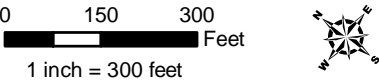


- Milepost
- Line 3 Centerline
- Construction Workspace
- Access Road
- Haul Road/Corner Improvement
- COE Permit Area
- Survey Corridor
- Field Survey Partially or Not Complete
- Parcel Boundary
- County Boundary
- Section Boundary
- Cathodic Protection
- Valve Location
- Pump Station

**Environmental Field Data**

- Wetlands**
- |                          |              |
|--------------------------|--------------|
| Field Delineated Wetland | NWI Wetlands |
| PEM                      | PEM          |
| PFO                      | PFO          |
| PSS                      | PSS          |
| PUB                      | PUB          |
- Waterbodies**
- Field Delineated Waterbody
  - NHD Waterbody
- NWI Waterbodies
- Lake/Pond
  - Riverine

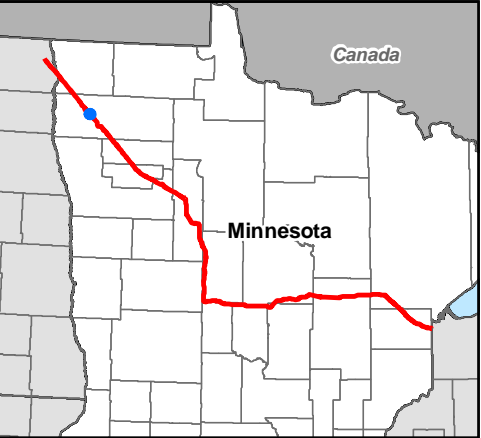


**Detailed Route Maps**  
**Line 3 Replacement Project**

Marshall County, Minnesota



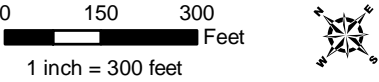




- Milepost
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**Environmental Field Data**

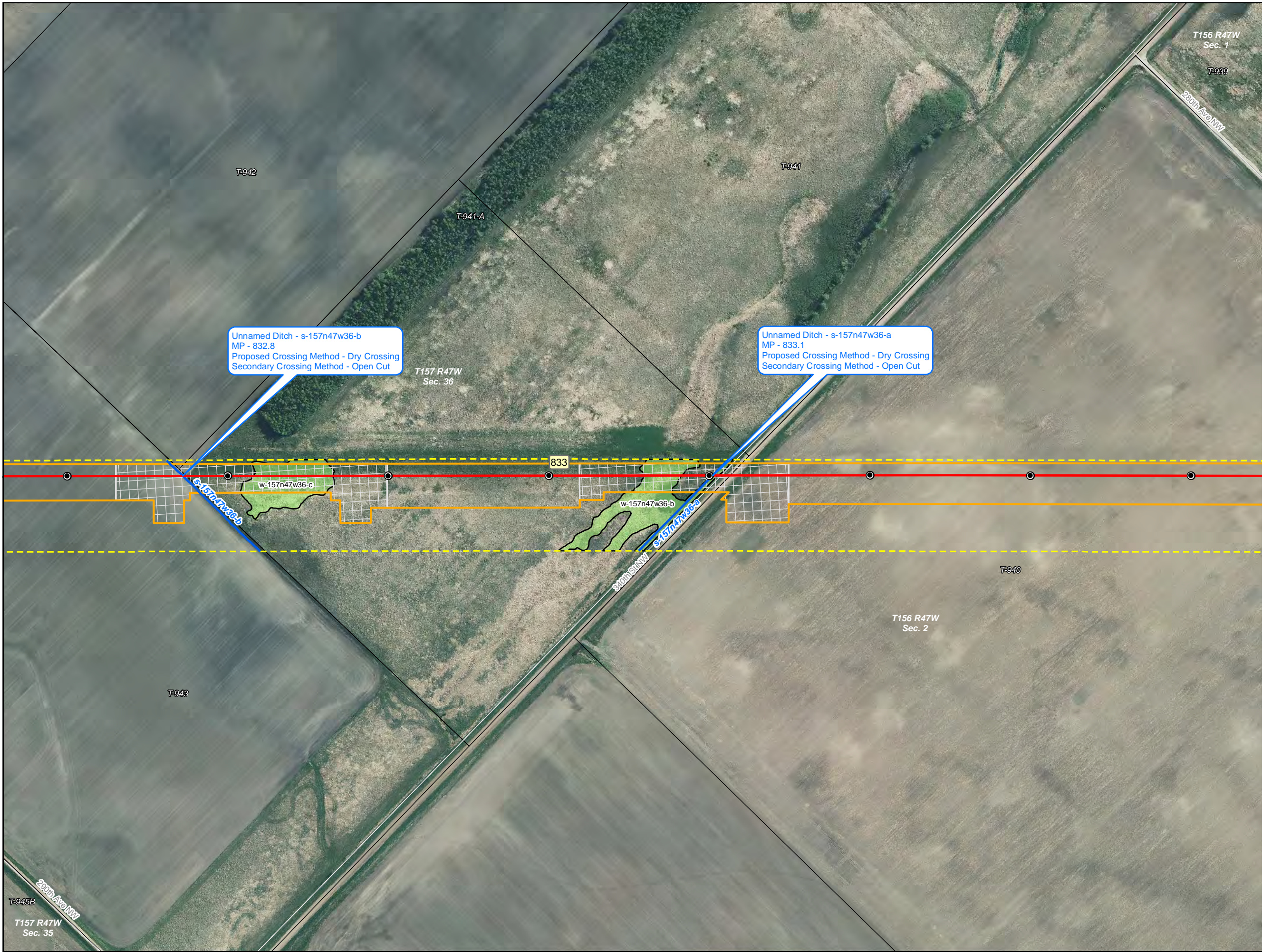
- Wetlands**
- |                          |              |
|--------------------------|--------------|
| Field Delineated Wetland | NWI Wetlands |
| PEM                      | PEM          |
| PFO                      | PFO          |
| PSS                      | PSS          |
| PUB                      | PUB          |
- Waterbodies**
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- NWI Waterbodies**
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**Detailed Route Maps**  
**Line 3 Replacement Project**  
**Marshall County, Minnesota**



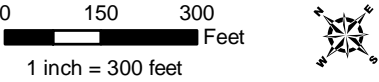




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|--------------------------|--------------|
| Field Delineated Wetland | NWI Wetlands |
| PEM                      | PEM          |
| PFO                      | PFO          |
| PSS                      | PSS          |
| PUB                      | PUB          |
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  - Riverine

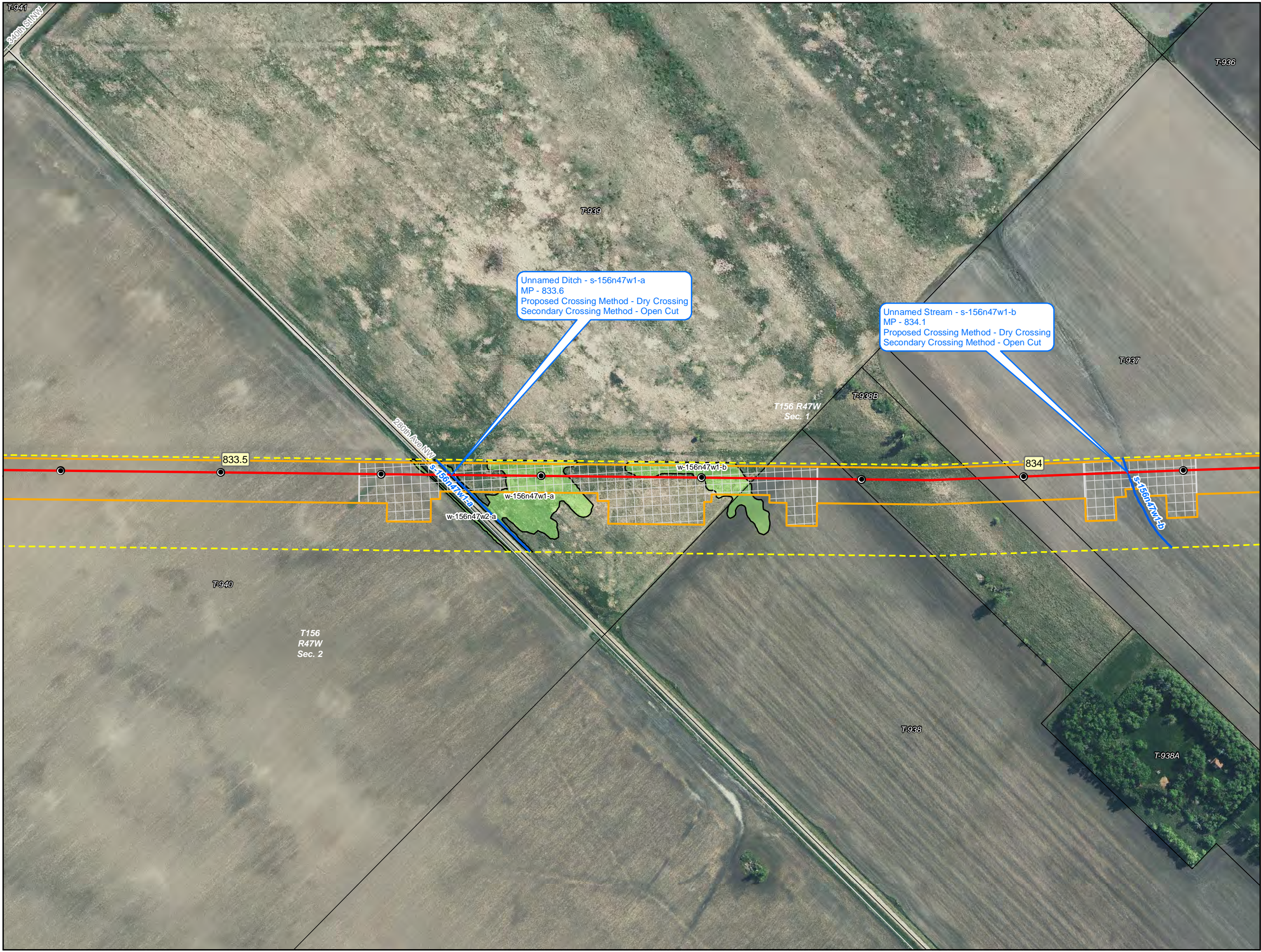


Detailed Route Maps  
Line 3 Replacement Project

Marshall County, Minnesota







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**Environmental Field Data**

**Wetlands**

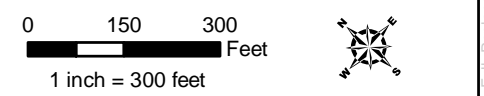
Field Delineated Wetland	NWI Wetlands
PEM	PEM
PFO	PFO
PSS	PSS
PUB	PUB

**Waterbodies**

- Field Delineated Waterbody
- NHD Waterbody

NWI Waterbodies

- Lake/Pond
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**Detailed Route Maps**

**Line 3 Replacement Project**

**Marshall County, Minnesota**

Source: Z:\Client\E\_Hlenbroge\Line\_3\_Full\_Replacement\Permitting\Federal\COE\2019\_11\Figures\3\_MN\_COE\_Alignment\_Sheets\_RevX.mxd Date: 11/03/2019

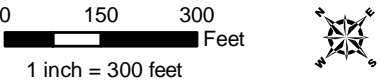




- Milepost
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- Section Boundary
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**Environmental Field Data**

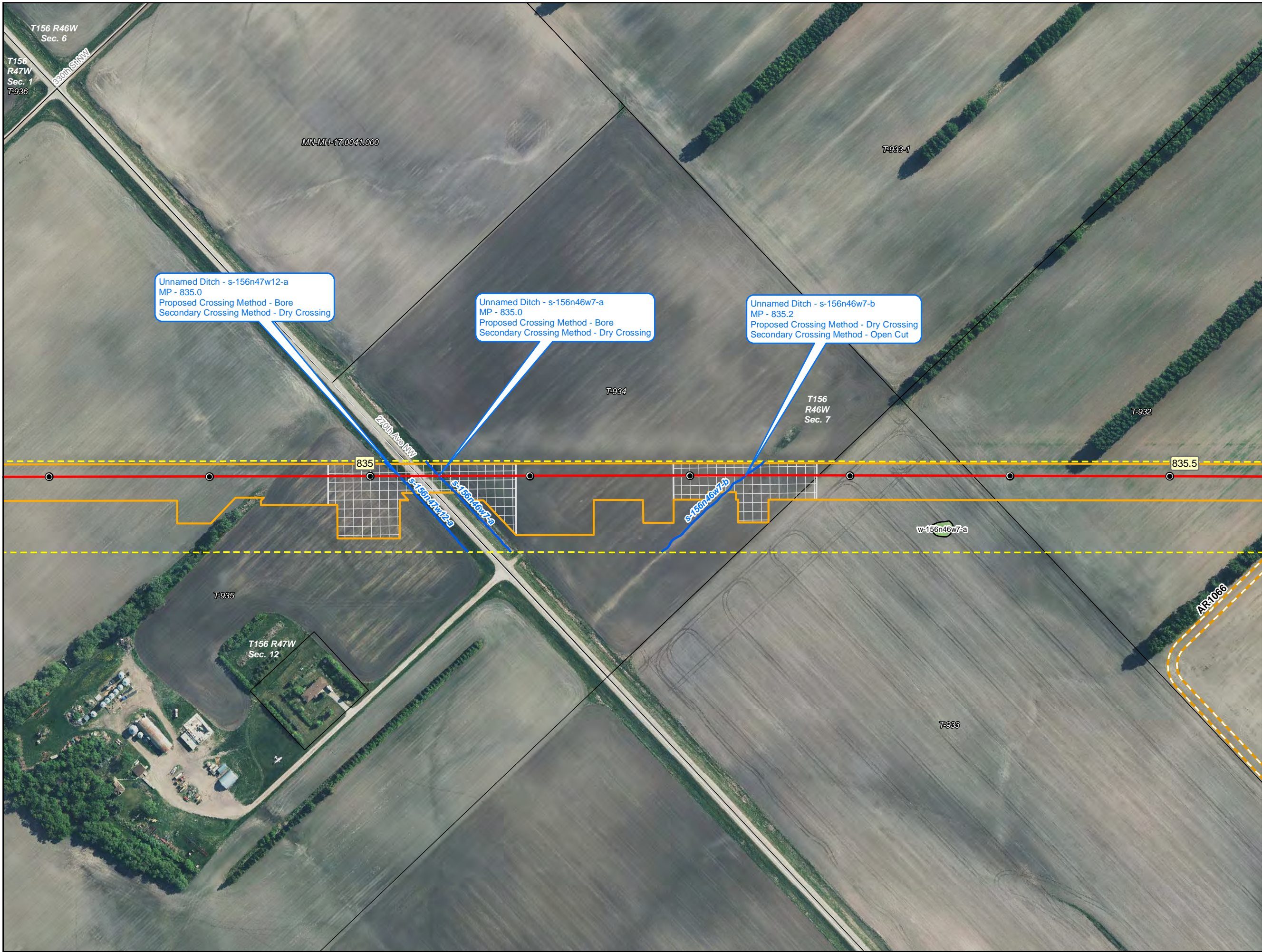
- Wetlands**
- | Field Delineated Wetland | NWI Wetlands |
|--------------------------|--------------|
| PEM                      | PEM          |
| PFO                      | PFO          |
| PSS                      | PSS          |
| PUB                      | PUB          |
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  - NWI Waterbodies
  - Lake/Pond
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**Detailed Route Maps**  
**Line 3 Replacement Project**  
**Marshall County, Minnesota**

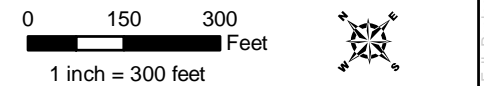






- Milepost
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- Wetlands**
- |                          |              |
|--------------------------|--------------|
| Field Delineated Wetland | NWI Wetlands |
| PEM                      | PEM          |
| PFO                      | PFO          |
| PSS                      | PSS          |
| PUB                      | PUB          |
- Waterbodies**
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- NWI Waterbodies**
- Lake/Pond
  - Riverine



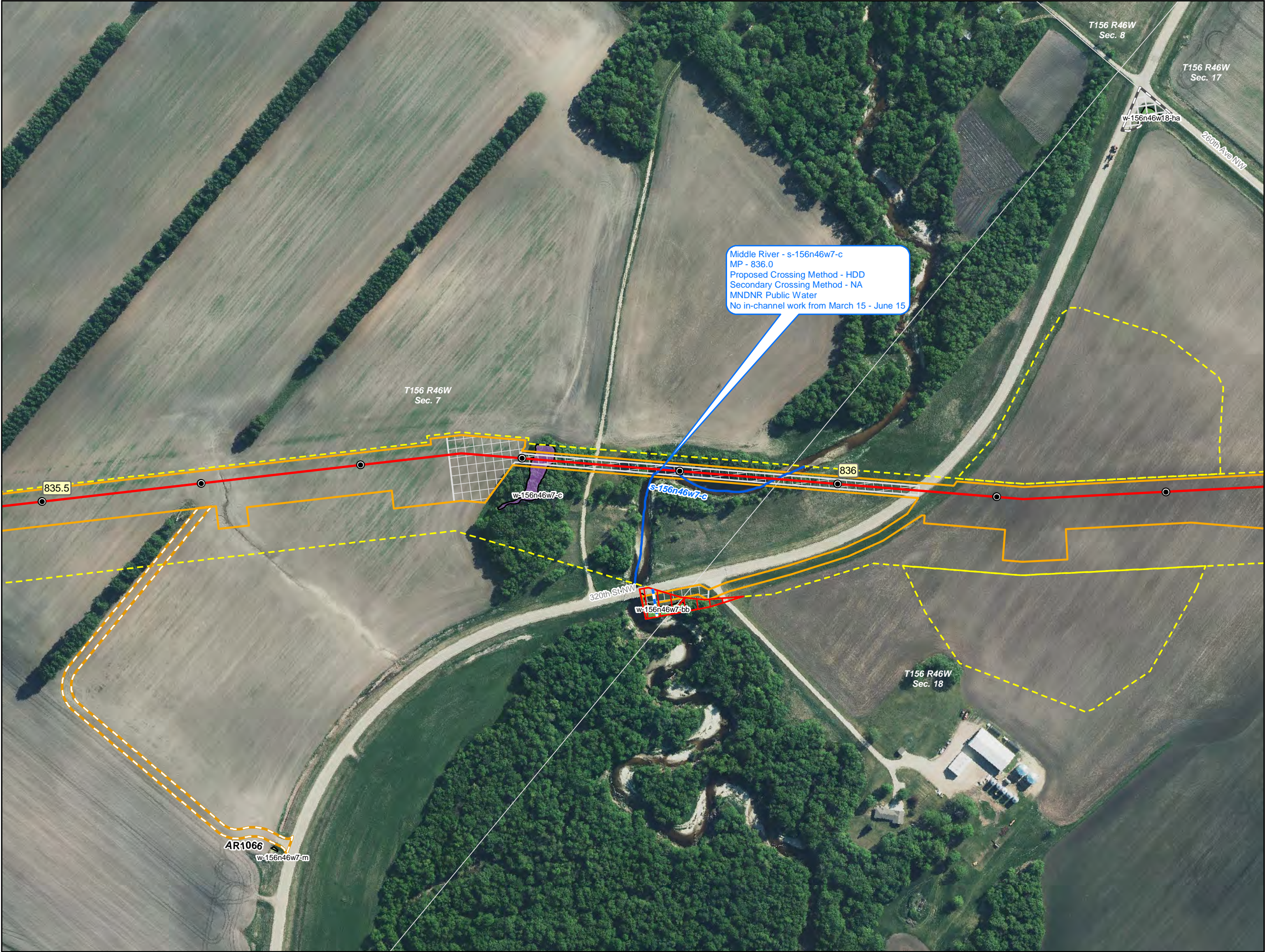
**Detailed Route Maps**

**Line 3 Replacement Project**

**Marshall County, Minnesota**

Source: Z:\Client\E\_Hlenbroge\Line\_3\_Full\_Replacement\Permitting\Federal\COE\2019\_11\Figures\U3\_MN\_COE\_Alignment\_Sheets\_RevX.mxd





- Milepost
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- County Boundary
- Section Boundary
- Cathodic Protection
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**Environmental Field Data**

**Wetlands**

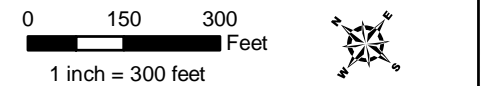
Field Delineated Wetland	NWI Wetlands
PEM	PEM
PFO	PFO
PSS	PSS
PUB	PUB

**Waterbodies**

- Field Delineated Waterbody
- NHD Waterbody

NWI Waterbodies

- Lake/Pond
- Riverine



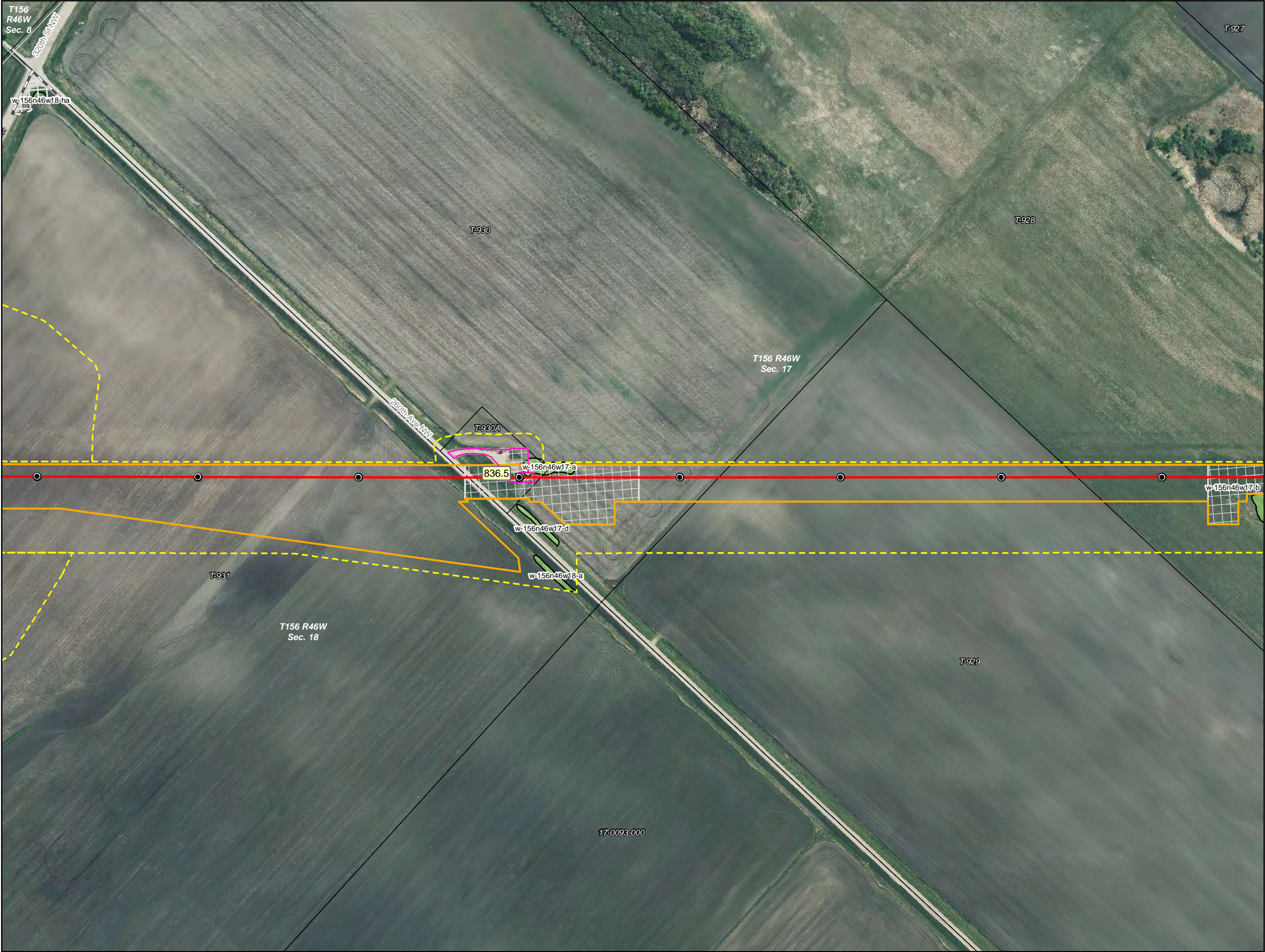
**Detailed Route Maps**

**Line 3 Replacement Project**

**Marshall County, Minnesota**

Source: Z:\Clients\ENR\ENR\Line\_3\_Full\_Replacement\Permitting\Federal\COE\2019\_11\Figures\L3\_MIN\_COE\_Alignment\_Sheets\_R6VX.mxd





- Milepost
- Line 3 Centerline
- Construction Workspace
- Access Road
- Haul Road/Corner Improvement
- COE Permit Area
- Survey Corridor
- Field Survey Partially or Not Complete
- Parcel Boundary
- County Boundary
- Section Boundary
- Cathodic Protection
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- Pump Station

Environmental Field Data

- Wetlands**
- |                          |              |
|--------------------------|--------------|
| Field Delineated Wetland | NWI Wetlands |
| PEM                      | PEM          |
| PFO                      | PFO          |
| PSS                      | PSS          |
| PUB                      | PUB          |
- Waterbodies**
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Detailed Route Maps

Line 3 Replacement Project

Marshall County, Minnesota







- Milepost
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- Wetlands**
- |                          |              |
|--------------------------|--------------|
| Field Delineated Wetland | NWI Wetlands |
| PEM                      | PEM          |
| PFO                      | PFO          |
| PSS                      | PSS          |
| PUB                      | PUB          |
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- Field Delineated Waterbody
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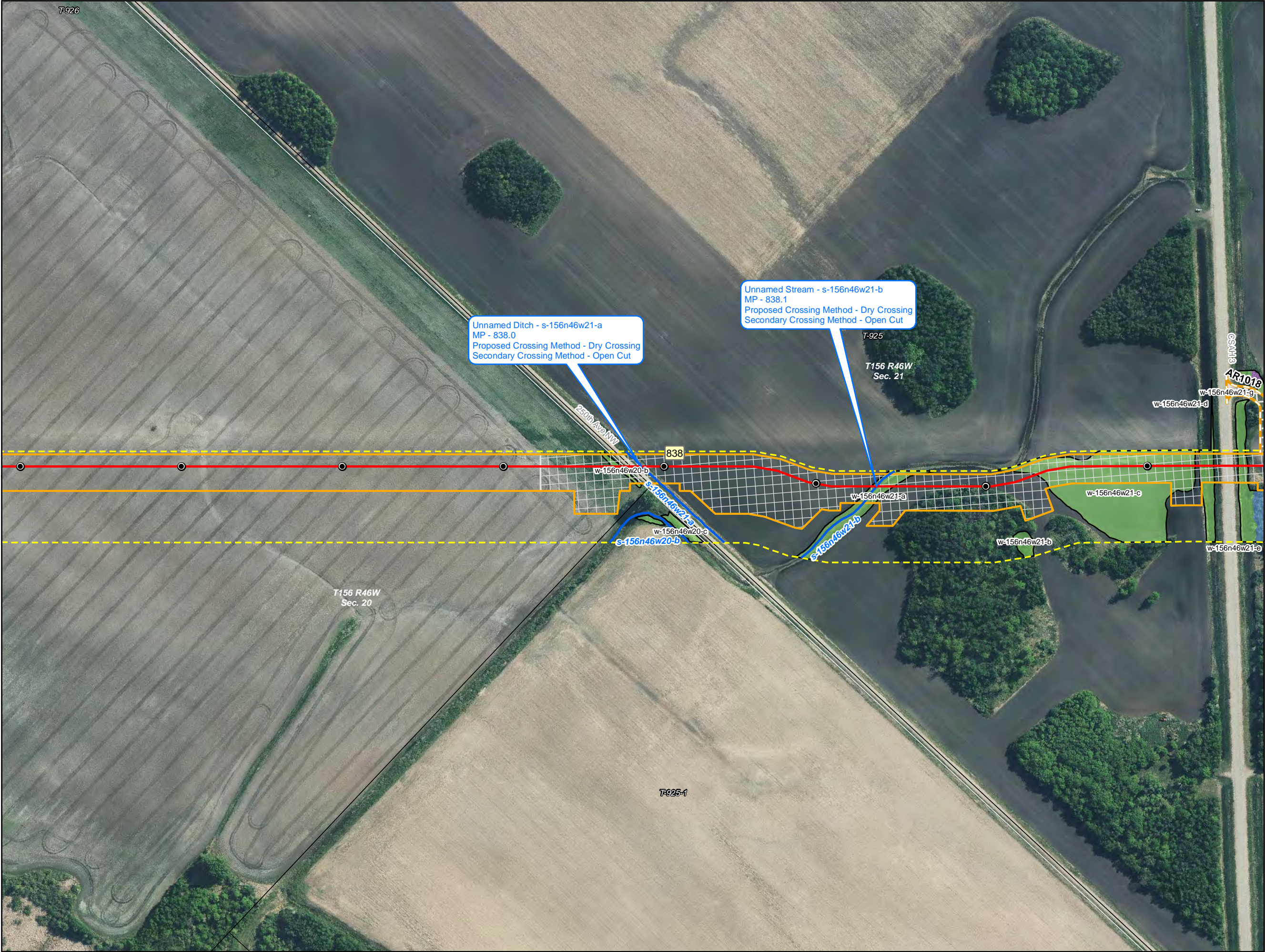
Detailed Route Maps

Line 3 Replacement Project

Marshall County, Minnesota







- Milepost
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- Wetlands**
- |                          |              |
|--------------------------|--------------|
| Field Delineated Wetland | NWI Wetlands |
| PEM                      | PEM          |
| PFO                      | PFO          |
| PSS                      | PSS          |
| PUB                      | PUB          |
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- Field Delineated Waterbody
  - NHD Waterbody
- NWI Waterbodies
- Lake/Pond
  - Riverine



Detailed Route Maps

Line 3 Replacement Project

Marshall County, Minnesota



Source: Z:\Client\E\_Hlenbroge\Line\_3\_Full\_Replacement\Permitting\Federal\COE\2019\_11\Figures\3\_WN\_COE\_Alignment\_Sheets\_RevX.mxd Date: 11/03/2019

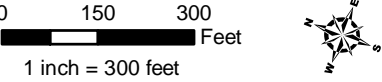




- Milepost
- Line 3 Centerline
- Construction Workspace
- Access Road
- Haul Road/Corner Improvement
- COE Permit Area
- Survey Corridor
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**Environmental Field Data**

- Wetlands**
- |                          |              |
|--------------------------|--------------|
| Field Delineated Wetland | NWI Wetlands |
| PEM                      | PEM          |
| PFO                      | PFO          |
| PSS                      | PSS          |
| PUB                      | PUB          |
- Waterbodies**
- Field Delineated Waterbody
  - NHD Waterbody
- NWI Waterbodies**
- Lake/Pond
  - Riverine



**Detailed Route Maps**  
**Line 3 Replacement Project**

Marshall County, Minnesota







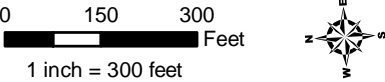
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MP - 839.1  
Proposed Crossing Method - Dry Crossing  
Secondary Crossing Method - Open Cut



- Milepost
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Environmental Field Data

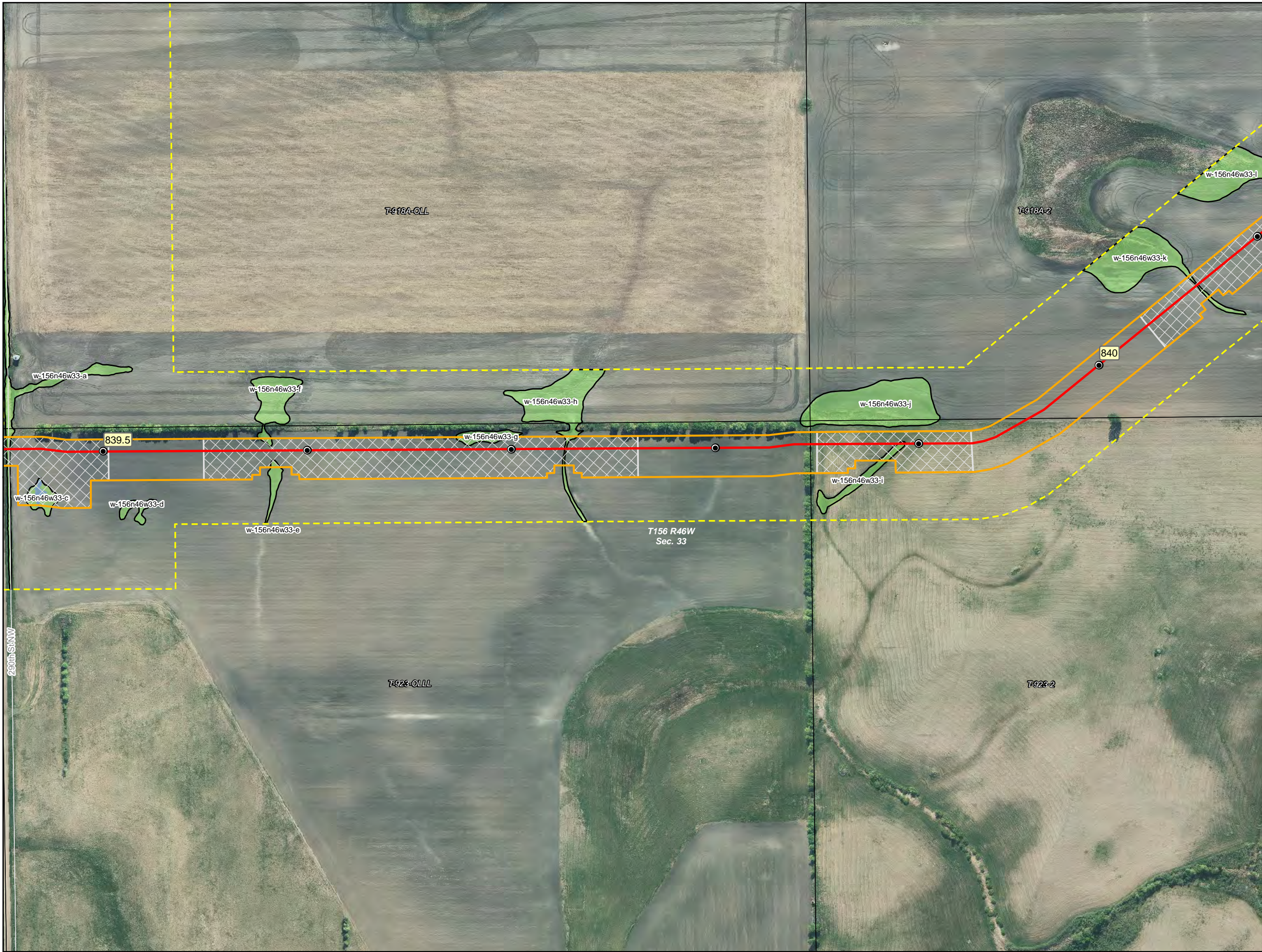
- Wetlands**
- |                          |              |
|--------------------------|--------------|
| Field Delineated Wetland | NWI Wetlands |
| PEM                      | PEM          |
| PFO                      | PFO          |
| PSS                      | PSS          |
| PUB                      | PUB          |
- Waterbodies**
- Field Delineated Waterbody
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- NWI Waterbodies**
- Lake/Pond
  - Riverine



Detailed Route Maps  
Line 3 Replacement Project  
Marshall County, Minnesota

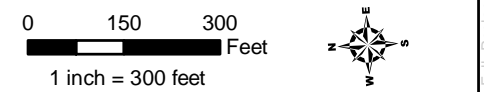






- Milepost
- Line 3 Centerline
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- Environmental Field Data**
- Wetlands**
- | Field Delineated Wetland | NWI Wetlands |
|--------------------------|--------------|
| PEM                      | PEM          |
| PFO                      | PFO          |
| PSS                      | PSS          |
| PUB                      | PUB          |
- Waterbodies**
- Field Delineated Waterbody
  - NHD Waterbody
  - NWI Waterbodies
    - Lake/Pond
    - Riverine



## Detailed Route Maps

### Line 3 Replacement Project

Marshall County, Minnesota



Source: Z:\Client\B\_Hlenbroge\Line\_3\_Full\_Replacement\Permitting\Federal\COE\2019\_11\Figures\3\_MN\_COE\_Alignment\_Sheets\_RevX.mxd Date: 11/03/2019





- Milepost
- Line 3 Centerline
- Construction Workspace
- Access Road
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- Field Survey Partially or Not Complete
- Parcel Boundary
- County Boundary
- Section Boundary
- Cathodic Protection
- Valve Location
- Pump Station

**Environmental Field Data**

**Wetlands**

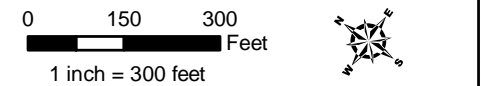
Field Delineated Wetland	NWI Wetlands
PEM	PEM
PFO	PFO
PSS	PSS
PUB	PUB

**Waterbodies**

- Field Delineated Waterbody
- NHD Waterbody

NWI Waterbodies

- Lake/Pond
- Riverine



**Detailed Route Maps**

**Line 3 Replacement Project**

**Marshall County, Minnesota**

Source: Z:\Client\E\_Hlenbroge\Line\_3\_Full\_Replacement\Permitting\Federal\COE\2019\_11\Figures\3\_MN\_COE\_Alignment\_Sheets\_RevX.mxd Date: (10/31/2019)

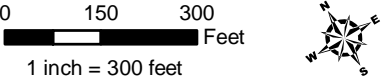




- Milepost
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**Environmental Field Data**

- Wetlands**
- |                          |              |
|--------------------------|--------------|
| Field Delineated Wetland | NWI Wetlands |
| PEM                      | PEM          |
| PFO                      | PFO          |
| PSS                      | PSS          |
| PUB                      | PUB          |
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**Detailed Route Maps**  
**Line 3 Replacement Project**

Marshall County, Minnesota



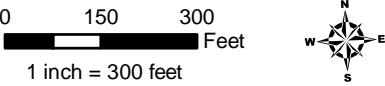




- Milepost
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**Environmental Field Data**

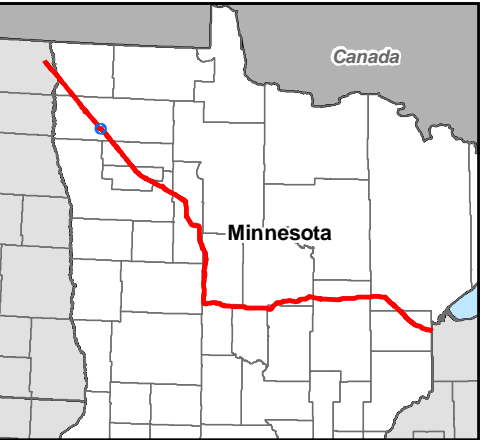
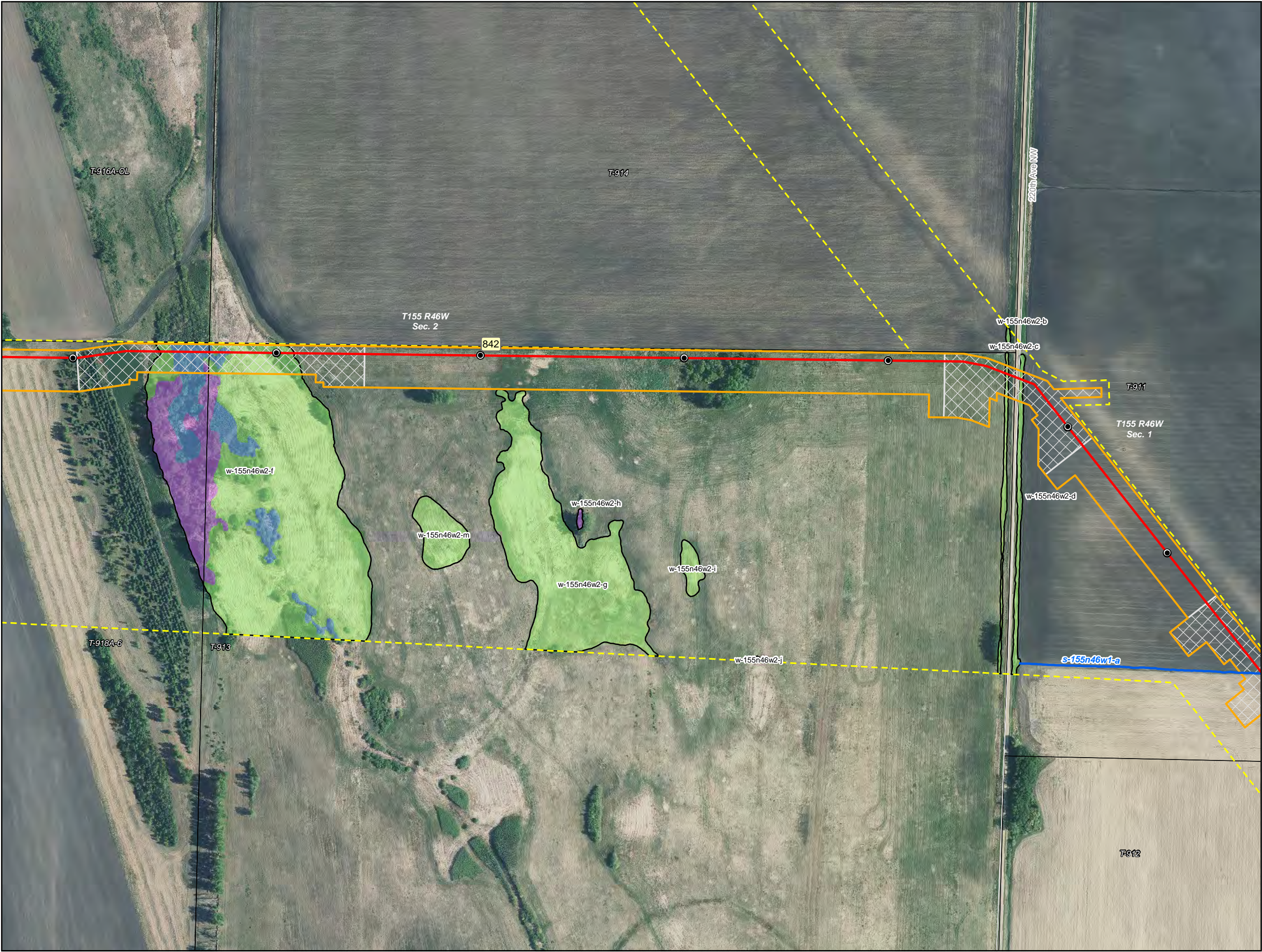
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|--------------------------|--------------|
| PEM                      | PEM          |
| PFO                      | PFO          |
| PSS                      | PSS          |
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**Detailed Route Maps**  
**Line 3 Replacement Project**  
**Marshall County, Minnesota**





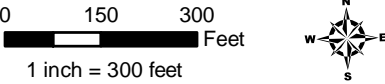


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Wetlands	
Field Delineated Wetland	NWI Wetlands
PEM	PEM
PFO	PFO
PSS	PSS
PUB	PUB

Waterbodies	
Field Delineated Waterbody	
NHD Waterbody	
NWI Waterbodies	
Lake/Pond	
Riverine	



**Detailed Route Maps**  
**Line 3 Replacement Project**

Marshall County, Minnesota











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- | Field Delineated Wetland | NWI Wetlands |
|--------------------------|--------------|
| PEM                      | PEM          |
| PFO                      | PFO          |
| PSS                      | PSS          |
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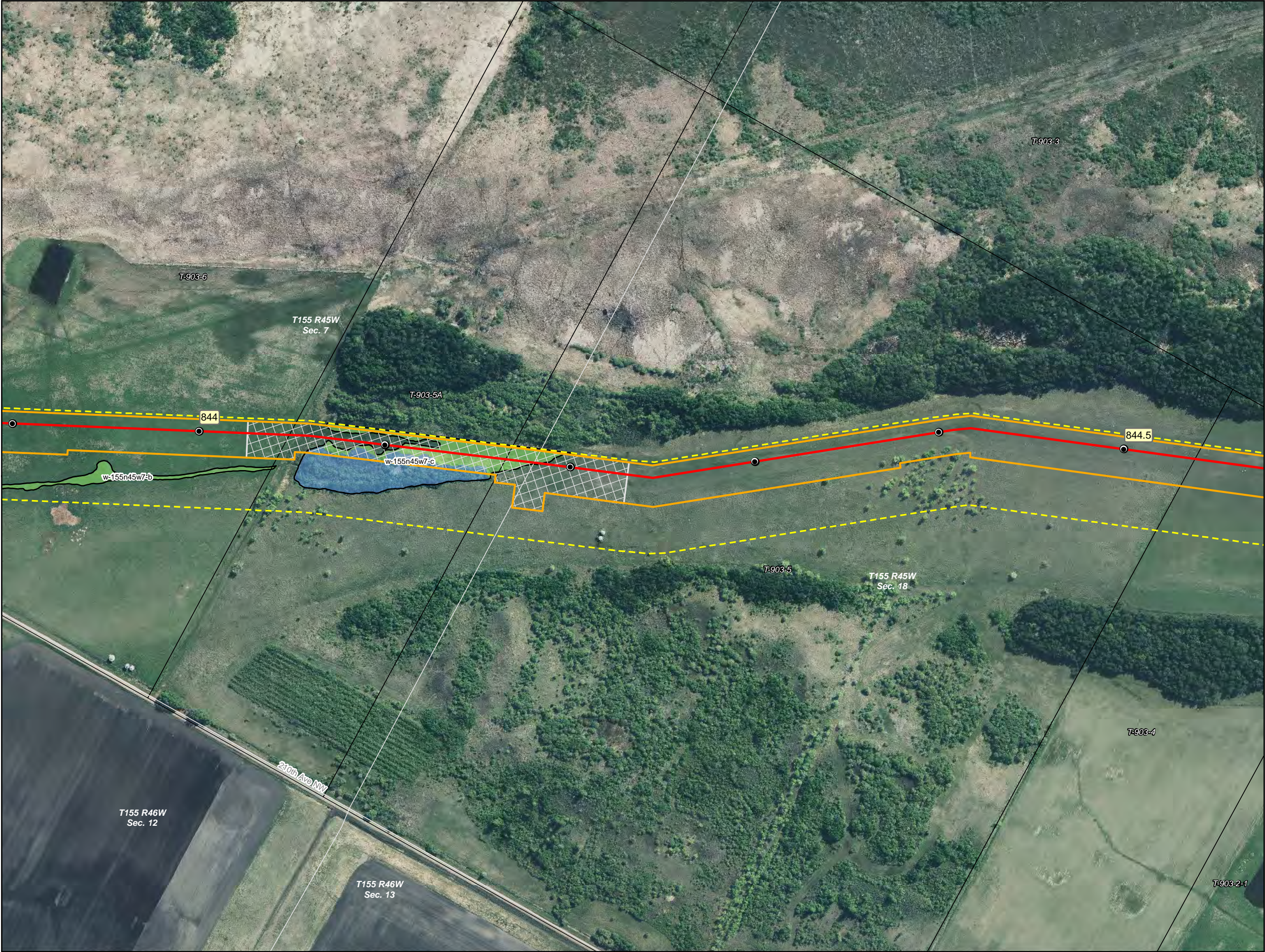
0 150 300 Feet  
1 inch = 300 feet



**Detailed Route Maps**  
**Line 3 Replacement Project**  
Marshall County, Minnesota

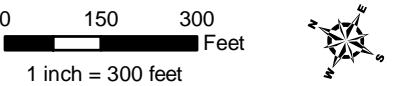






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|--------------------------|--------------|
| PEM                      | PEM          |
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**Detailed Route Maps**

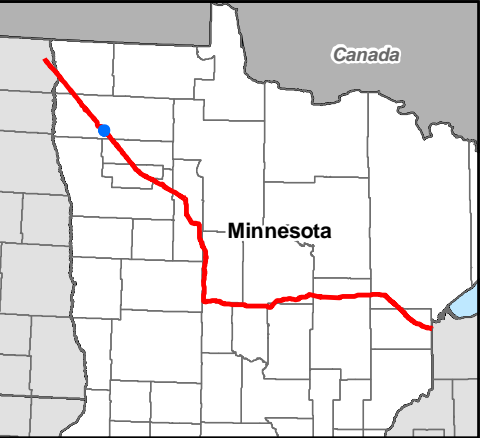
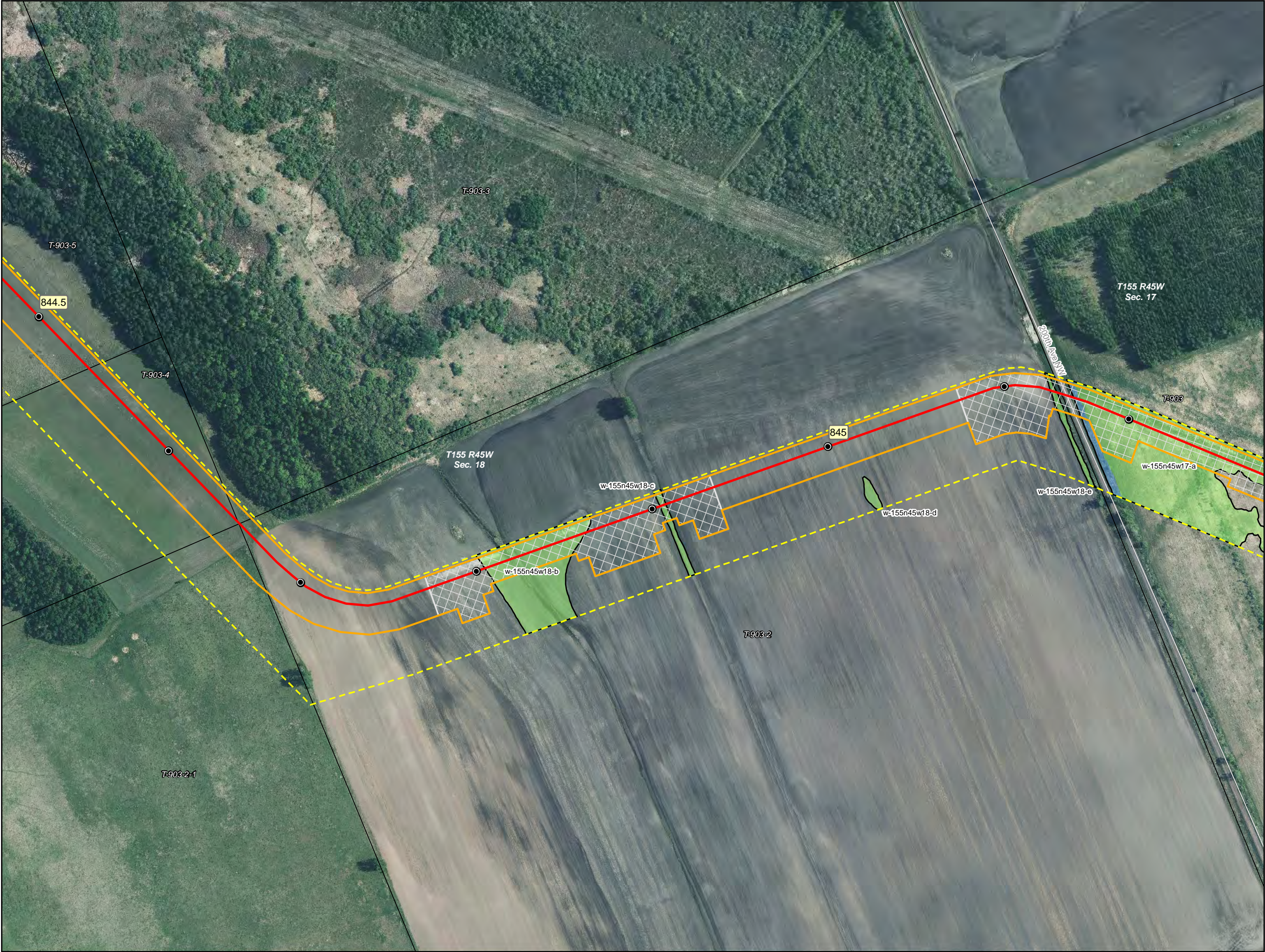
**Line 3 Replacement Project**

**Marshall County, Minnesota**



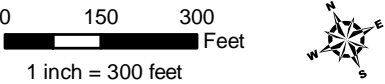
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- Milepost
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|--------------------------|--------------|
| PEM                      | PEM          |
| PFO                      | PFO          |
| PSS                      | PSS          |
| PUB                      | PUB          |
- Waterbodies**
- | Field Delineated Waterbody | NWI Waterbodies |
|----------------------------|-----------------|
| Field Delineated Waterbody | Lake/Pond       |
| NHD Waterbody              | Riverine        |



**Detailed Route Maps**

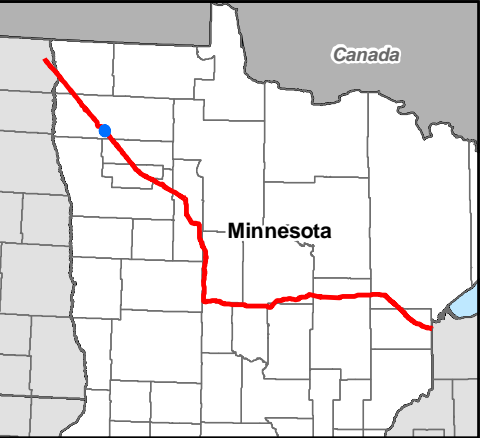
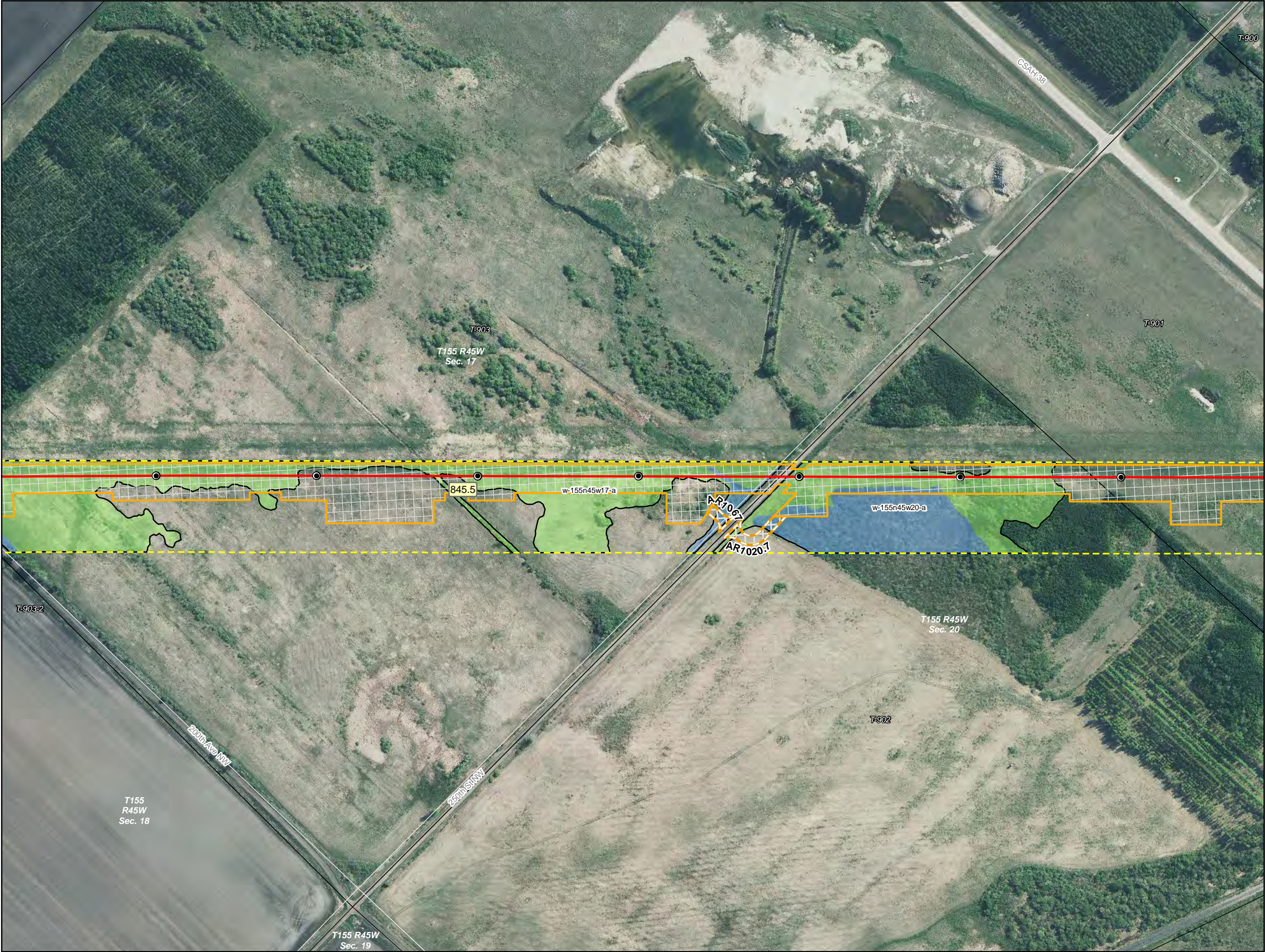
**Line 3 Replacement Project**

**Marshall County, Minnesota**



Source: Z:\Client\E\_HlenbrogLine\_3\_Full\_Replacement\Permitting\Federal\COE\2019\_1\Figures\3\_MN\_COE\_Alignment\_Sheets\_RevX.mxd





- Milepost
- Line 3 Centerline
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Environmental Field Data

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- |                          |              |
|--------------------------|--------------|
| Field Delineated Wetland | NWI Wetlands |
| PEM                      | PEM          |
| PFO                      | PFO          |
| PSS                      | PSS          |
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- Lake/Pond
  - Riverine



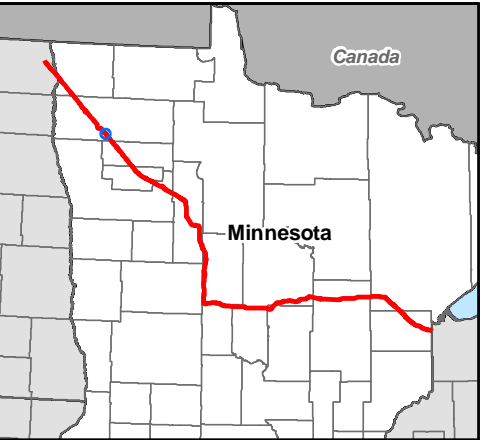
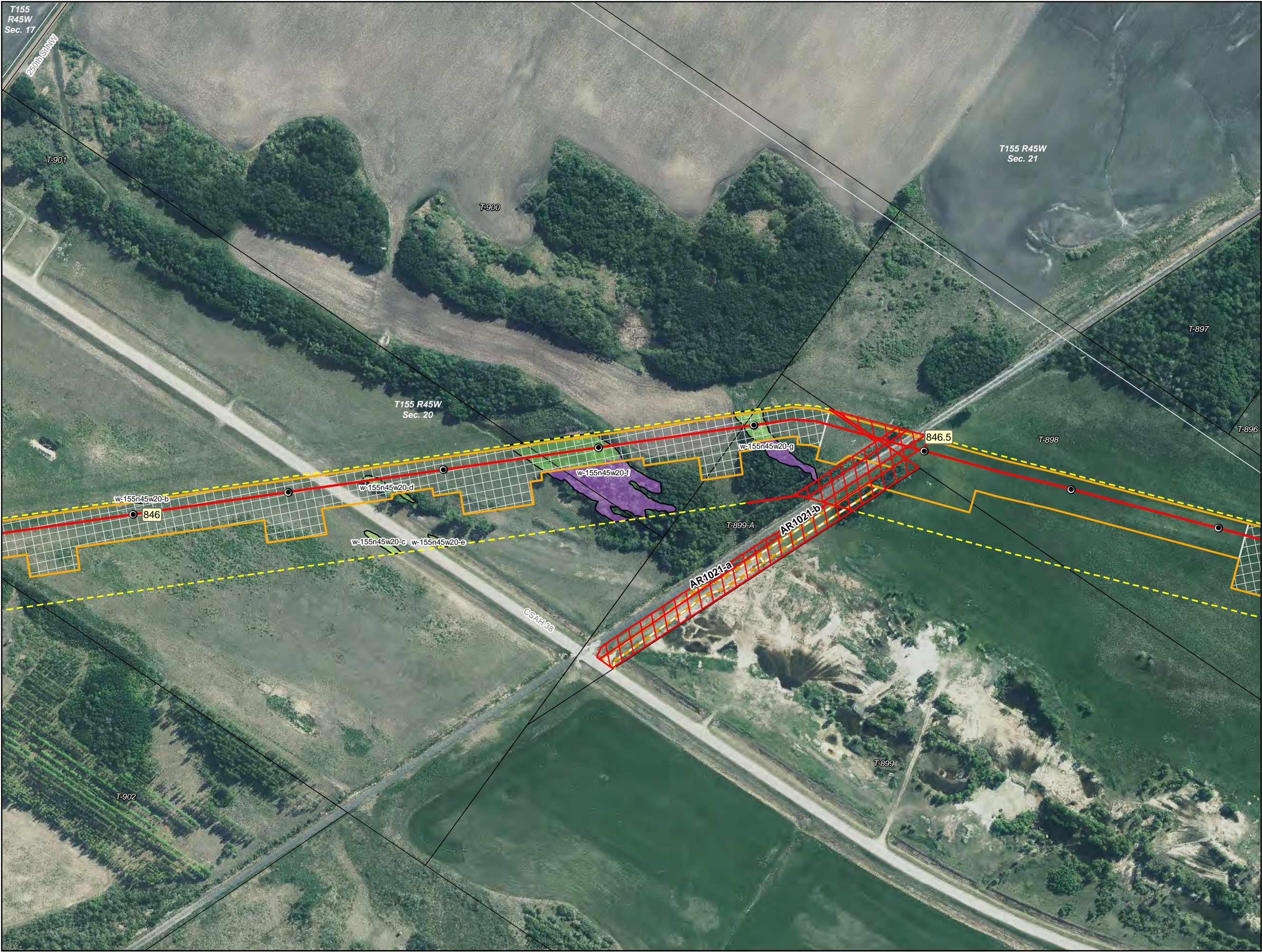
Detailed Route Maps

Line 3 Replacement Project

Marshall County, Minnesota



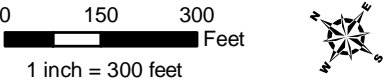




- Milepost
- Line 3 Centerline
- Construction Workspace
- Access Road
- Haul Road/Corner Improvement
- COE Permit Area
- Survey Corridor
- Field Survey Partially or Not Complete
- Parcel Boundary
- County Boundary
- Section Boundary
- Cathodic Protection
- Valve Location
- Pump Station

**Environmental Field Data**

- Wetlands**
- | Field Delineated Wetland | NWI Wetlands |
|--------------------------|--------------|
| PEM                      | PEM          |
| PFO                      | PFO          |
| PSS                      | PSS          |
| PUB                      | PUB          |
- Waterbodies**
- | Field Delineated Waterbody | NWI Waterbodies |
|----------------------------|-----------------|
| Field Delineated Waterbody | Lake/Pond       |
| NHD Waterbody              | Riverine        |



**Detailed Route Maps**  
**Line 3 Replacement Project**  
**Marshall County, Minnesota**





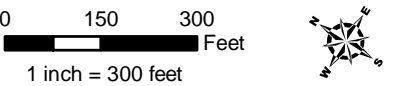






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|--------------------------|--------------|
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| PSS                      | PSS          |
| PUB                      | PUB          |
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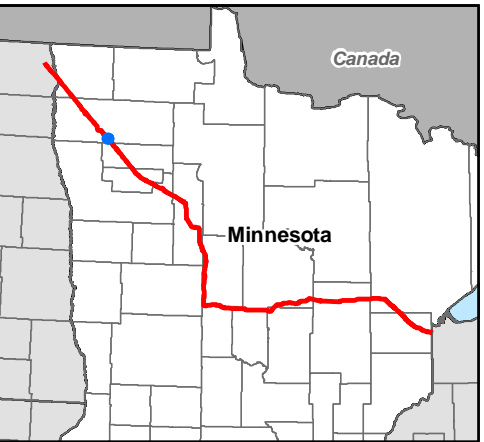
## Detailed Route Maps

### Line 3 Replacement Project

Marshall County, Minnesota

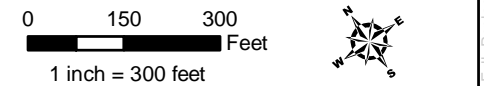






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- Environmental Field Data**
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- |                          |              |
|--------------------------|--------------|
| Field Delineated Wetland | NWI Wetlands |
| PEM                      | PEM          |
| PFO                      | PFO          |
| PSS                      | PSS          |
| PUB                      | PUB          |
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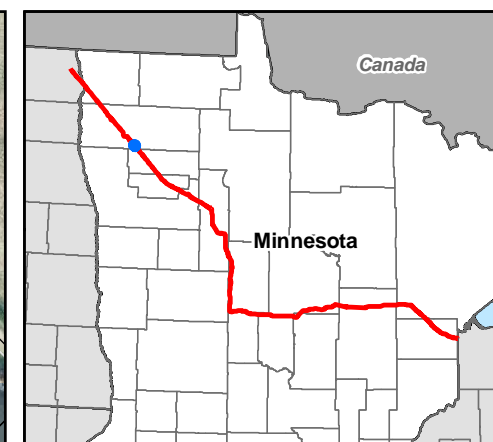
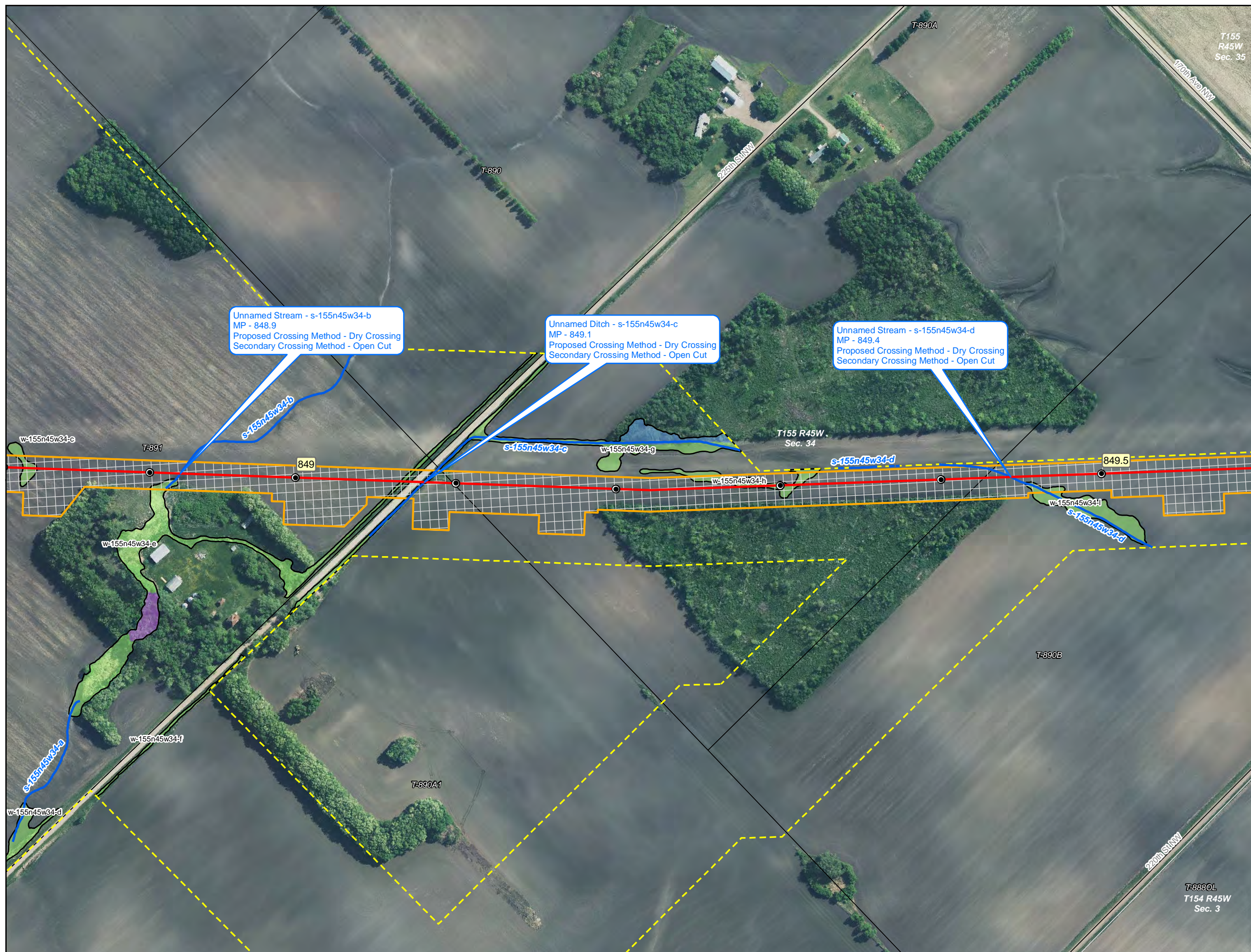
















## Detailed Route Maps

### Line 3 Replacement Project

Marshall County, Minnesota





-  Milepost
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-  Pump Station

## Environmental Field Data

## Wetlands

Field Delineated Wetland

NW1 Wetlands

■ PEM

 PFM

■ PFC

 PFO

 PSS

 PSS

PUB



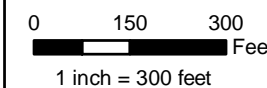
## Waterbodies

— Field Delineated Waterbody

- ■ ■ NHD Waterbody

NWI Waterbodies

 Lake/Pond

 Riverine

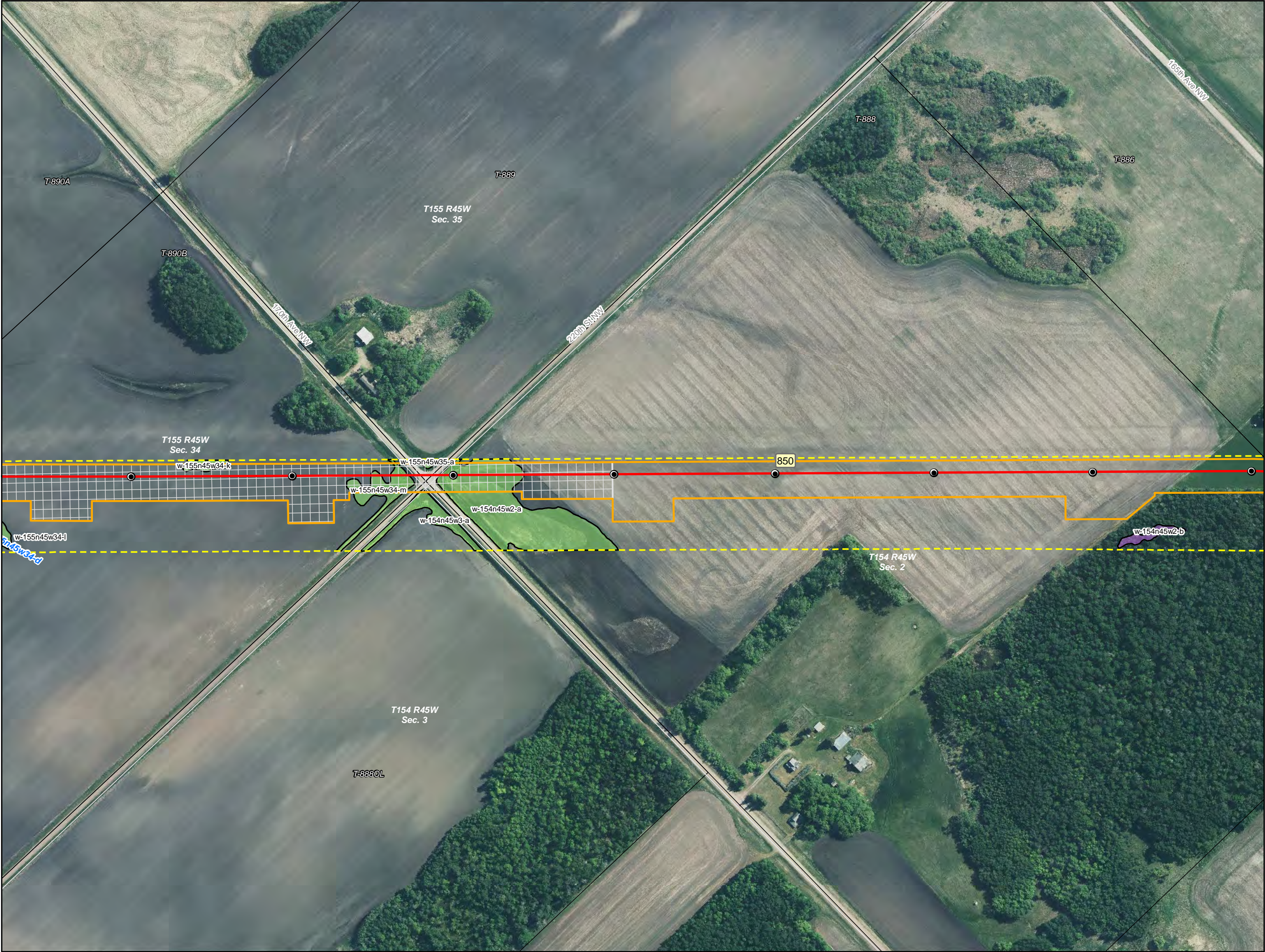
## Detailed Route Maps

## Line 3 Replacement Project

Marshall County, Minnesota







- Milepost
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**Environmental Field Data**

- Wetlands**
- |                          |              |
|--------------------------|--------------|
| Field Delineated Wetland | NWI Wetlands |
| PEM                      | PEM          |
| PFO                      | PFO          |
| PSS                      | PSS          |
| PUB                      | PUB          |
- Waterbodies**
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  - NWI Waterbodies
  - Lake/Pond
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**Detailed Route Maps**  
**Line 3 Replacement Project**  
Marshall County, Minnesota





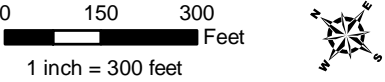


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**Environmental Field Data**

Wetlands	
Field Delineated Wetland	NWI Wetlands
PEM	PEM
PFO	PFO
PSS	PSS
PUB	PUB

Waterbodies	
Field Delineated Waterbody	
NHD Waterbody	
NWI Waterbodies	
Lake/Pond	
Riverine	



**Detailed Route Maps**  
**Line 3 Replacement Project**

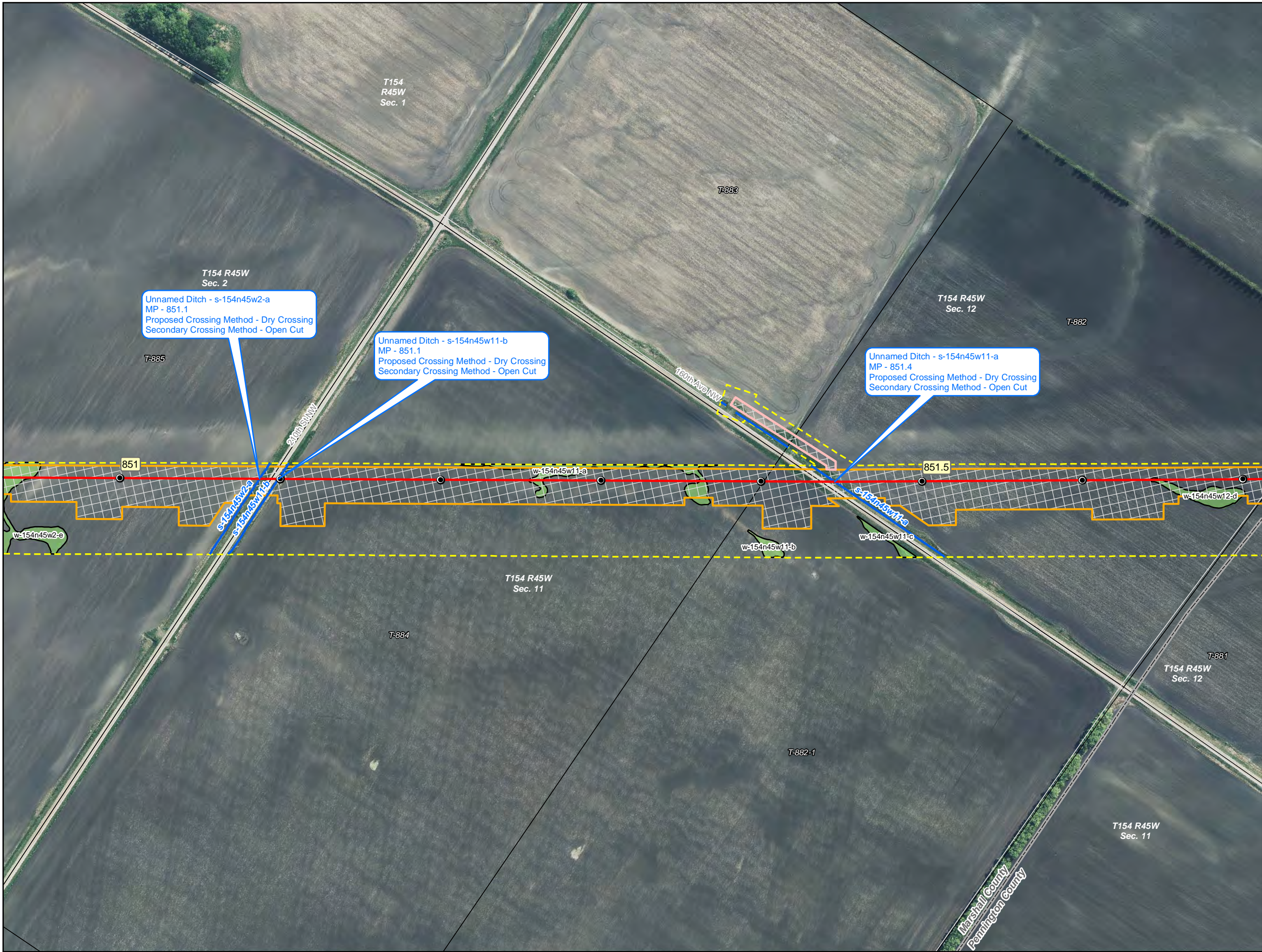
Marshall County, Minnesota



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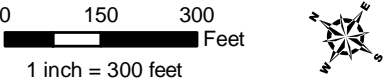




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Environmental Field Data

- Wetlands**
- | Field Delineated Wetland | NWI Wetlands |
|--------------------------|--------------|
| PEM                      | PEM          |
| PFO                      | PFO          |
| PSS                      | PSS          |
| PUB                      | PUB          |
- Waterbodies**
- Field Delineated Waterbody
  - NHD Waterbody
- NWI Waterbodies**
- Lake/Pond
  - Riverine



Detailed Route Maps  
Line 3 Replacement Project

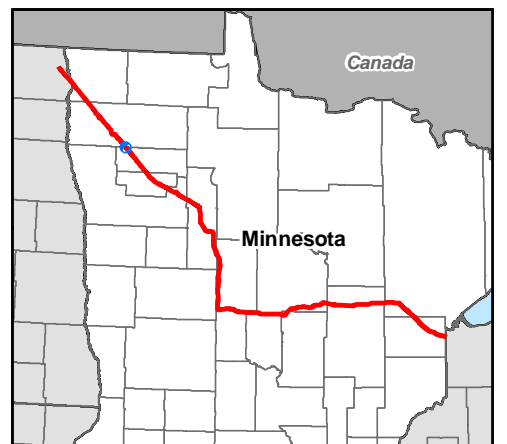
Marshall and Pennington Counties, Minnesota

















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Date: (10/31/2019)





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## Environmental Field Data

## Wetlands

Field Delineated Wetland

NWI Wetlands

PEM

 PEM

■ PFO

PEW  
PEO

■ PSS

 PPO  
 PSS

PUB

 FSS

 PLIB

## Waterbodies

— Field Delineated Waterbody

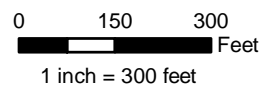
■ ■ ■ NHD Waterbody

NWI Waterbodies

 Lake/Pond

 Riverine

100



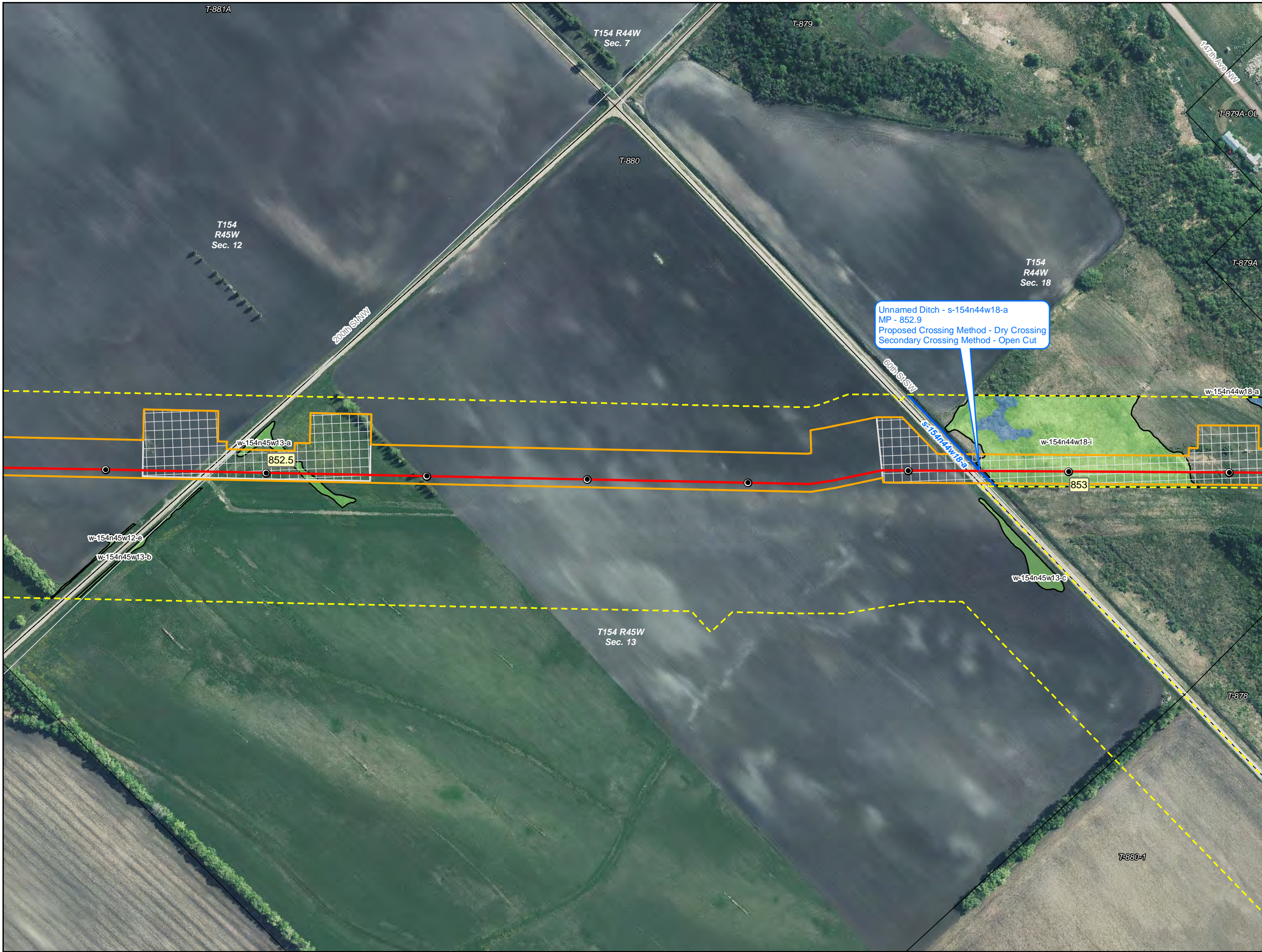
## Detailed Route Maps

## Line 3 Replacement Project

Marshall and Pennington Counties, Minnesota

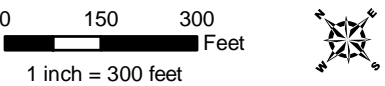






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- Environmental Field Data**
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- |                          |              |
|--------------------------|--------------|
| Field Delineated Wetland | NWI Wetlands |
| PEM                      | PEM          |
| PFO                      | PFO          |
| PSS                      | PSS          |
| PUB                      | PUB          |
- Waterbodies**
- Field Delineated Waterbody
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**Detailed Route Maps**

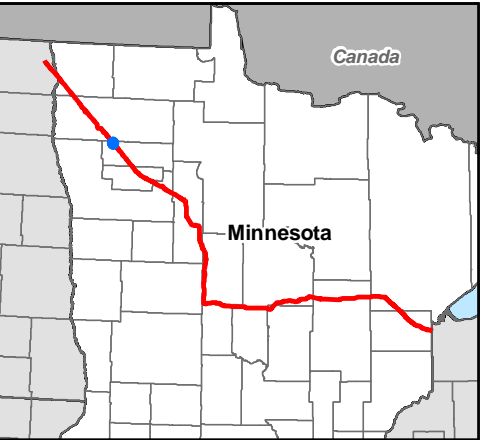
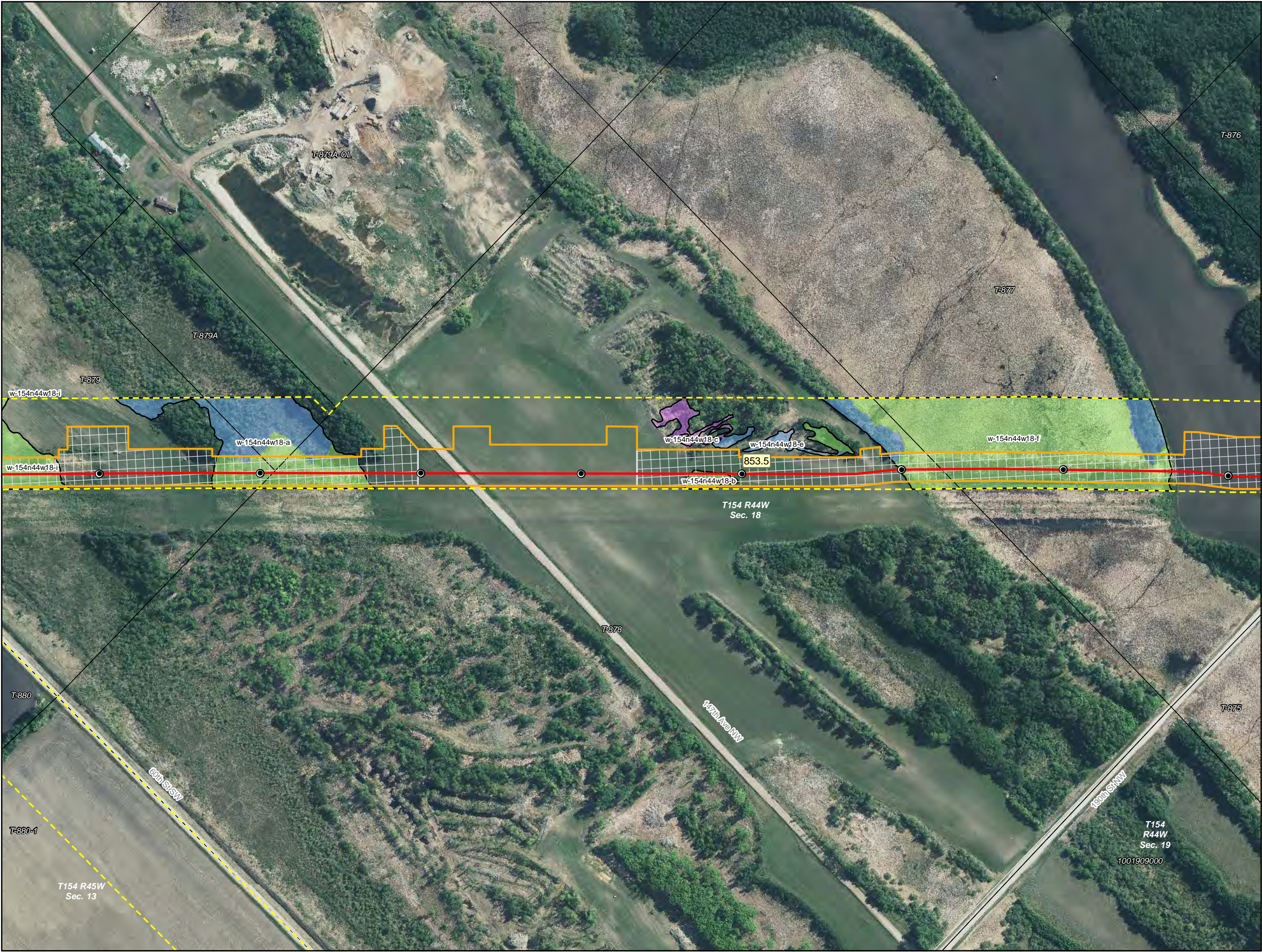
**Line 3 Replacement Project**

Pennington County, Minnesota



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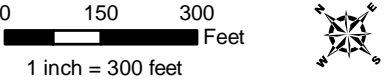




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| PSS                      | PSS          |
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**Detailed Route Maps**  
**Line 3 Replacement Project**

Pennington County, Minnesota

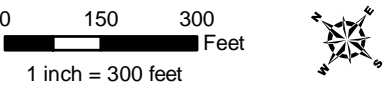






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**Detailed Route Maps**

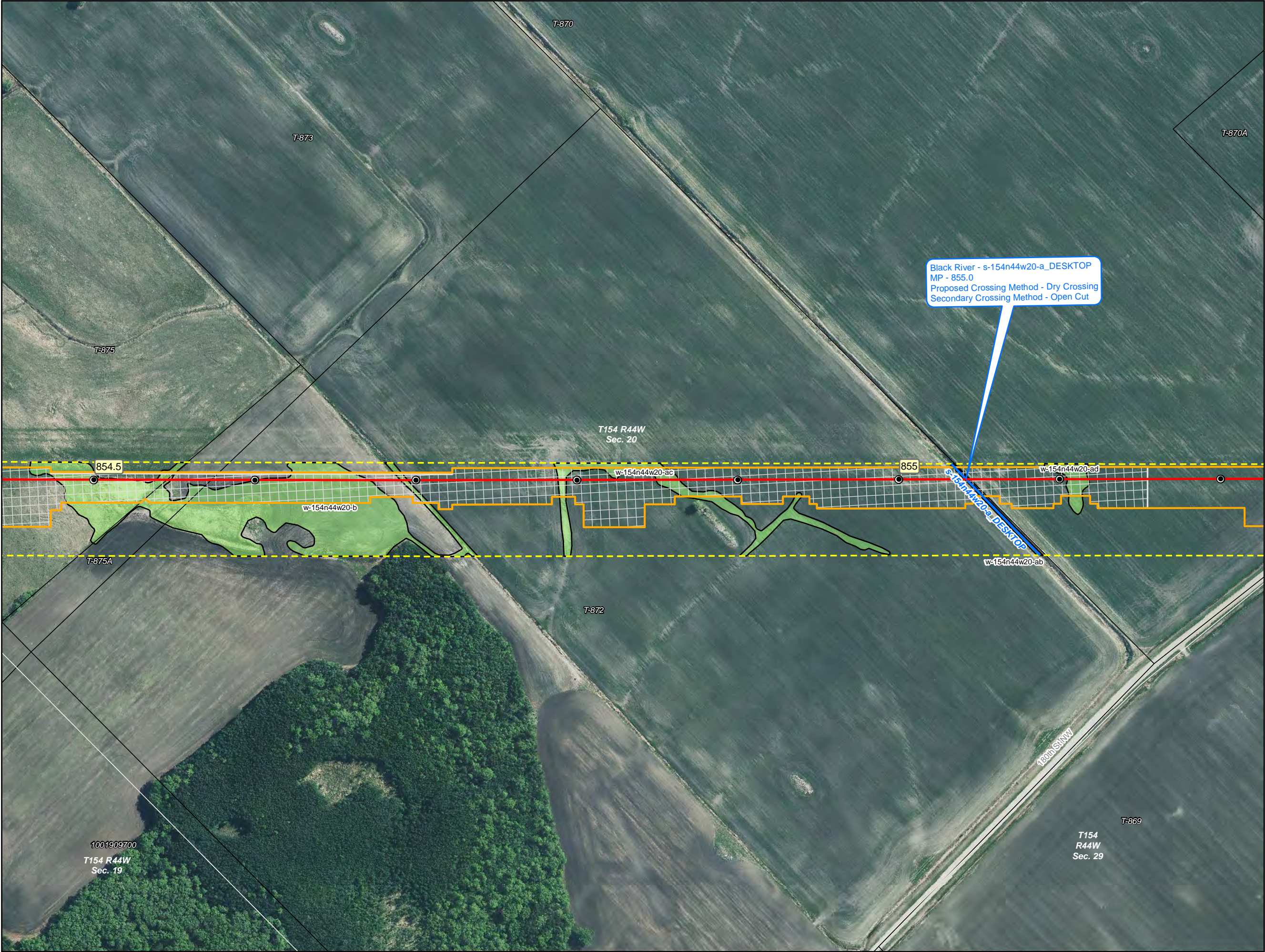
**Line 3 Replacement Project**

Pennington County, Minnesota



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**Environmental Field Data**

**Wetlands**

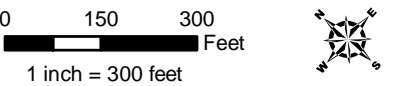
Field Delineated Wetland	NWI Wetlands
PEM	PEM
PFO	PFO
PSS	PSS
PUB	PUB

**Waterbodies**

- Field Delineated Waterbody
- NHD Waterbody

**NWI Waterbodies**

- Lake/Pond
- Riverine



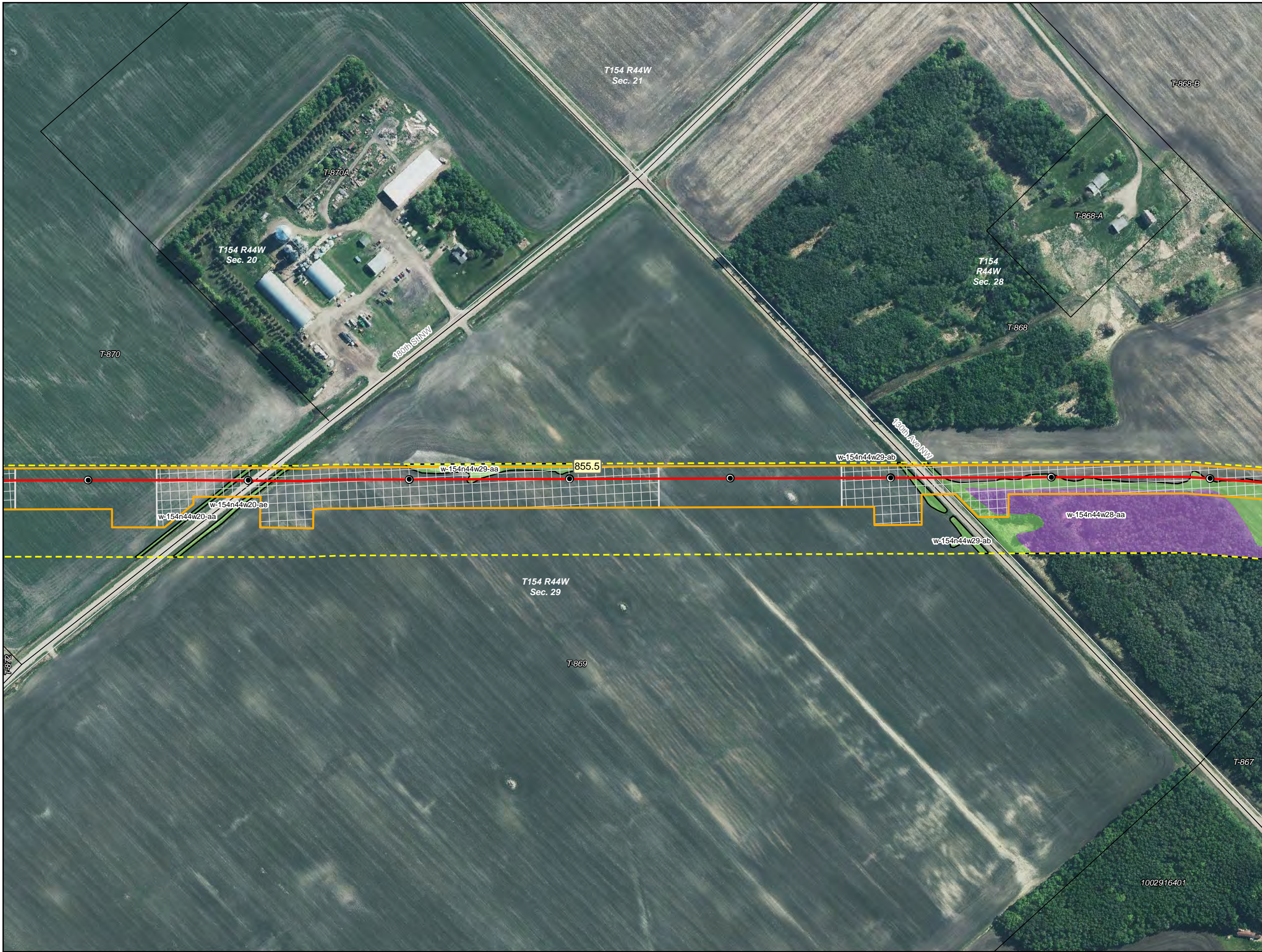
**Detailed Route Maps**

**Line 3 Replacement Project**

Pennington County, Minnesota

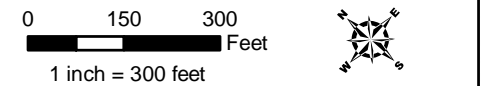






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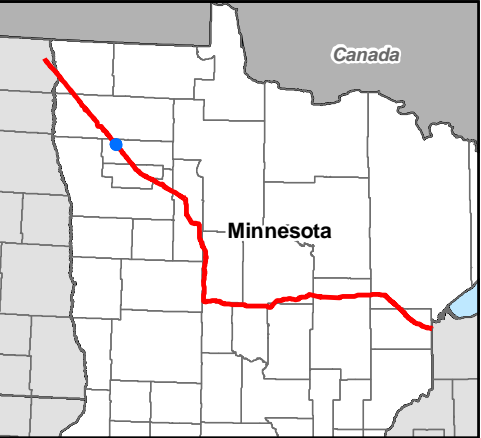
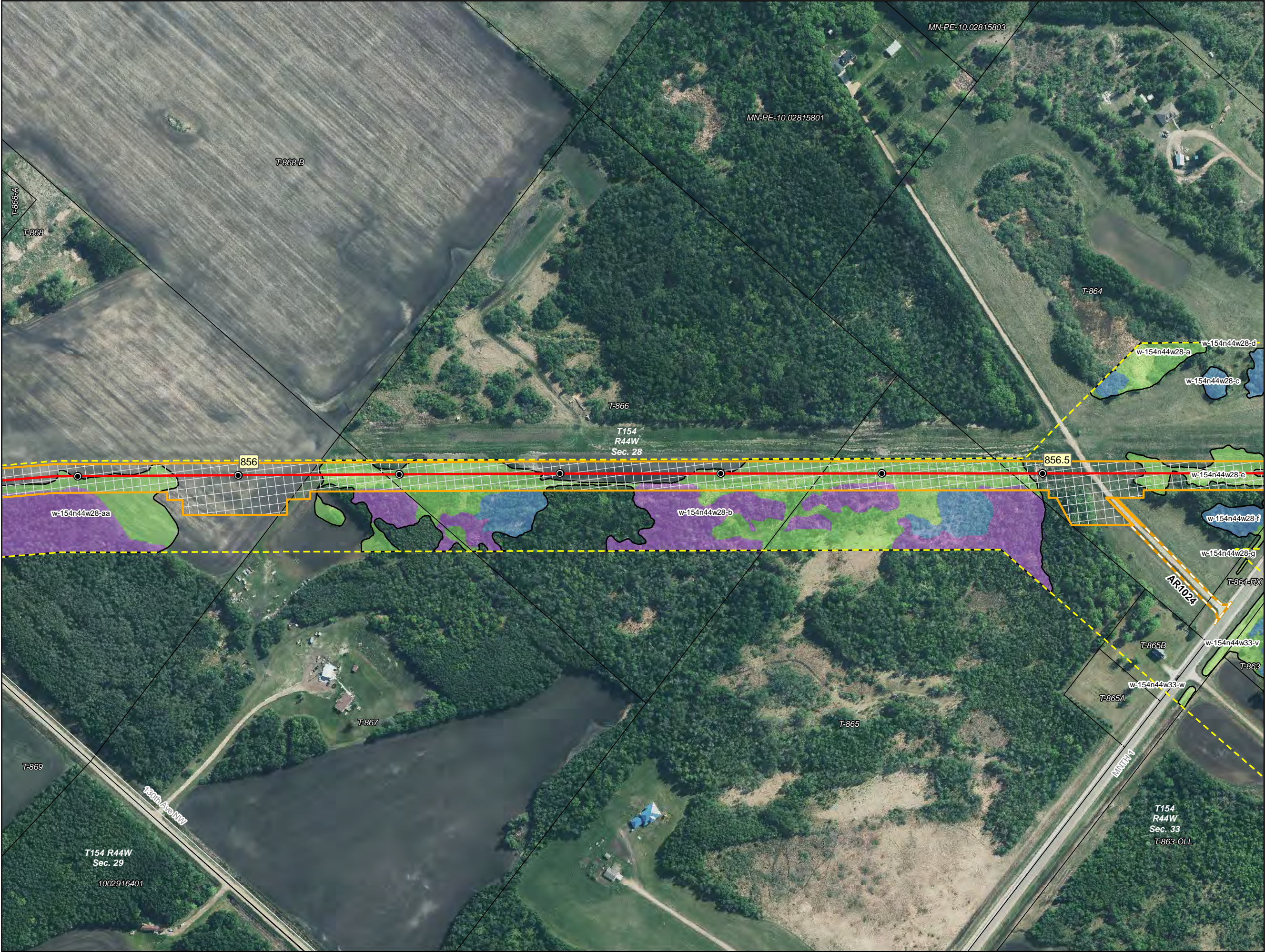
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### Line 3 Replacement Project

Pennington County, Minnesota

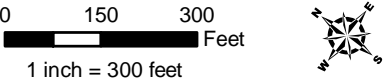
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- |                          |              |
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**Detailed Route Maps**

**Line 3 Replacement Project**

Pennington County, Minnesota



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