

Appendix A

Detailed Route Maps

The following Detailed Route Maps are provided: 1) 1:24,000 Topographic Maps; 2) 1:12,000 Aerial Survey Maps; and 3) 1:12,000 Aerial Soils Maps. These maps update the Route Maps that were submitted as Appendix B of Enbridge Energy, Limited Partnership Application for a Pipeline Routing Permit on April 24, 2015.

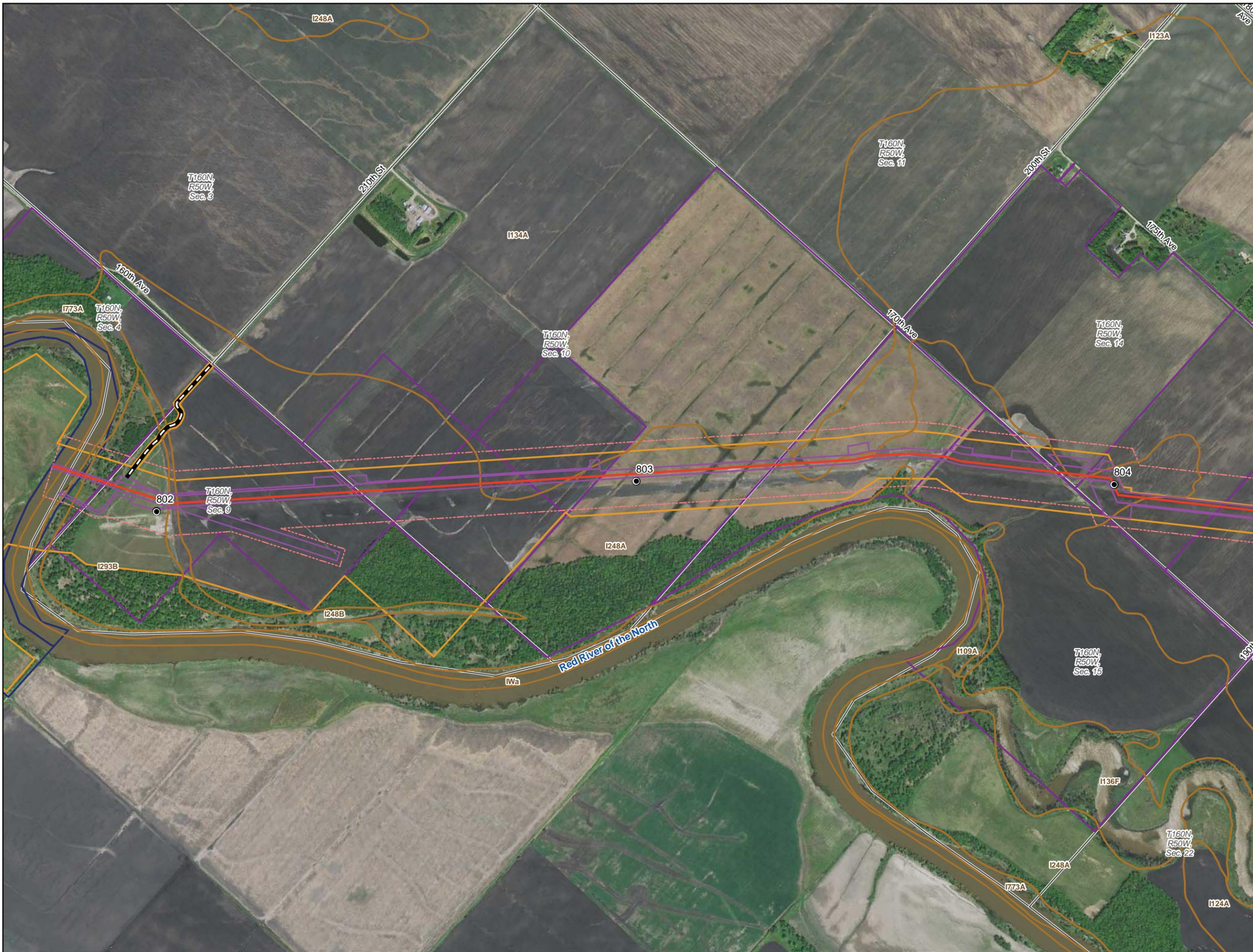


ENBRIDGE ENERGY, LIMITED PARTNERSHIP
LINE 3 REPLACEMENT PROJECT

APPENDIX A – DETAILED ROUTE MAPS

APRIL 2016

1:12,000 AERIAL SOILS MAPS



- Milepost
- L3R Centerline
- Sandpiper Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Pump Station - Disturbed Area
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1:12,000 Aerial Soils Maps

Kittson County, Minnesota

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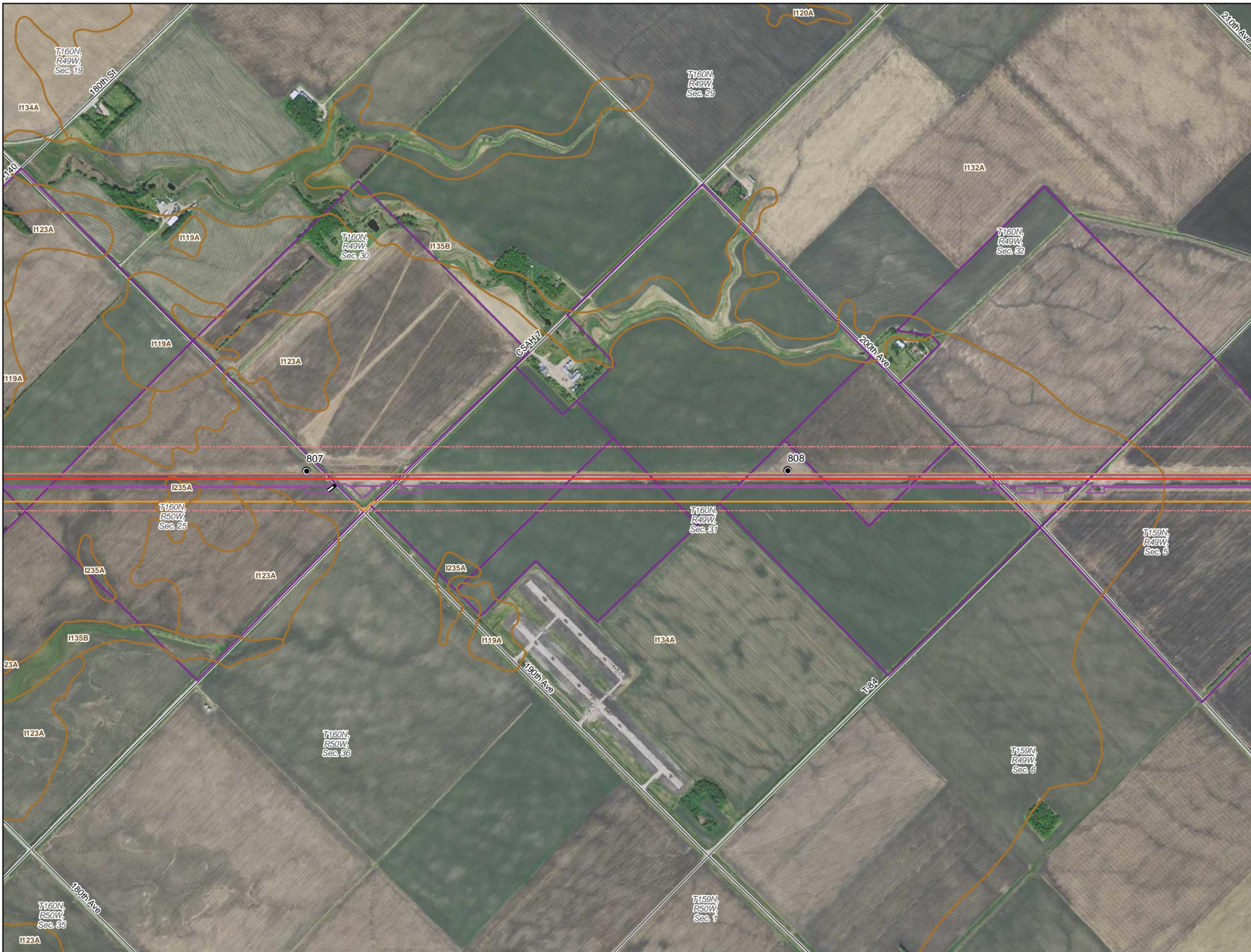
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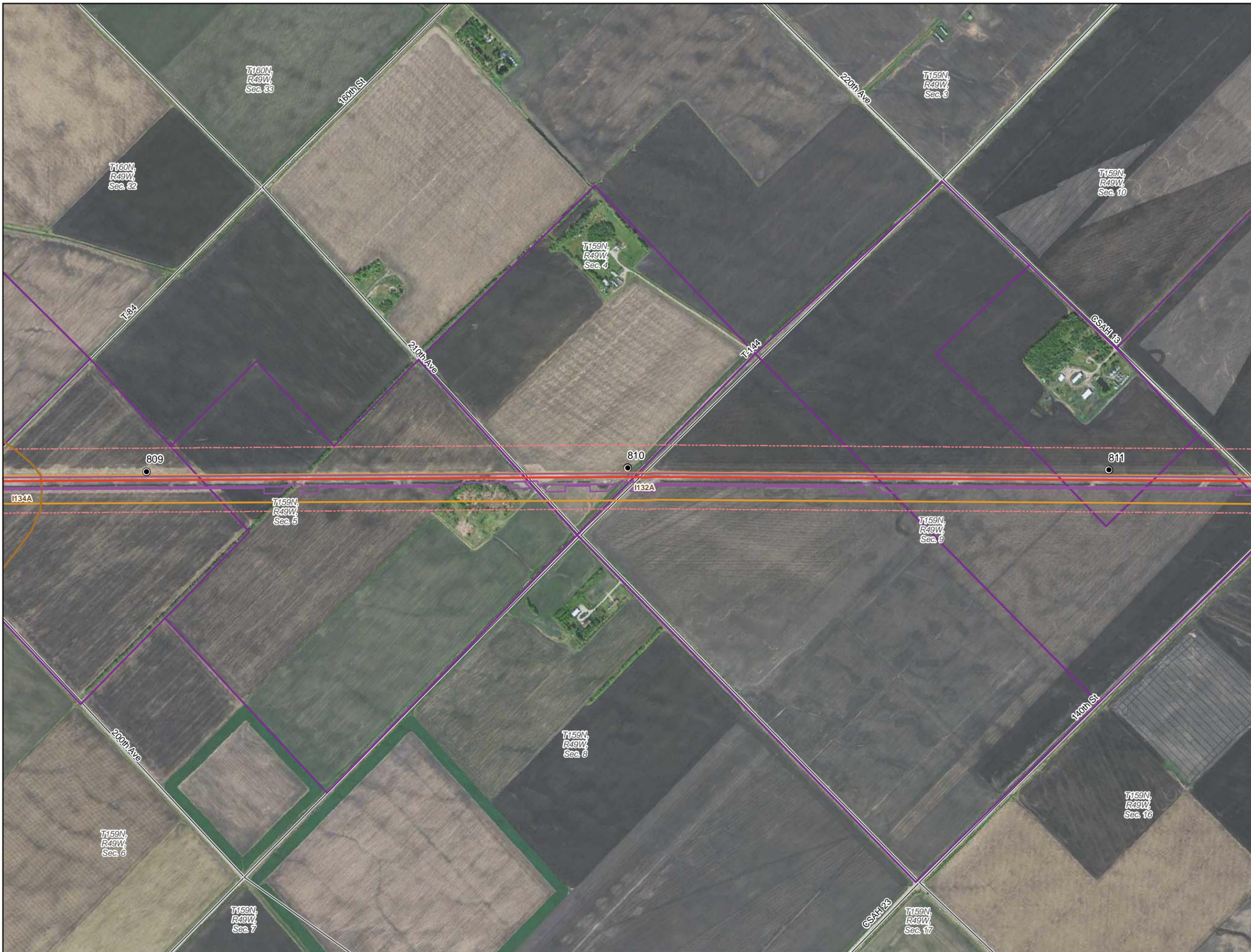
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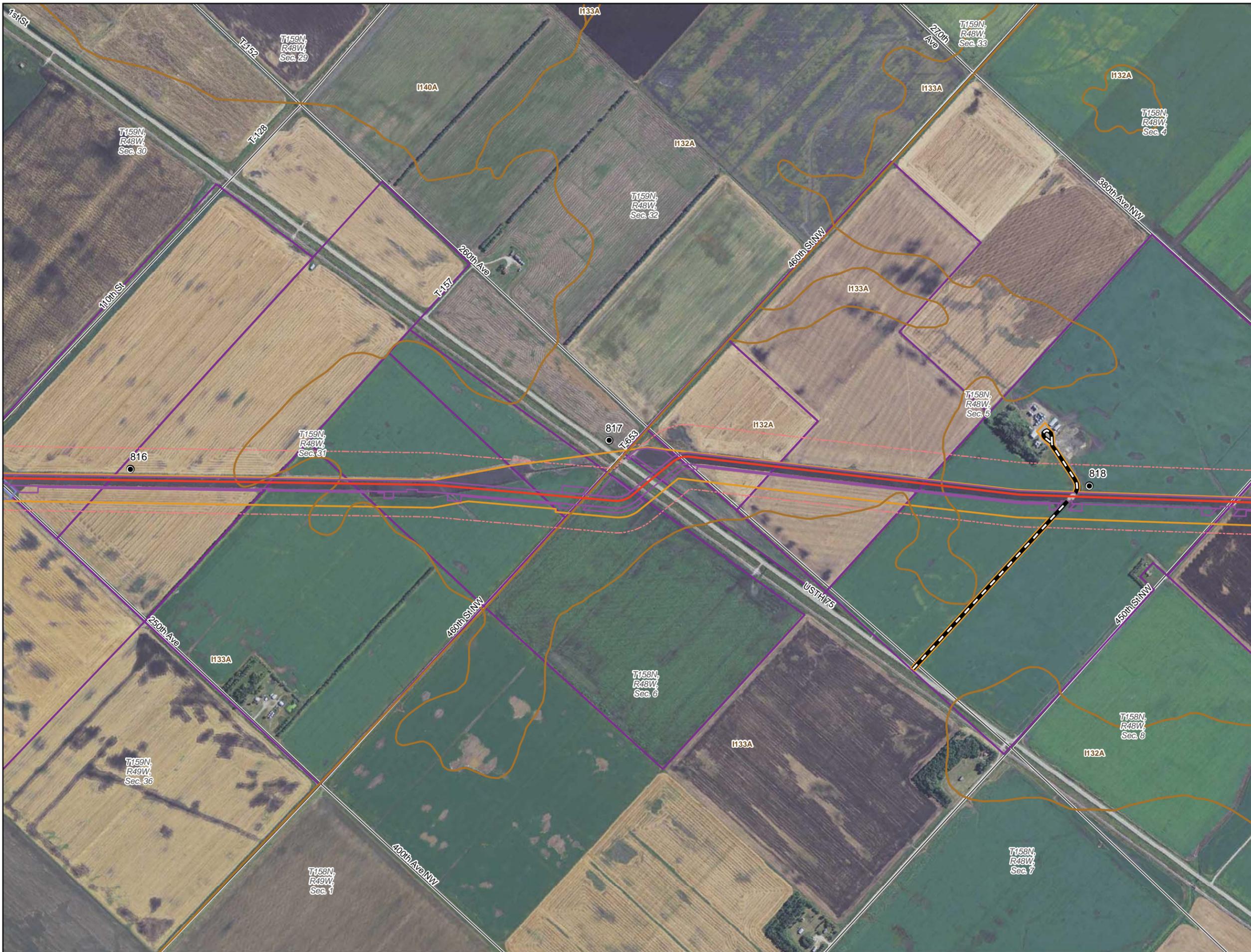
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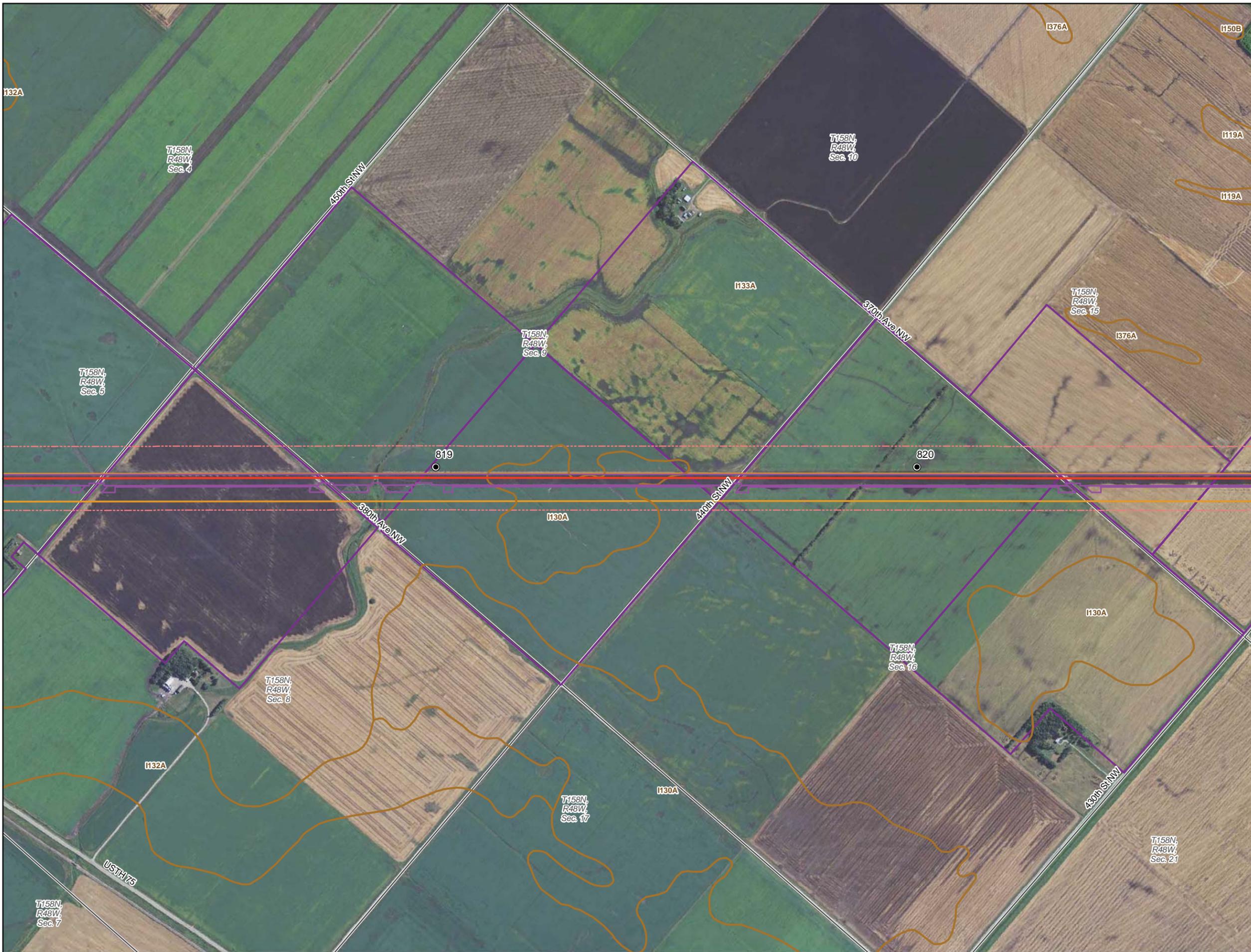
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Marshall County, Minnesota

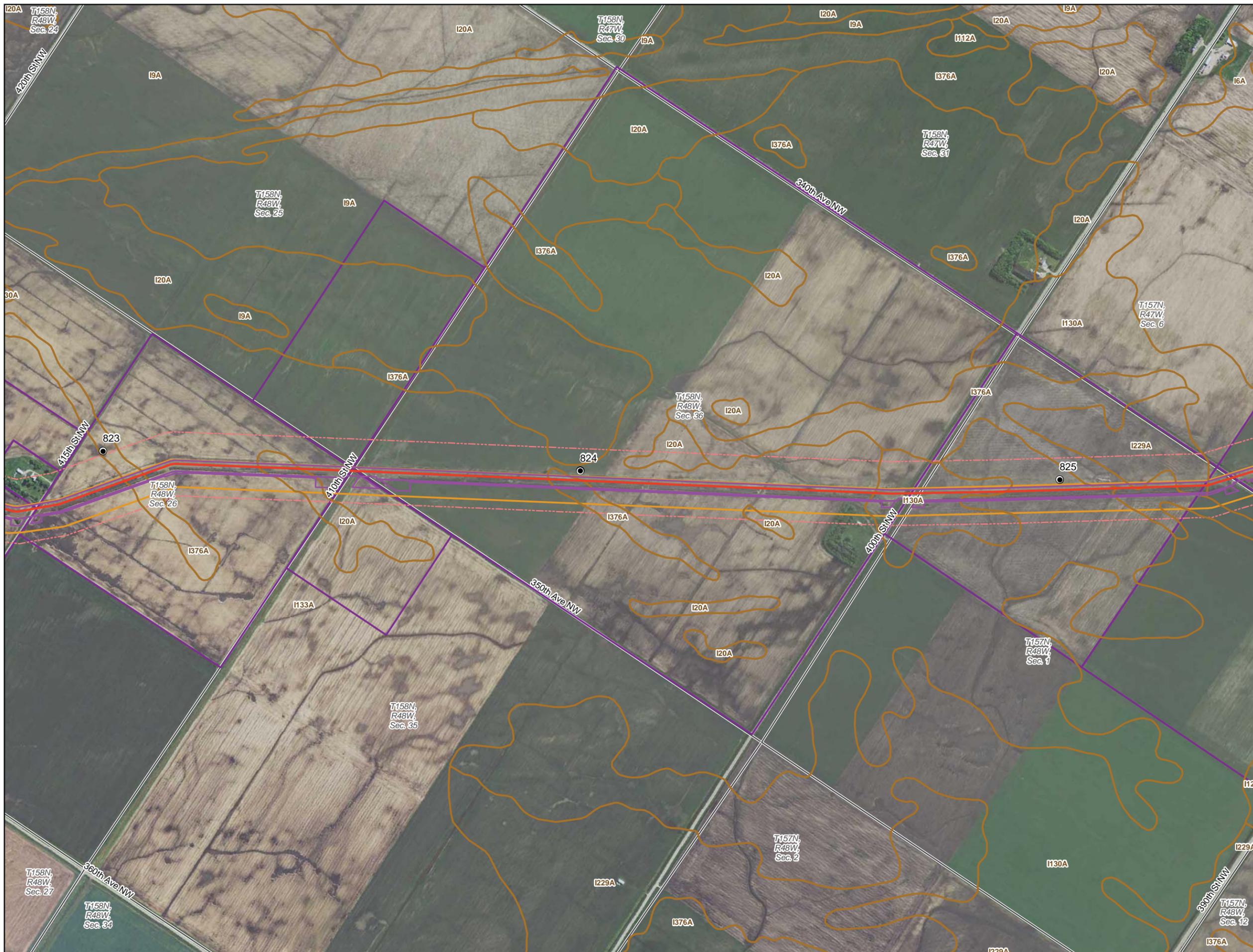
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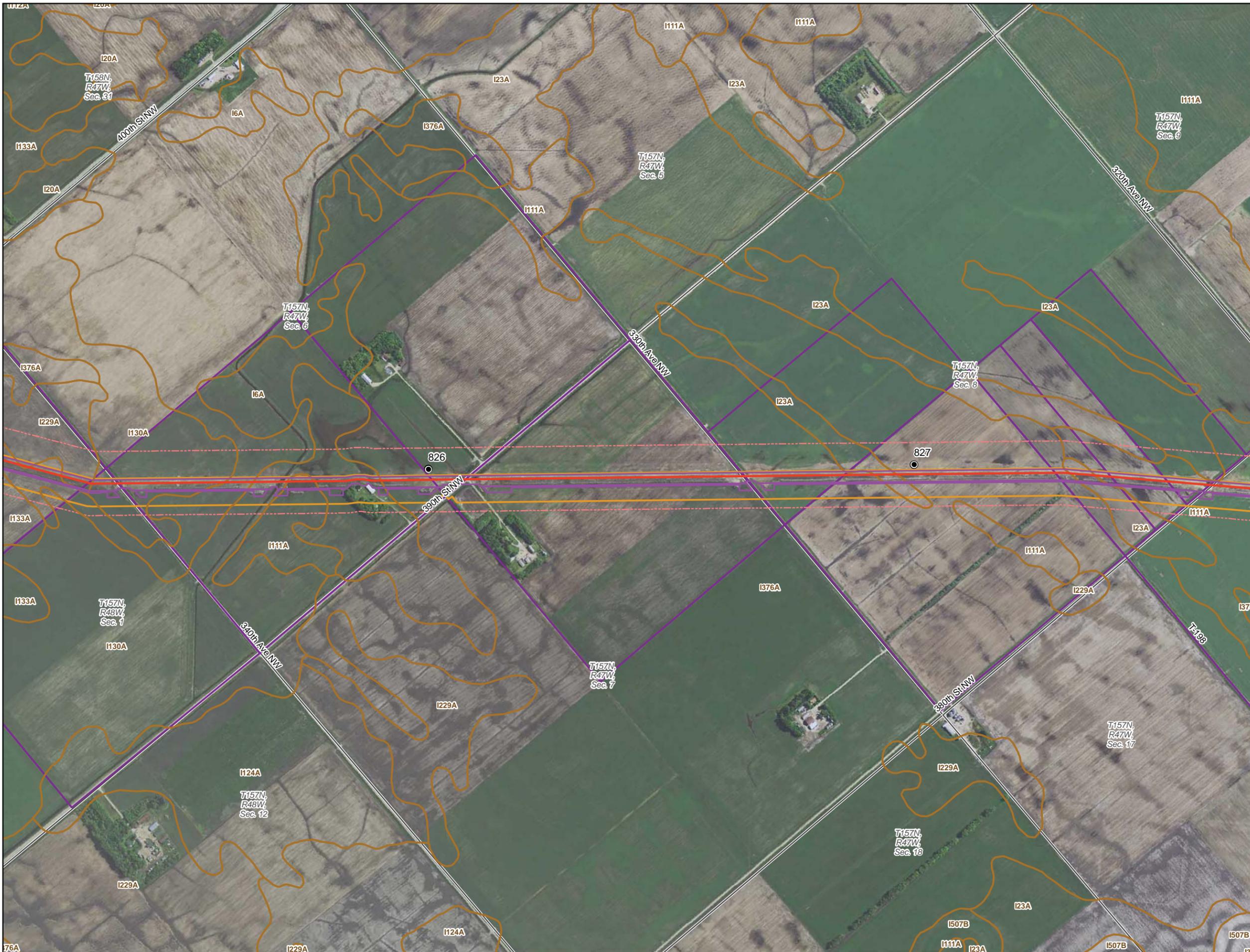
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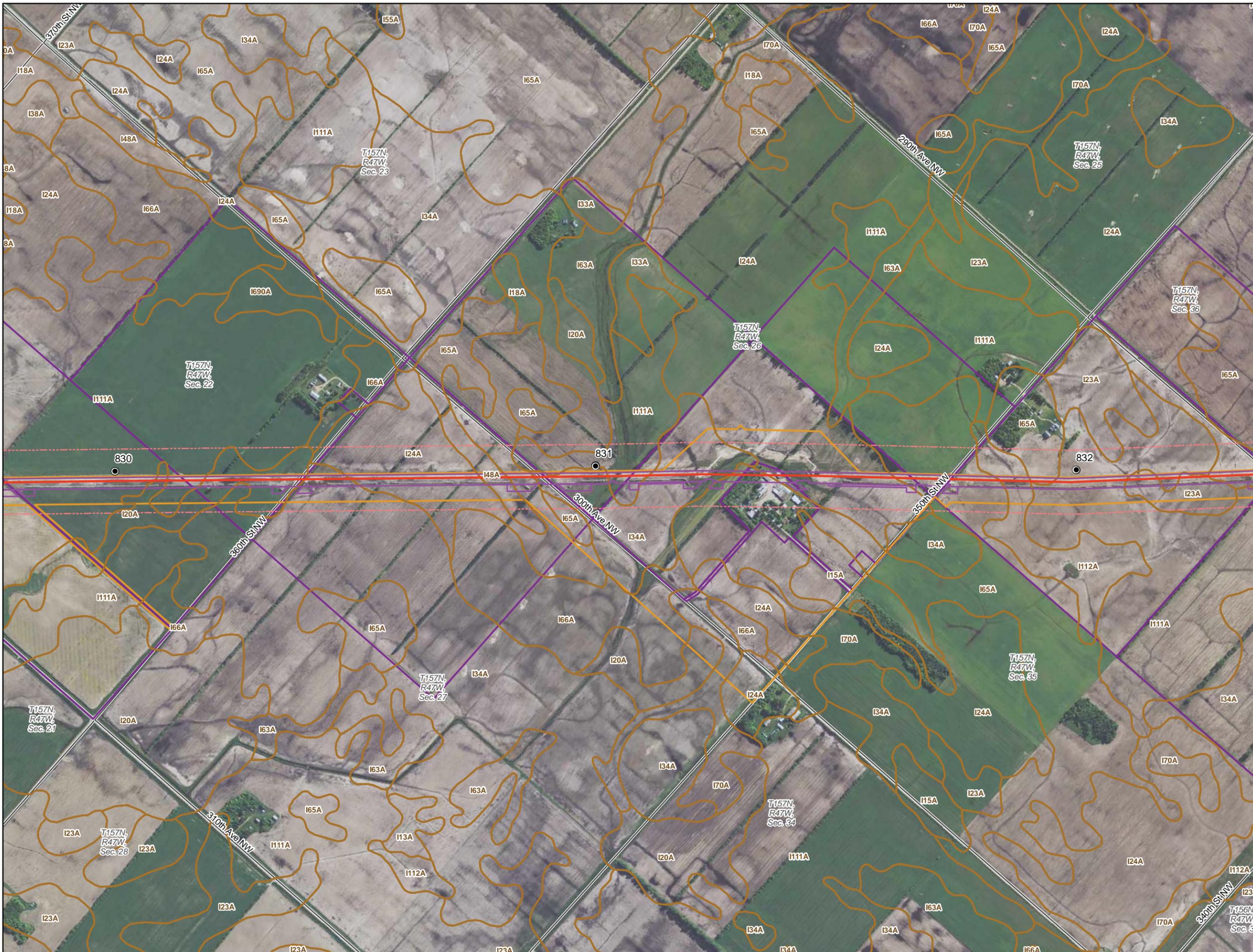
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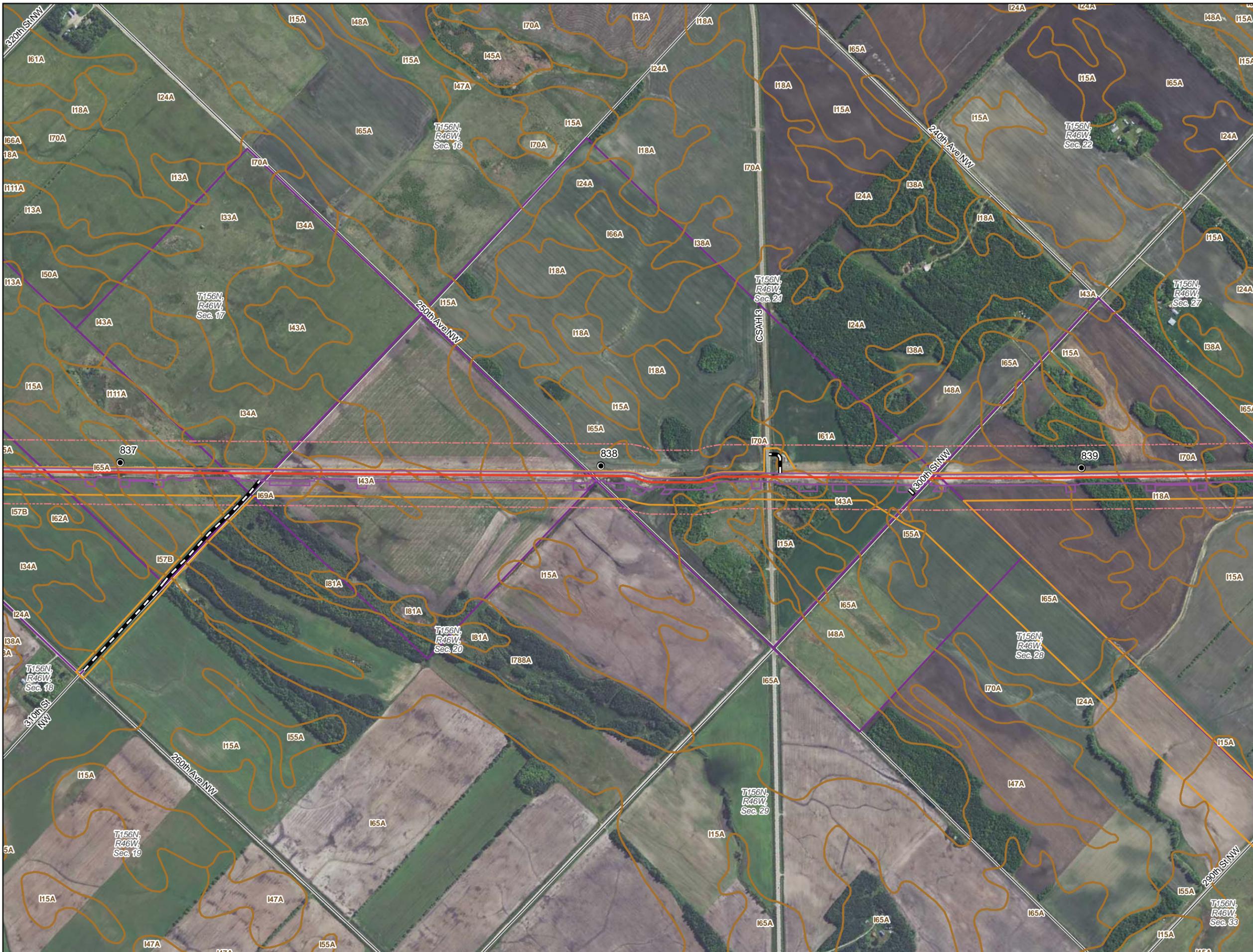
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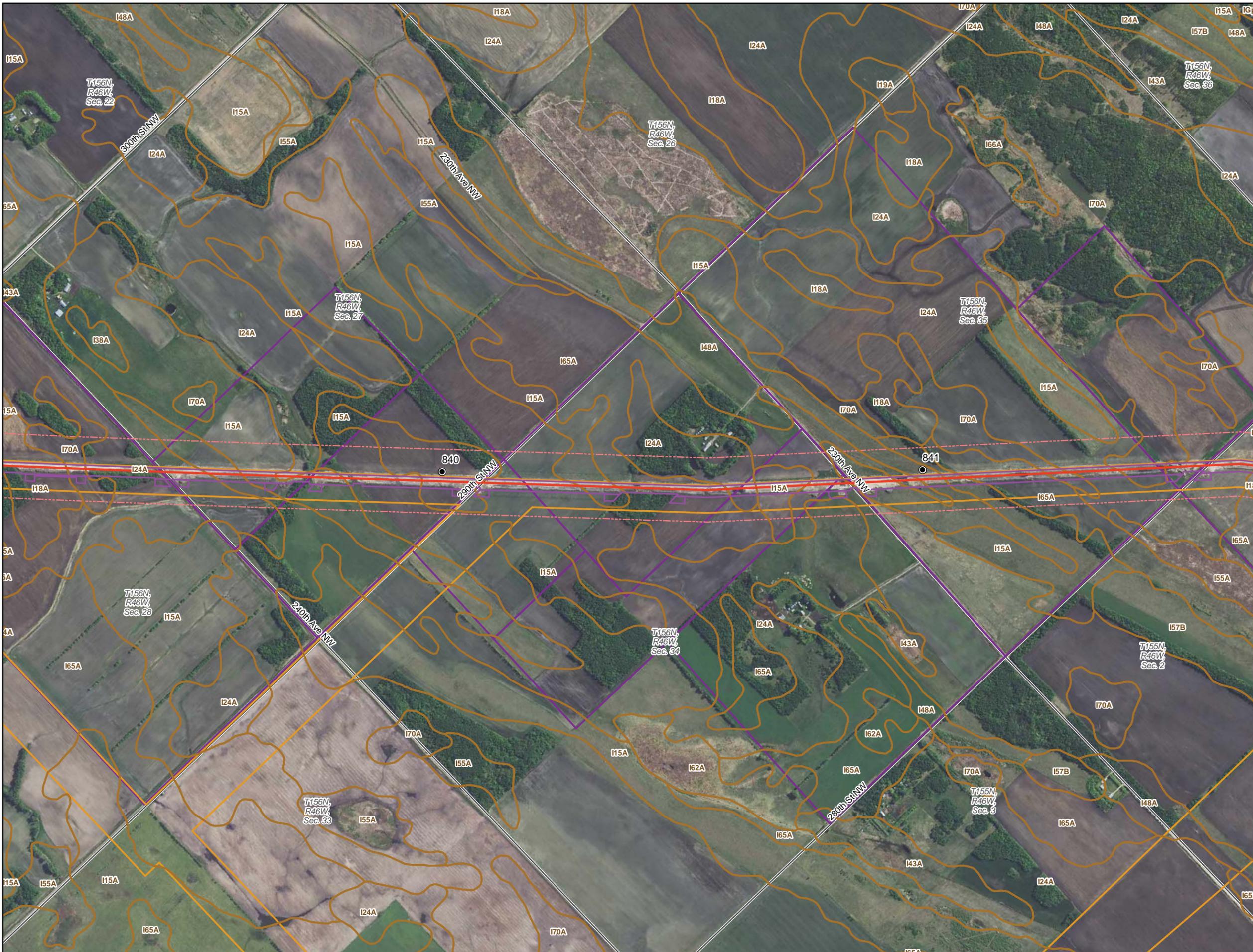
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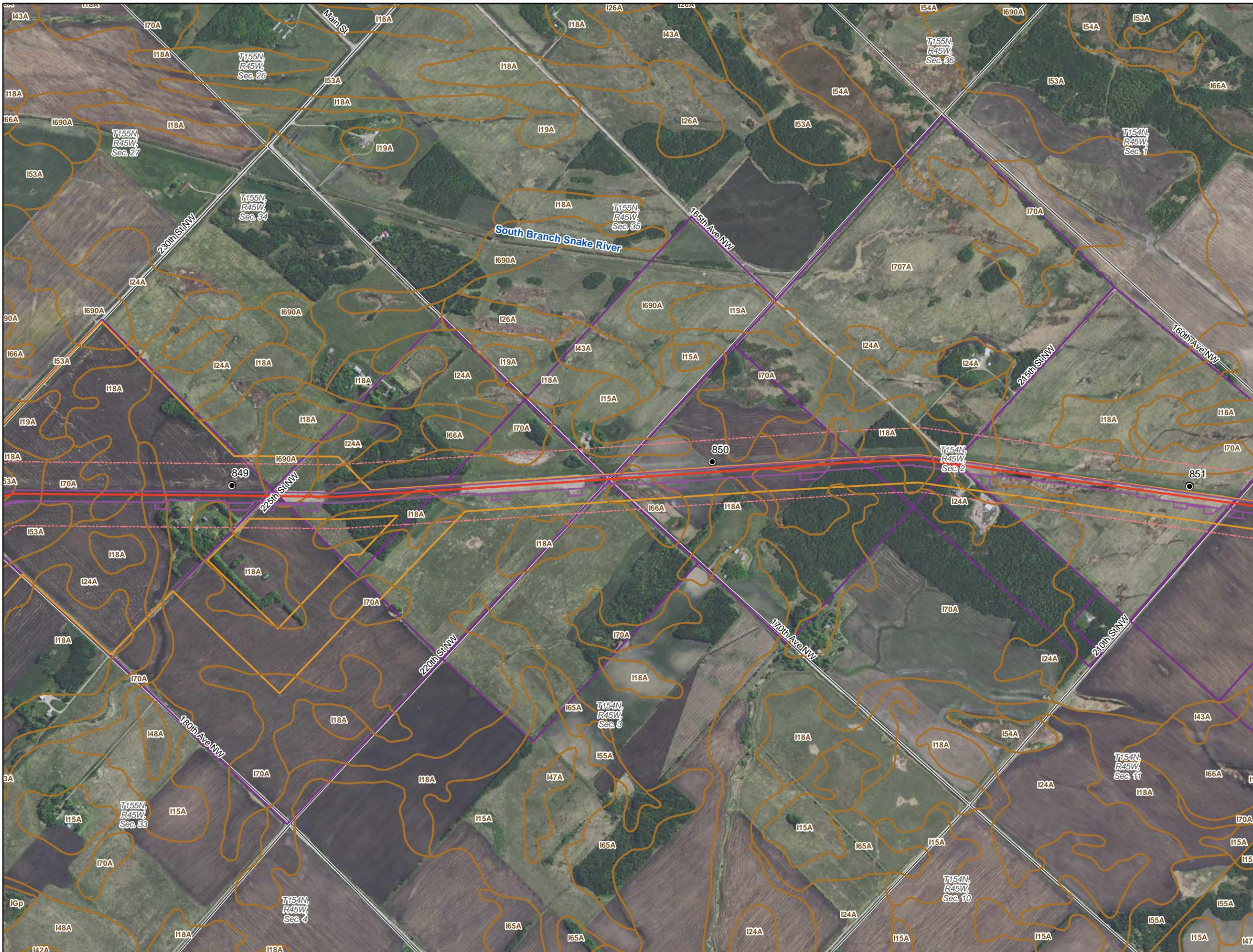
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