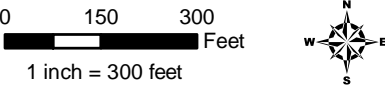


- Milepost
- Line 3 Centerline
- Construction Workspace
- Access Road
- Haul Road/Corner Improvement
- COE Permit Area
- Survey Corridor
- Field Survey Partially or Not Complete
- Parcel Boundary
- County Boundary
- Section Boundary
- Cathodic Protection
- Valve Location
- Pump Station

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

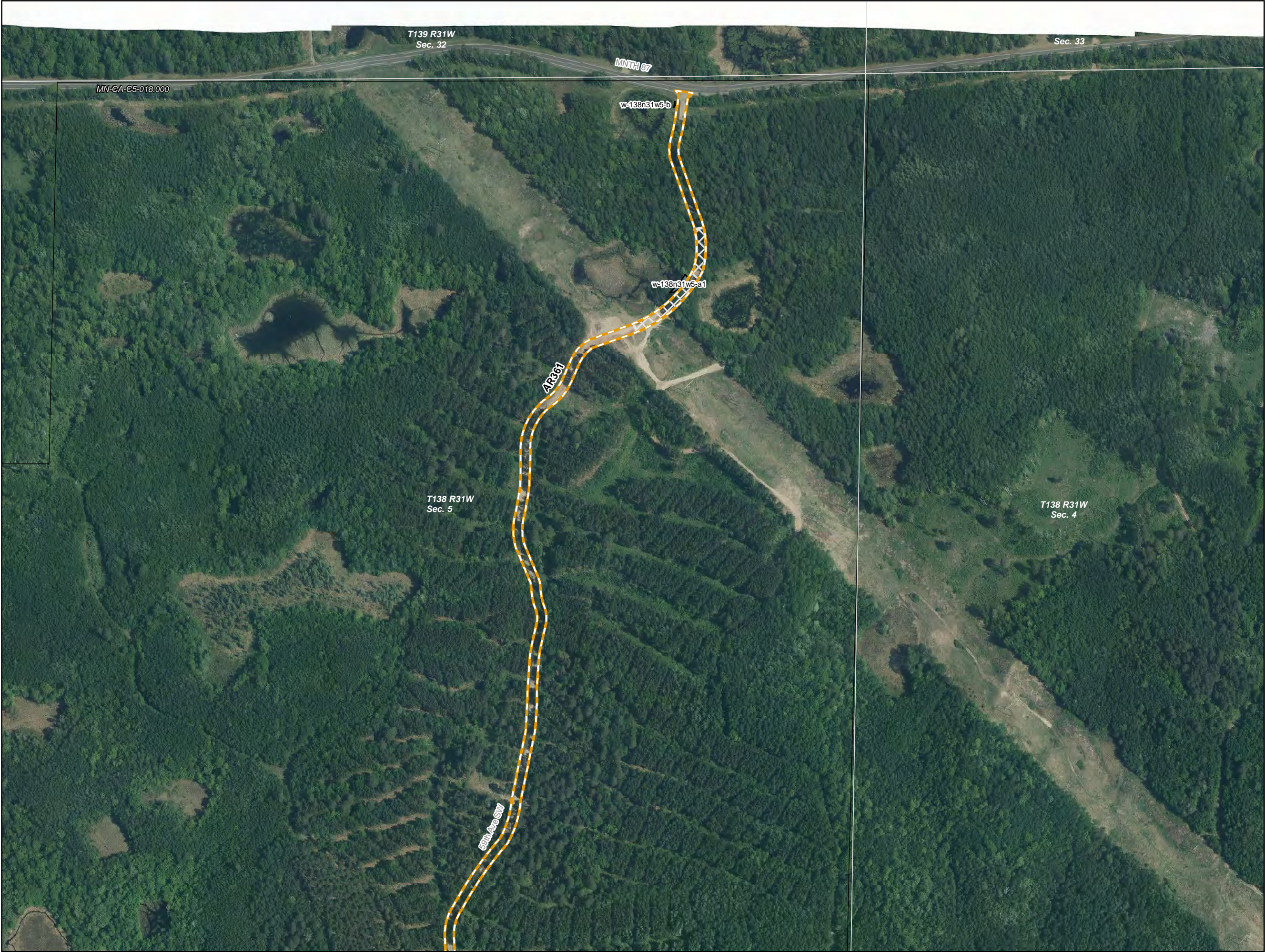


Detailed Route Maps

Line 3 Replacement Project

Cass County, Minnesota

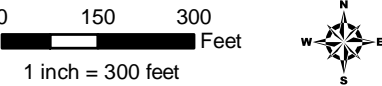




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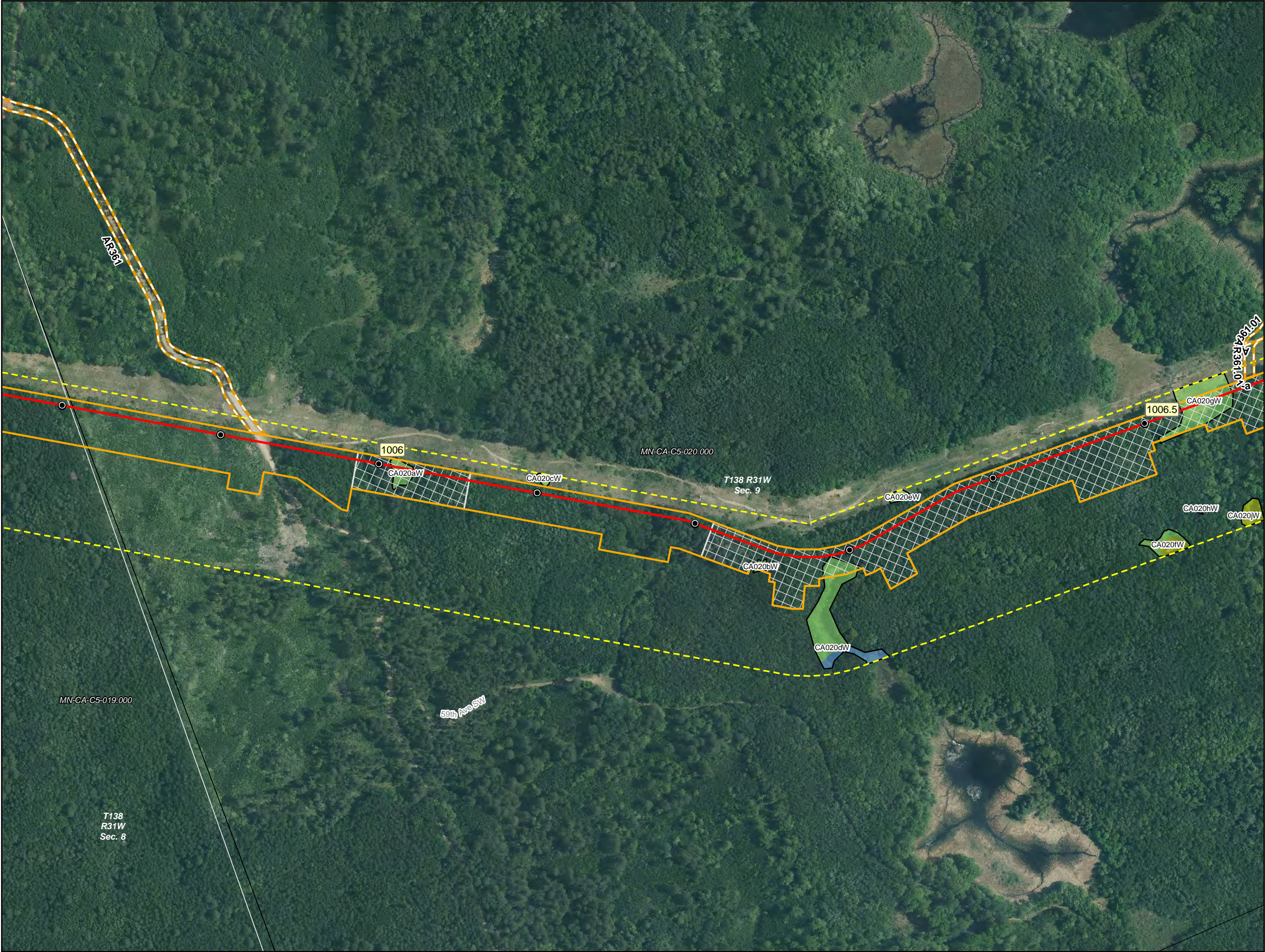


Detailed Route Maps

Line 3 Replacement Project

Cass County, Minnesota



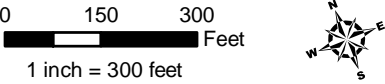


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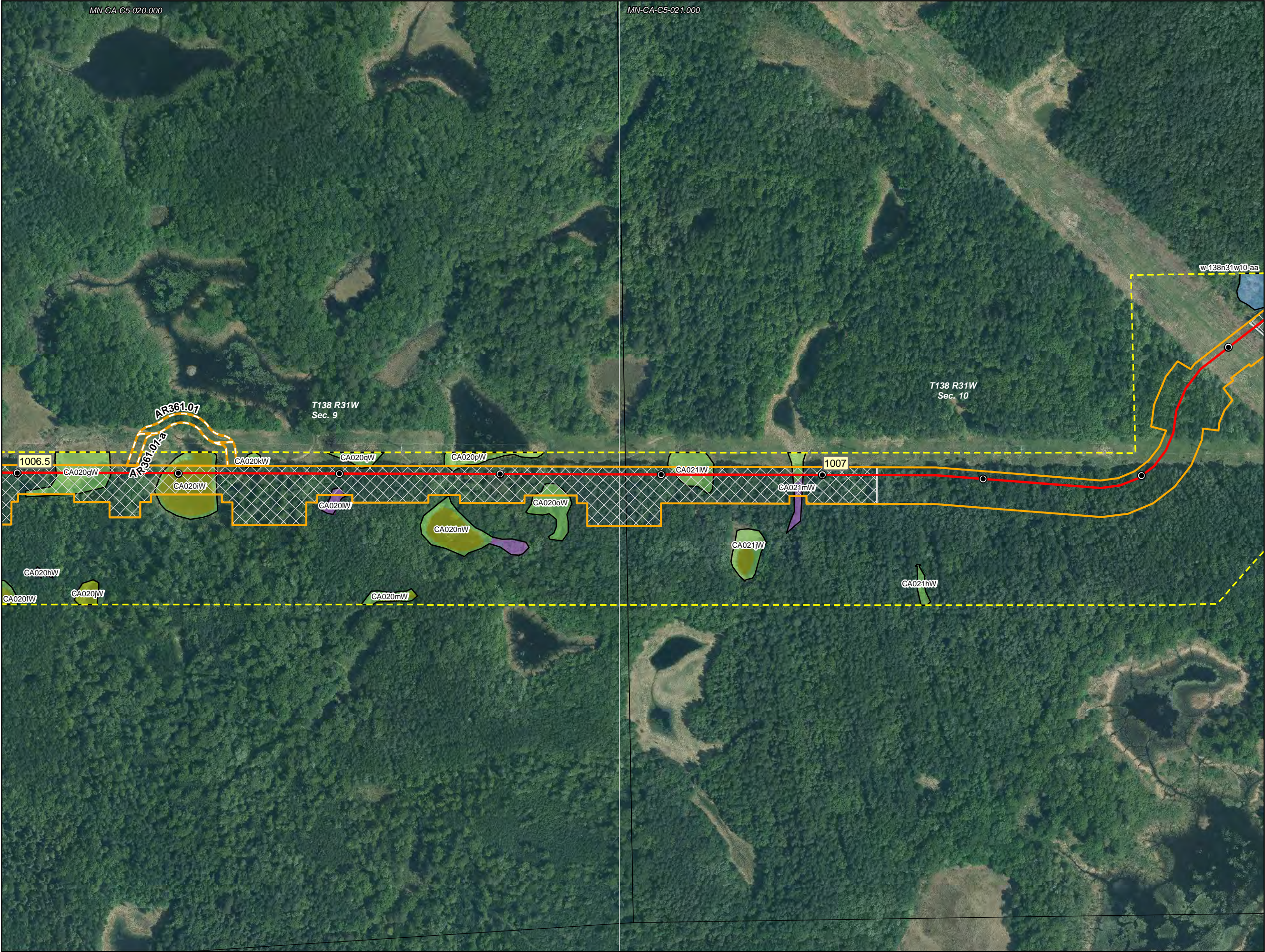
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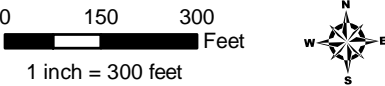
Detailed Route Maps
Line 3 Replacement Project
Cass County, Minnesota





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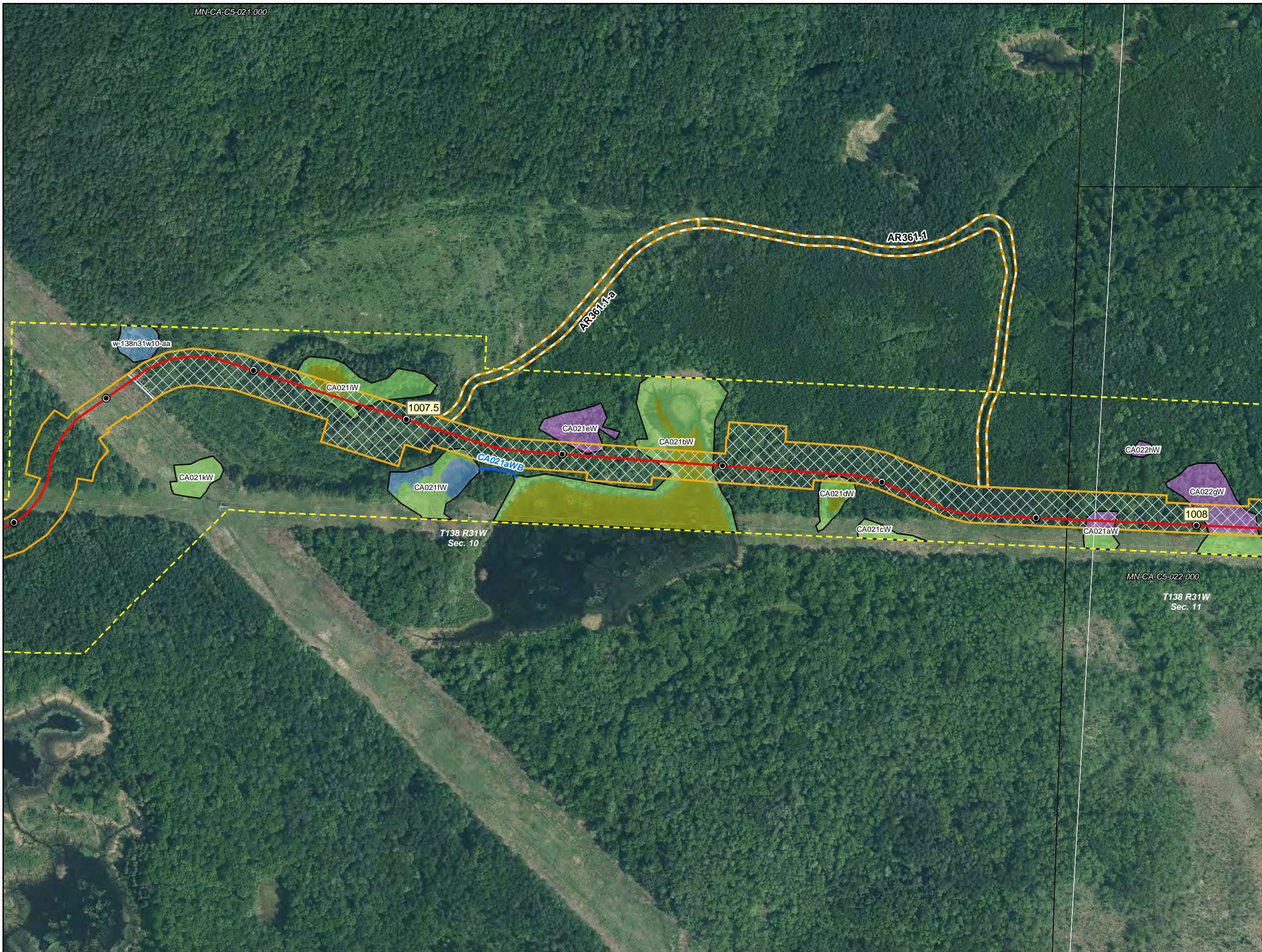
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Line 3 Replacement Project

Cass County, Minnesota

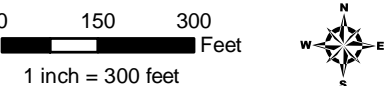


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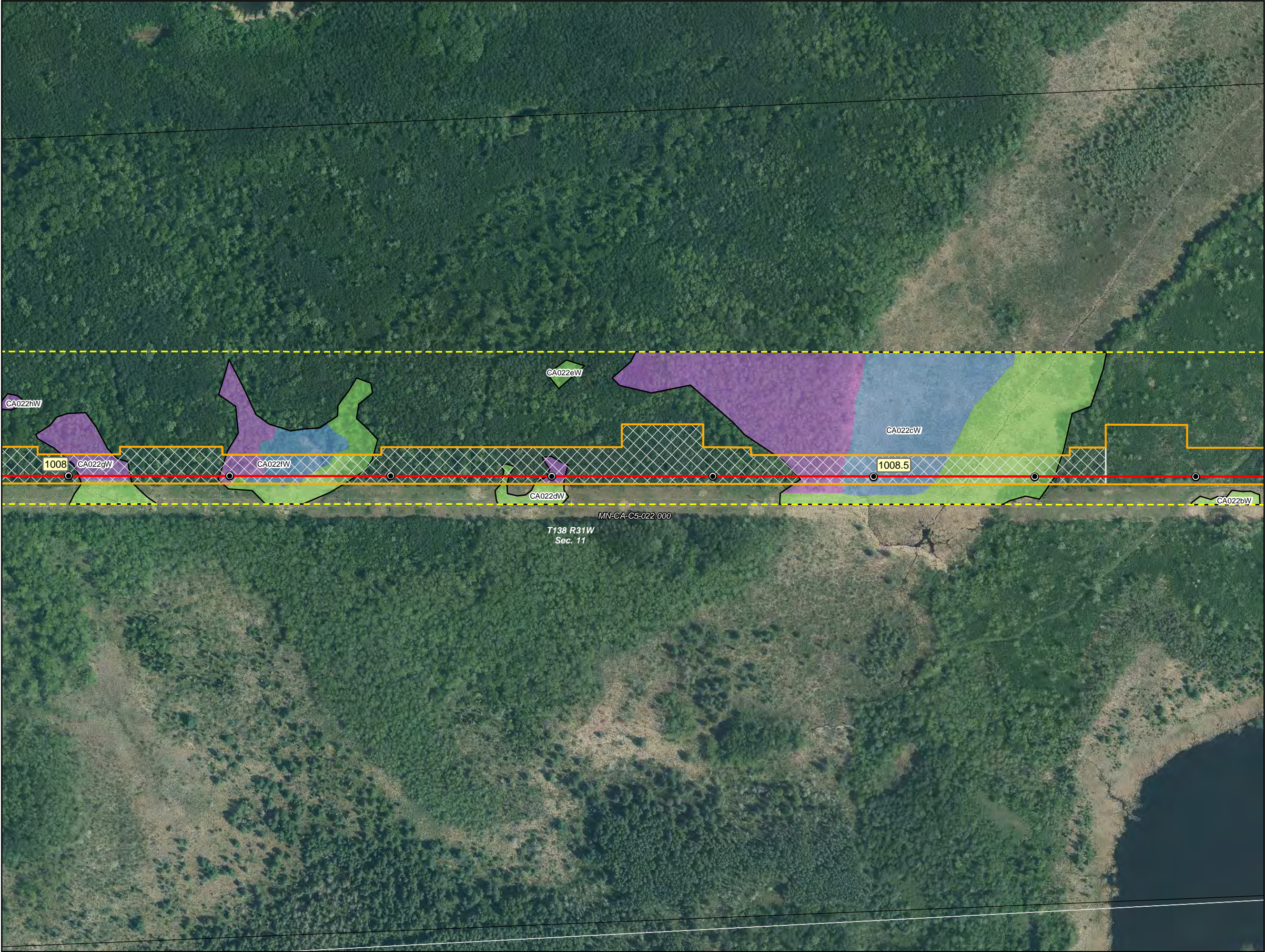


Detailed Route Maps

Line 3 Replacement Project

Cass County, Minnesota

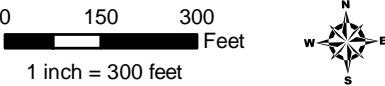




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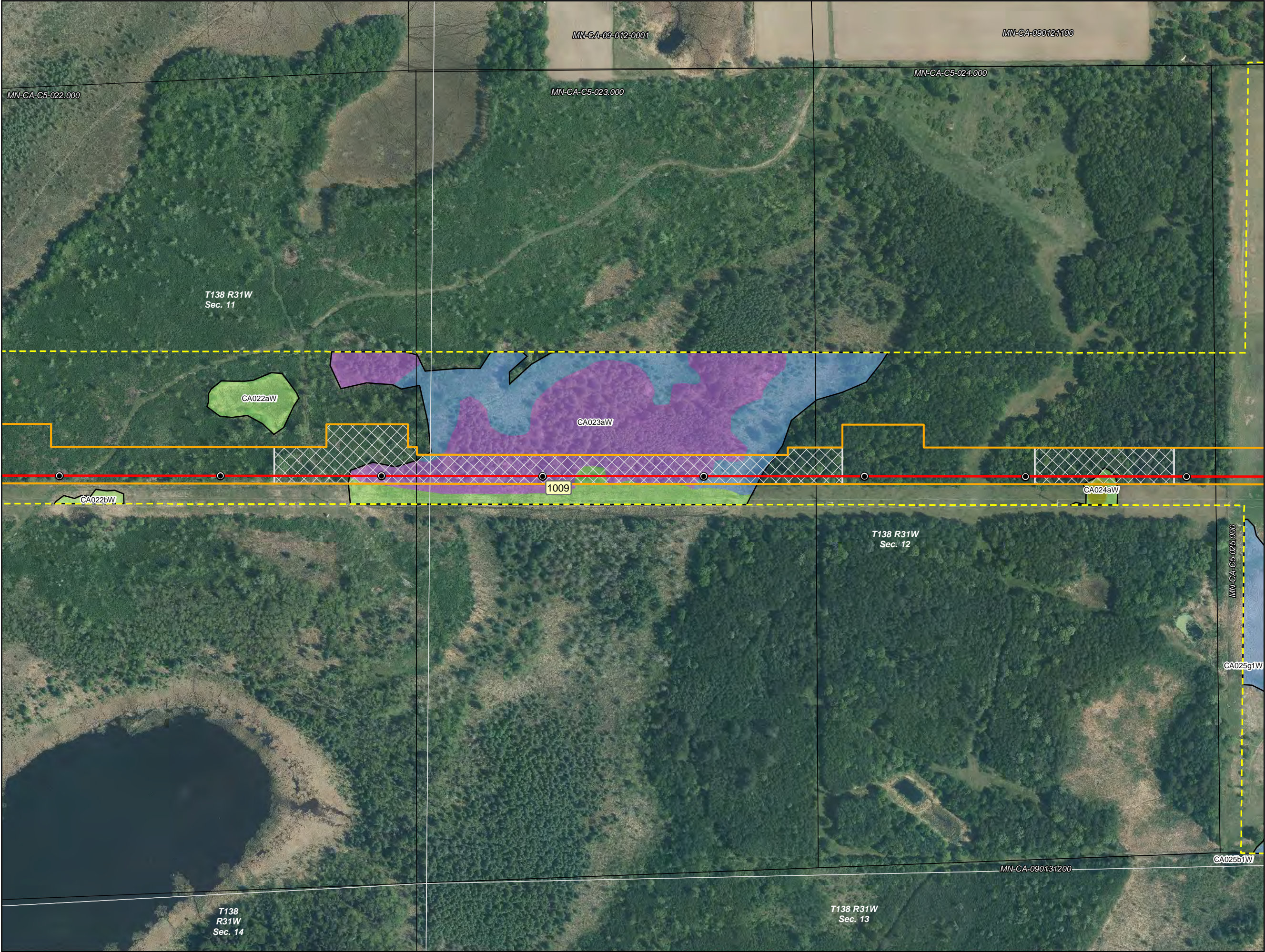


Detailed Route Maps

Line 3 Replacement Project

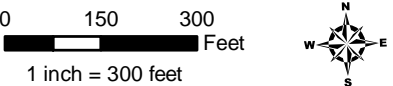
Cass County, Minnesota





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- Wetlands**
- | | |
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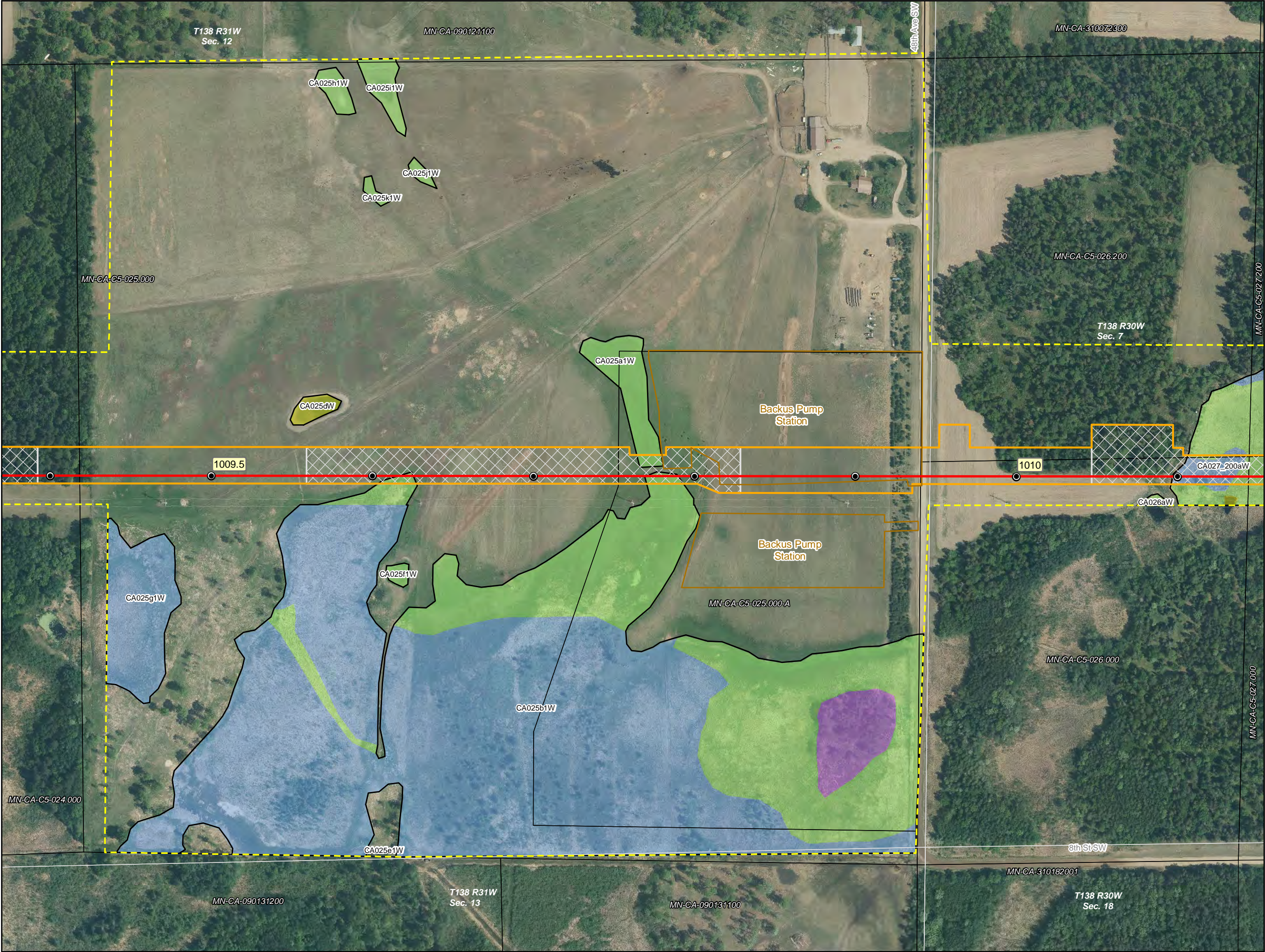
Detailed Route Maps

Line 3 Replacement Project

Cass County, Minnesota

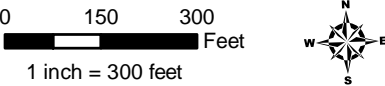


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- Milepost
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| PEM | PEM |
| PFO | PFO |
| PSS | PSS |
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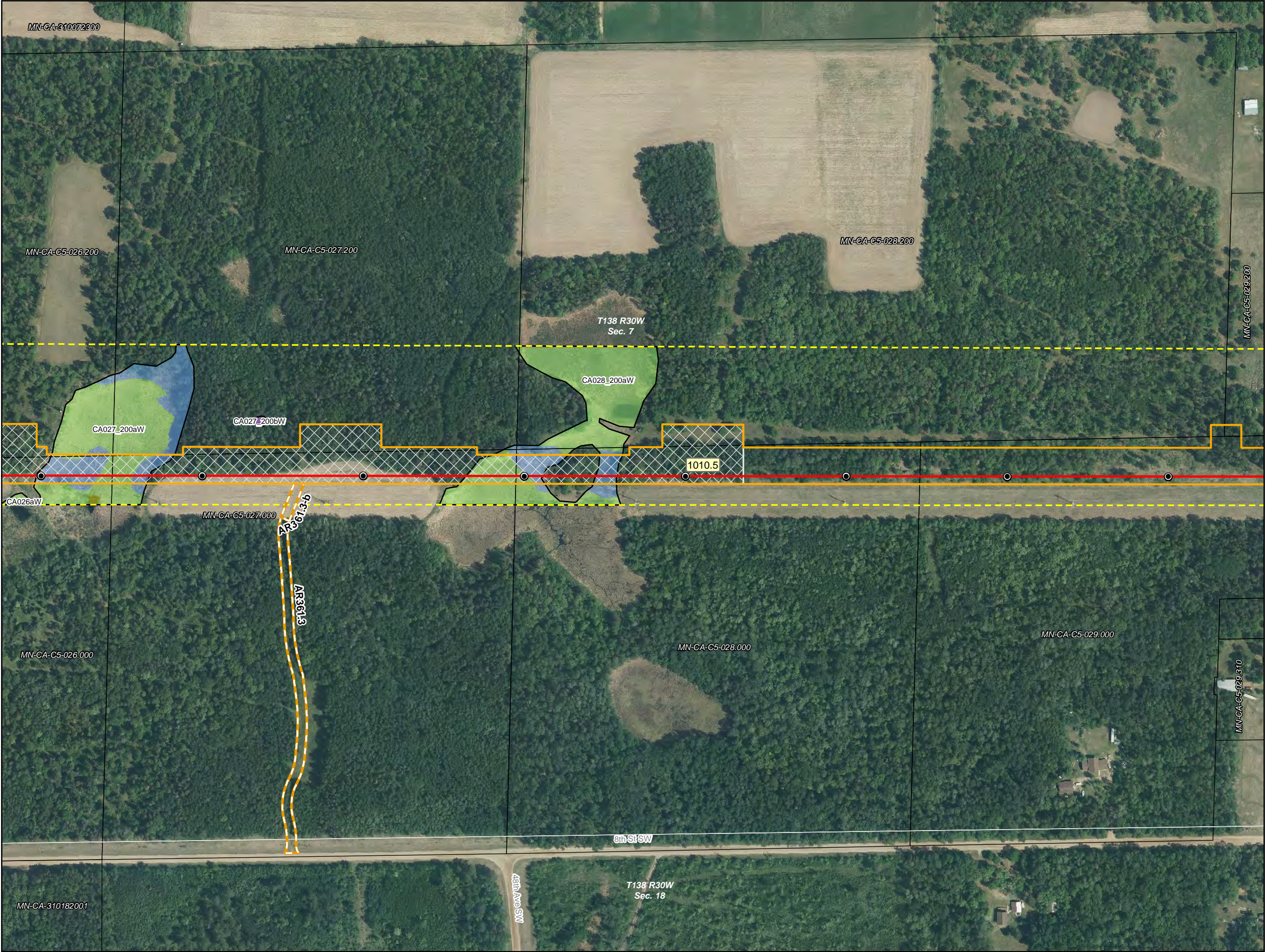
Detailed Route Maps

Line 3 Replacement Project

Cass County, Minnesota



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Environmental Field Data

Wetlands

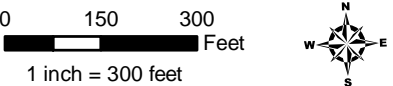
Field Delineated Wetland	NWI Wetlands
PEM	PEM
PFO	PFO
PSS	PSS
PUB	PUB

Waterbodies

- Field Delineated Waterbody
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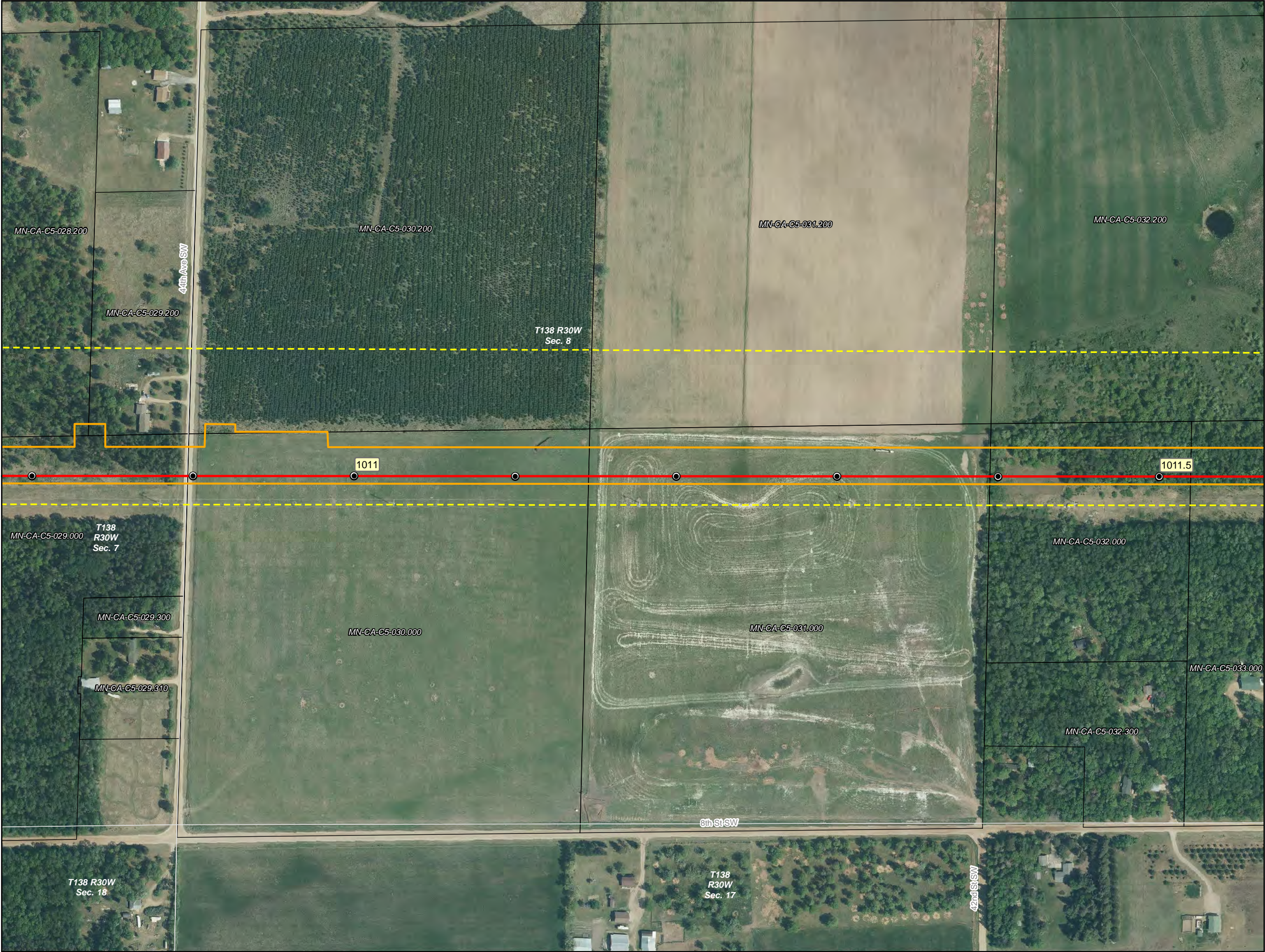
Detailed Route Maps

Line 3 Replacement Project

Cass County, Minnesota



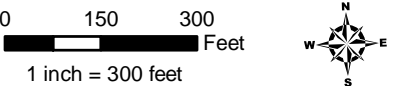
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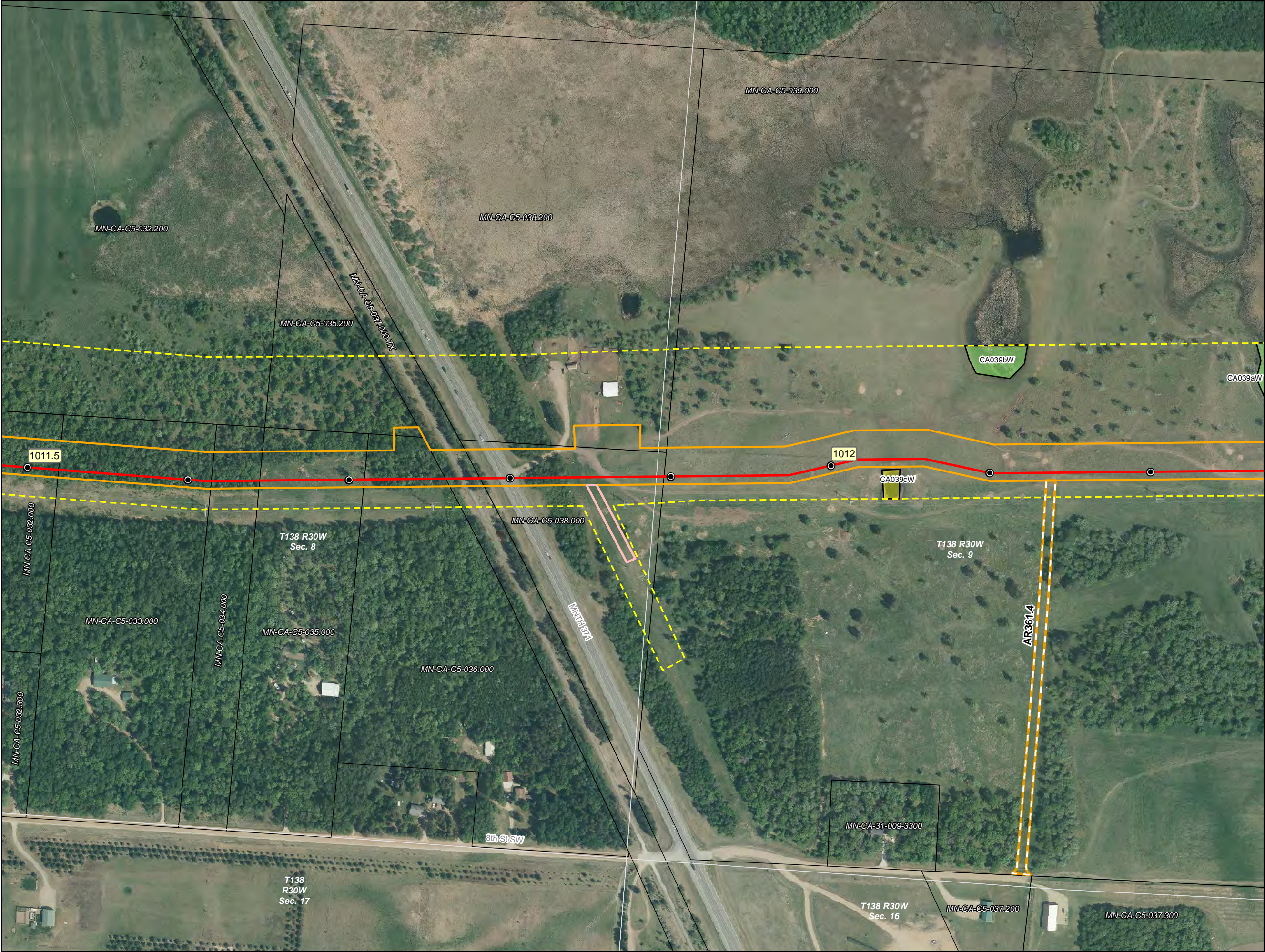
- Wetlands**
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|--------------------------|--------------|
| Field Delineated Wetland | NWI Wetlands |
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Detailed Route Maps
Line 3 Replacement Project
Cass County, Minnesota



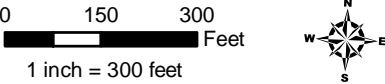
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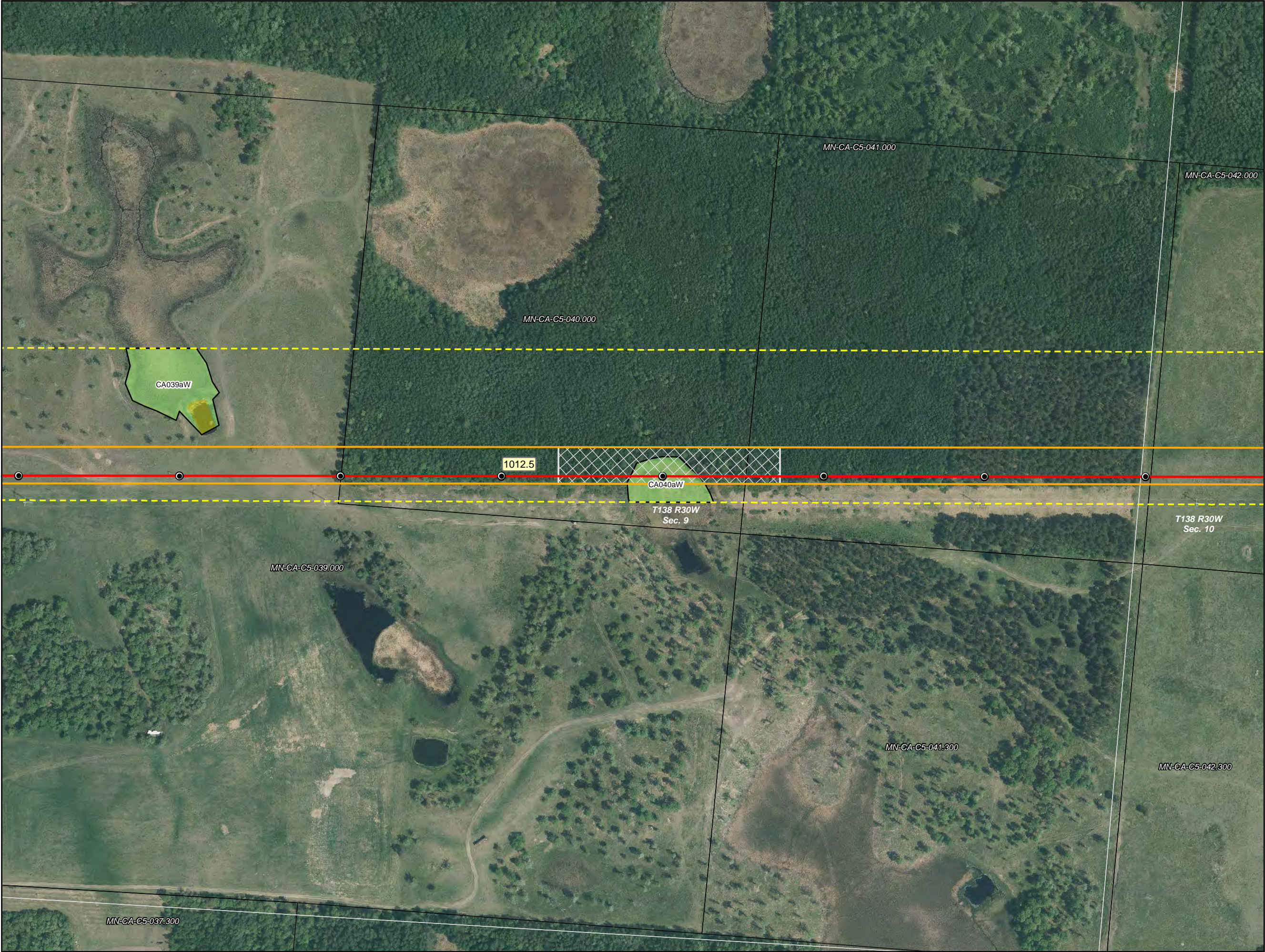


Detailed Route Maps
Line 3 Replacement Project
Cass County, Minnesota



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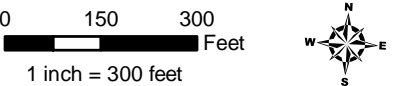


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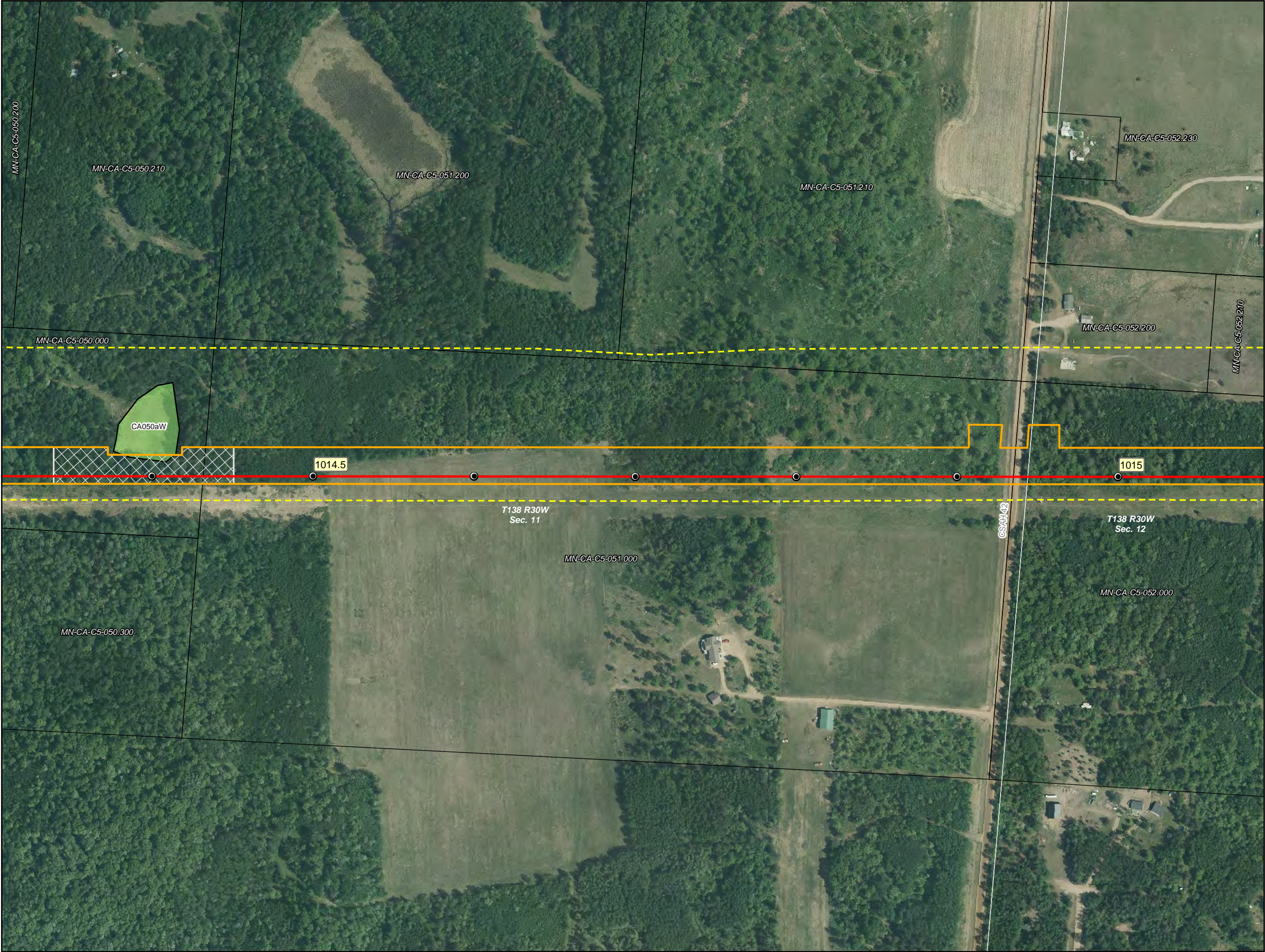


Detailed Route Maps

Line 3 Replacement Project

Cass County, Minnesota

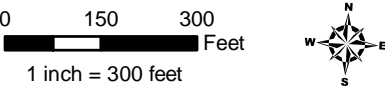




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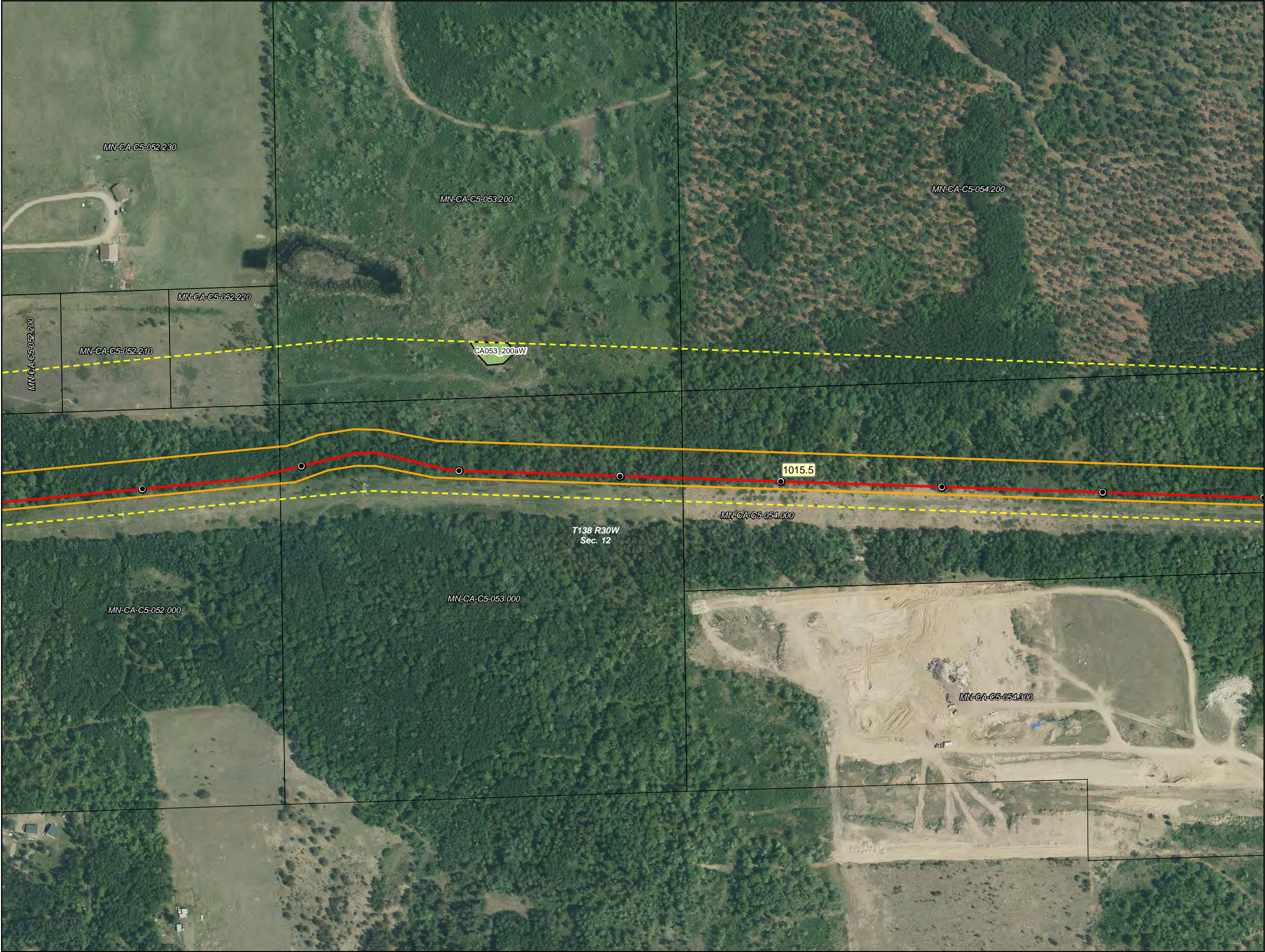
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Detailed Route Maps
Line 3 Replacement Project
Cass County, Minnesota



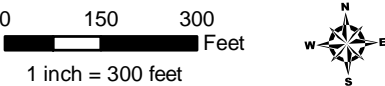


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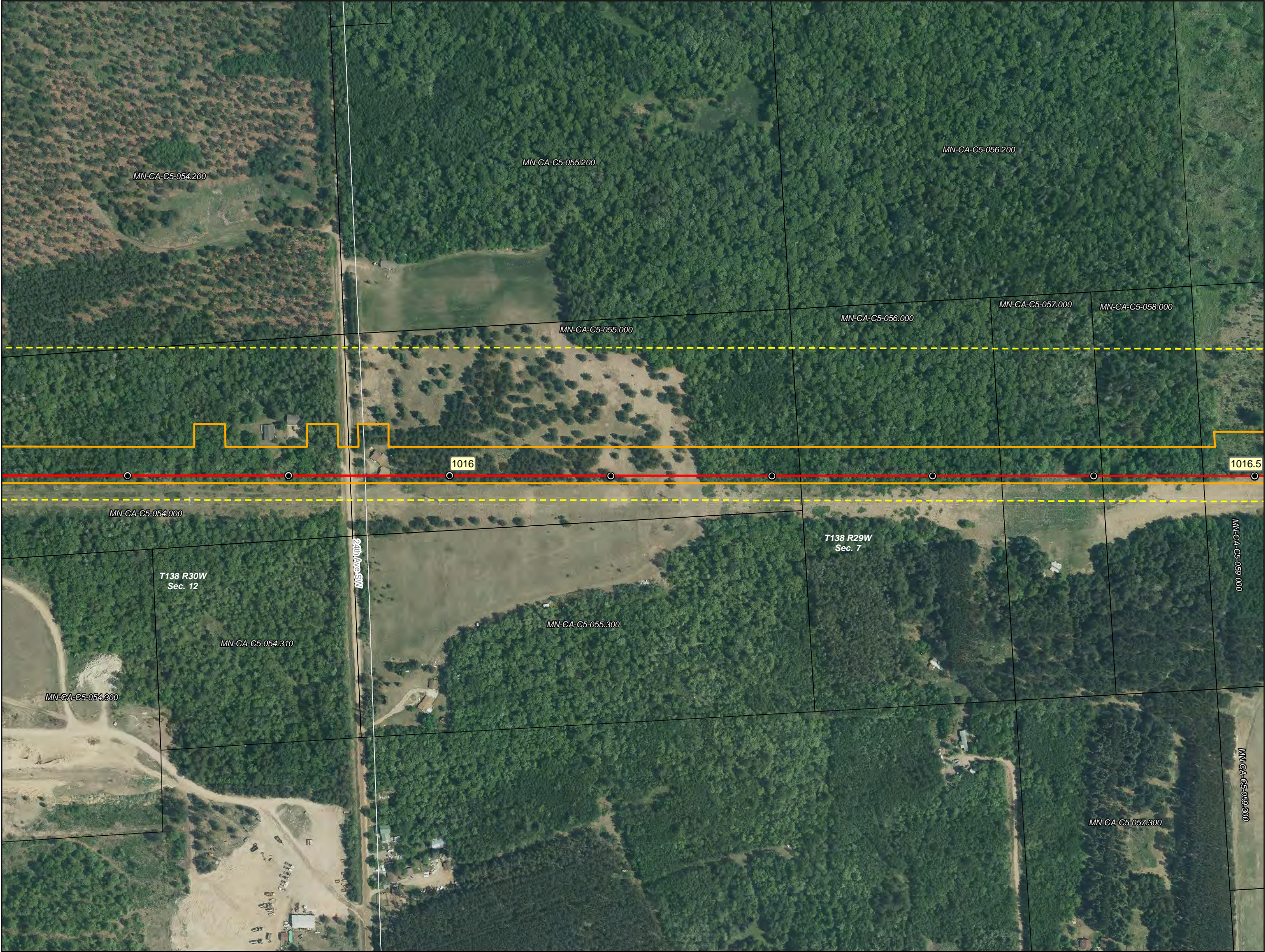


Detailed Route Maps

Line 3 Replacement Project

Cass County, Minnesota

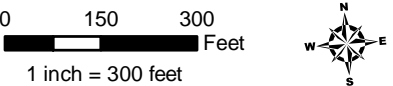




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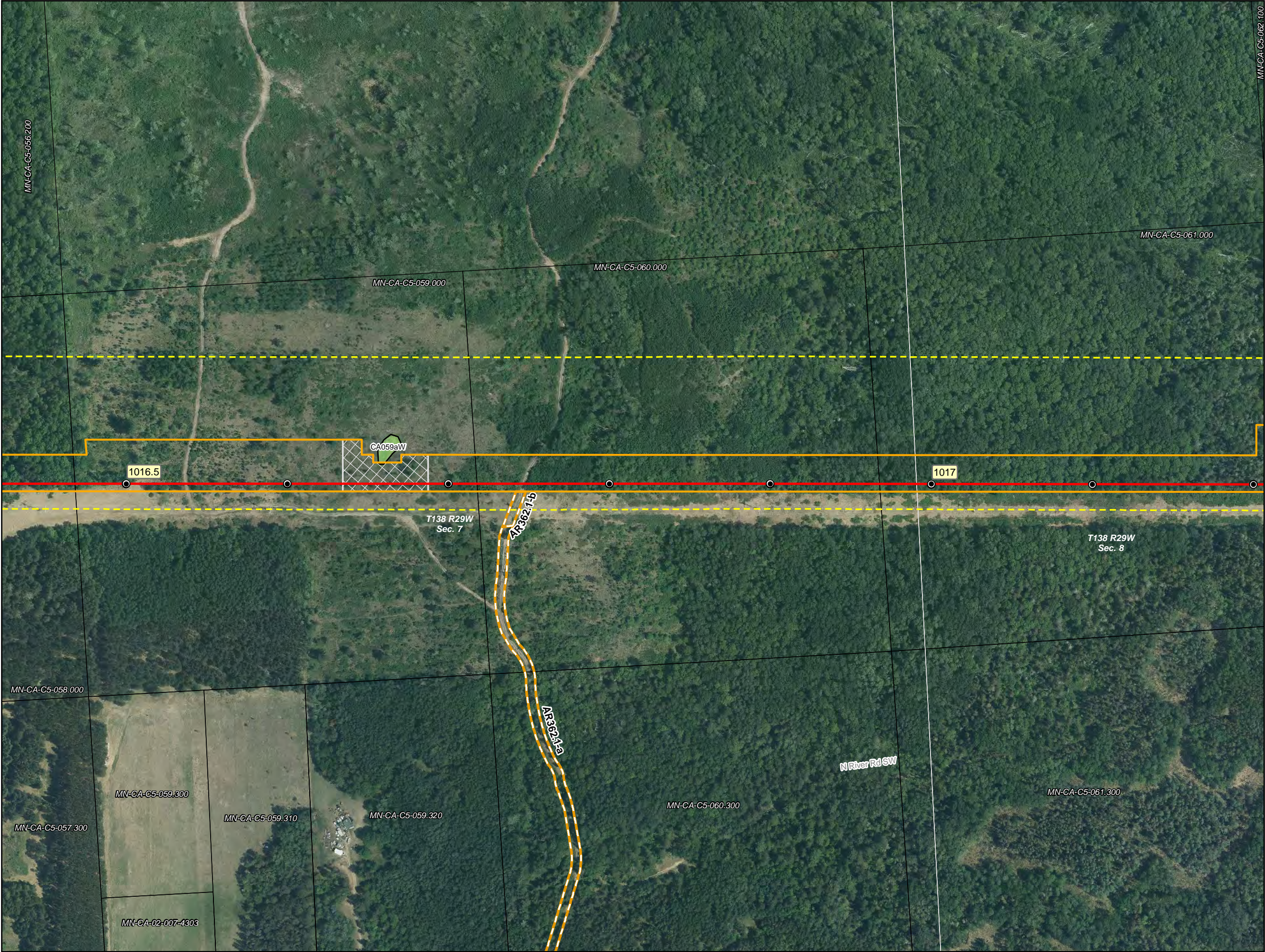
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Cass County, Minnesota



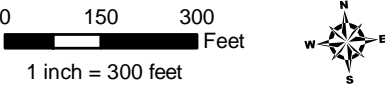
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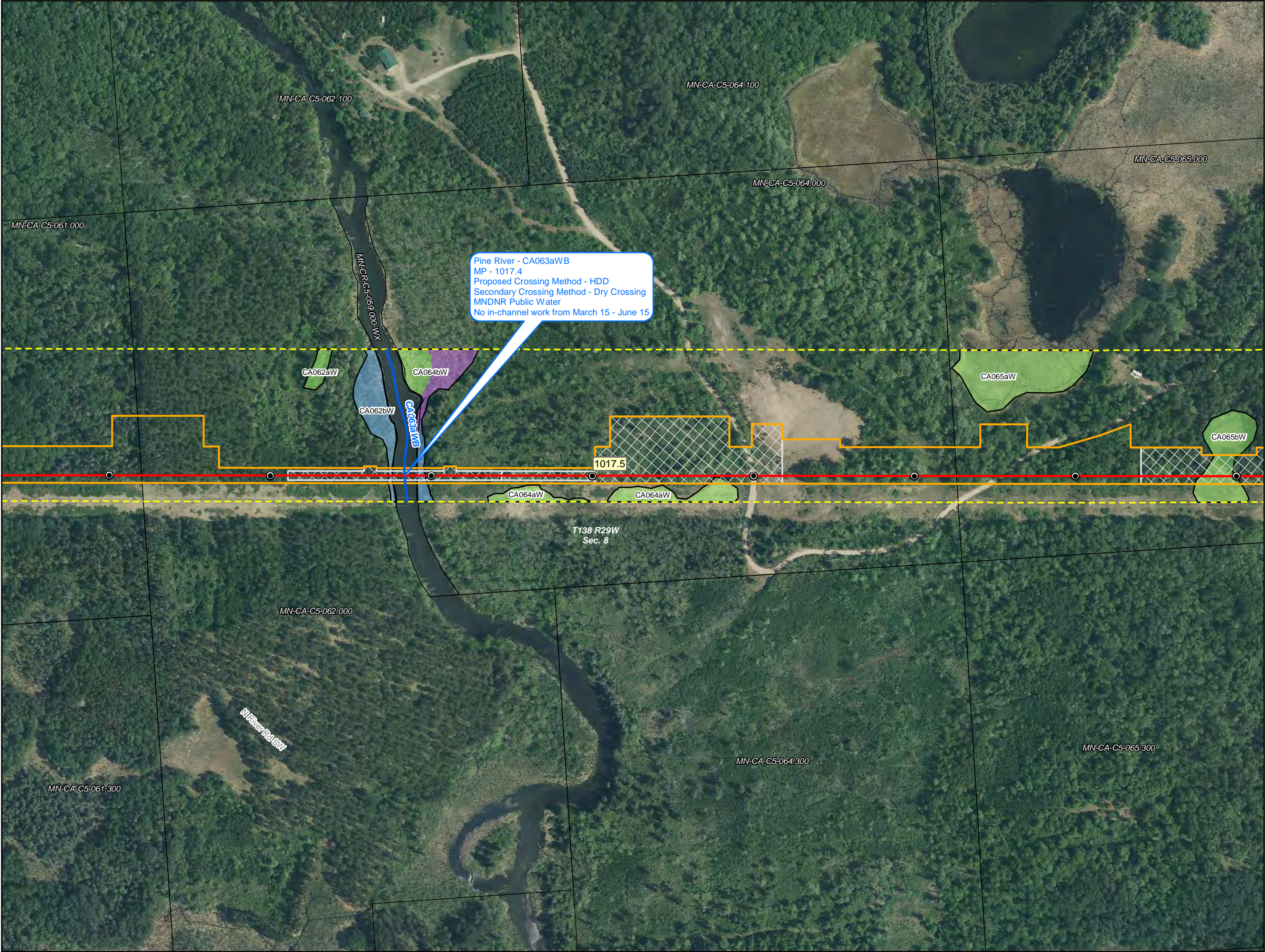


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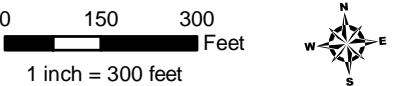
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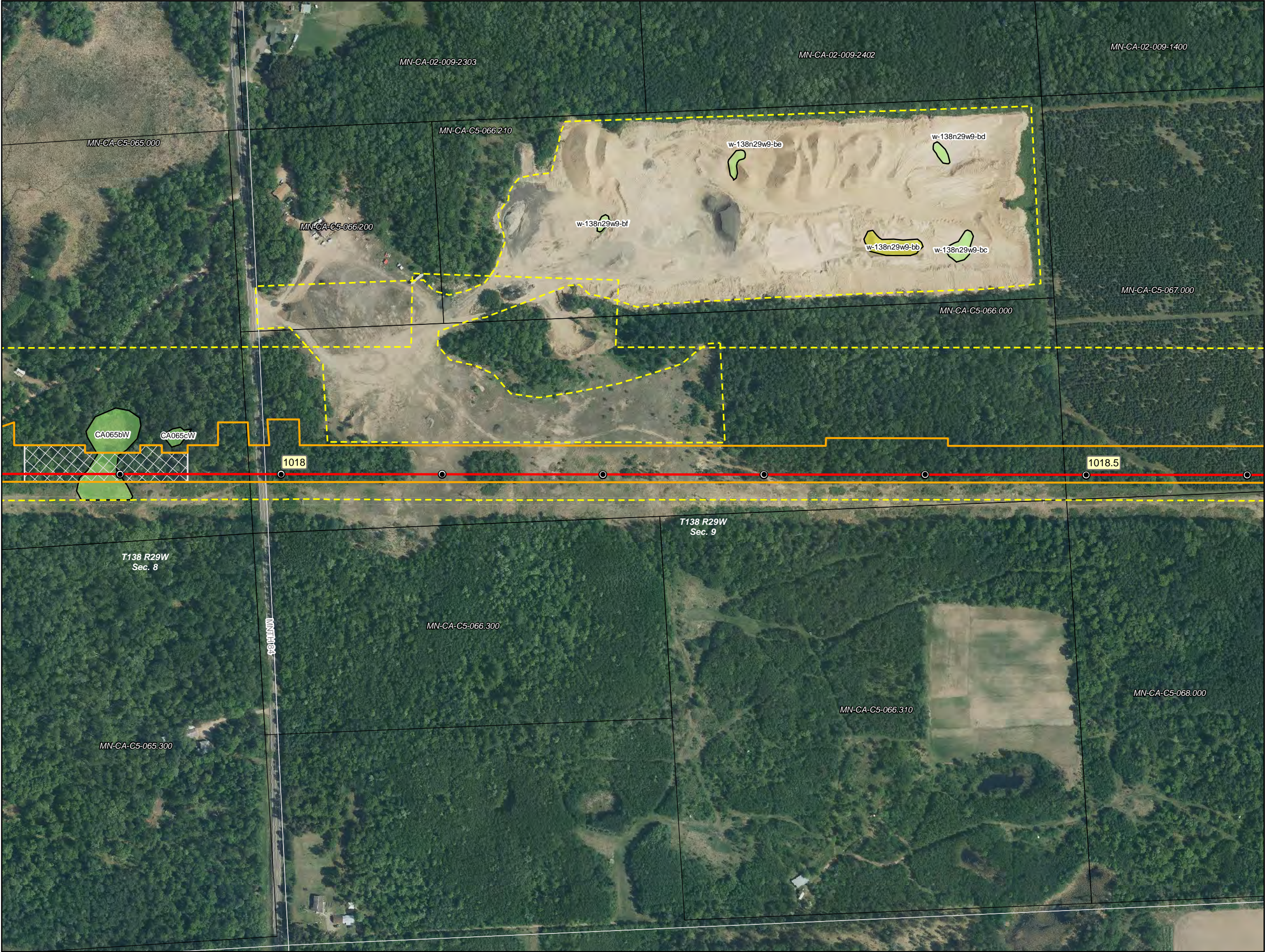


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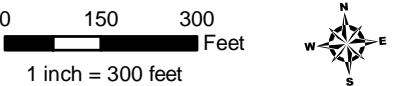
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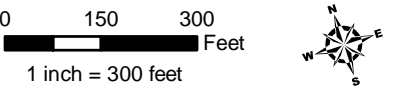
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Detailed Route Maps

Line 3 Replacement Project

Cass and Crow Wing Counties, Minnesota

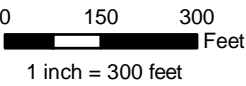




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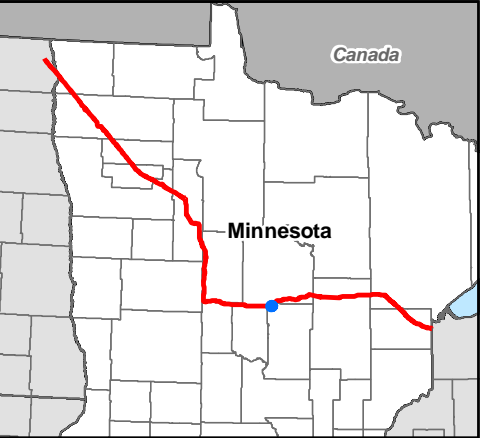
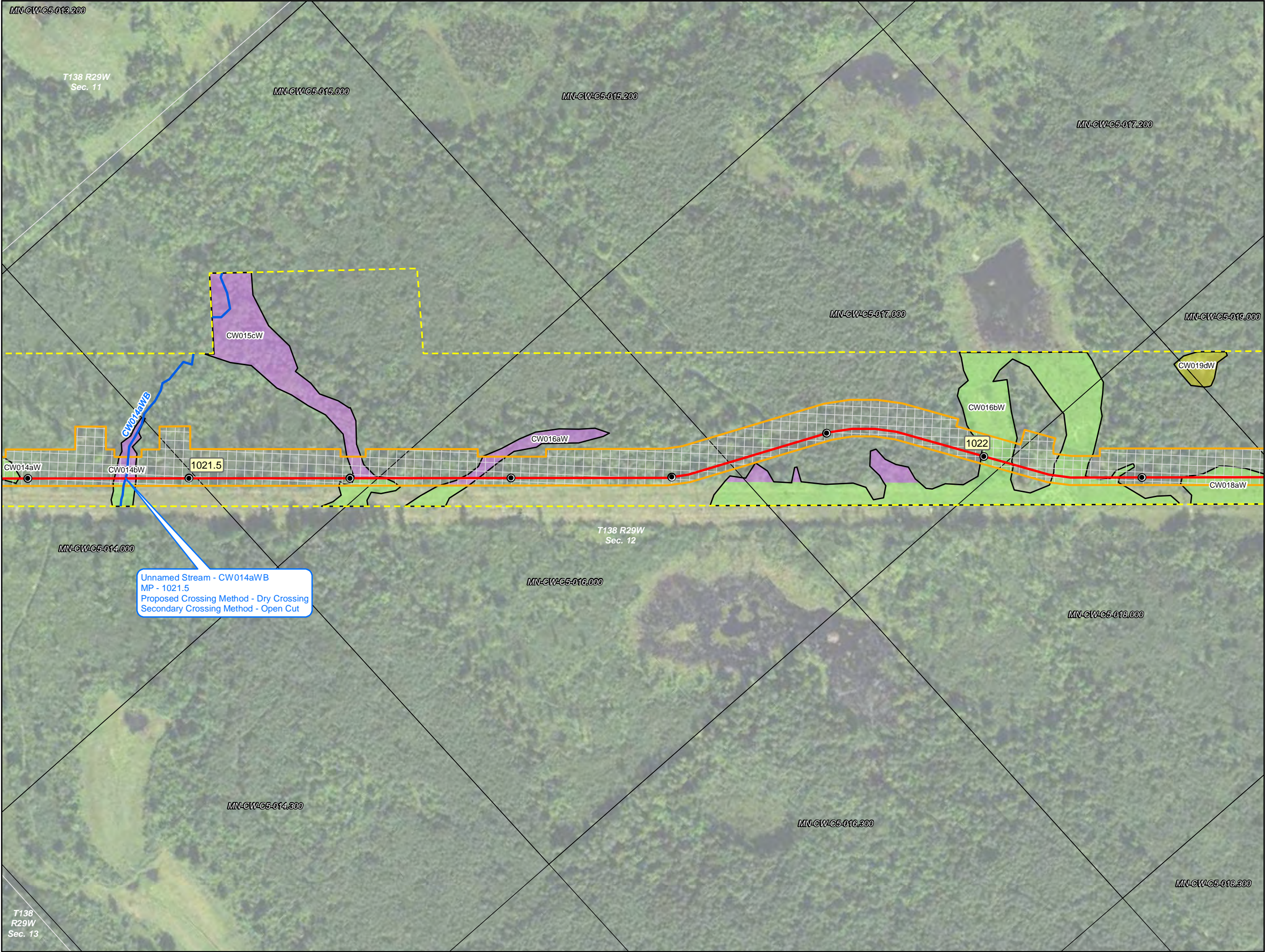
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 - Riverine



Detailed Route Maps
Line 3 Replacement Project
Crow Wing County, Minnesota

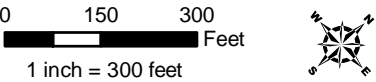




- Milepost
- Line 3 Centerline
- Construction Workspace
- Access Road
- Haul Road/Corner Improvement
- COE Permit Area
- Survey Corridor
- Field Survey Partially or Not Complete
- Parcel Boundary
- County Boundary
- Section Boundary
- Cathodic Protection
- Valve Location
- Pump Station

Environmental Field Data

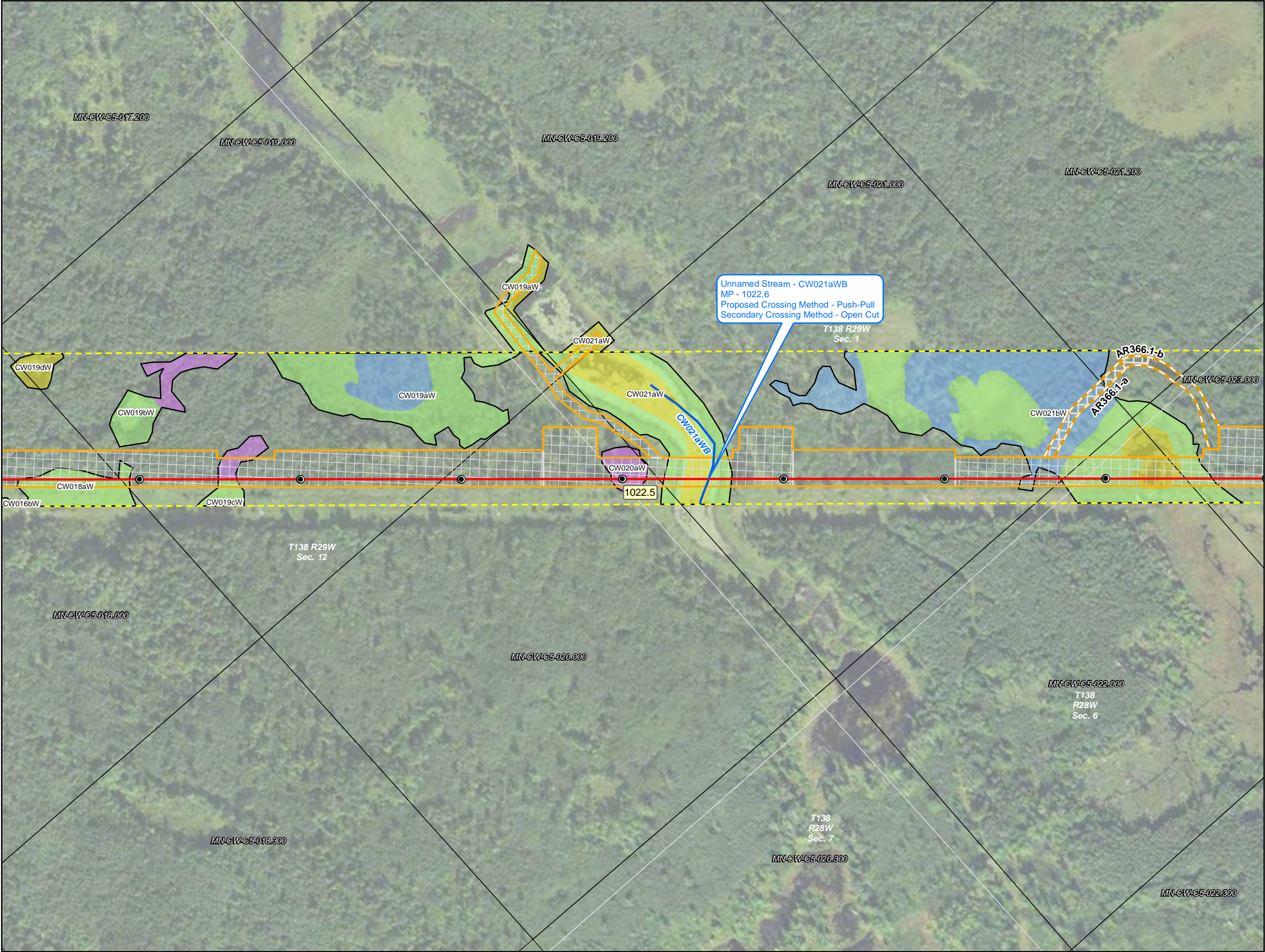
- Wetlands**
- | | |
|--------------------------|--------------|
| Field Delineated Wetland | NWI Wetlands |
| PEM | PEM |
| PFO | PFO |
| PSS | PSS |
| PUB | PUB |
- Waterbodies**
- Field Delineated Waterbody
 - NHD Waterbody
- NWI Waterbodies**
- Lake/Pond
 - Riverine



Detailed Route Maps
Line 3 Replacement Project

Crow Wing County, Minnesota





- Milepost
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- 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



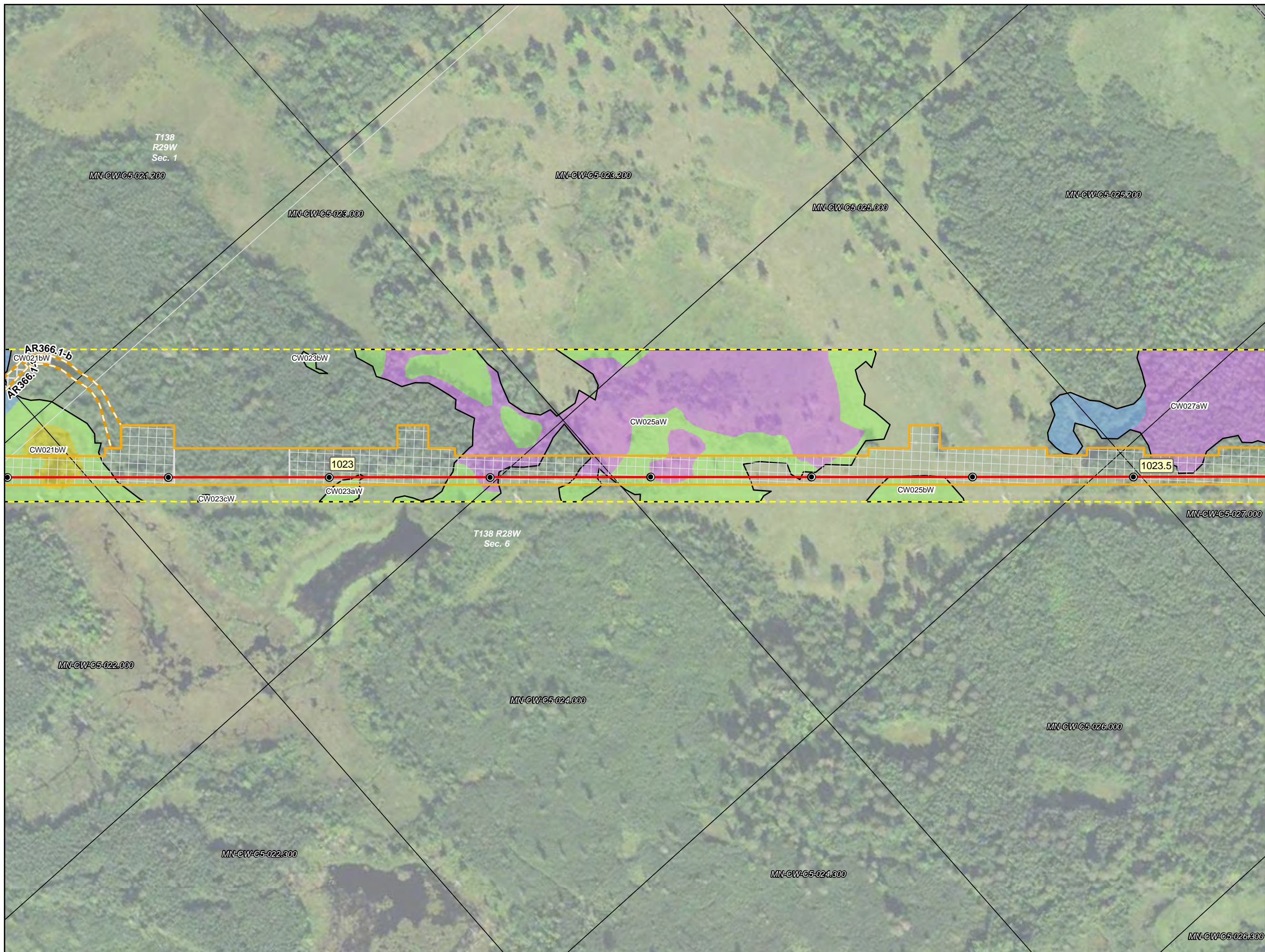
Detailed Route Maps















Line 3 Replacement Project

Crow Wing County, Minnesota



Source: Z:\Clients\E_H\Enbridge\Line_3_Full_Replacement\Permitting\Federal\COE\2019_11\Figures\L3_MIN_COE_Alignment_Sheets_RevA.mxd Date: (1/23/2019)



-  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
- PFO
- PSS
- PUB

	PEM
	PFO
	PSS
	PUB

Waterbodies

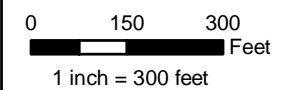
— Field Delineated Waterbody

- ■ ■ NHD Waterbody

NWI Waterbodies

 Lake/Pond

 Riverine

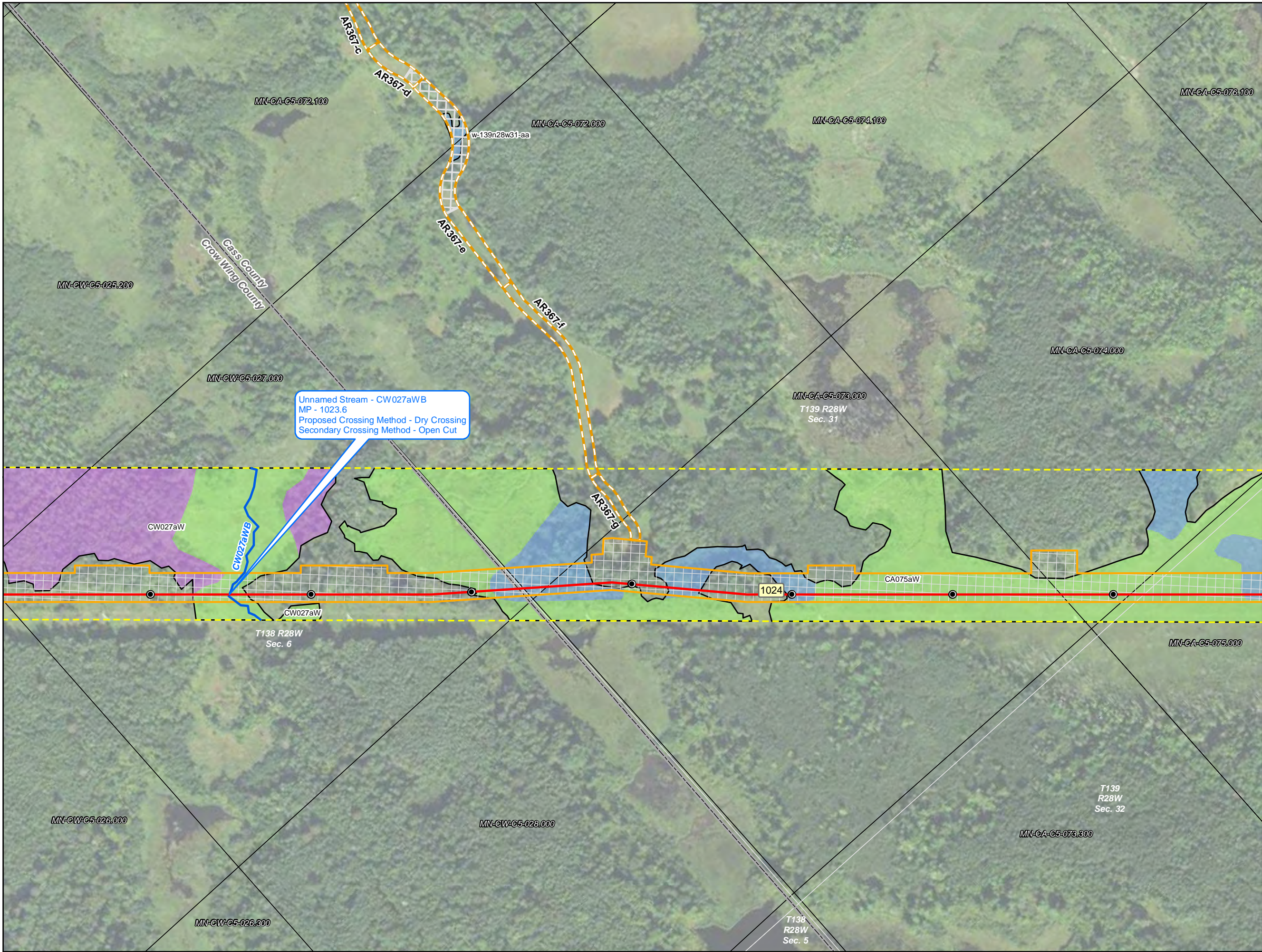


Detailed Route Maps

Line 3 Replacement Project

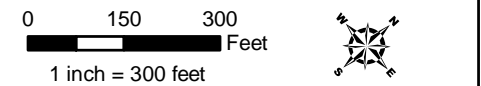
Crow Wing County, Minnesota





- Milepost
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- Field Survey Partially or Not Complete
- Parcel Boundary
- County Boundary
- Section Boundary
- Cathodic Protection
- Valve Location
- Pump Station

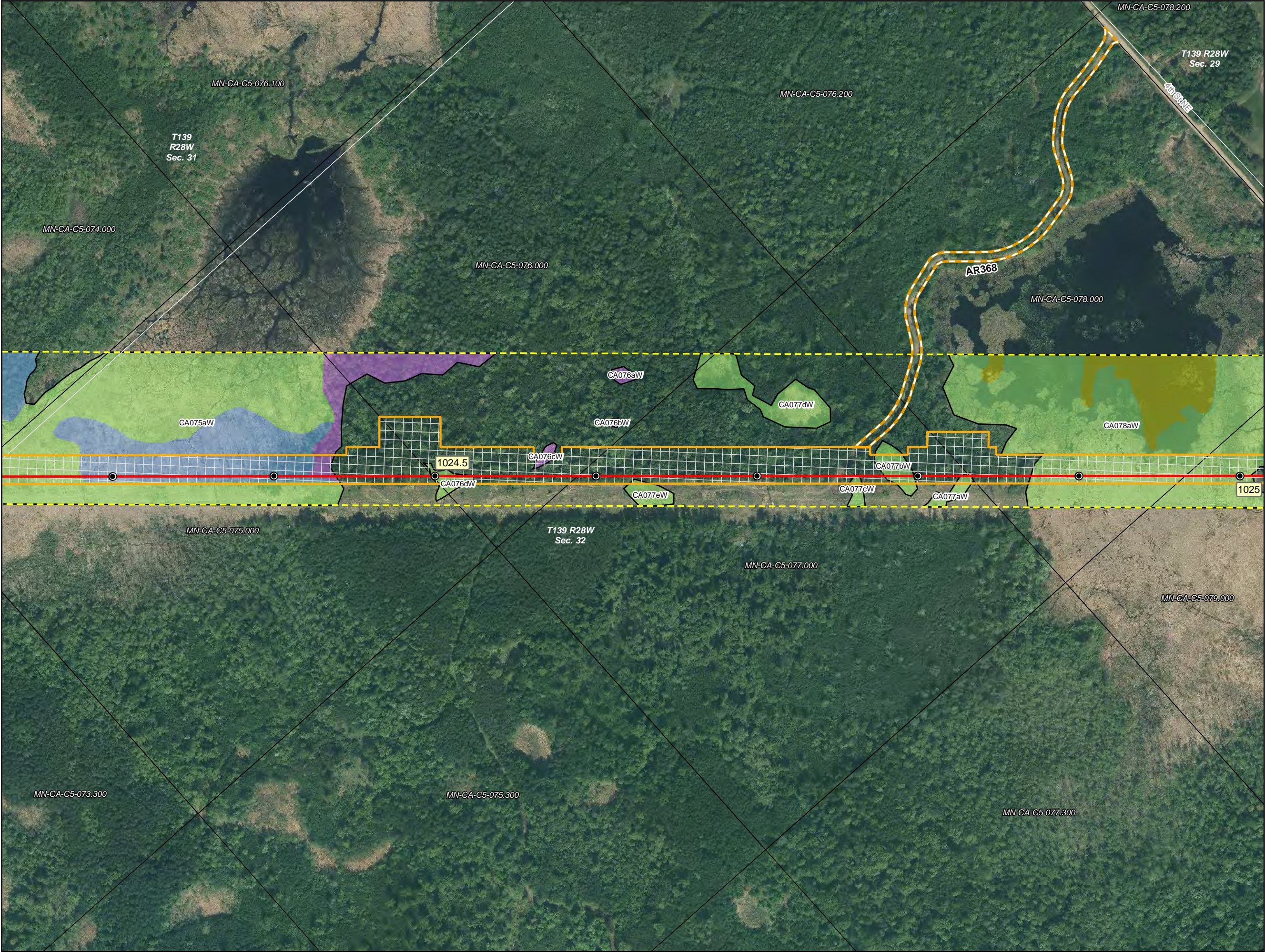
- Environmental Field Data**
- Wetlands**
- | | |
|--------------------------|--------------|
| Field Delineated Wetland | NWI Wetlands |
| PEM | PEM |
| PFO | PFO |
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- Field Delineated Waterbody
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- NWI Waterbodies
- Lake/Pond
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Detailed Route Maps

Line 3 Replacement Project

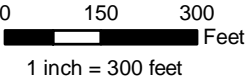
Cass and Crow Wing Counties, Minnesota



- 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

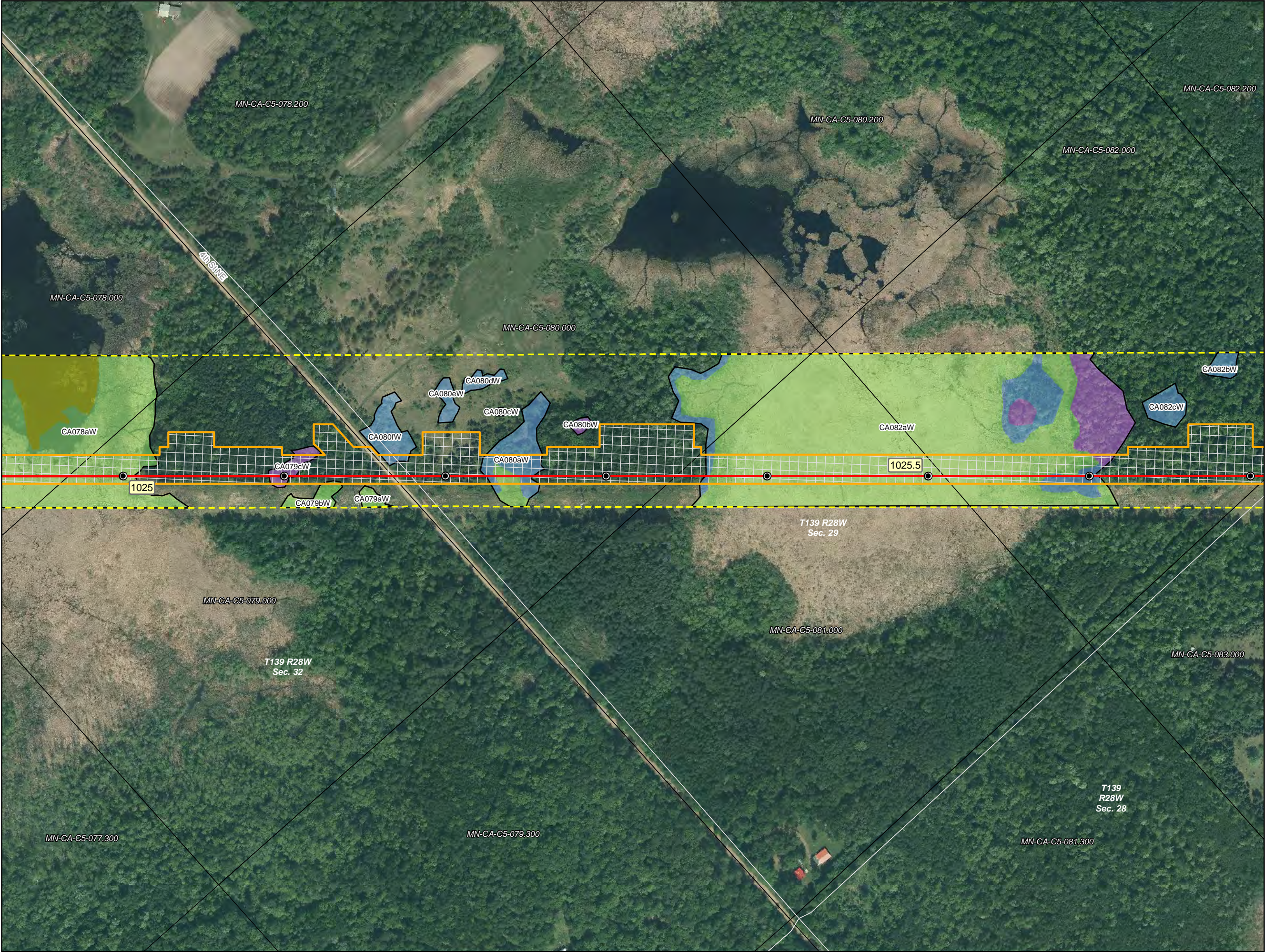
- Wetlands**
- | Field Delineated Wetland | NWI Wetlands |
|--------------------------|--------------|
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| PFO | PFO |
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| PUB | PUB |
- Waterbodies**
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Detailed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

Cass County, Minnesota

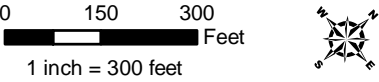




- Milepost
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- Parcel Boundary
- County Boundary
- Section Boundary
- Cathodic Protection
- Valve Location
- Pump Station

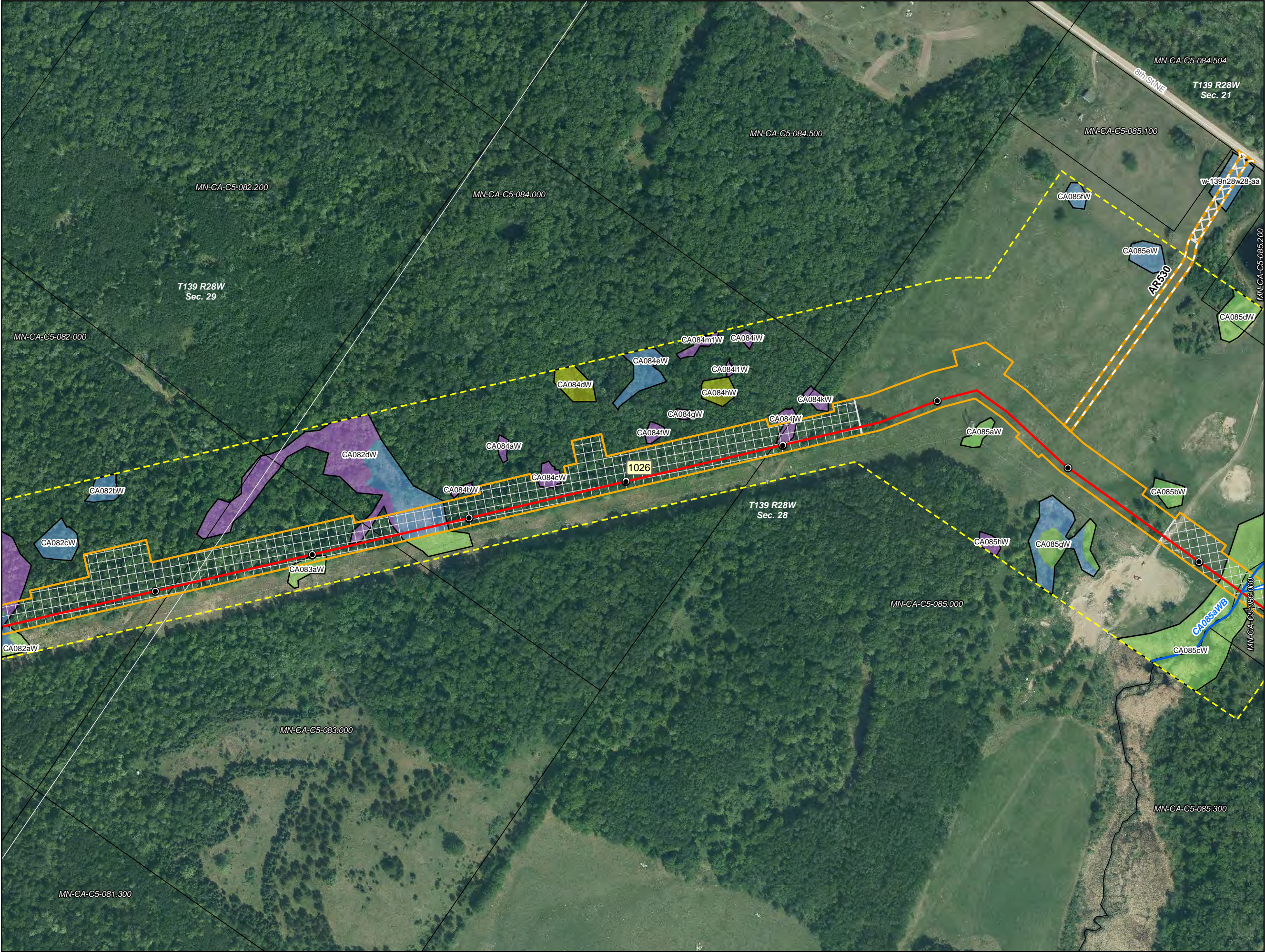
Environmental Field Data

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



Detailed Route Maps
Line 3 Replacement Project
Cass County, Minnesota





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- Cathodic Protection
- Valve Location
- Pump Station

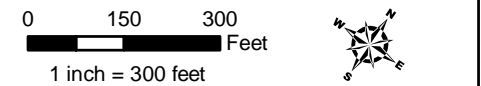
Environmental Field Data

Wetlands

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

Waterbodies

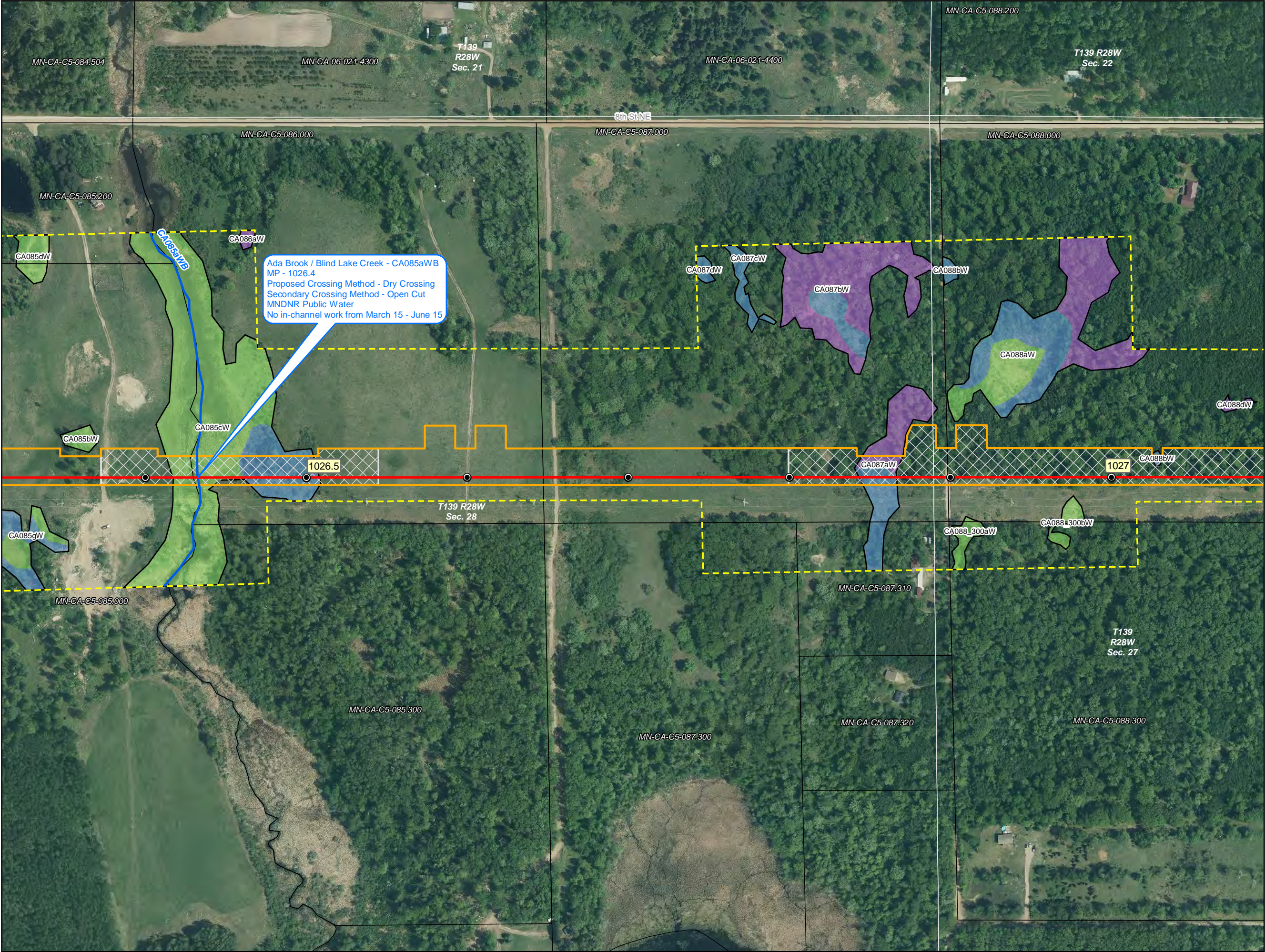
Field Delineated Waterbody	NWI Waterbodies
Field Delineated Waterbody	Lake/Pond
NHD Waterbody	Riverine



Detailed Route Maps

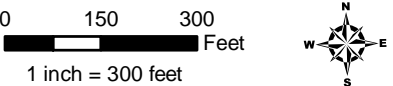
Line 3 Replacement Project

Cass County, Minnesota



- Milepost
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- Wetlands**
- | | |
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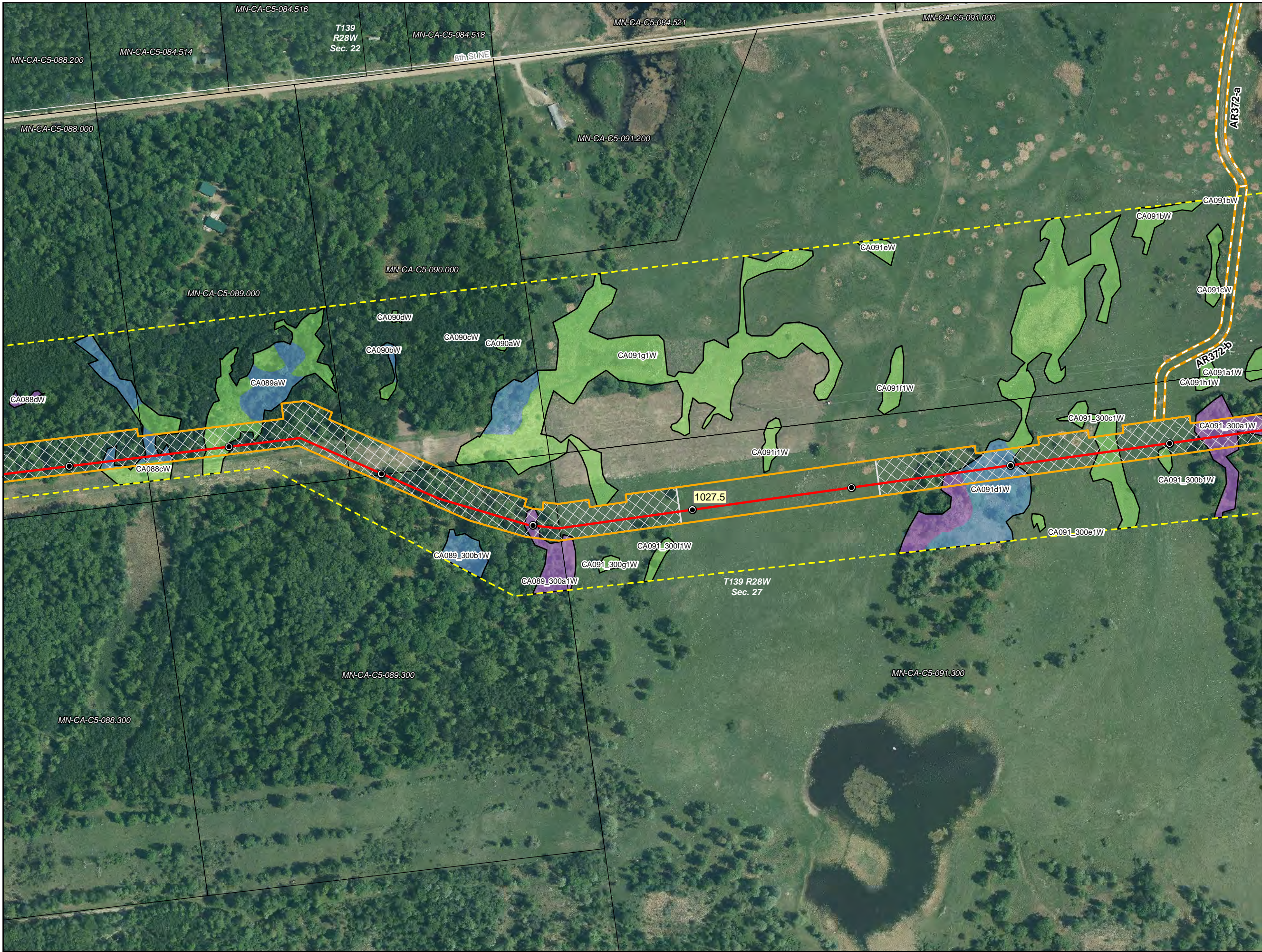


Detailed Route Maps

Line 3 Replacement Project

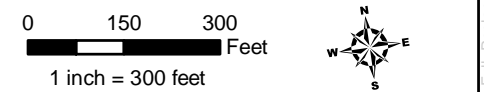
Cass County, Minnesota





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- Wetlands**
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Detailed Route Maps

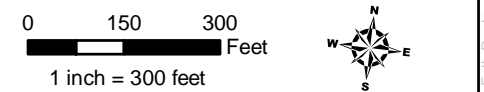
Line 3 Replacement Project

Cass County, Minnesota



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|----------------------------|-----------------|
| Field Delineated Waterbody | Lake/Pond |
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Detailed Route Maps

Line 3 Replacement Project

Cass County, Minnesota





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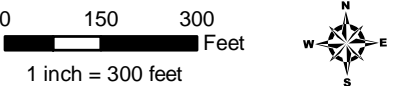
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- Field Delineated Waterbody
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- Lake/Pond
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Detailed Route Maps

Line 3 Replacement Project

Cass County, Minnesota



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