

## **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.



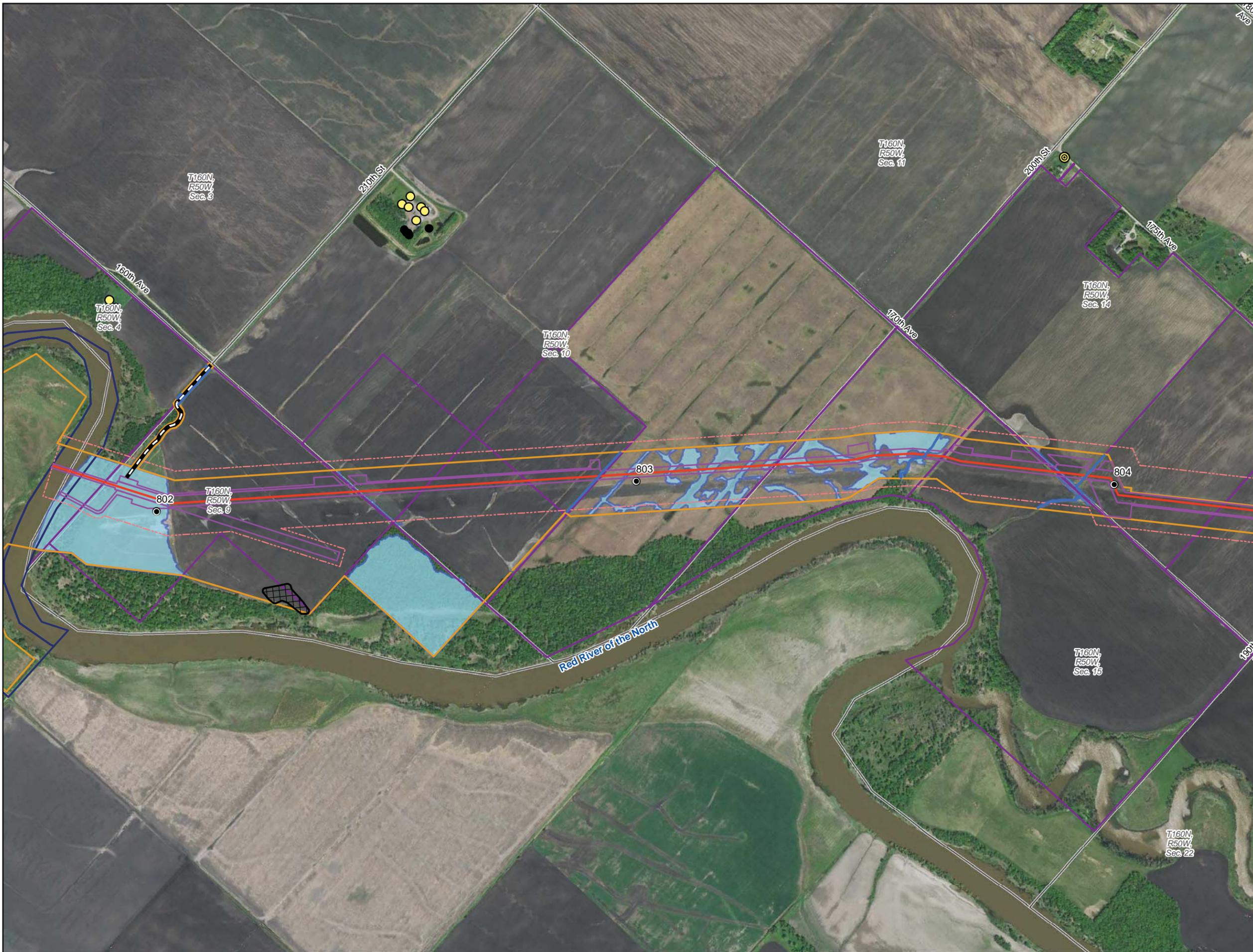
**ENBRIDGE ENERGY, LIMITED PARTNERSHIP**

**LINE 3 REPLACEMENT PROJECT**

**APPENDIX A – DETAILED ROUTE MAPS**

**APRIL 2016**

# **1:12,000 AERIAL SURVEY 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
- Noise Sensitive Receptors**
- Private
- Public
- Commercial/Industrial
- Other
- Temporary Access Road
- Permanent Access Road to Valve
- Delineated Waterbody
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- Tribal Land
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- County Tax-Forfeit Land
- State Land
- Parcel Ownership**
- State Land
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**1:12,000 Aerial Survey Maps**

Kittson County, Minnesota

Page 1 of 140

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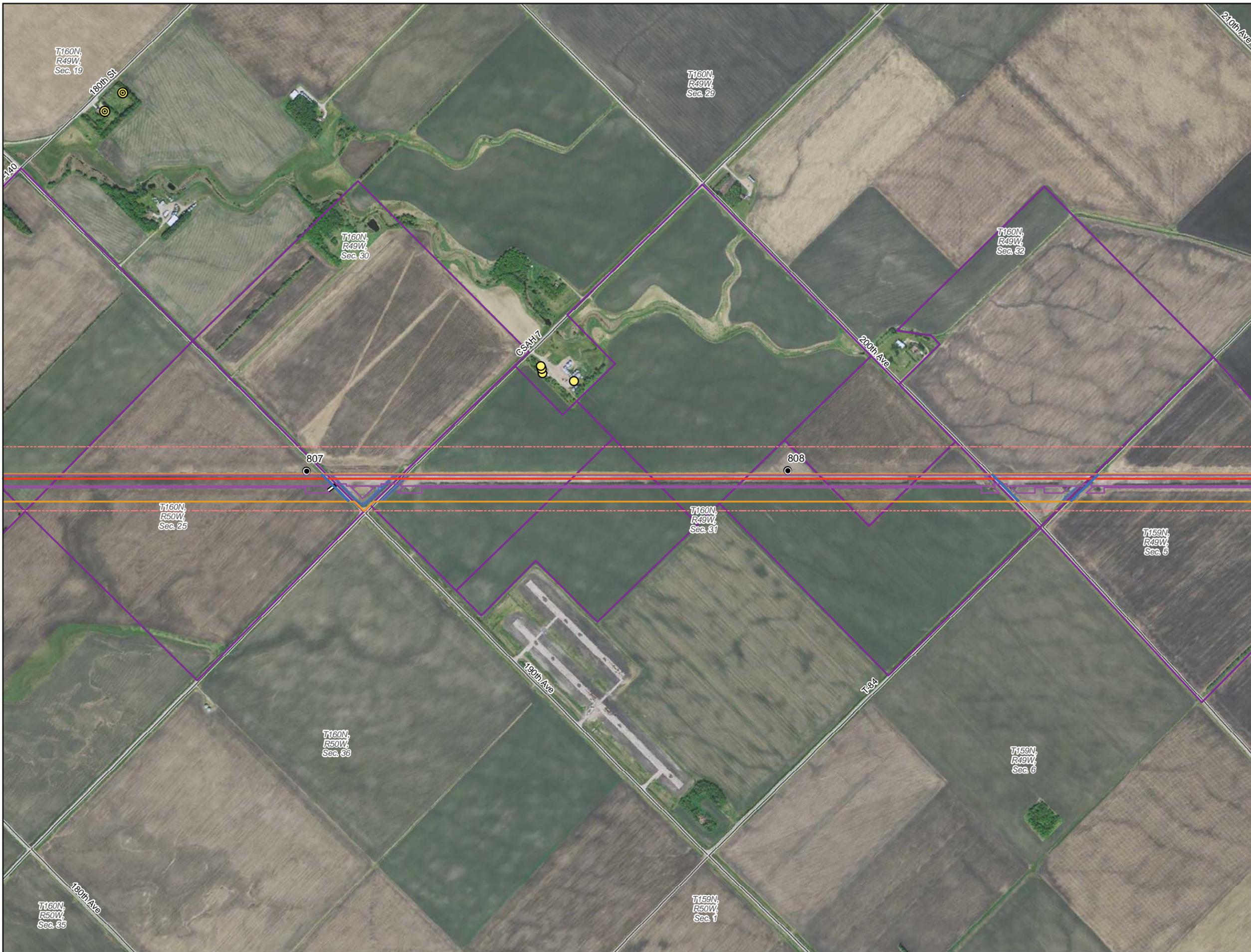
Page 2 of 140

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Red River of the North

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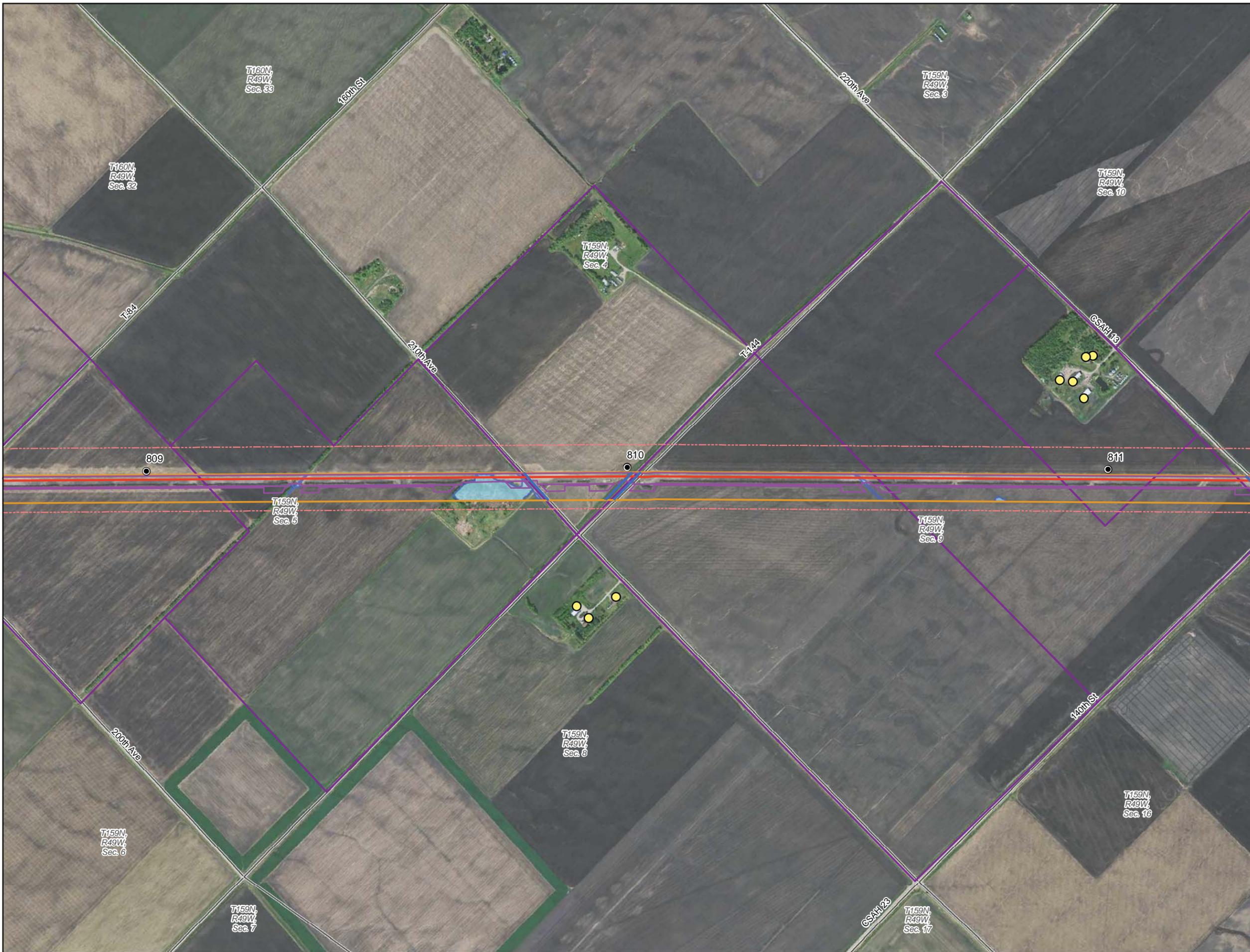
Page 3 of 140



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3/22/2016

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Limited Partnership**  
**Line 3 Replacement Project**  
**1:12,000 Aerial Survey Maps**

Kittson County, Minnesota

Page 4 of 140



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3/22/2016

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**Enbridge Energy,  
Limited Partnership**  
**Line 3 Replacement Project**  
**1:12,000 Aerial Survey Maps**

Kittson County, Minnesota

Page 5 of 140



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3/22/2016

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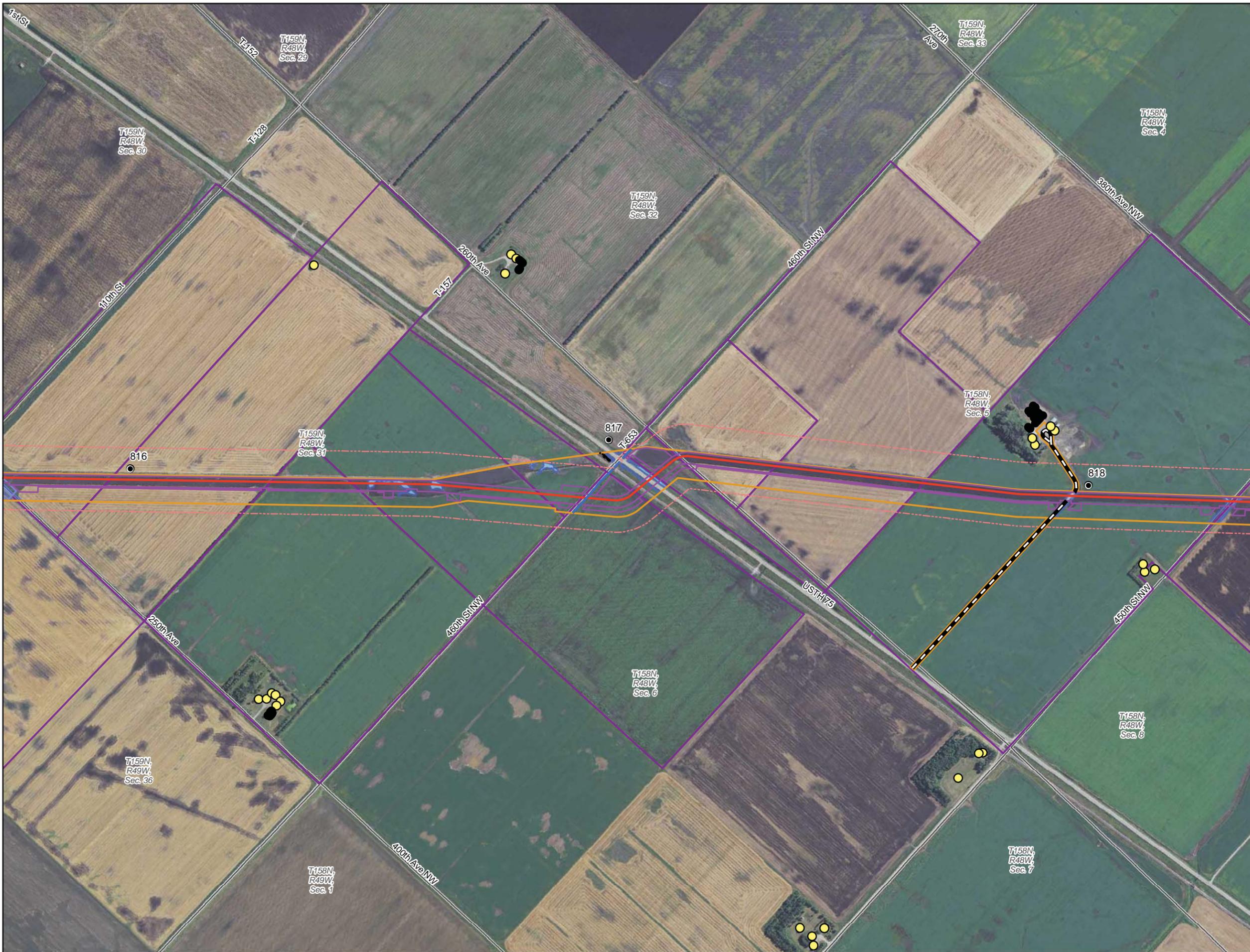
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Page 6 of 140

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Limited Partnership**  
**Line 3 Replacement Project**  
 1:12,000 Aerial Survey Maps  
 Kittson and Marshall Counties, Minnesota

Page 7 of 140

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**Enbridge Energy,  
Limited Partnership**  
**Line 3 Replacement Project**  
**1:12,000 Aerial Survey Maps**

Marshall County, Minnesota

Page 8 of 140

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**Enbridge Energy,  
Limited Partnership**  
**Line 3 Replacement Project**  
**1:12,000 Aerial Survey Maps**

Marshall County, Minnesota

Page 9 of 140

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Limited Partnership**  
**Line 3 Replacement Project**  
**1:12,000 Aerial Survey Maps**

Marshall County, Minnesota

Page 10 of 140



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3/22/2016

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Limited Partnership**  
**Line 3 Replacement Project**  
**1:12,000 Aerial Survey Maps**

Marshall County, Minnesota

Page 11 of 140



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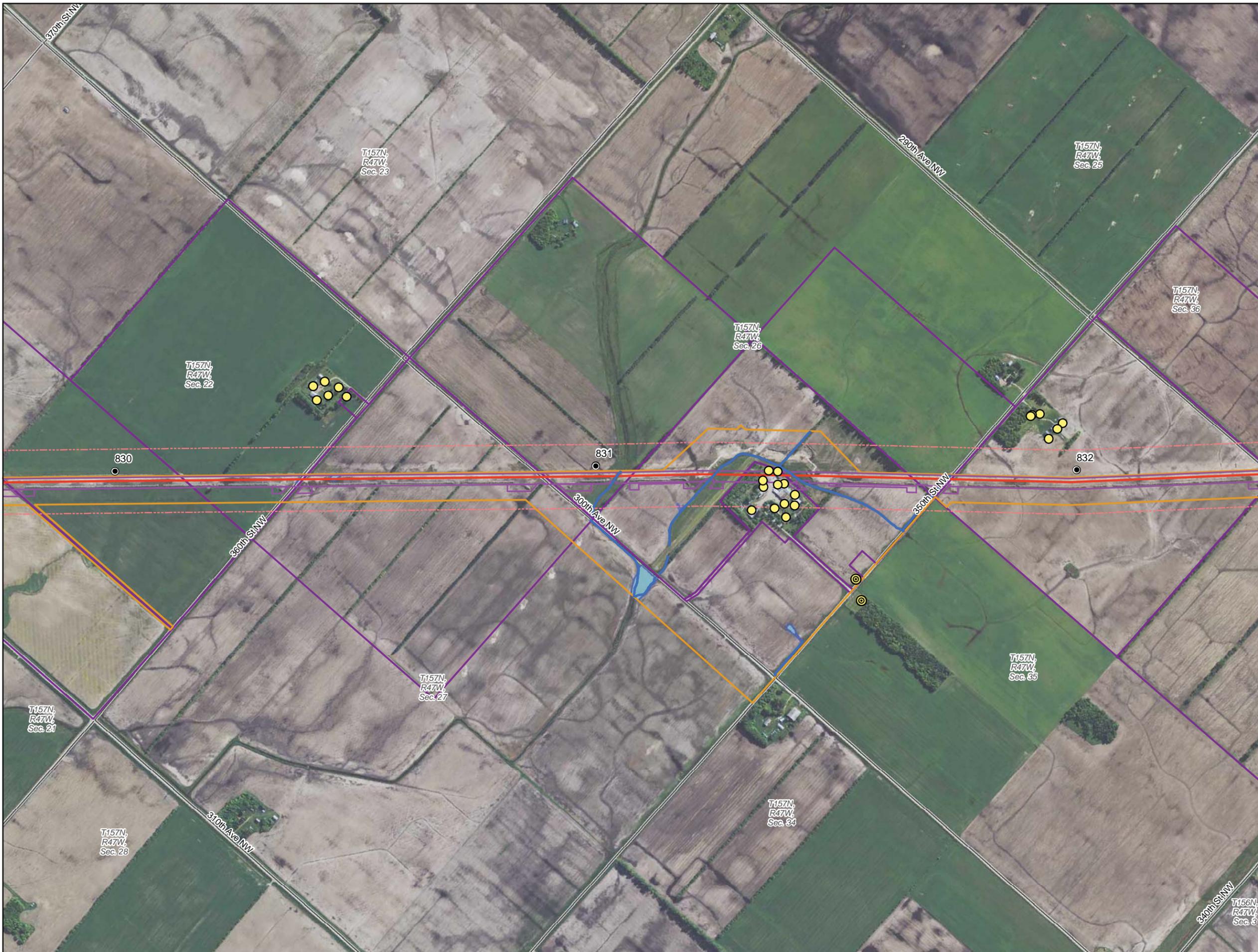
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Marshall County, Minnesota

Page 12 of 140

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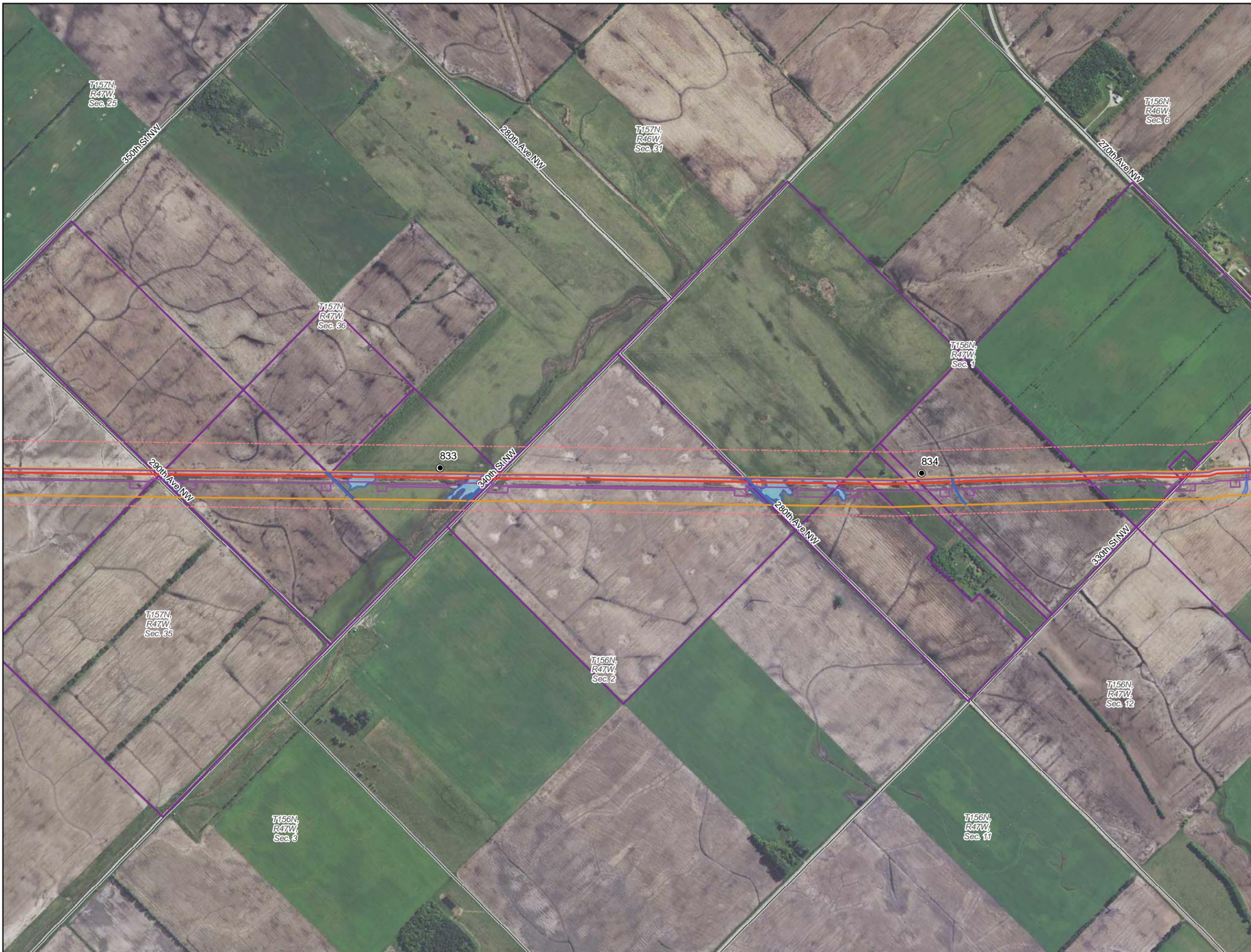
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Limited Partnership**  
**Line 3 Replacement Project**  
**1:12,000 Aerial Survey Maps**

Marshall County, Minnesota  
Page 13 of 140



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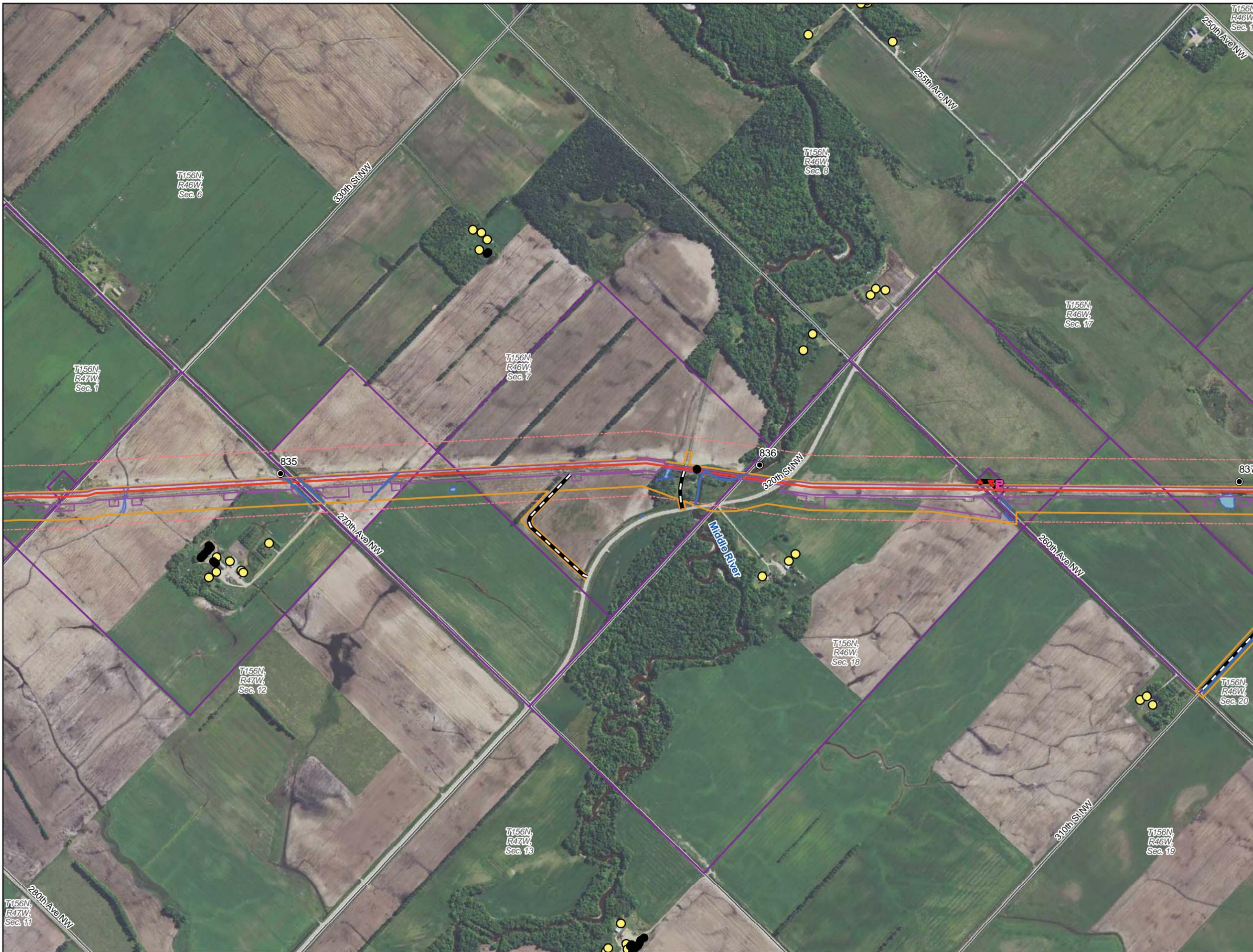
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**1:12,000 Aerial Survey Maps**

Marshall County, Minnesota

Page 14 of 140

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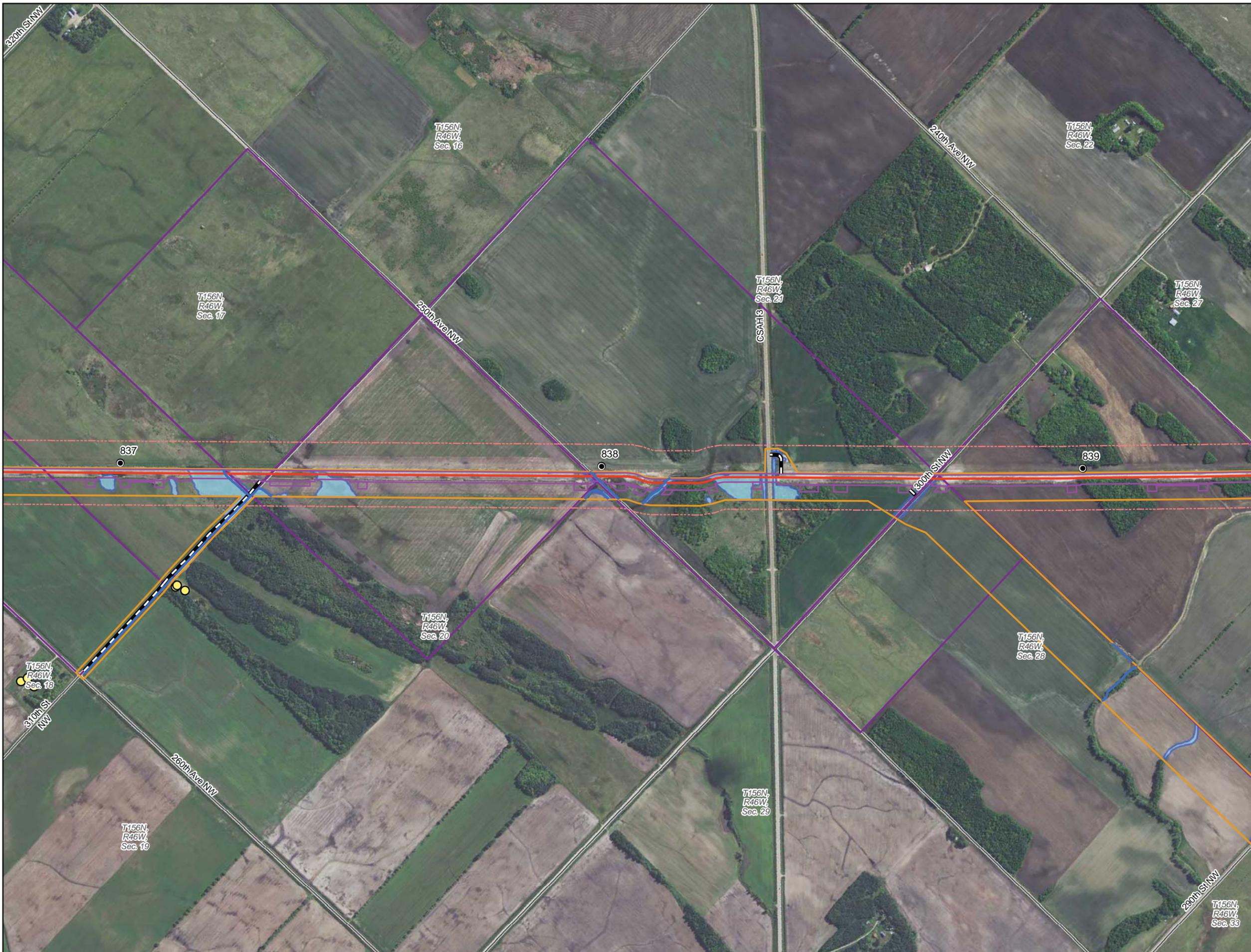
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Marshall County, Minnesota

Page 15 of 140

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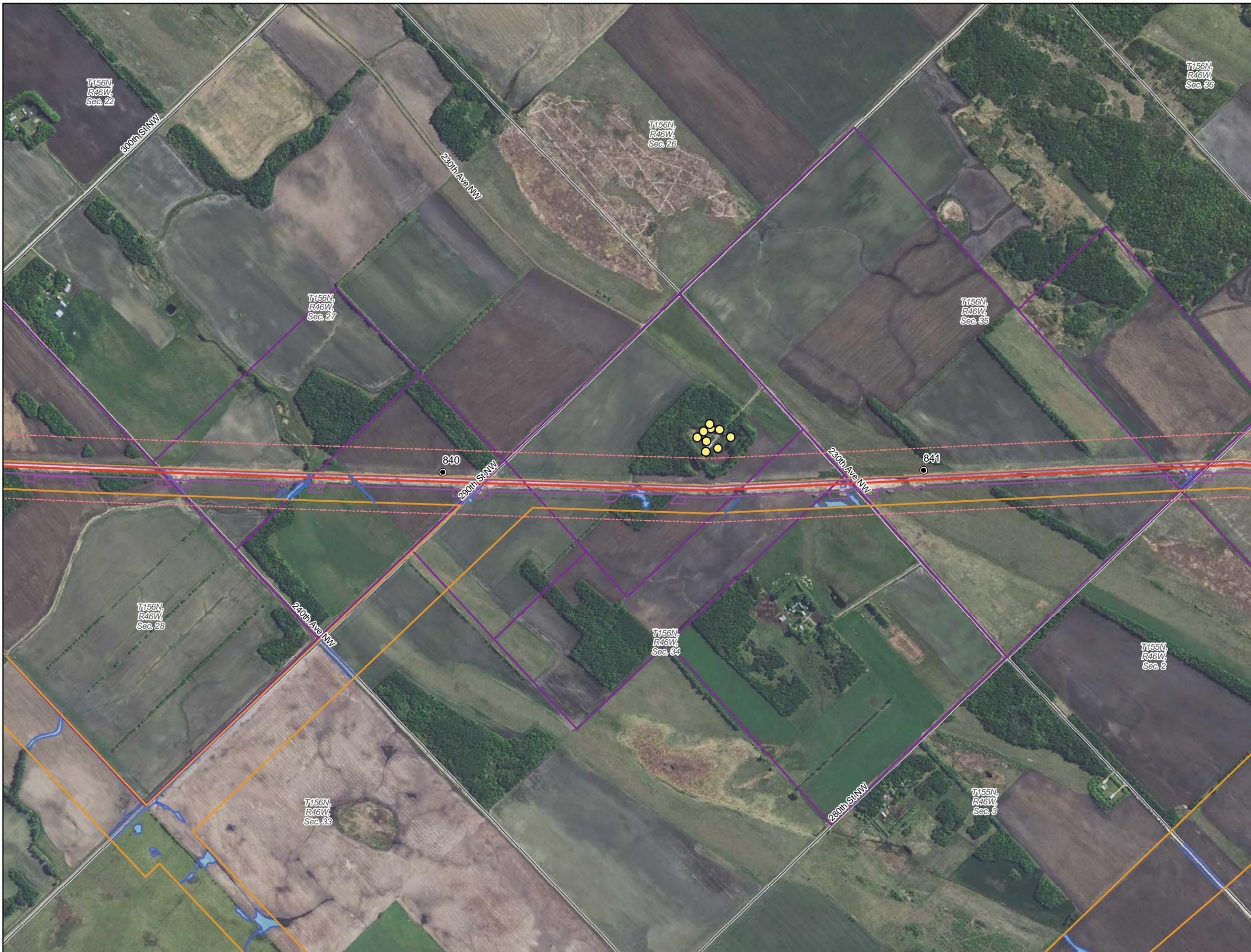
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**Marshall County, Minnesota**

Page 16 of 140

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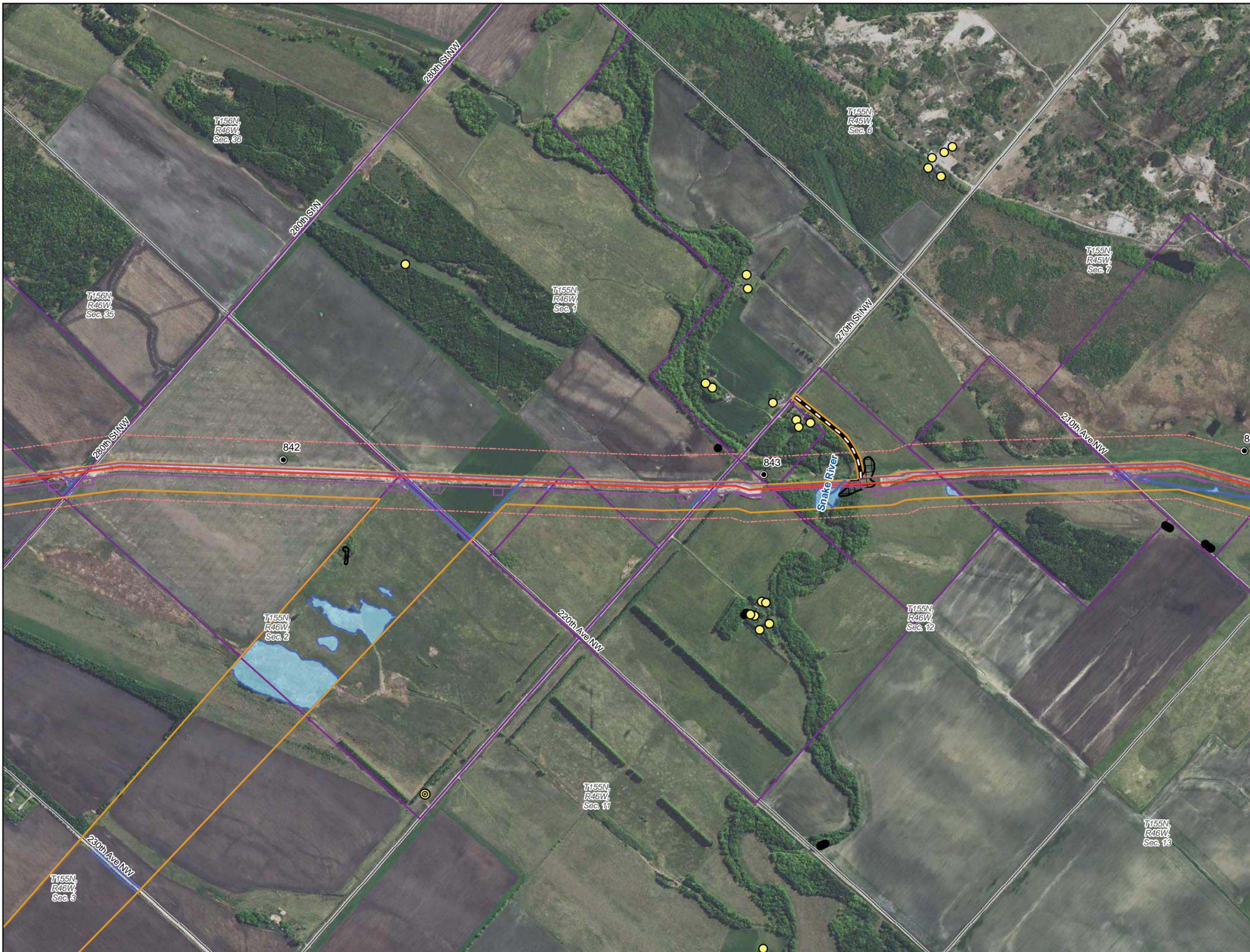
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Marshall County, Minnesota

Page 17 of 140



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**1:12,000 Aerial Survey Maps**

Marshall County, Minnesota

Page 18 of 140

For Environmental Review Purposes Only 3/22/2016

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**Enbridge Energy,  
Limited Partnership**  
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Marshall County, Minnesota

Page 19 of 140

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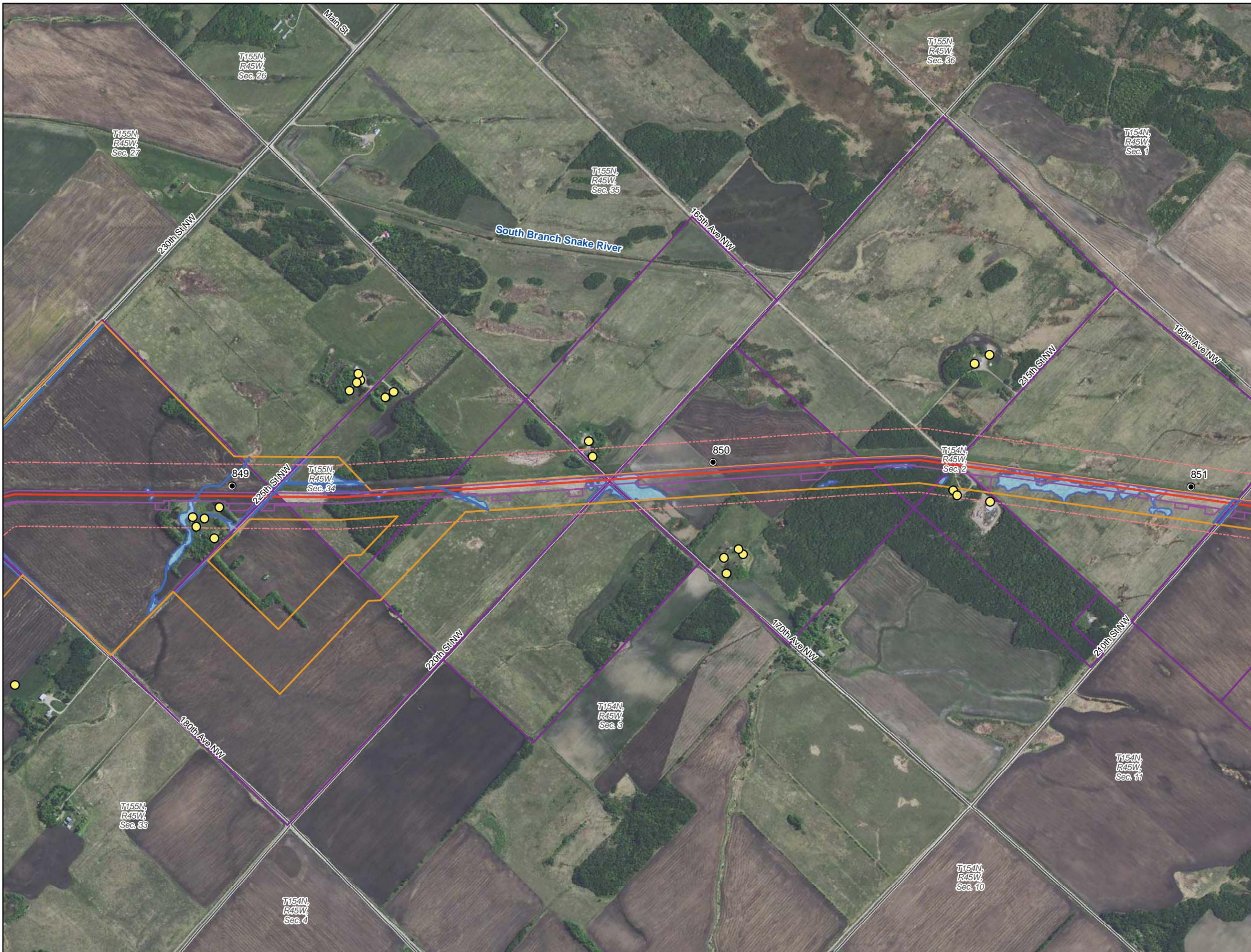
Marshall County, Minnesota

Page 20 of 140

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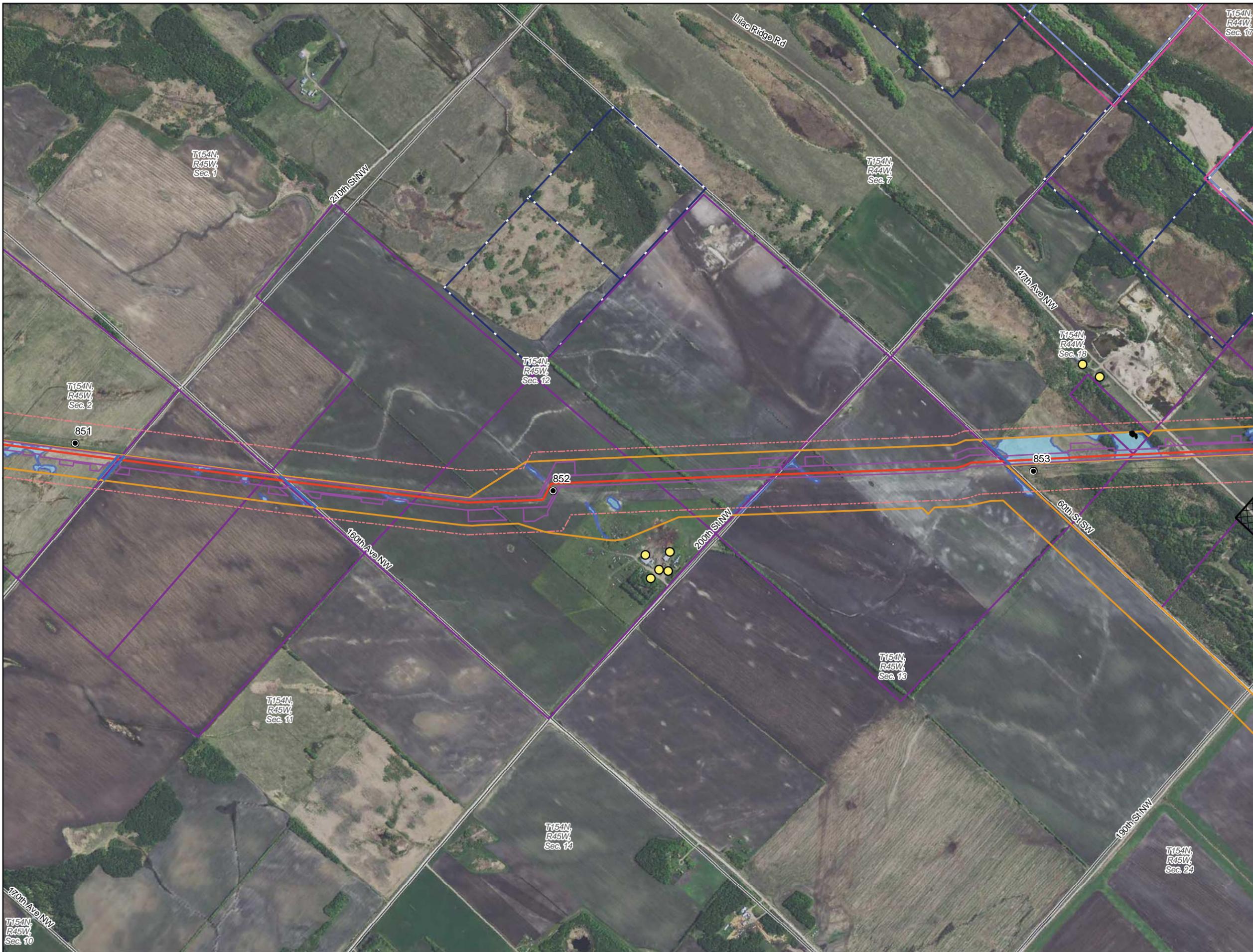
Marshall County, Minnesota

Page 21 of 140

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- ▭ Route Width
- ▭ Widened Route Width
- Cathodic Protection Location
- Valve Location
- ▨ Pump Station - Disturbed Area
- Noise Sensitive Receptors**
- Private
- Public
- Commercial/Industrial
- Other
- ▭ Temporary Access Road
- ▭ Permanent Access Road to Valve
- ▭ Delineated Waterbody
- ▭ Delineated Wetland
- ▭ Environmentally Sensitive Area
- ▭ Section Boundary
- ▭ Tribal Land
- ▭ Federal Land
- ▭ County Tax-Forfeit Land
- ▭ State Land
- Parcel Ownership**
- ▭ State Land
- ▭ County Land
- ▭ Private Lands/Other

**Enbridge Energy,  
Limited Partnership**  
**Line 3 Replacement Project**  
**1:12,000 Aerial Survey Maps**

Marshall and Pennington Counties, Minnesota

Page 22 of 140

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Date: (3/22/2016) Source: Z:\Clients\E\_Enbridge\SPP\_L3\Aerial\2016\01\NEAW\_MN\Map\3\_MN\_EAW\_map\_aerial.mxd

