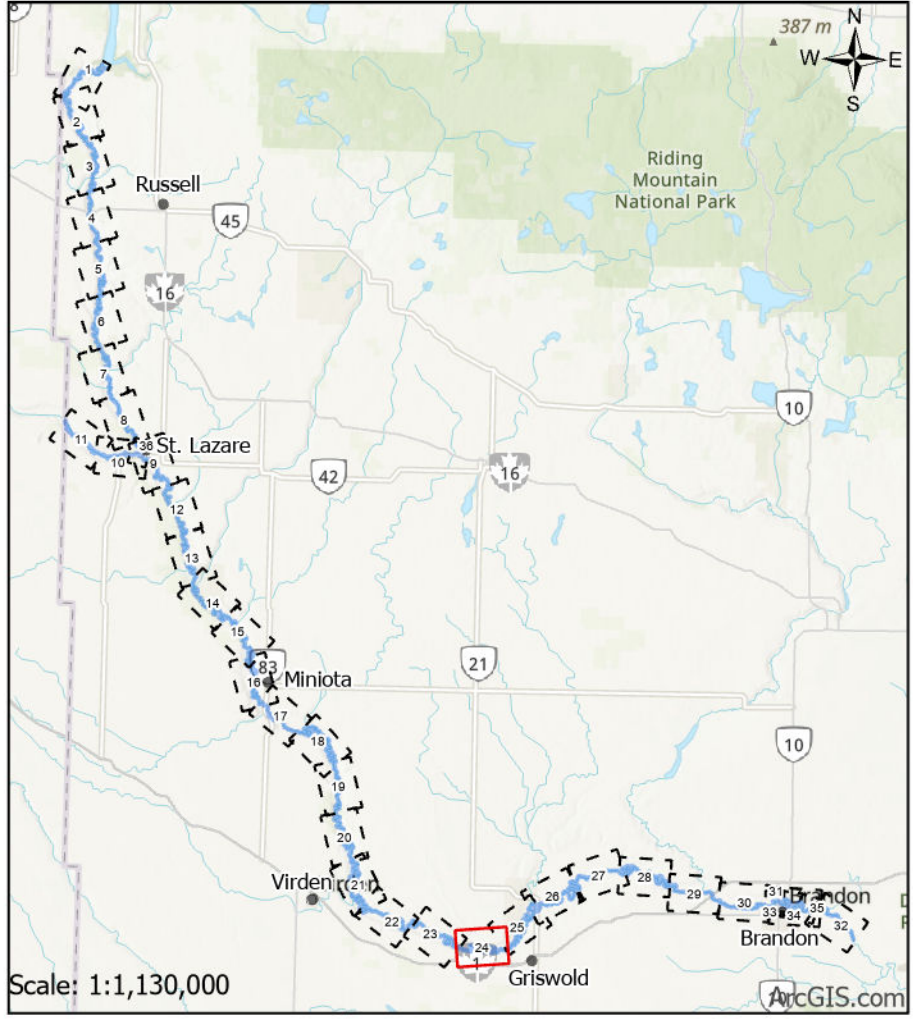
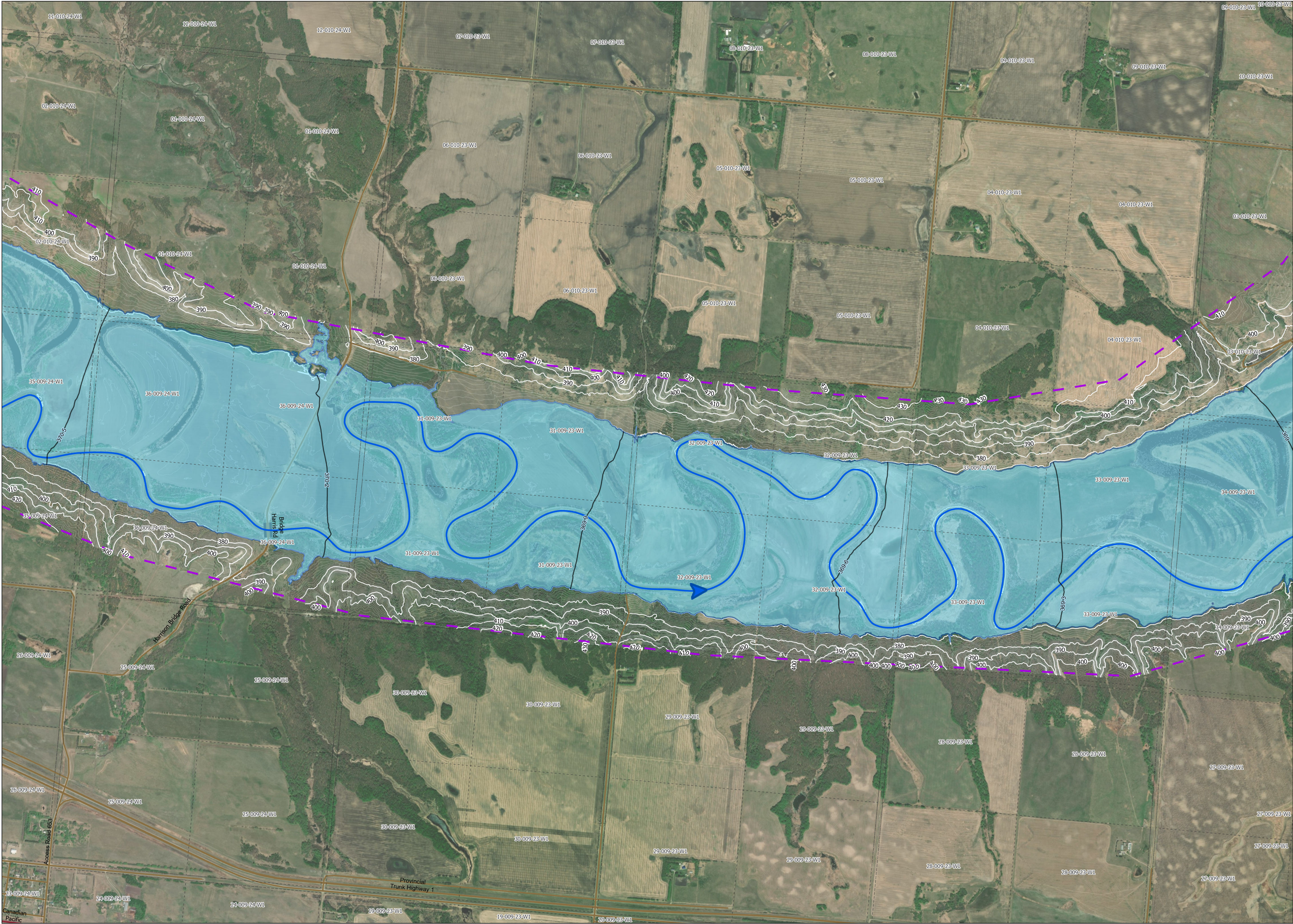




ABOUT THIS FLOOD HAZARD MAP

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BACKGROUND IMAGERY

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FLOOD WATER LEVELS

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DEFINITION

1:200-year (0.5%) water level means the peak water level that has a 0.5% chance of being equaled or exceeded in any given year. Statistically, the 1:200-year water level would be expected to occur once in a 200-year period. The 1:200-year water level should not however be interpreted as the peak water level that will only occur once in a two-hundred year period. That is because the occurrence of a rare flood event does not reduce the chances of another rare flood event occurring within a short period of time. The probability of a 1:200-year water level occurring in any particular year is 0.5%.

LIMITATIONS, RISK AND LIABILITY

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ASSINIBOINE RIVER FLOOD HAZARD MAP

ESTIMATED FLOOD EXTENT FOR THE ASSINIBOINE RIVER 200-YEAR FLOOD

Scale: 1:10,000

Map 24 of 36

Legend

Model Boundary

1:200 Year (0.5%) Flood Extent

Water Surface Elevations

Cadastral Polygons

River Centerline & Direction of Flow

1:200 Year (0.5%) Water Surface Elevations

Bridges

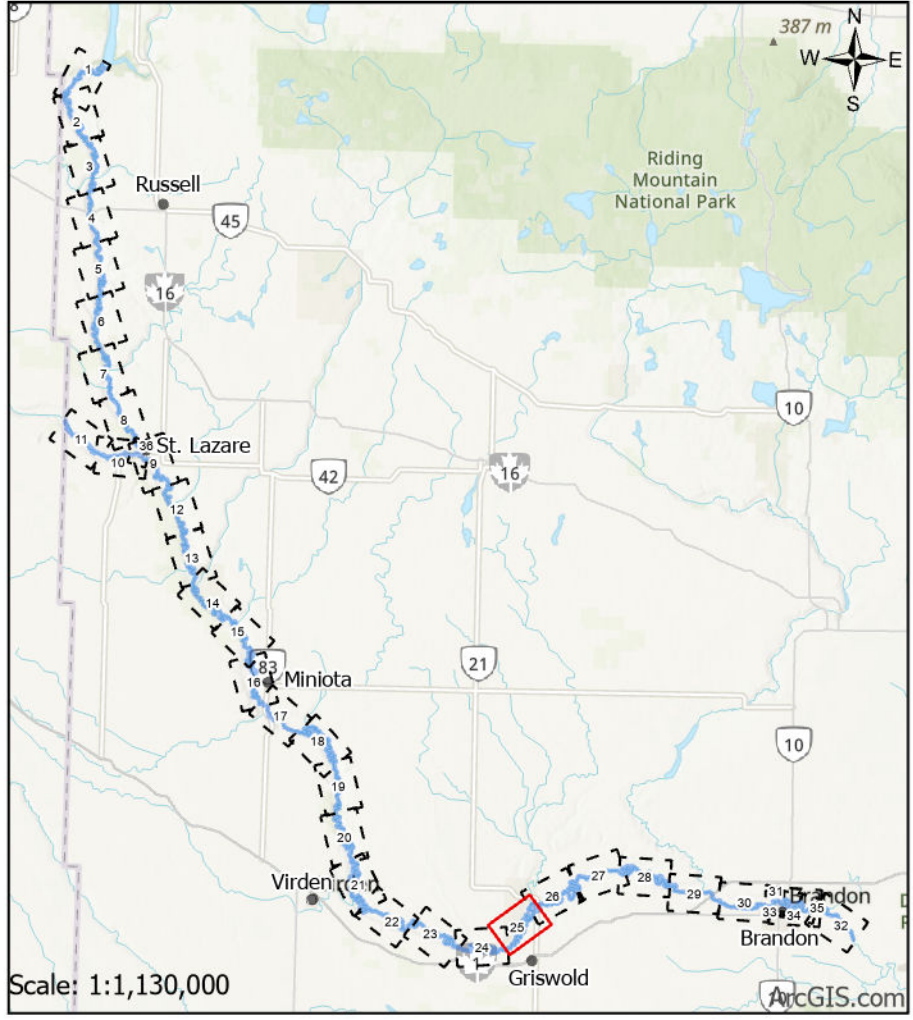
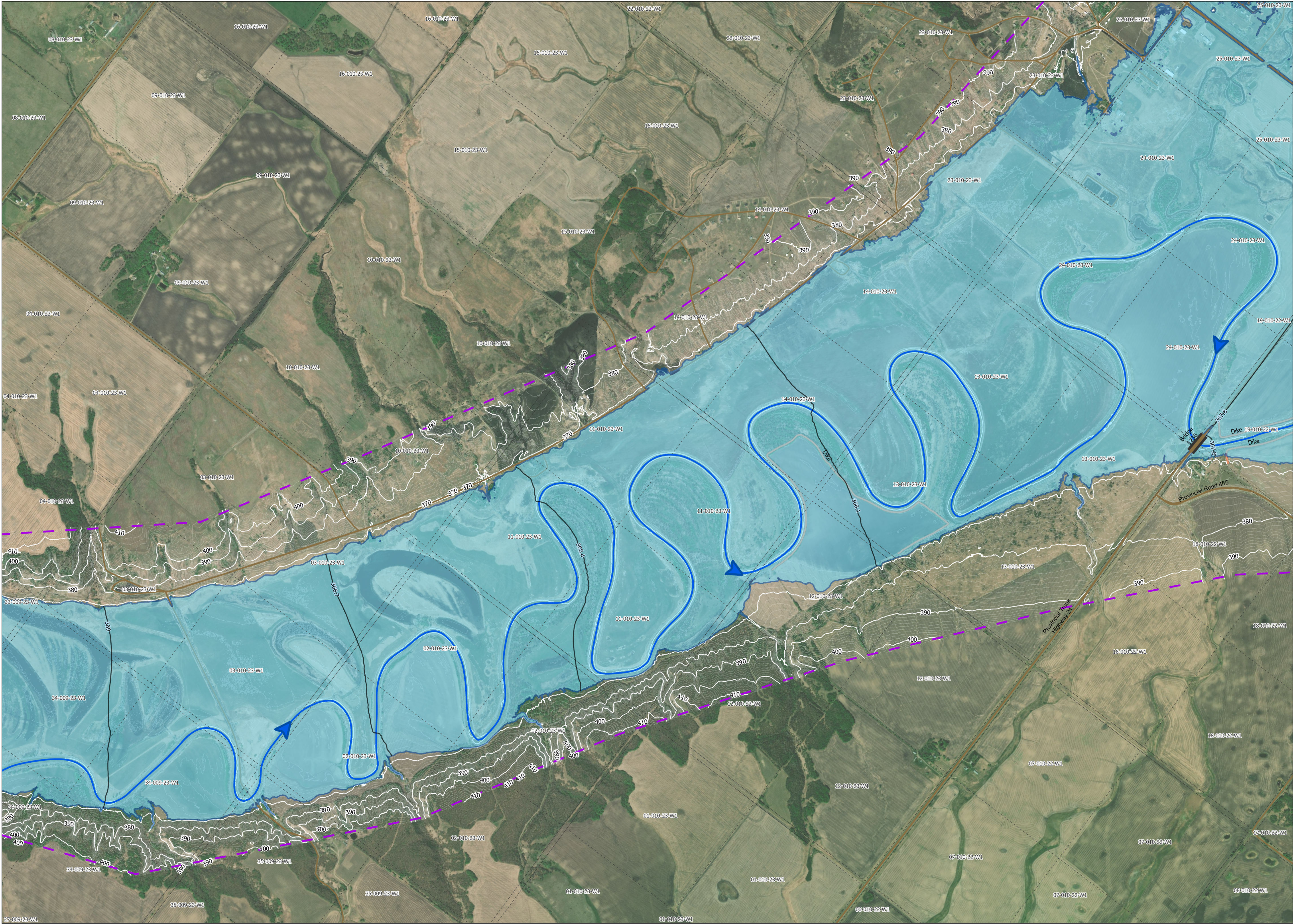
Dikes

Roads

Railways

10 Meters Contours

1 Meter Contours



ABOUT THIS FLOOD HAZARD MAP
This flood hazard map identifies the portions from Shelmouth Dam to City of Brandon at risk of flooding during a 1:200-year (0.5%) open water flood of the Assiniboine River. The map was prepared based on hydrologic analysis and hydraulic modelling undertaken in 2023 and 2024.

TOPOGRAPHIC INFORMATION
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BACKGROUND IMAGERY
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FLOOD WATER LEVELS
Water levels for the 1:200-year (0.5%) flood were determined by a hydraulic study conducted in 2023 and 2024. The study results are documented in the report "Hydrodynamic Modelling and Flood Mapping Study for the Upper Assiniboine River: Shelmouth Dam to Brandon" (AECOM, March 2024). This Report also includes the flood levels for 1:20-year (5%), 1:50-year (2%), 1:100-year (1%), 1:200-year (0.5%), 1:300-year (0.33%) and 1:500-year (0.2%) floods. A copy of the report will be available to the public.

DEFINITION
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LIMITATIONS, RISK AND LIABILITY
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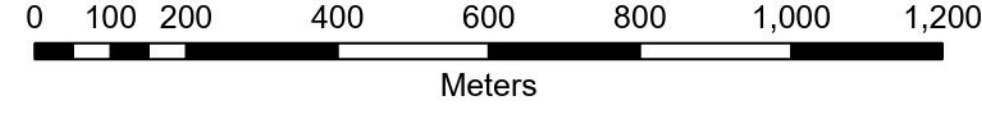
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Coordinate System: NAD 1983 UTM Zone 14N
Vertical Datum: CGVD 1928

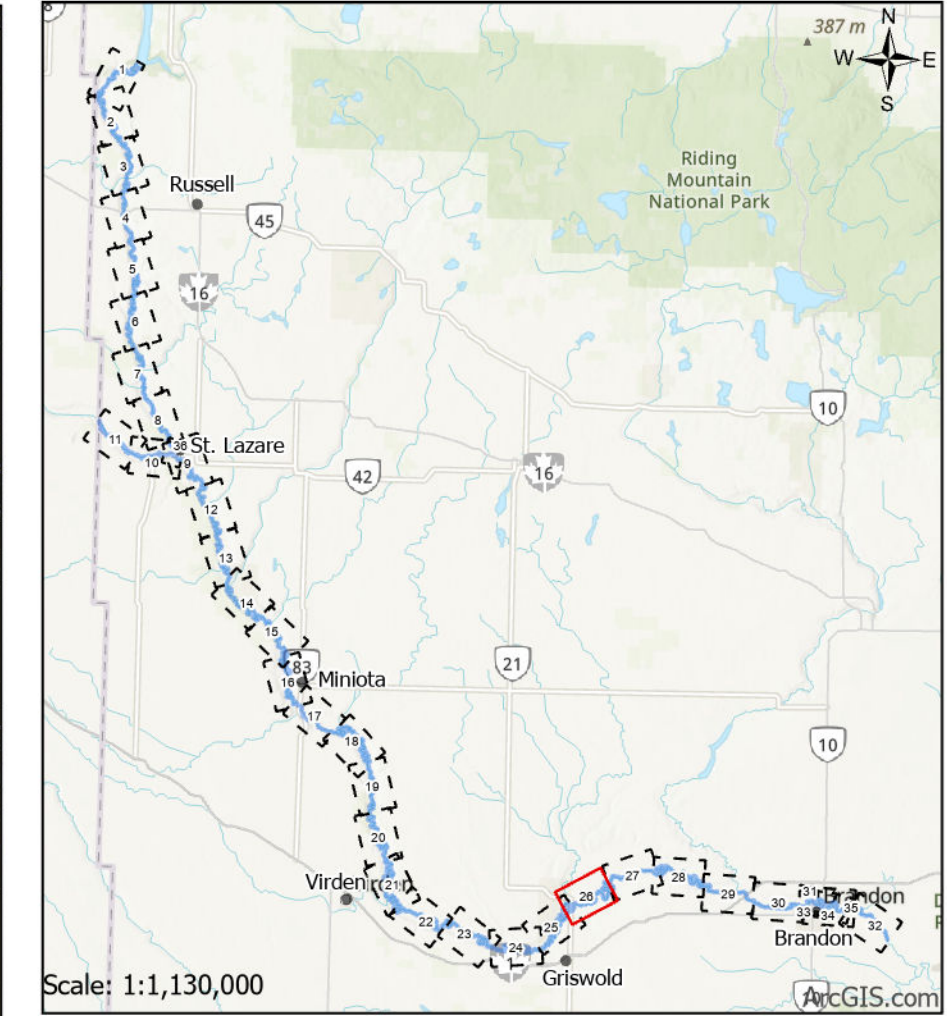
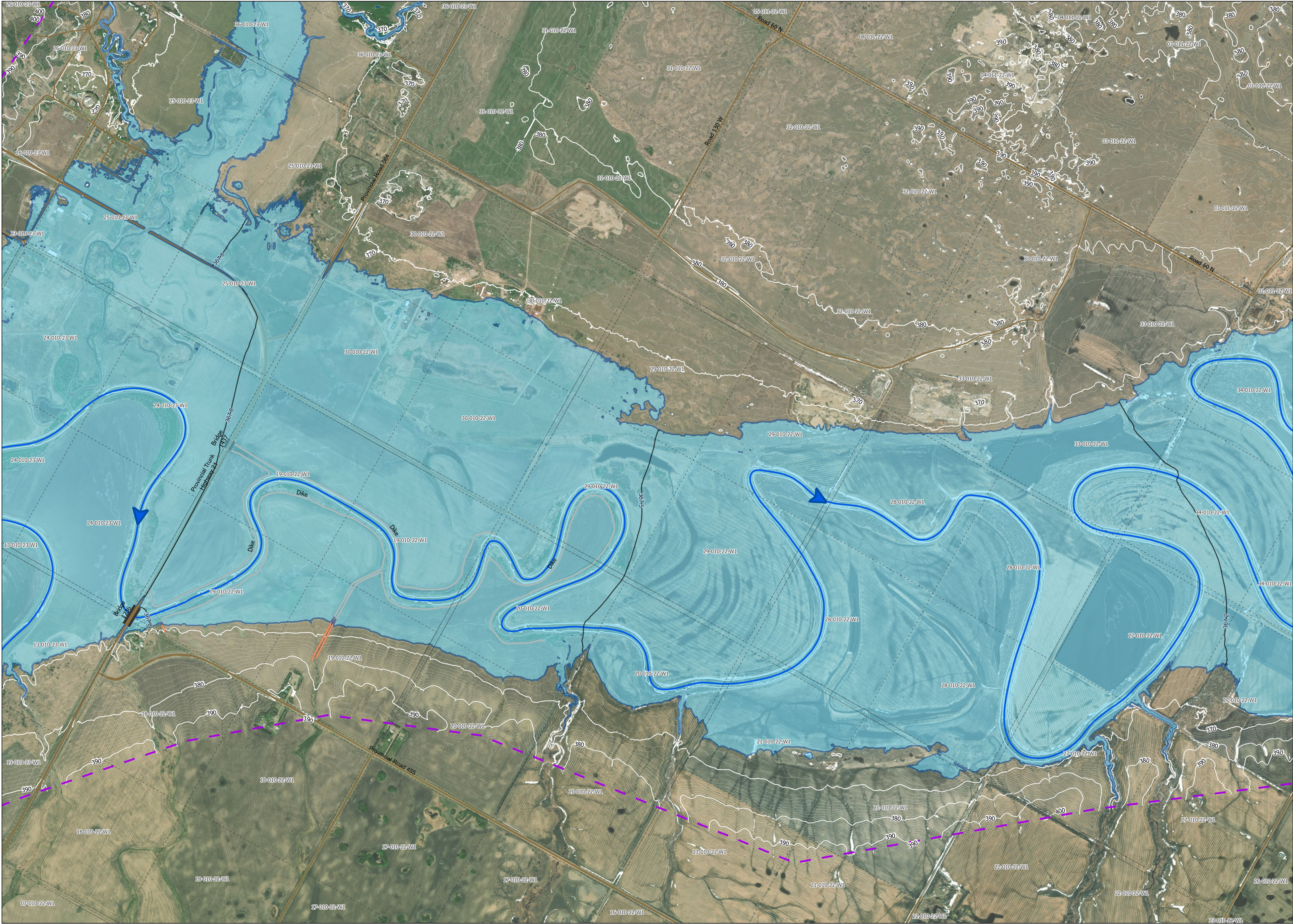
ASSINIBOINE RIVER FLOOD HAZARD MAP

ESTIMATED FLOOD EXTENT FOR THE ASSINIBOINE RIVER 200-YEAR FLOOD

Scale: 1:10,000

Legend

- Model Boundary
- 1:200 Year (0.5%) Flood Extent
- Water Surface Elevations
- Cadastral Polygons
- River Centerline & Direction of Flow
- 1:200 Year (0.5%)
- 10 Meters Contours
- 1 Meter Contours
- Dikes
- Roads
- Railways
- Bridges



ABOUT THIS FLOOD HAZARD MAP

This flood hazard map identifies the portions from Shellmouth Dam to City of Brandon at risk of flooding during a 1:200-year (0.5%) open water flood of the Assiniboine River. The map was prepared based on hydrologic analysis and hydraulic modelling undertaken in 2023 and 2024.

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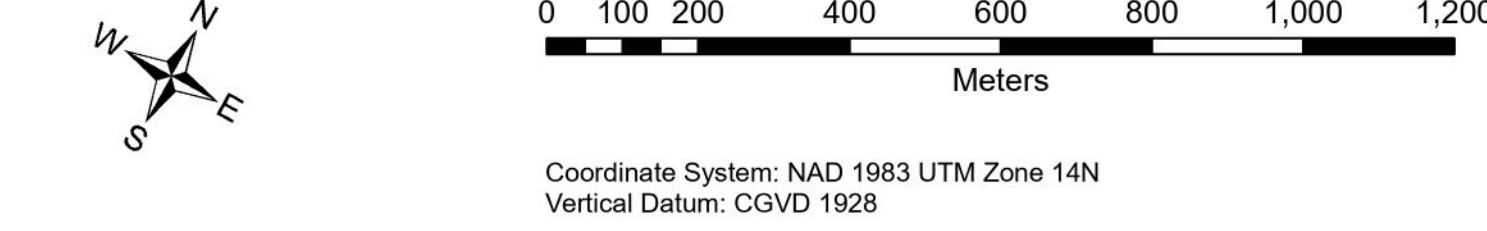
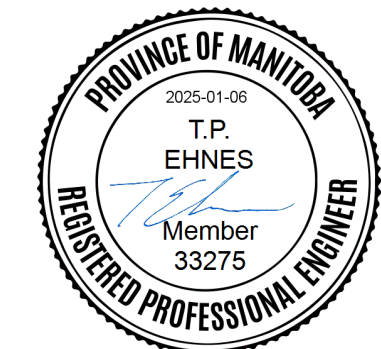
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ASSINIBOINE RIVER FLOOD HAZARD MAP

ESTIMATED FLOOD EXTENT FOR THE ASSINIBOINE RIVER 200-YEAR FLOOD

Scale: 1:10,000

Map 26 of 36

Model Boundary

River Centerline & Direction of Flow

1:200 Year (0.5%) Flood Extent

Cadastral Polygons

1:200 Year (0.5%) Water Surface Elevations

Bridges

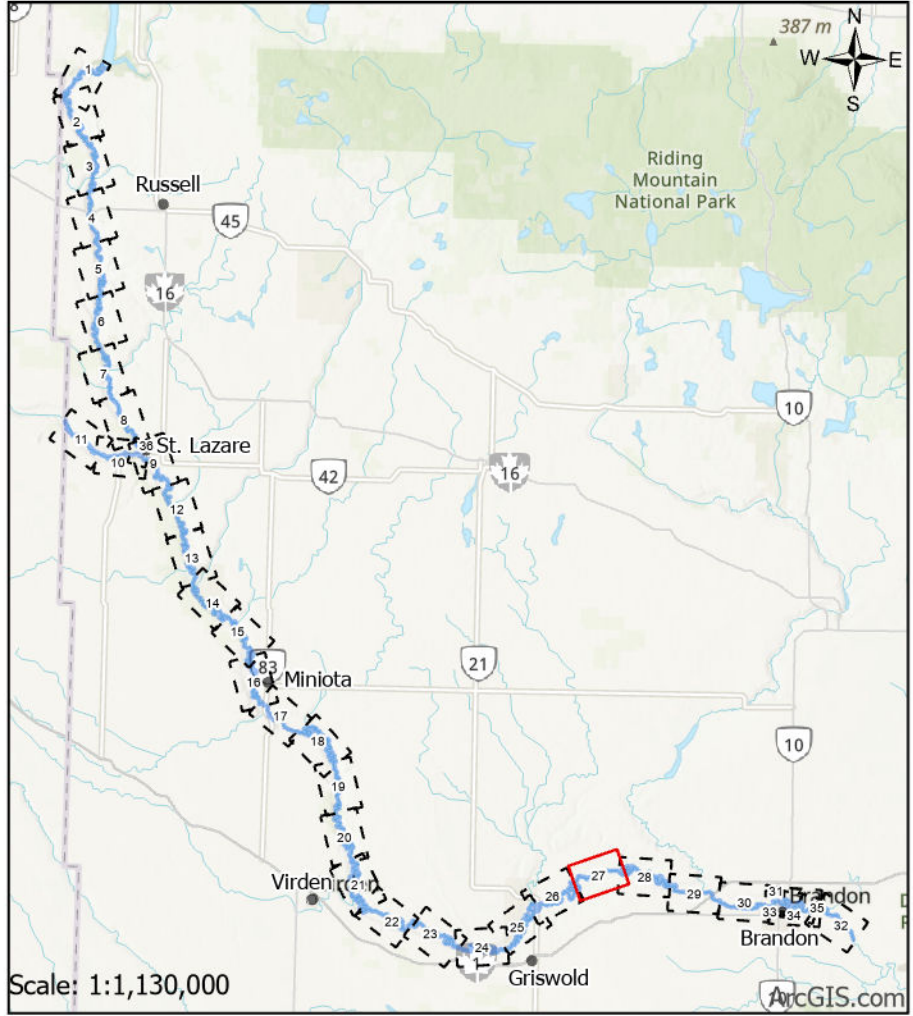
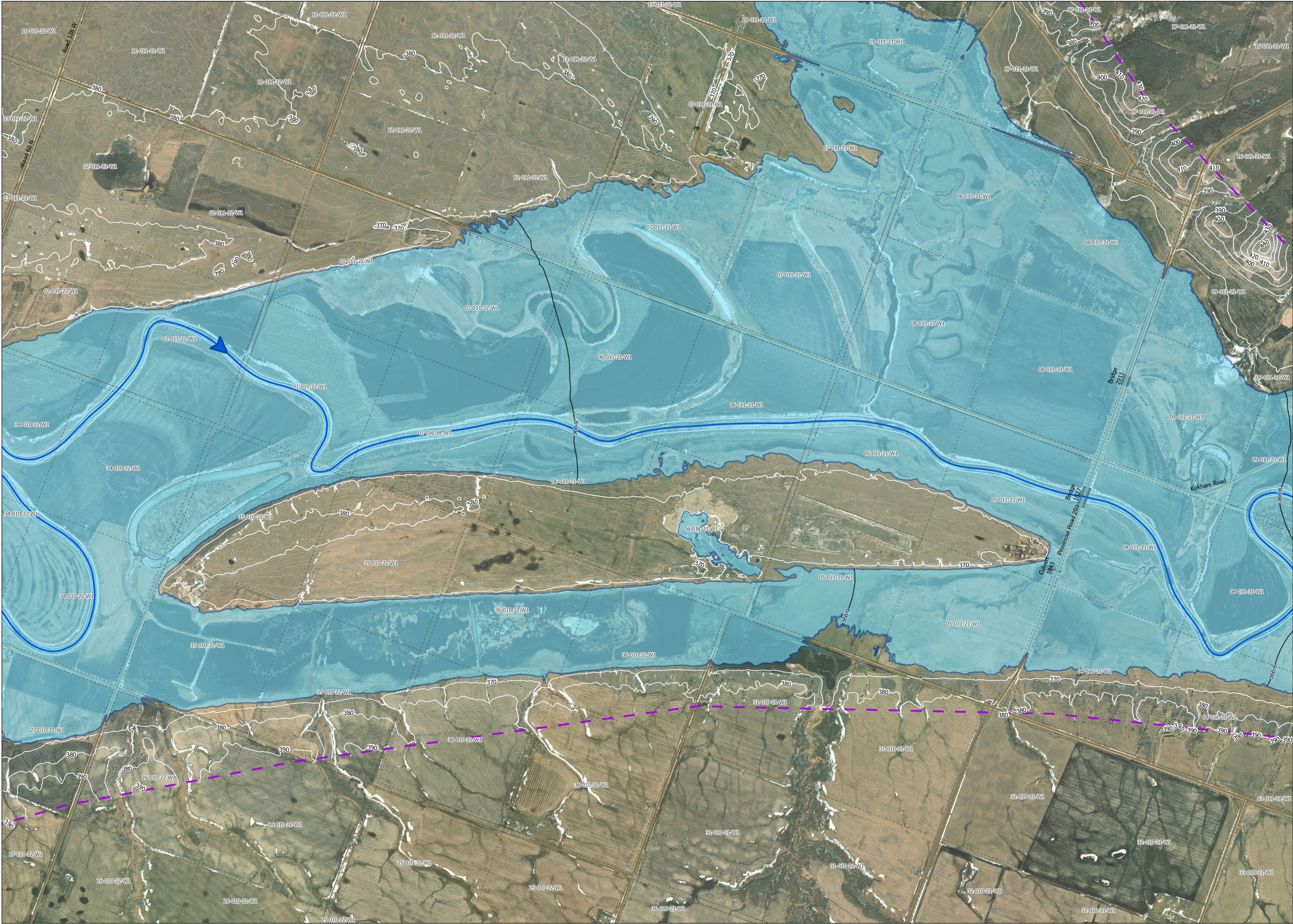
Dikes

Roads

Railways

10 Meters Contours

1 Meter Contours



ABOUT THIS FLOOD HAZARD MAP

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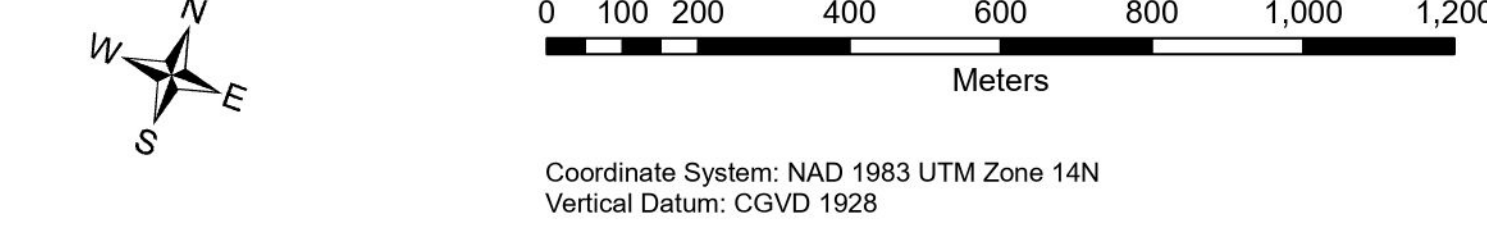
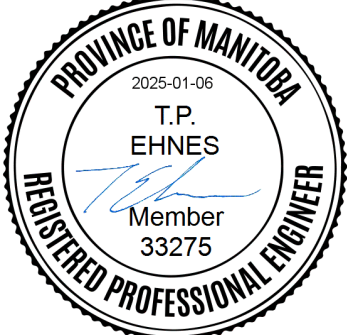
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Scale: 1:10,000
Map 27 of 36

