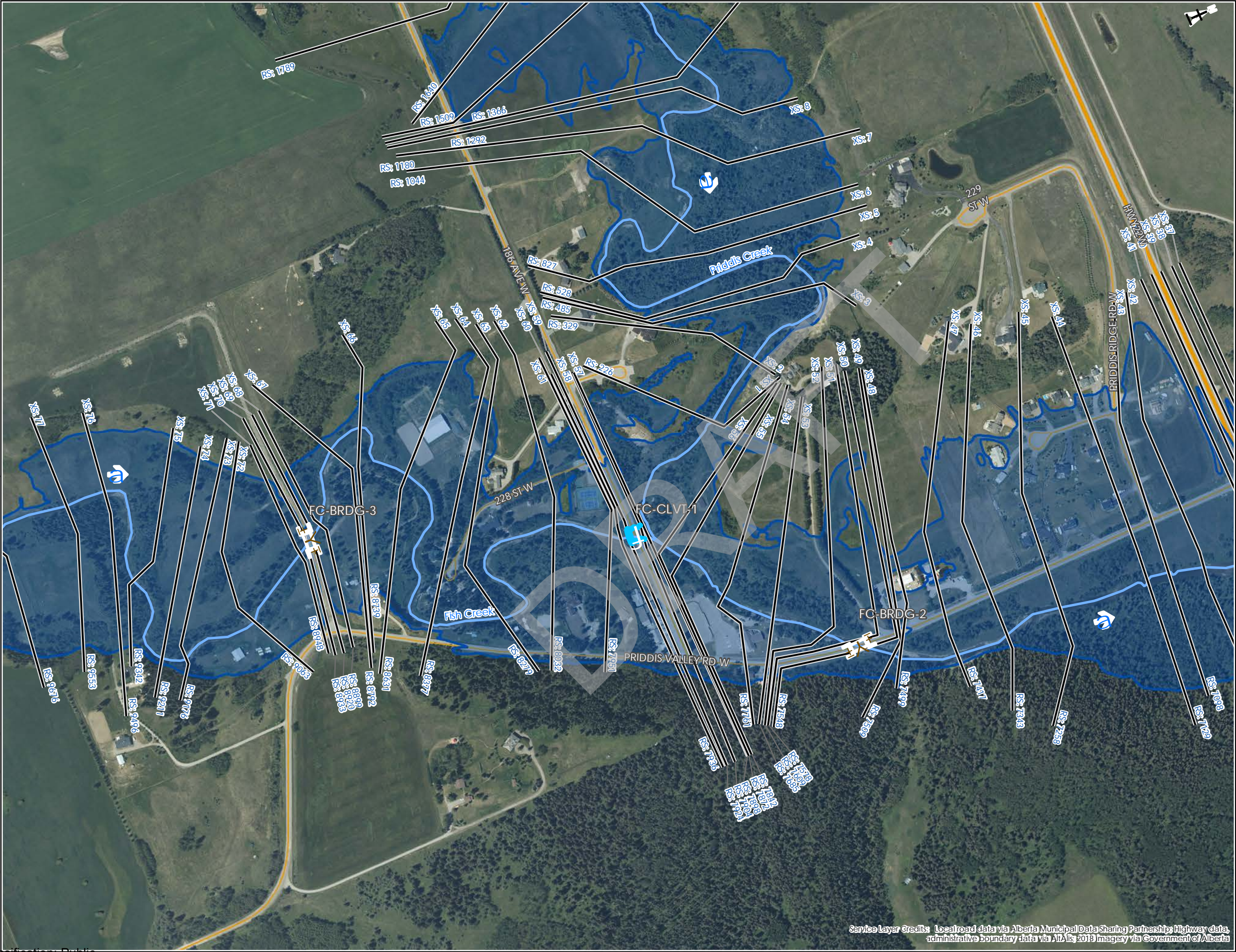
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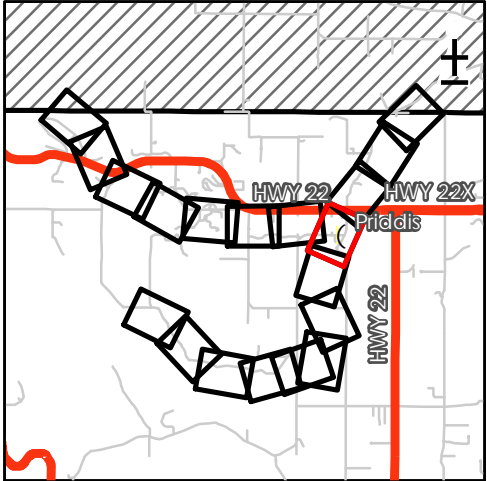
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Priddis River Hazard Study		
350-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 15 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 350-year

Flow Direction

Bridge

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123 River Station

Discharge
Fish Creek above cross section 56: 314 m ³/s
Fish Creek below cross section 56: 551 m ³/s
Priddis Creek: 237 m ³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study

350-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114

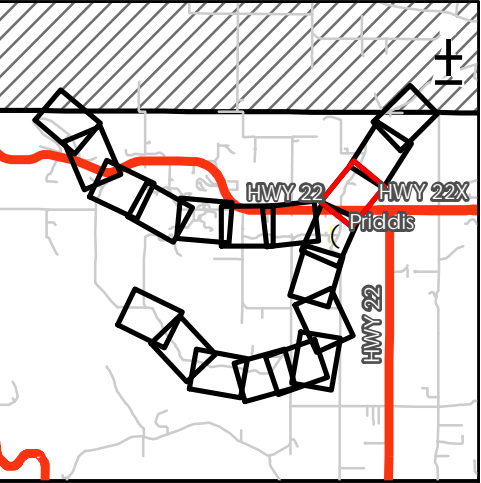
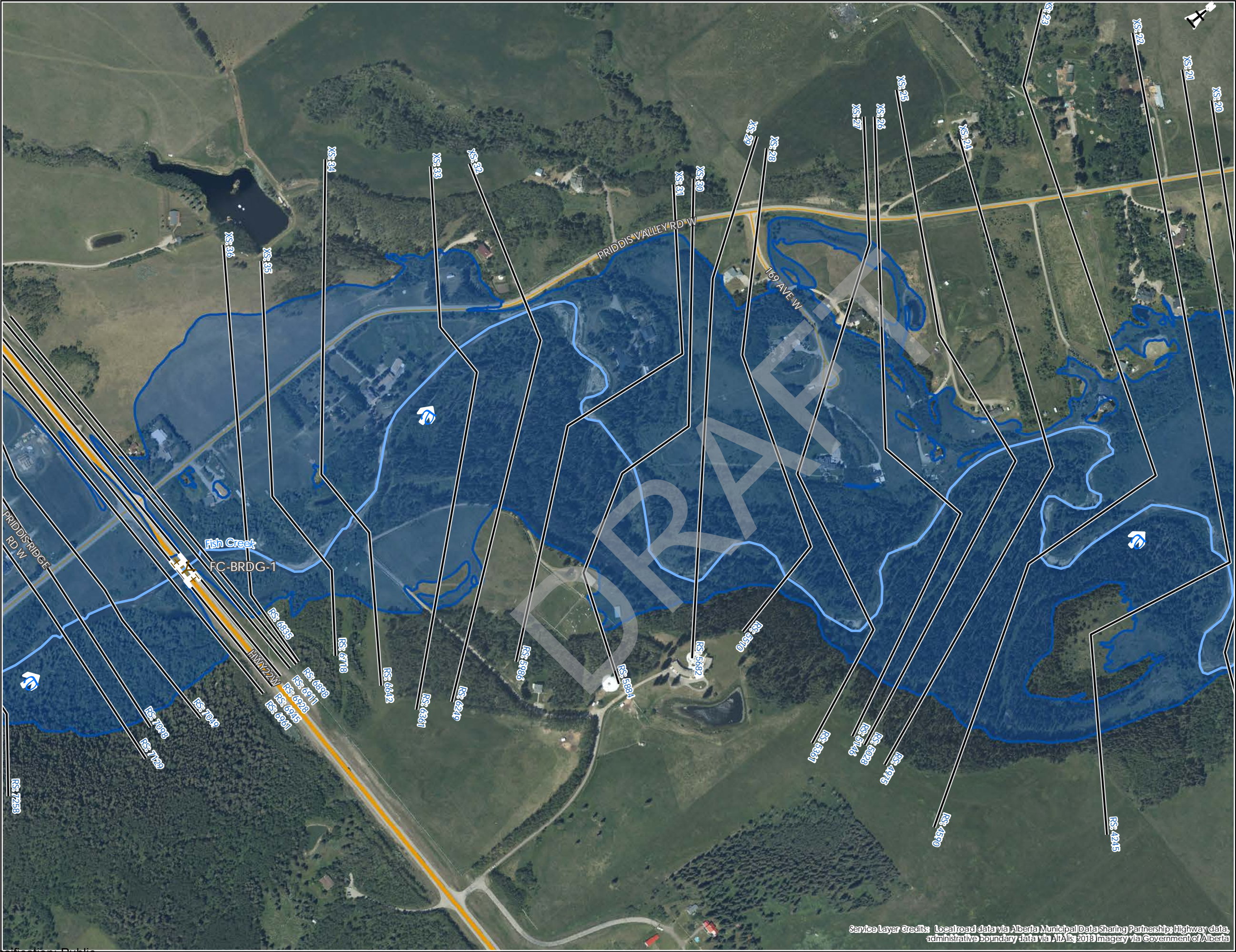
Sheet: 16 of 19

Project No. 110773627

REV. A

Date: 20 October 2021

Classification: Public



Flood Inundation Extent - 350-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123 River Station

Discharge
Fish Creek: 551 m³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study
350-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
17 of 19

Project No.
110773627

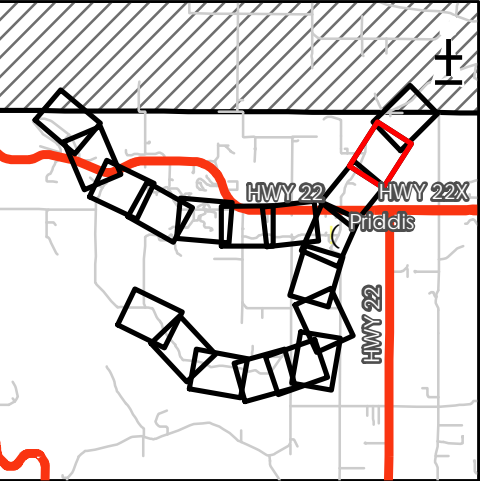
REV.
A

Date:
20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AltaLis 2018 Imagery via Government of Alberta



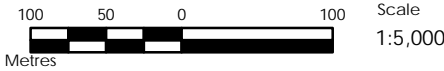
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- Flood Inundation Extent - 350-year
- Flow Direction
- Cross Sections
- Creek
- Local Road

RS:123 River Station

Discharge
Fish Creek: 551 m³/s

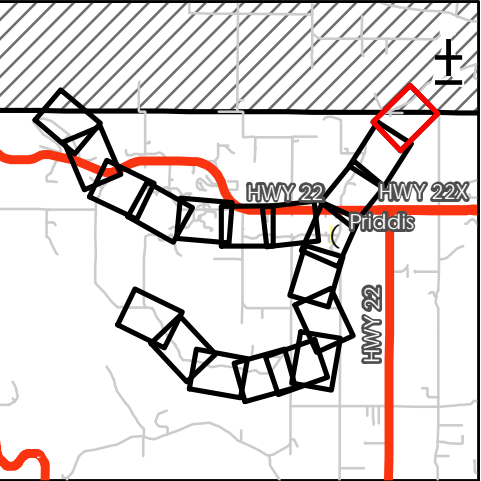
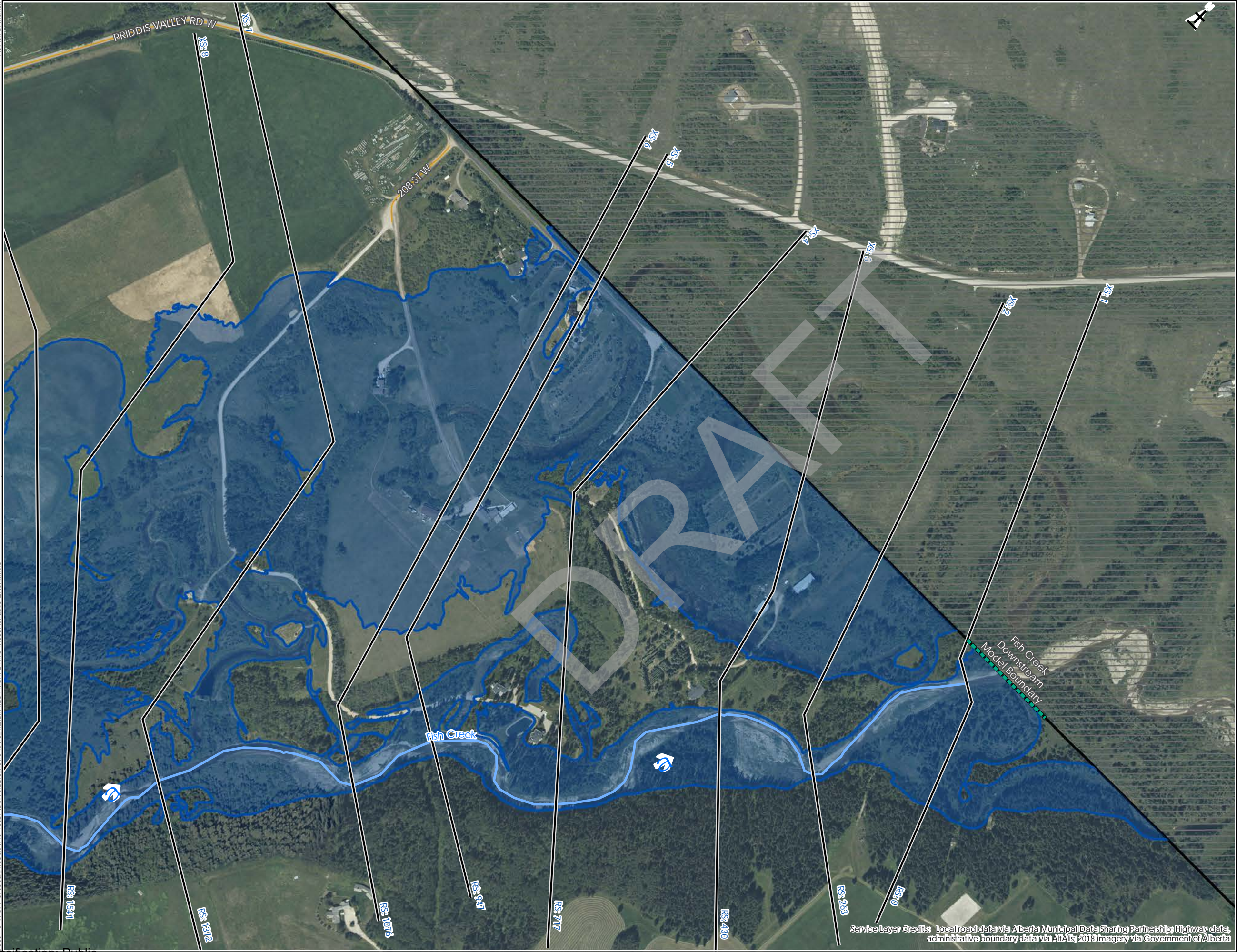


Priddis River Hazard Study 350-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
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Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 18 of 19
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Project No. 110773627	REV. A	Date: 20 October 2021
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Flood Inundation Extent - 350-year

Flow Direction

Cross Sections

Creek

Local Road

Tsuut'ina Nation

RS:123 River Station

Discharge
Fish Creek: 551 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

350-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
19 of 19

Project No.
110773627

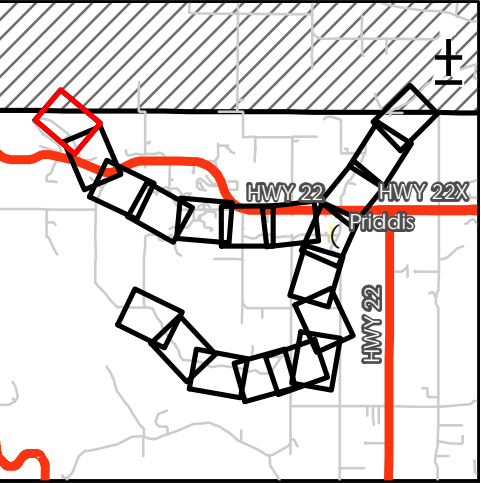
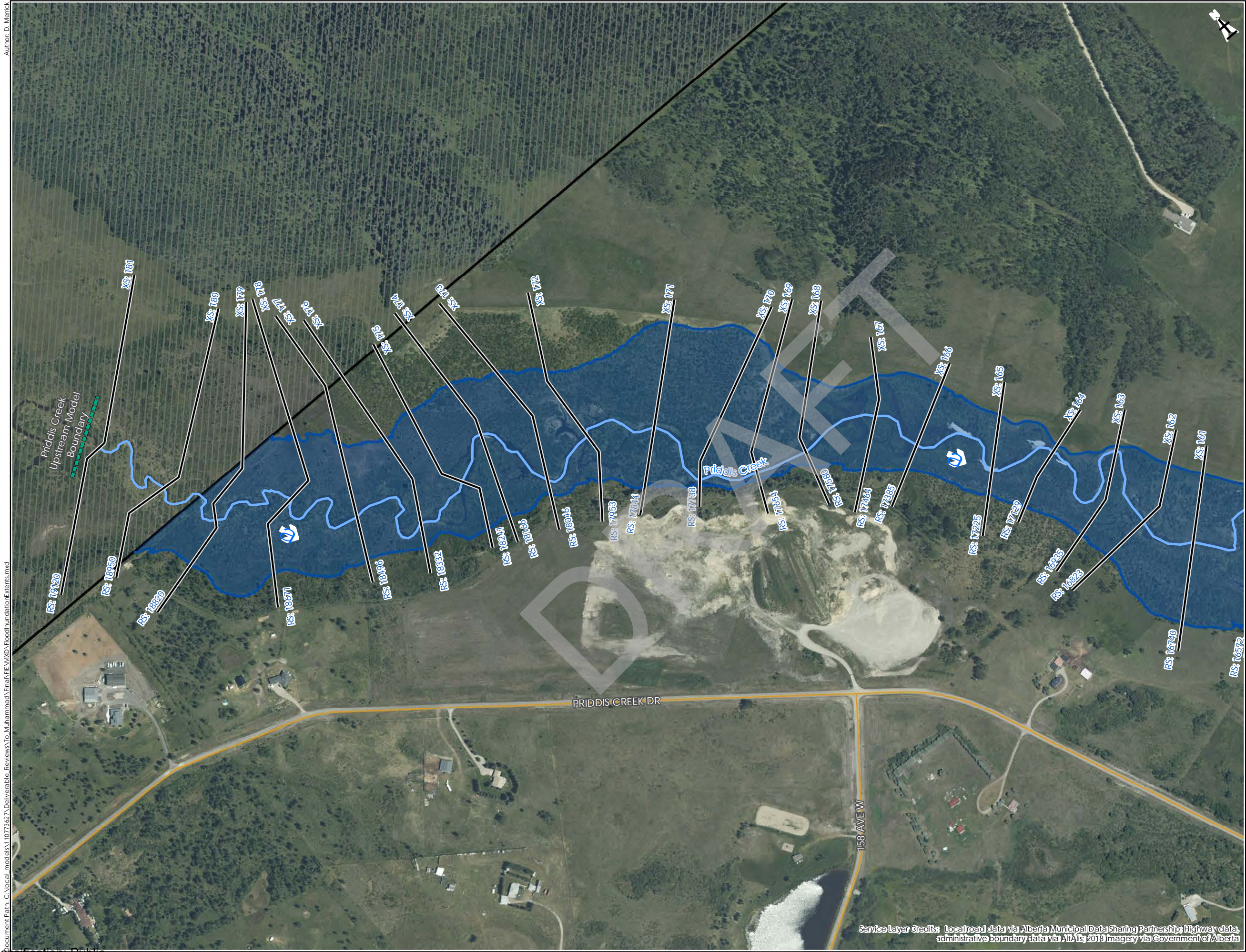
REV.
A

Date:
20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIT/Alis 2018 Imagery via Government of Alberta

500-year Flood Inundation Extent (Sheets 1 to 19)

DRAFT



Flood Inundation Extent - 500-year

Flow Direction

Cross Sections

Creek

Major Road

Local Road

Tsuut'ina Nation

RS: 123 River Station

Discharge
Priddis Creek: 271 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

500-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
1 of 19

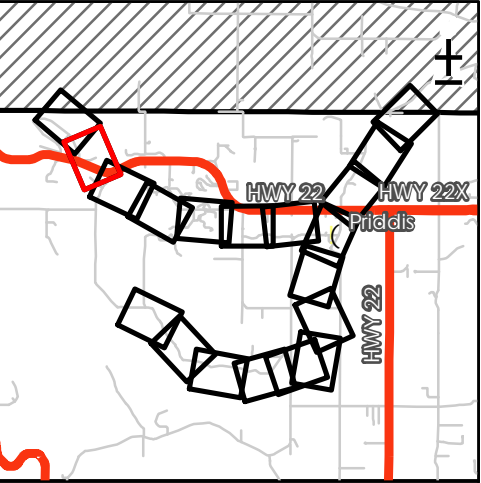
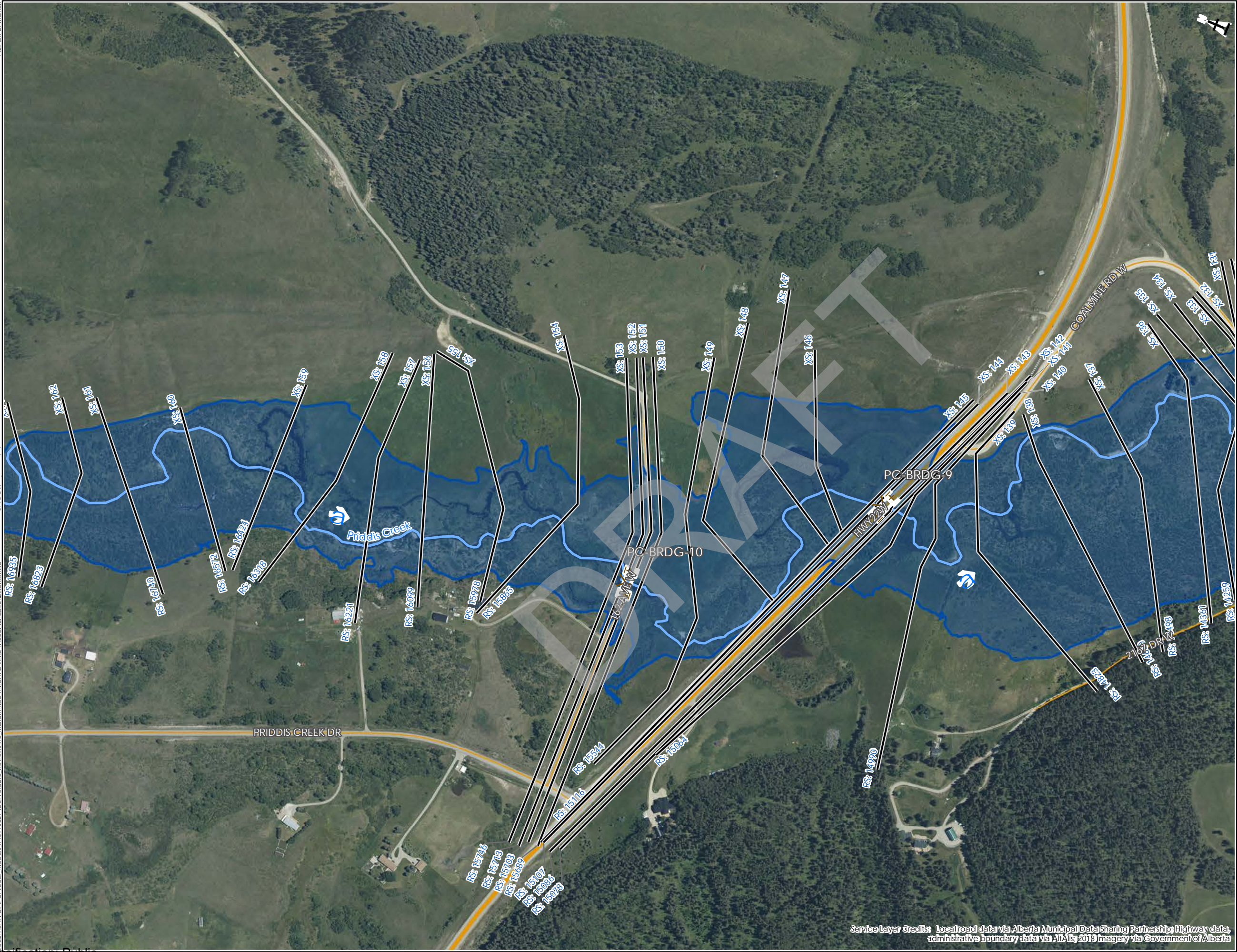
Project No.
110773627

REV.
A

Date:
20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta

Author: D. Merrick
Sheet: 1 ?
document Path: C:\local_models\110773627\Deliverable_Reviews\To_Muhammad\Final\FIN_VOXD\FloodInundation\Extents.mxd



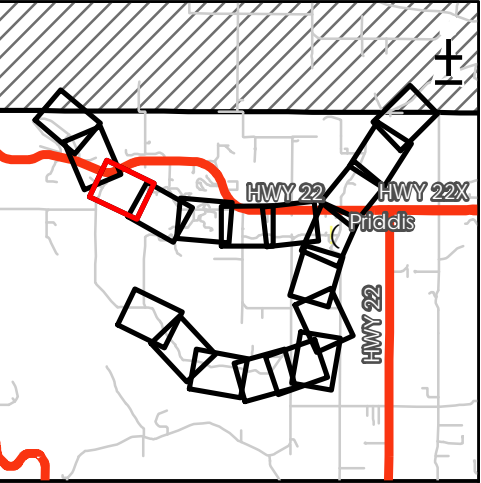
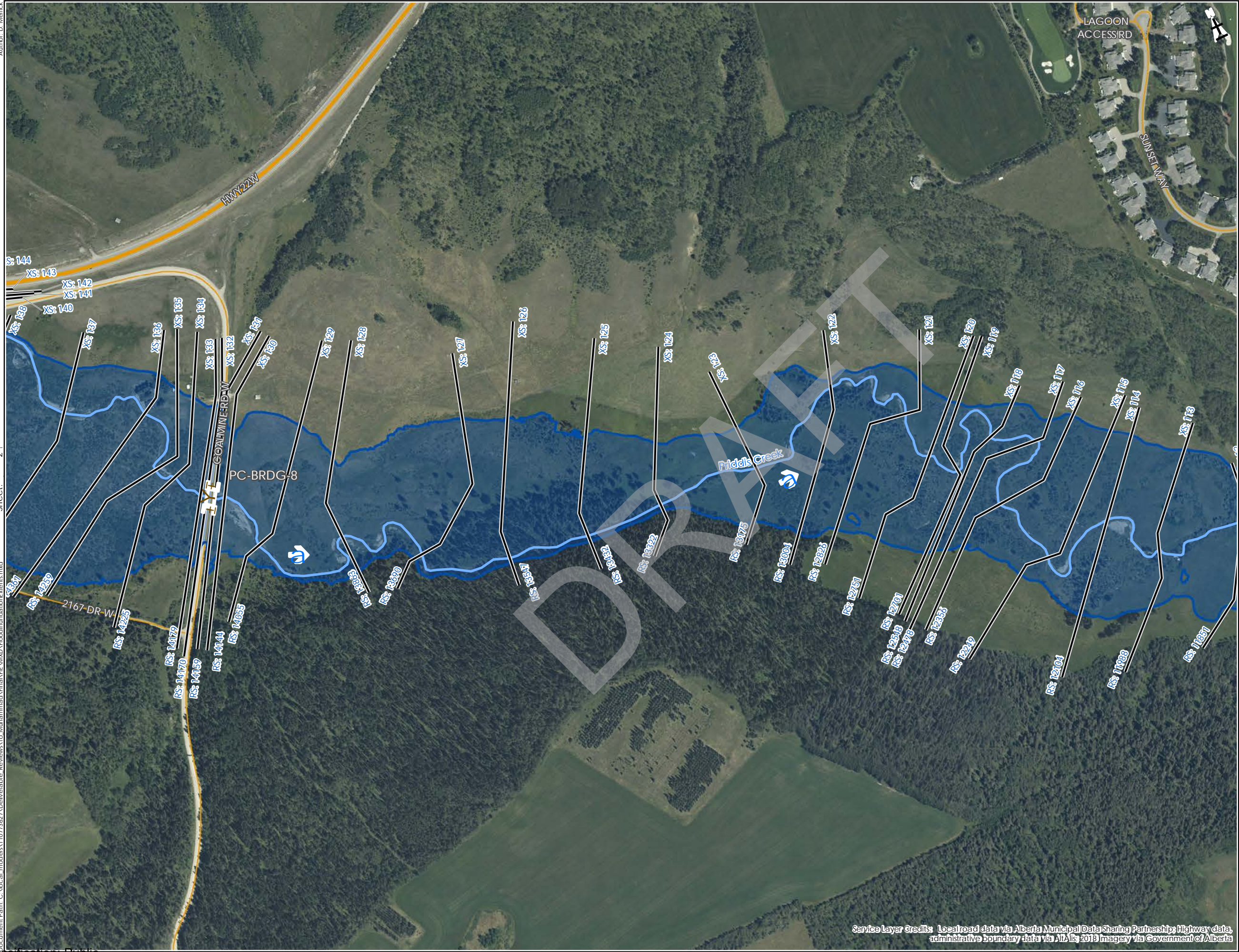
- Flood Inundation Extent - 500-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Major Road
- Local Road
- RS: 123 River Station

Discharge
Priddis Creek: 271 m³/s

100 50 0 100 Scale
Metres 1:5,000

Priddis River Hazard Study		
500-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 2 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



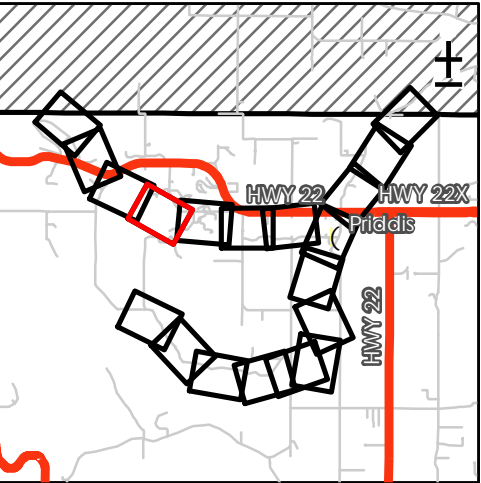
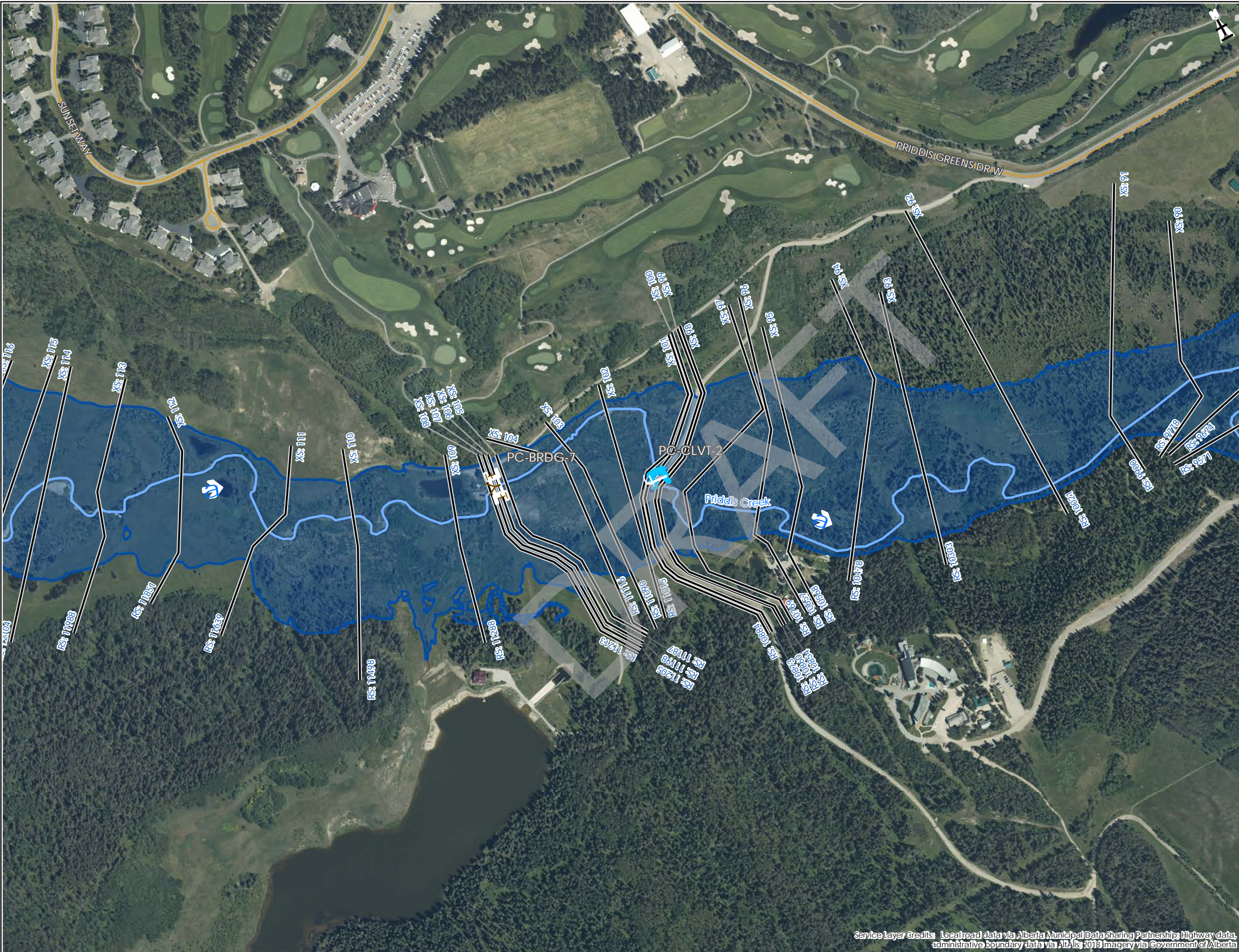
- Flood Inundation Extent - 500-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Major Road
- Local Road
- RS: 123 River Station








Discharge
Priddis Creek: 271 m³/s

100 50 0 100 Scale
Metres 1:5,000

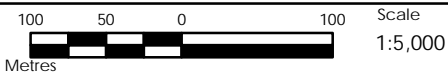
Priddis River Hazard Study		
500-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 3 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIAIS 2018 Imagery via Government of Alberta



-  Flood Inundation Extent - 500-year
 -  Flow Direction
 -  Bridge
 -  Culvert
 -  Cross Sections
 -  Creek
 -  Local Road
- RS: 123 River Station

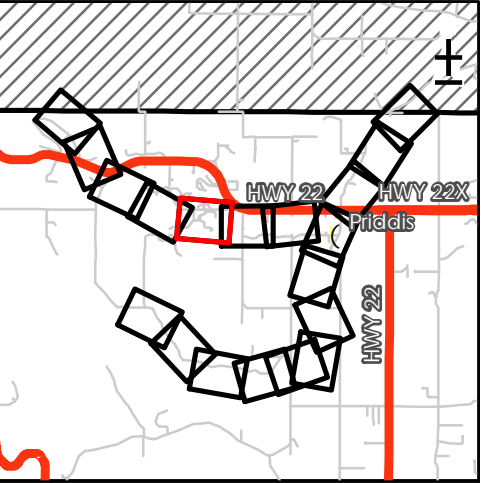
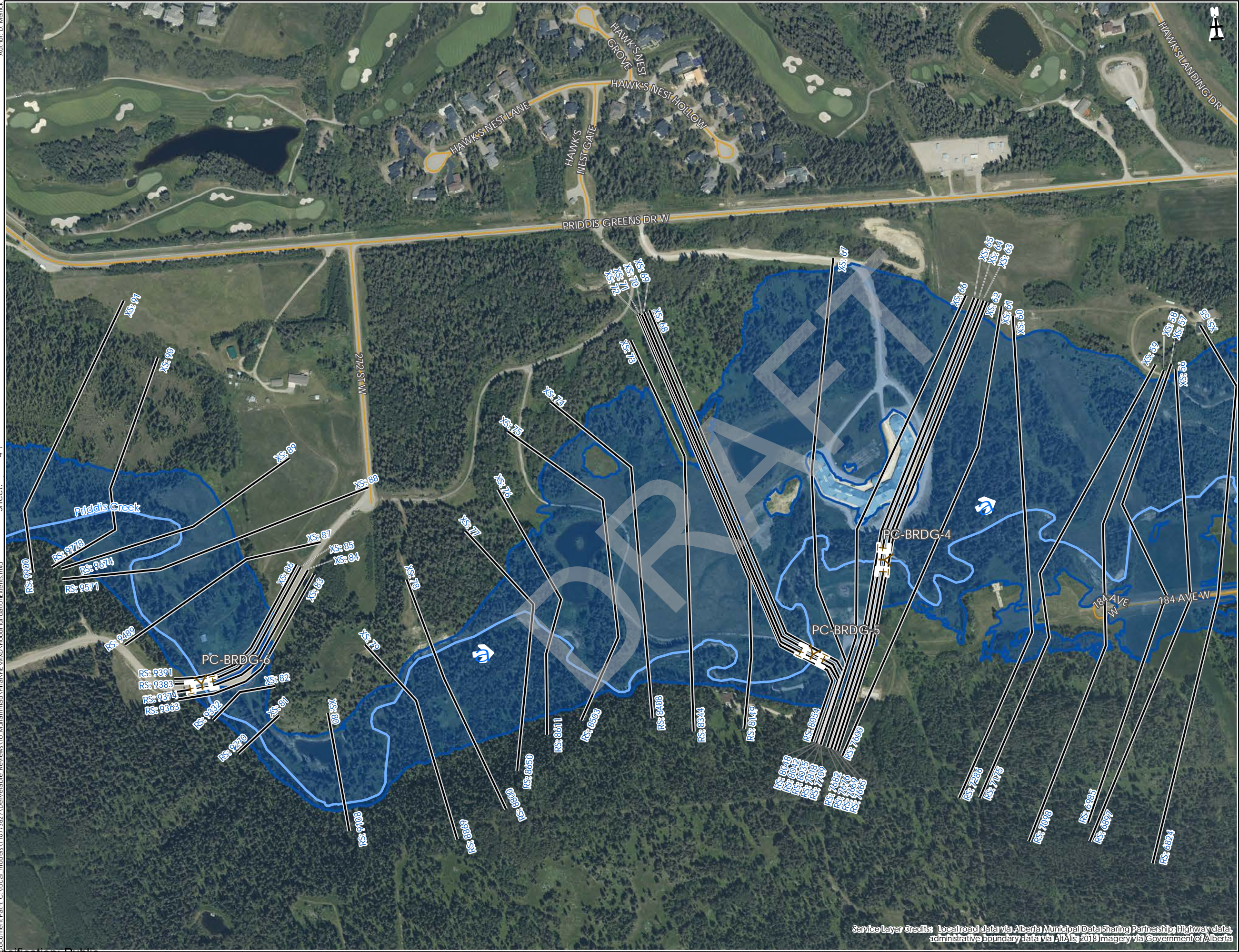
Discharge
Priddis Creek: 271 m³/s



Priddis River Hazard Study

500-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 4 of 19
Project No. 110773627	REV. A	Date: 20 October 2021



Flood Inundation Extent - 500-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

River Station

Discharge
Priddis Creek: 271 m³/s

100

50

0

100

Metres

Scale
1:5,000

Priddis River Hazard Study

500-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
5 of 19

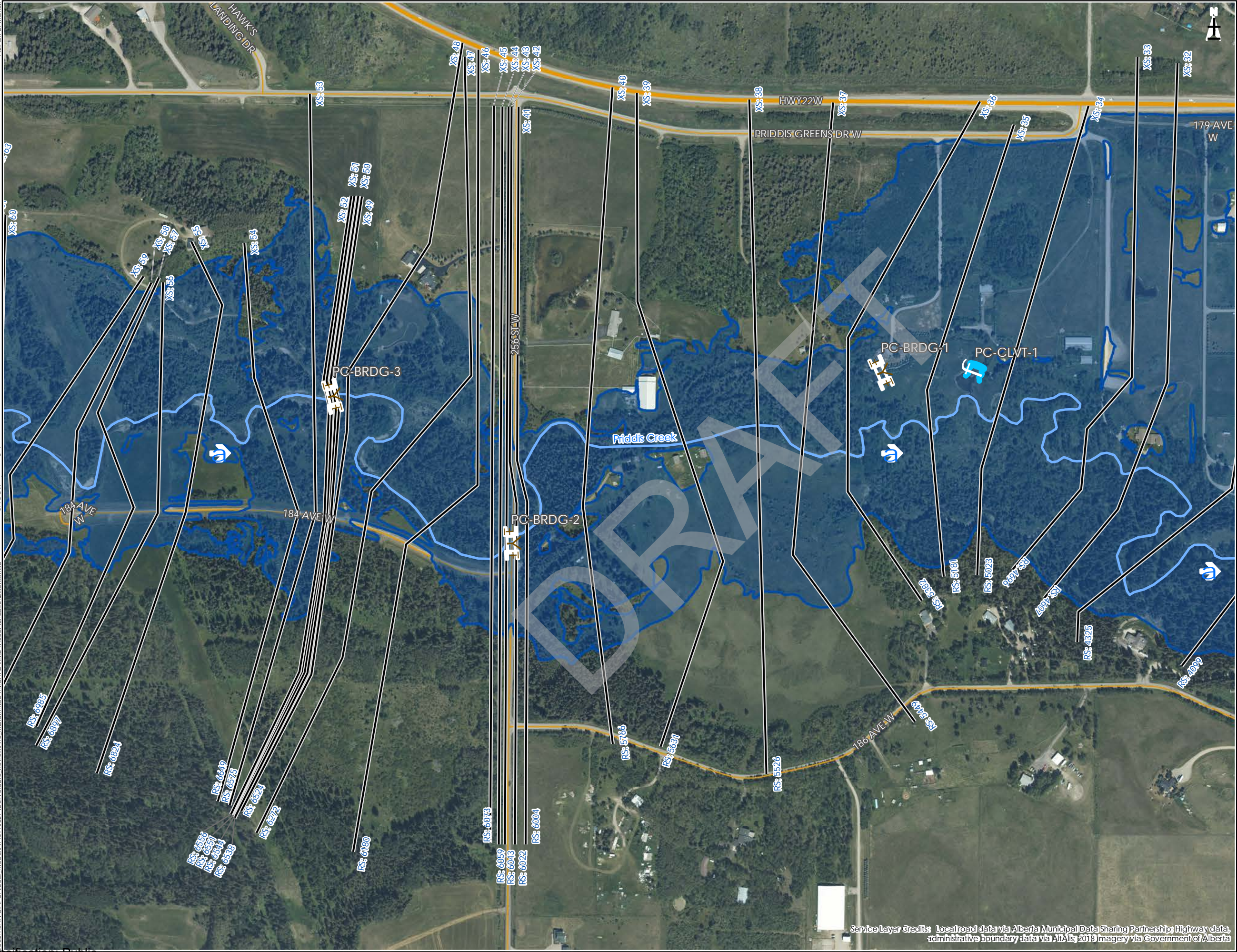
Project No.
110773627

REV.
A

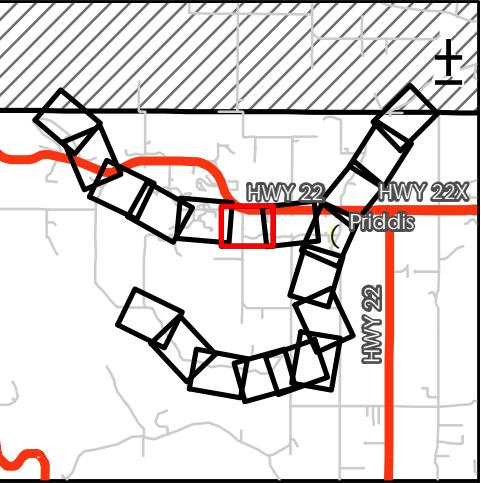
Date:
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Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA; 2018 Imagery via Government of Alberta

Author: D. Merrick
Sheet: 5 ?
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Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 500-year

Flow Direction

Bridge

Culvert

Cross Sections

Creek

Major Road

Local Road

RS:123 River Station

Discharge
Priddis Creek: 271 m³/s

100500100

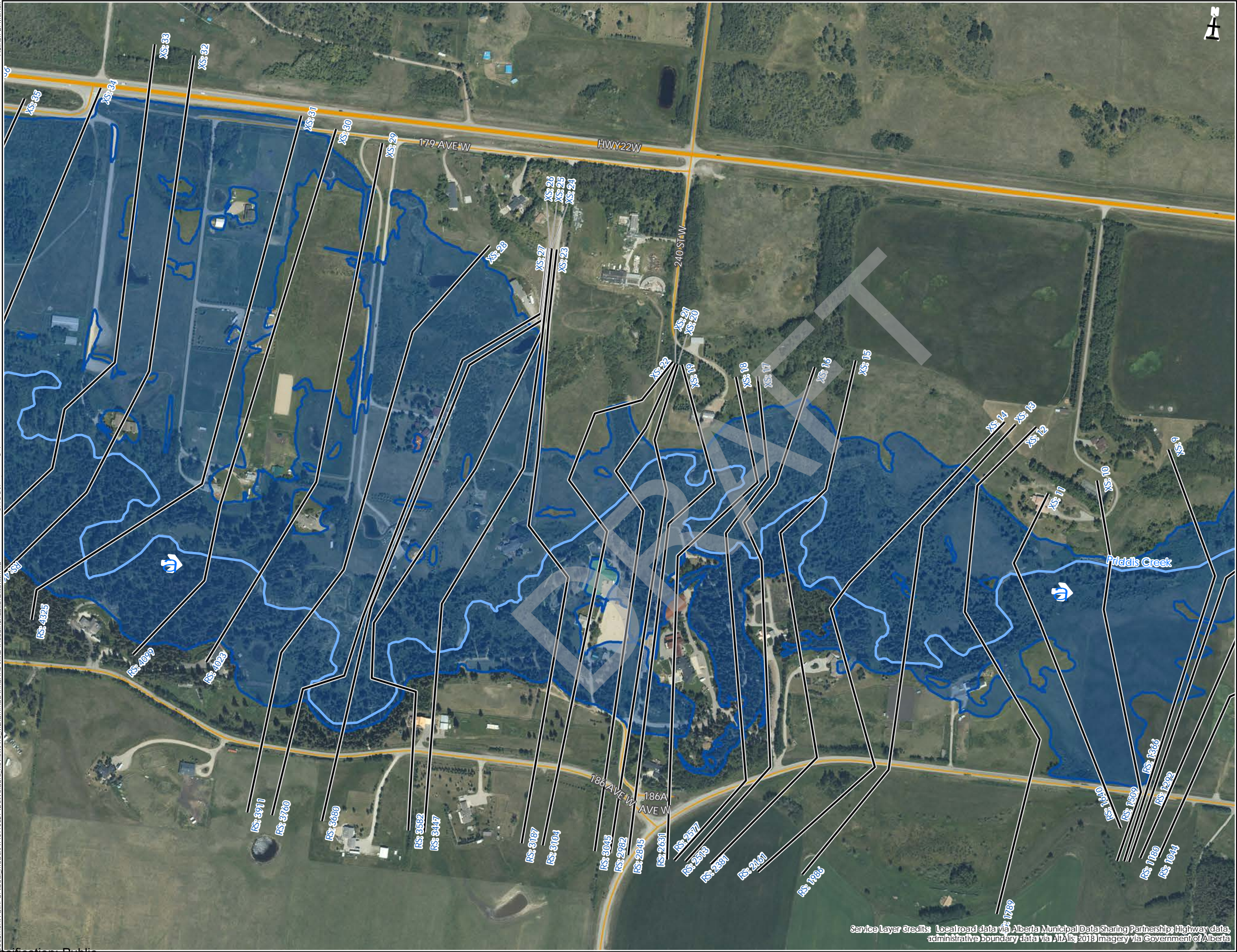
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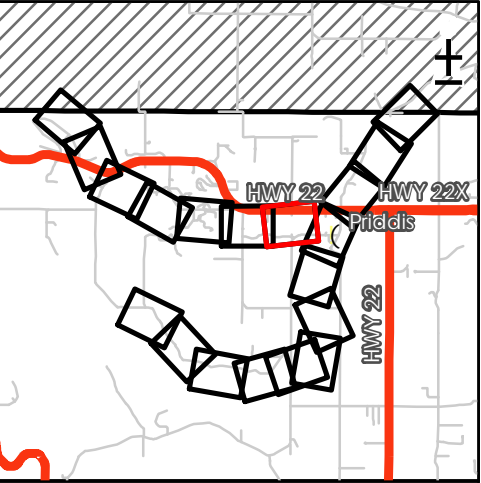
Priddis River Hazard Study

500-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 6 of 19
Project No. 110773627	REV. A	Date: 20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



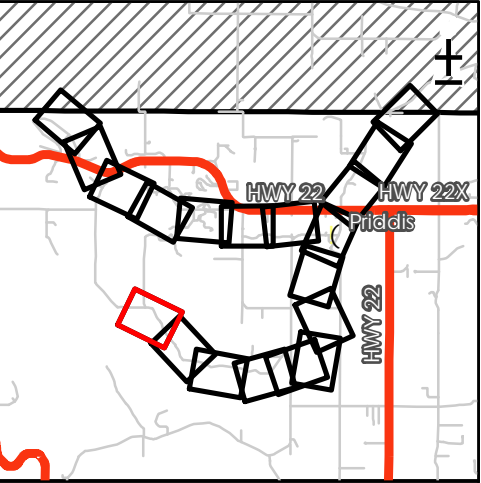
- Flood Inundation Extent - 500-year
- Flow Direction
- Culvert
- Cross Sections
- Creek
- Major Road
- Local Road
- RS: 123 River Station

Discharge
Priddis Creek: 271 m³/s



Priddis River Hazard Study
500-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 7 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Flood Inundation Extent - 500-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

River Station

Discharge
Fish Creek: 359 m³/s

100

50

0

100

Metres

Scale
1:5,000

Priddis River Hazard Study

500-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

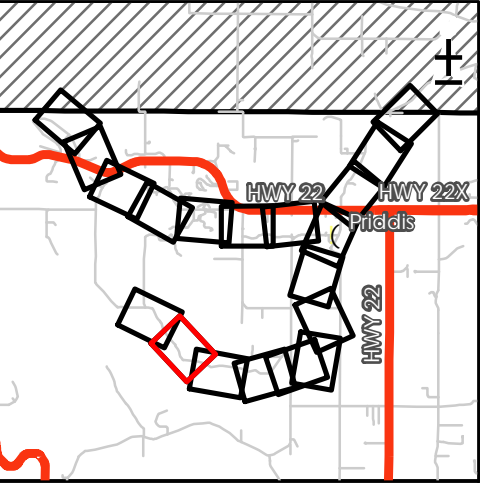
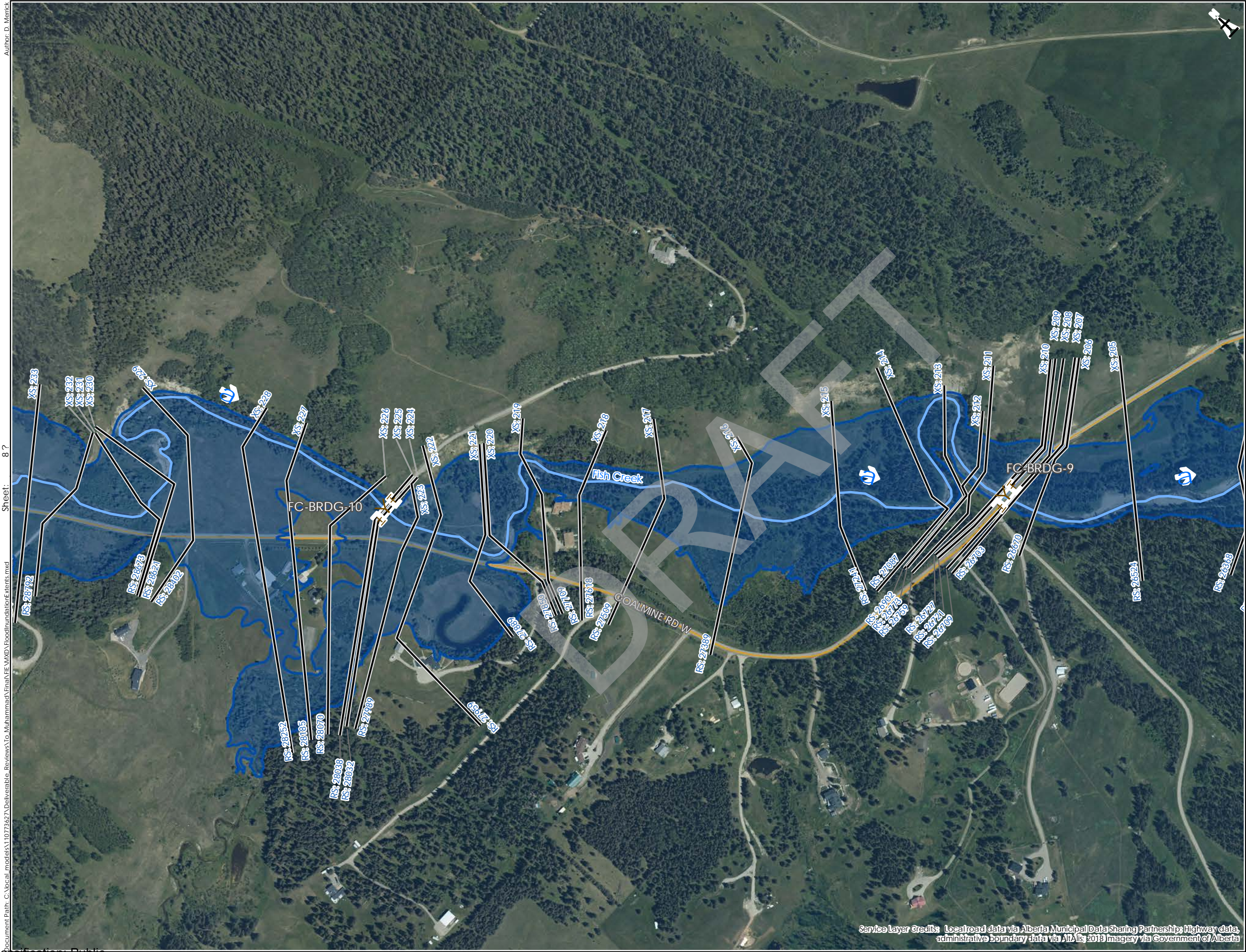
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Project No.
110773627

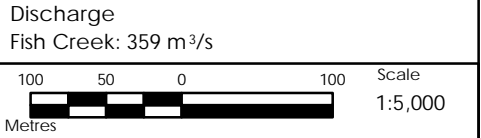
REV.
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Date:
20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIT/Alis 2018 Imagery via Government of Alberta

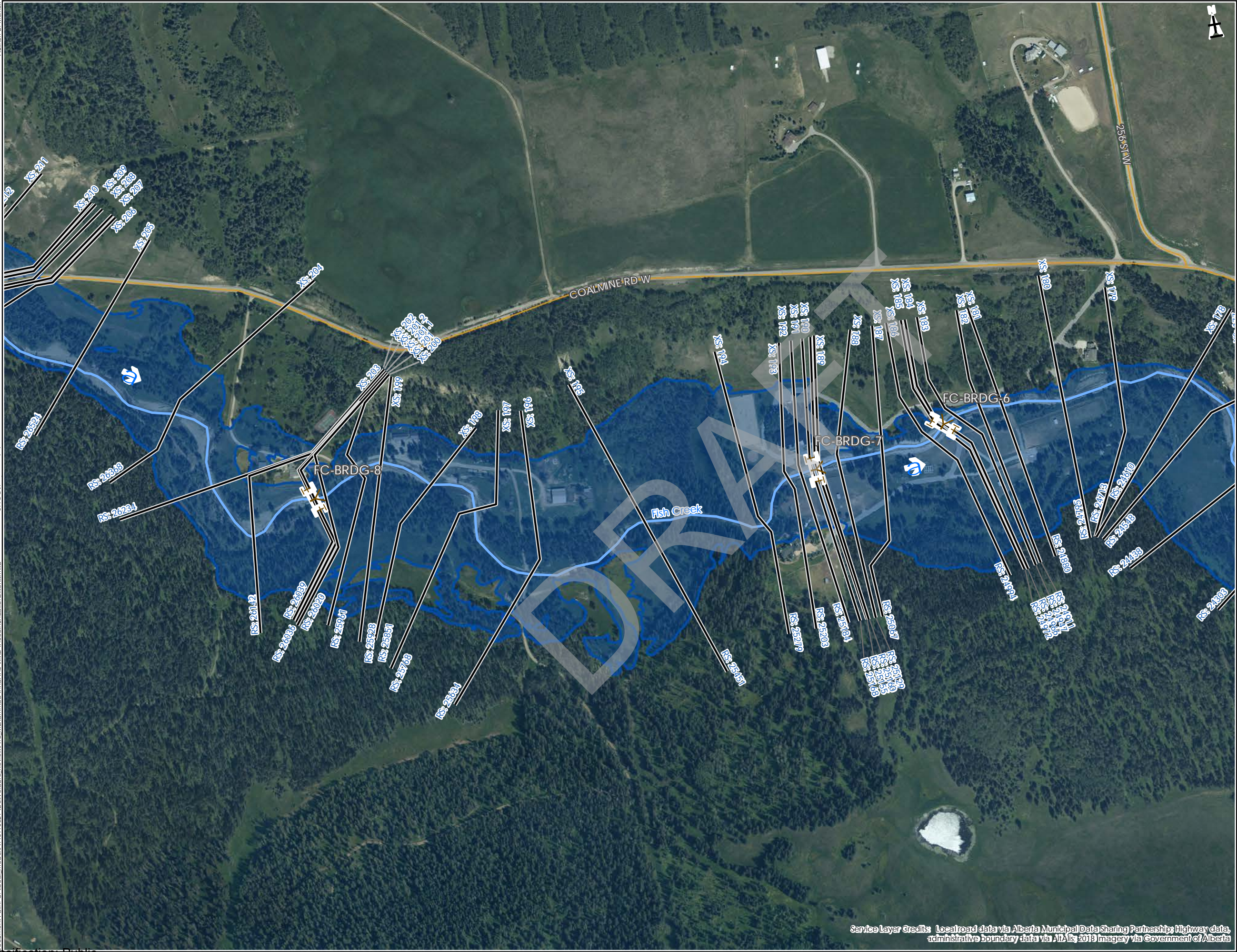


- Flood Inundation Extent - 500-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS:123 River Station

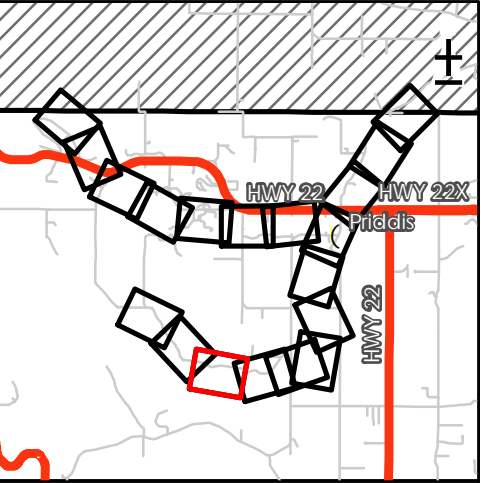


Priddis River Hazard Study		
500-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 9 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AITIS 2018 Imagery via Government of Alberta



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIda; 2019 Imagery via Government of Alberta



Flood Inundation Extent - 500-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 359 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

500-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
10 of 19

Project No.
110773627

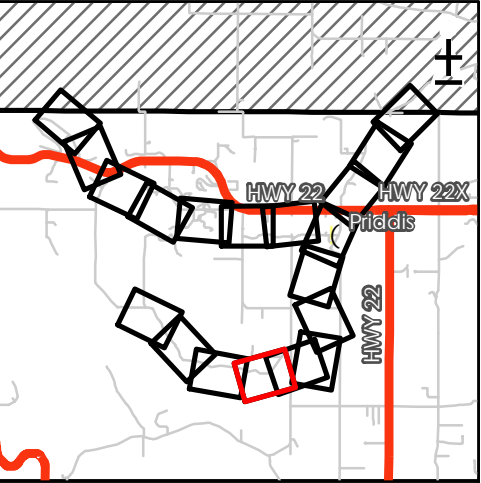
REV.
A

Date:
20 October 2021

Classification: Public



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 500-year

Flow Direction

Bridge

Culvert

Cross Sections

Creek

Local Road

RS: 123 River Station

Discharge
Fish Creek: 359 m³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study

500-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

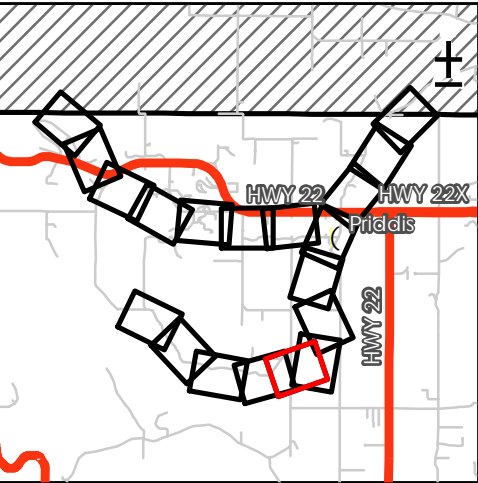
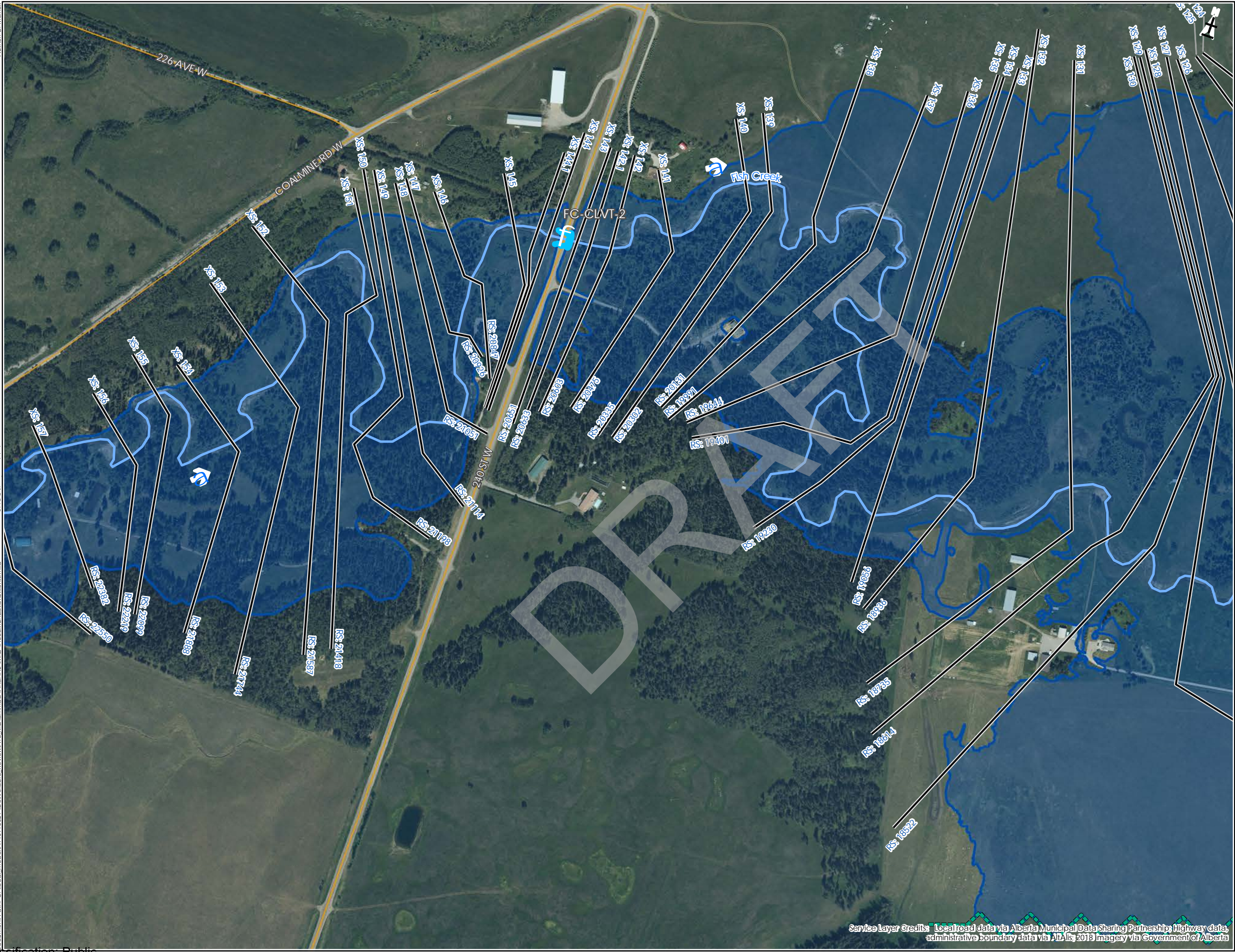
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Sheet: 11 of 19

Project No. 110773627

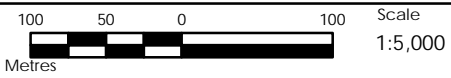
REV. A

Date: 20 October 2021



-
- Legend:
- Flood Inundation Extent - 500-year
 - Flow Direction
 - Culvert
 - Cross Sections
 - Creek
 - Local Road
- RS: 123 River Station

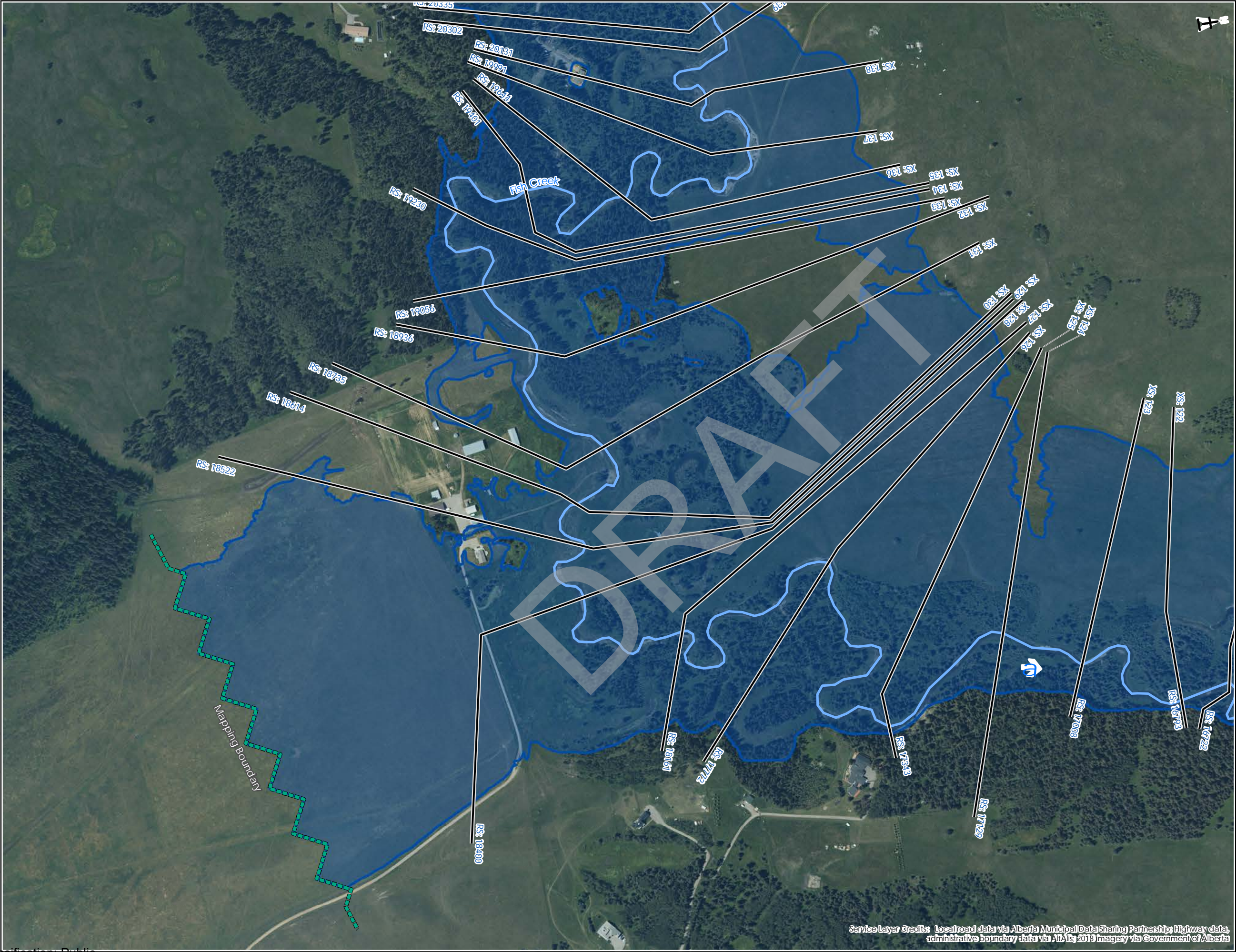
Discharge
Fish Creek: 359 m³/s



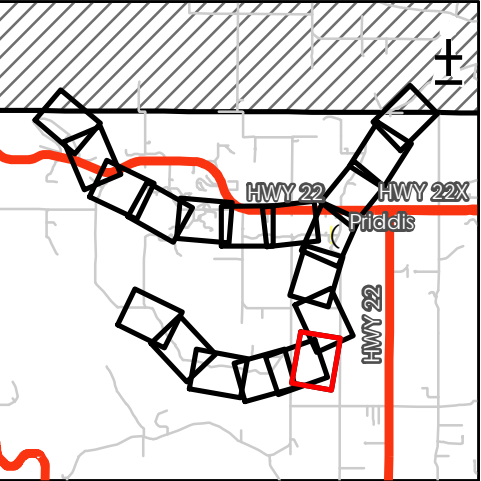
Priddis River Hazard Study

500-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 12 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

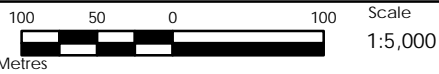


Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIT-15 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 500-year
- Flow Direction
- Culvert
- Cross Sections
- Creek
- Local Road
- RS:123 River Station

Discharge
Fish Creek: 359 m³/s



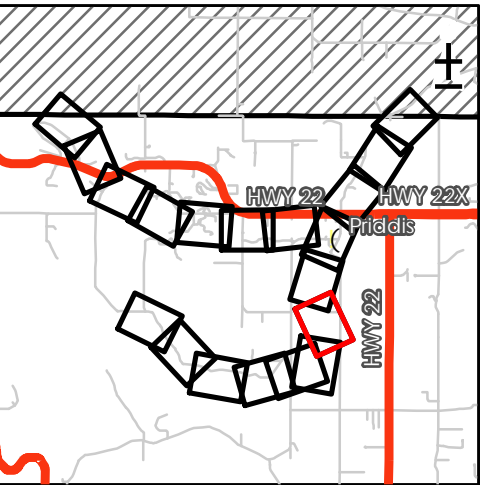
Priddis River Hazard Study







500-Year Flood Inundation Extent

GIS: MA QA/QC: JB Approved: MW

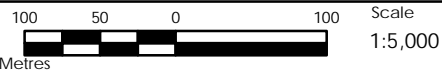
Spatial Ref: NAD 1983 CSRS 3TM 114 Sheet: 13 of 19

Project No. 110773627 REV. A Date: 20 October 2021



-  Flood Inundation Extent - 500-year
-  Flow Direction
-  Bridge
-  Cross Sections
-  Creek
-  Local Road
- RS:123 River Station

Discharge
Fish Creek: 359 m³/s



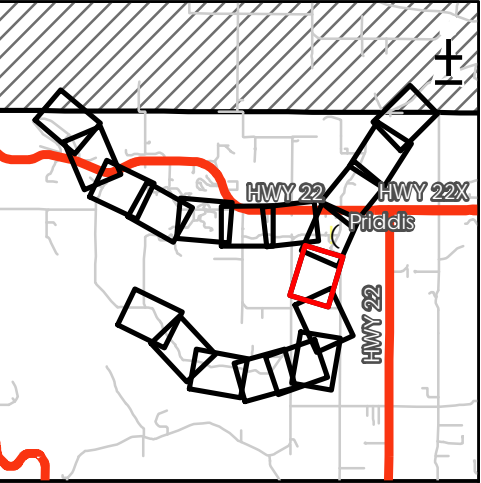
Priddis River Hazard Study

500-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
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Spatial Ref: NAD 1983 CSRS 3TM 114 Sheet: 14 of 19

Project No.	REV.	Date:
110773627	A	20 October 2021



Flood Inundation Extent - 500-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 359 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

500-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

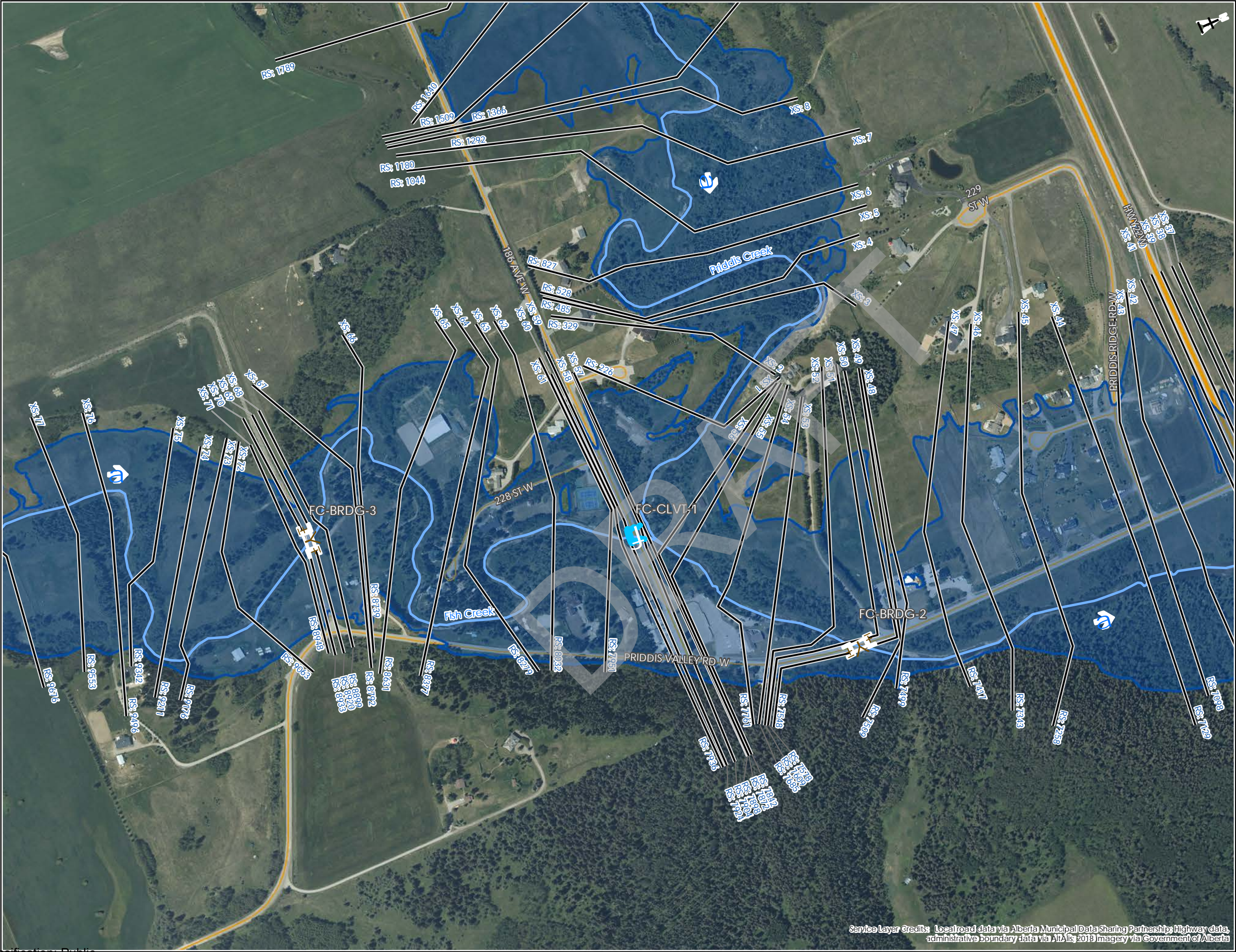
Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
15 of 19

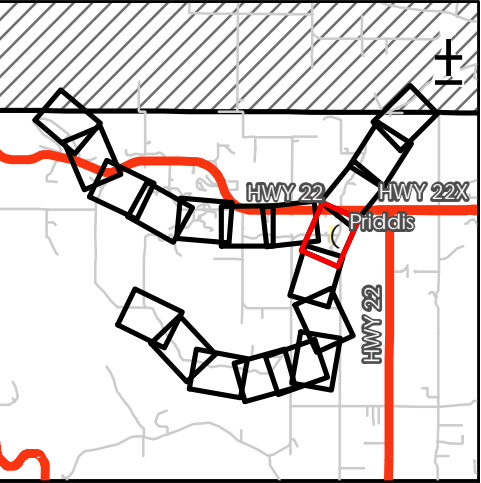
Project No.
110773627

REV.
A

Date:
20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Alberta
Government

Stantec

Flood Inundation Extent - 500-year

Flow Direction

Bridge

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123 River Station

Discharge
Fish Creek above cross section 56: 359 m³/s
Fish Creek below cross section 56: 630 m³/s
Priddis Creek: 271 m³/s

100

50

0

100

Metres

Scale
1:5,000

Priddis River Hazard Study

500-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

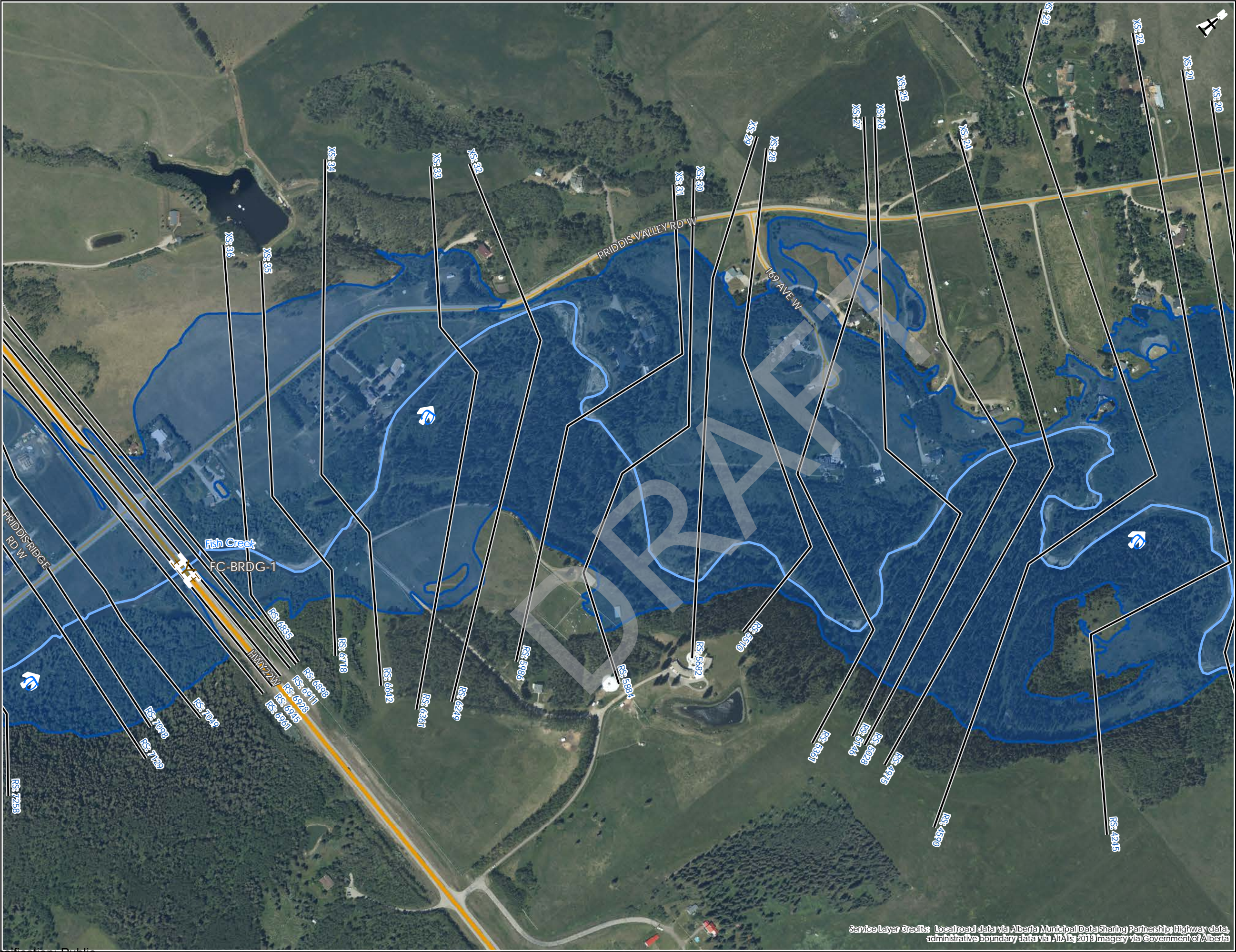
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NAD 1983 CSRS 3TM 114

Sheet:
16 of 19

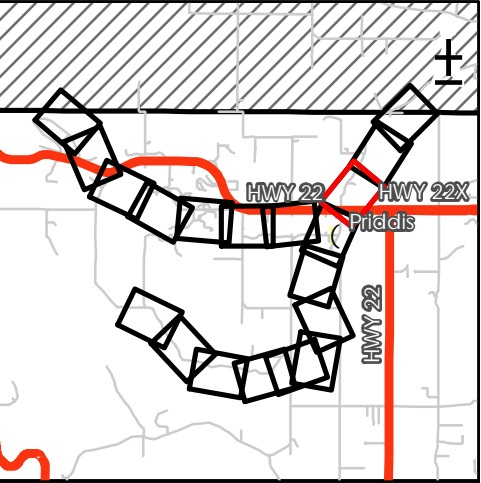
Project No.
110773627

REV.
A

Date:
20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AltaLis 2018 Imagery via Government of Alberta



Alberta
Government

Stantec

Flood Inundation Extent - 500-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123 River Station

Discharge
Fish Creek: 630 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study
500-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114

Sheet: 17 of 19

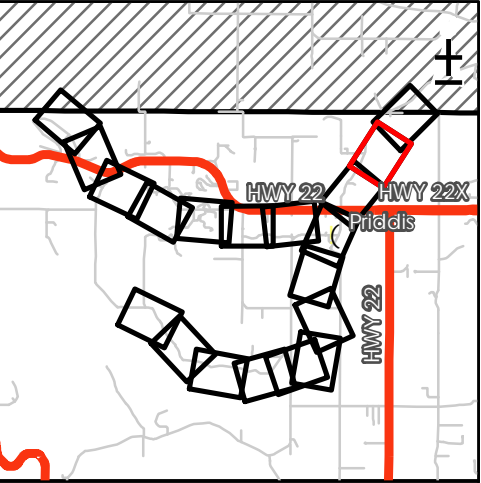
Project No. 110773627

REV. A

Date: 20 October 2021



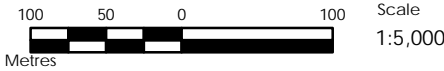
Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via AIA; 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 500-year
- Flow Direction
- Cross Sections
- Creek
- Local Road

RS:123 River Station

Discharge
Fish Creek: 630 m³/s



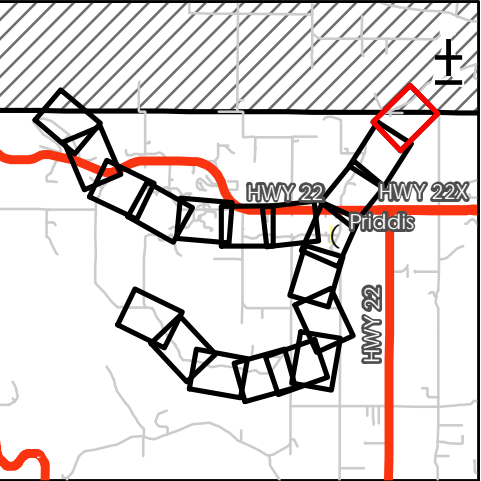
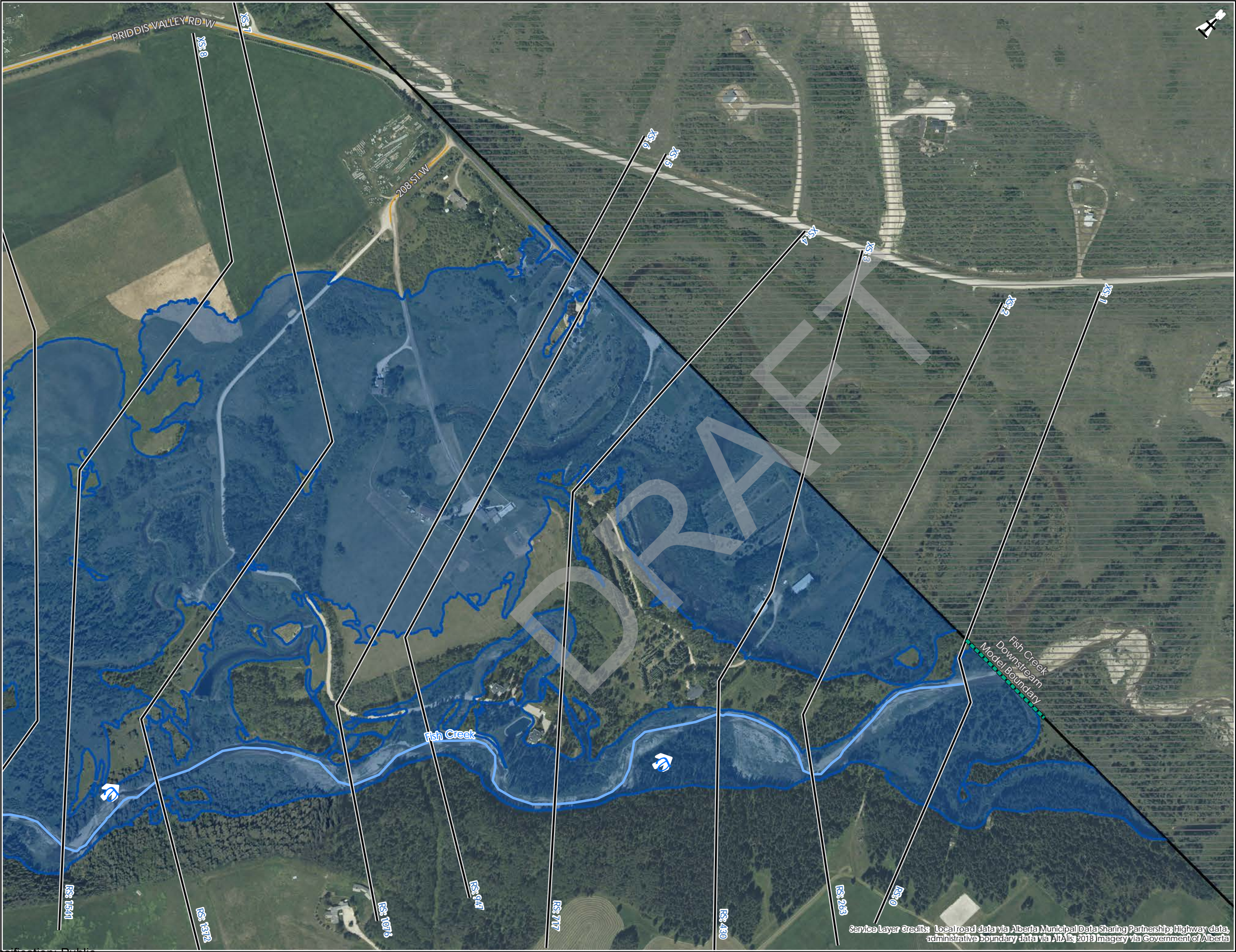
Priddis River Hazard Study



500-Year Flood Inundation Extent


GIS: MA QA/QC: JB Approved: MW


Spatial Ref: NAD 1983 CSRS 3TM 114 Sheet: 18 of 19


Project No. 110773627 REV. A Date: 20 October 2021








 Flood Inundation Extent - 500-year

 Flow Direction

 Cross Sections

 Creek

 Local Road

 Tsuut'ina Nation

RS:123 River Station

Discharge
Fish Creek: 630 m³/s

100

50

0

100

Metres

Scale
1:5,000

Priddis River Hazard Study

500-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
19 of 19

Project No.
110773627

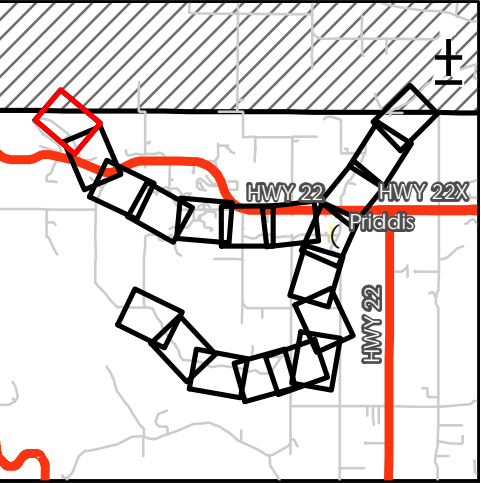
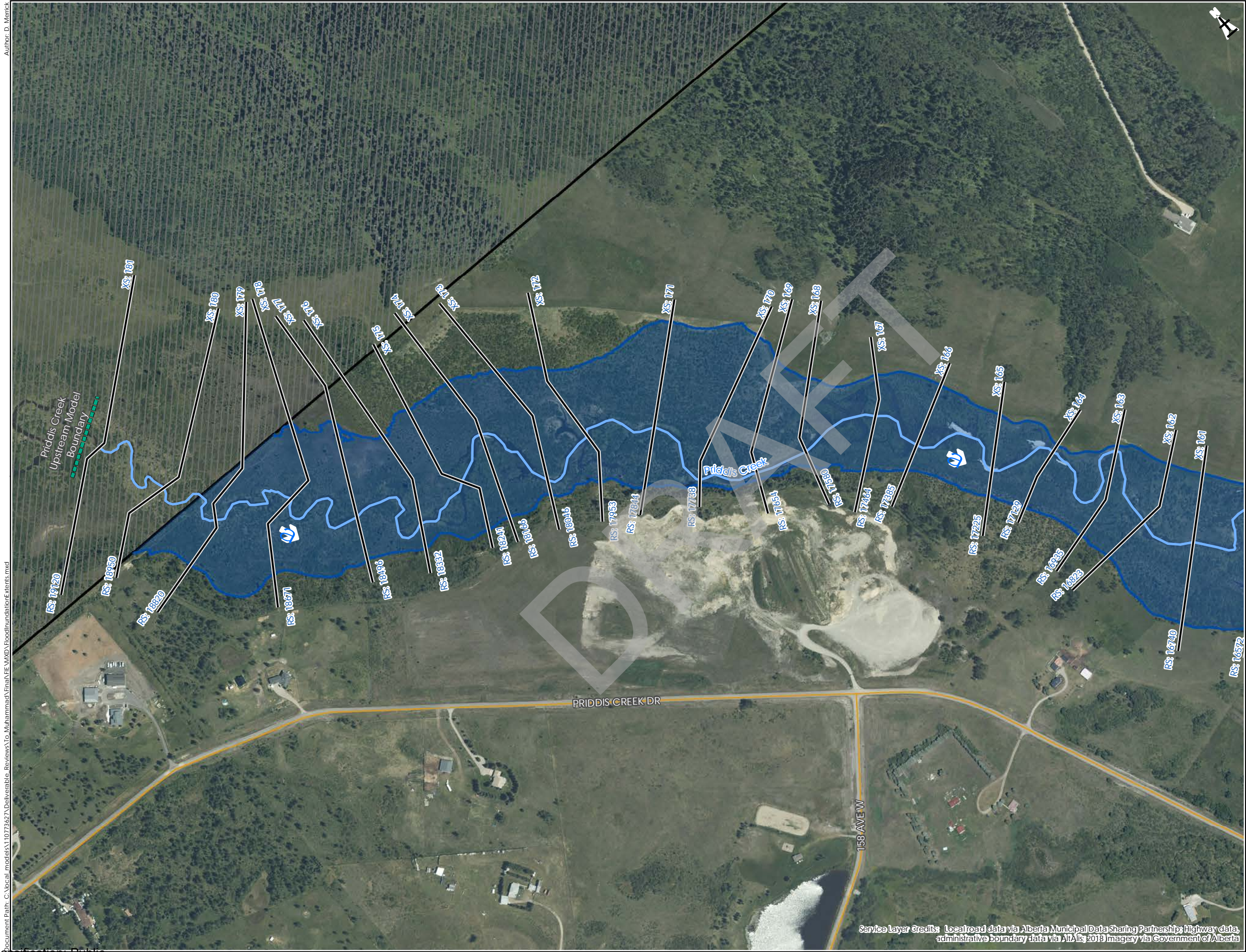
REV.
A

Date:
20 October 2021

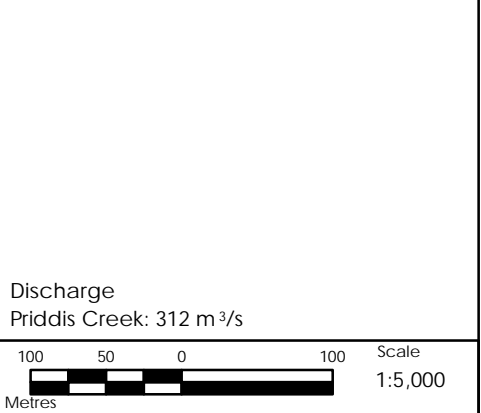
Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIT/Alis 2018 Imagery via Government of Alberta

750-year Flood Inundation Extent (Sheets 1 to 19)

DRAFT



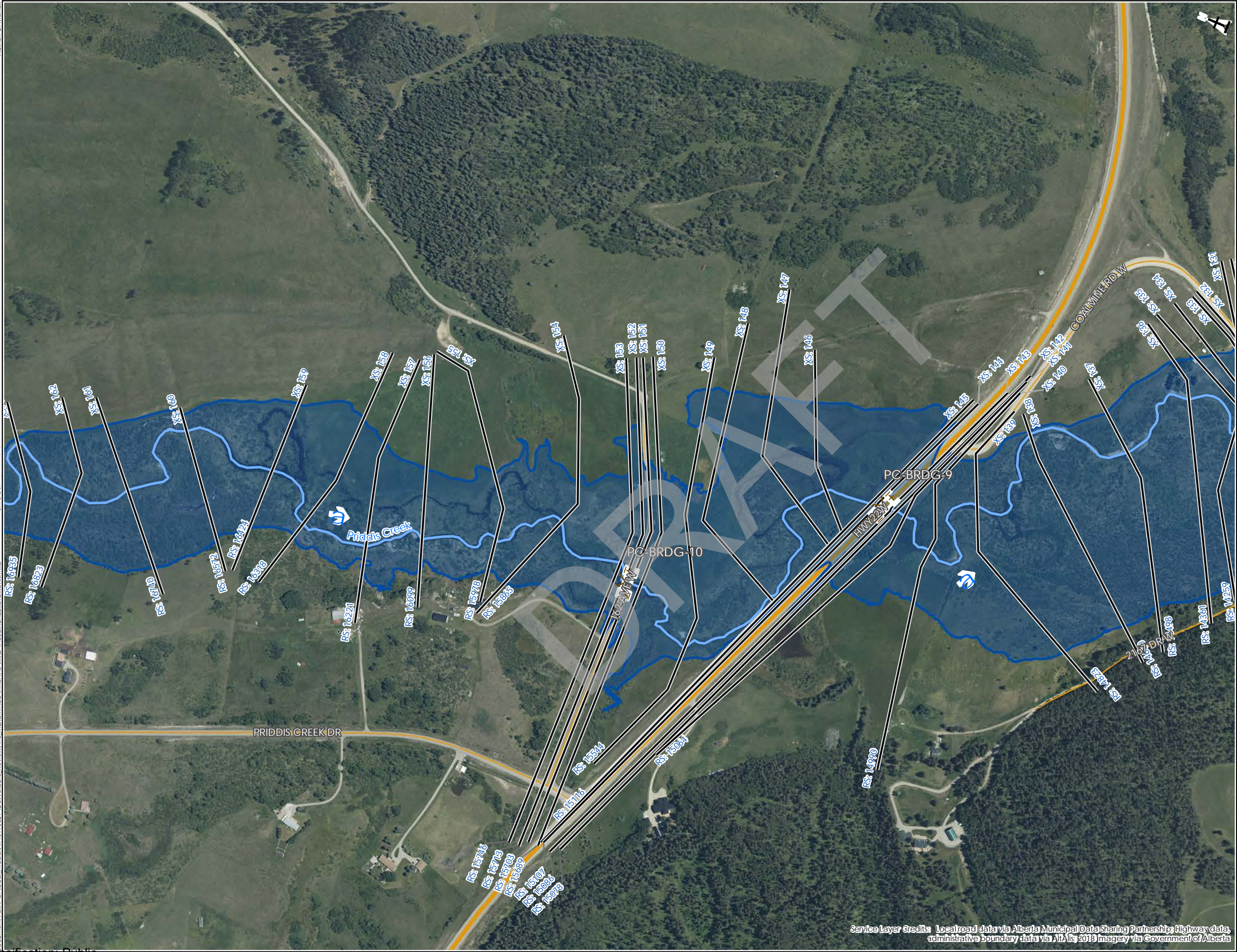
- Flood Inundation Extent - 750-year
- Flow Direction
- Cross Sections
- Creek
- Major Road
- Local Road
- Tsuut'ina Nation
- RS: 123 River Station



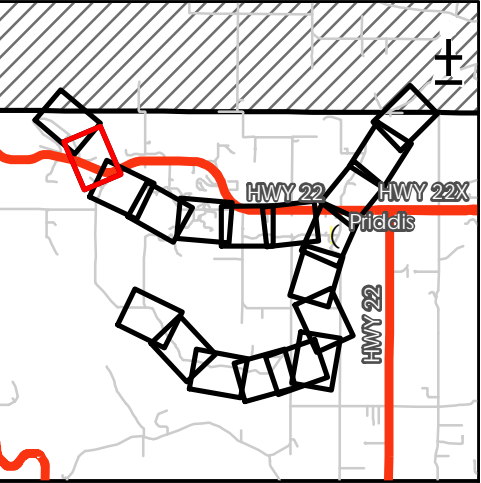
Priddis River Hazard Study		
750-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 1 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta

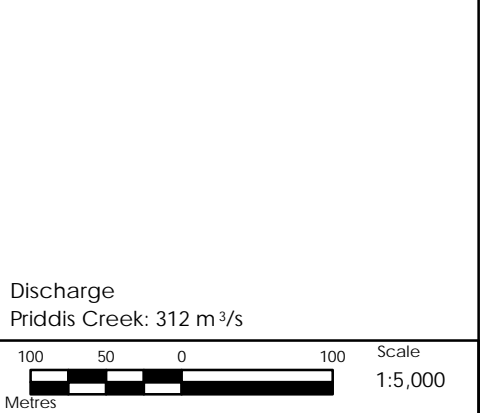
Author: D. Merrick
Sheet: 1 ?
document Path: C:\local_models\110773627\Deliverable_Reviews\To_Muhammad\Final\PRD_VOXD_FloodInundation\Extents.mxd



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta

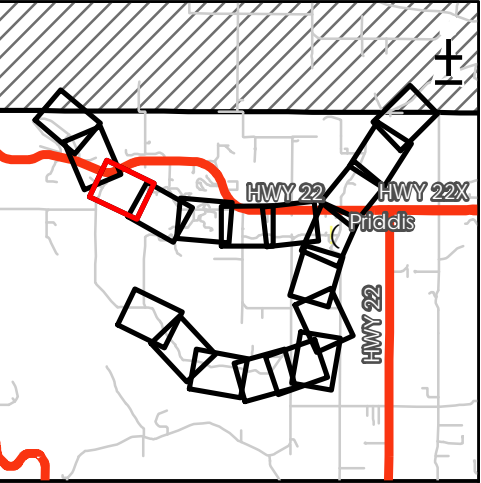
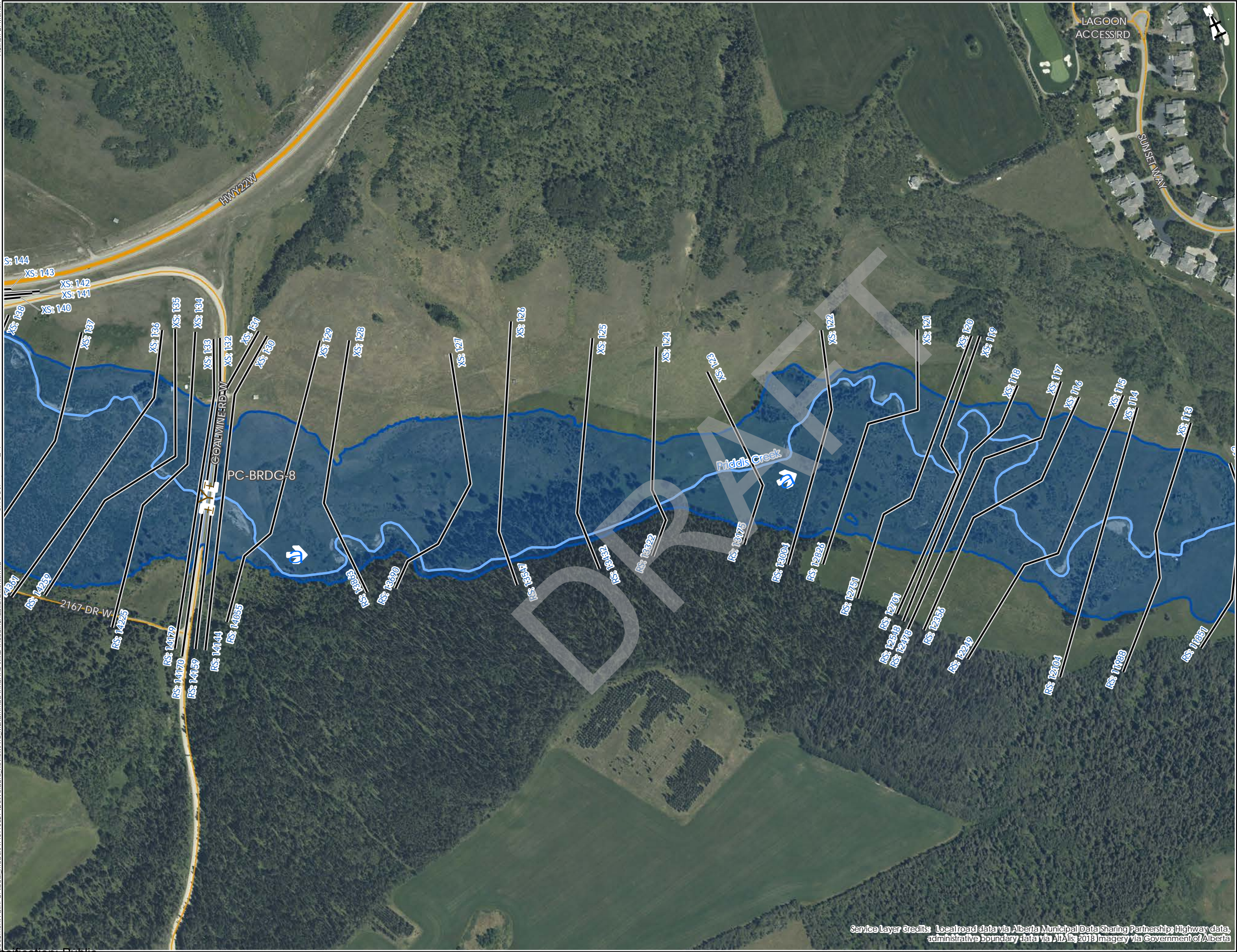


- Flood Inundation Extent - 750-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Major Road
- Local Road
- RS:123 River Station



Priddis River Hazard Study		
750-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 2 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Author: D. Merrick
Sheet: 2 ?
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- Flood Inundation Extent - 750-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Major Road
- Local Road
- RS:123 River Station

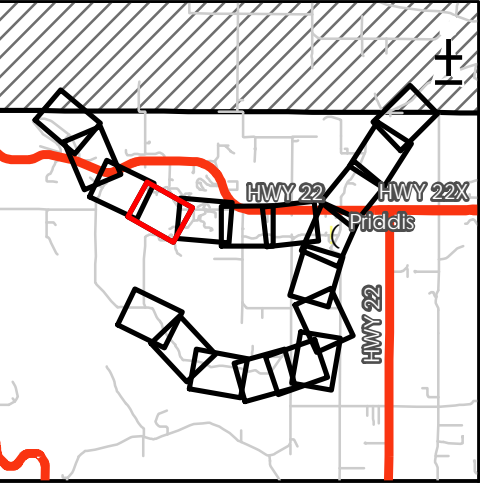
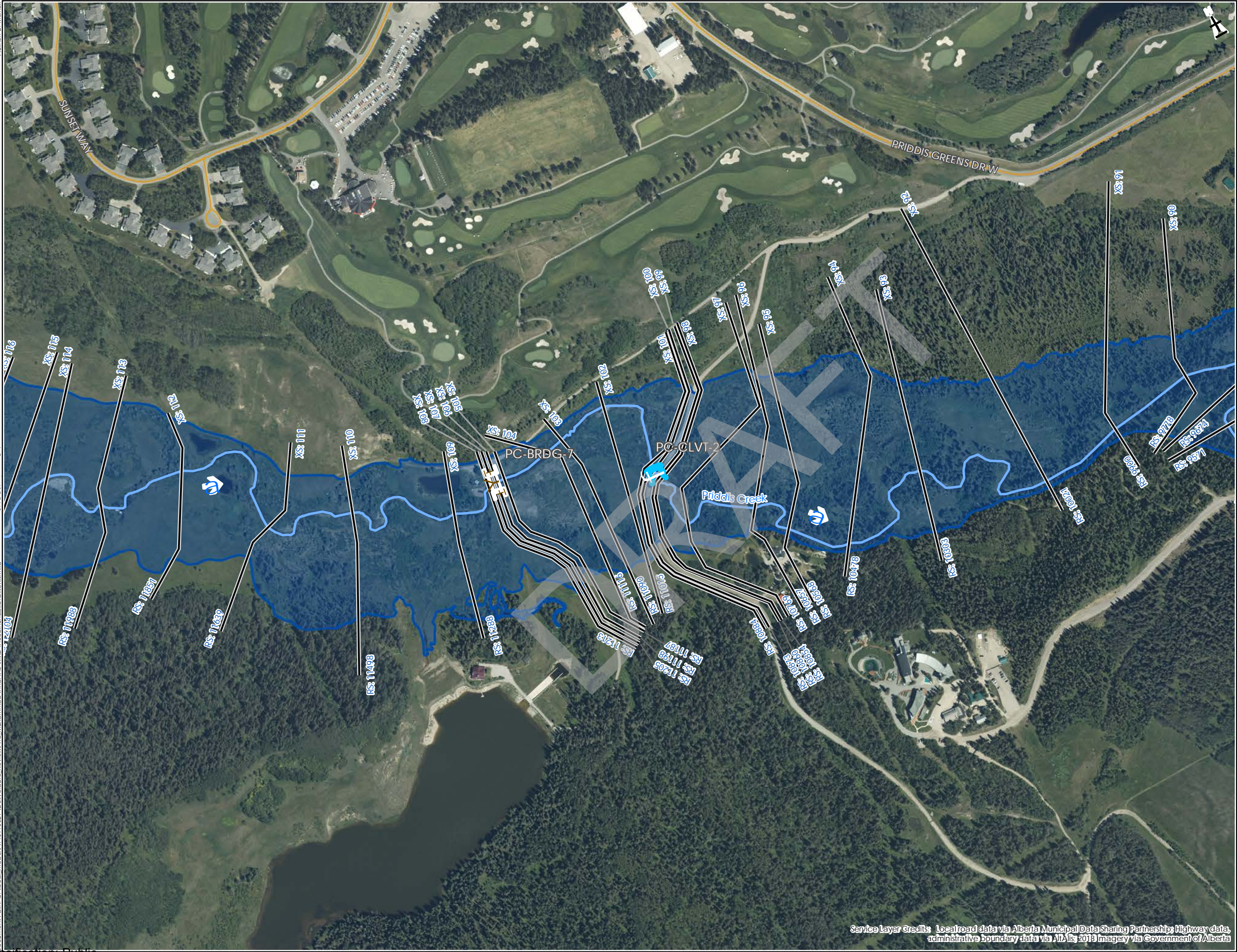
Discharge
Priddis Creek: 312 m³/s

100 50 0 100 Scale
Metres 1:5,000

Priddis River Hazard Study		
750-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 3 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA's 2018 Imagery via Government of Alberta

Author: D. Merrick
Sheet: 3 ?
Document Path: C:\local_models\110773627\Deliverable_Reviews\To_Muhammad\Final\PRD_VXKD_FloodInundationExtents.mxd



Flood Inundation Extent - 750-year

Flow Direction

Bridge

Culvert

Cross Sections

Creek

Local Road

RS: 123

River Station

Discharge
Priddis Creek: 312 m³/s

100500100

Metres

Scale

1:5,000

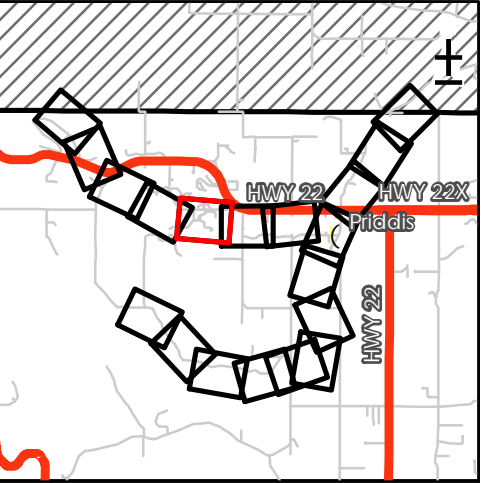
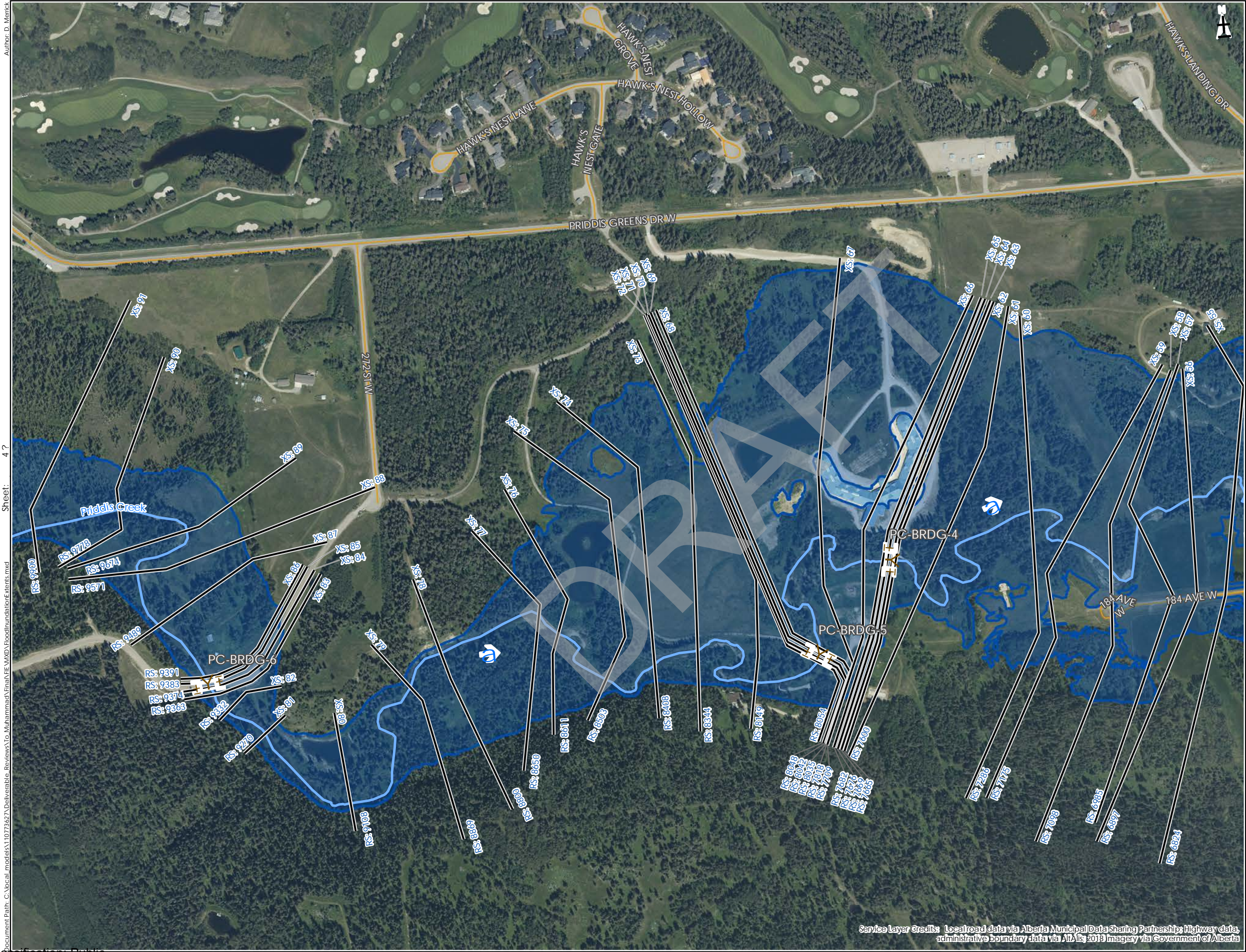
Priddis River Hazard Study

750-Year Flood Inundation Extent

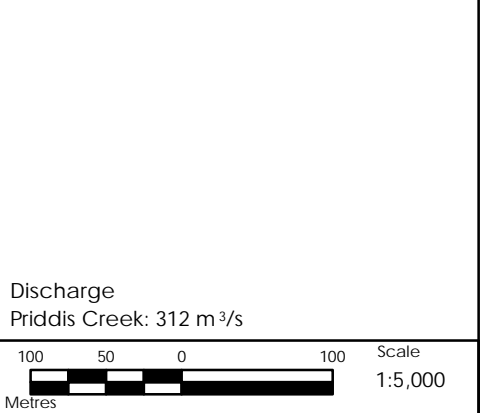
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 4 of 19
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIdilis 2019 Imagery via Government of Alberta

Classification: Public



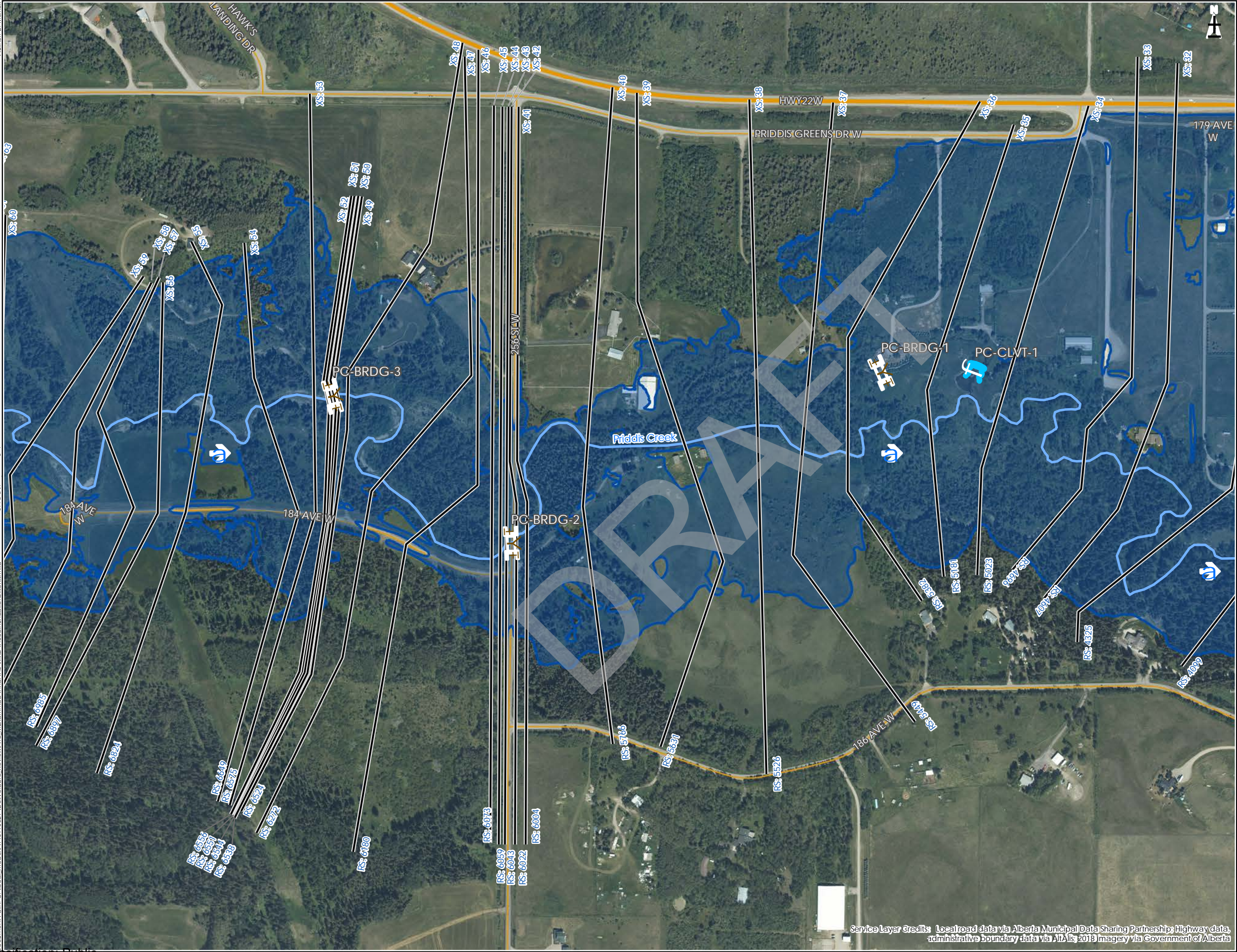
- Flood Inundation Extent - 750-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Major Road
- Local Road
- RS:123 River Station



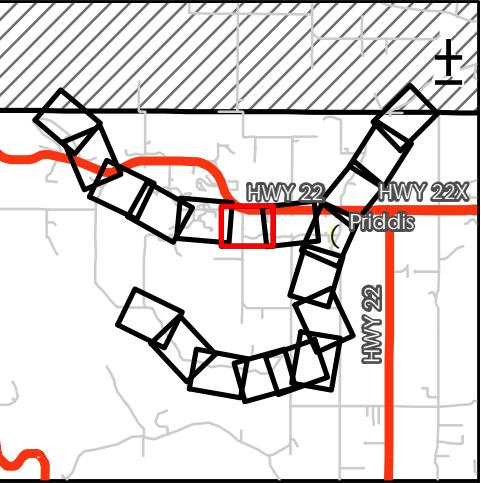
Priddis River Hazard Study		
750-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 5 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA; 2018 imagery via Government of Alberta

Author: D. Merrick
Sheet: 5 ?
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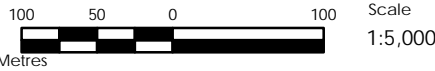


Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via Altalis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 750-year
- Flow Direction
- Bridge
- Culvert
- Cross Sections
- Creek
- Major Road
- Local Road
- RS: 123 River Station

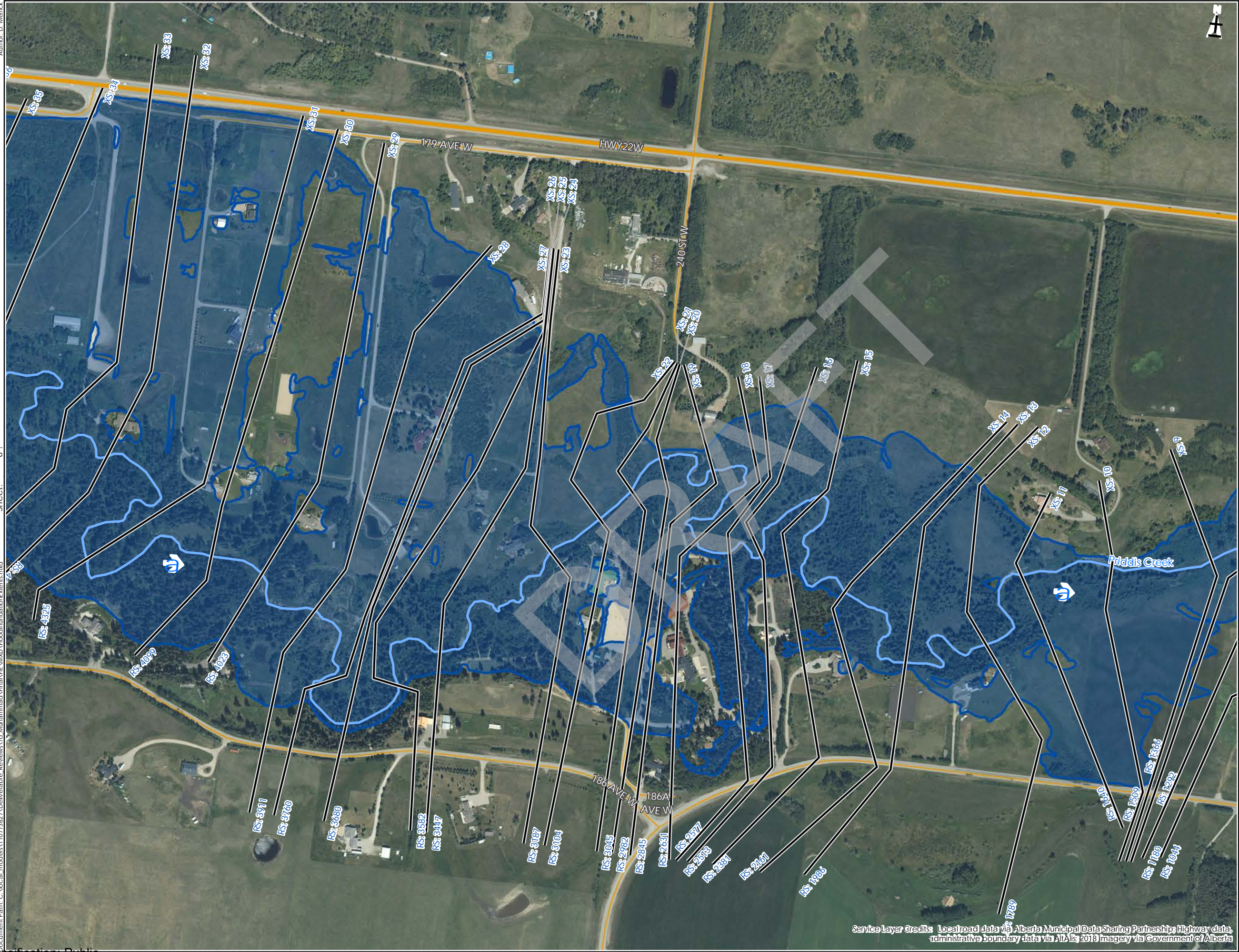
Discharge
Priddis Creek: 312 m³/s



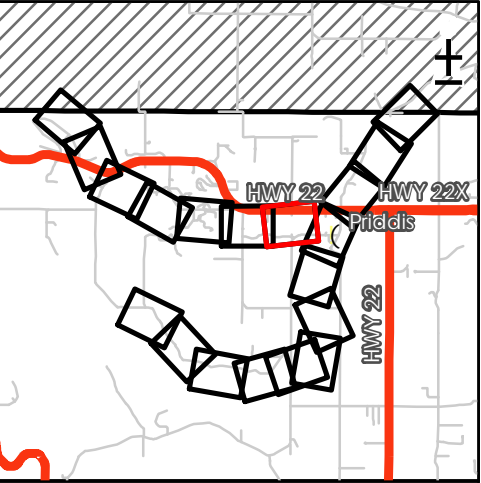
Priddis River Hazard Study

750-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 6 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 750-year

Flow Direction

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123 River Station

Discharge
Priddis Creek: 312 m³/s

100

50

0

100

Metres

Scale
1:5,000

Priddis River Hazard Study

750-Year Flood Inundation Extent

GIS:
MA

OA/OC:
JB

Spatial Ref:
NAD 1983 CSRS 3TM 114

Project No.
110773627

Approved:
MW

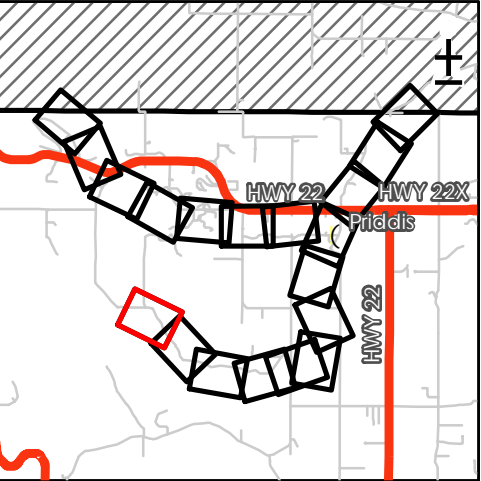
Sheet:
7 of 19

REV.
A

Date:
20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIT/Alis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 750-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 413 m³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study

750-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

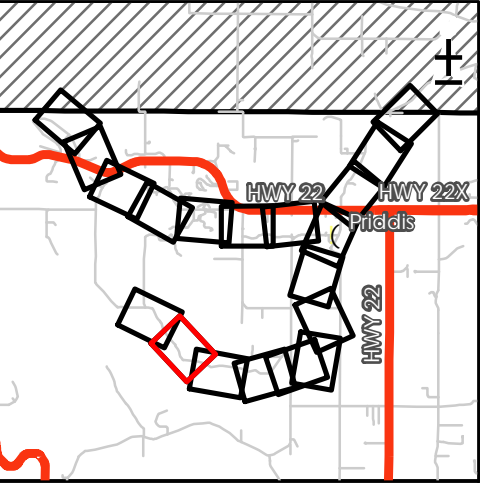
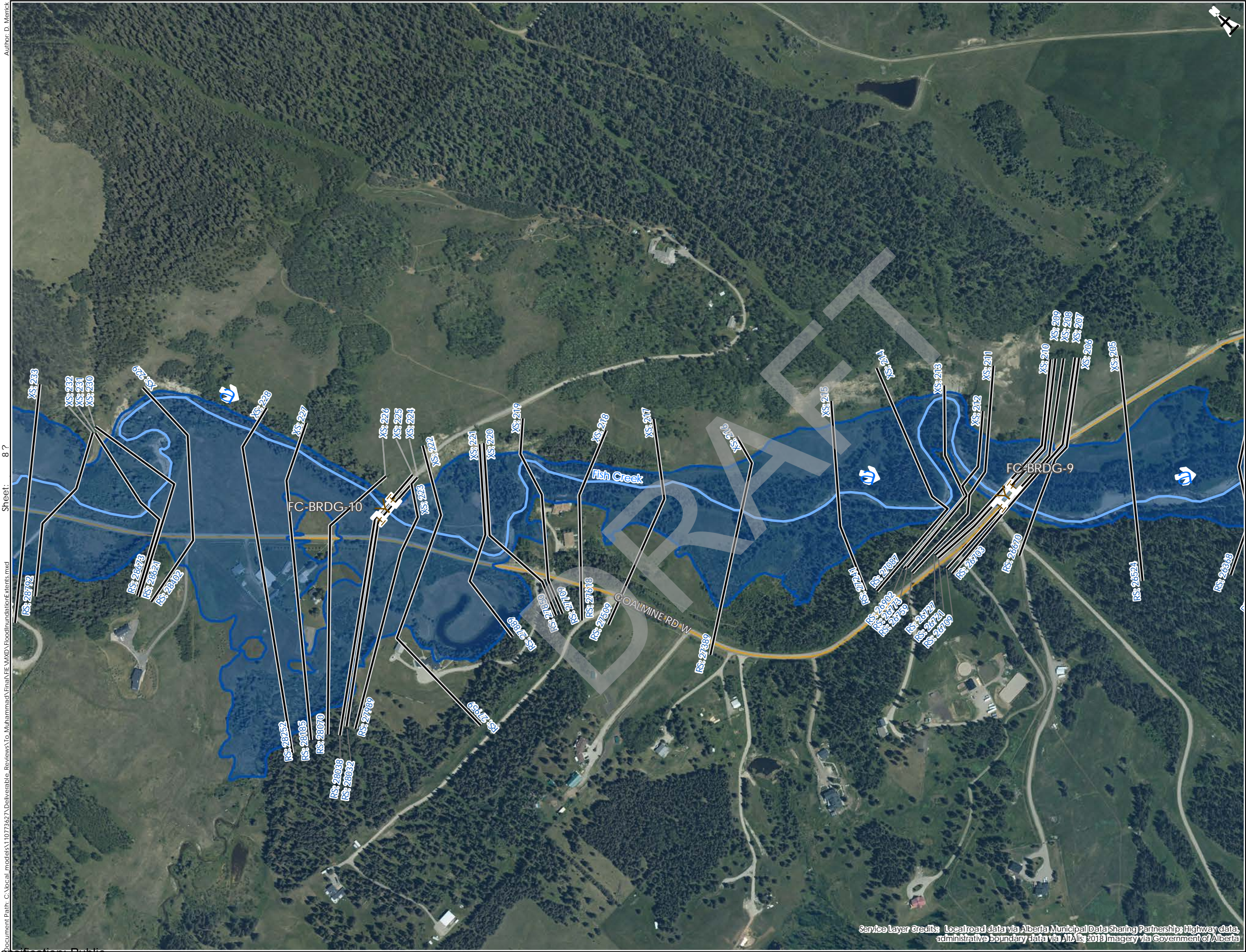
Sheet:
8 of 19

Project No.
110773627

REV.
A

Date:
20 October 2021

Classification: Public



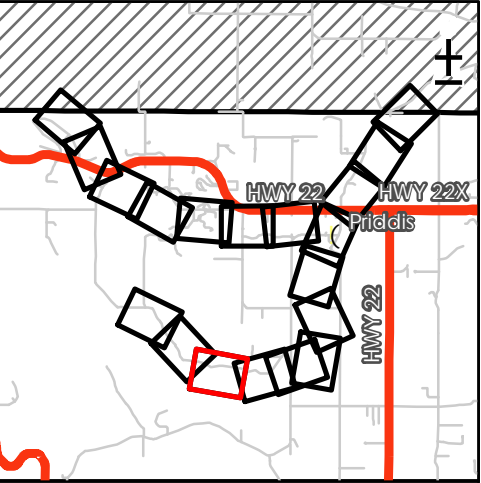
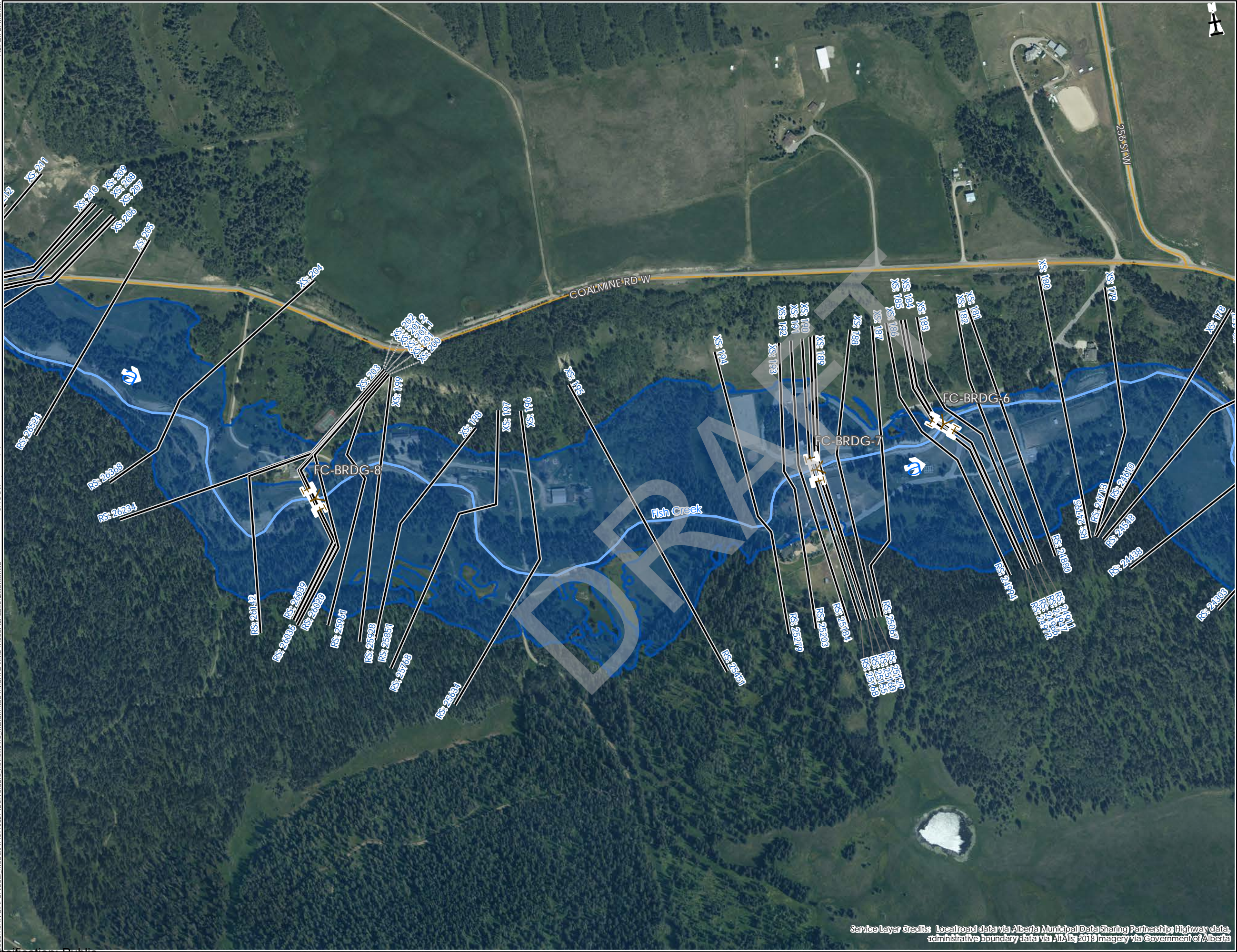
- Flood Inundation Extent - 750-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS:123 River Station

Discharge
Fish Creek: 413 m³/s

100 50 0 100 Scale
Metres 1:5,000

Priddis River Hazard Study		
750-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 9 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AITLis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 750-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS:123 River Station

Discharge
Fish Creek: 413 m³/s

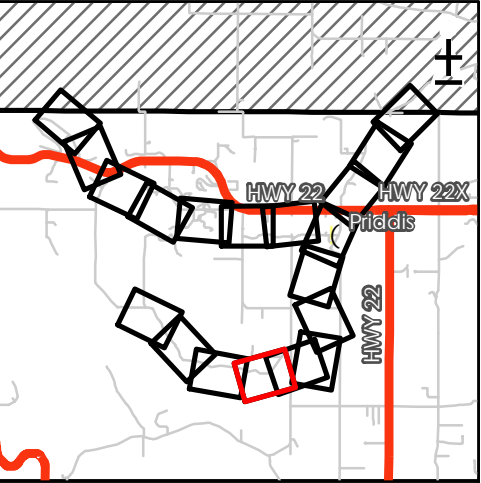
100 50 0 100 Scale
Metres 1:5,000

Priddis River Hazard Study		
750-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 10 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIda; 2019 Imagery via Government of Alberta



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 750-year

Flow Direction

Bridge

Culvert

Cross Sections

Creek

Local Road

RS: 123 River Station

Discharge
Fish Creek: 413 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

750-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
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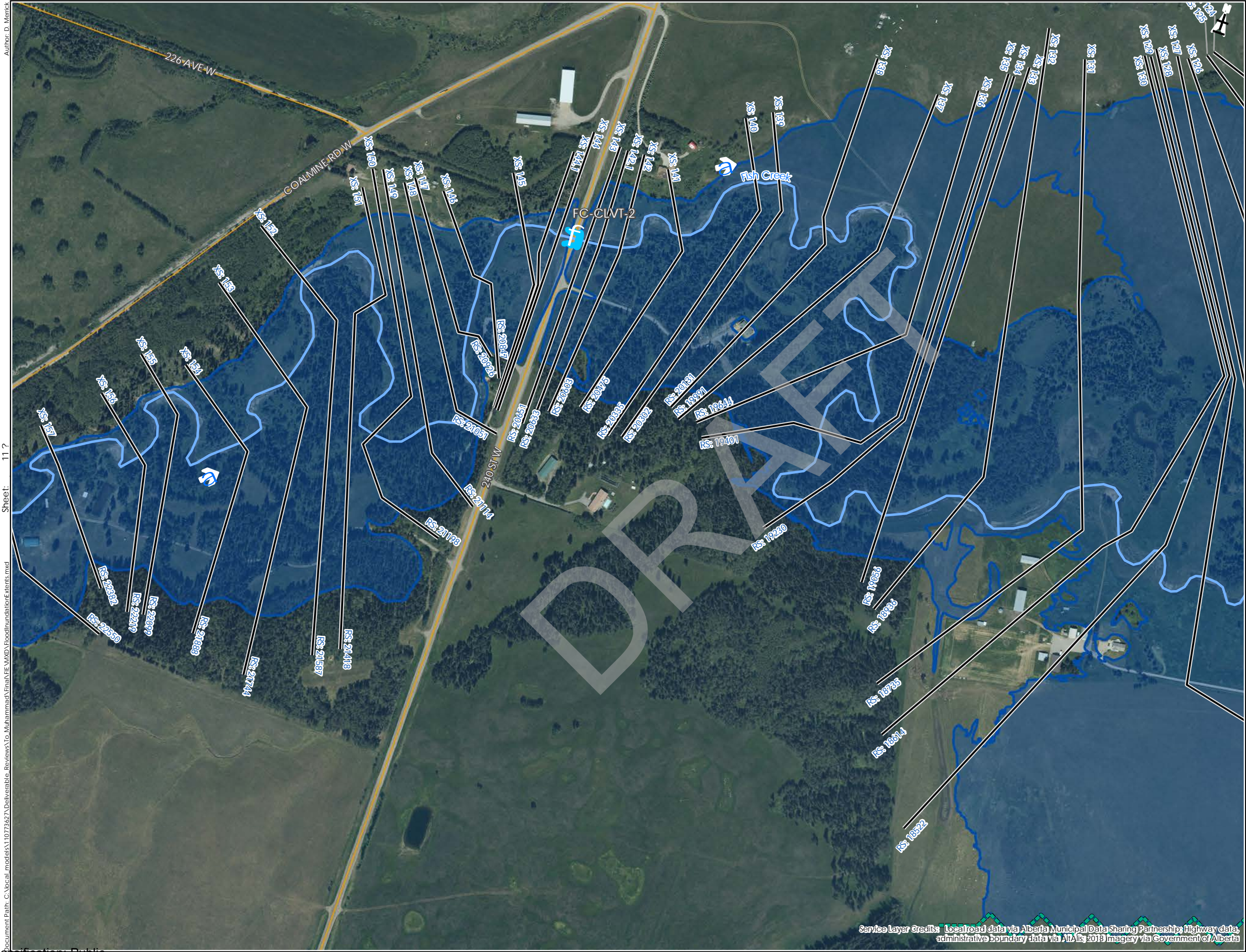
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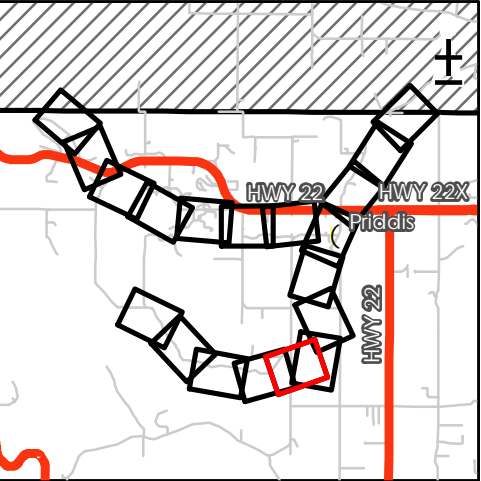
Project No.
110773627

REV.
A

Date:
20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 750-year

Flow Direction

Culvert

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 413 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

750-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

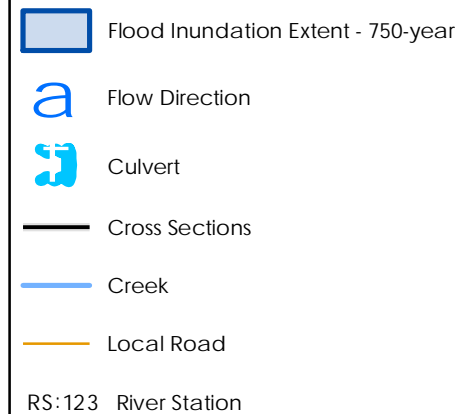
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12 of 19

Project No.
110773627

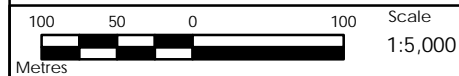
REV.
A

Date:
20 October 2021

Classification: Public



Discharge
Fish Creek: 413 m³/s



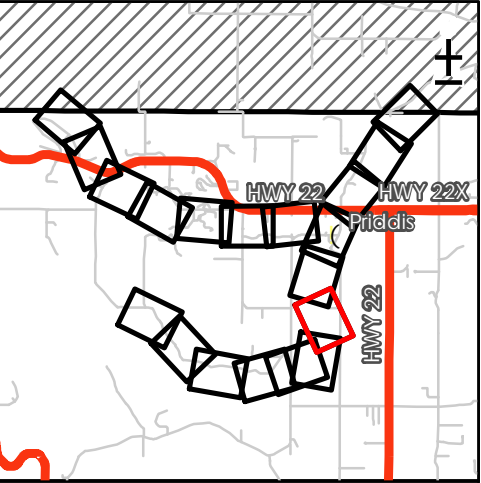
Priddis River Hazard Study

750-Year Flood Inundation Extent

GIS: MA		QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 13 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021	

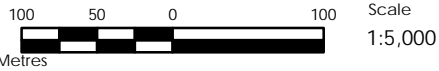


Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 750-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS:123 River Station

Discharge
Fish Creek: 413 m³/s



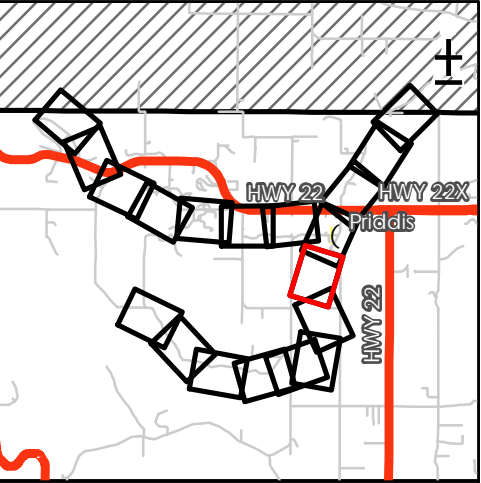
Priddis River Hazard Study

750-Year Flood Inundation Extent

GIS: MA QA/QC: JB Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114 Sheet: 14 of 19

Project No: 110773627 REV: A Date: 20 October 2021



Flood Inundation Extent - 750-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS: 123 River Station

Discharge
Fish Creek: 413 m³/s

100500100

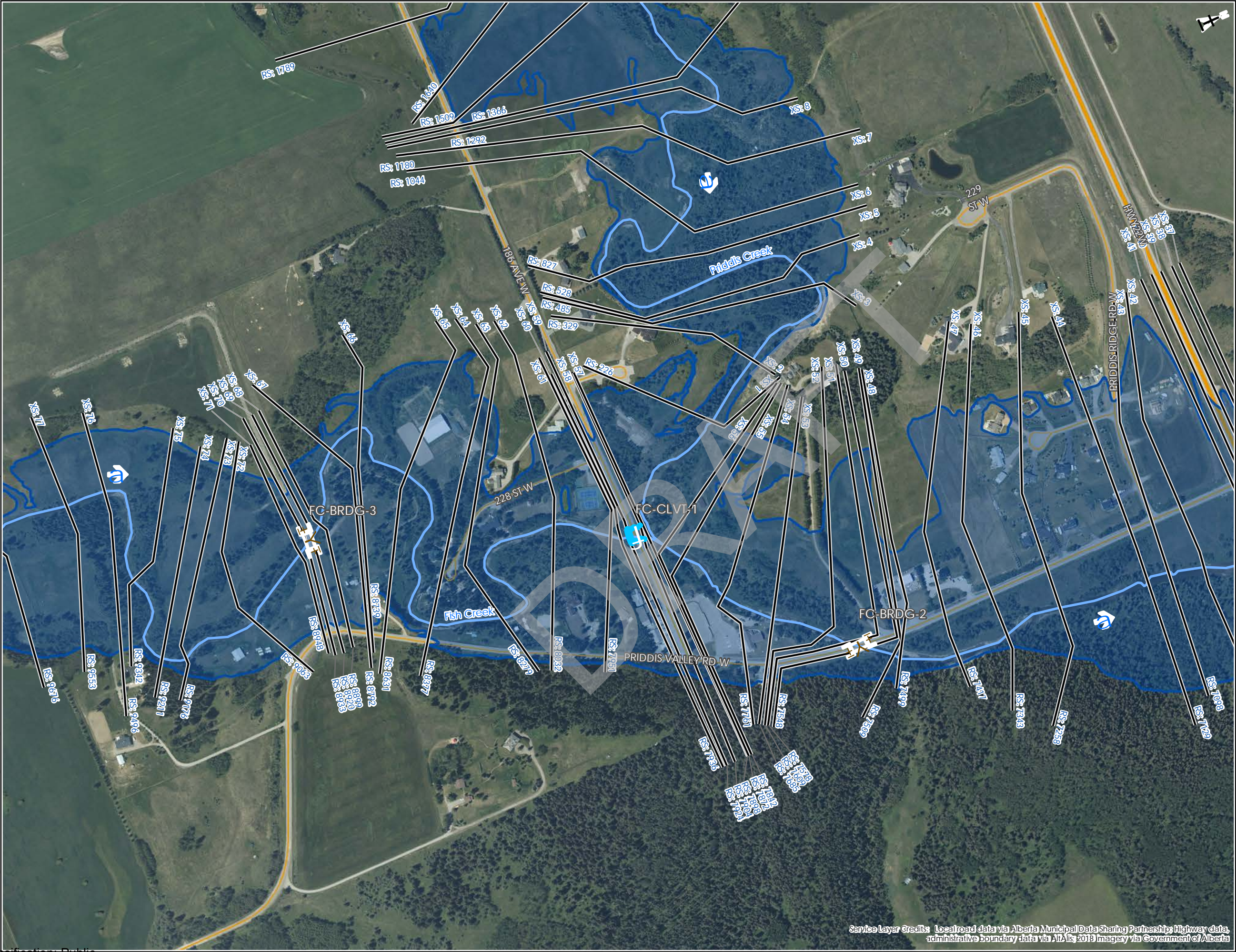
Metres

Scale
1:5,000

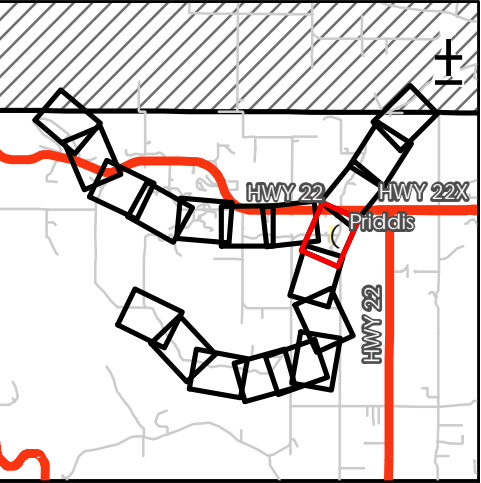
Priddis River Hazard Study

750-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 15 of 19
Project No. 110773627	REV. A	Date: 20 October 2021

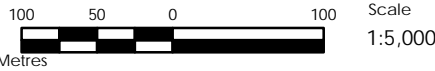


Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 750-year
- Flow Direction
- Bridge
- Culvert
- Cross Sections
- Creek
- Major Road
- Local Road
- RS: 123 River Station

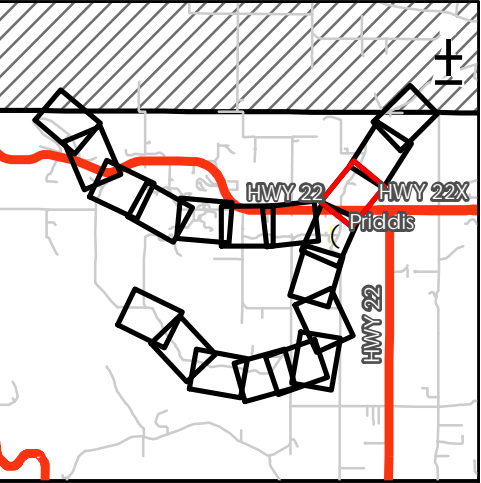
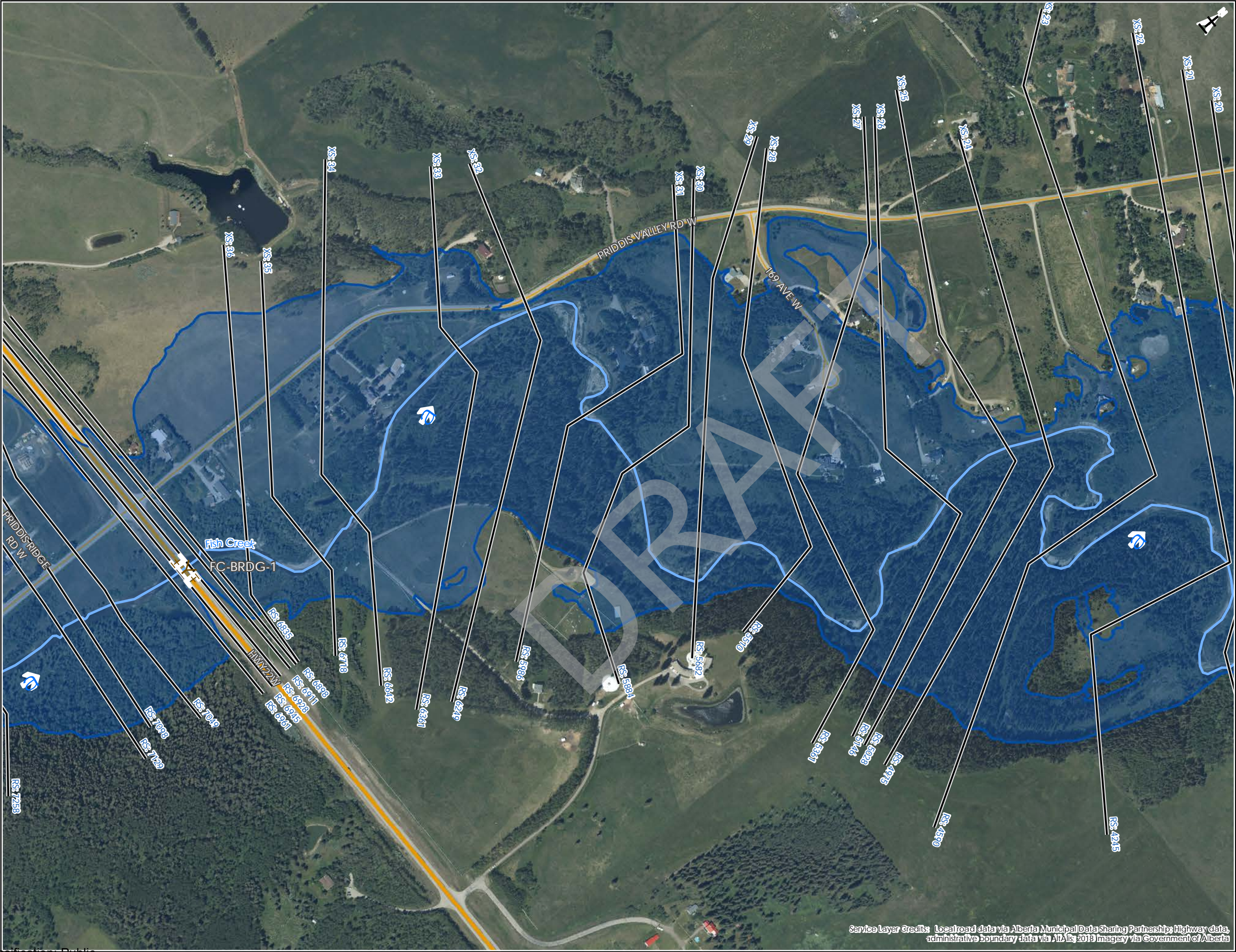
Discharge
Fish Creek above cross section 56: 413 m³/s
Fish Creek below cross section 56: 725 m³/s
Priddis Creek: 312 m³/s



Priddis River Hazard Study

750-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 16 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Flood Inundation Extent - 750-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123 River Station

Discharge
Fish Creek: 725 m³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study

750-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114

Sheet: 17 of 19

Project No. 110773627

REV. A

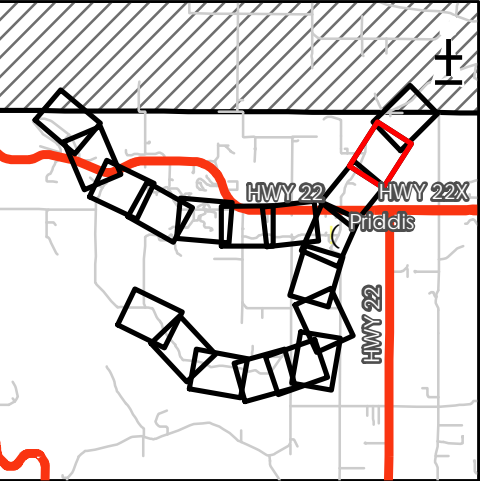
Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AltaLis 2018 Imagery via Government of Alberta

Classification: Public



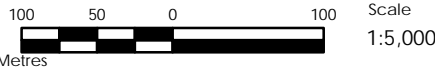
Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via AIA; 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 750-year
- Flow Direction
- Cross Sections
- Creek
- Local Road

RS:123 River Station

Discharge
Fish Creek: 725 m³/s



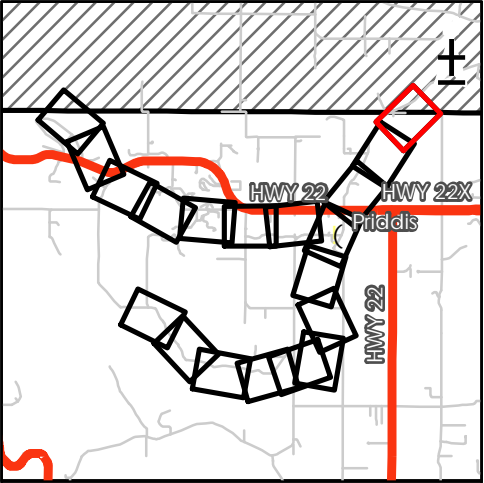
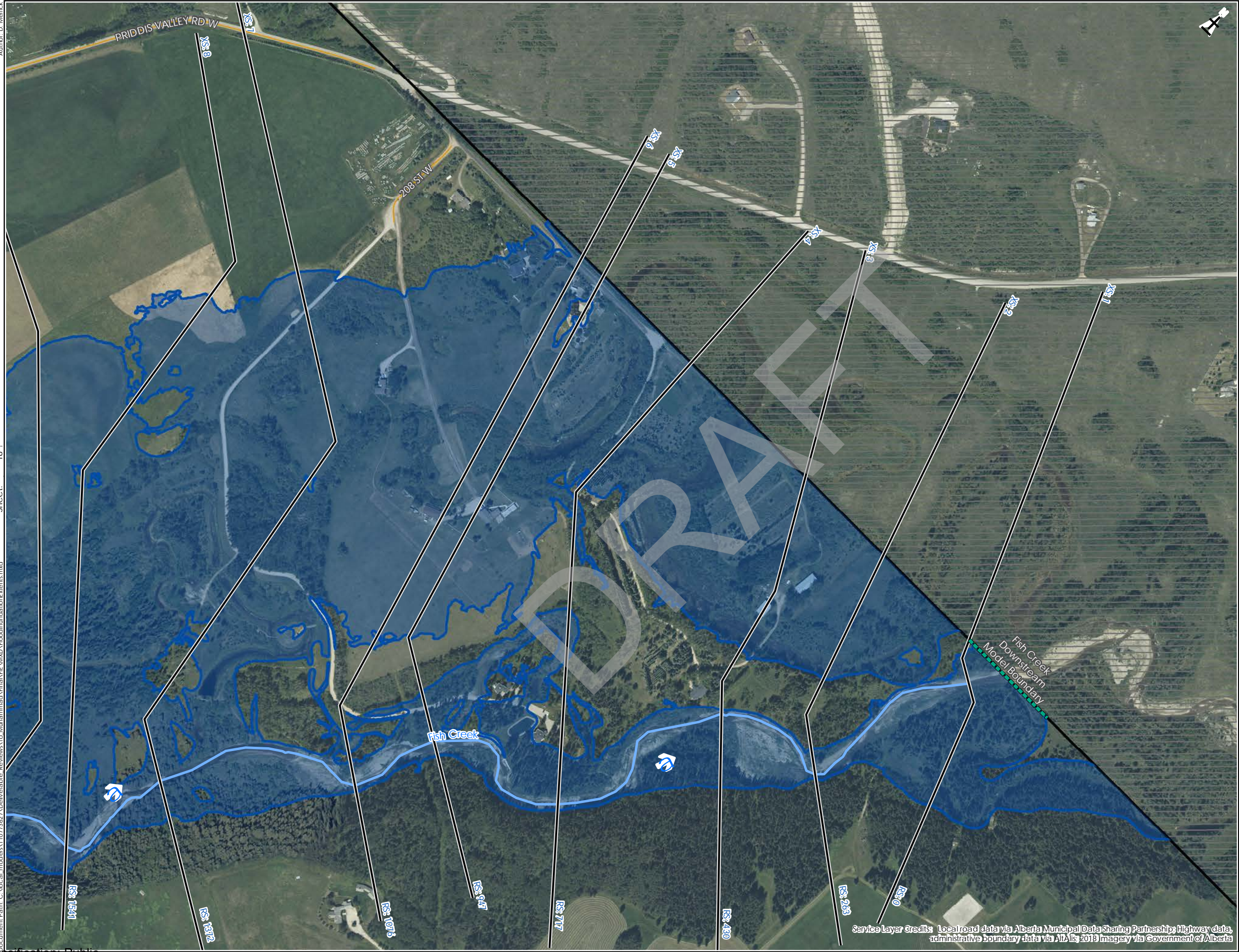
Priddis River Hazard Study

750-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
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Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 18 of 19
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Project No. 110773627	REV. A	Date: 20 October 2021
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Flood Inundation Extent - 750-year

Flow Direction

Cross Sections

Creek

Local Road

Tsuut'ina Nation

RS:123 River Station

Discharge
Fish Creek: 725 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

750-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
19 of 19

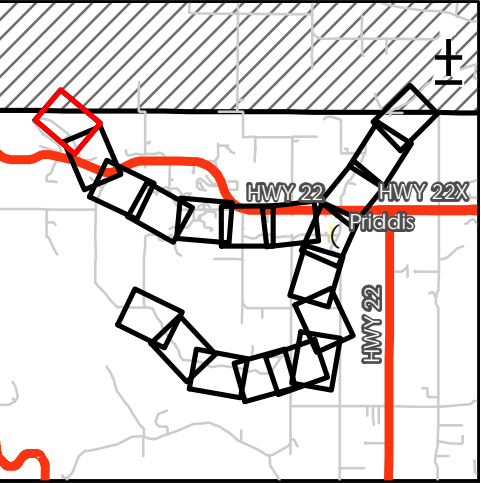
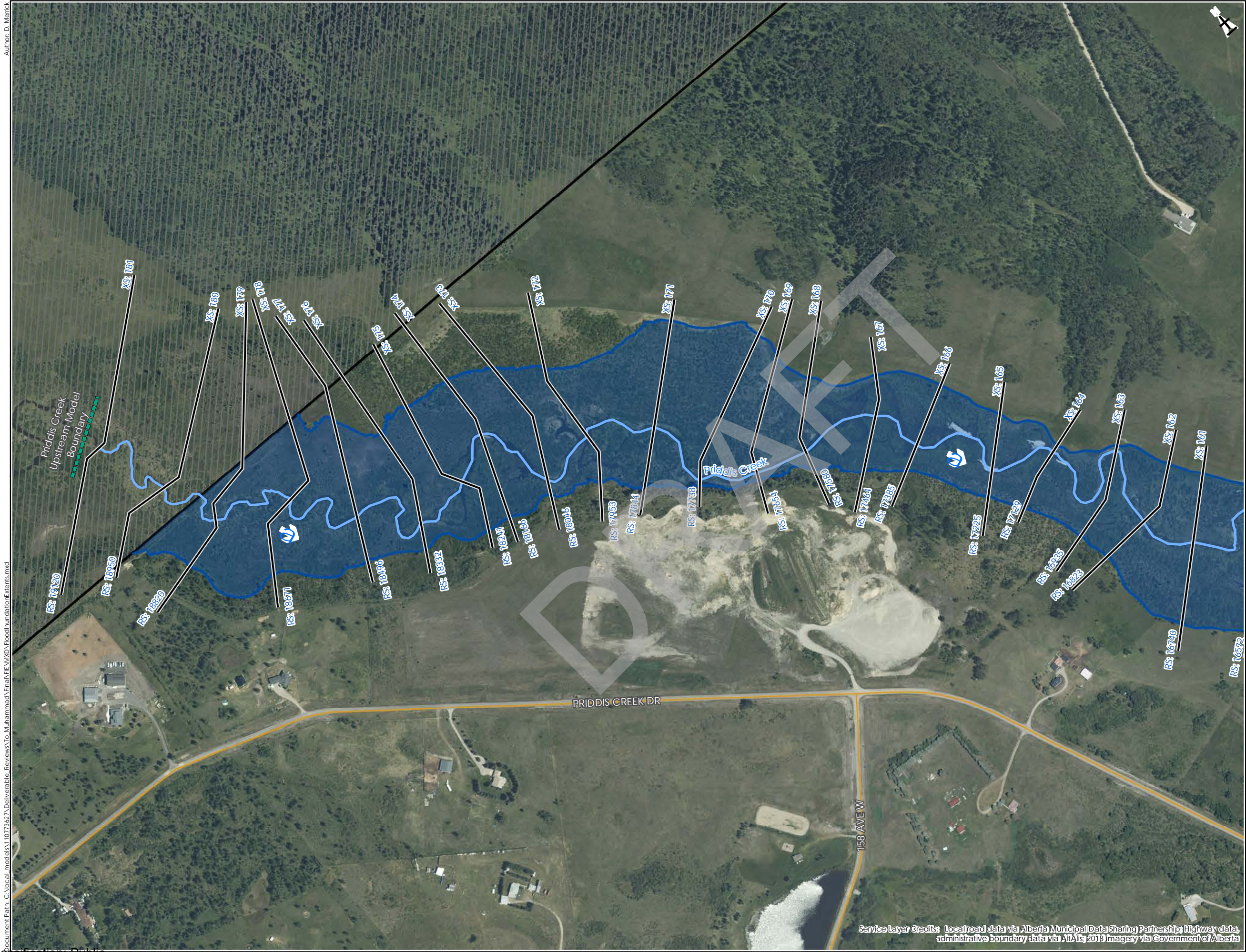
Project No.
110773627

REV.
A

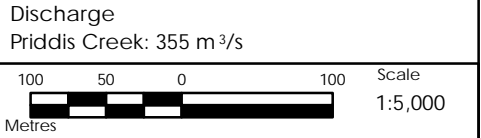
Date:
20 October 2021

1000-year Flood Inundation Extent (Sheets 1 to 19)

DRAFT



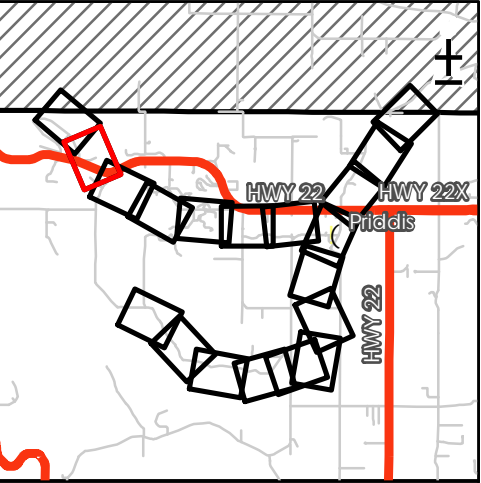
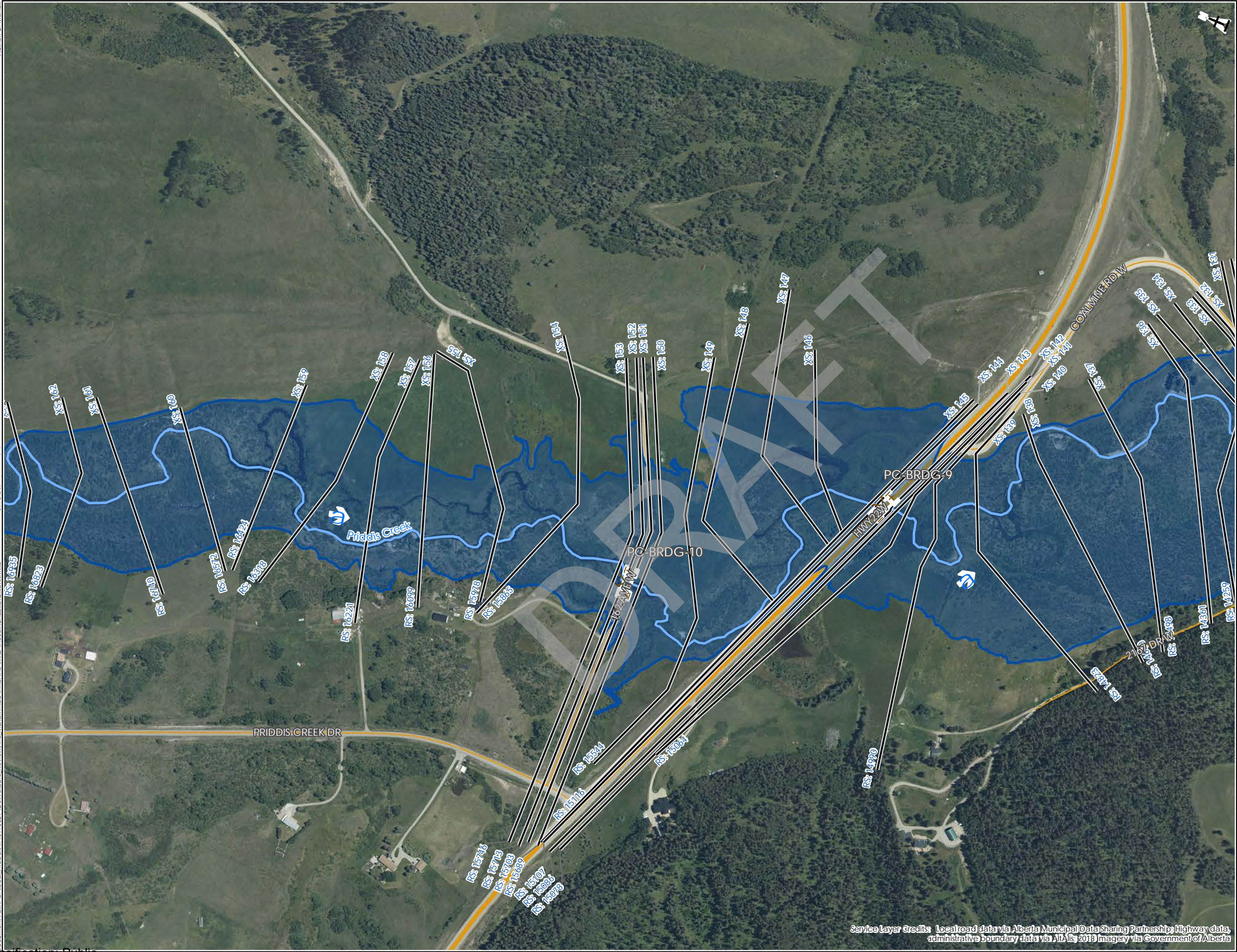
- Flood Inundation Extent - 1000-year
- Flow Direction
- Cross Sections
- Creek
- Major Road
- Local Road
- Tsuut'ina Nation
- RS: 123 River Station



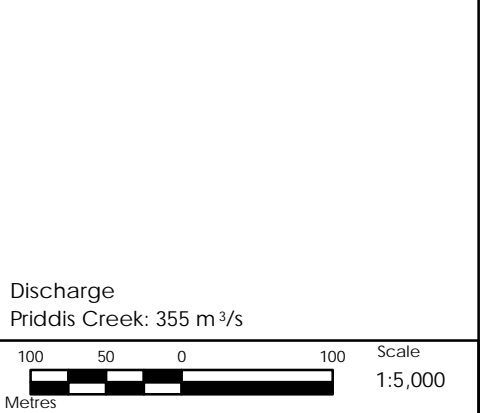
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1000-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 1 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta

Author: D. Merrick
Sheet: 1 ?
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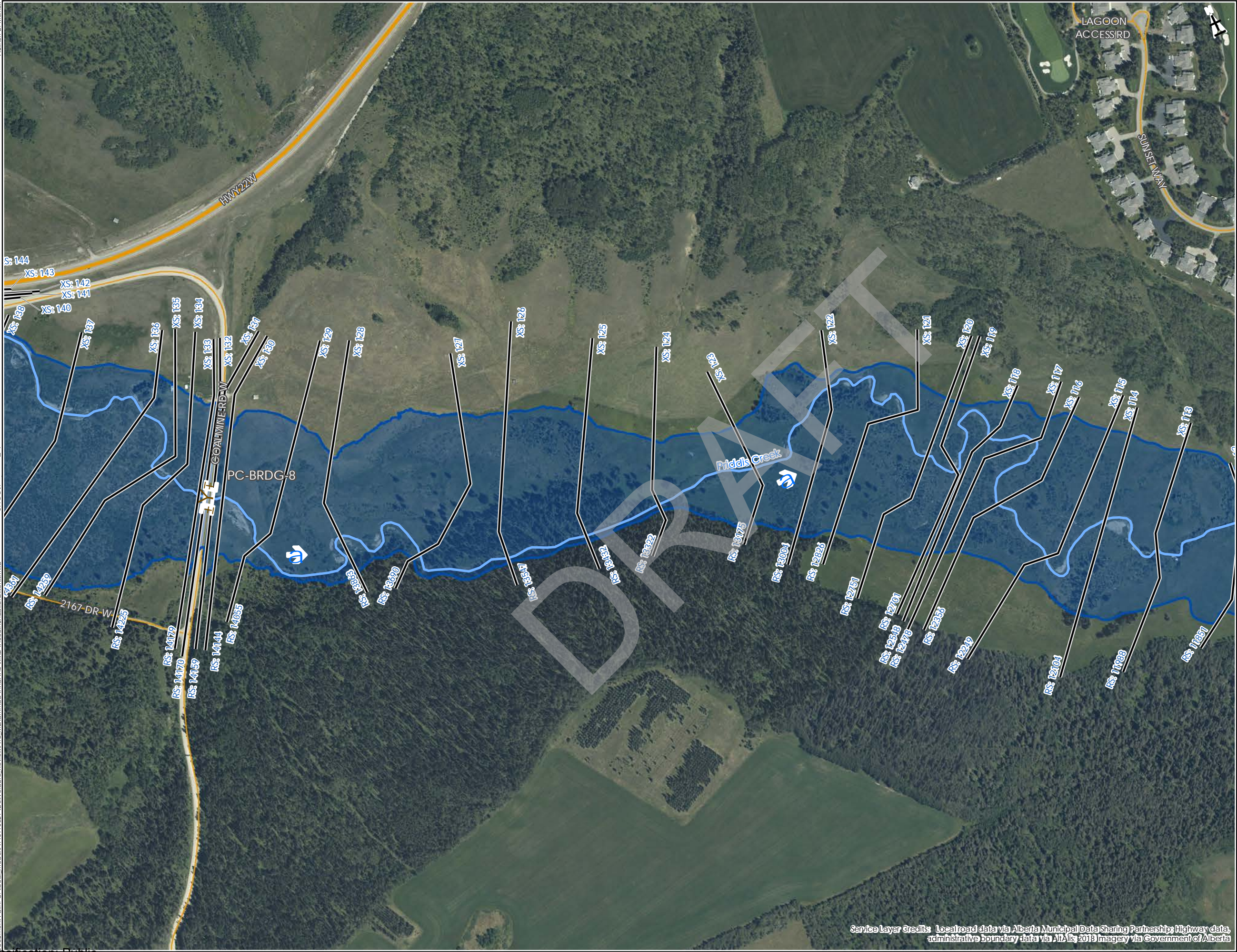


- Flood Inundation Extent - 1000-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Major Road
- Local Road
- RS:123 River Station

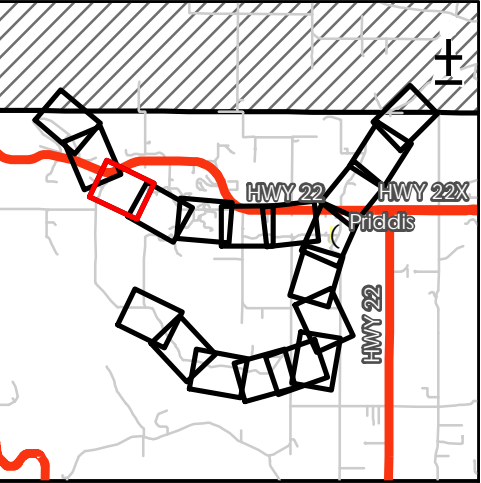


Priddis River Hazard Study		
1000-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 2 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA's 2018 Imagery via Government of Alberta



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA's 2018 Imagery via Government of Alberta



Flood Inundation Extent - 1000-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123 River Station

Discharge
Priddis Creek: 355 m³/s

100 50 0 100

Metres

Scale
1:5,000

Priddis River Hazard Study

1000-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

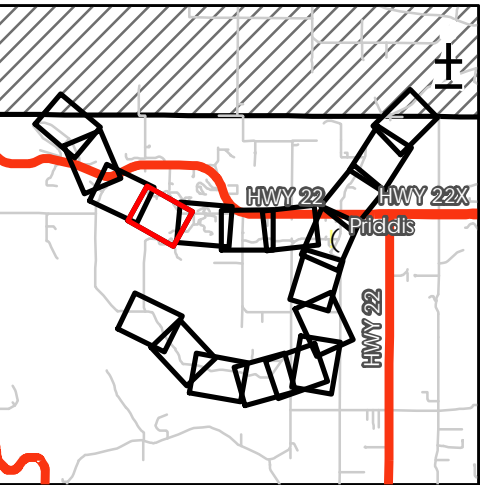
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






Project No.
110773627

REV.
A

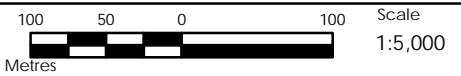
Date:
20 October 2021

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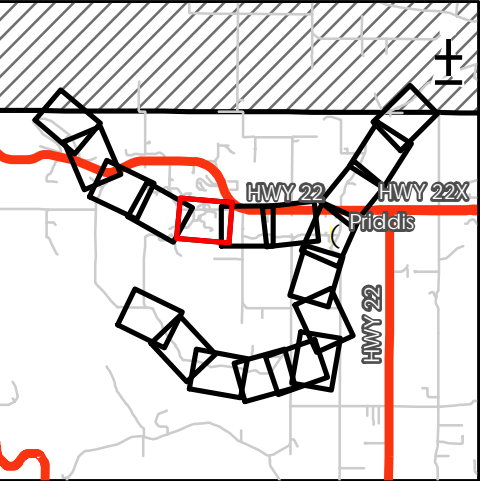
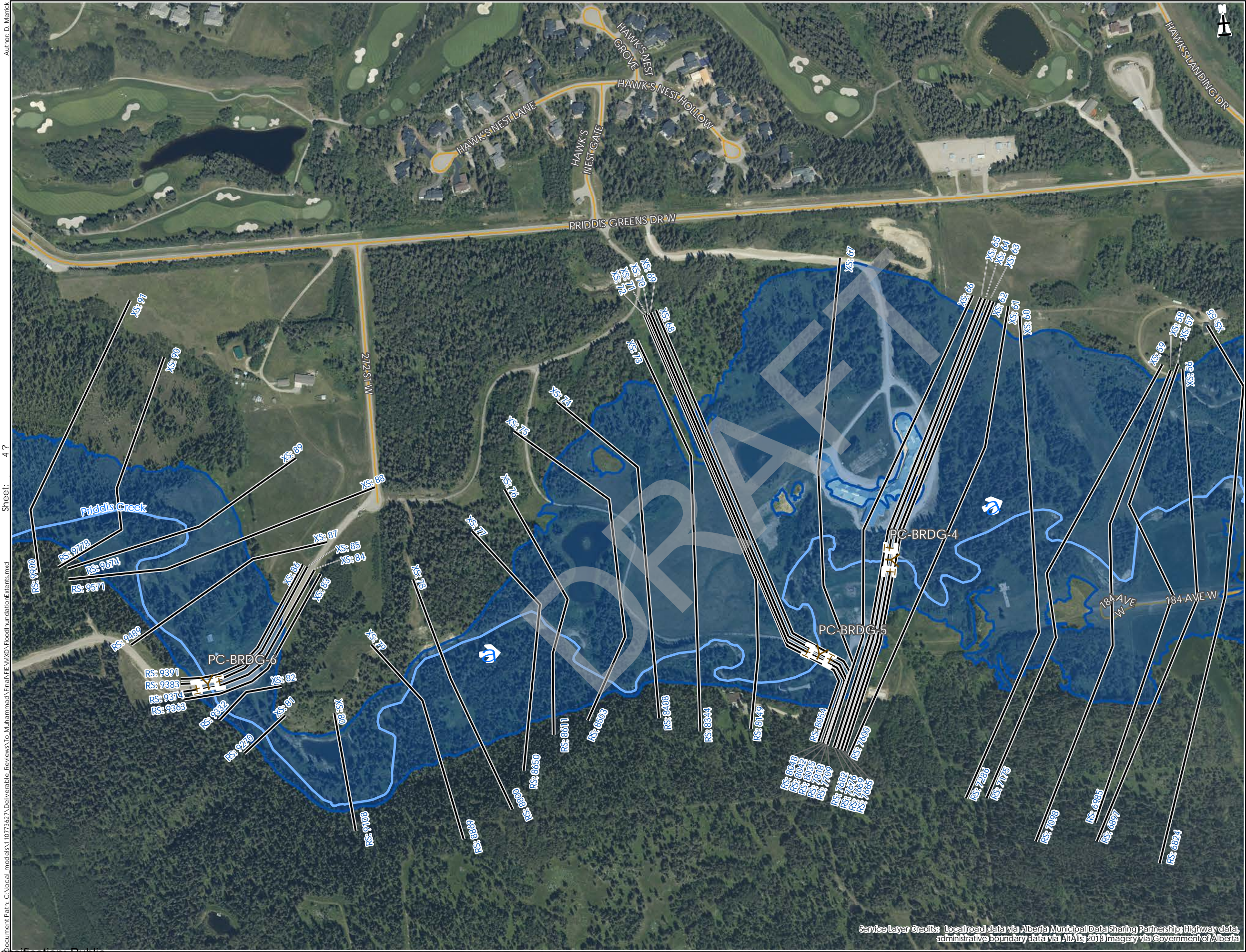


-  Flood Inundation Extent - 1000-year
-  Flow Direction
-  Bridge
-  Culvert
-  Cross Sections
-  Creek
-  Local Road
- RS:123 River Station

Discharge
Priddis Creek: 355 m³/s

Priddis River Hazard Study
1000-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 4 of 19
Project No. 110773627	REV. A	Date: 20 October 202



Flood Inundation Extent - 1000-year

Flow Direction

Bridge

Cross Sections

Creek

Major Road

Local Road

RS:123 River Station

Discharge
Priddis Creek: 355 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

1000-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
5 of 19

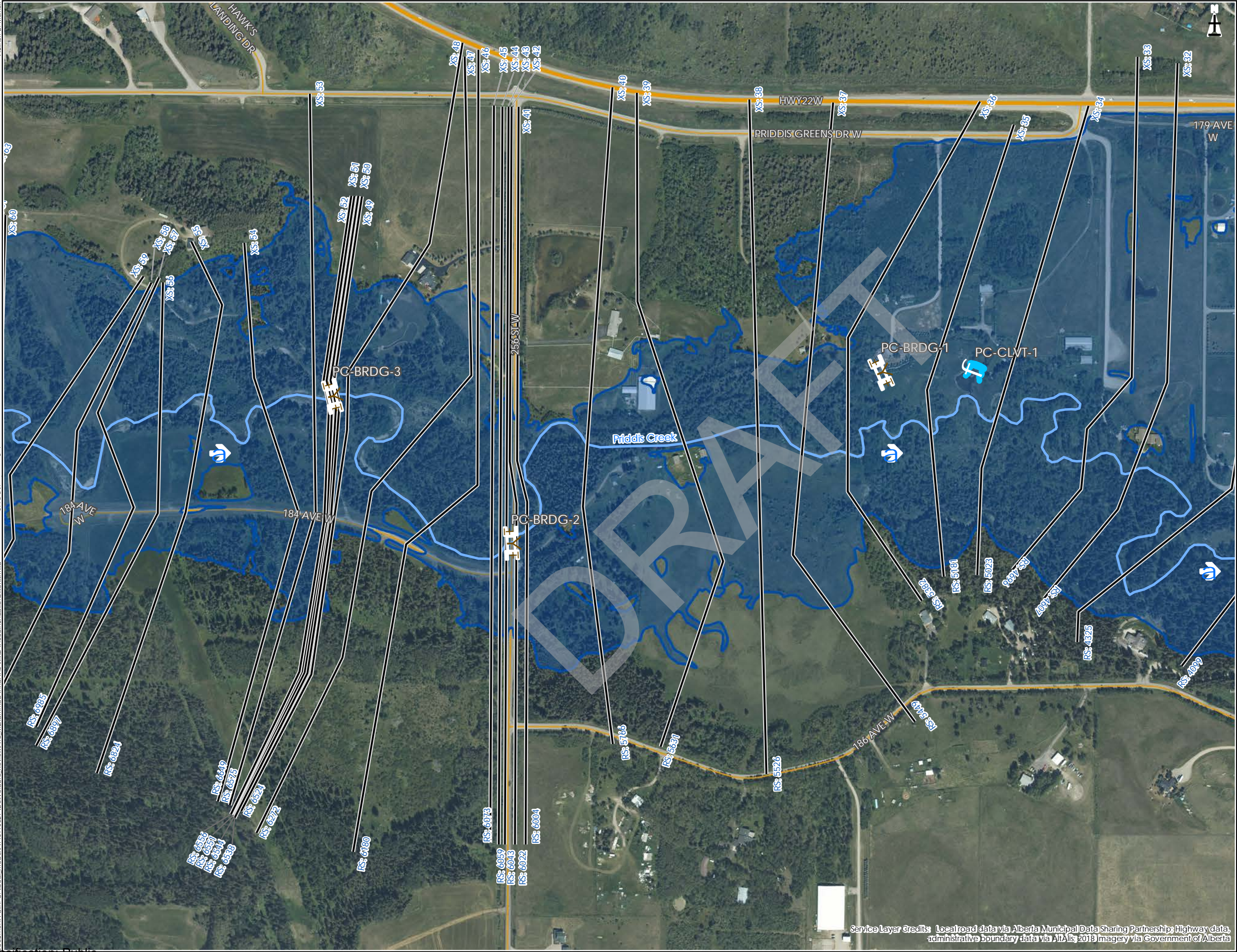
Project No.
110773627

REV.
A

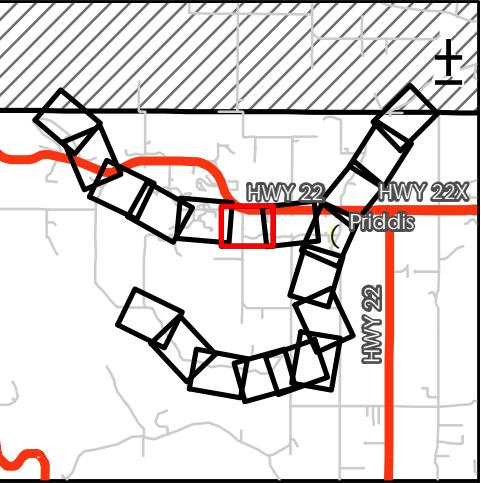
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20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIA; 2018 imagery via Government of Alberta

Author: D. Merrick
Sheet: 5 ?
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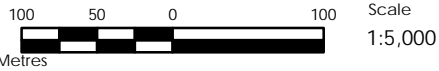


Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 1000-year
- Flow Direction
- Bridge
- Culvert
- Cross Sections
- Creek
- Major Road
- Local Road
- RS: 123 River Station

Discharge
Priddis Creek: 355 m³/s



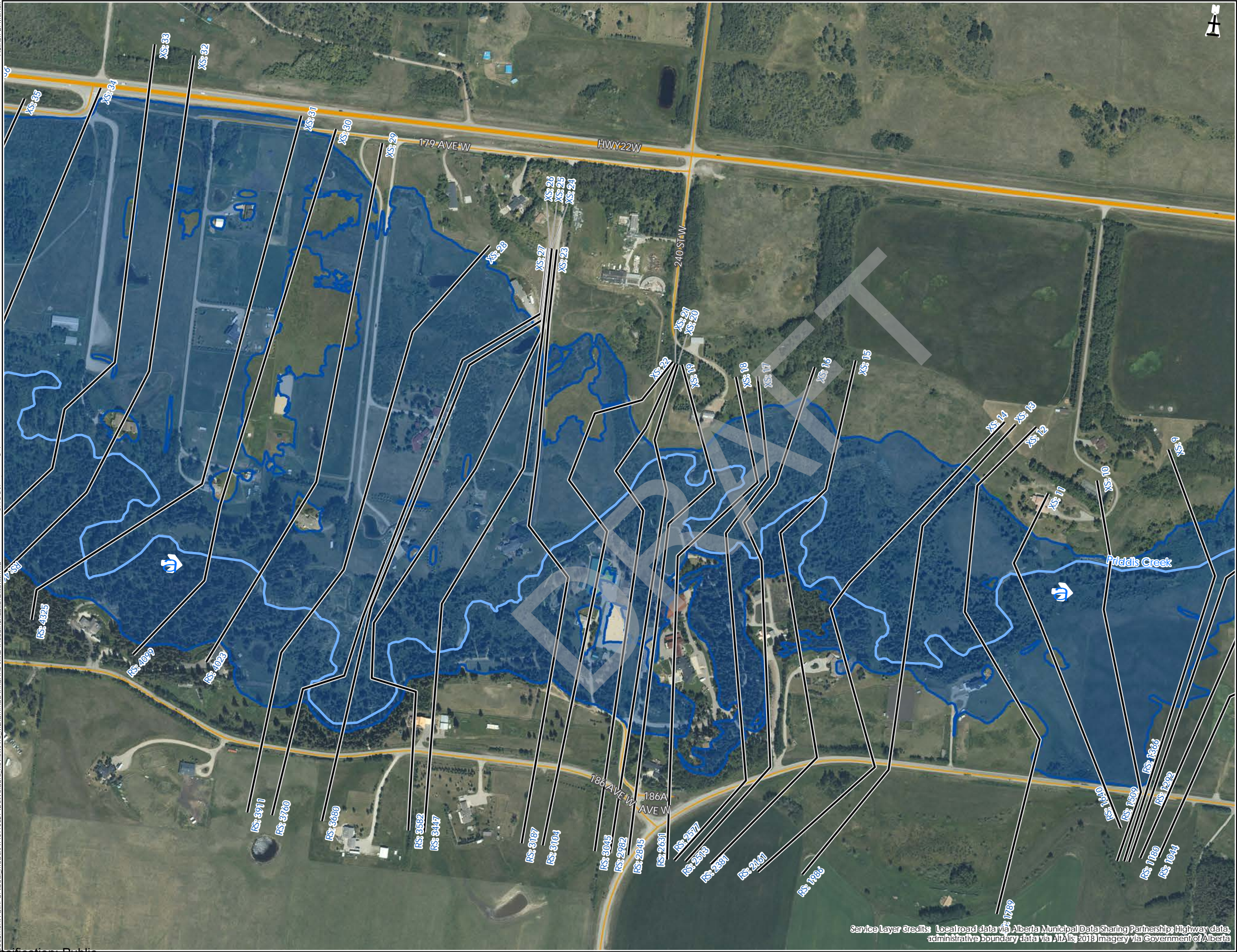
Priddis River Hazard Study

1000-Year Flood Inundation Extent

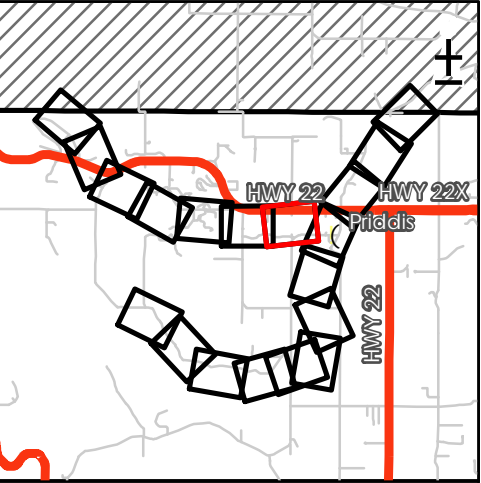
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Spatial Ref: NAD 1983 CSRS 3TM 114 Sheet: 6 of 19

Project No: 110773627 REV: A Date: 20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 1000-year

Flow Direction

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123 River Station

Discharge
Priddis Creek: 355 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

1000-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
7 of 19

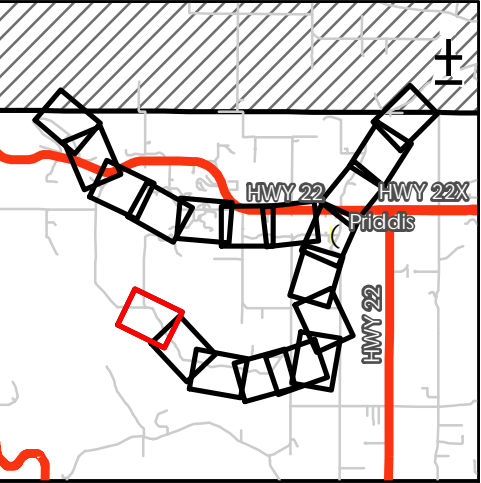
Project No.
110773627

REV.
A

Date:
20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIT/Alis 2018 Imagery via Government of Alberta



Flood Inundation Extent - 1000-year

Flow Direction

Bridge

Cross Sections

Creek

Local Road

RS:123 River Station

Discharge
Fish Creek: 471 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

1000-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

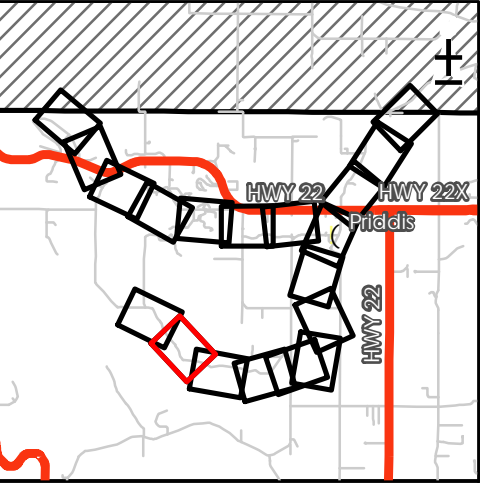
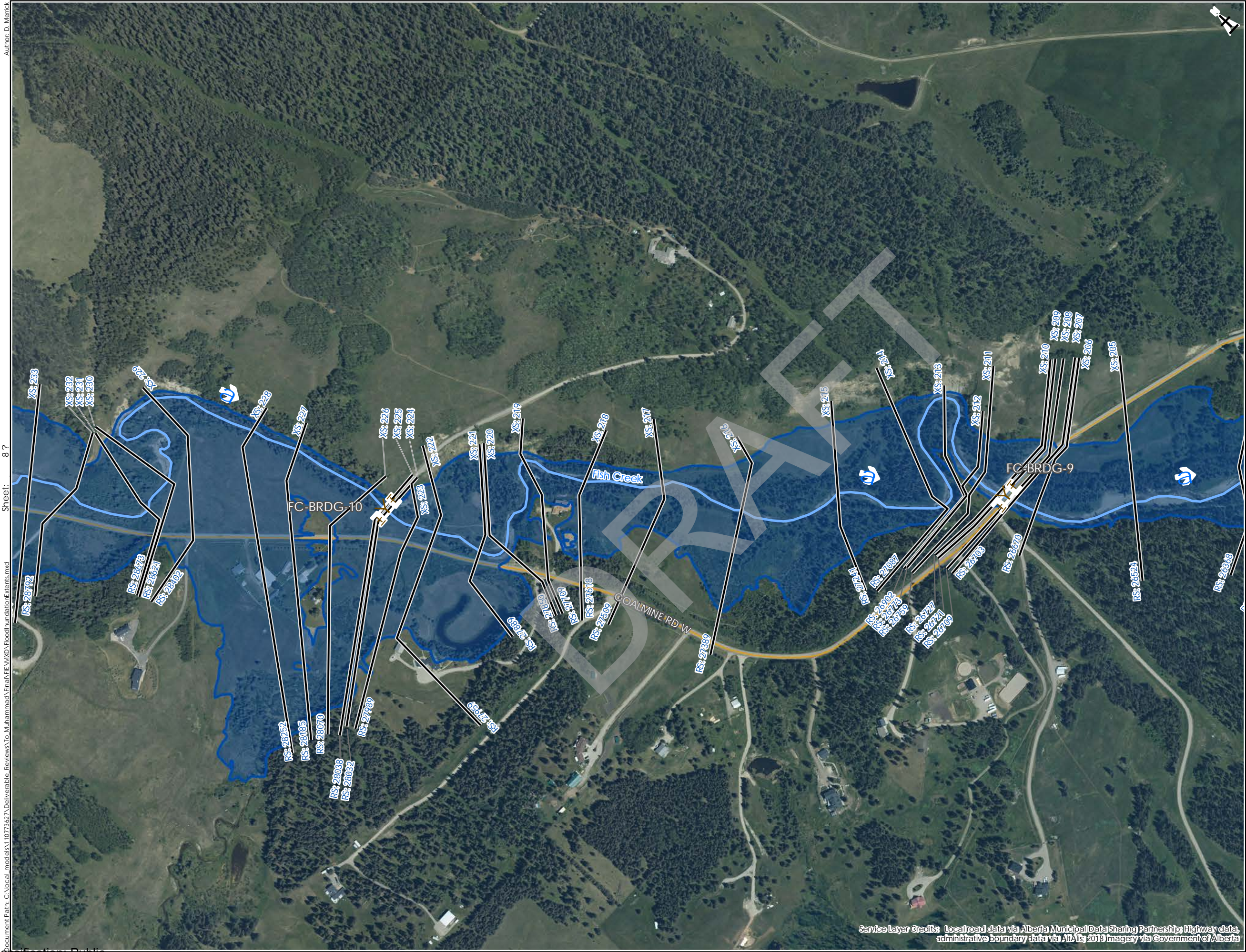
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8 of 19

Project No.
110773627

REV.
A

Date:
20 October 2021

Classification: Public



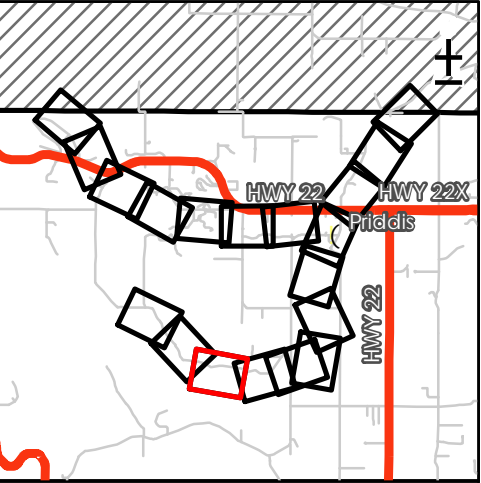
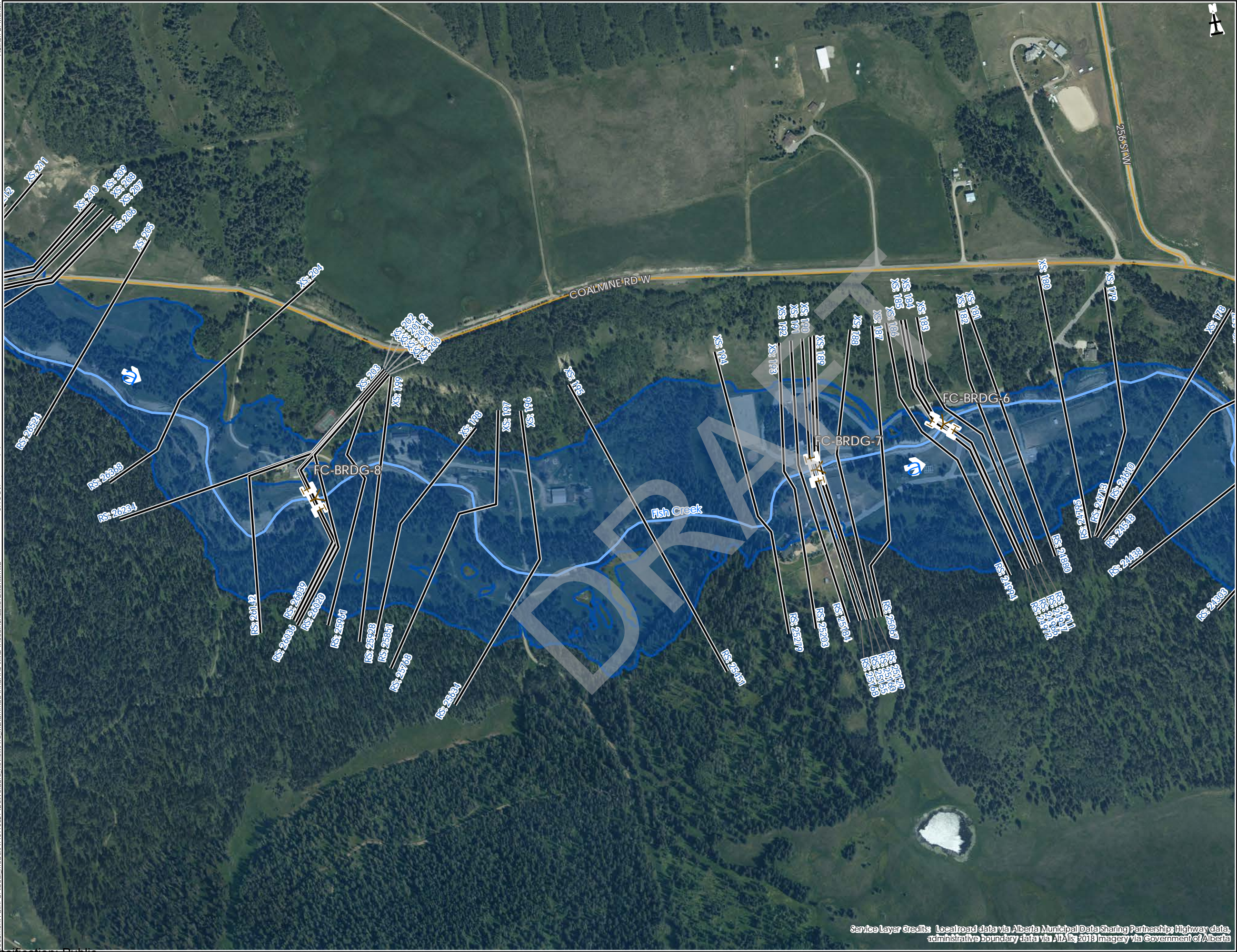
- Flood Inundation Extent - 1000-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS:123 River Station

Discharge
Fish Creek: 471 m³/s

100 50 0 100 Scale
Metres 1:5,000

Priddis River Hazard Study		
1000-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 9 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AITLis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 1000-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS:123 River Station

Discharge
Fish Creek: 471 m³/s

100

50

0

100

Metres

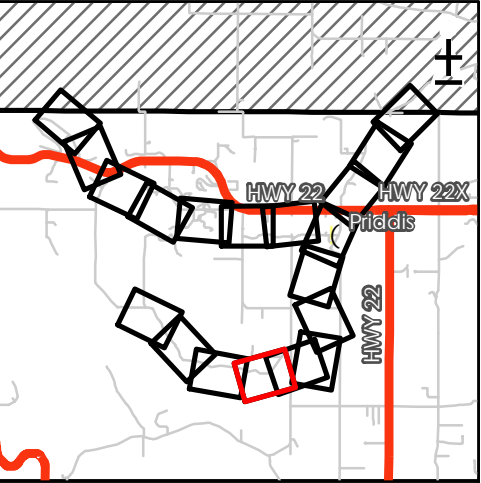
Scale
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Priddis River Hazard Study		
1000-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 10 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via AIda; 2019 Imagery via Government of Alberta

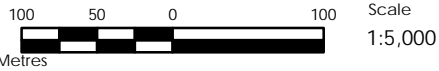


Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 1000-year
- Flow Direction
- Bridge
- Culvert
- Cross Sections
- Creek
- Local Road
- RS: 123 River Station

Discharge
Fish Creek: 471 m³/s



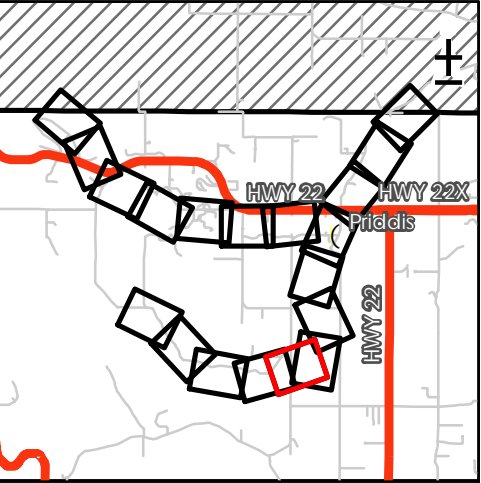
Priddis River Hazard Study

1000-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 11 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021

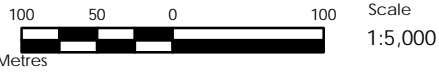


Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via Altalis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 1000-year
- Flow Direction
- Culvert
- Cross Sections
- Creek
- Local Road
- RS:123 River Station

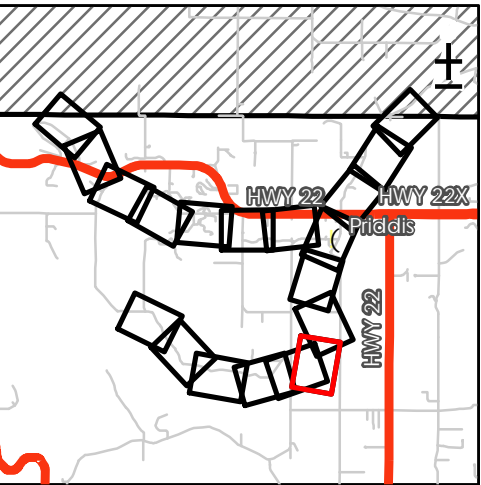
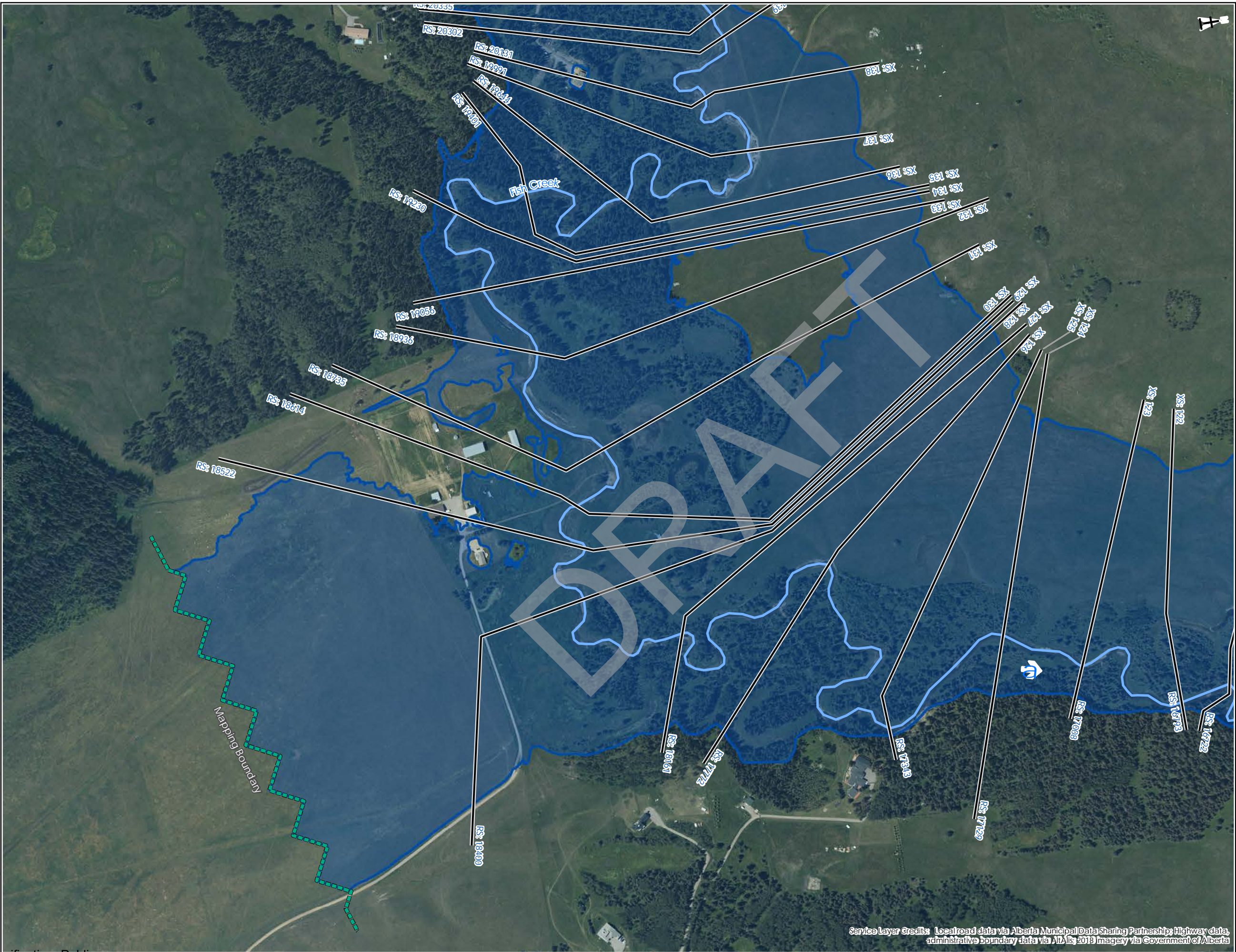
Discharge
Fish Creek: 471 m³/s









Priddis River Hazard Study

1000-Year Flood Inundation Extent

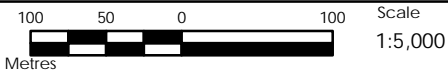
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Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 12 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



-  Flood Inundation Extent - 1000-year
-  Flow Direction
-  Culvert
-  Cross Sections
-  Creek
-  Local Road

RS:123 River Station

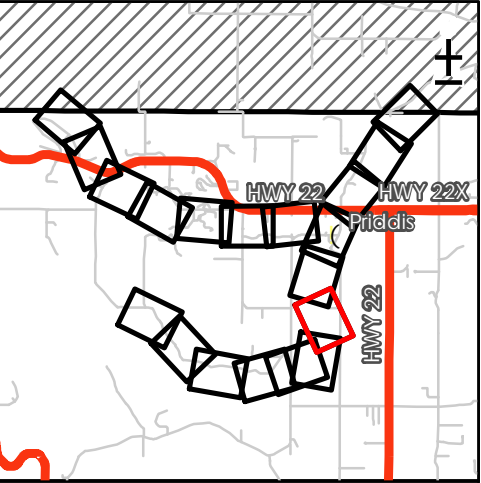
Discharge
Fish Creek: 471 m³/s

Priddis River Hazard Study
1000-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114		Sheet: 13 of 19
Project No. 110773627	REV. A	Date: 20 October 2021

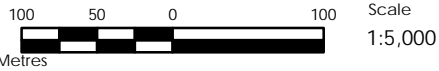


Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 1000-year
- Flow Direction
- Bridge
- Cross Sections
- Creek
- Local Road
- RS:123 River Station

Discharge
Fish Creek: 471 m³/s



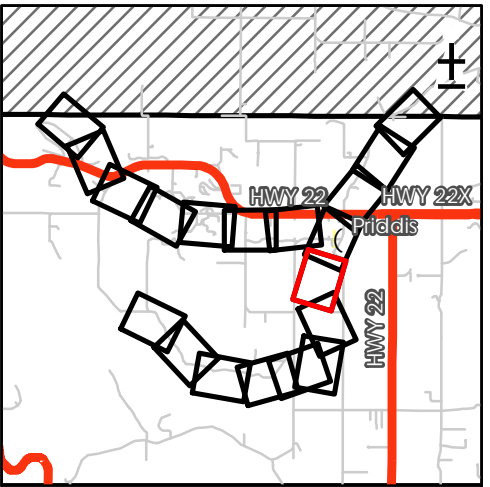
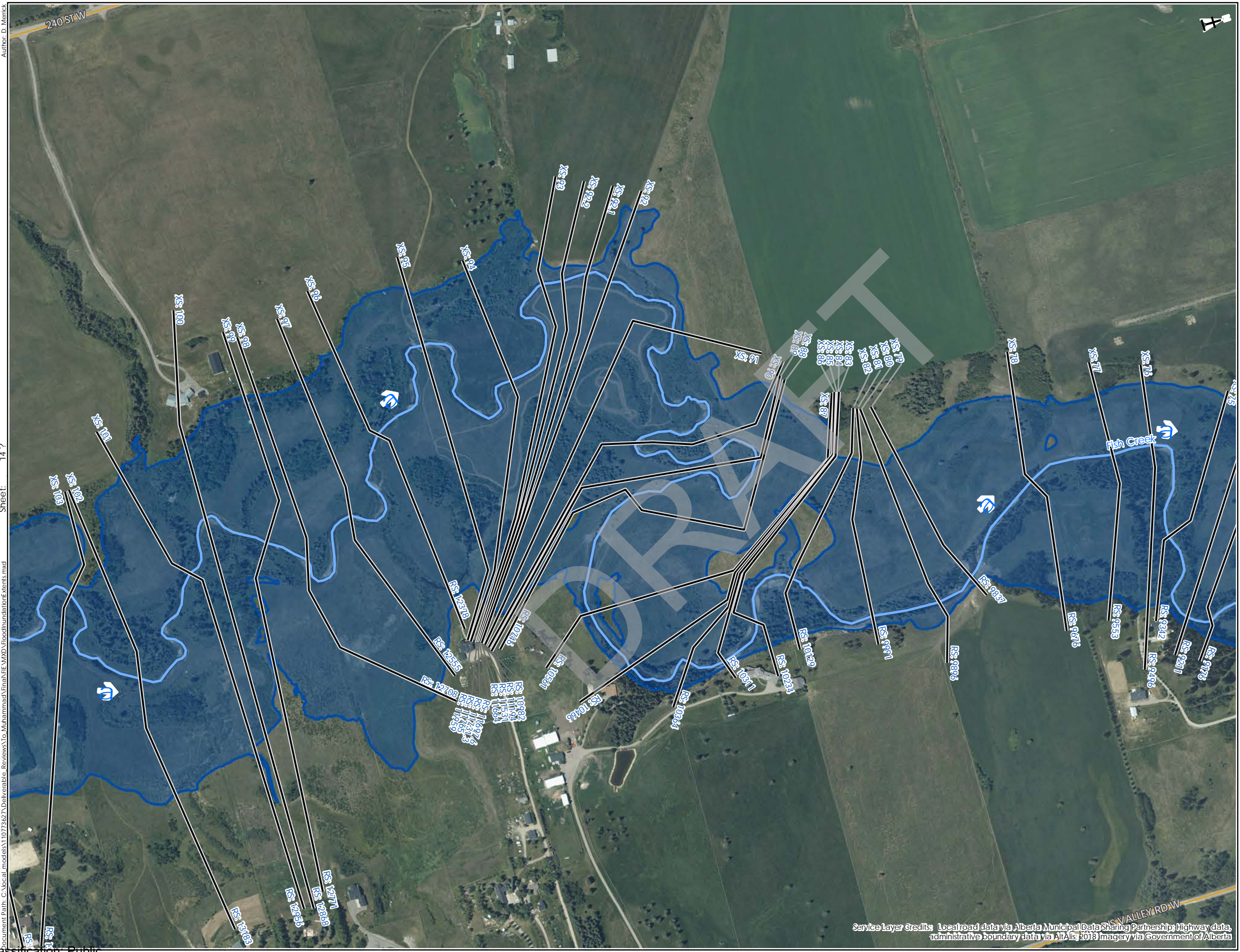
Priddis River Hazard Study







1000-Year Flood Inundation Extent

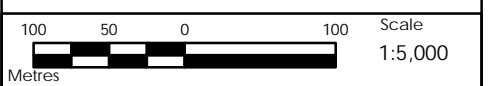
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Spatial Ref: NAD 1983 CSRS 3TM 114 Sheet: 14 of 19

Project No: 110773627 REV: A Date: 20 October 2021



-  Flood Inundation Extent - 1000-year
-  Flow Direction
-  Bridge
-  Cross Sections
-  Creek
-  Local Road
- RS:123 River Station

Discharge
Fish Creek: 471 m³/s

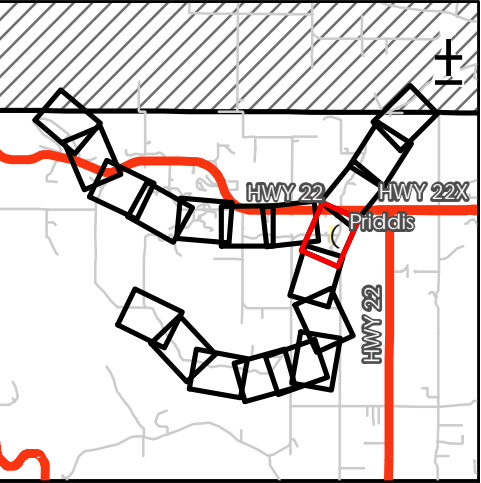
Priddis River Hazard Study

1000-Year Flood Inundation Extent

GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 15 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data, administrative boundary data via Altalis 2018 Imagery via Government of Alberta



Alberta
Government

Stantec

Flood Inundation Extent - 1000-year

Flow Direction

Bridge

Culvert

Cross Sections

Creek

Major Road

Local Road

RS: 123 River Station

Discharge
Fish Creek above cross section 56: 471 m³/s
Fish Creek below cross section 56: 826 m³/s
Priddis Creek: 355 m³/s

100

50

0

100

Metres

Scale
1:5,000

Priddis River Hazard Study

1000-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

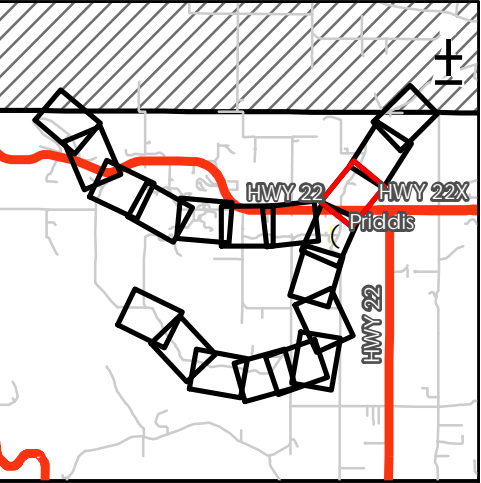
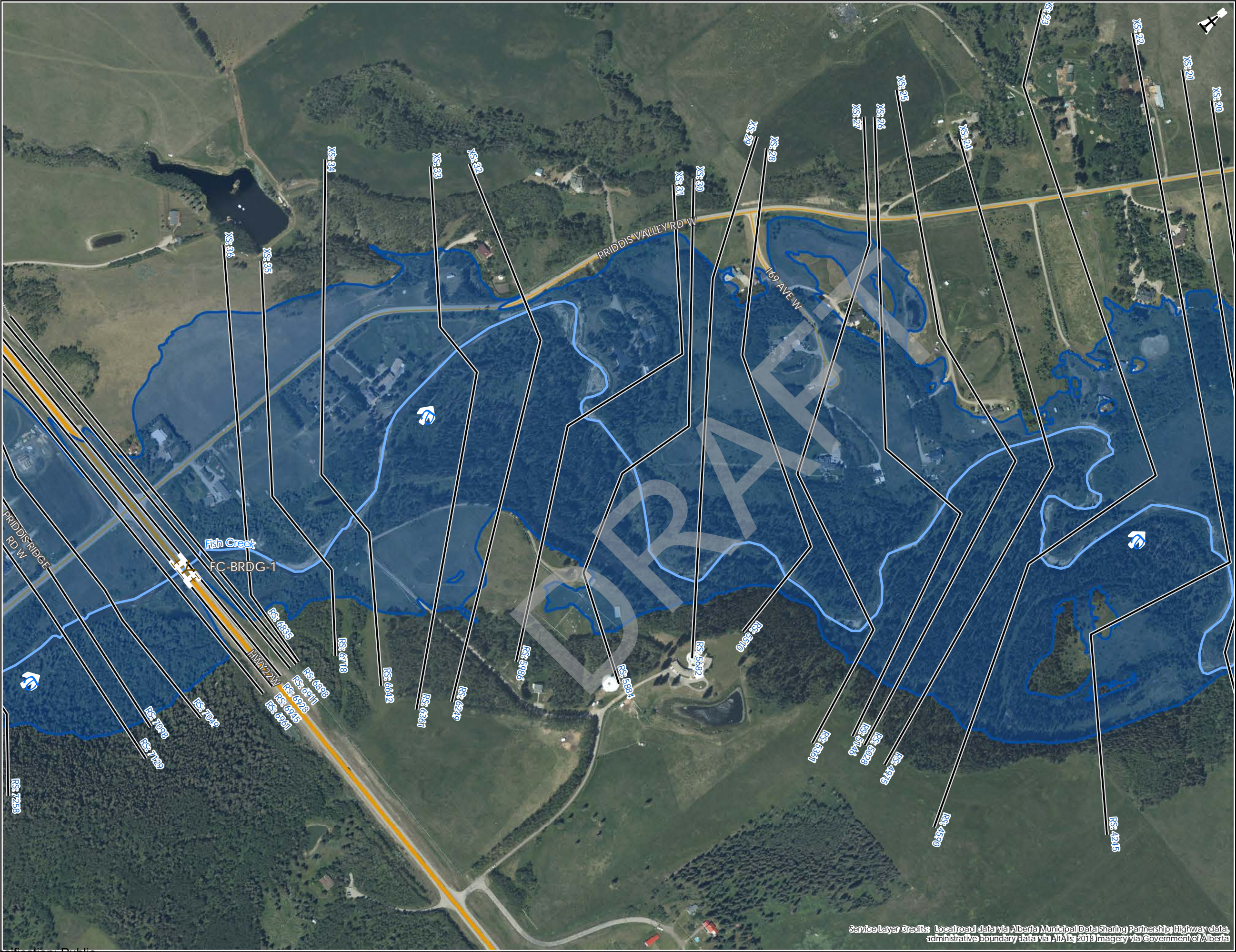
Spatial Ref: NAD 1983 CSRS 3TM 114



Sheet: 16 of 19


Project No. 110773627


REV. A


Date: 20 October 2021








 Flood Inundation Extent - 1000-year


 Flow Direction

 Bridge

 Cross Sections

 Creek

 Major Road

 Local Road

RS:123 River Station

Discharge
Fish Creek: 826 m³/s

100

50

0

100

Metres

Scale
1:5,000

Priddis River Hazard Study

1000-Year Flood Inundation Extent

GIS: MA

QA/QC: JB

Approved: MW

Spatial Ref: NAD 1983 CSRS 3TM 114

Sheet: 17 of 19

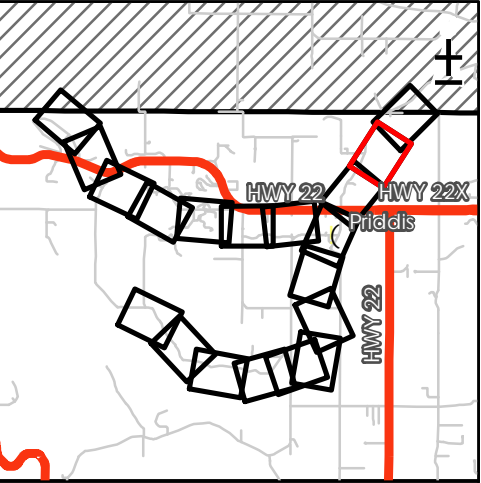
Project No: 110773627

REV: A

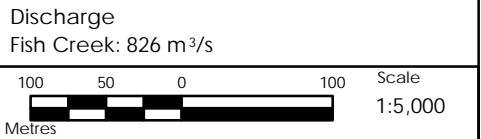
Date: 20 October 2021



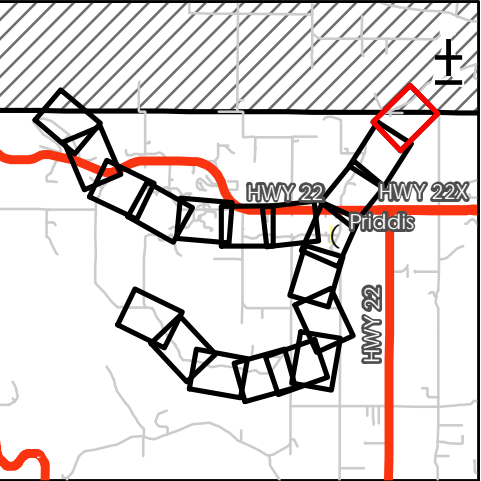
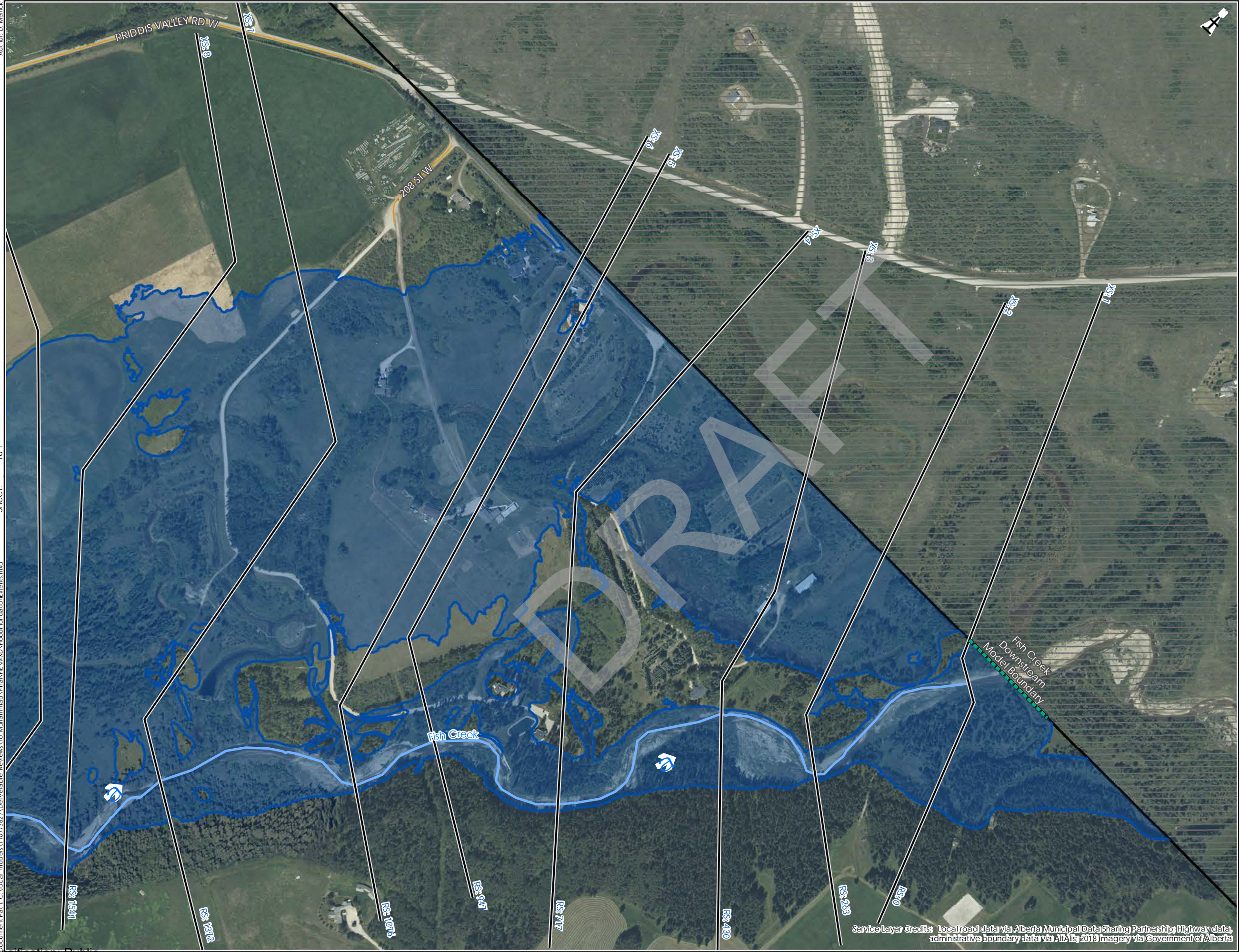
Service Layer Credits: Local road data via Alberta Municipal Data Sharing Partnership; Highway data; administrative boundary data via Atralis 2018 Imagery via Government of Alberta



- Flood Inundation Extent - 1000-year
 - Flow Direction
 - Cross Sections
 - Creek
 - Local Road
- RS:123 River Station



Priddis River Hazard Study		
1000-Year Flood Inundation Extent		
GIS: MA	QA/QC: JB	Approved: MW
Spatial Ref: NAD 1983 CSRS 3TM 114	Sheet: 18 of 19	
Project No. 110773627	REV. A	Date: 20 October 2021



Alberta
Government

Stantec

Flood Inundation Extent - 1000-year

Flow Direction

Cross Sections

Creek

Local Road

Tsuut'ina Nation

RS:123 River Station

Discharge
Fish Creek: 826 m³/s

100500100

Metres

Scale
1:5,000

Priddis River Hazard Study

1000-Year Flood Inundation Extent

GIS:
MA

QA/QC:
JB

Approved:
MW

Spatial Ref:
NAD 1983 CSRS 3TM 114

Sheet:
19 of 19

Project No.
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