

## **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.

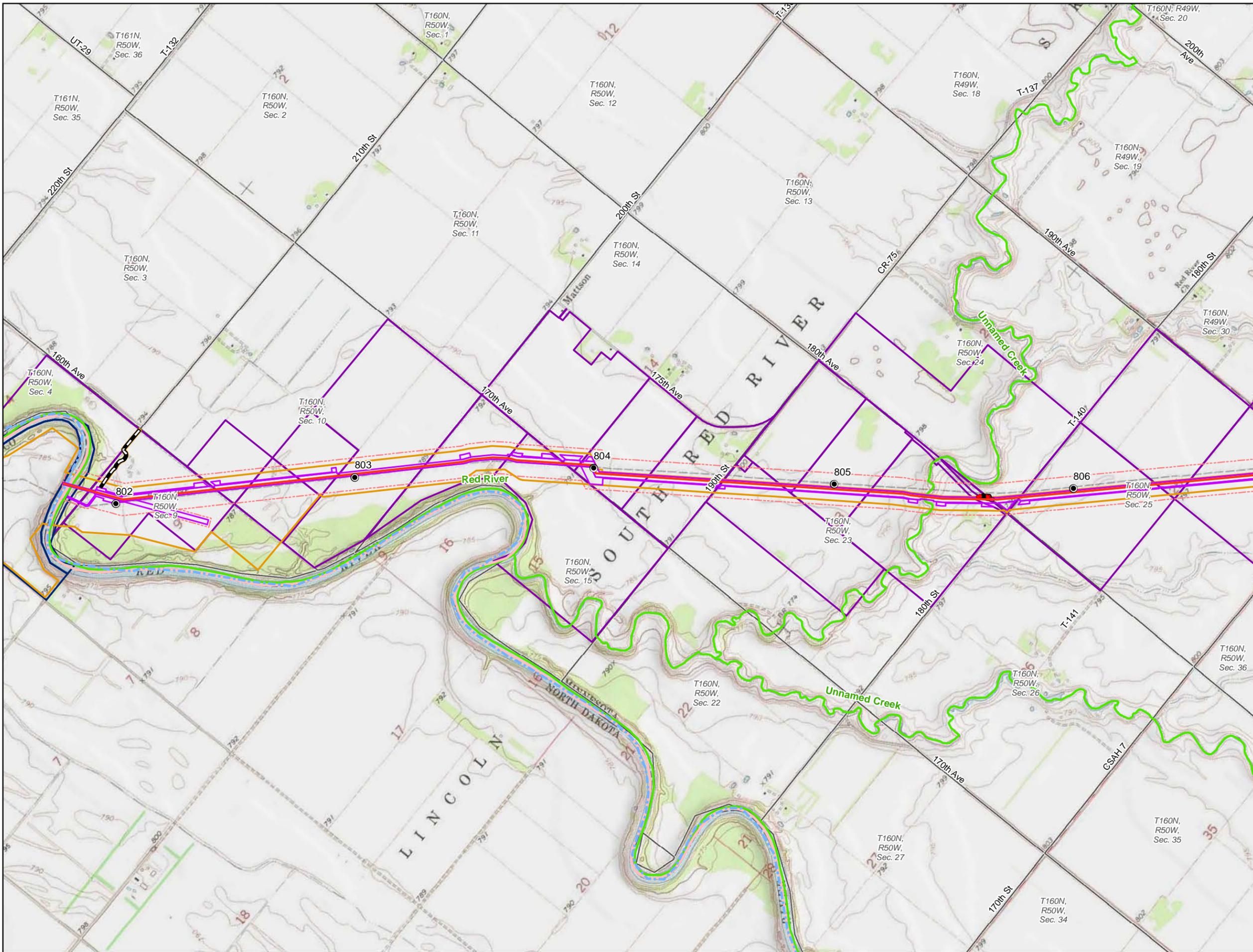


**ENBRIDGE ENERGY, LIMITED PARTNERSHIP**  
**LINE 3 REPLACEMENT PROJECT**

**APPENDIX A – DETAILED ROUTE MAPS**

APRIL 2016

# **1:24,000 TOPOGRAPHIC MAPS**



- Milepost
- L3R Centerline
- - - Sandpiper Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Blasting Site
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- County Tax-Forfeit Land
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- State Land
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**Enbridge Energy,  
Limited Partnership**

**Line 3 Replacement Project**  
**1:24,000 Topographic Route Maps**

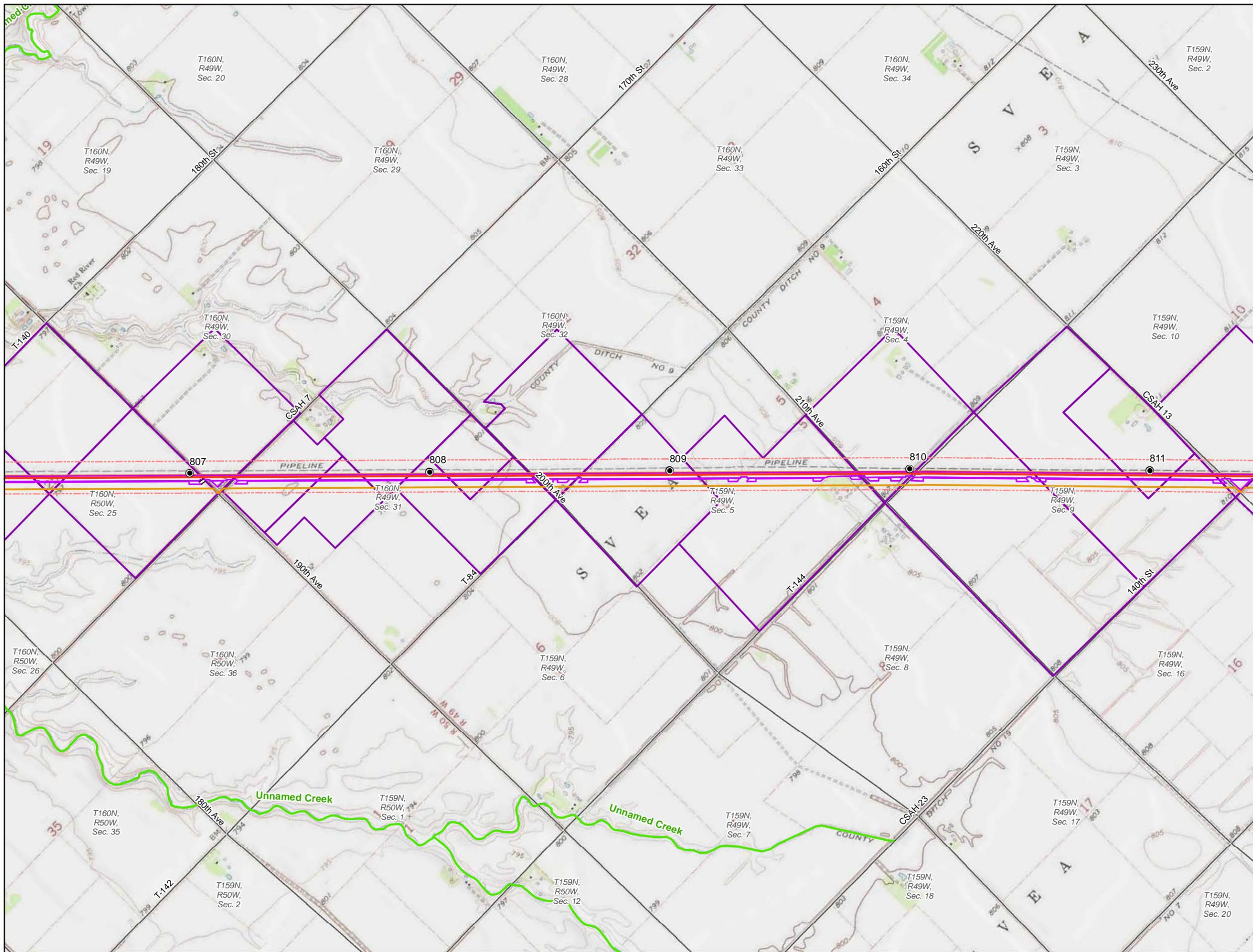
Kitson County, Minnesota

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**1:24,000 Topographic Route Maps**

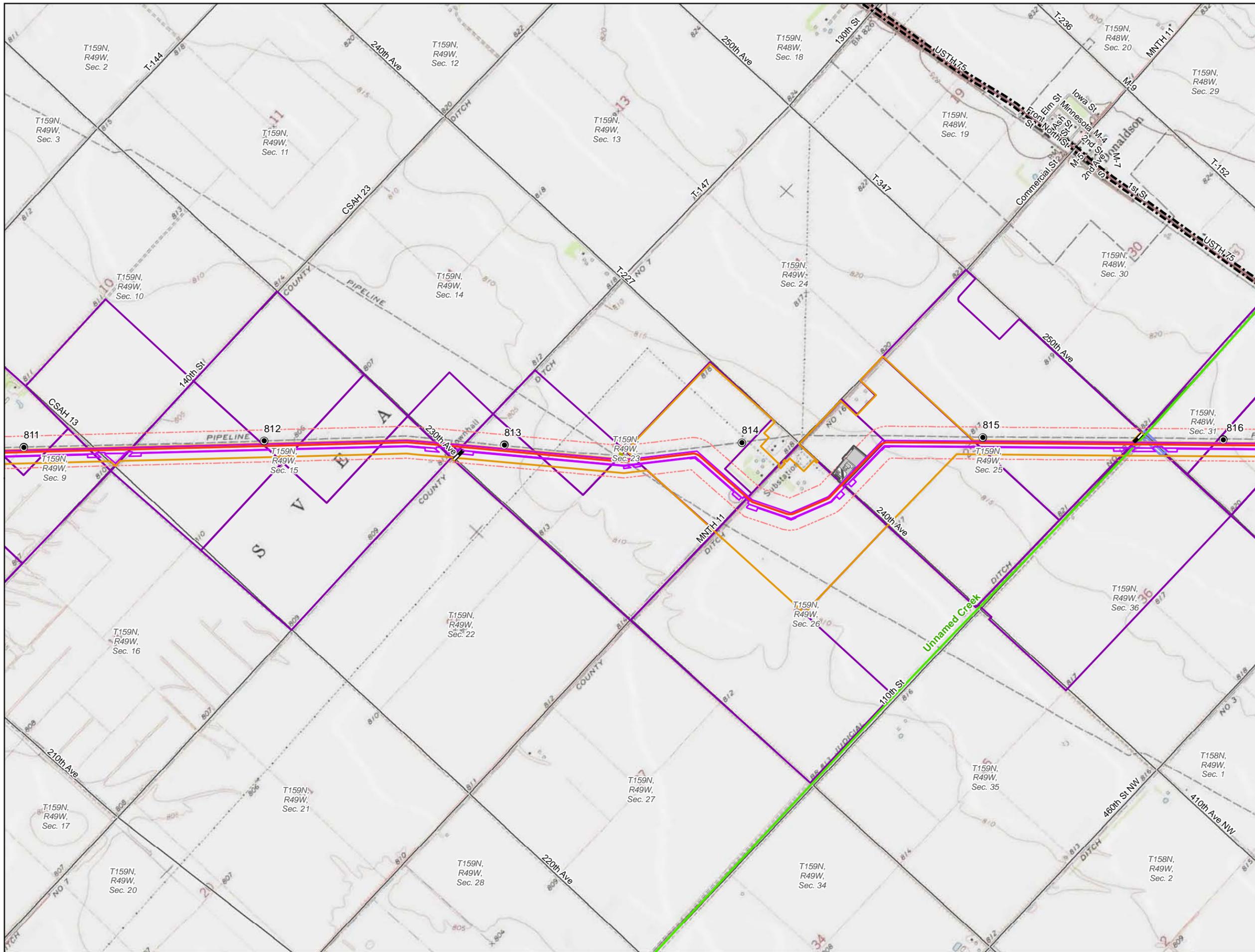
Kittson County, Minnesota

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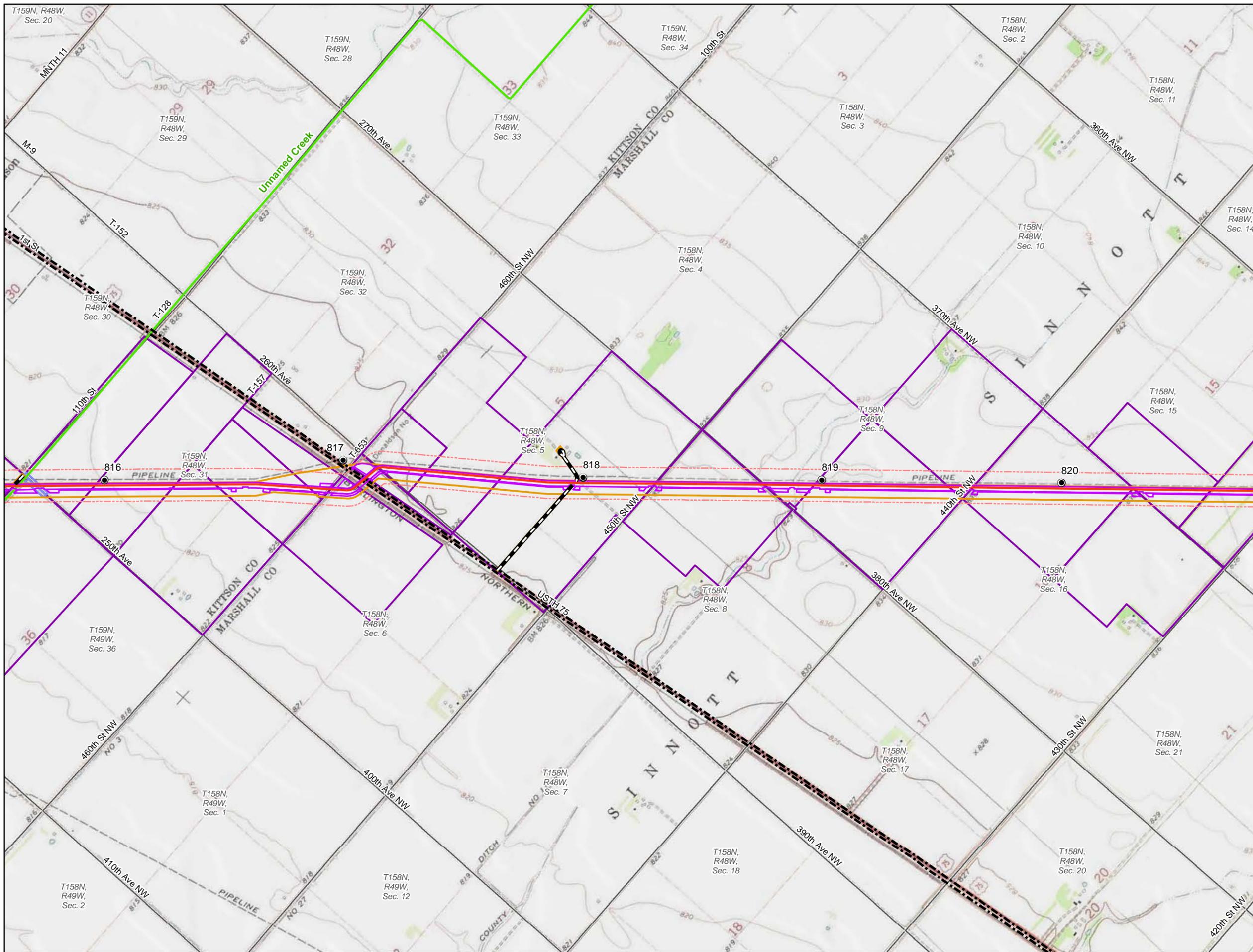
**Line 3 Replacement Project**  
**1:24,000 Topographic Route Maps**

**Kittson County, Minnesota**

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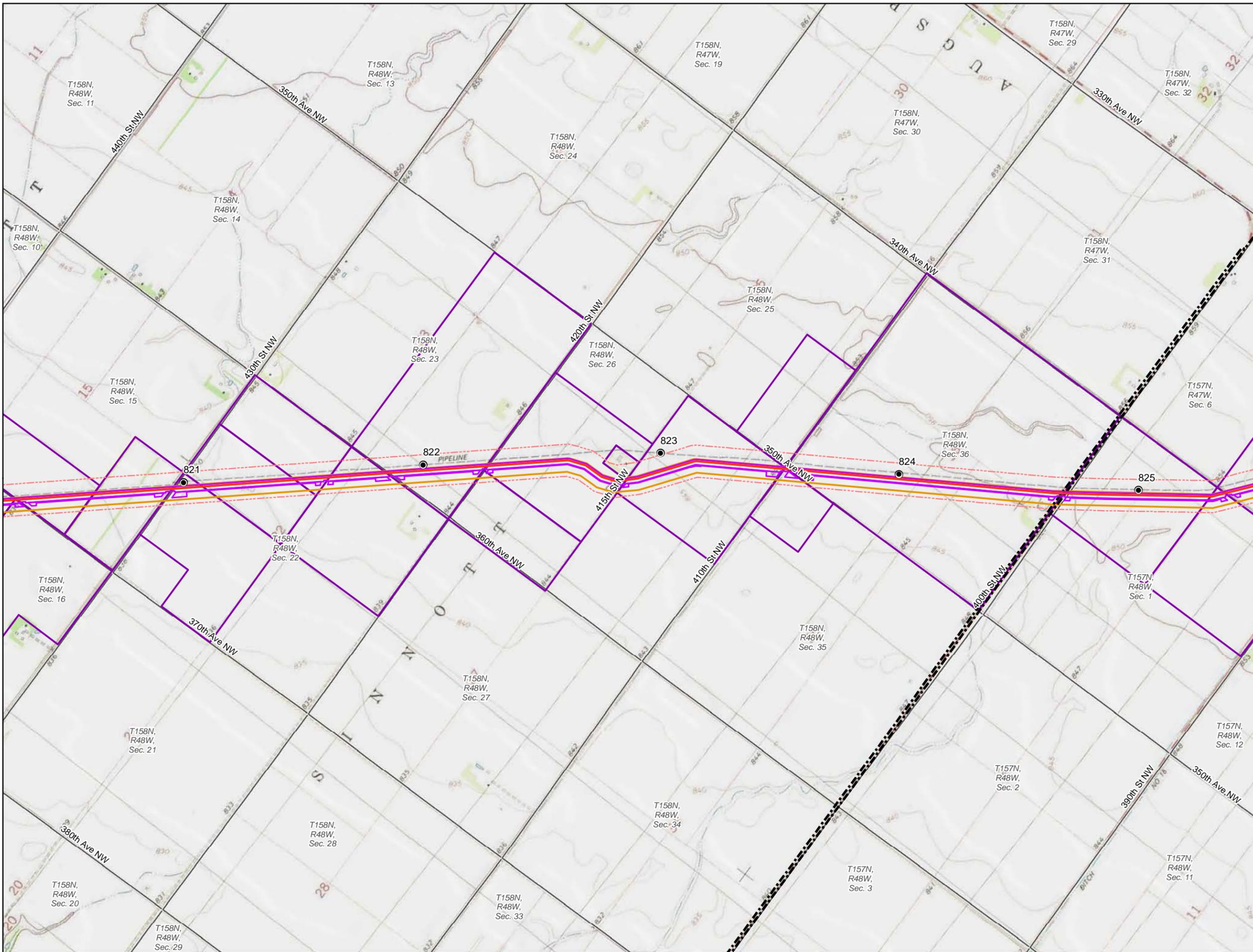
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**Kittson and Marshall Counties, Minnesota**

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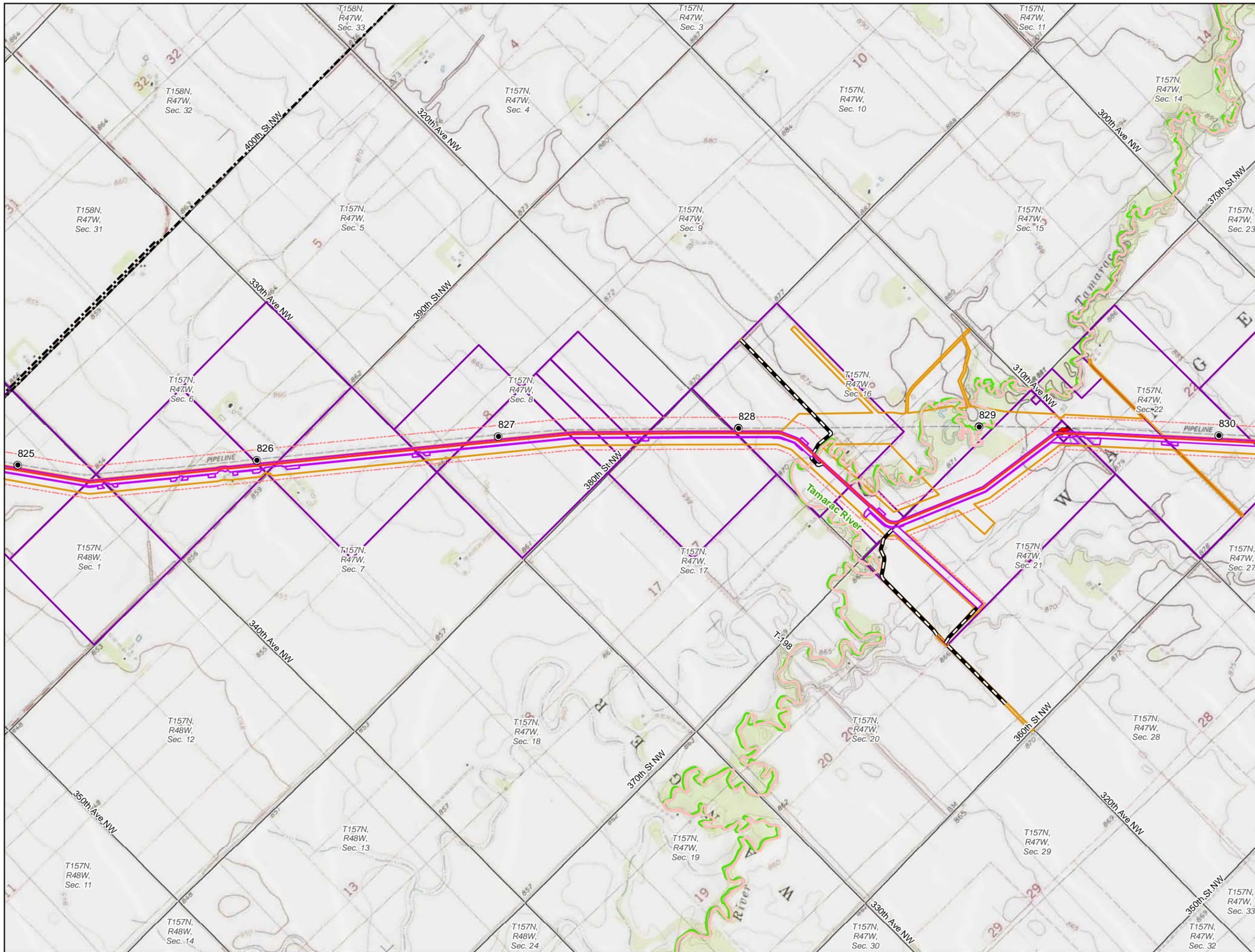
Marshall County, Minnesota

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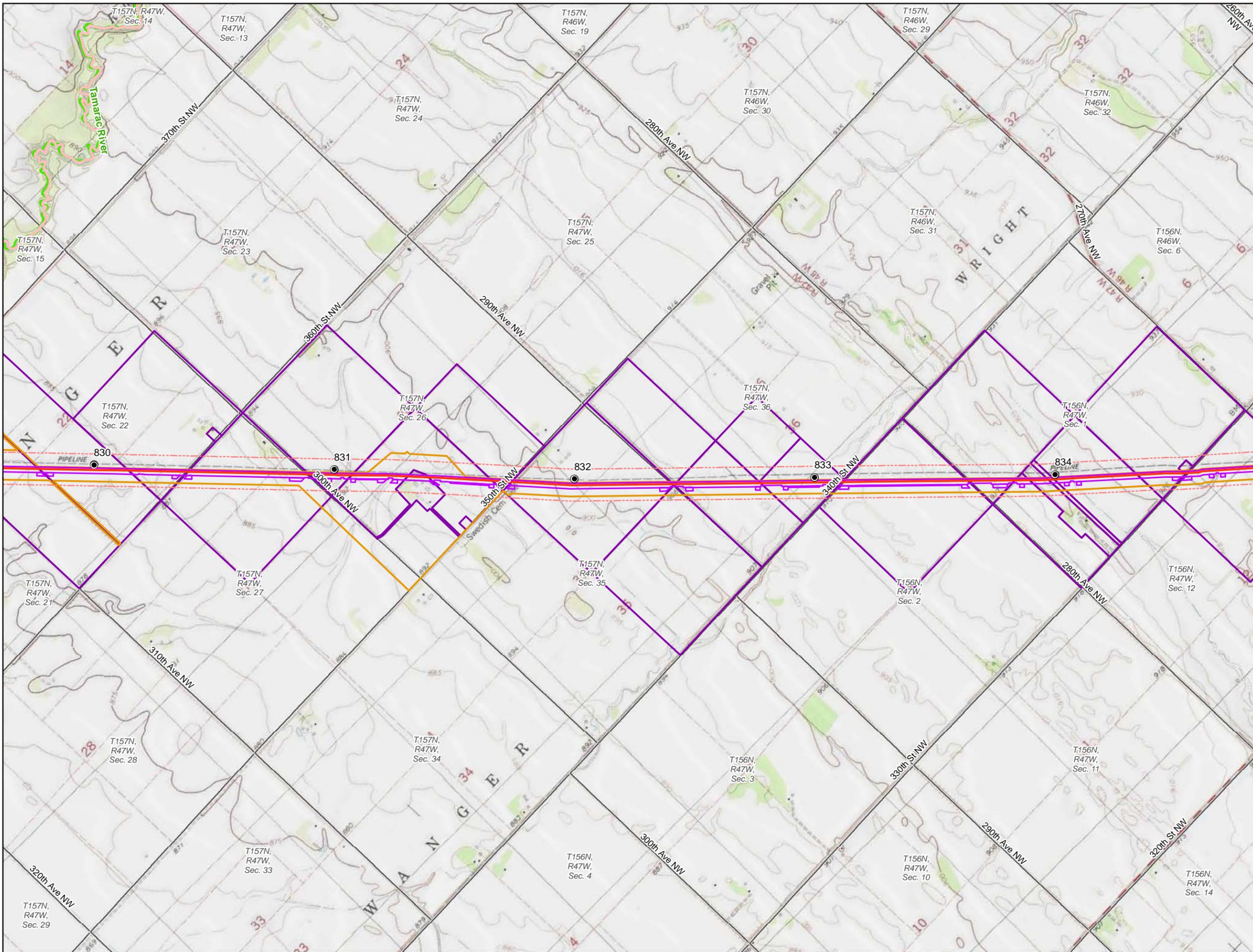
**Marshall County, Minnesota**

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**Marshall County, Minnesota**

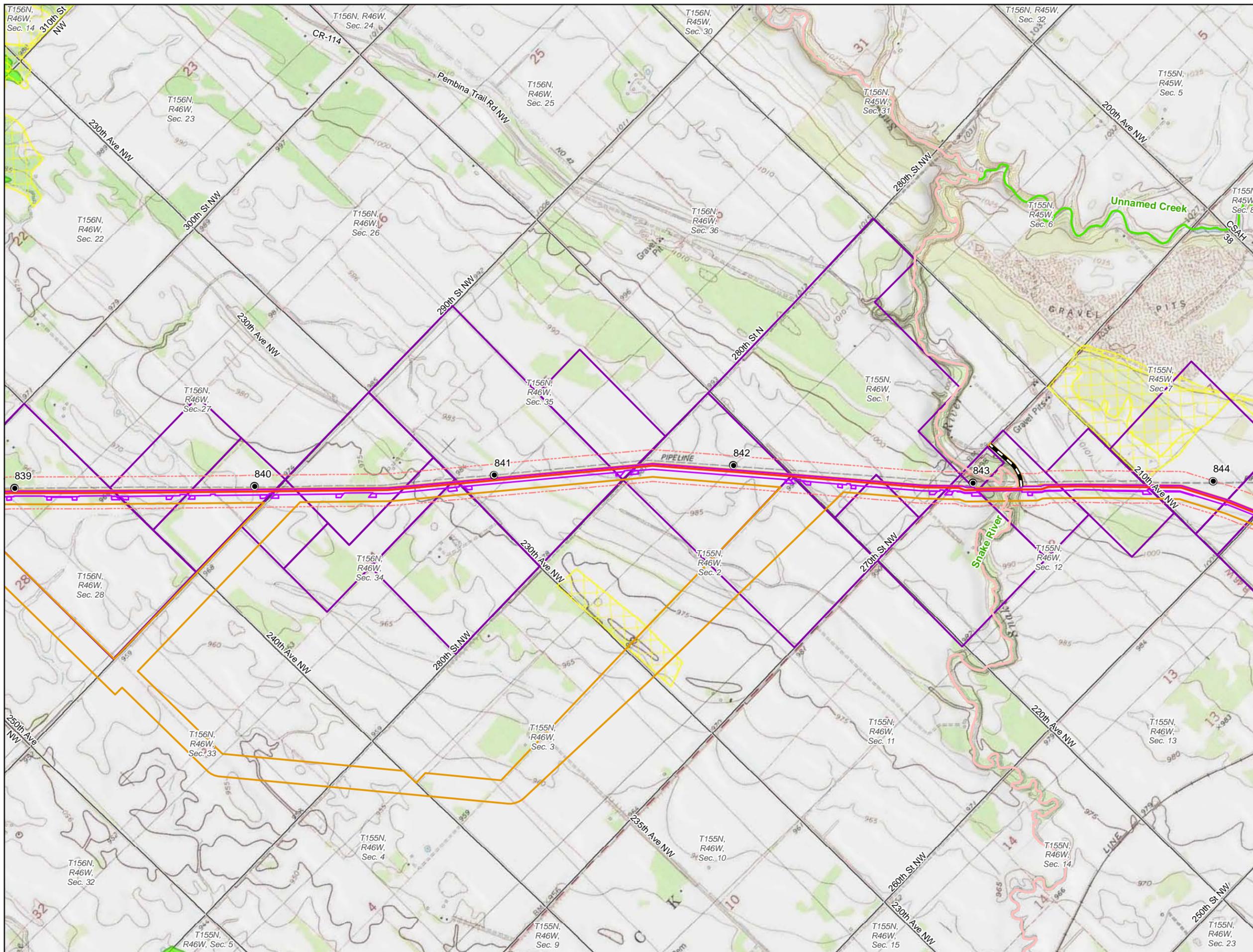
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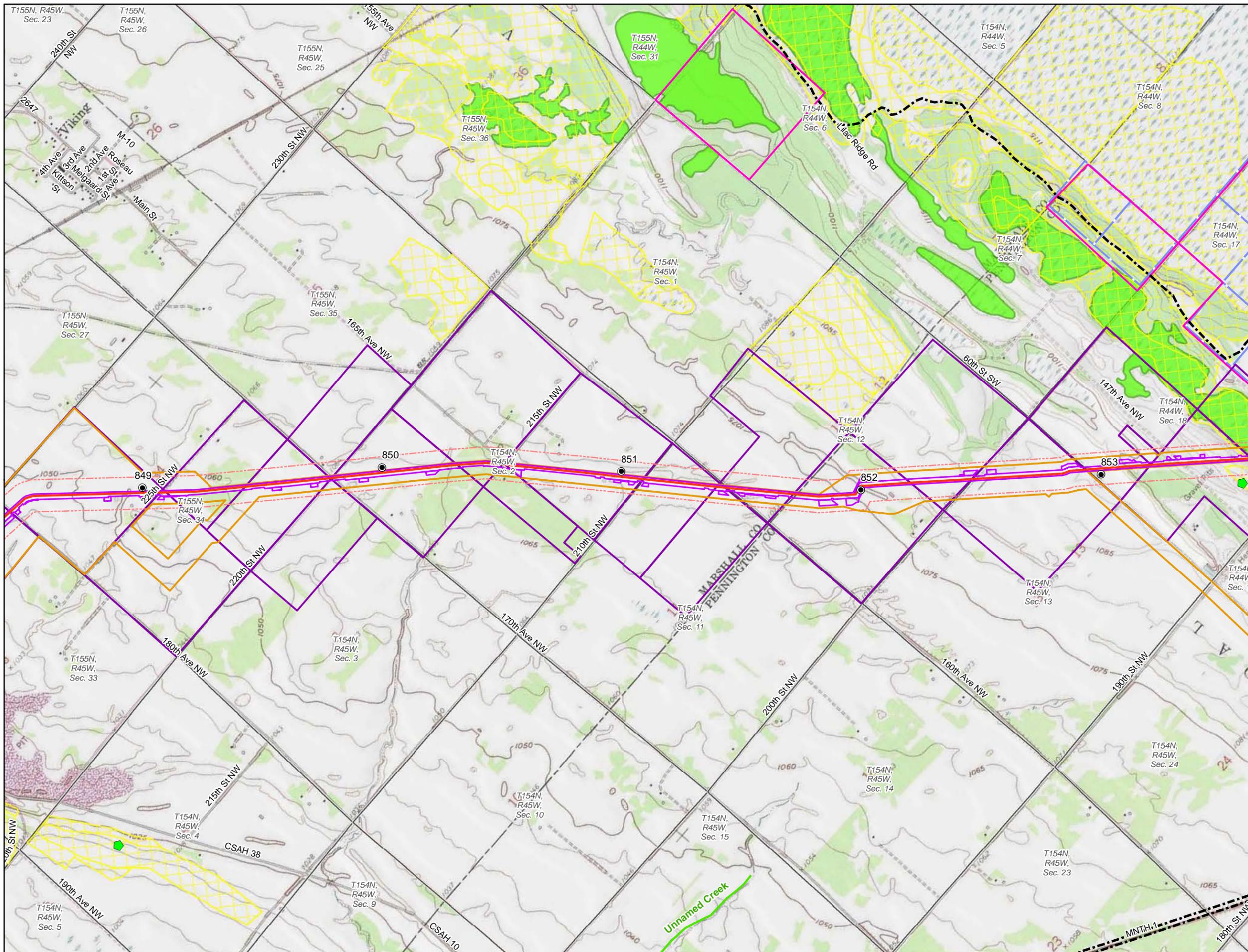
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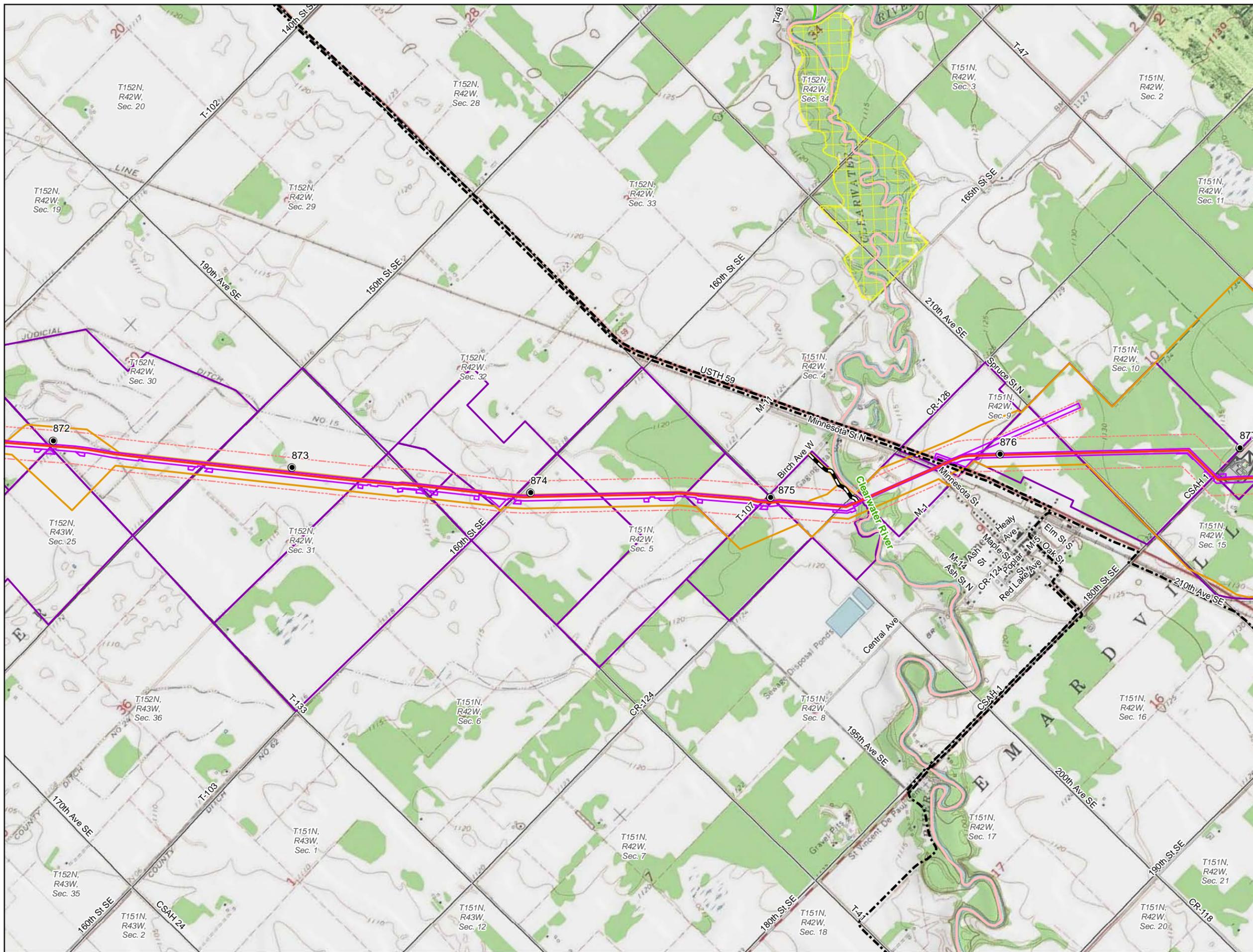
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Red Lake County, Minnesota

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