

APPENDIX B

Mapbook of Parkland County Drainage System



Parkland County's storm drainage system is shown in a series of 124 maps ("mapbook") at a 1:20,000 scale (when printed to 11x17). The detailed maps include the following information:

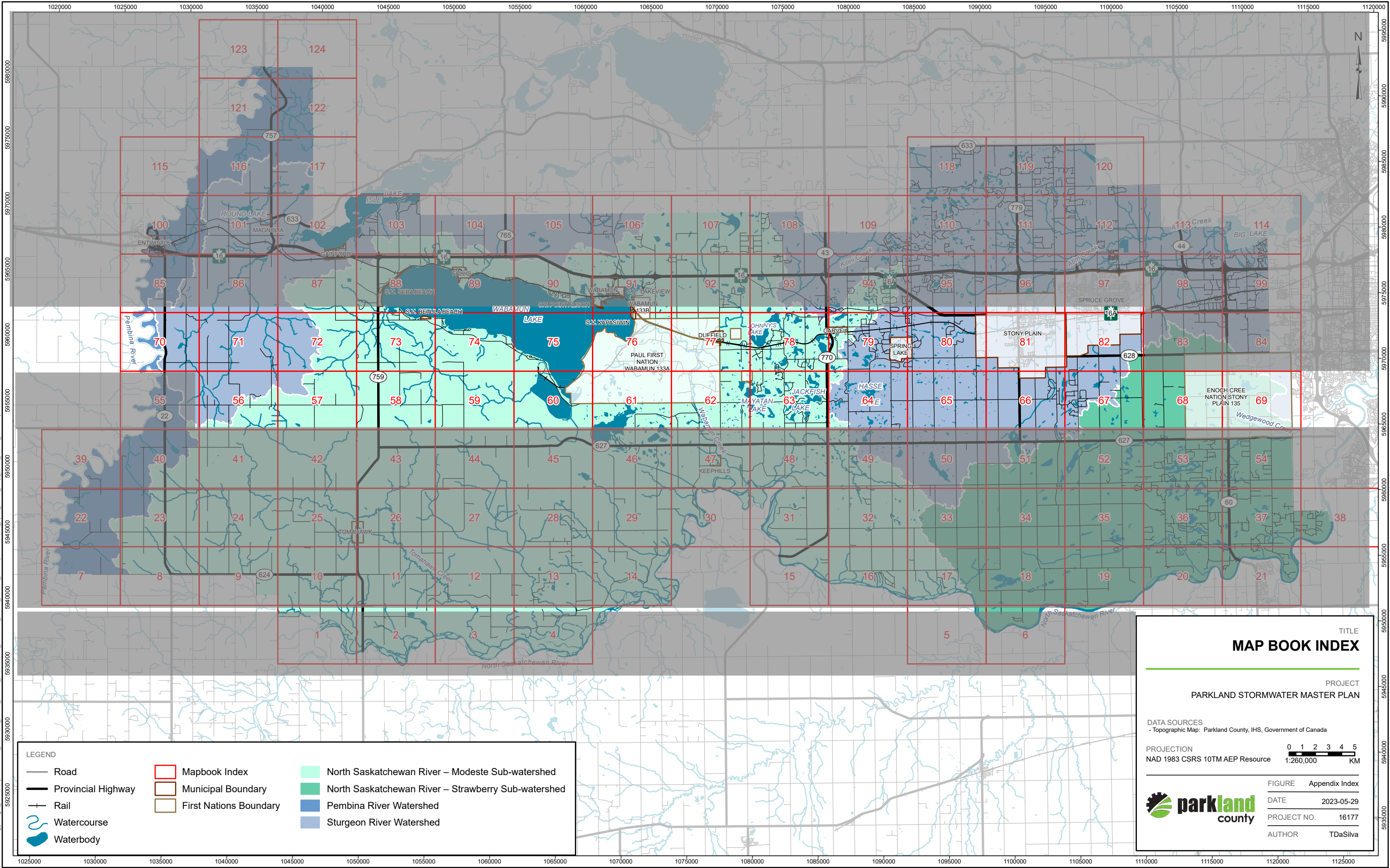
- Photobase
- Contour lines (5m)
- Rivers, lakes, creeks and other waterbodies – from the provincial GIS database
- Storm sewers / gravity mains and stormwater forcemains
- Stormwater lift stations
- Culverts
- Bridges / bridge sized culverts
- Stormwater management facilities
- Licensed drainage ditches
- Special structures (e.g., weirs)
- Modeled drainage path – anticipated flow direction based on LiDAR data

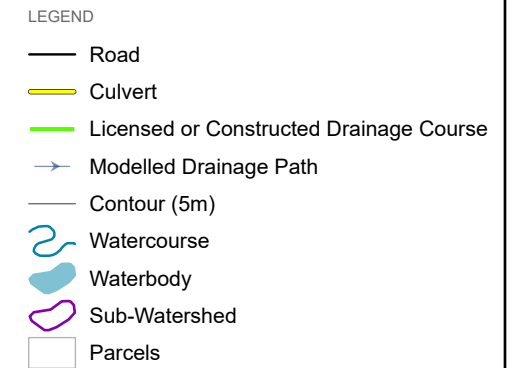
These mapbooks were developed by ISL Engineering and Land Services using Parkland County GIS data obtained in 2022 and 2023. The GIS is set up to allow Parkland County to update the mapbooks as new GIS data becomes available, and/or to show different GIS attributes.

This appendix includes a key plan followed by the full 124 page mapbook.



Document: \\gis\2\gis_data\Projects\16177_Parkland_Storm_Master_Plan\16177_Parkland_Storm_Master_Plan.aprx - 16177.aprx_index_Map_Book_11x17_Landscape



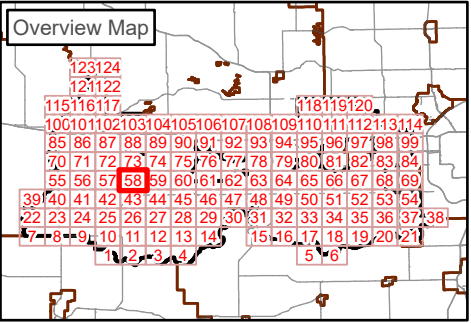
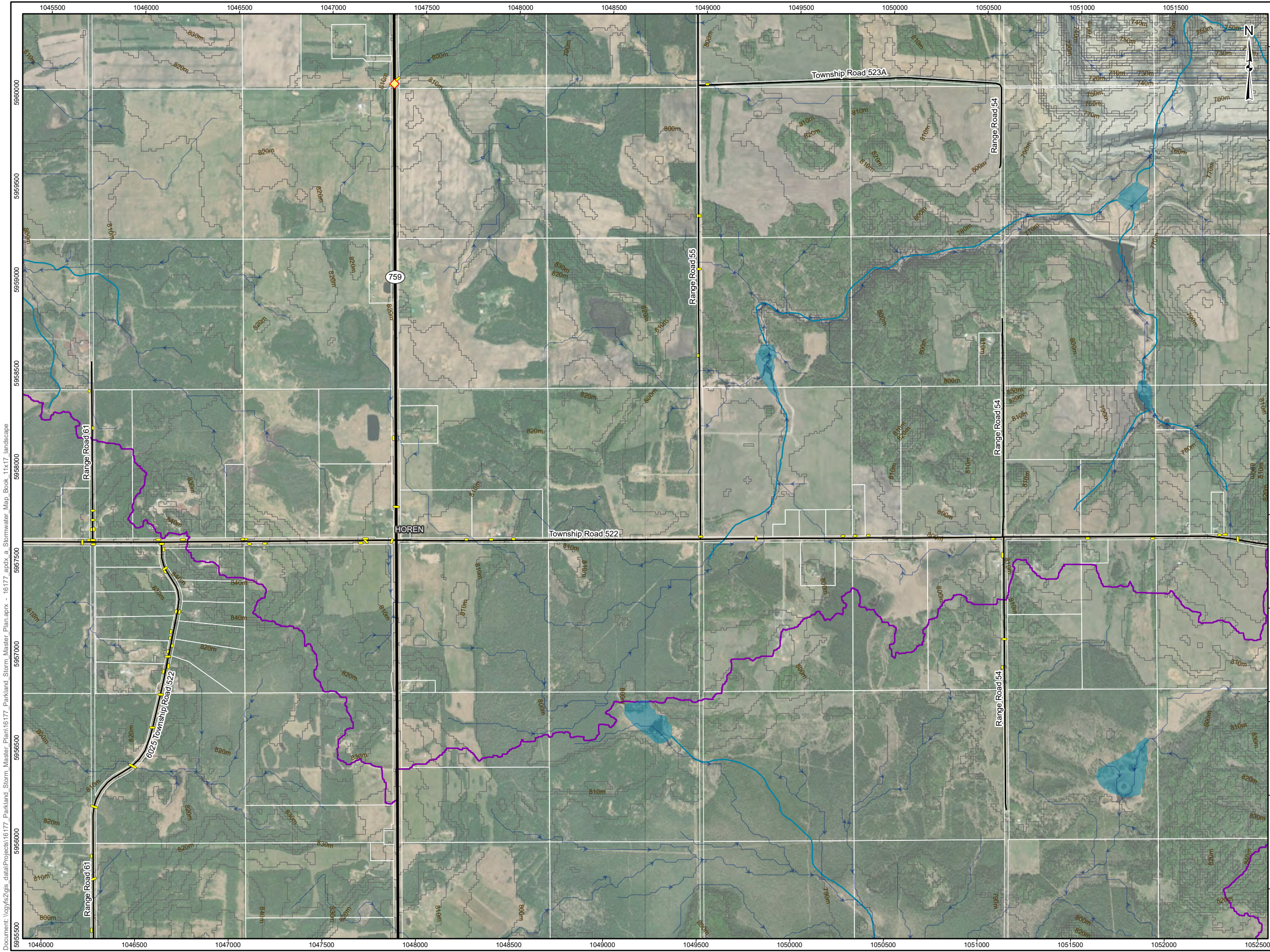


PROJECT
PARKLAND STORMWATER MASTER PLAN

DATA SOURCES
- Topographic Map: Earthstar Geographics, IHS, Government of Canada

FIGURE	56 of 124
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PROJECT NO.	16177
AUTHOR	TDaSilva





LEGEND

- Bridge
- Road
- Provincial Highway
- Culvert
- Modelled Drainage Path
- Contour (5m)
- Watercourse
- Waterbody
- Sub-Watershed
- Parcels

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NOTES
- Existing stormwater management facility GIS data is known to contain some future planned stormwater management facility data.

DATA SOURCES
- Topographic Map: Earthstar Geographics, IHS, Government of Canada

PROJECTION
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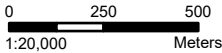
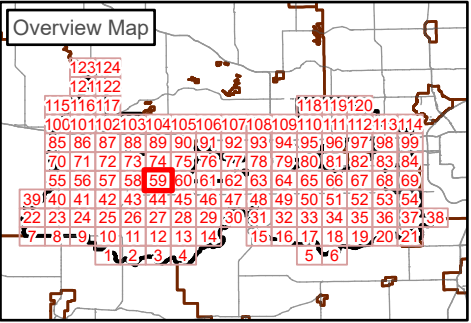
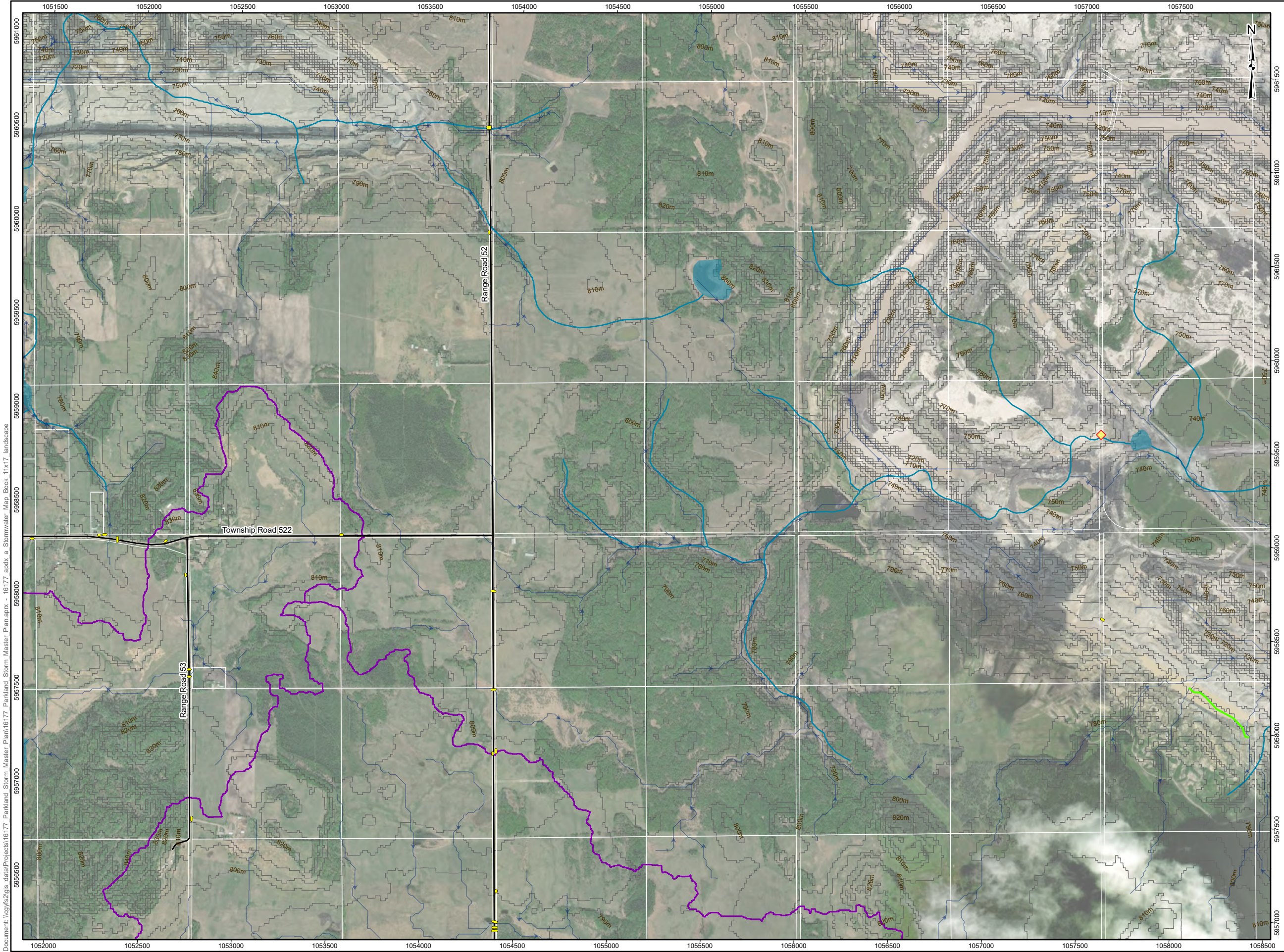


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LEGEND

- Bridge
- Road
- Culvert
- Licensed or Constructed Drainage Course
- Modelled Drainage Path
- Contour (5m)
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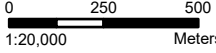
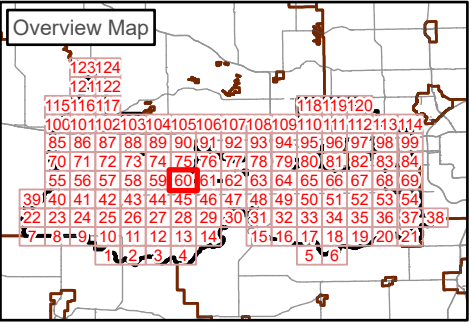
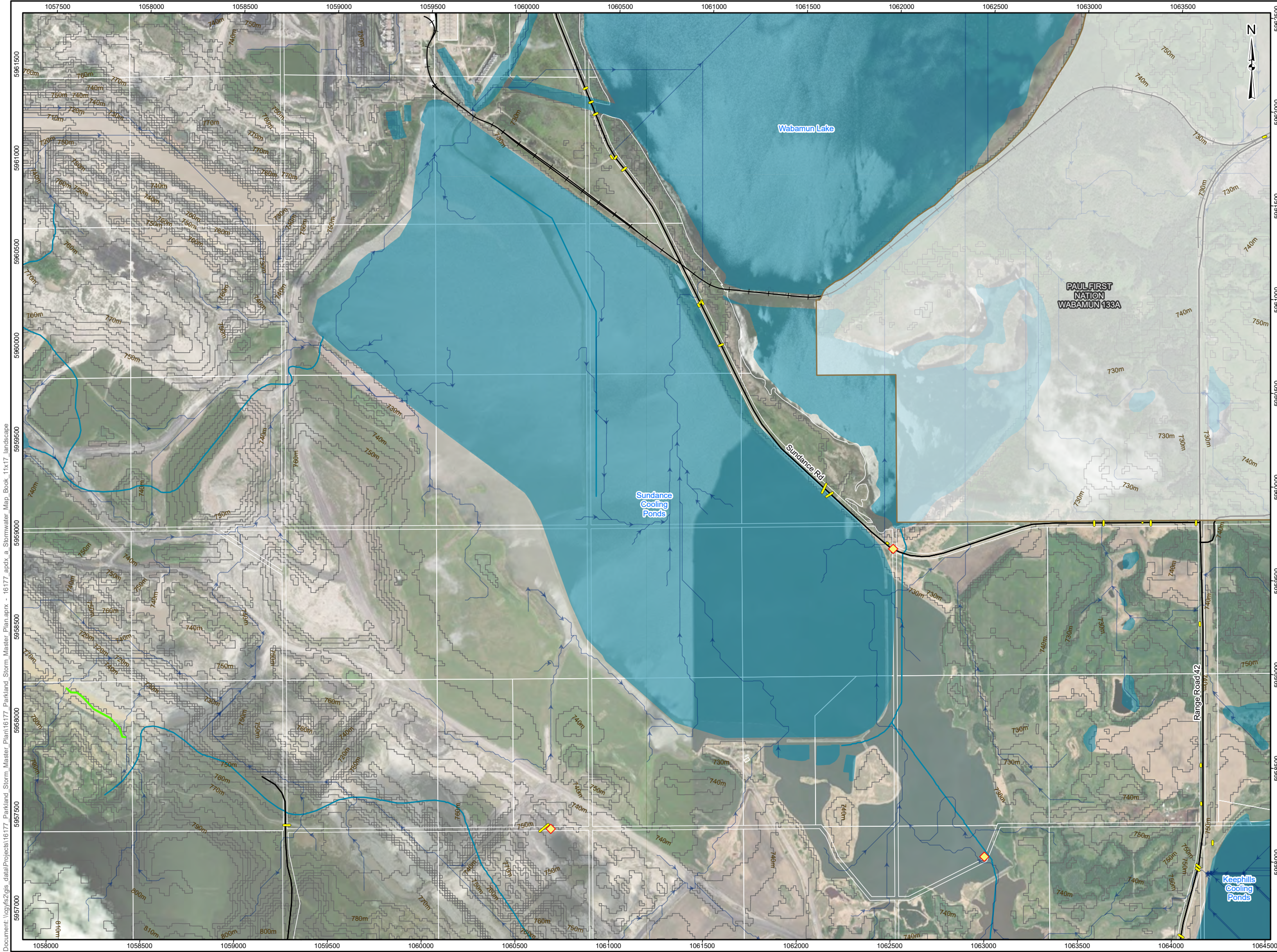


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- LEGEND
- Bridge
 - Road
 - Rail
 - Culvert
 - Licensed or Constructed Drainage Course
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 - Contour (5m)
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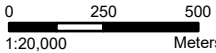
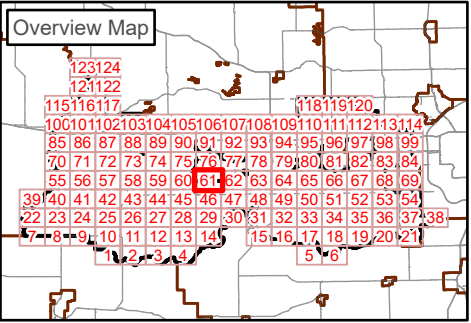


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LEGEND

- Road
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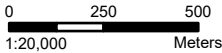
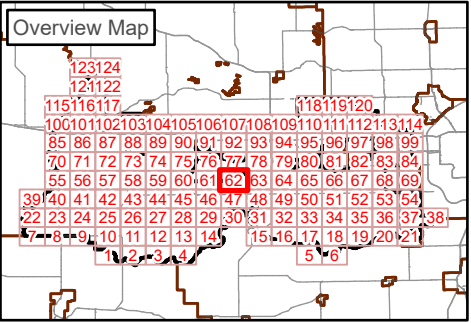
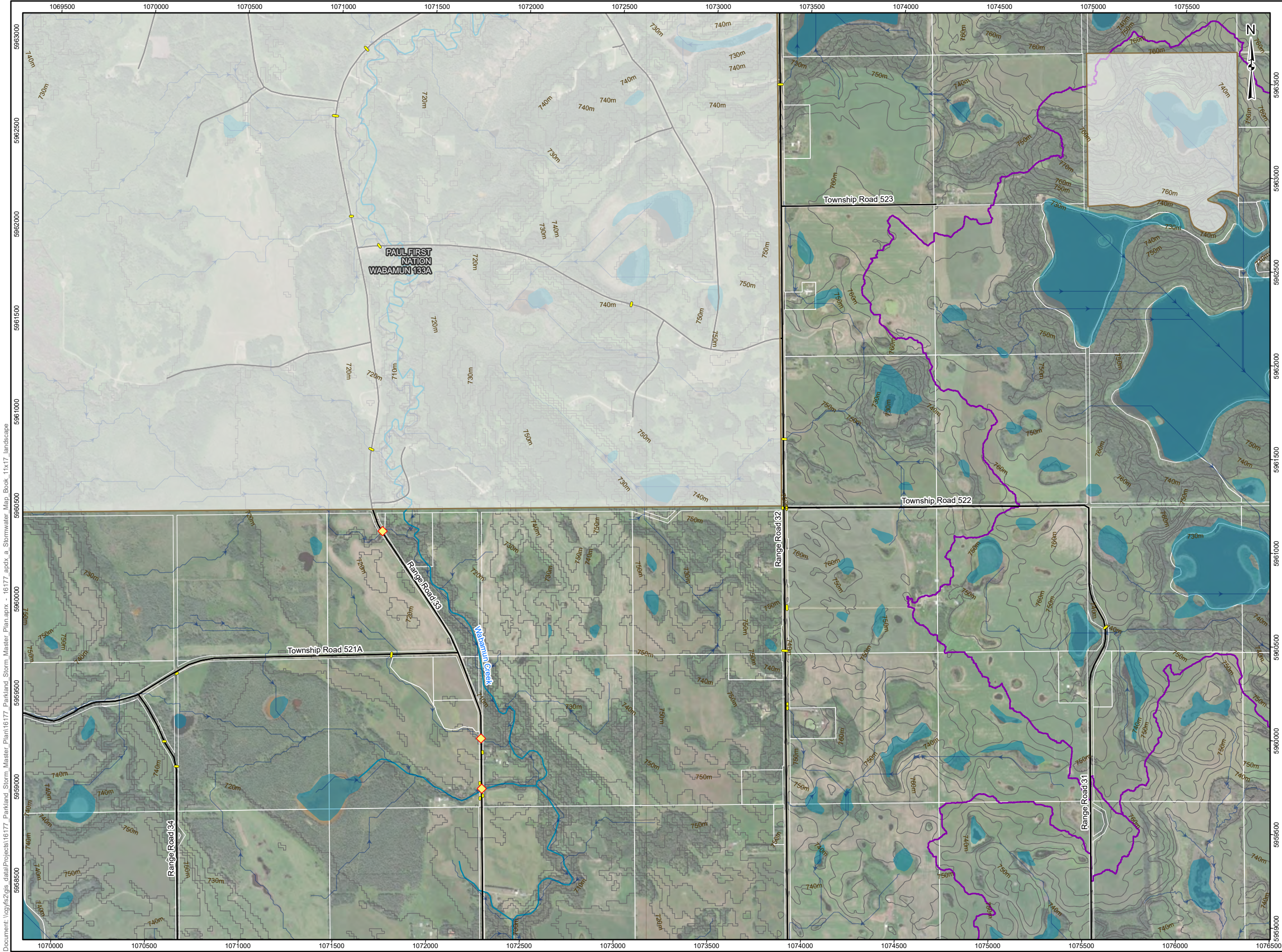


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LEGEND

- Bridge
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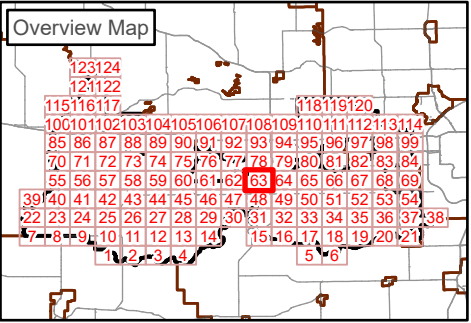
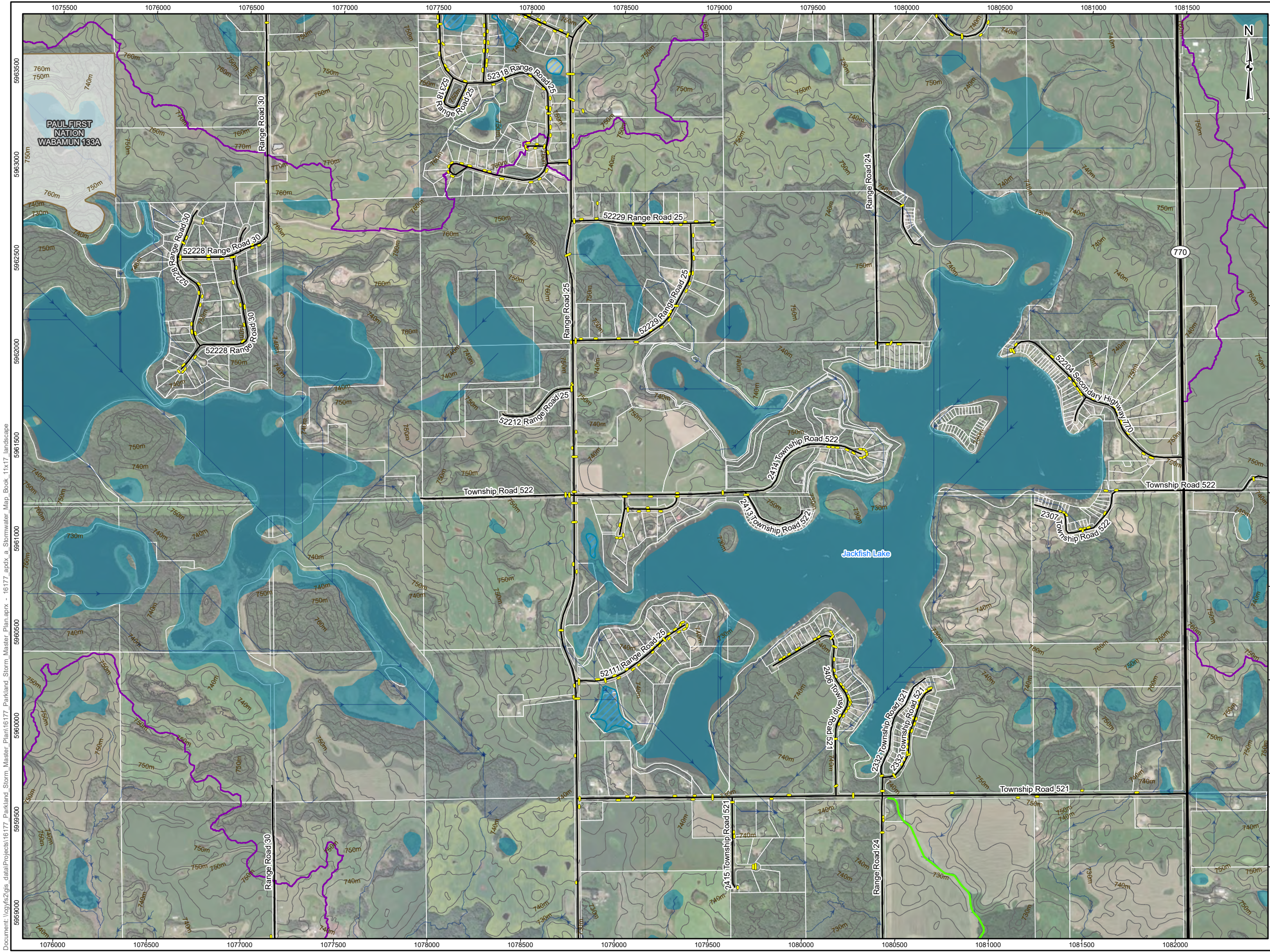
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PROJECTION
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0 250 500
1:20,000 Meters



LEGEND

- Road
- Provincial Highway
- Culvert
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- Contour (5m)
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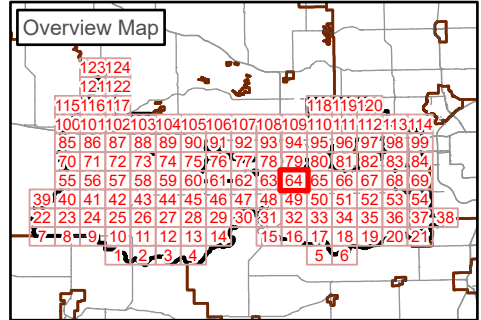
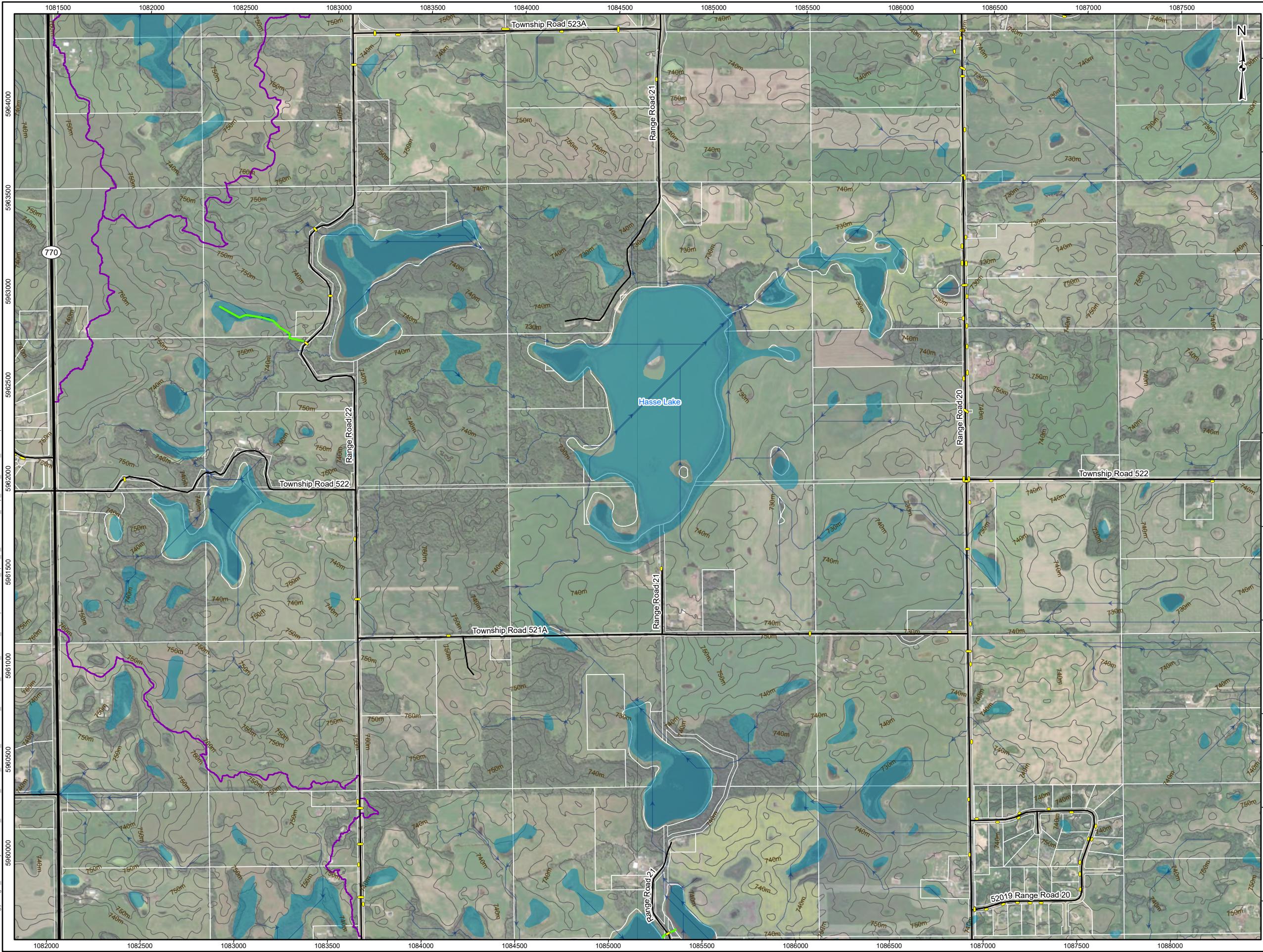
PROJECTION
NAD 1983 CSRS 10TM AEP Resource

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- LEGEND
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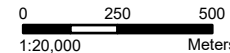
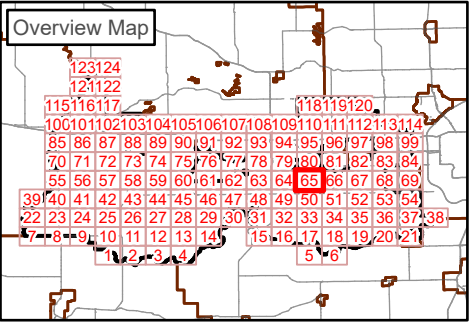
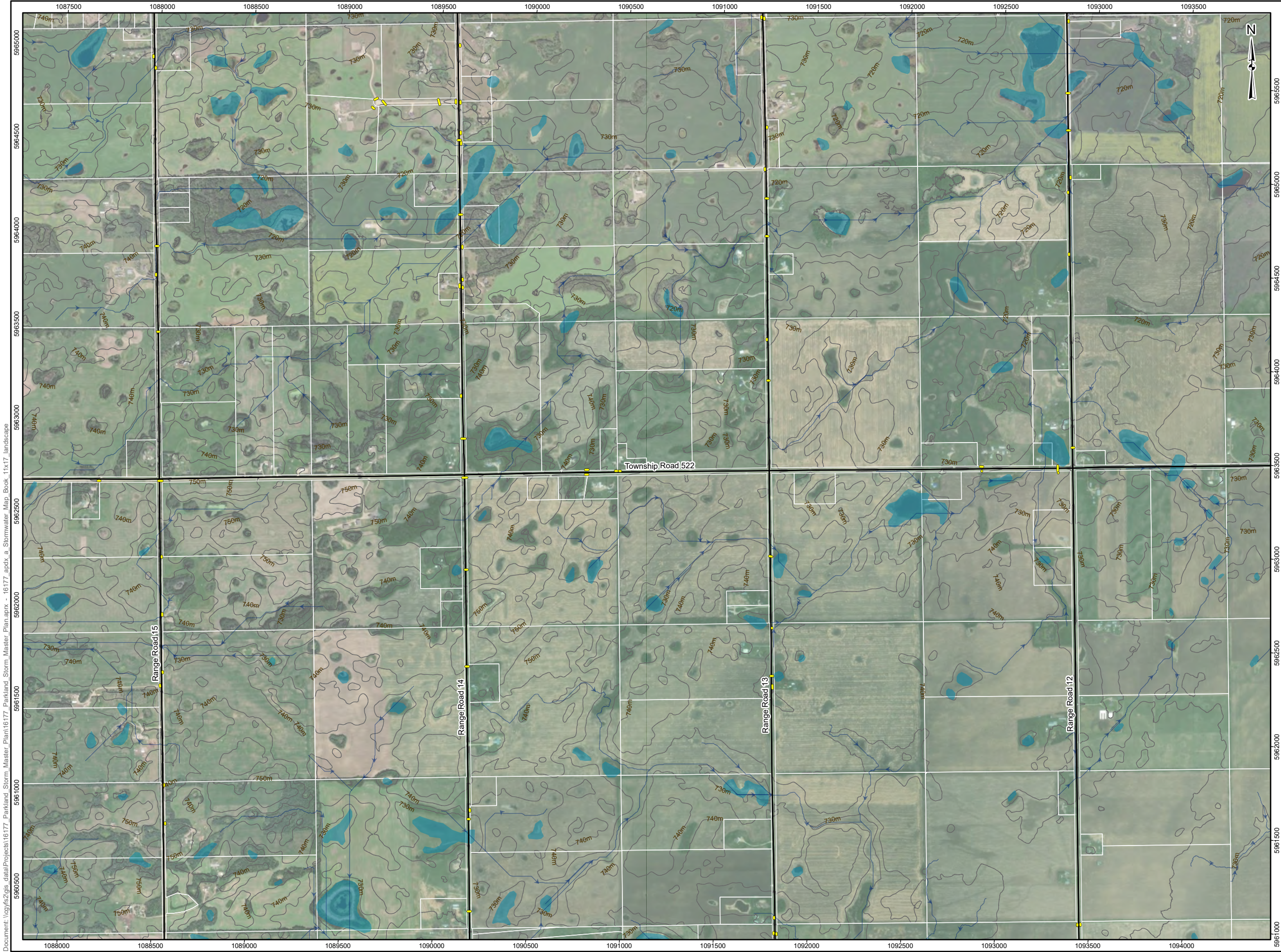


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LEGEND

- Road
- Culvert
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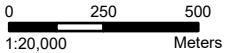
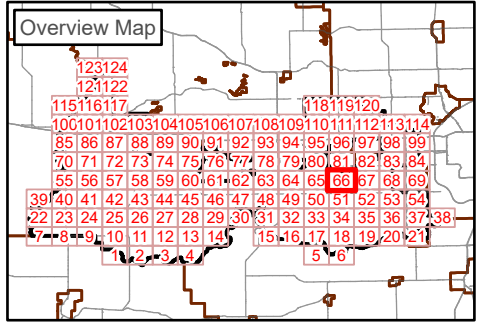


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LEGEND

- Wier
- Bridge
- Road
- Provincial Highway
- Culvert
- Stormwater Gravity Main
- Licensed or Constructed Drainage Course
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- Contour (5m)
- Watercourse
- Waterbody
- Existing Stormwater Management Facility
- Sub-Watershed
- Municipal Boundary
- Parcels

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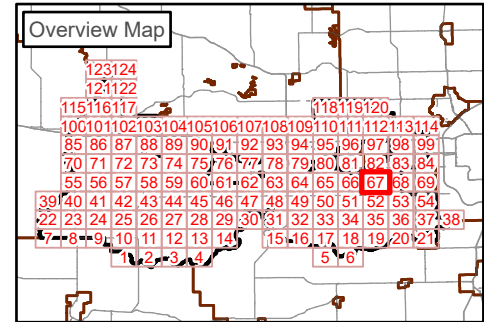
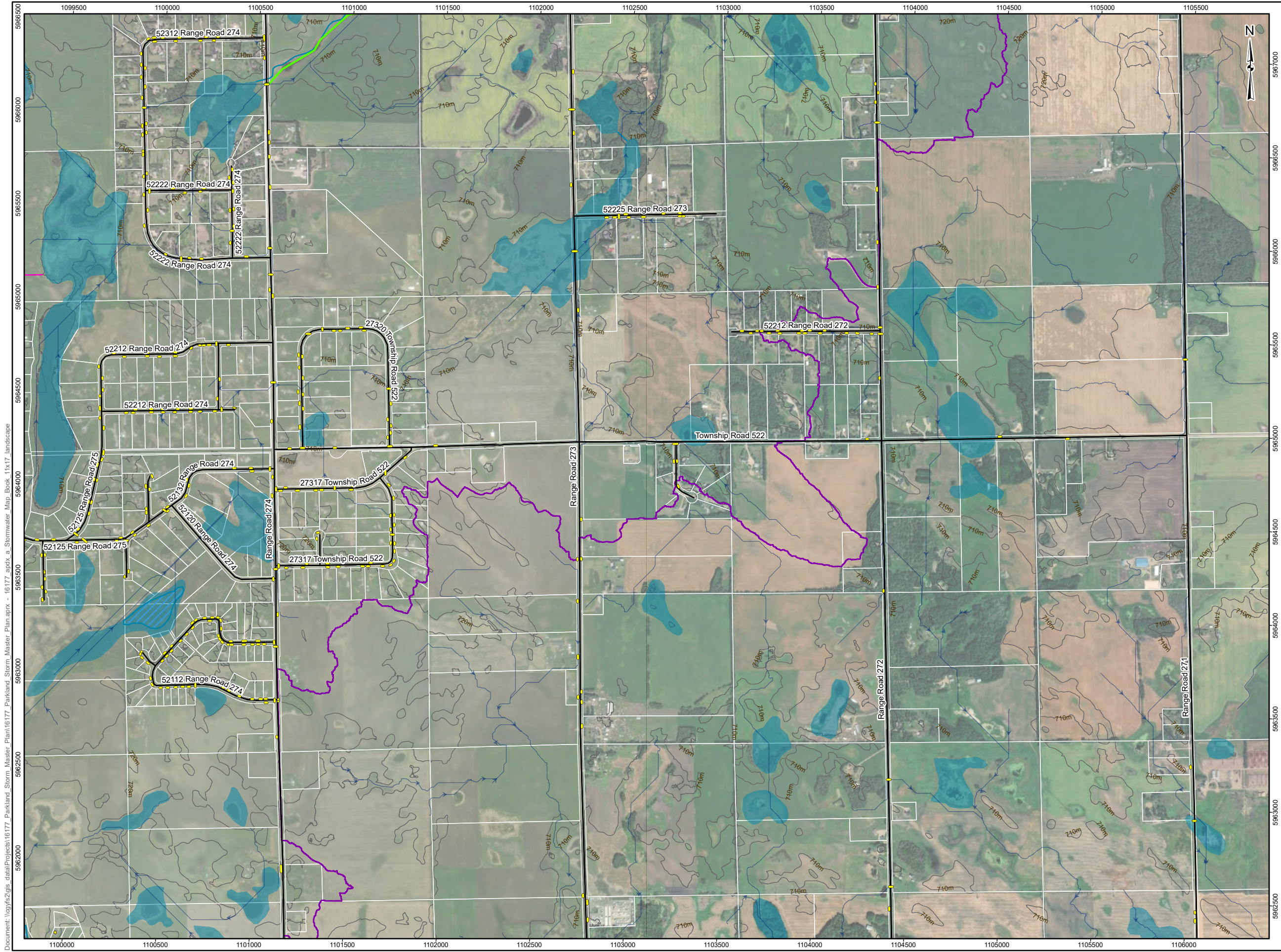
DATA SOURCES
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0 250 500
1:20,000 Meters



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- LEGEND
- Road
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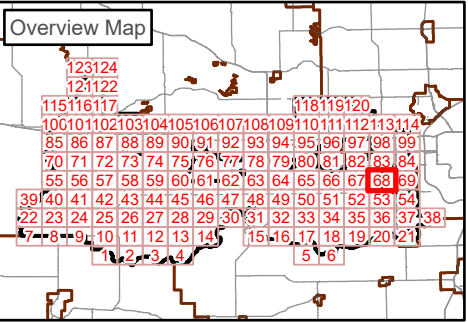
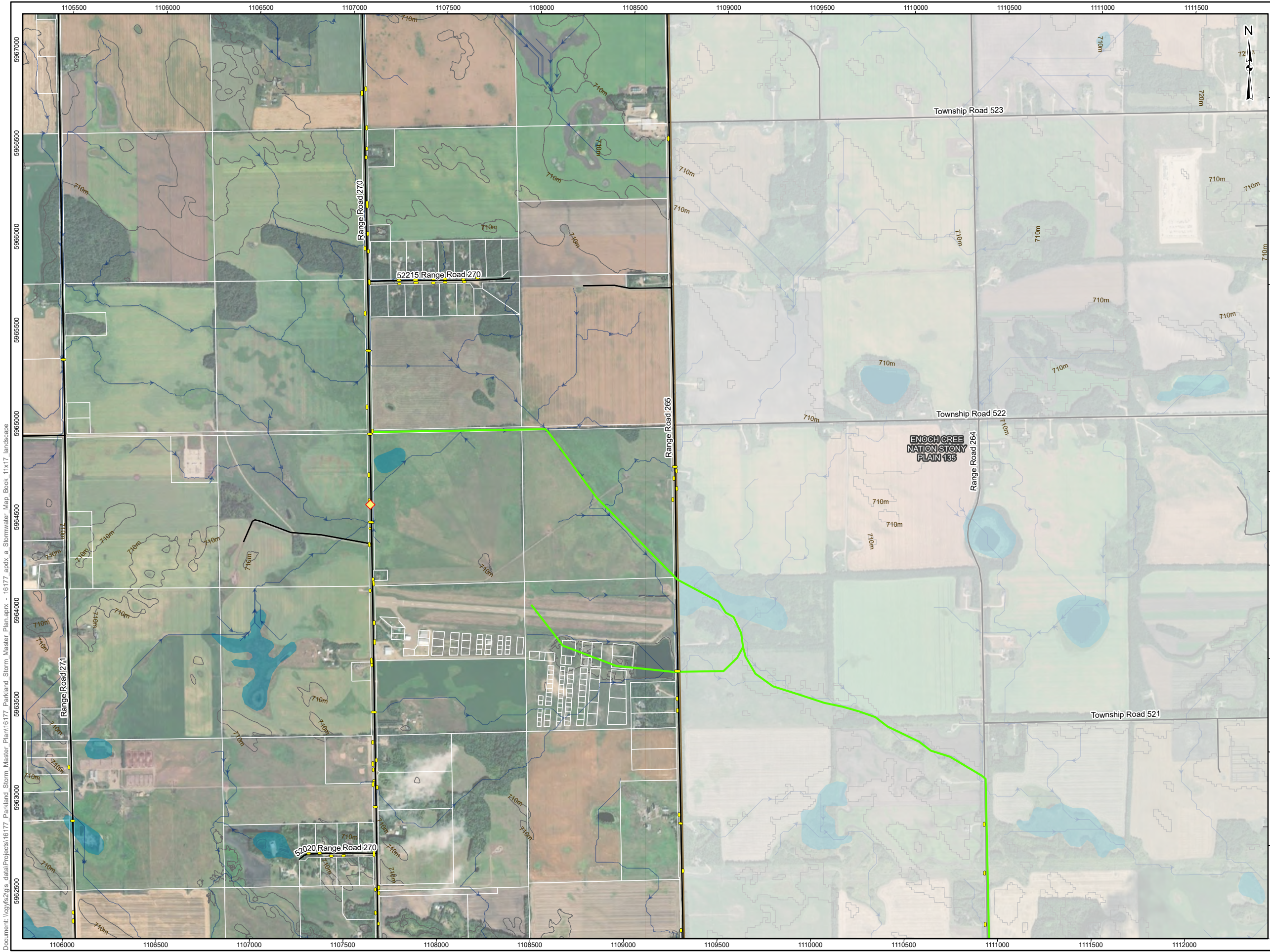
PROJECTION

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- LEGEND
- Bridge
 - Road
 - Culvert
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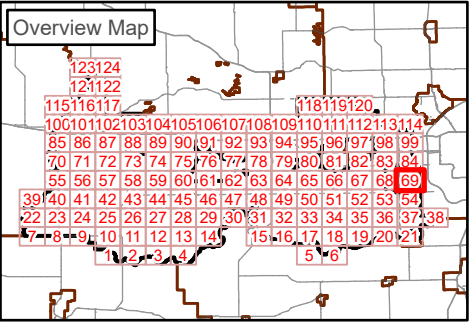
DATA SOURCES
- Topographic Map: Earthstar Geographics, IHS, Government of Canada

PROJECTION
NAD 1983 CSRS 10TM AEP Resource

0 250 500
1:20,000 Meters



FIGURE	68 of 124
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LEGEND

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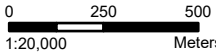
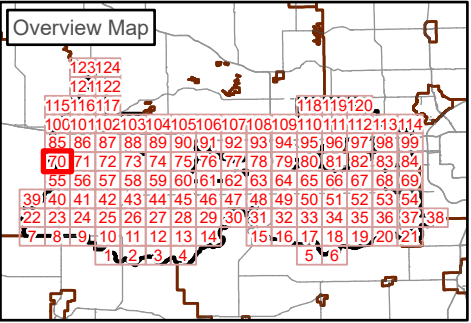
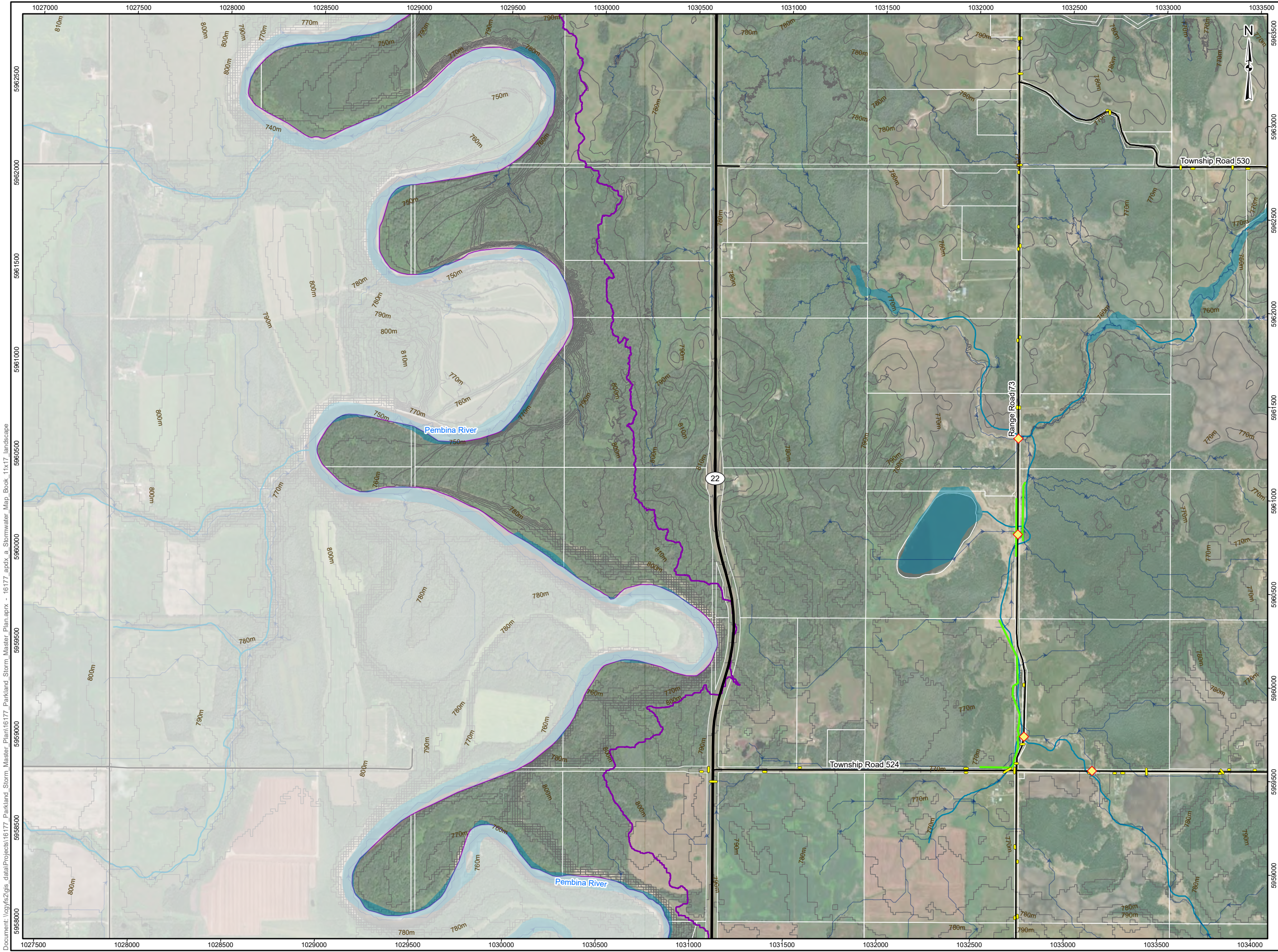


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LEGEND

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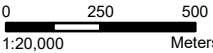
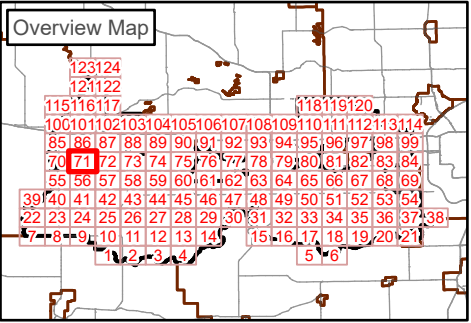


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LEGEND

- Bridge
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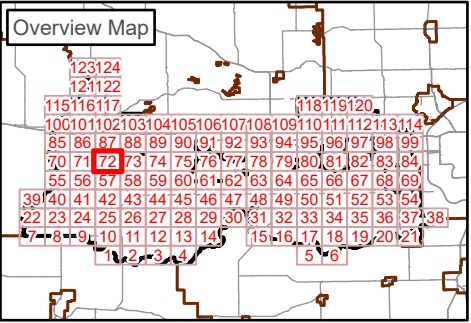
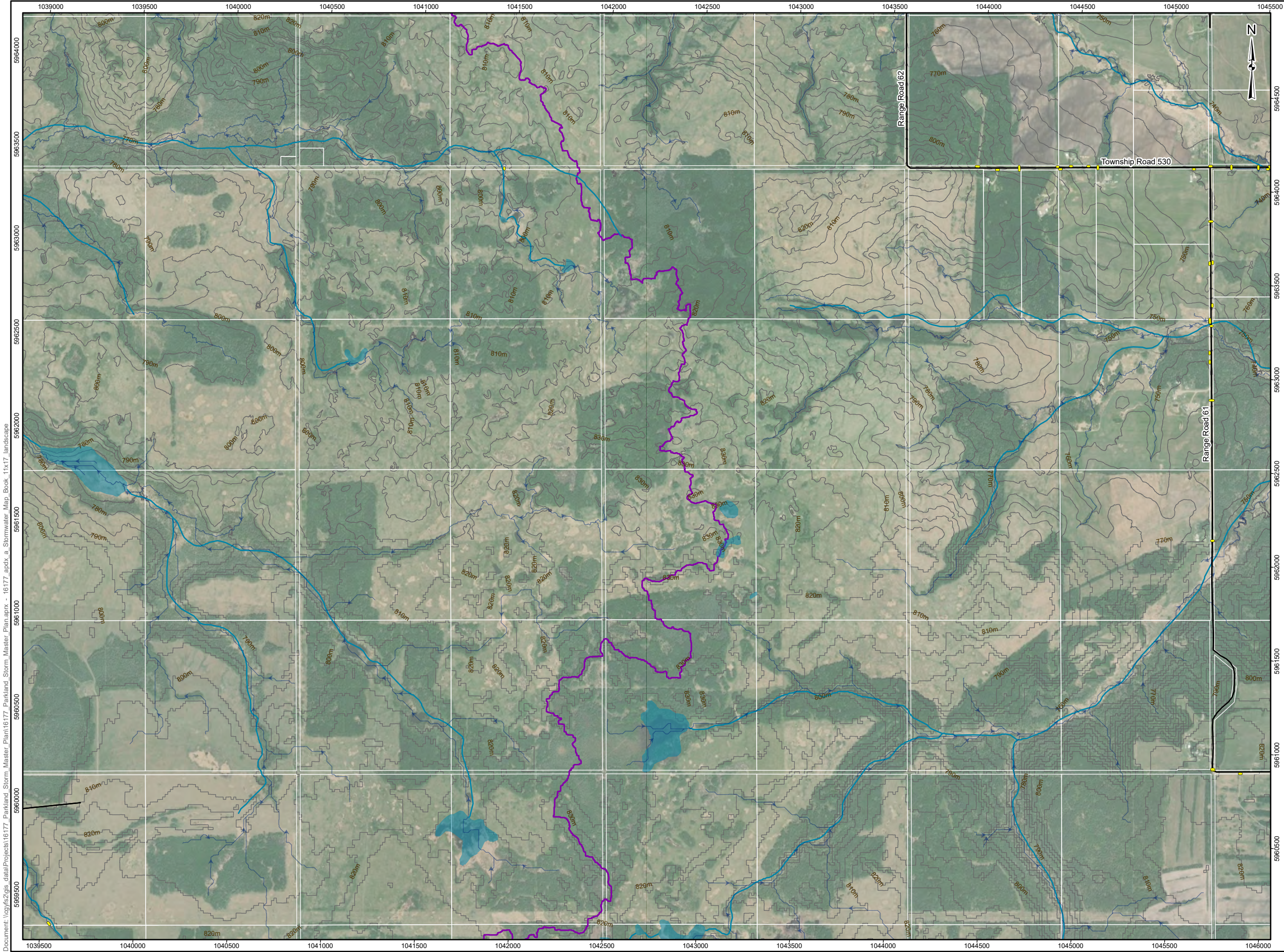
DATA SOURCES
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PROJECTION
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0 250 500
1:20,000 Meters



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DATE 2023-05-25
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LEGEND

- Road
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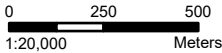
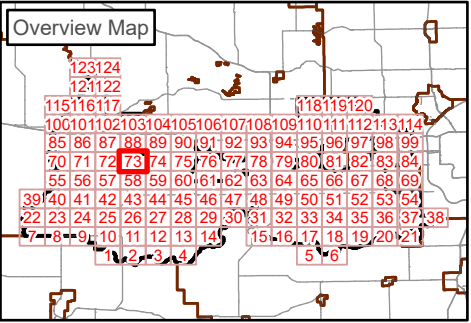


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LEGEND

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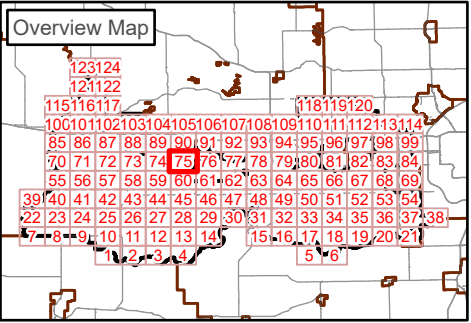
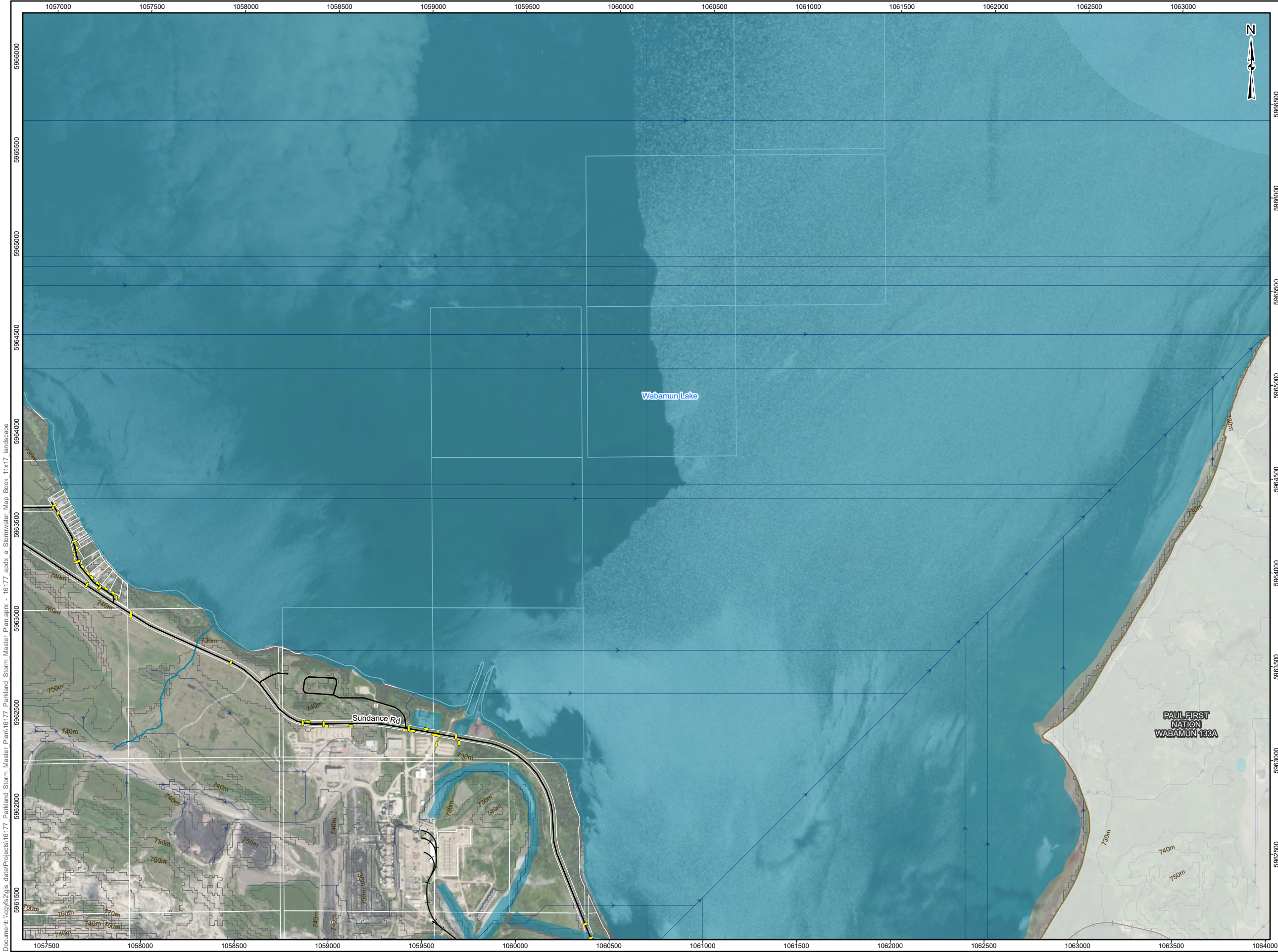
DATA SOURCES
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PROJECTION
NAD 1983 CSRS 10TM AEP Resource

0 250 500
1:20,000 Meters



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LEGEND

- Road
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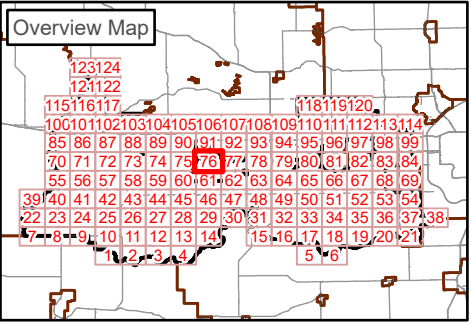
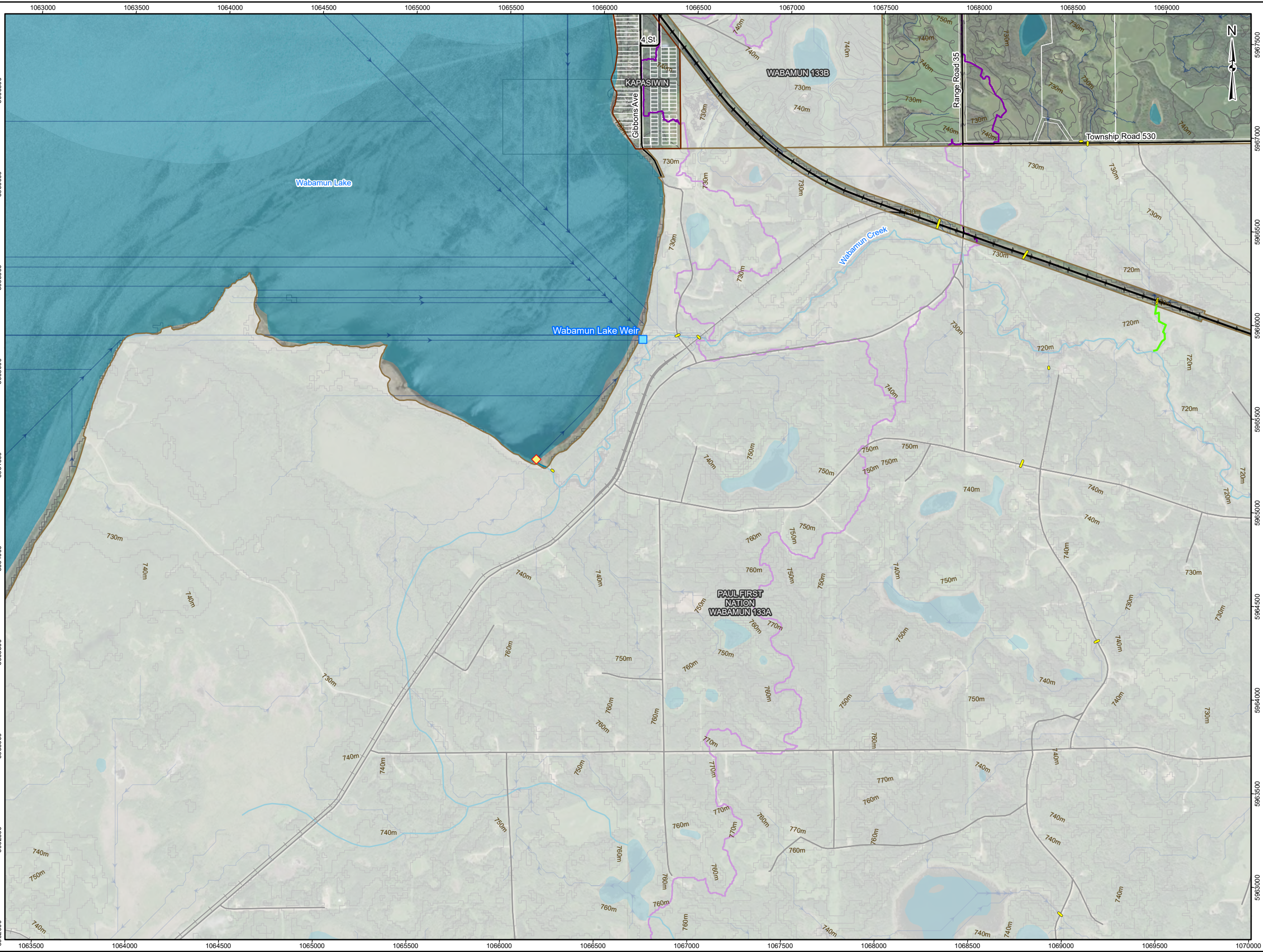
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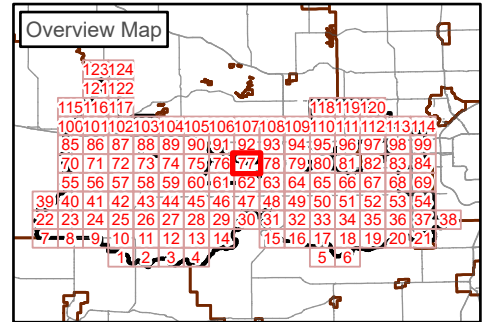
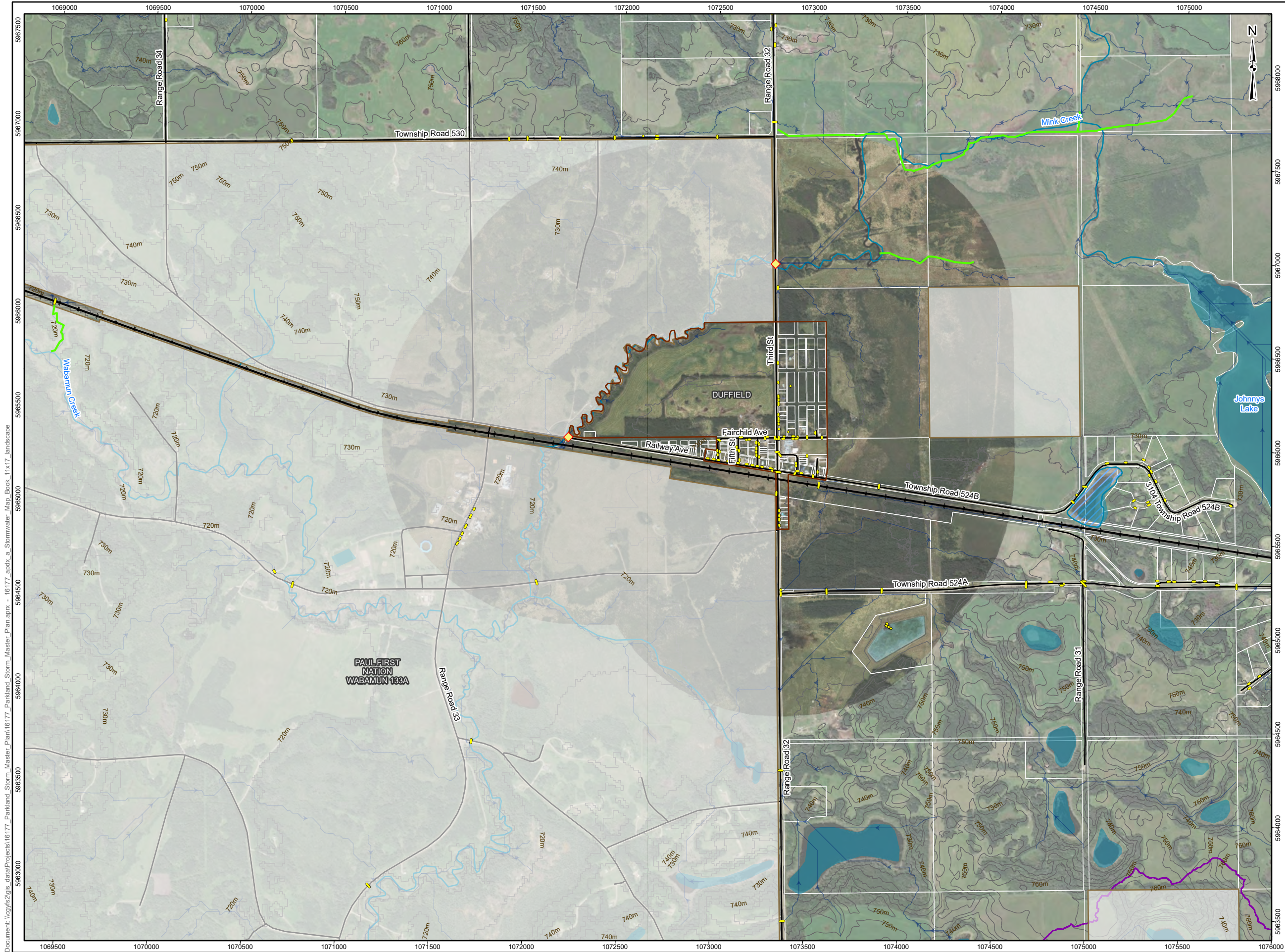
0 250 500
1:20,000 Meters



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Document: \\g:\s2\gis_data\Projects\16177_Parkland_Storm_Master_Plan\16177_Parkland_Storm_Master_Plan.aprx - 16177.aprx a Stormwater Map Book - 11x17 landscape





- LEGEND
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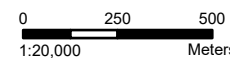
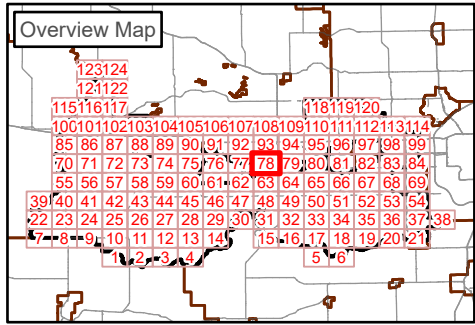
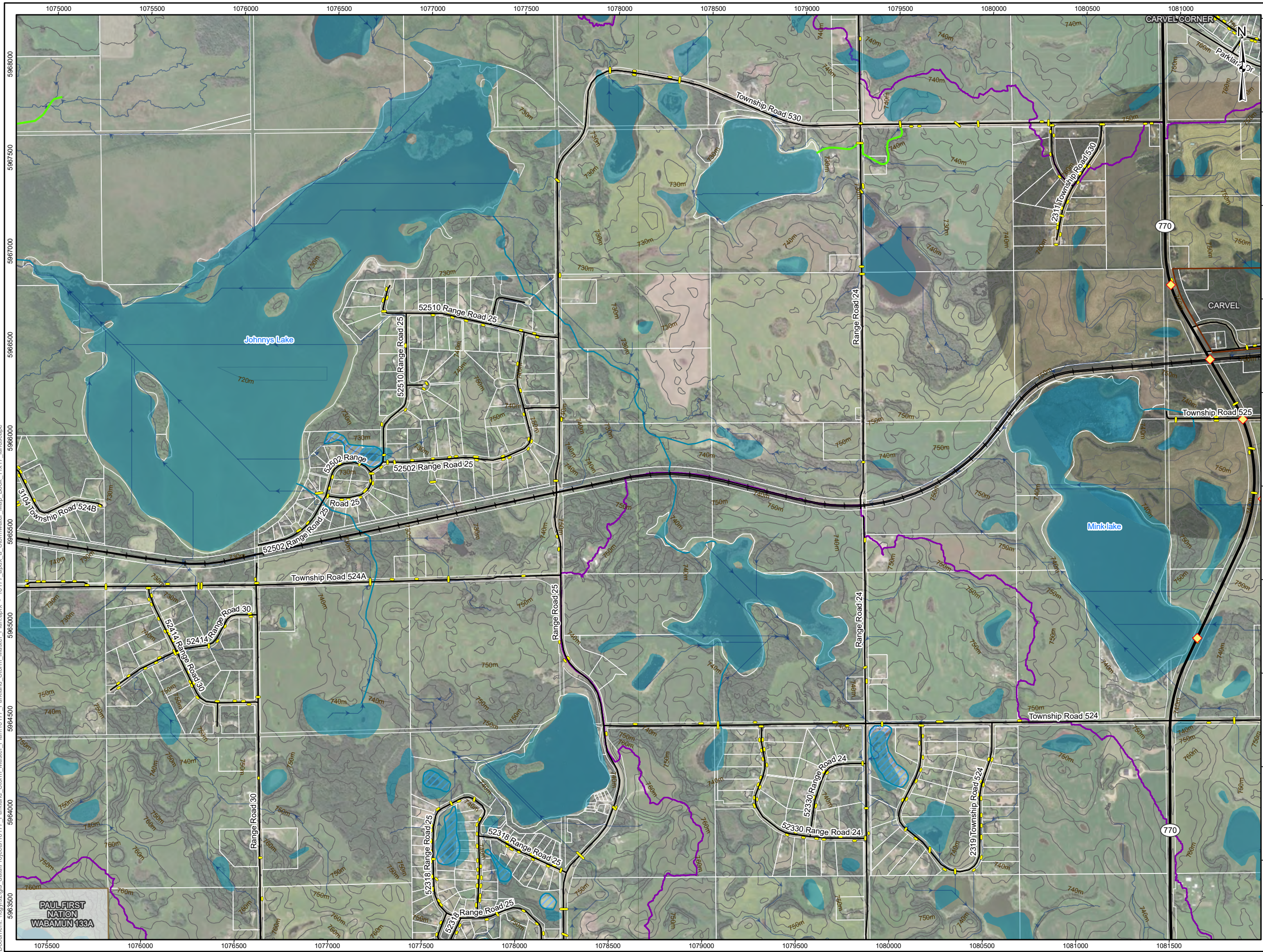


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Document: U:\gis\2\gis_data\Projects\16177_Parkland Storm Master Plan\16177_Parkland Storm Master Plan.aprx - 16177.aprx a Stormwater Map Book - 1x17 landscape



LEGEND

- Bridge
- Road
- Provincial Highway
- Rail
- Culvert
- Licensed or Constructed Drainage Course
- Modelled Drainage Path
- Contour (5m)
- Watercourse
- Waterbody
- Existing Stormwater Management Facility
- Sub-Watershed
- First Nations Boundary
- Municipal Boundary
- Parcels

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PROJECT
PARKLAND STORMWATER MASTER PLAN

NOTES
- Existing stormwater management facility GIS data is known to contain some future planned stormwater management facility data.

DATA SOURCES
- Topographic Map: Earthstar Geographics, IHS, Government of Canada

PROJECTION
NAD 1983 CSRS 10TM AEP Resource

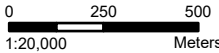
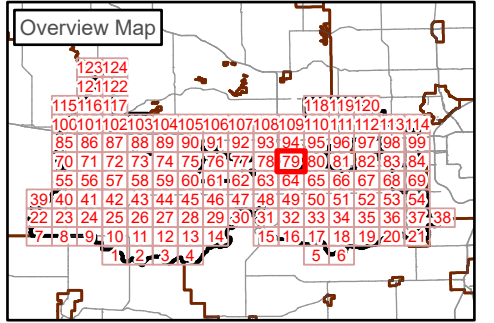
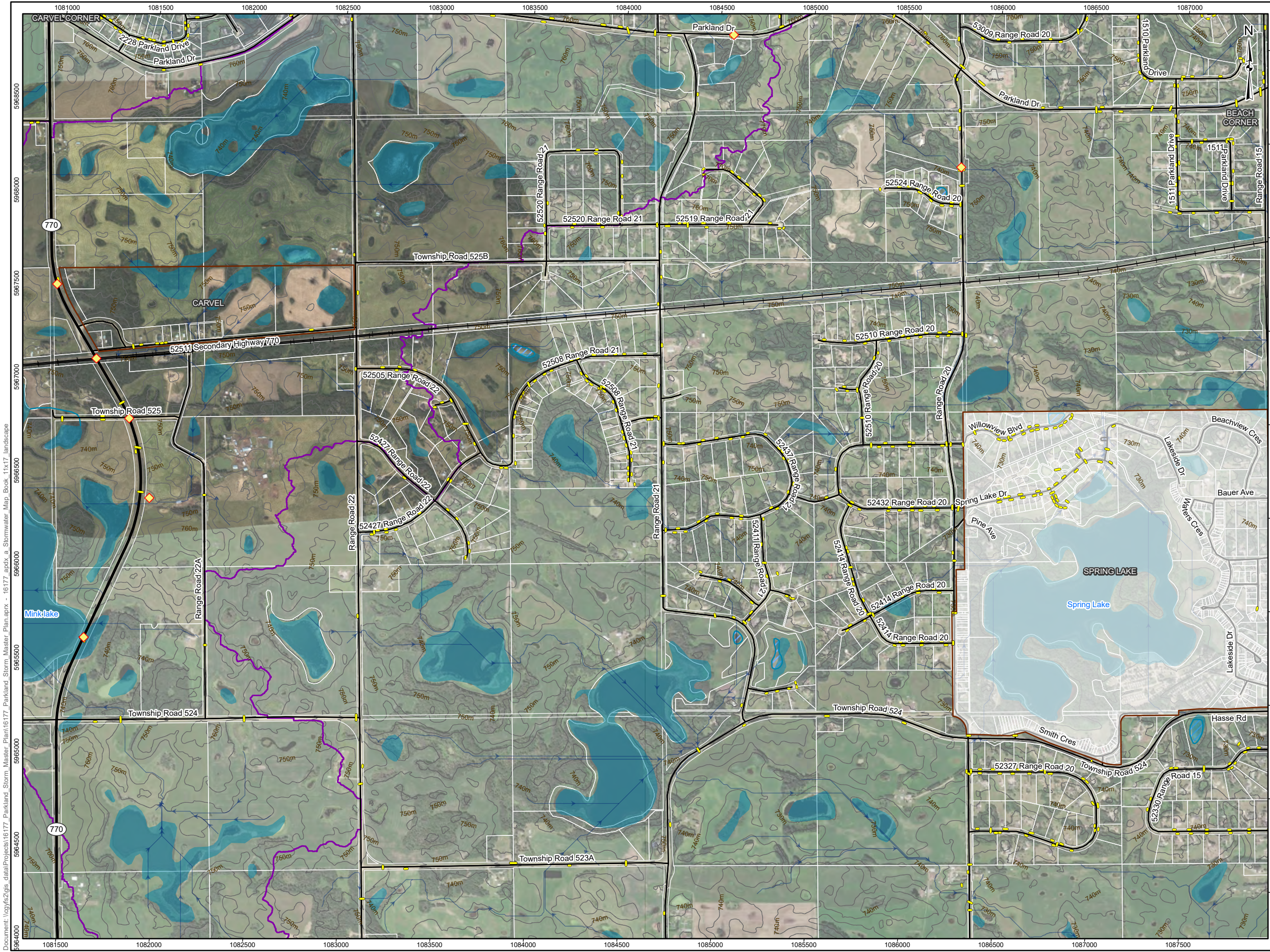


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AUTHOR	TDaSilva

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LEGEND

- Bridge
- Road
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- Rail
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NOTES
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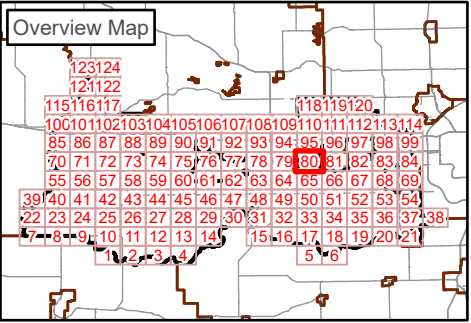
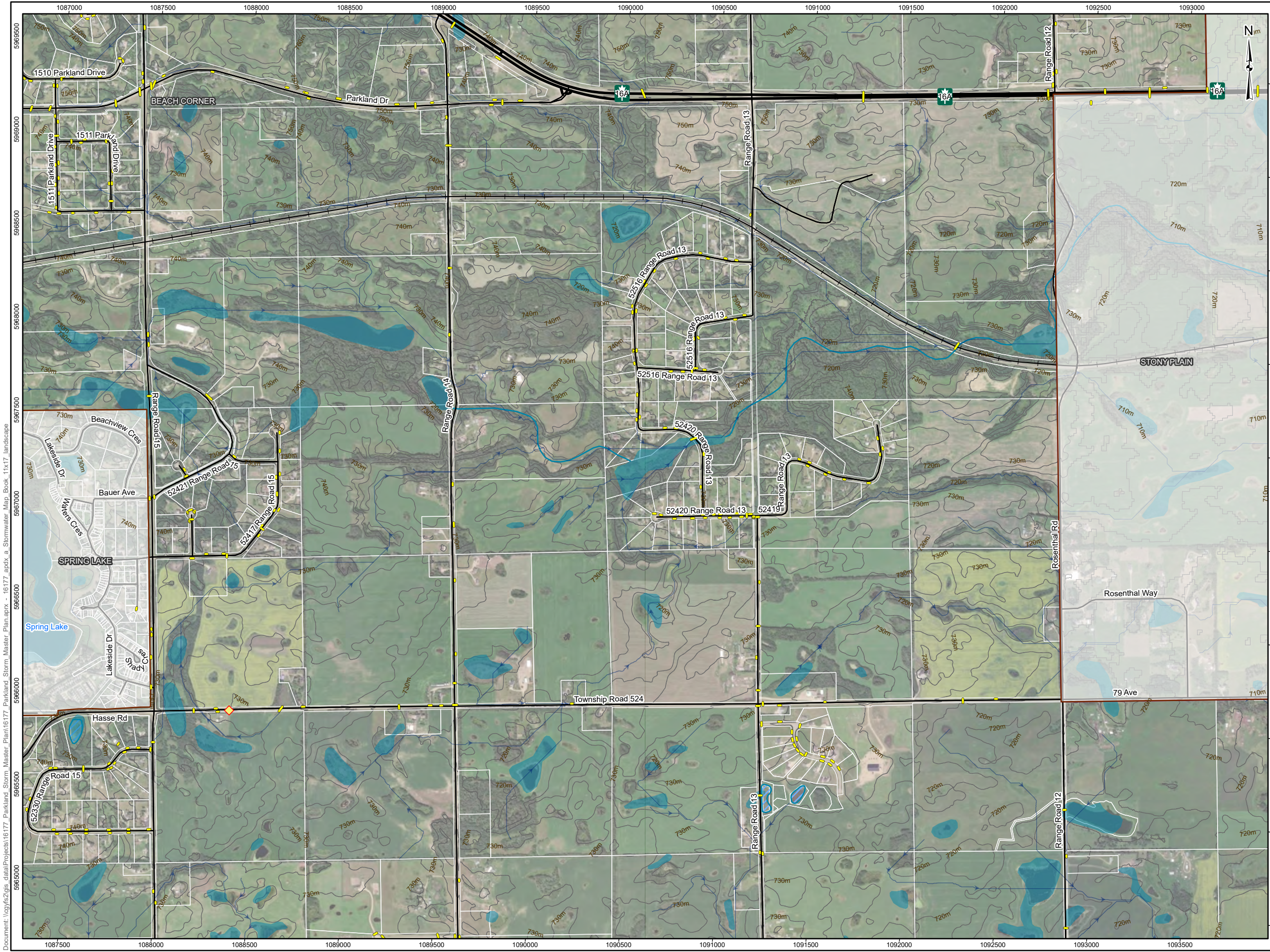
DATA SOURCES
- Topographic Map: Earthstar Geographics, IHS, Government of Canada

PROJECTION
NAD 1983 CSRS 10TM AEP Resource

0 250 500
1:20,000 Meters



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LEGEND

- Bridge
- Road
- Provincial Highway
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PARKLAND STORMWATER MASTER PLAN

NOTES
- Existing stormwater management facility GIS data is known to contain some future planned stormwater management facility data.

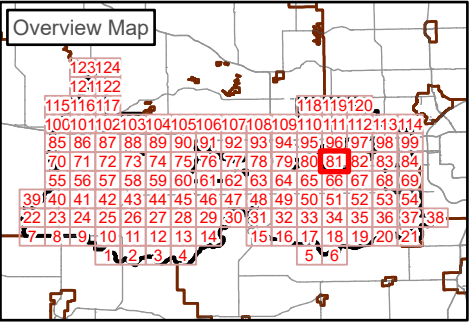
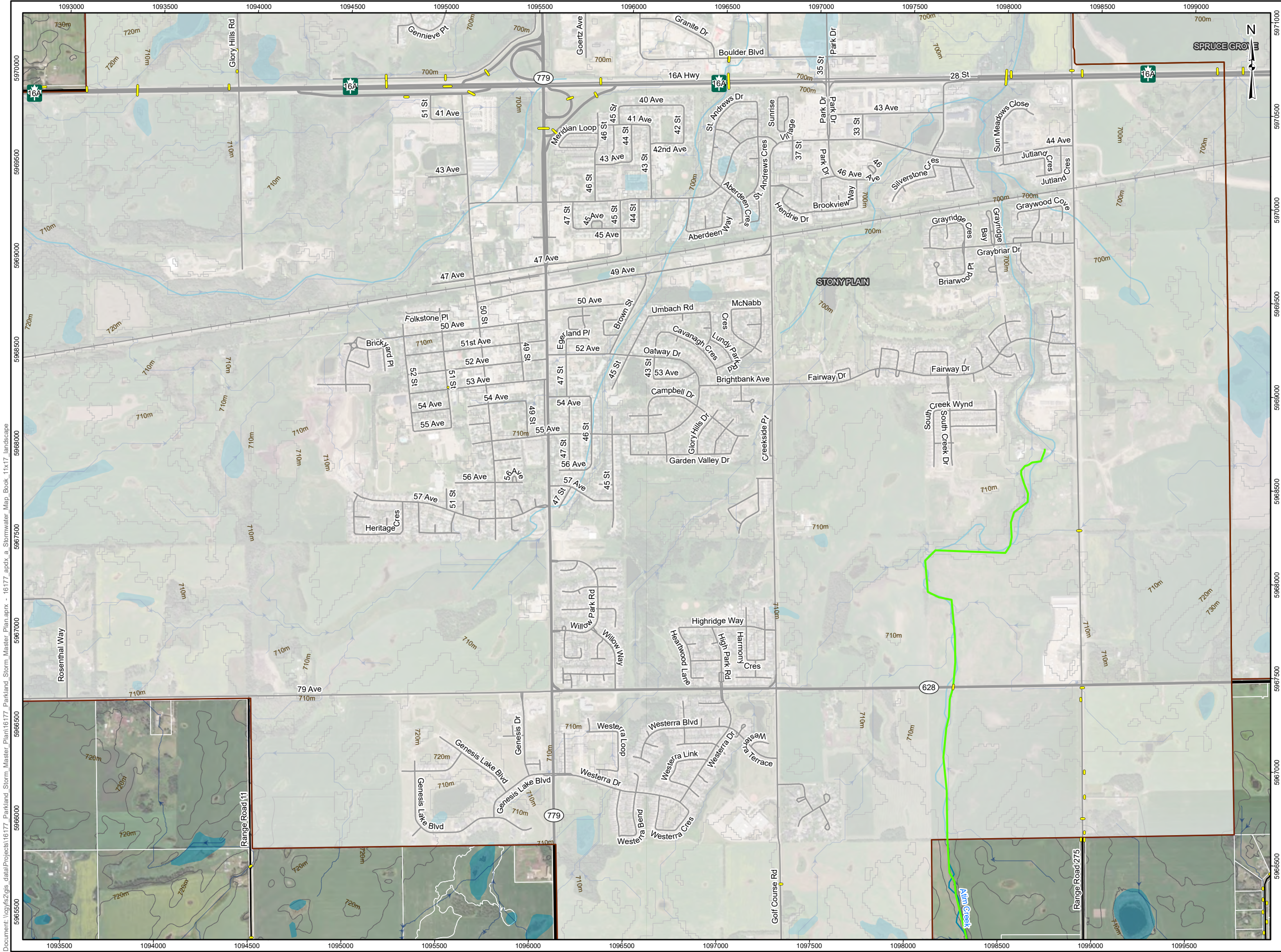
DATA SOURCES
- Topographic Map: Earthstar Geographics, IHS, Government of Canada

PROJECTION
NAD 1983 CSRS 10TM AEP Resource

0 250 500
1:20,000 Meters



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LEGEND

- Road
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PROJECT
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NOTES
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PROJECTION
NAD 1983 CSRS 10TM AEP Resource

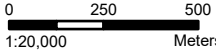
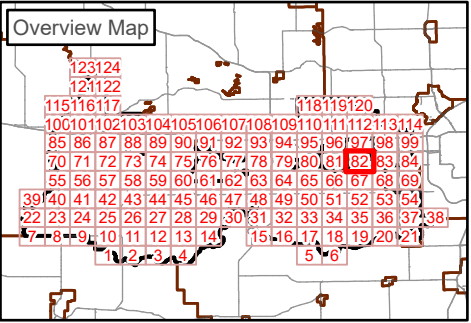
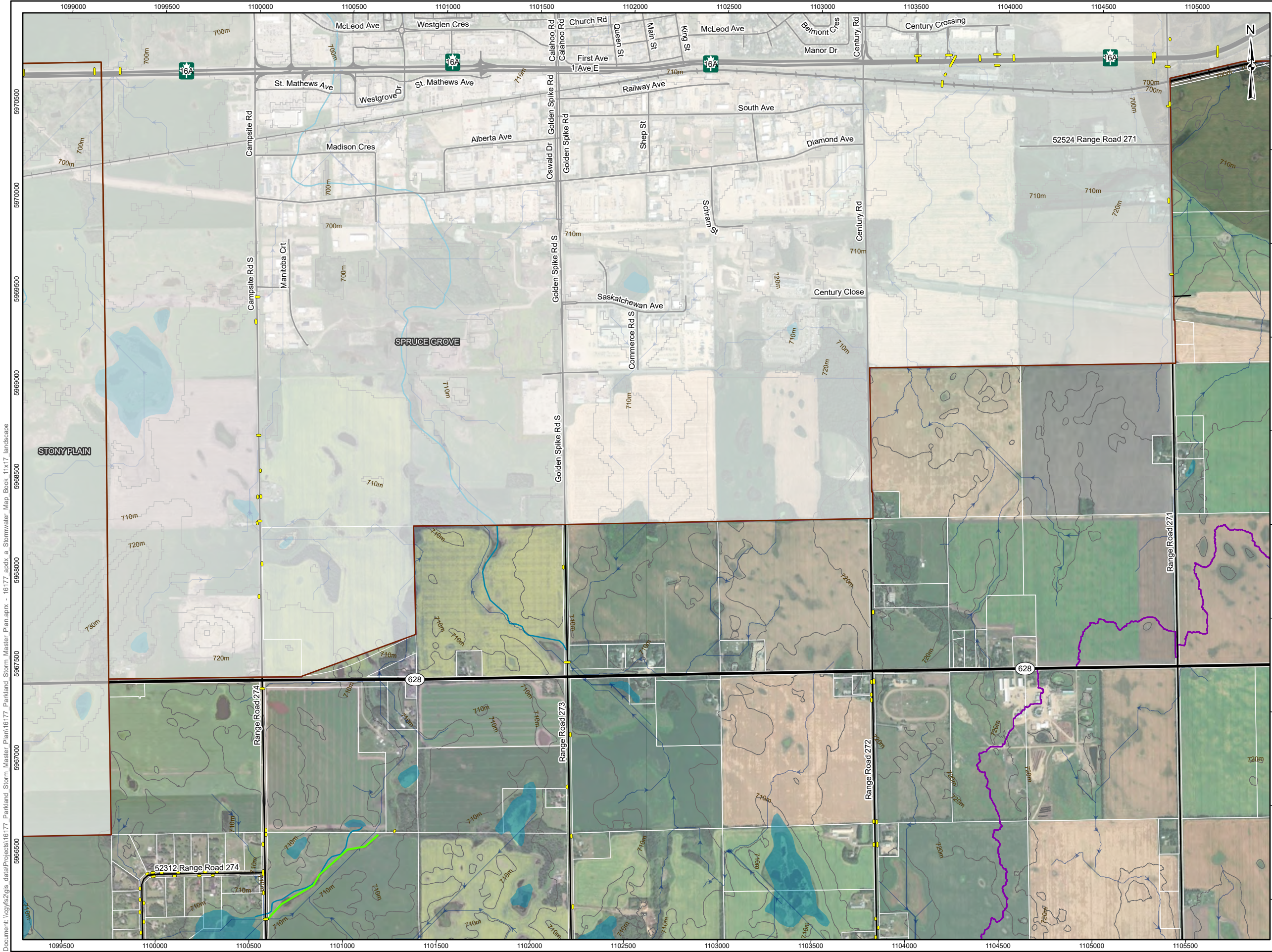


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LEGEND

- Road
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PROJECT
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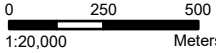


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AUTHOR	TDaSilva