

APPENDIX B

Mapbook of Parkland County Drainage System



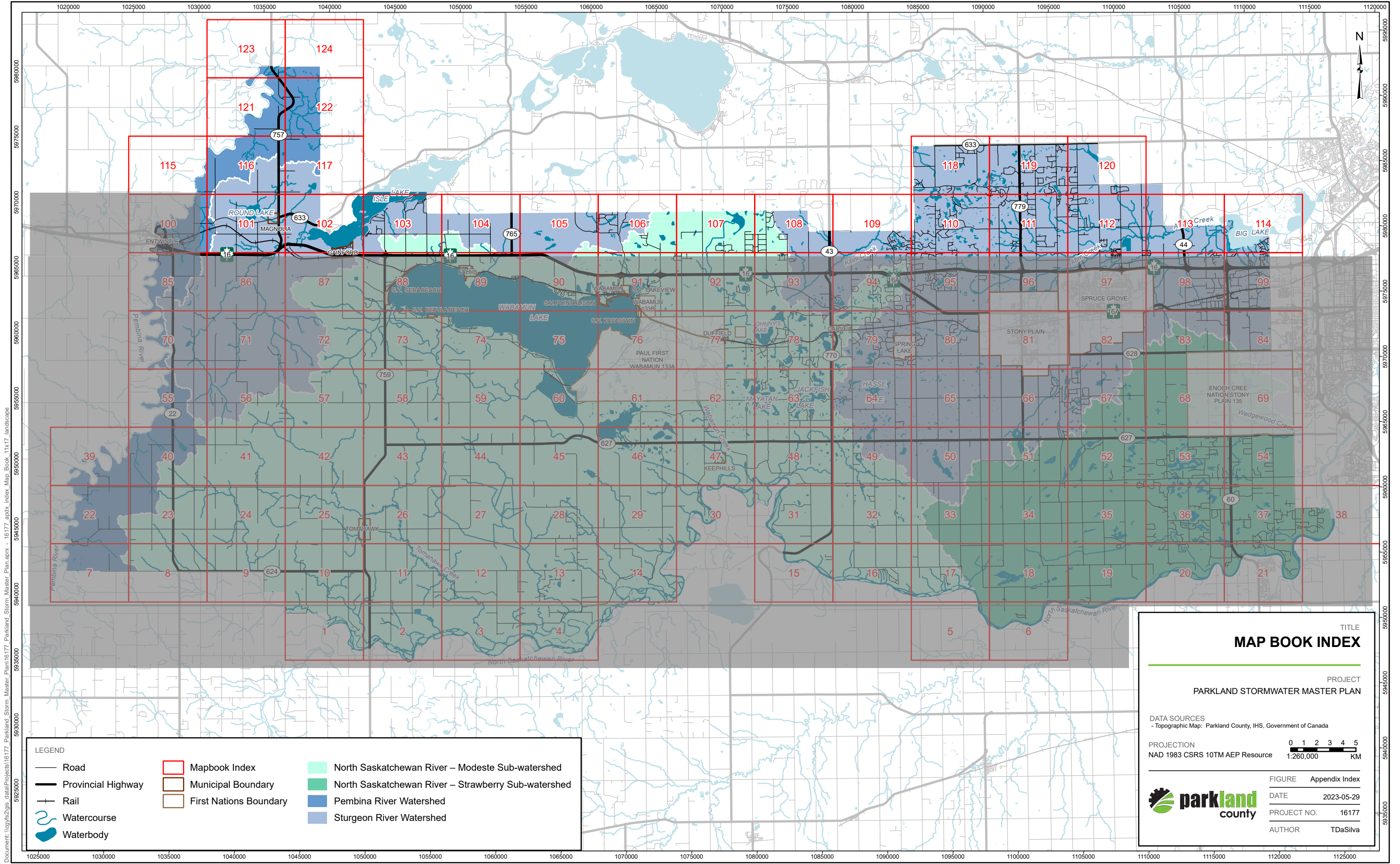
Parkland County's storm drainage system is shown in a series of 124 maps ("mapbook") at a 1:20,000 scale (when printed to 11x17). The detailed maps include the following information:

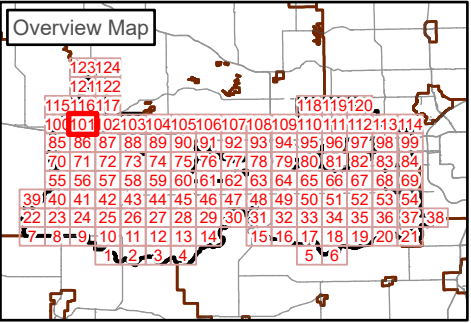
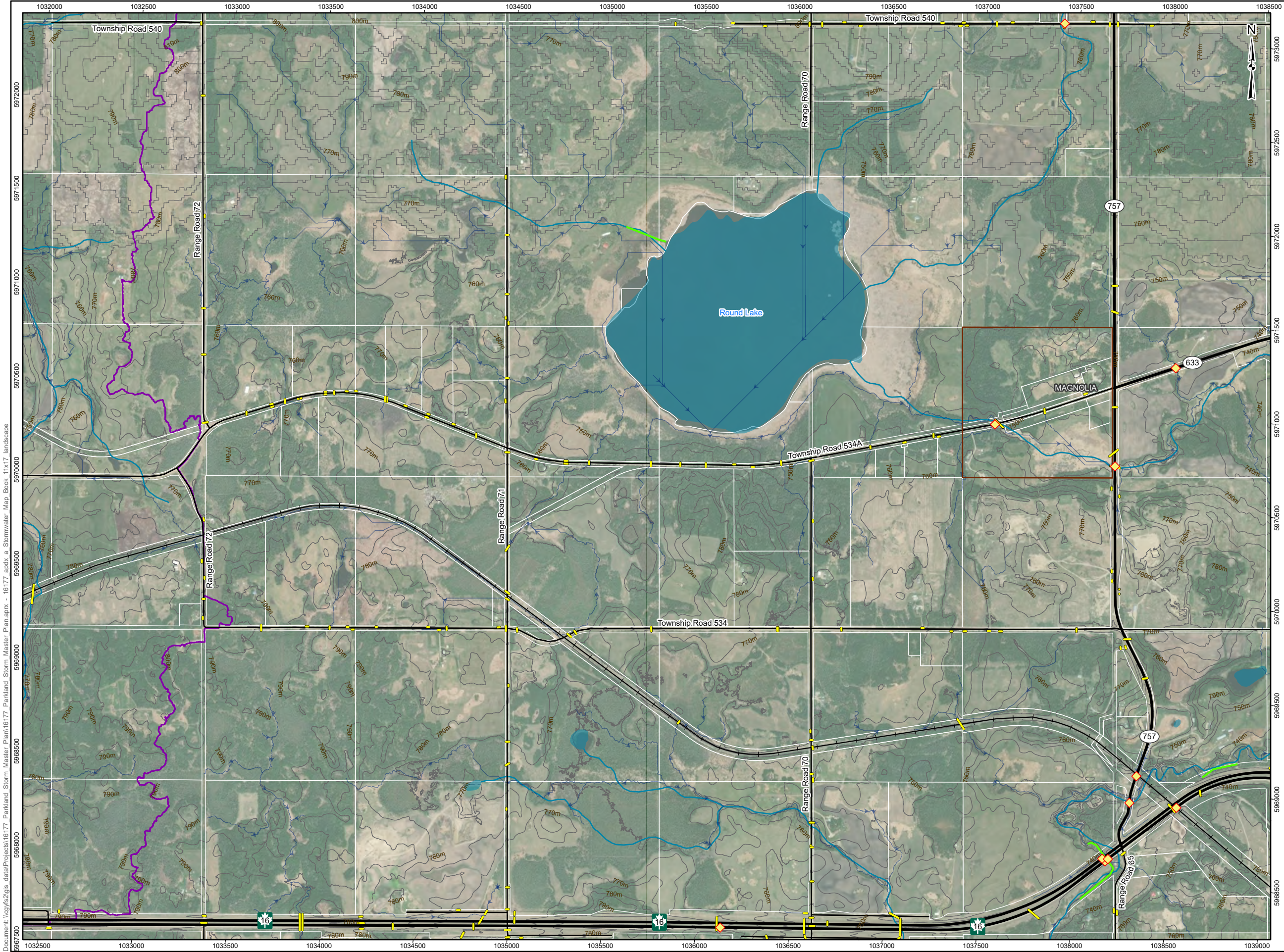
- Photobase
- Contour lines (5m)
- Rivers, lakes, creeks and other waterbodies – from the provincial GIS database
- Storm sewers / gravity mains and stormwater forcemains
- Stormwater lift stations
- Culverts
- Bridges / bridge sized culverts
- Stormwater management facilities
- Licensed drainage ditches
- 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.







- LEGEND
- Bridge
 - Road
 - Provincial Highway
 - Rail
 - Culvert
 - Licensed or Constructed Drainage Course
 - Modelled Drainage Path
 - Contour (5m)
 - Watercourse
 - Waterbody
 - Sub-Watershed
 - Municipal Boundary
 - Parcels

TITLE
STORMWATER MAP BOOK
PAGE 101 OF 124

PROJECT
PARKLAND STORMWATER MASTER PLAN

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

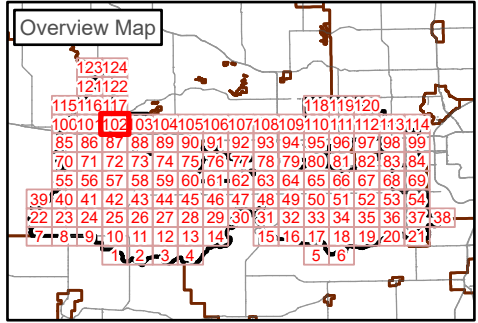
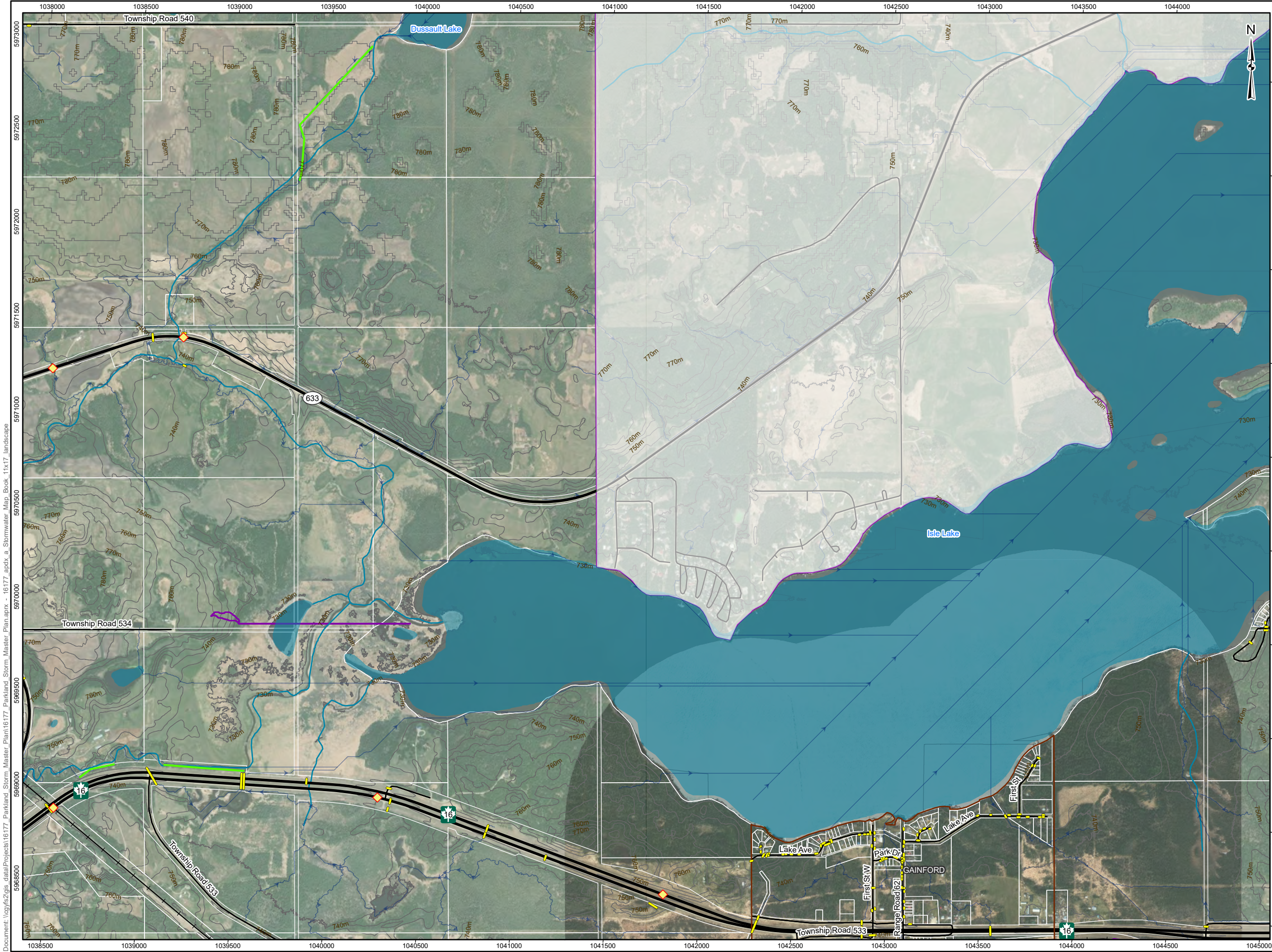
DATA SOURCES
- Topographic Map: Earthstar Geographics, IHS, Government of Canada

PROJECTION
NAD 1983 CSRS 10TM AEP Resource

0 250 500
1:20,000 Meters



FIGURE	101 of 124
DATE	2023-05-25
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LEGEND

- Bridge
- Road
- Provincial Highway
- Rail
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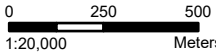
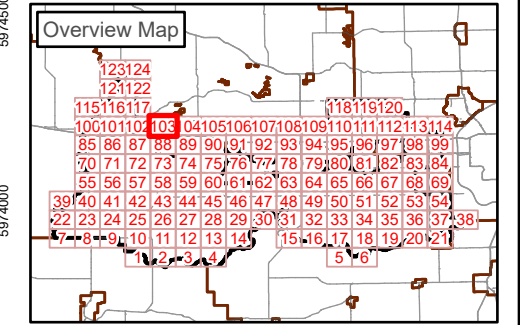
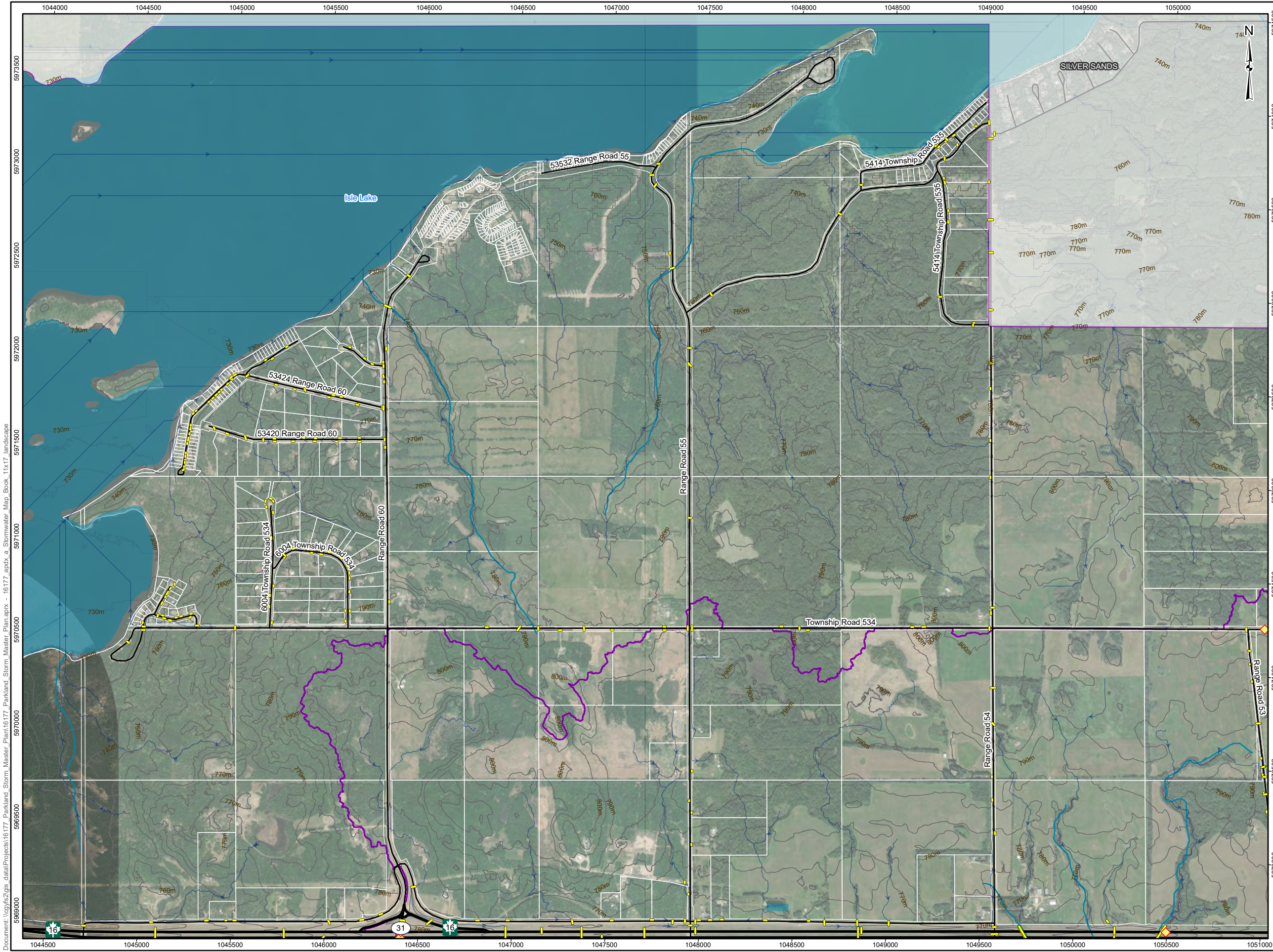


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- LEGEND
- Bridge
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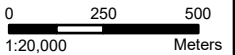
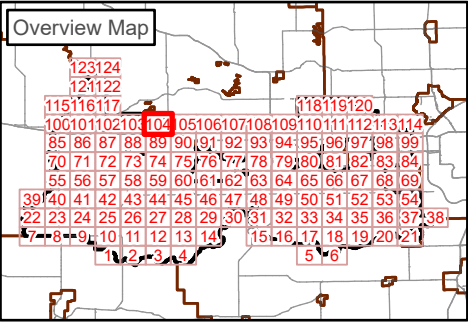
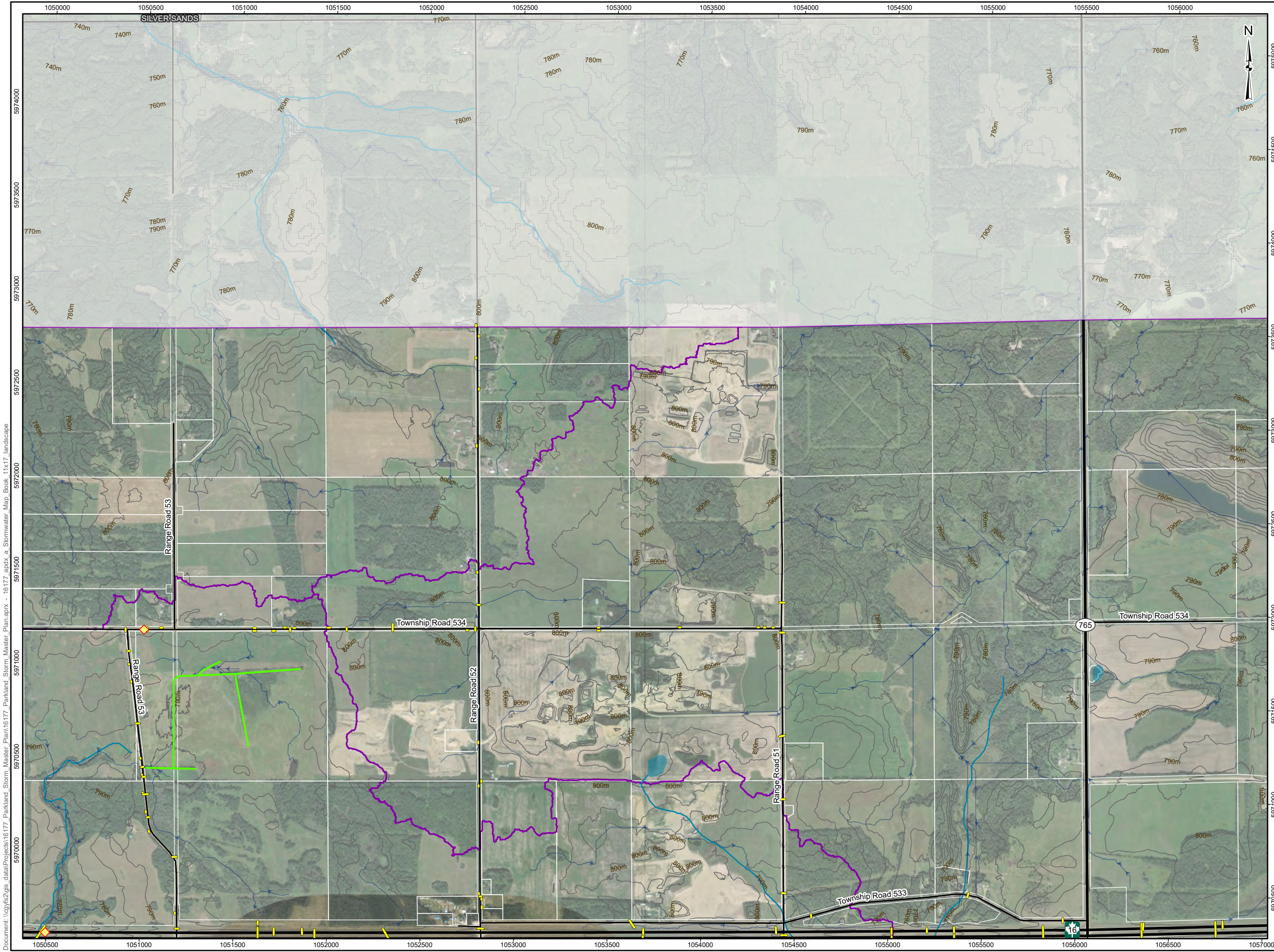


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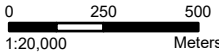
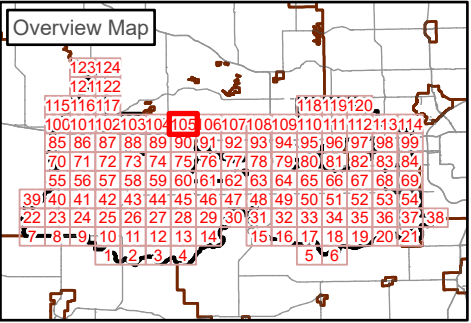
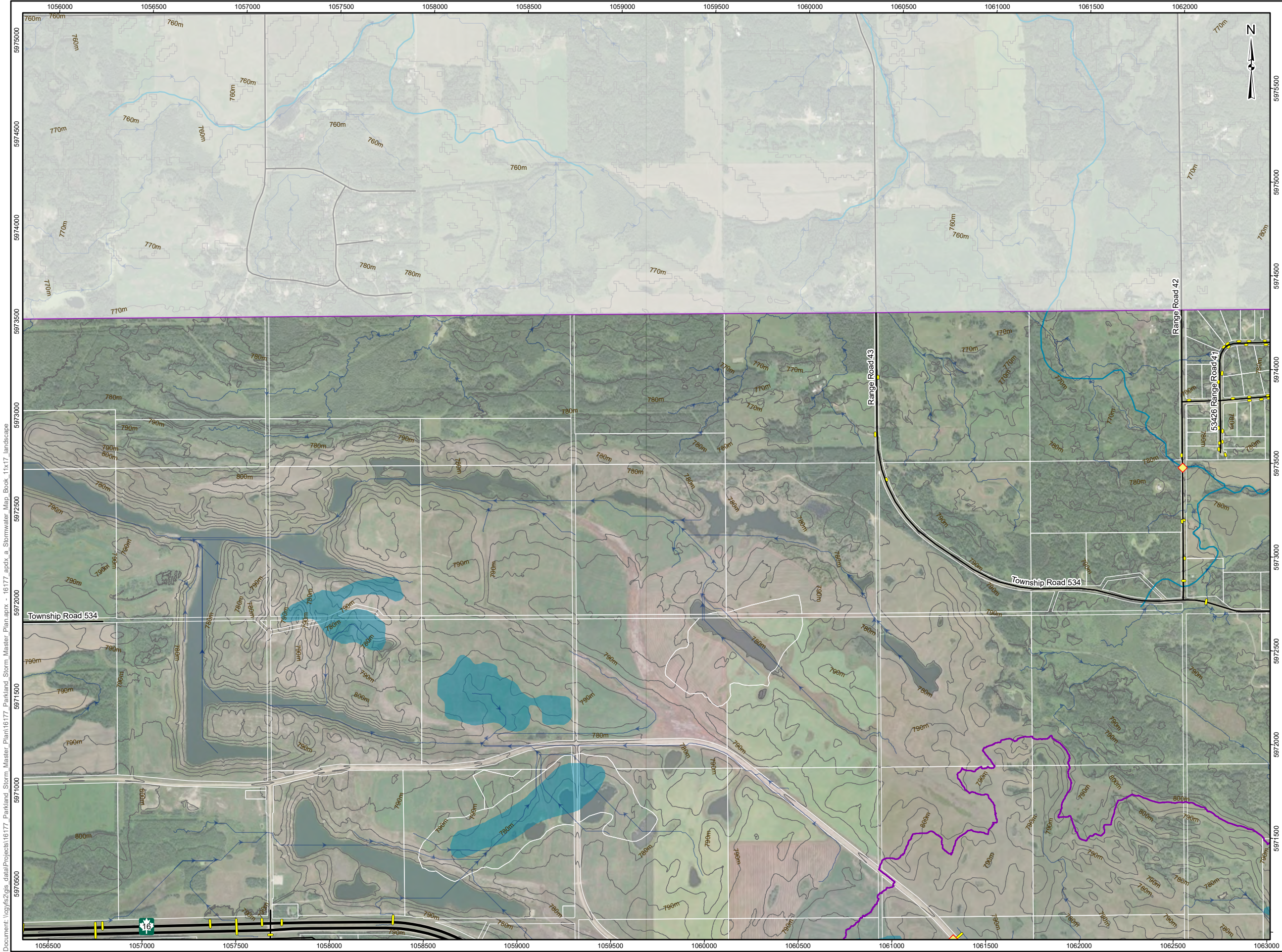


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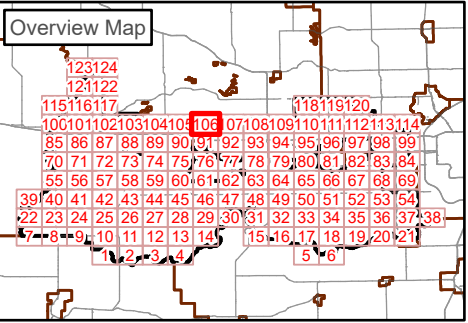
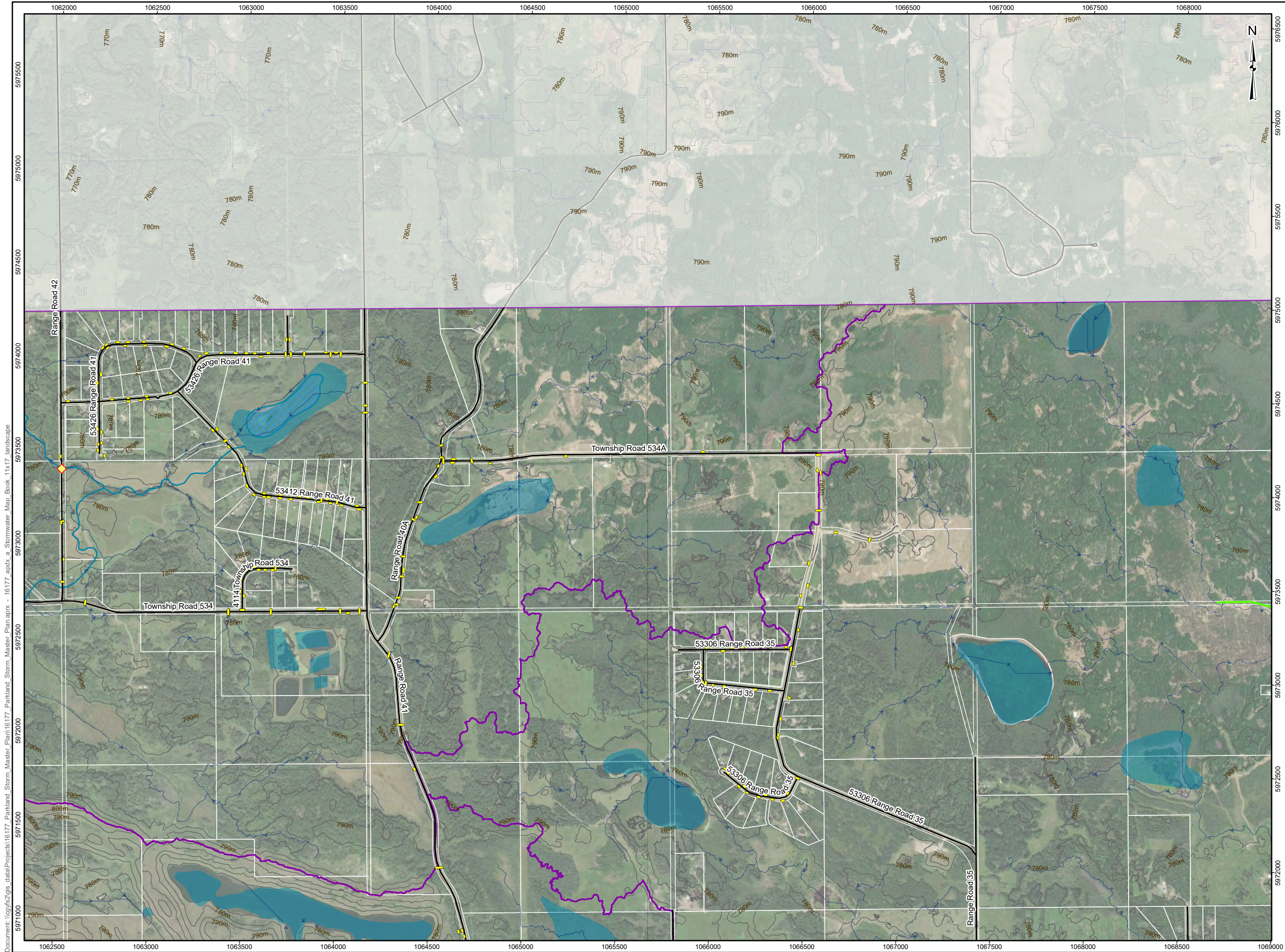
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- LEGEND
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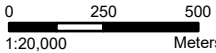
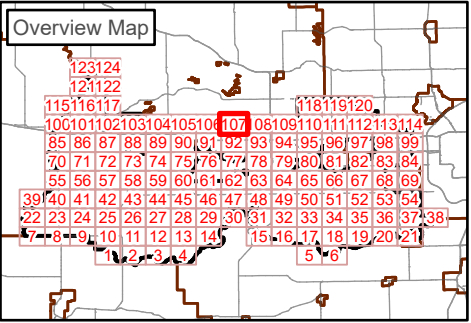
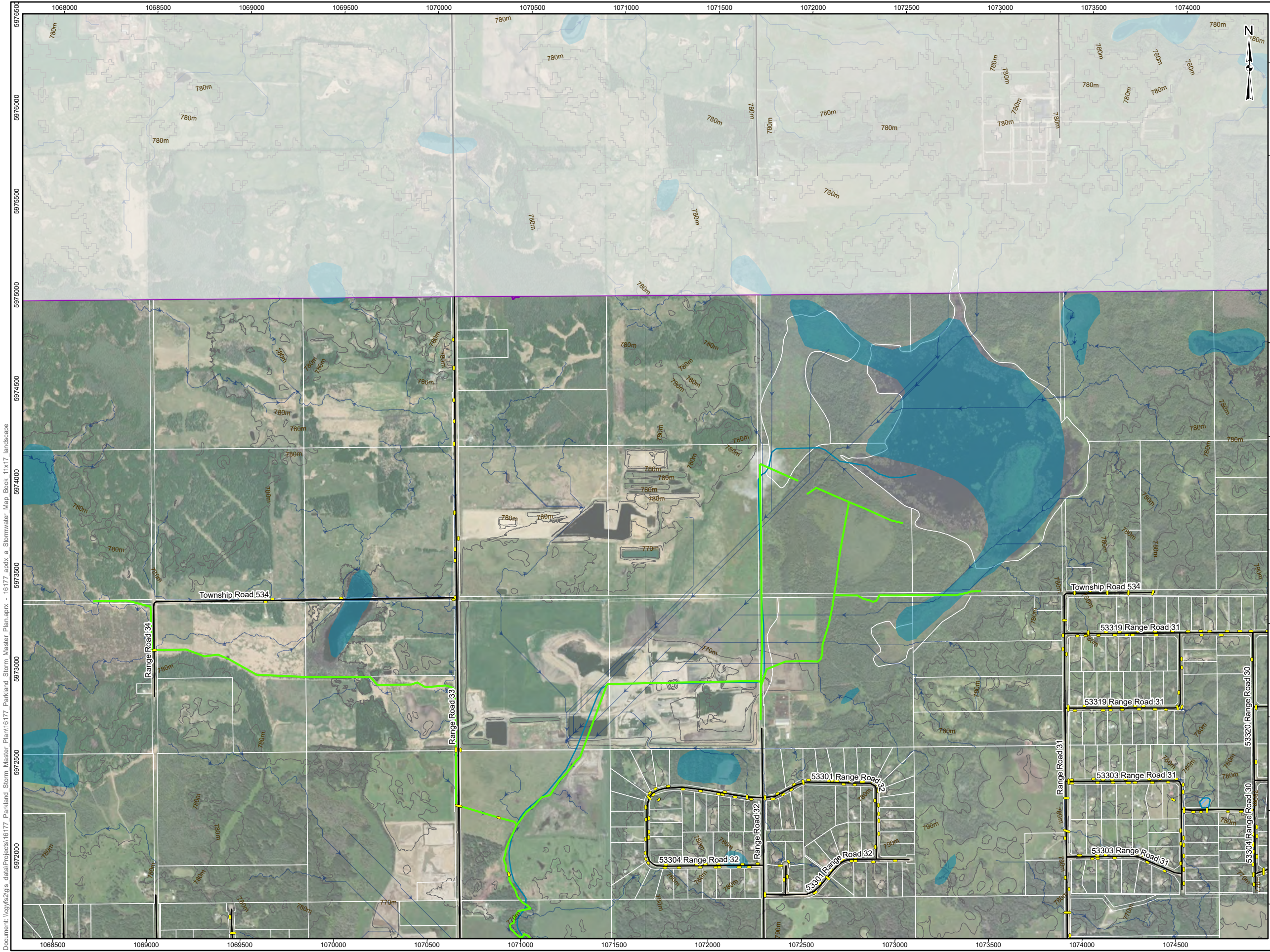


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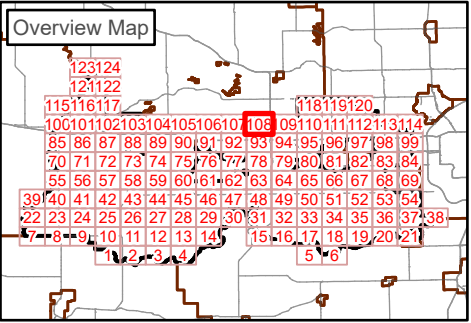
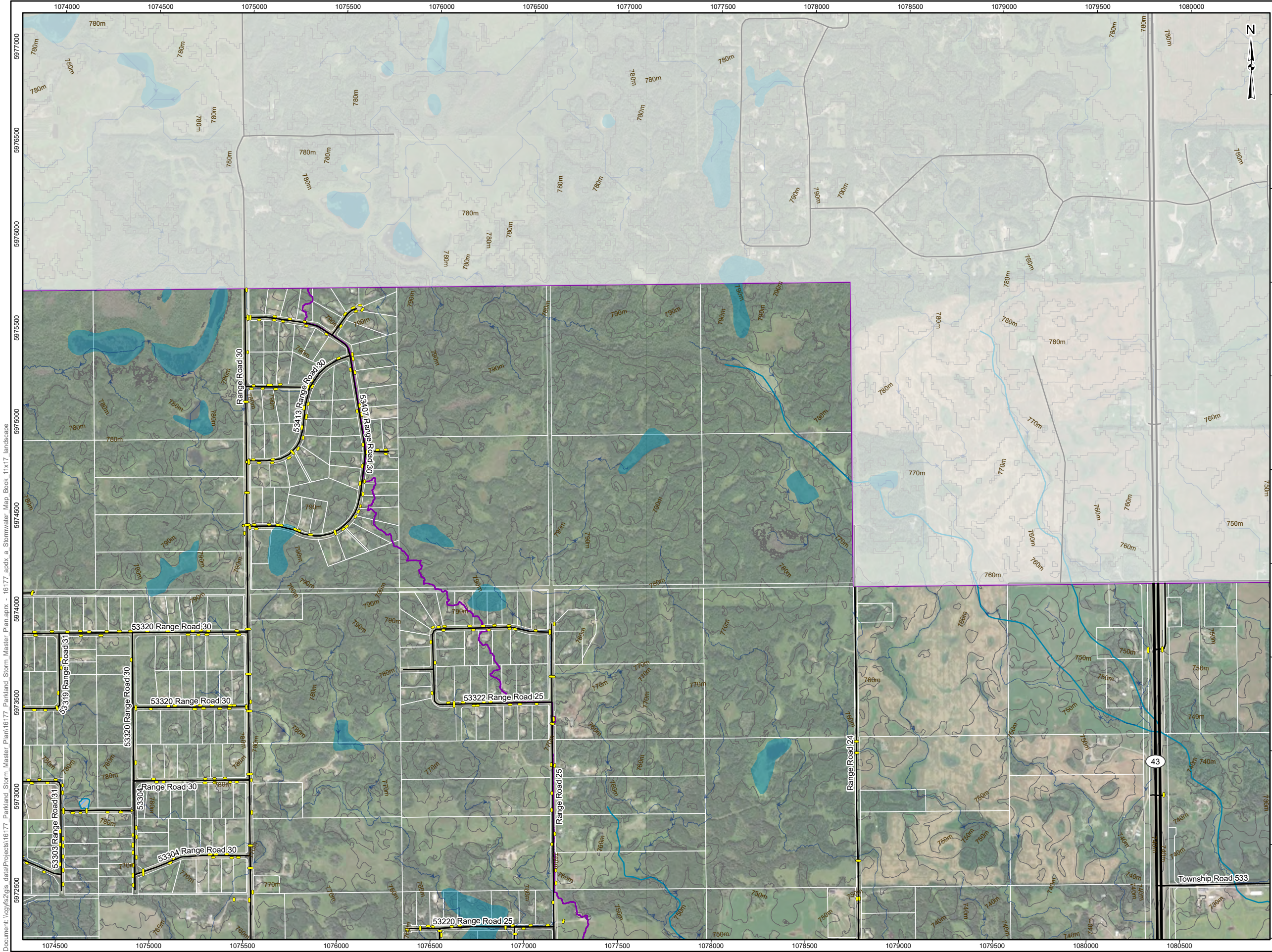
DATA SOURCES
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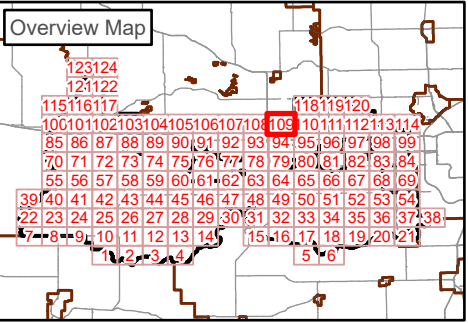
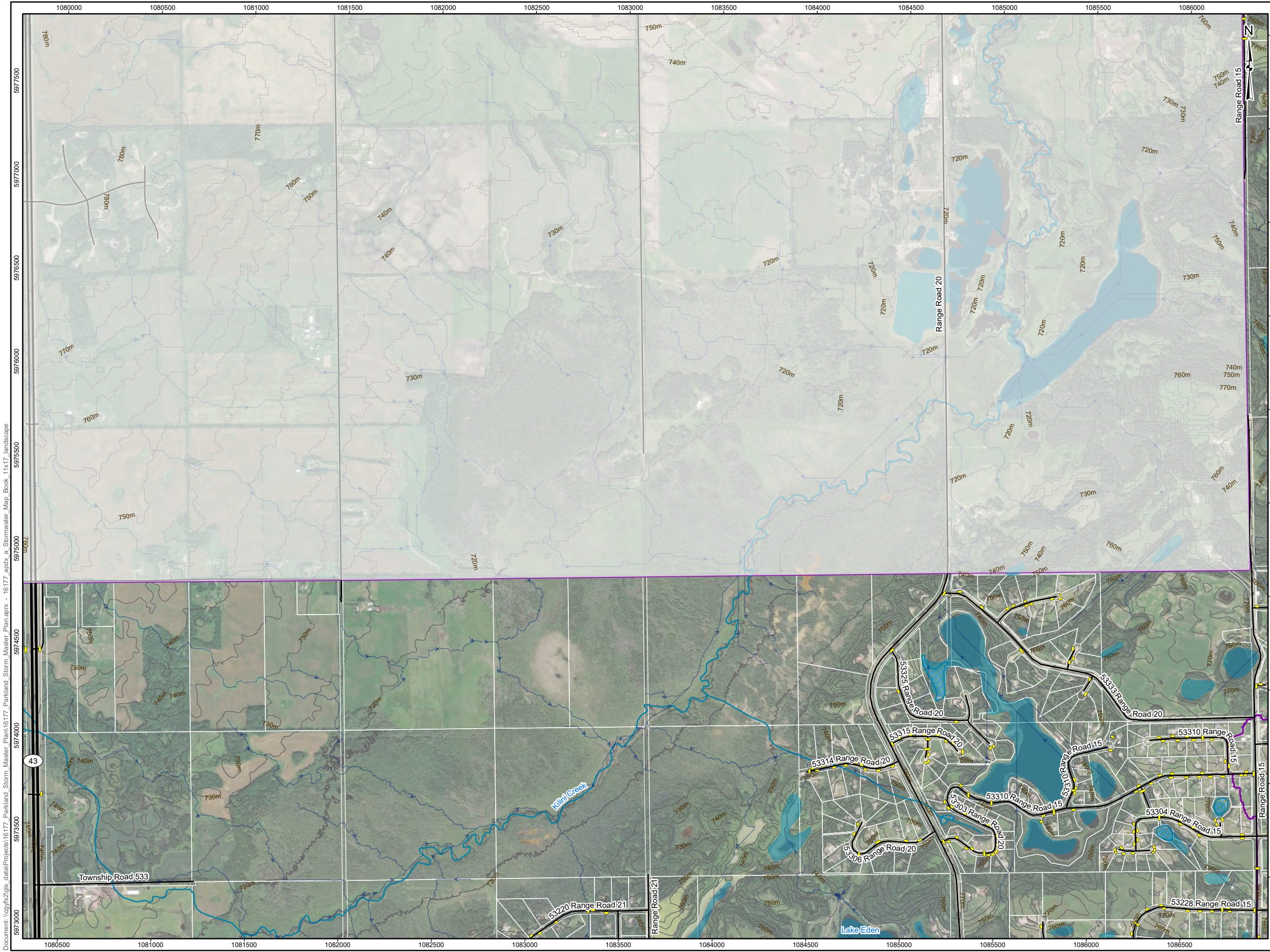
DATA SOURCES
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FIGURE	108 of 124
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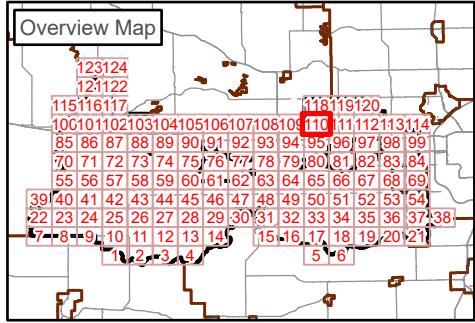
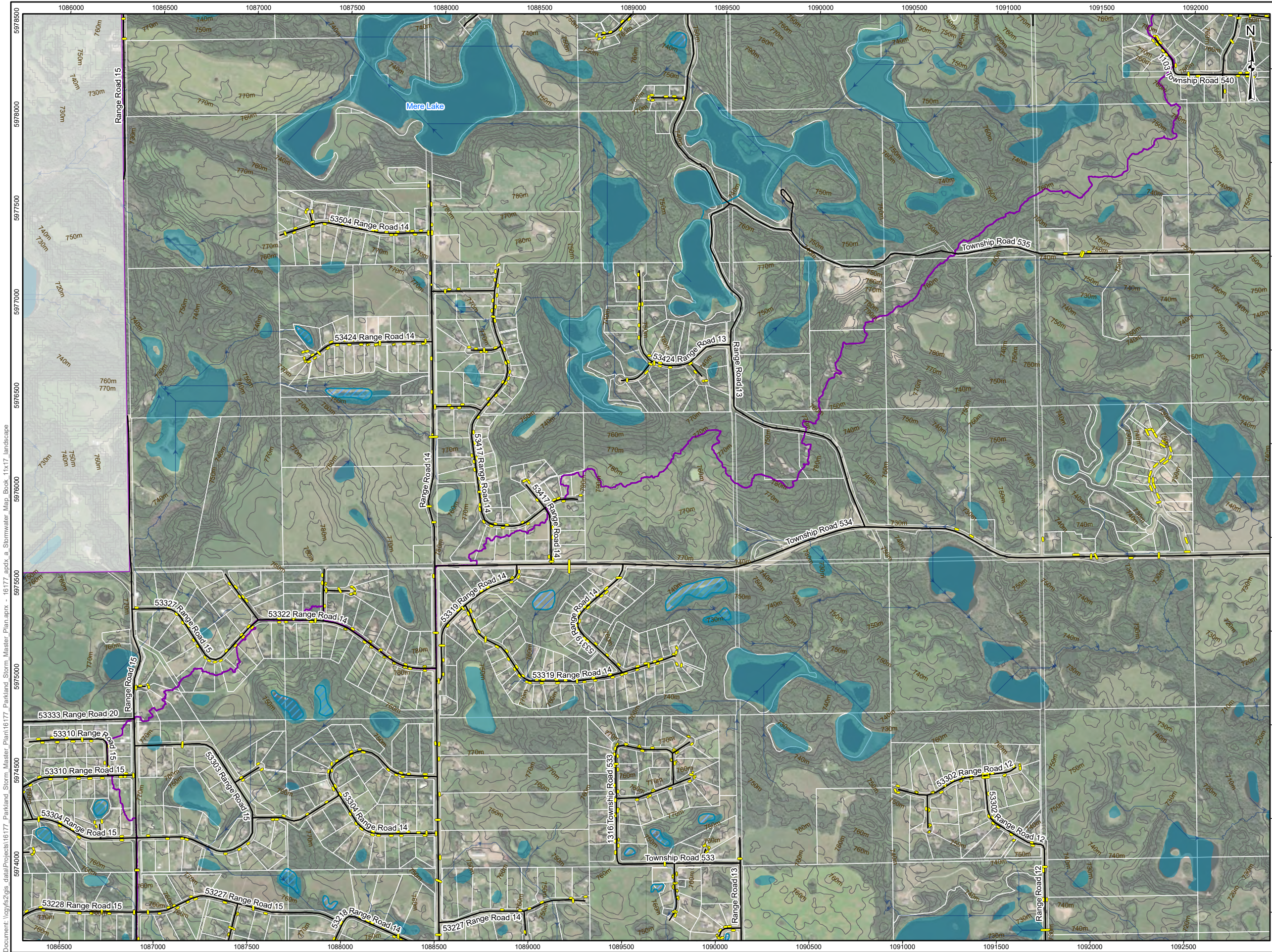
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FIGURE	109 of 124
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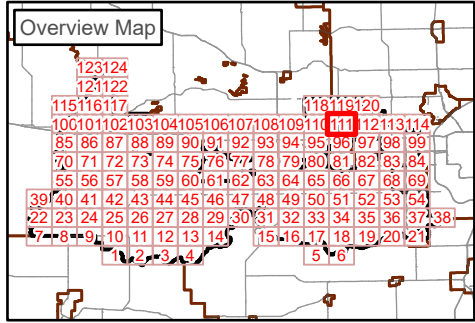
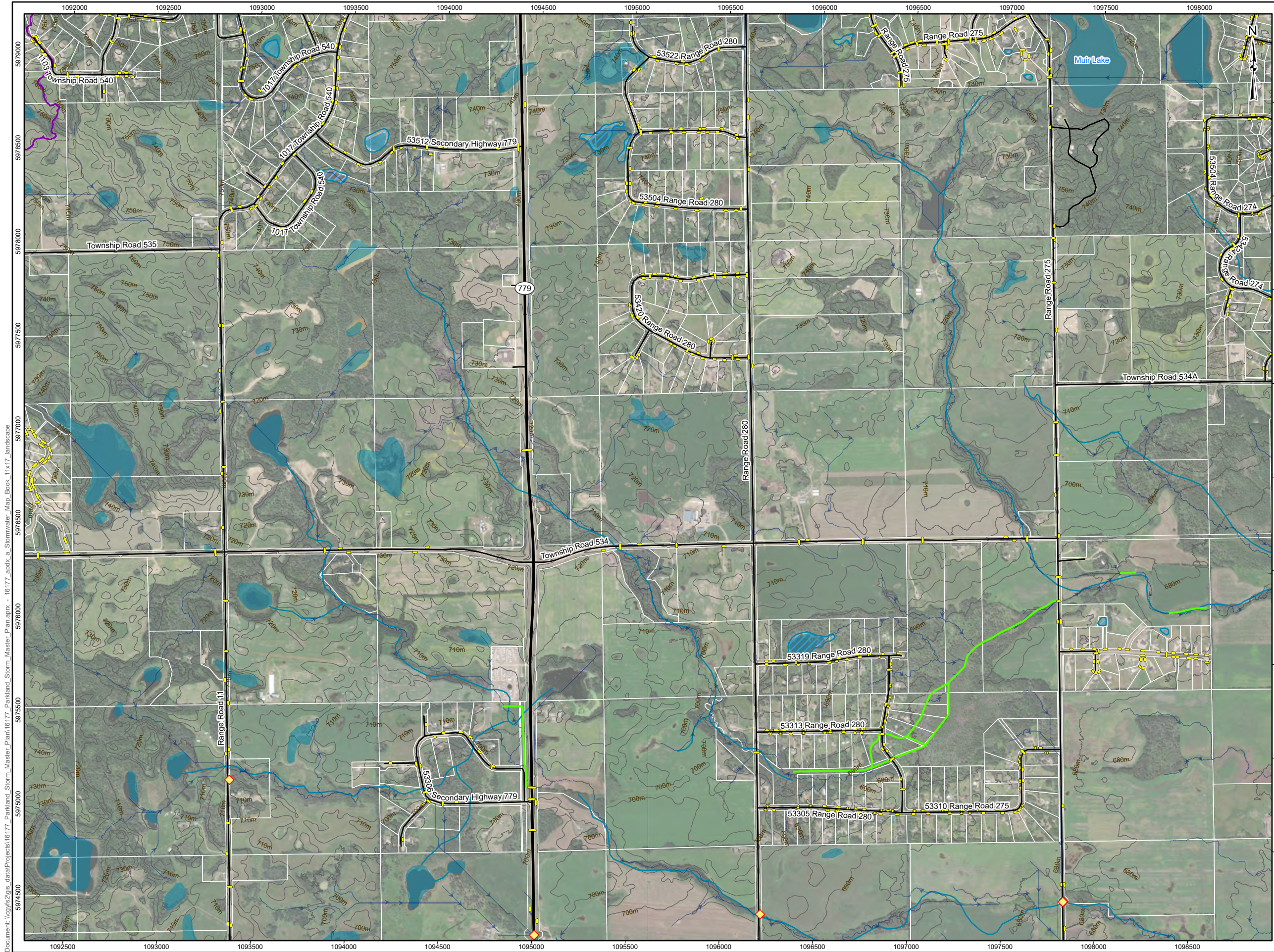
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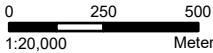
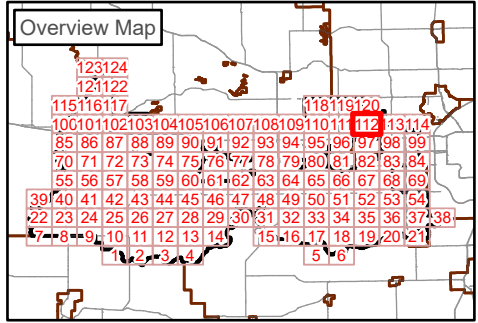
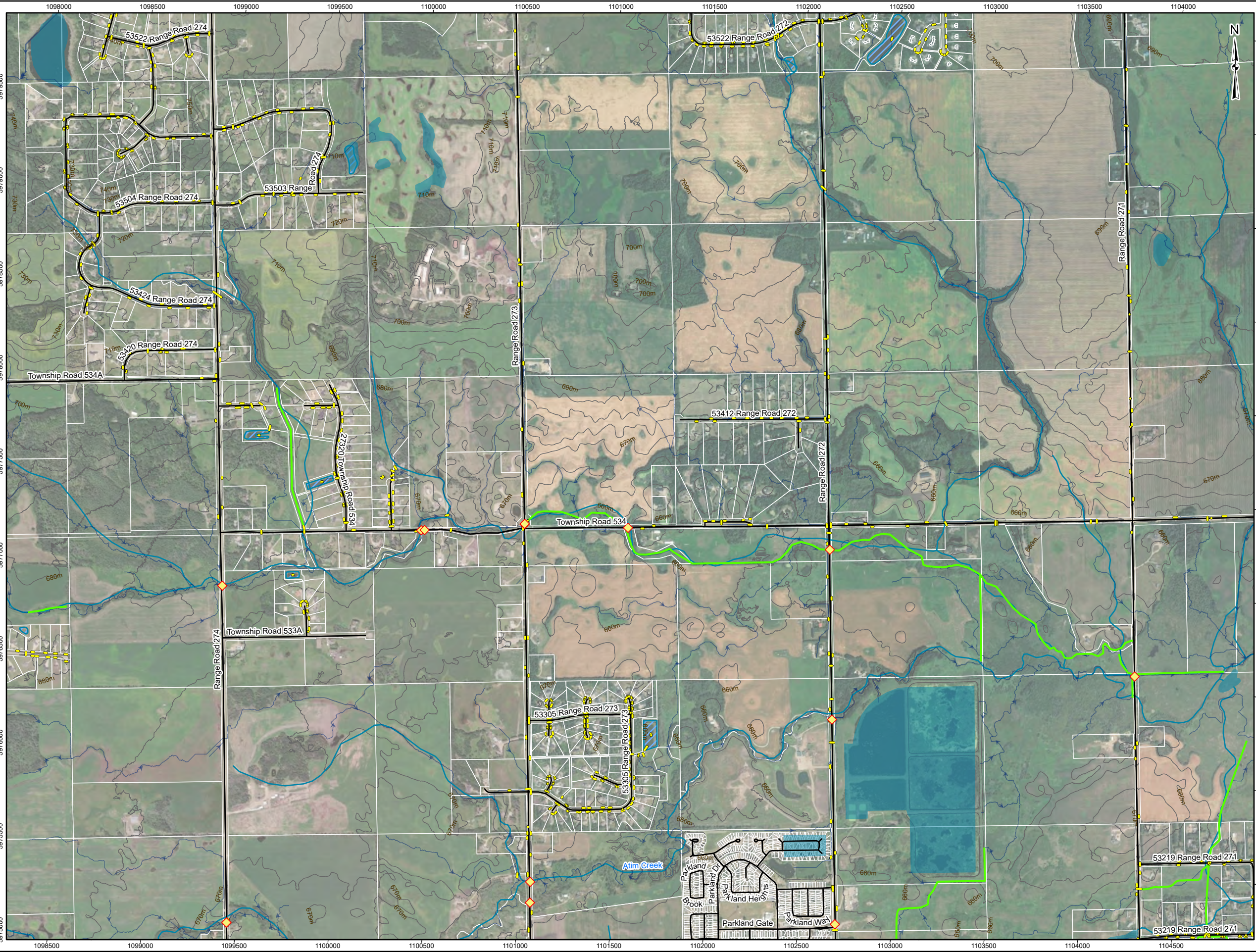


FIGURE	111 of 124
DATE	2023-05-25
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Document: \\gis2\gis_data\Projects\16177_Parkland_Storm_Master_Plan\16177_Parkland_Storm_Master_Plan.aprx - 16177.aprx a Stormwater Map Book 1x17 landscape



LEGEND

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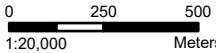
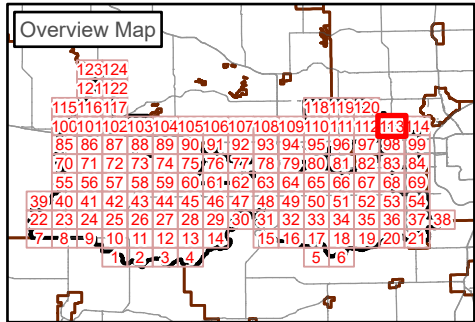
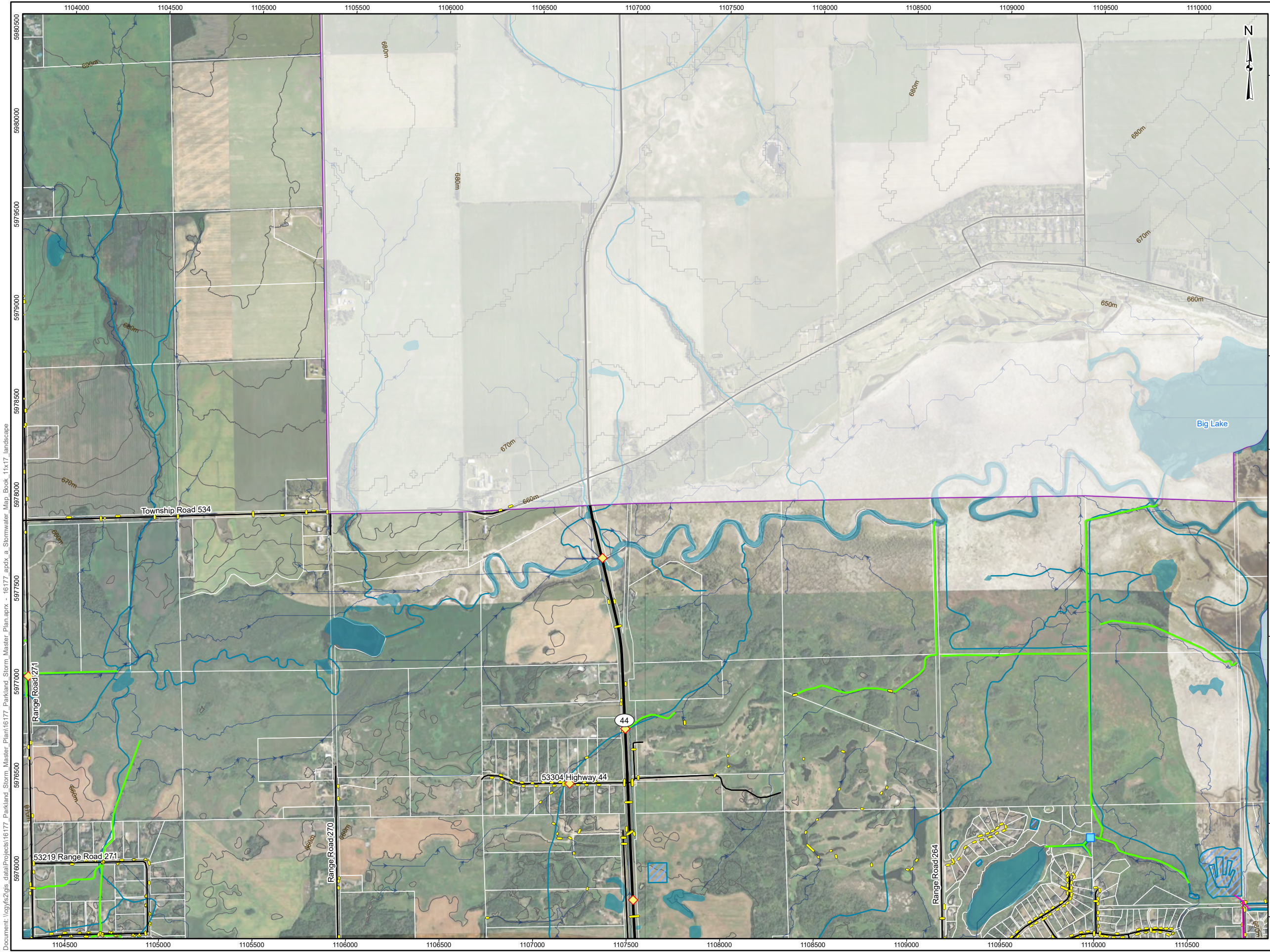


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LEGEND

- Wier
- Bridge
- Road
- Provincial Highway
- Culvert
- Stormwater Gravity Main
- Licensed or Constructed Drainage Course
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- Watercourse
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PROJECT
PARKLAND STORMWATER MASTER PLAN

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

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NAD 1983 CSRS 10TM AEP Resource

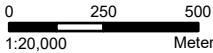
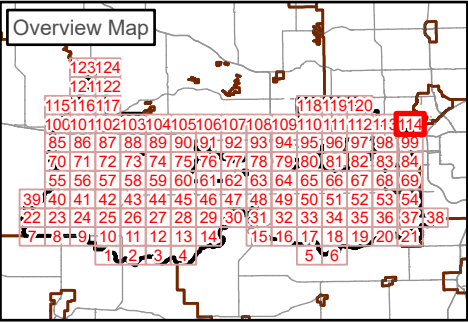


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- LEGEND
- Road
 - Culvert
 - Stormwater Gravity Main
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DATA SOURCES
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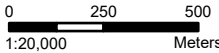
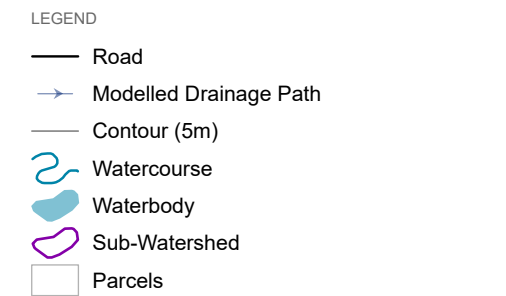


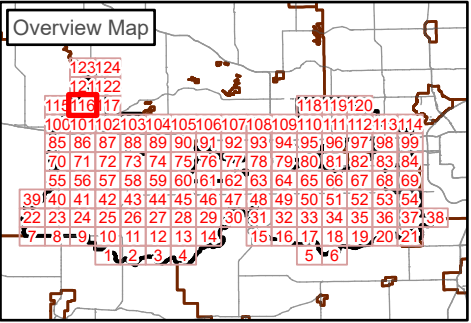
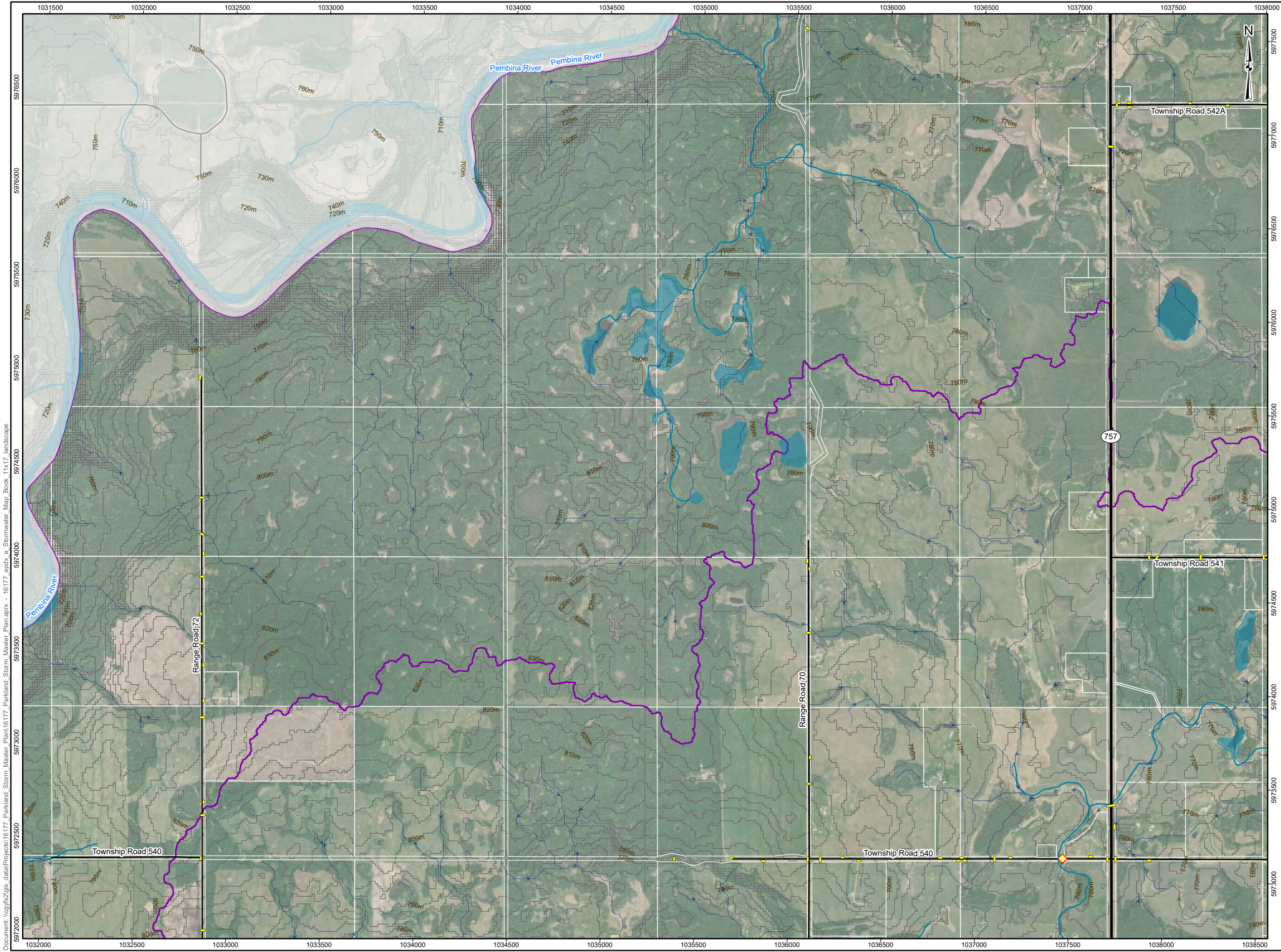
FIGURE	114 of 124
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PROJECT
PARKLAND STORMWATER MASTER PLAN

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





LEGEND

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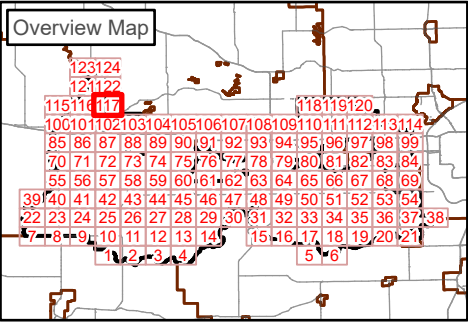
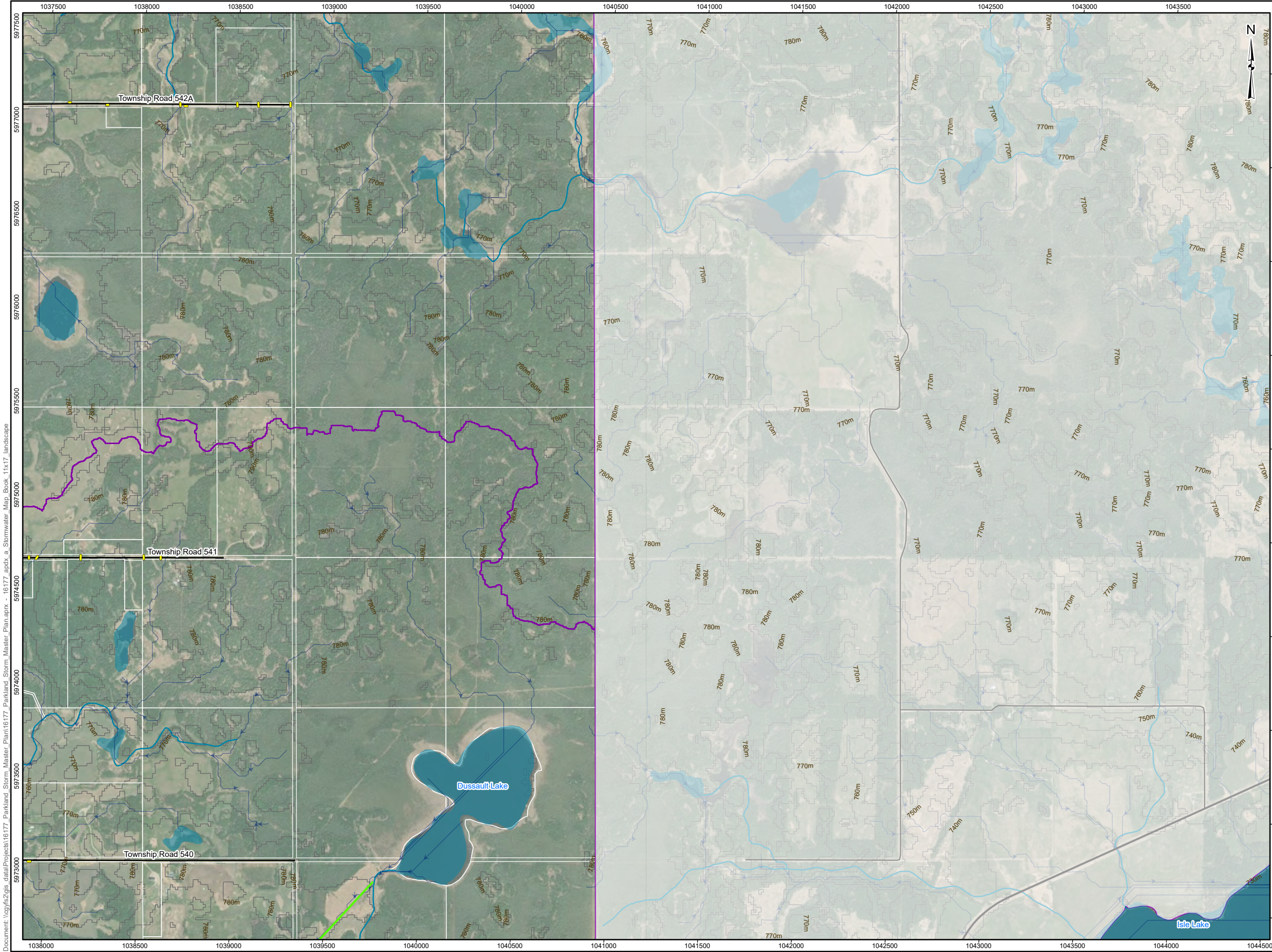
DATA SOURCES
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PROJECTION
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0 250 500
1:20,000 Meters



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LEGEND

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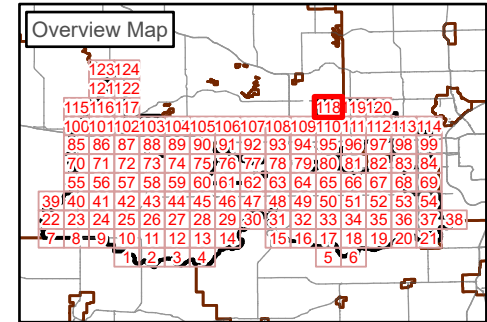
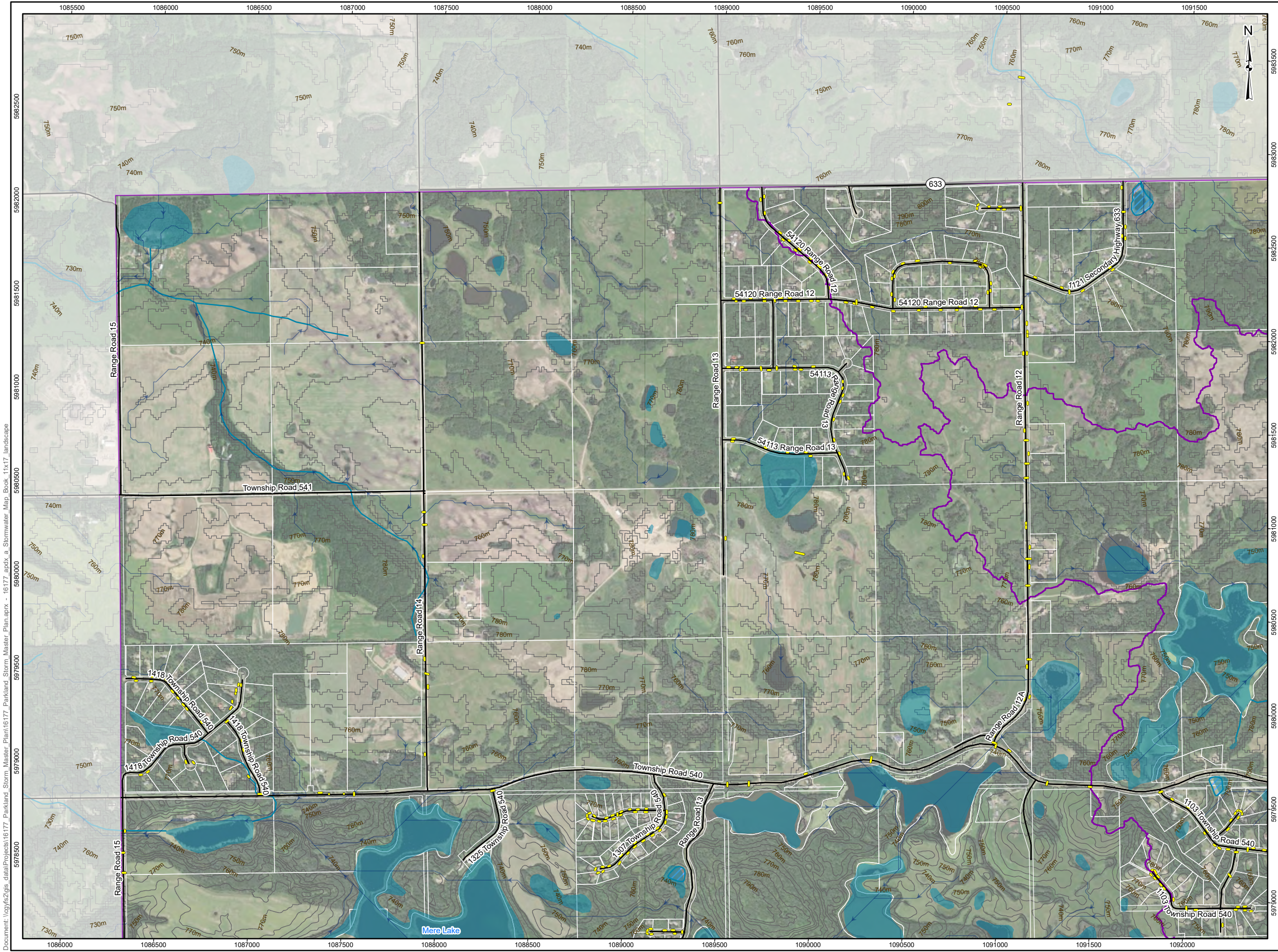
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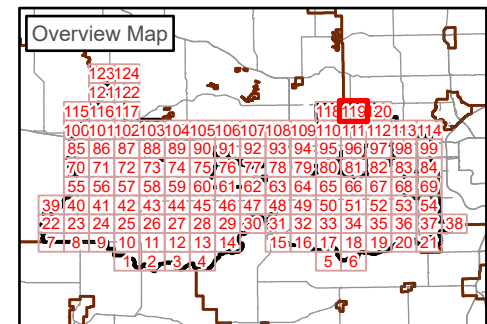
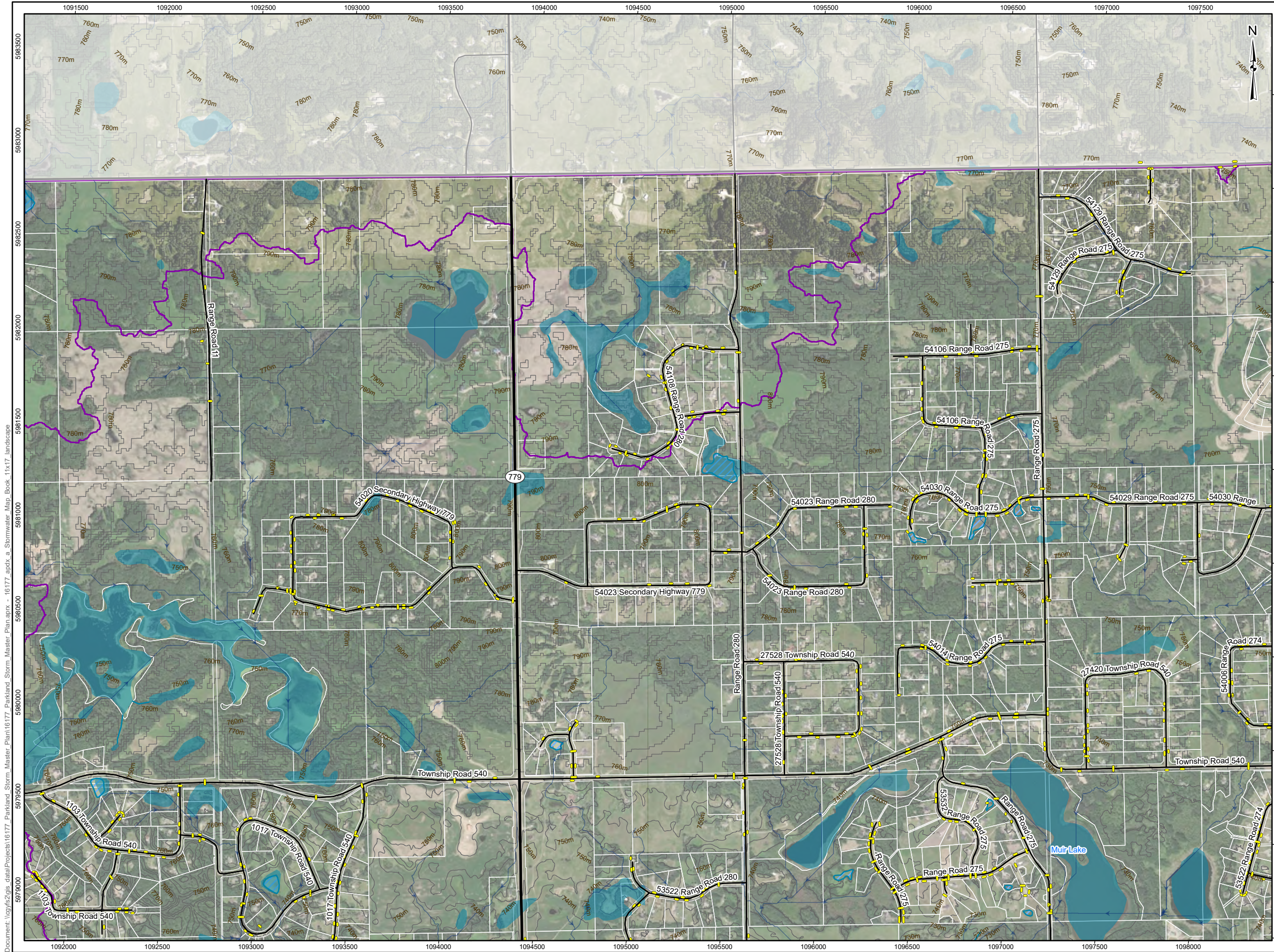
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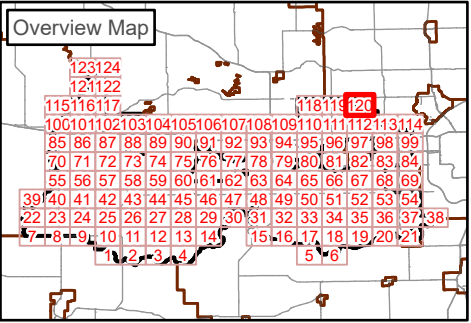
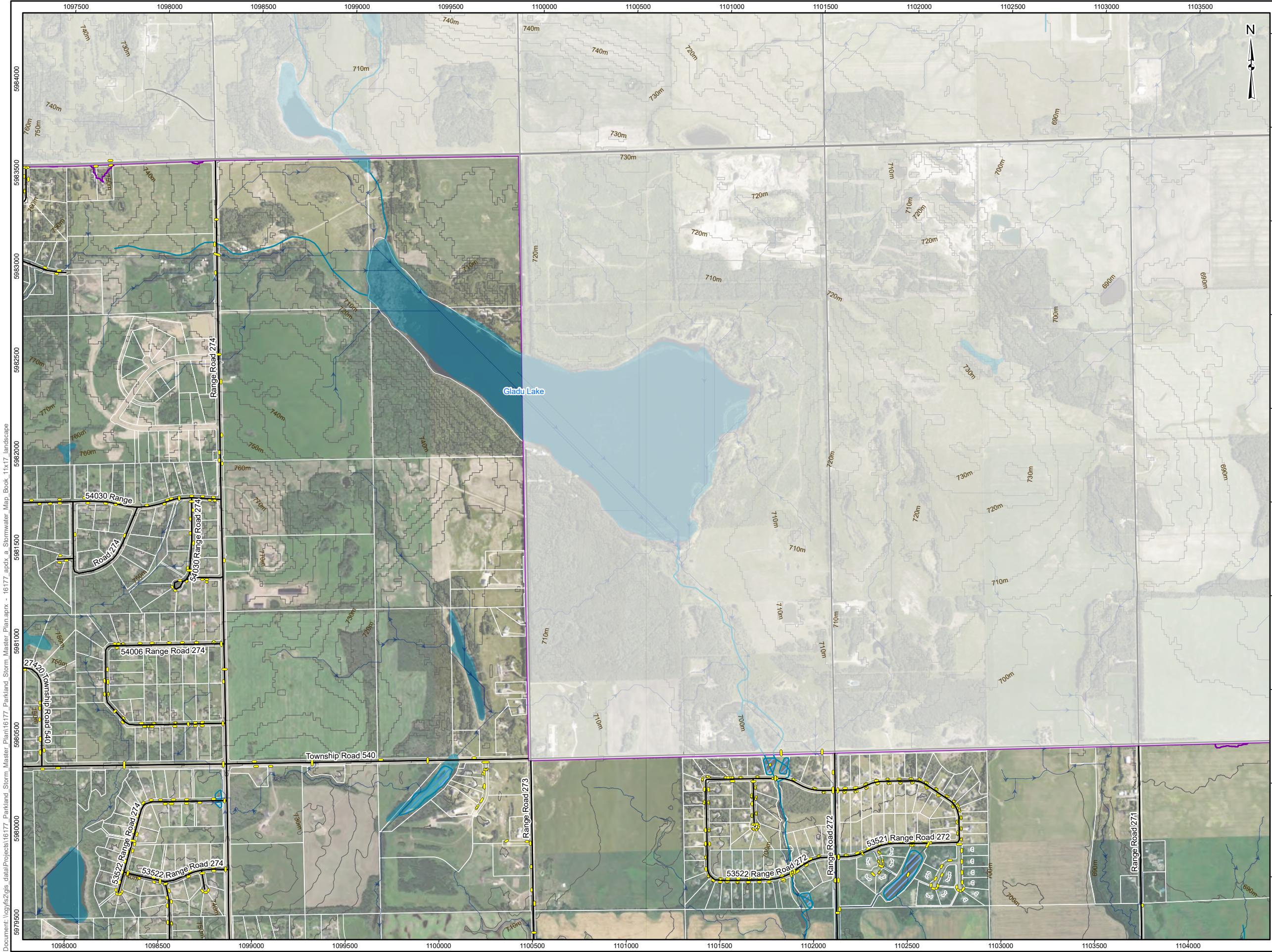
DATA SOURCES
- Topographic Map: Sturgeon County, Earthstar Geographics, IHS, Government of Canada

PROJECTION
NAD 1983 CSRS 10TM AEP Resource

0 250 500
1:20,000 Meters



FIGURE 119 of 124
DATE 2023-05-25
PROJECT NO. 16177
AUTHOR TDaSilva



- LEGEND
- Road
 - Culvert
 - Modelled Drainage Path
 - Contour (5m)
 - Watercourse
 - Waterbody
 - Existing Stormwater Management Facility
 - Sub-Watershed
 - Parcels

TITLE
STORMWATER MAP BOOK
PAGE 120 OF 124

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: Sturgeon County, Earthstar Geographics, IHS, Government of Canada

PROJECTION
NAD 1983 CSRS 10TM AEP Resource

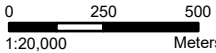
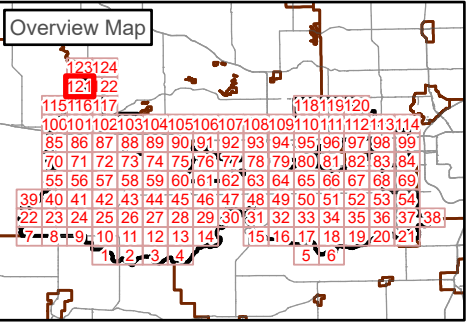


FIGURE	120 of 124
DATE	2023-05-25
PROJECT NO.	16177
AUTHOR	TDaSilva

Document: \\g:\p2\gis_data\Projects\16177_Parkland_Storm_Master_Plan\16177_Parkland_Storm_Master_Plan.aprx - 16177.aprx a Stormwater Map Book - 1x17 landscape



LEGEND

- Bridge
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STORMWATER MAP BOOK
PAGE 121 OF 124

PROJECT
PARKLAND STORMWATER MASTER PLAN

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

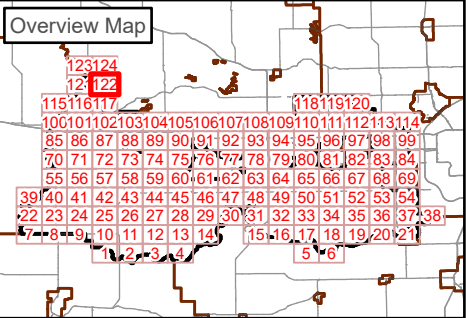
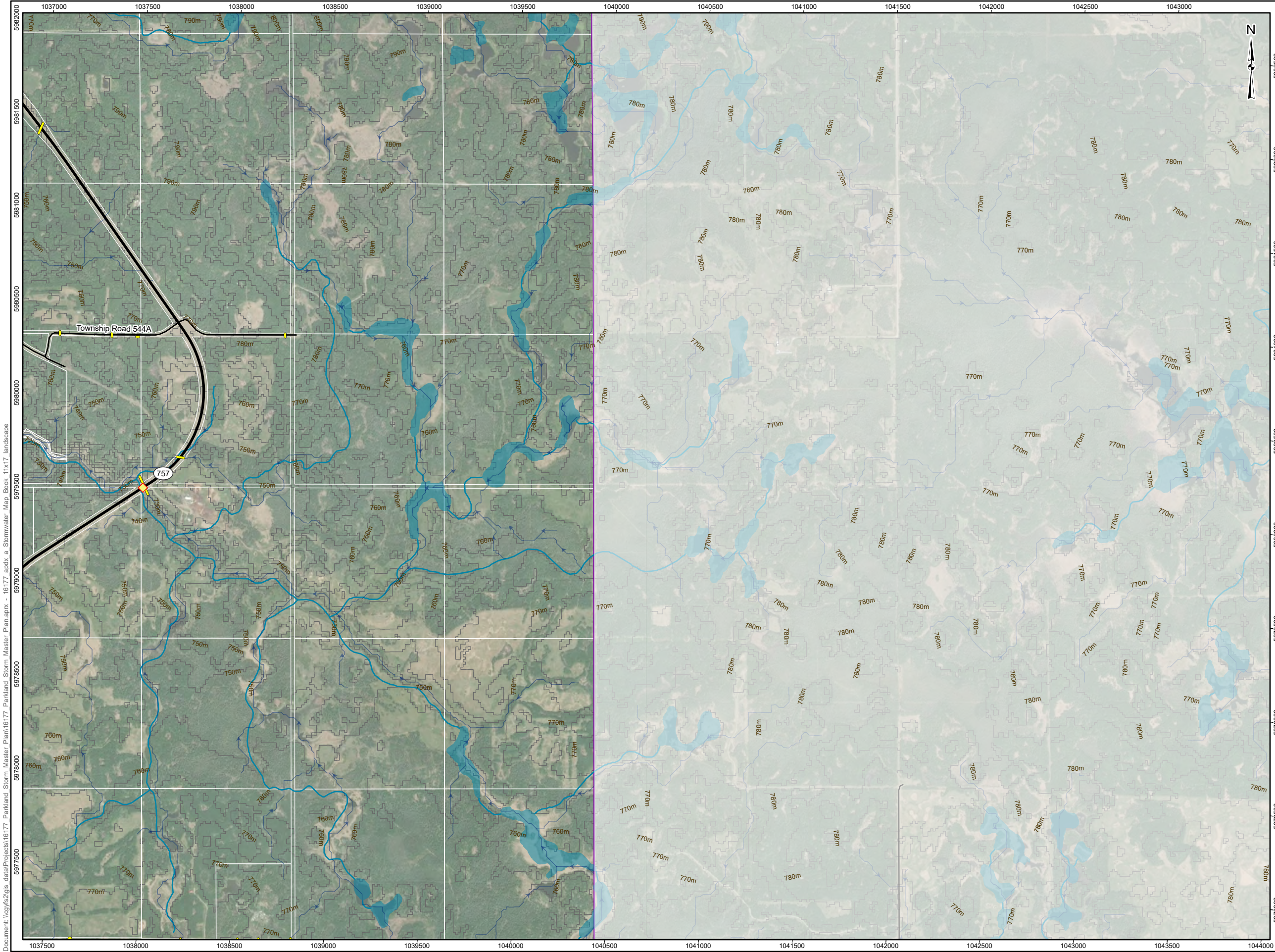
DATA SOURCES
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PROJECTION
NAD 1983 CSRS 10TM AEP Resource

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FIGURE 121 of 124
DATE 2023-05-25
PROJECT NO. 16177
AUTHOR TDaSilva



LEGEND

- Bridge
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PROJECT
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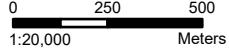
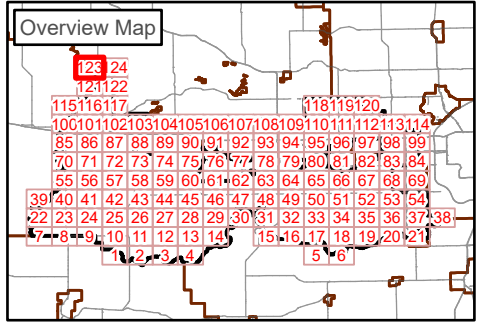


	FIGURE	122 of 124
	DATE	2023-05-25
	PROJECT NO.	16177
	AUTHOR	TDaSilva



LEGEND

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STORMWATER MAP BOOK
PAGE 123 OF 124

PROJECT
PARKLAND STORMWATER MASTER PLAN

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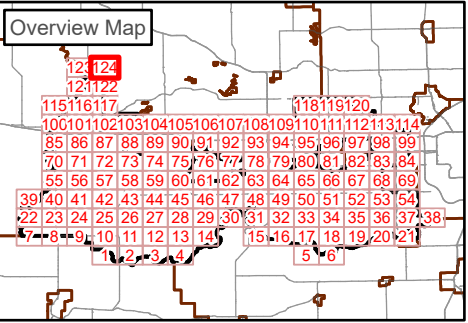
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PROJECTION
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FIGURE	123 of 124
DATE	2023-05-25
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STORMWATER MAP BOOK
PAGE 124 OF 124

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FIGURE	124 of 124
DATE	2023-05-25
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