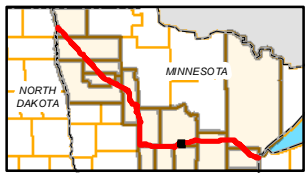
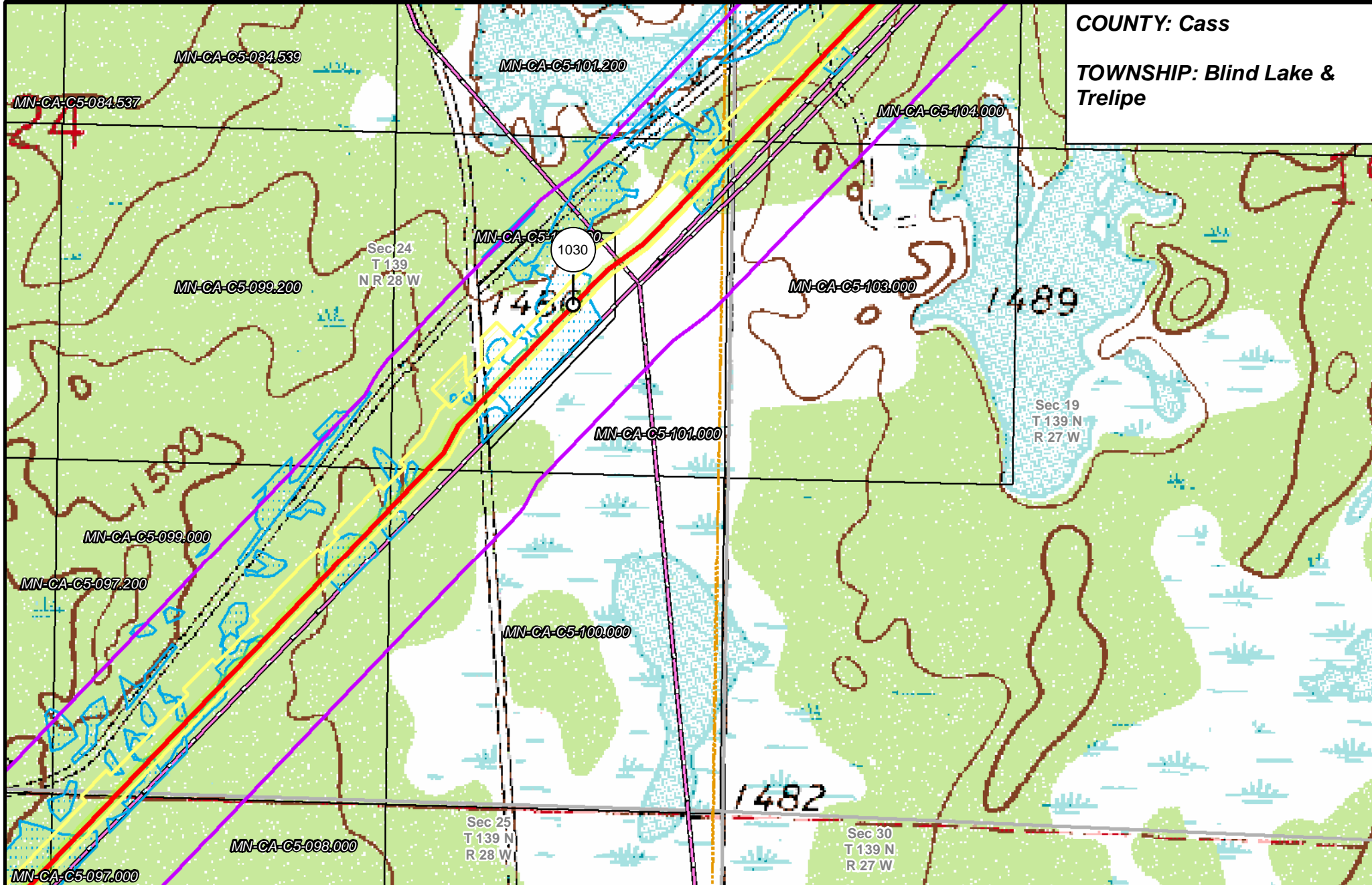
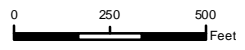


COUNTY: Cass

TOWNSHIP: Blind Lake & Trelipe



- PUC Designated Route
- ROW
- Line 3R Pipeline
- Temporary Workspace
- Additional Temporary Workspace
- Valve Location
- Enbridge Pump Station
- Mile Post
- Existing Enbridge Pipelines
- Existing Electric Transmission
- Existing Third Party Pipelines
- Surveyed Waterbodies
- ESA
- Surveyed Wetlands
- NWI Wetlands
- Tract Boundary
- MN Section Boundary
- Township/City Boundary
- County Boundary



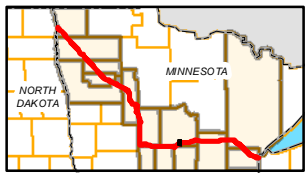
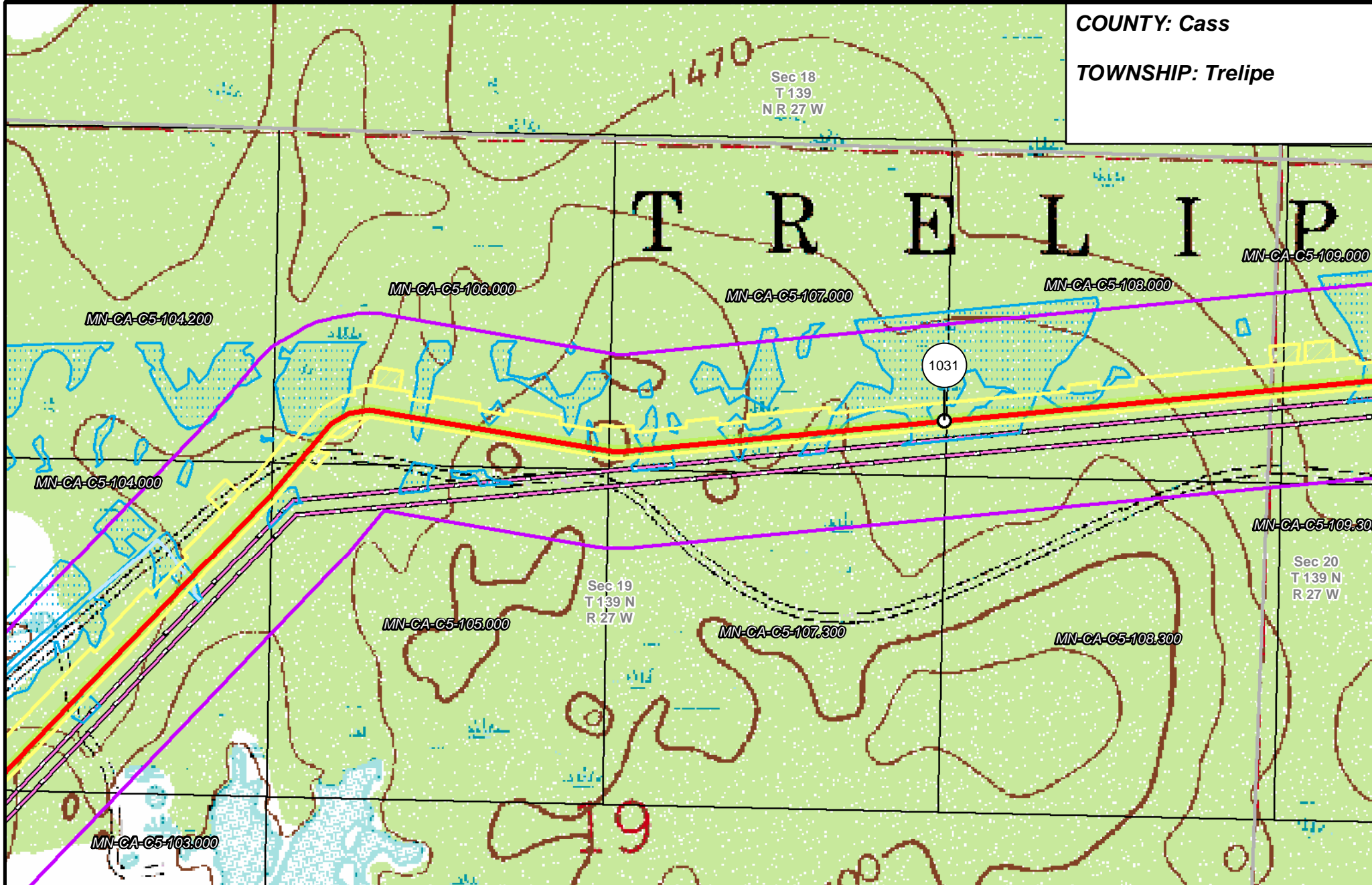
LINE 3 REPLACEMENT PIPELINE ROUTE

DRAWN: MLB CHECKED: ---
 DATE: August 31, 2018 SCALE: 1:5,000

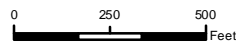
Map 278 of 378

COUNTY: Cass

TOWNSHIP: Trelipe



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



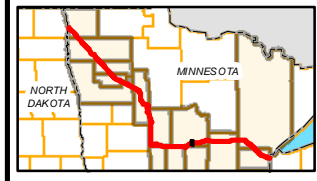
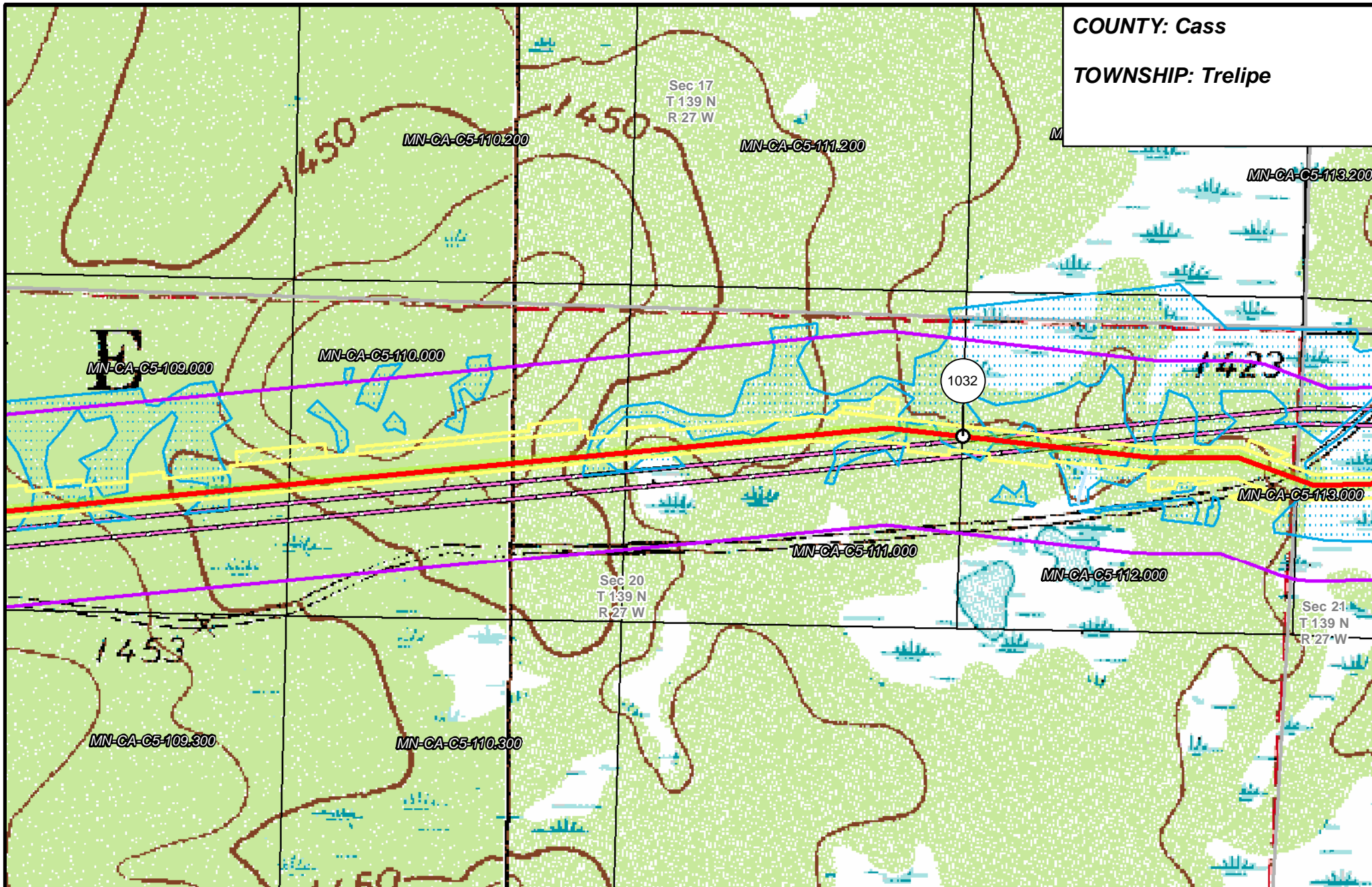
LINE 3 REPLACEMENT PIPELINE ROUTE

DRAWN: MLB CHECKED: ---
 DATE: August 31, 2018 SCALE: 1:5,000

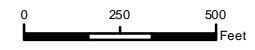
Map 279 of 378

COUNTY: Cass

TOWNSHIP: Trelipe



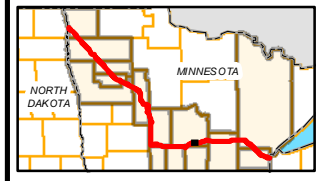
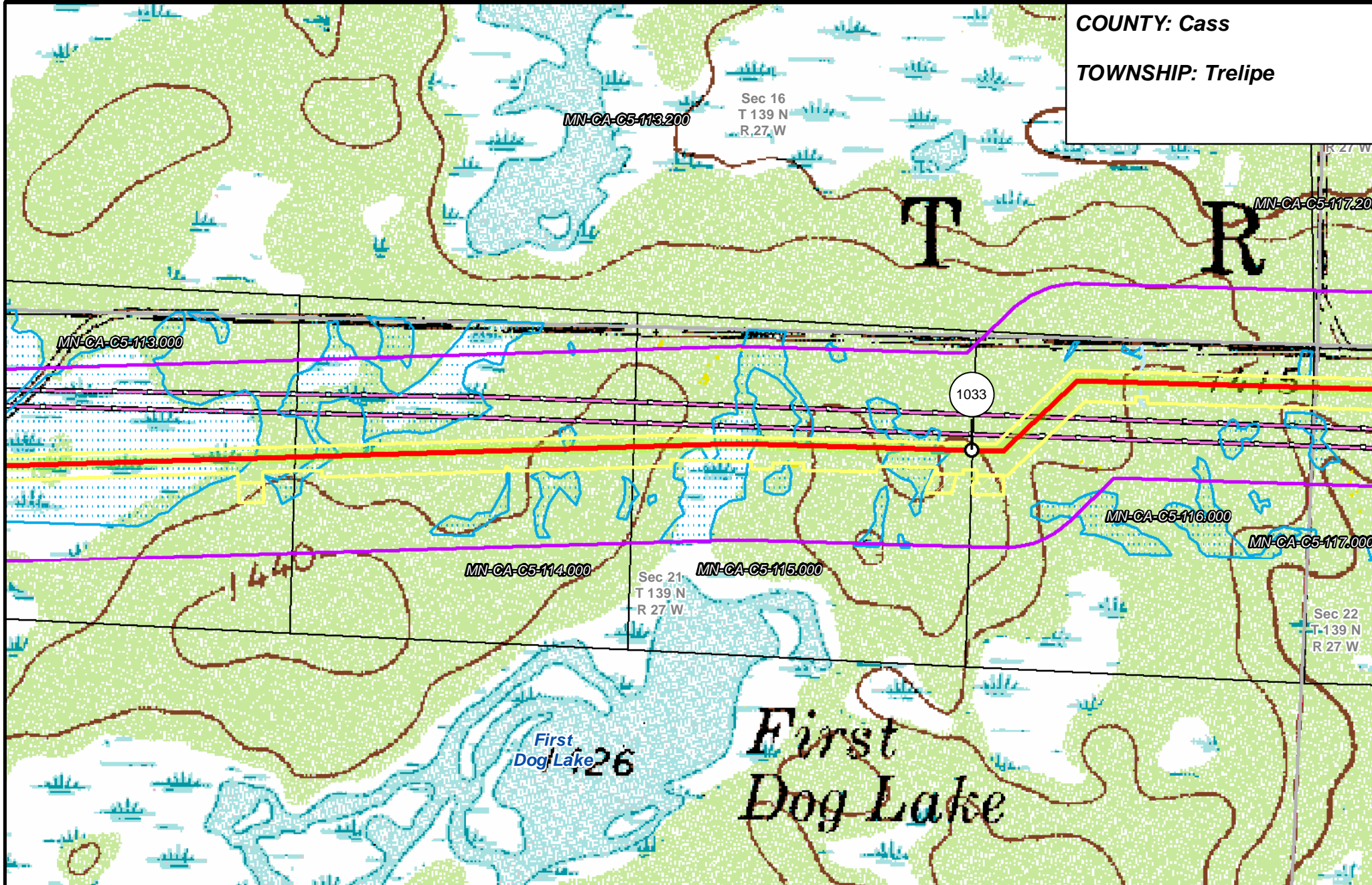
- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



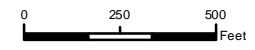
LINE 3 REPLACEMENT PIPELINE ROUTE

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000
 Map 280 of 378

COUNTY: Cass
 TOWNSHIP: Trelipe



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |

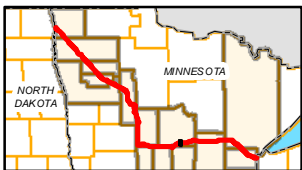
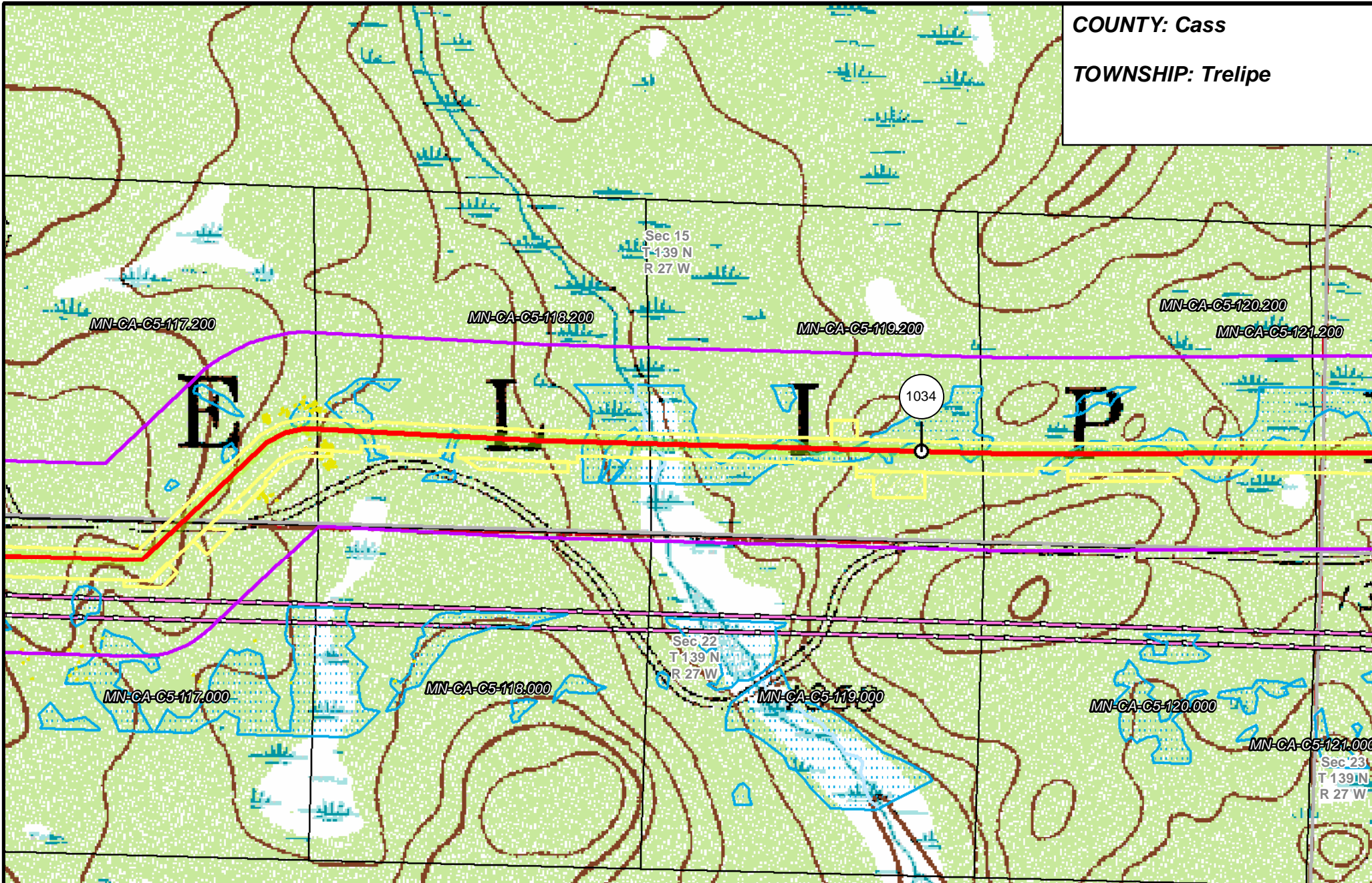


LINE 3 REPLACEMENT PIPELINE ROUTE

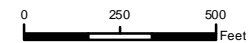
DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000

Map 281 of 378

COUNTY: Cass
TOWNSHIP: Trelipe



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |

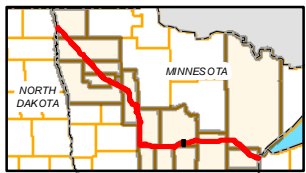
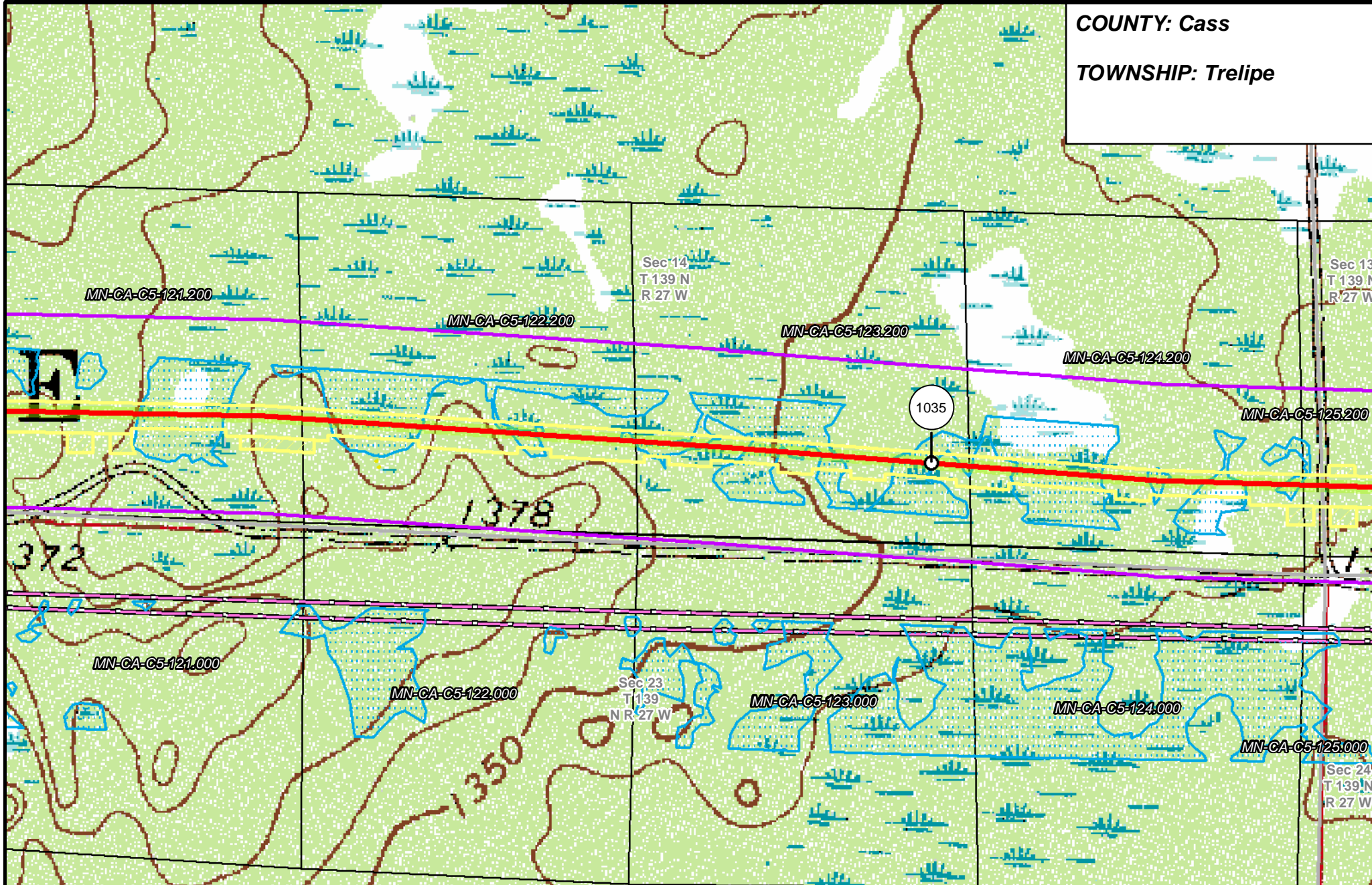


LINE 3 REPLACEMENT PIPELINE ROUTE

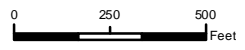
DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000

Map 282 of 378

COUNTY: Cass
 TOWNSHIP: Trelipe



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |

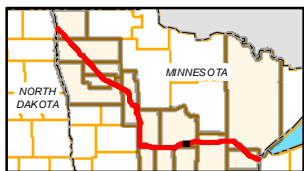
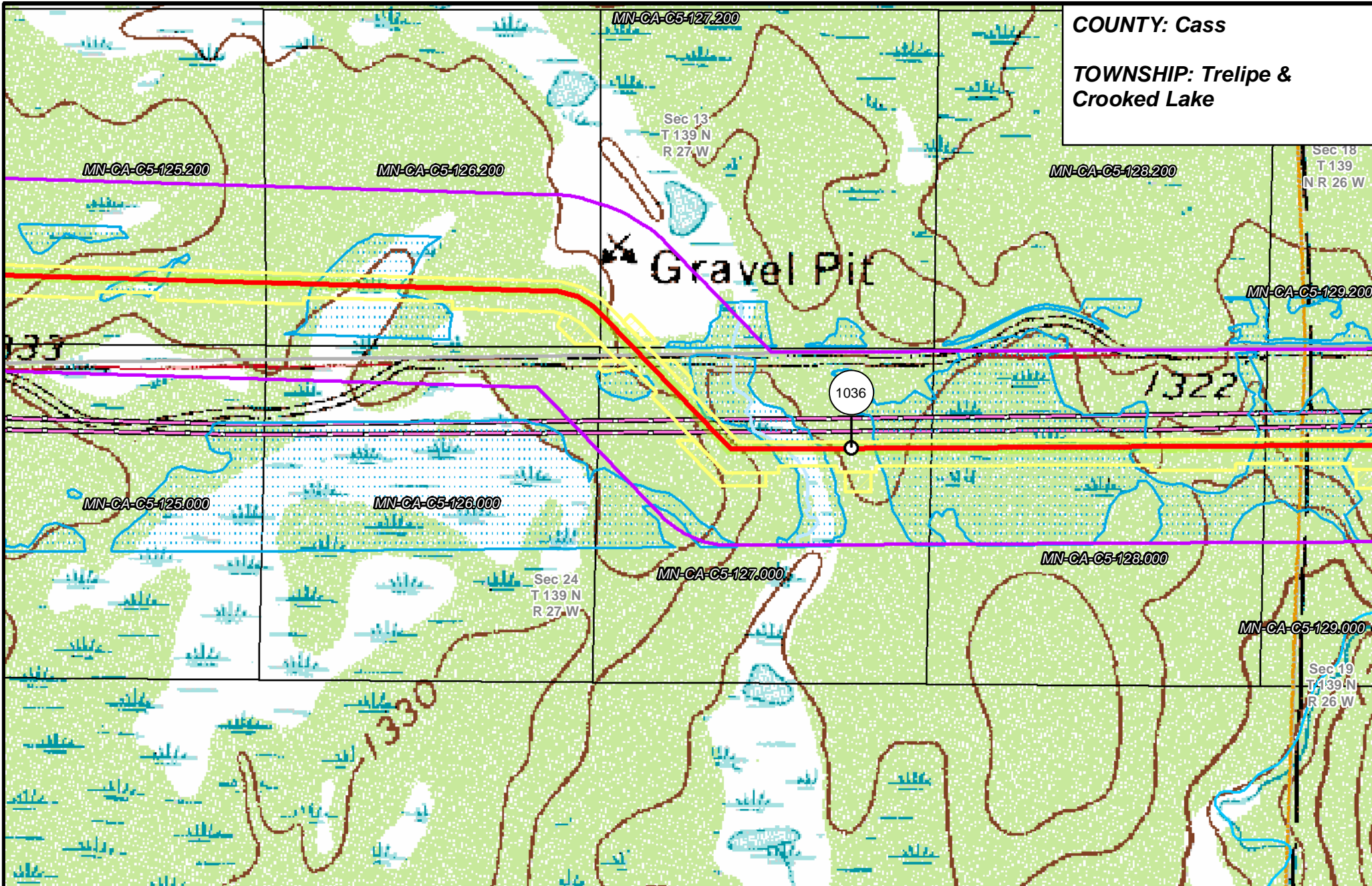


LINE 3 REPLACEMENT
 PIPELINE ROUTE

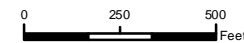
DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000
 Map 283 of 378

COUNTY: Cass

TOWNSHIP: Trelipe &
Crooked Lake



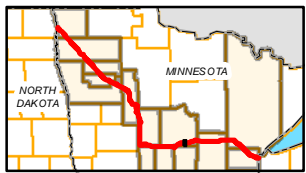
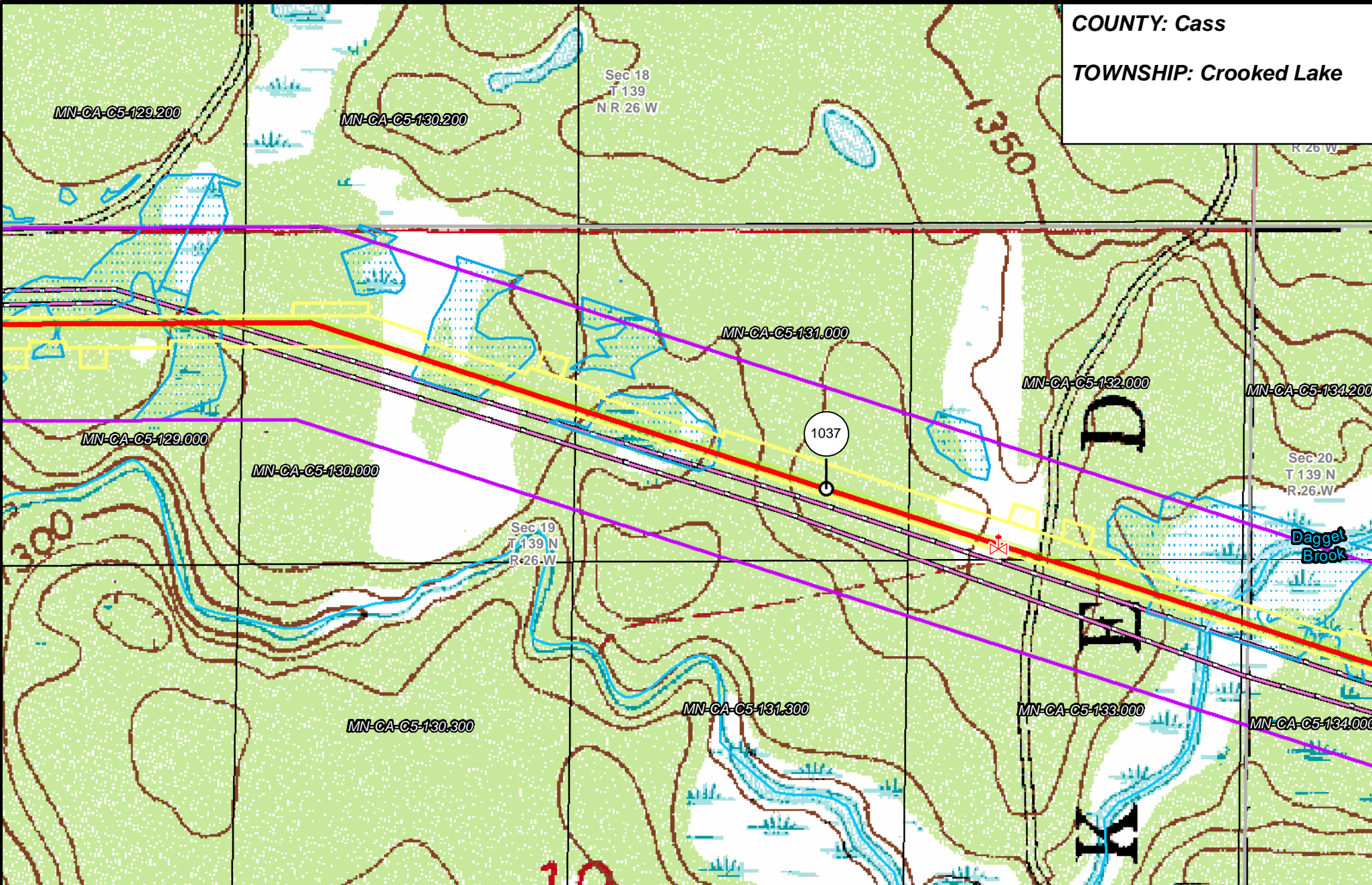
- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



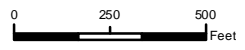
LINE 3 REPLACEMENT
PIPELINE ROUTE

DRAWN: MLB CHECKED: ...
DATE: August 31, 2018 SCALE: 1:5,000

COUNTY: Cass
TOWNSHIP: Crooked Lake



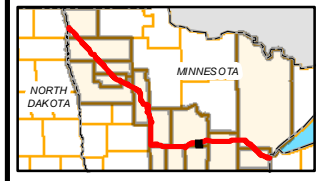
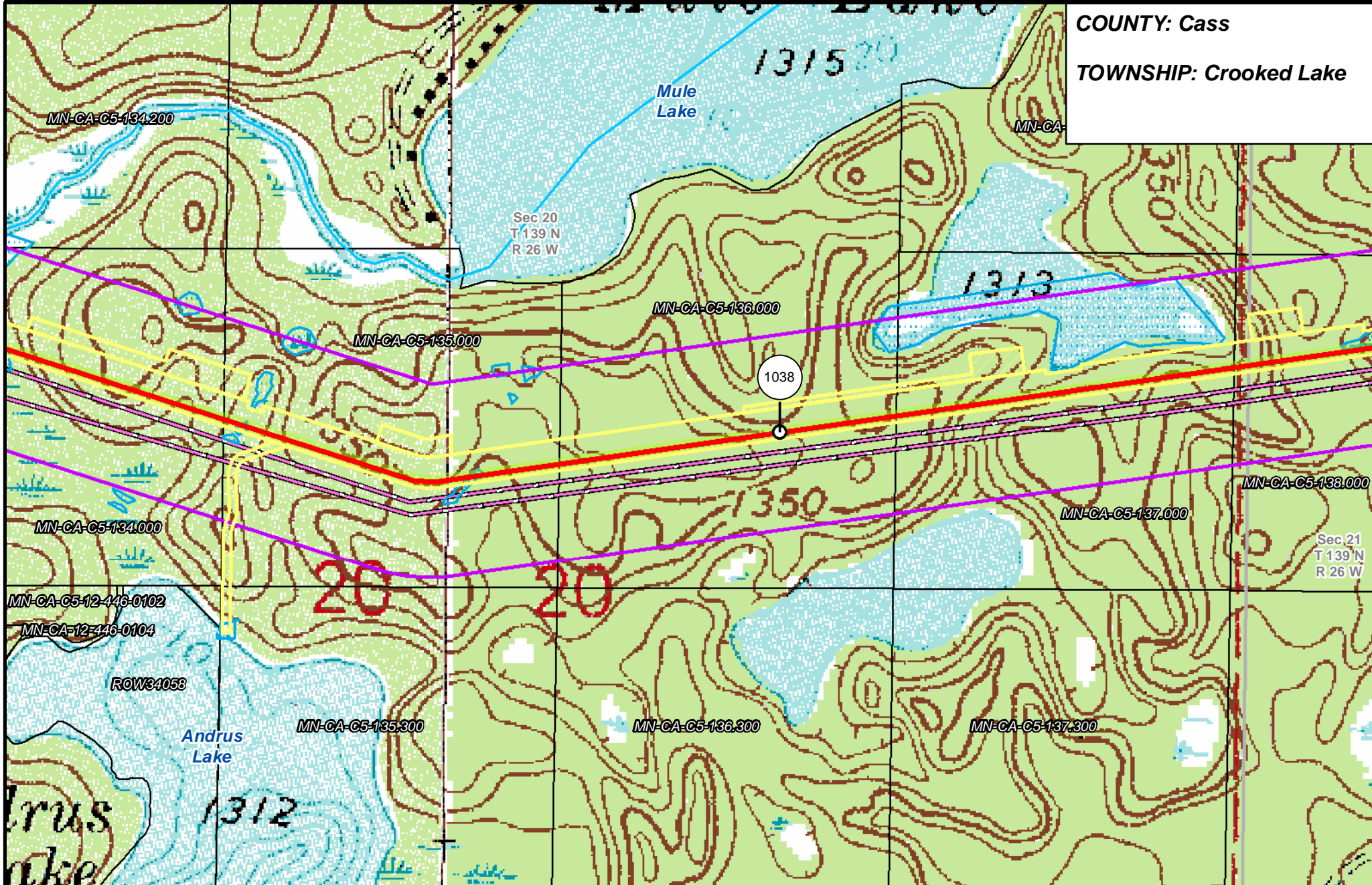
- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



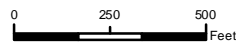
LINE 3 REPLACEMENT PIPELINE ROUTE

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000
 Map 285 of 378

COUNTY: Cass
TOWNSHIP: Crooked Lake



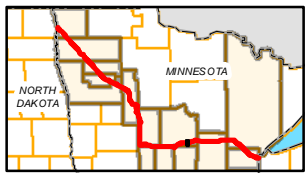
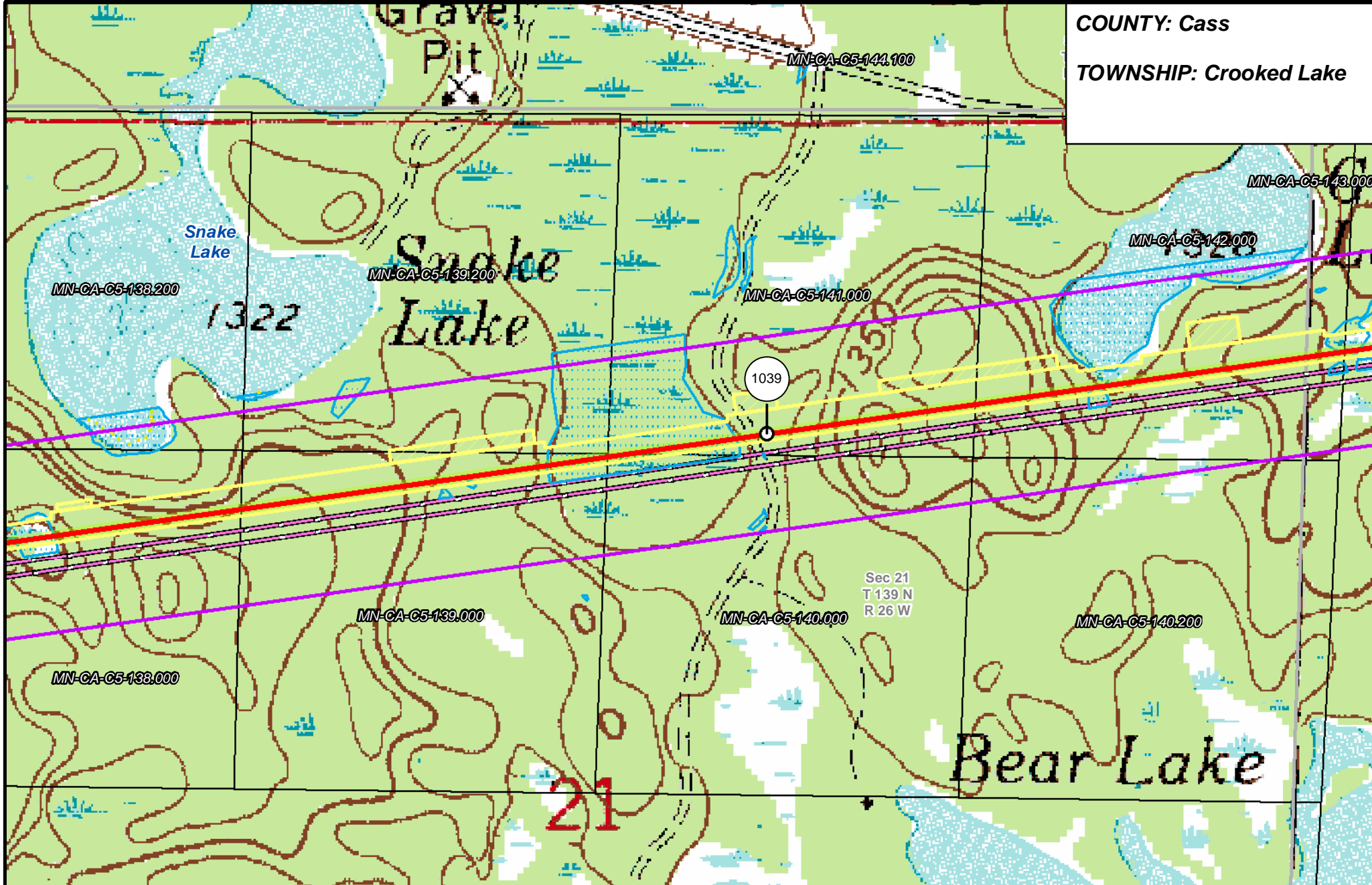
- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



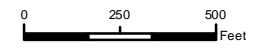
**LINE 3 REPLACEMENT
PIPELINE ROUTE**

DRAWN: MLB CHECKED: ...
DATE: August 31, 2018 SCALE: 1:5,000
Map 286 of 378

COUNTY: Cass
 TOWNSHIP: Crooked Lake



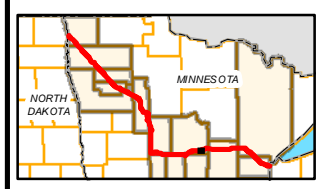
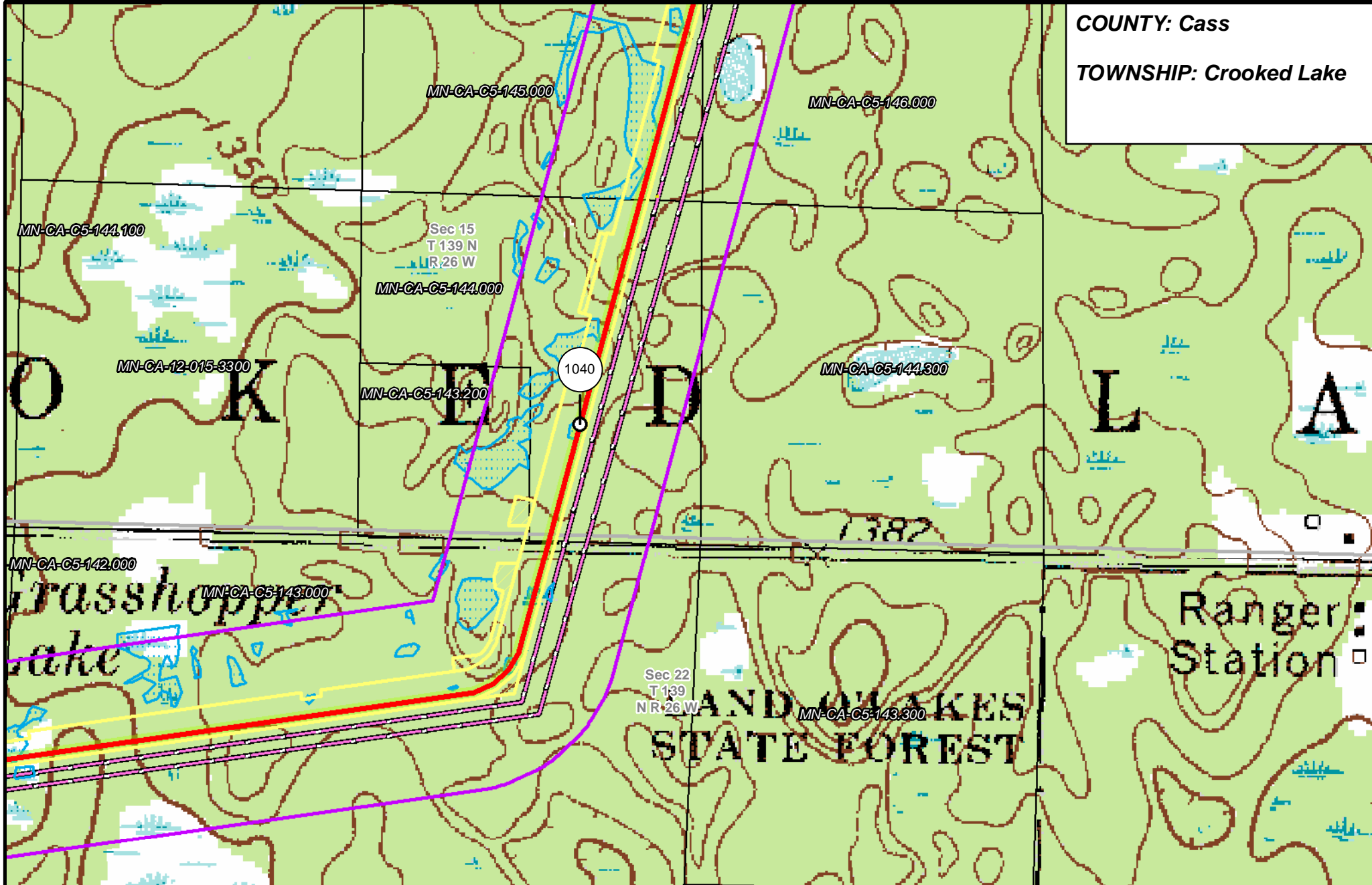
- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



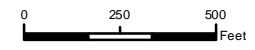
LINE 3 REPLACEMENT
 PIPELINE ROUTE

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000
 Map 287 of 378

COUNTY: Cass
TOWNSHIP: Crooked Lake



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |

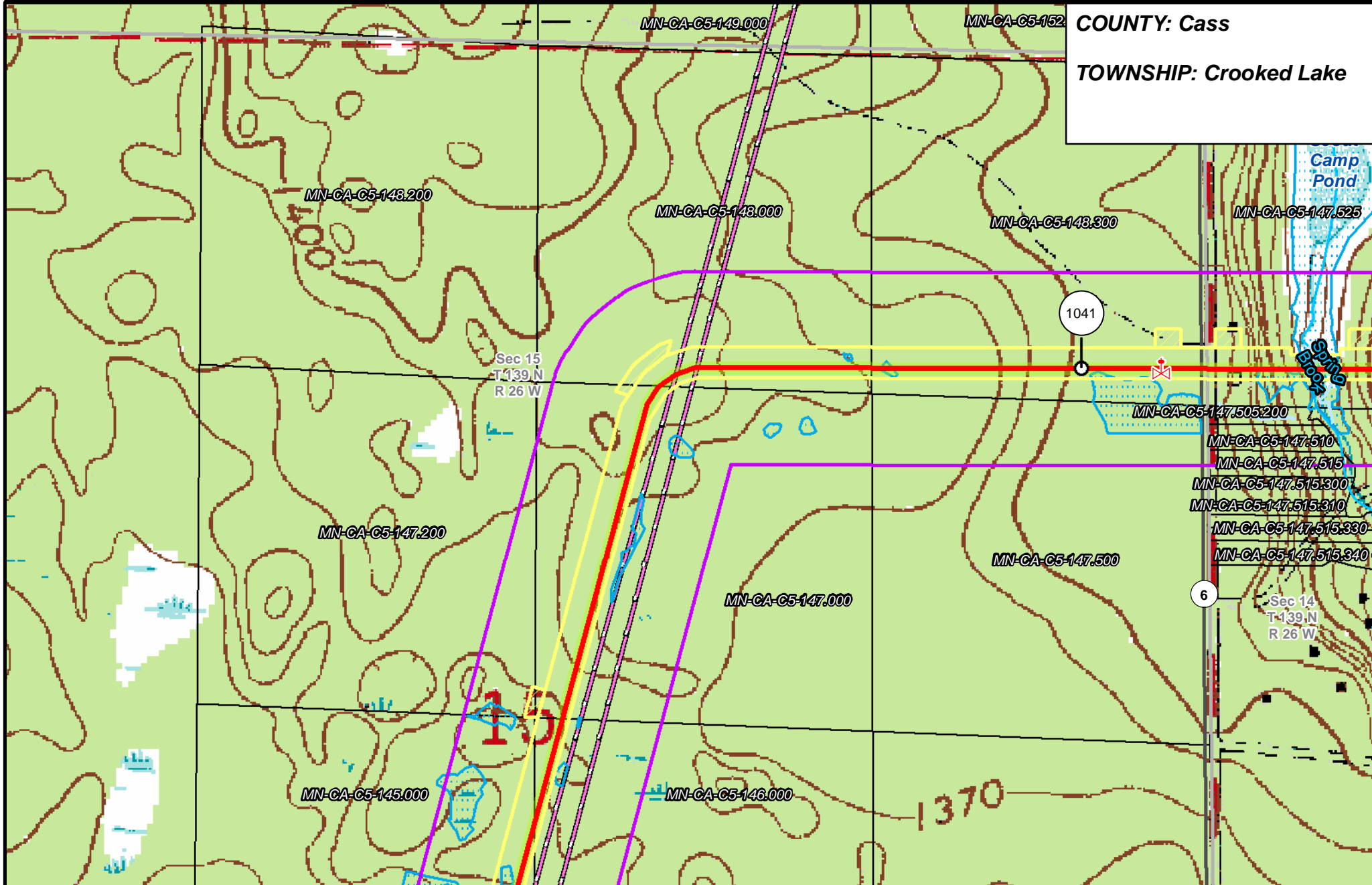


LINE 3 REPLACEMENT PIPELINE ROUTE

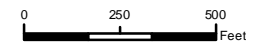
DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000

Map 288 of 378

COUNTY: Cass
TOWNSHIP: Crooked Lake



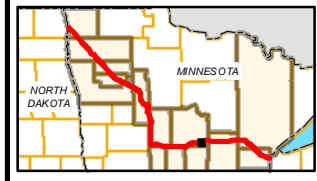
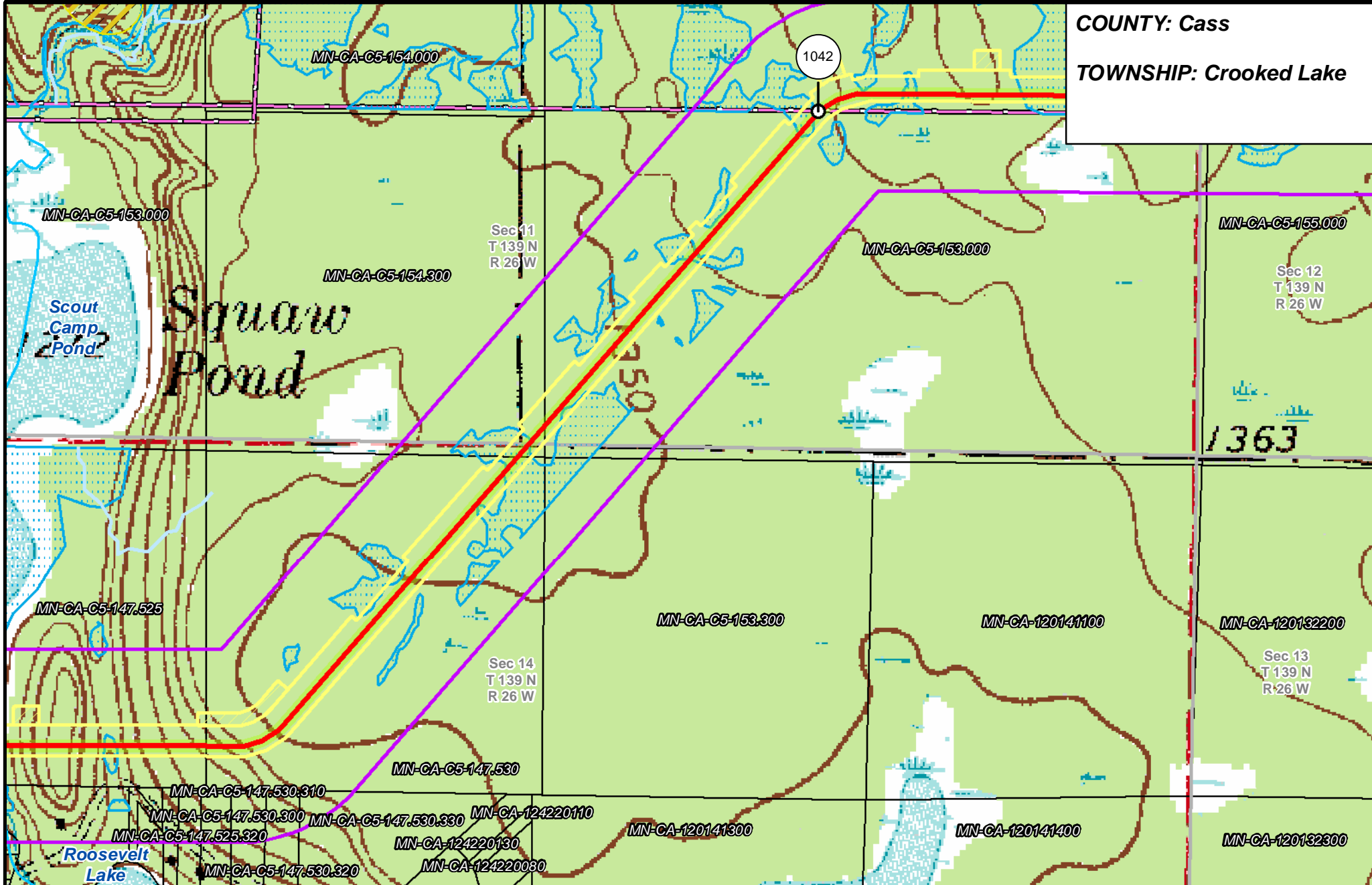
- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



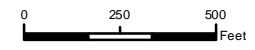
LINE 3 REPLACEMENT PIPELINE ROUTE

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5000
 Map 289 of 378

COUNTY: Cass
 TOWNSHIP: Crooked Lake



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |

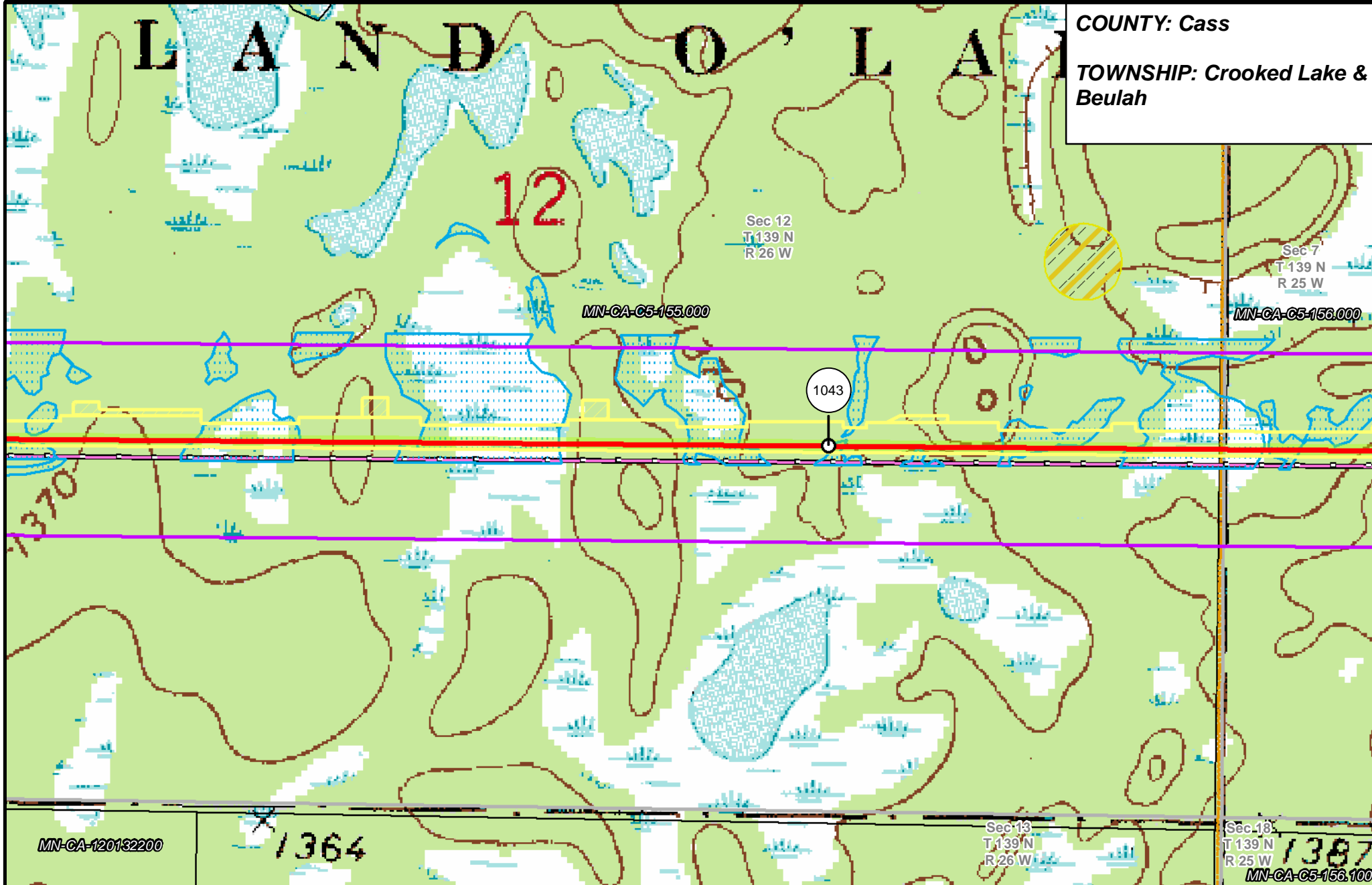


LINE 3 REPLACEMENT PIPELINE ROUTE

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:6,000
 Map 290 of 378

LANDOLA

COUNTY: Cass
TOWNSHIP: Crooked Lake & Beulah

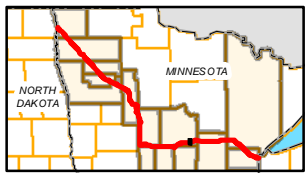


MN-CA-120132200

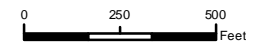
MN-CA-C5-155.000

MN-CA-C5-156.000

MN-CA-C5-156.100



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |

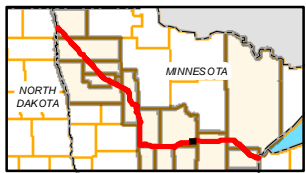
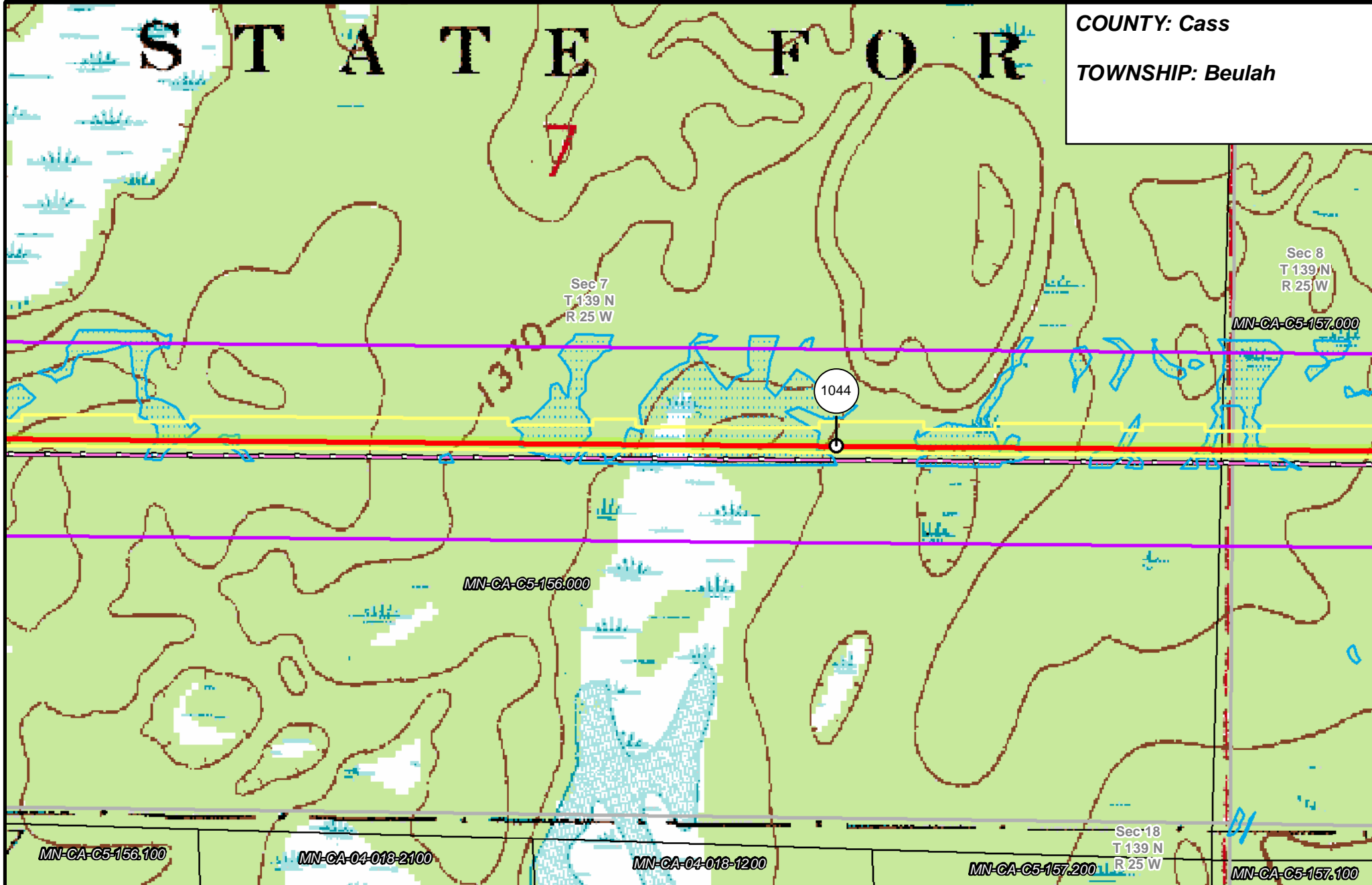


LINE 3 REPLACEMENT PIPELINE ROUTE

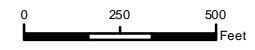
DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5000
 Map 291 of 378

STATE FOR

COUNTY: Cass
TOWNSHIP: Beulah



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |

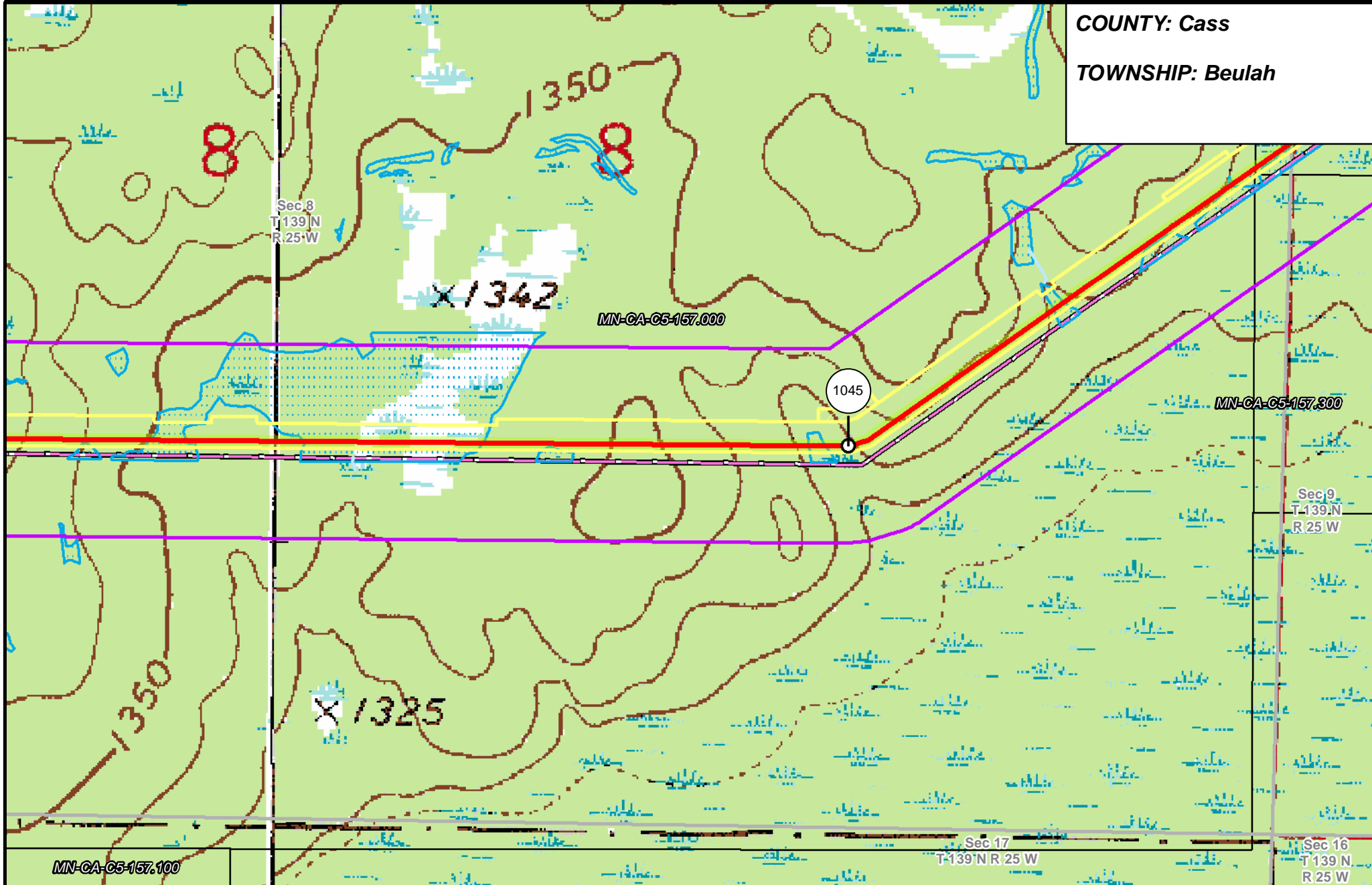


LINE 3 REPLACEMENT PIPELINE ROUTE

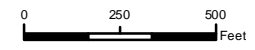
DRAWN: MLB CHECKED: ...
DATE: August 31, 2018 SCALE: 1:5,000

Map 292 of 378

COUNTY: Cass
TOWNSHIP: Beulah



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



LINE 3 REPLACEMENT PIPELINE ROUTE

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000

Map 293 of 378

MN-CA-C5-161.000

COUNTY: Cass

TOWNSHIP: Beulah

Sec 4
T 139 N
R 25 W

MN-CA-C5-158.000

1046

MN-CA-C5-158.200

MN-CA-C5-160.300

Sec 9
T 139 N
R 25 W

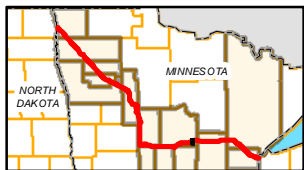
MN-CA-C5-159.000


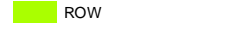
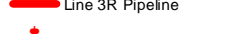
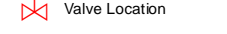
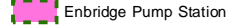



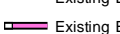


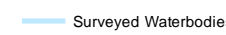
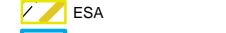
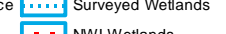
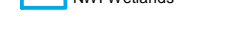
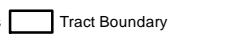
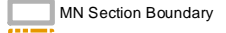
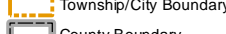
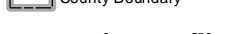
MN-CA-C5-159.300

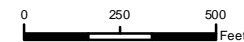
MN-CA-C5-153.000

MN-CA-C5-157.300

9



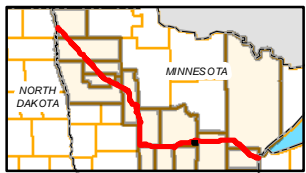
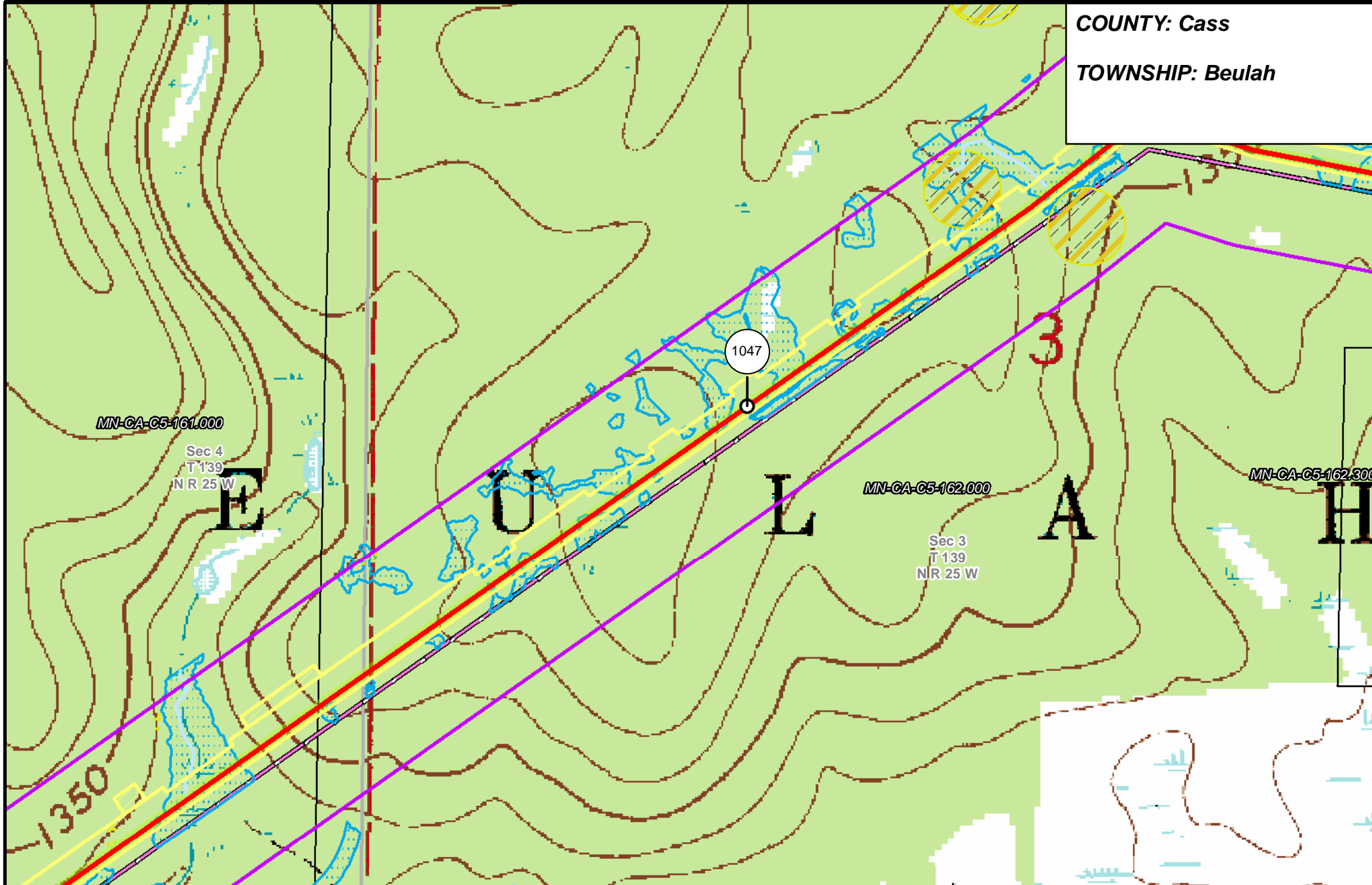
-  PUC Designated Route
-  ROW
-  Line 3R Pipeline
-  Valve Location
-  Enbridge Pump Station
-  Mile Post
-  Temporary Workspace
-  Additional Temporary Workspace
-  Existing Enbridge Pipelines
-  Existing Electric Transmission
-  Existing Third Party Pipelines
-  Surveyed Waterbodies
-  ESA
-  Surveyed Wetlands
-  NWI Wetlands
-  Tract Boundary
-  MN Section Boundary
-  Township/City Boundary
-  County Boundary



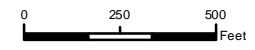
LINE 3 REPLACEMENT PIPELINE ROUTE

DRAWN: MLB CHECKED: ...
DATE: August 31, 2018 SCALE: 1:5,000
Map 294 of 378

COUNTY: Cass
TOWNSHIP: Beulah



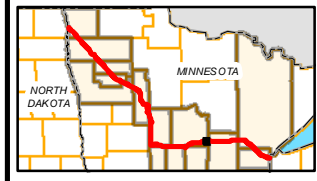
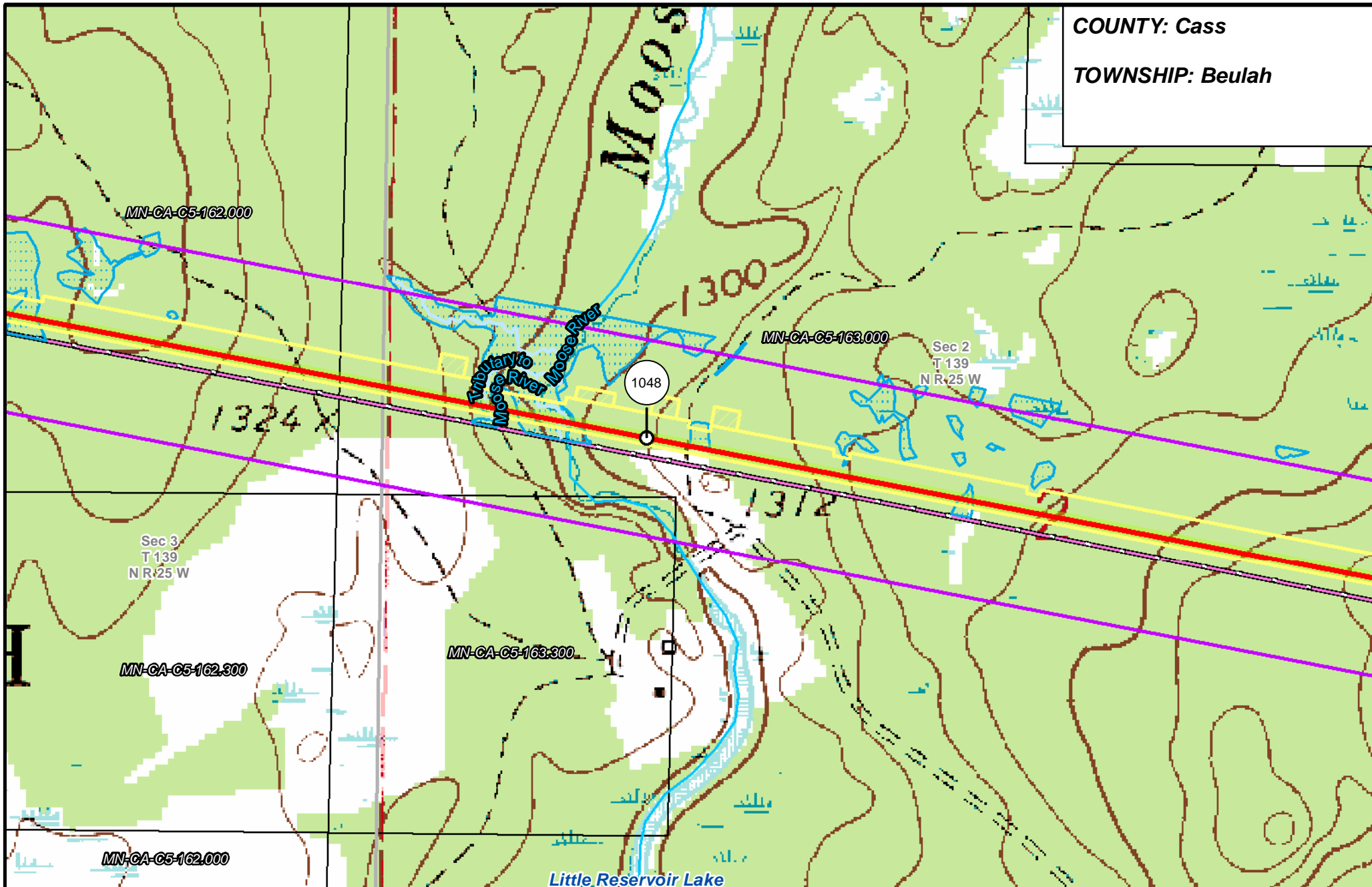
- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



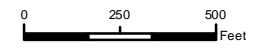
**LINE 3 REPLACEMENT
PIPELINE ROUTE**

DRAWN: *MLB* CHECKED: *---*
DATE: August 31, 2018 SCALE: 1:6,000
Map 295 of 378

COUNTY: Cass
 TOWNSHIP: Beulah



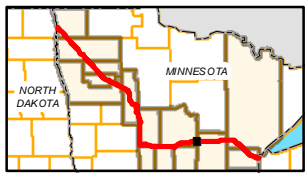
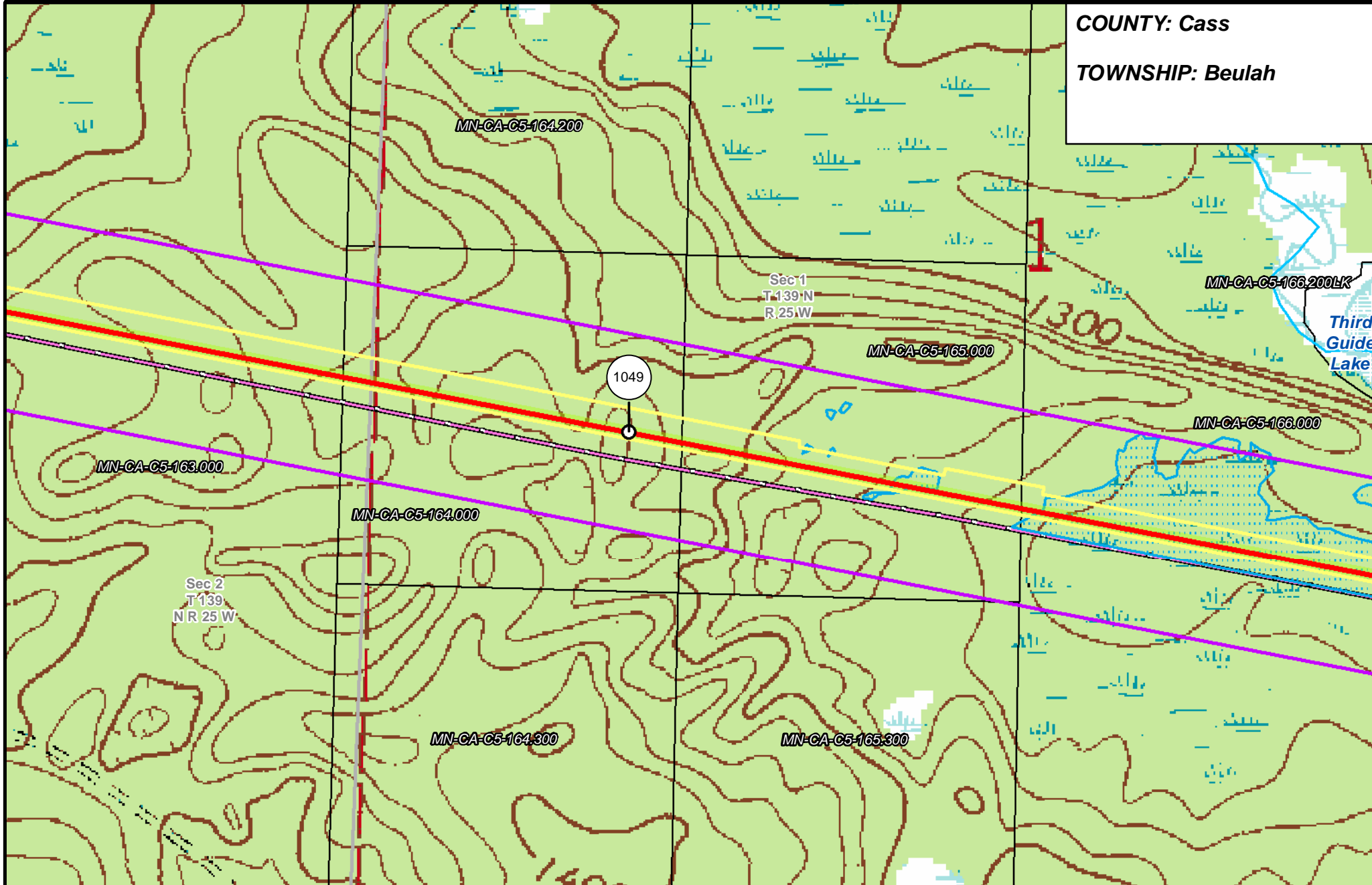
- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



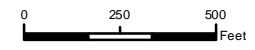
**LINE 3 REPLACEMENT
 PIPELINE ROUTE**

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000
 Map 296 of 378

COUNTY: Cass
TOWNSHIP: Beulah



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



LINE 3 REPLACEMENT PIPELINE ROUTE

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5000

Map 297 of 378

COUNTY: Cass & Aitkin

TOWNSHIP: Beulah & Northwest Aitkin

Third Guide Lane

MN-CA-C5-166.200LK

Third Guide Lane

MN-AI-C5-001.000

MN-AI-C5-002.000

MN-AI-C5-004.200

Sec 28
T 51 N
R 27 W

Sec 27
T 51 N
R 27 W

MN-CA-C5-166.000

Sec 1
T 139 N
R 25 W

Cass County
Aitkin County
R 25 W
R 27 W

MN-AI-C5-003.000

MN-AI-C5-004.000

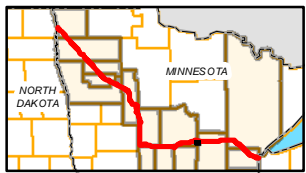
Sec 12
T 139 N
R 25 W

MN-CA-04-012-1100

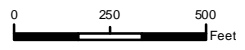
MN-AI-C5-001.300

28

1050



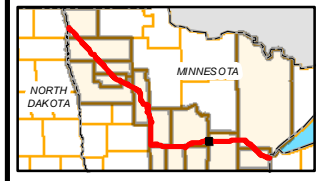
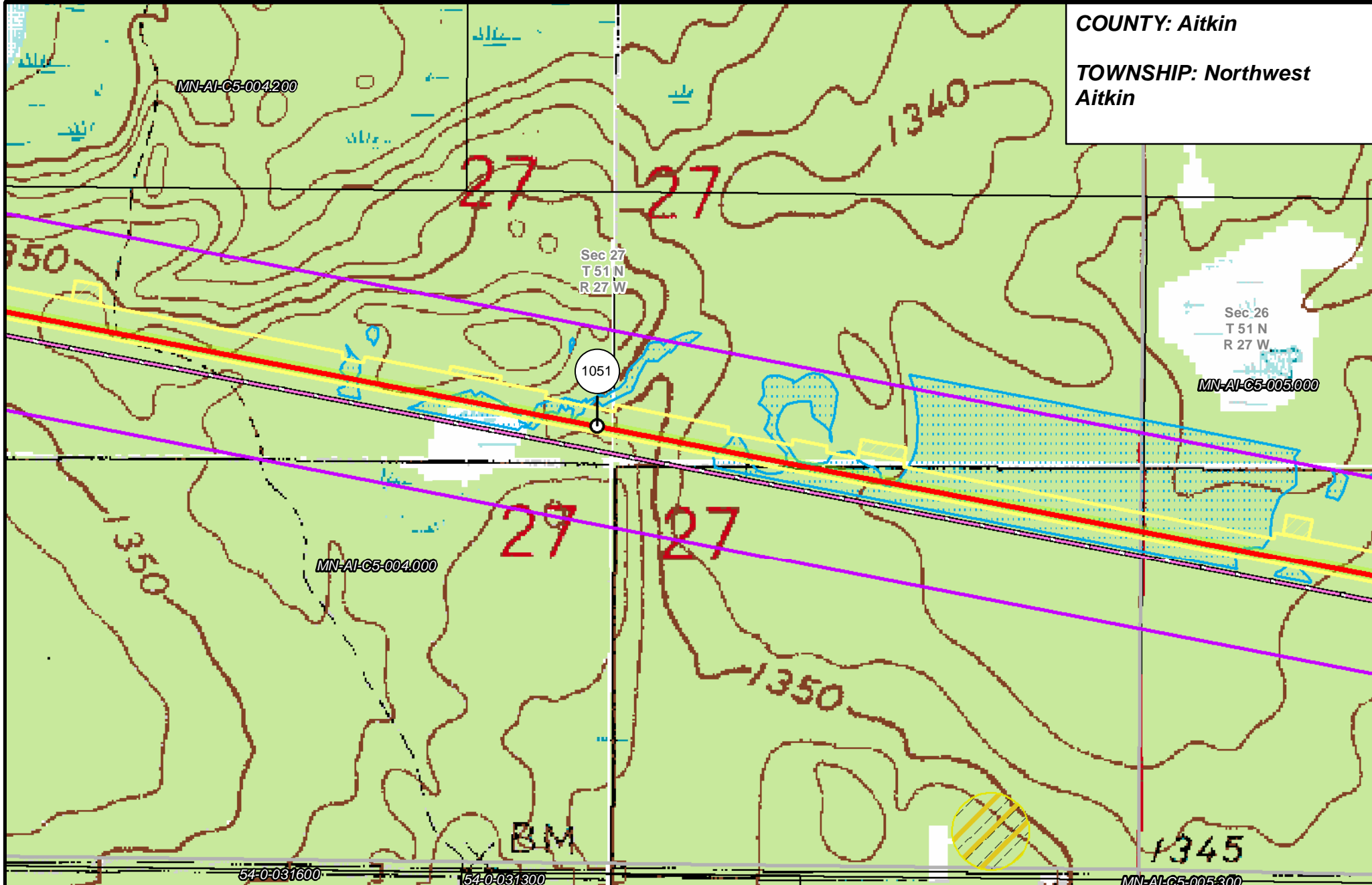
- PUC Designated Route
- ROW
- Line 3R Pipeline
- Valve Location
- Enbridge Pump Station
- Mile Post
- Temporary Workspace
- Additional Temporary Workspace
- Existing Enbridge Pipelines
- Existing Electric Transmission
- Existing Third Party Pipelines
- Surveyed Waterbodies
- ESA
- Surveyed Wetlands
- NWI Wetlands
- Tract Boundary
- MN Section Boundary
- Township/City Boundary
- County Boundary



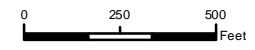
LINE 3 REPLACEMENT PIPELINE ROUTE

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000
 Map 298 of 378

COUNTY: Aitkin
TOWNSHIP: Northwest Aitkin



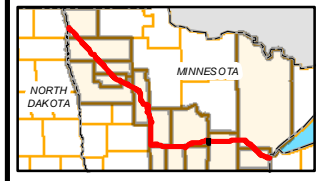
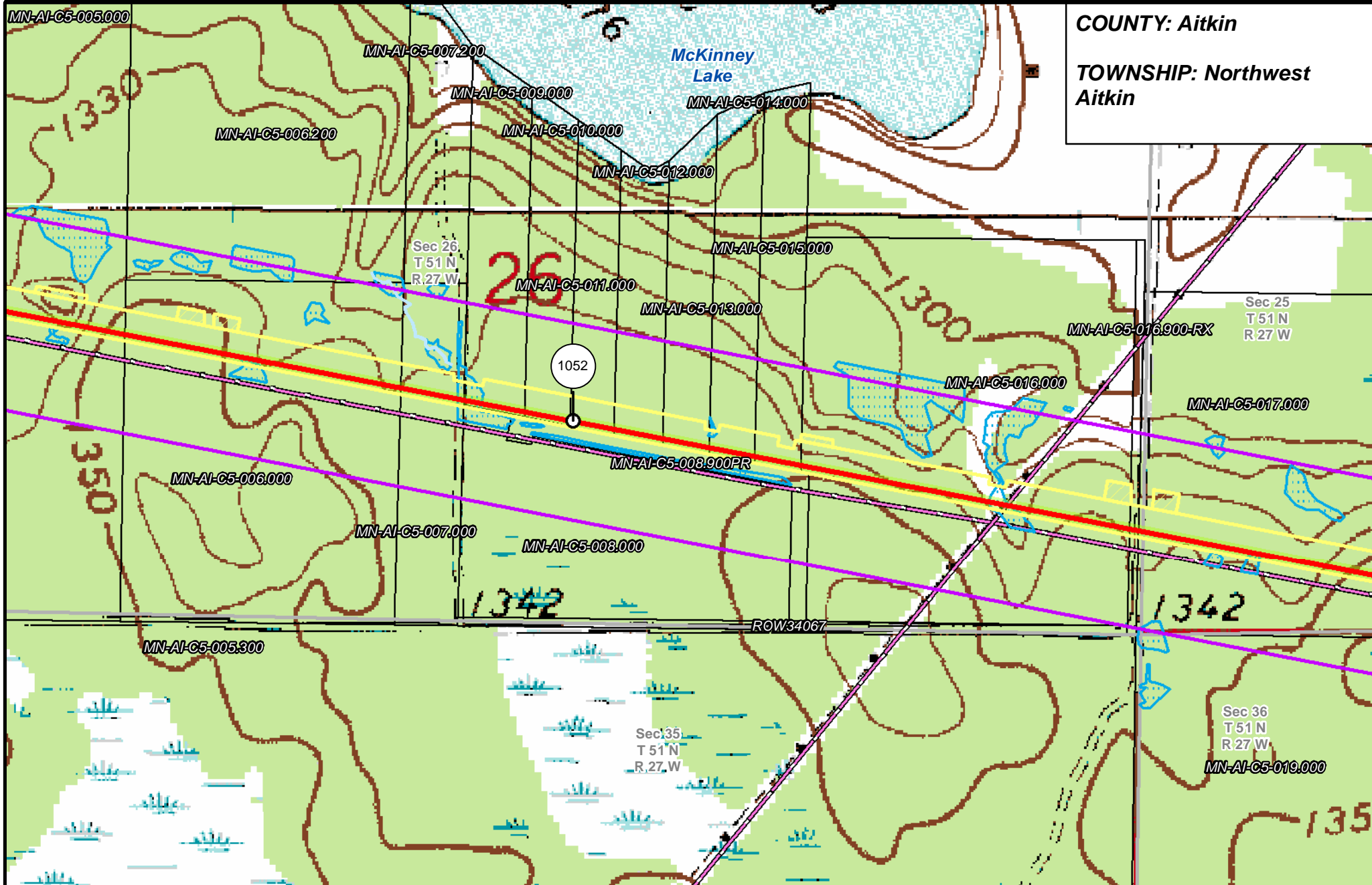
- | | | | |
|-----------------------|--------------------------------|--------------------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | Existing Third Party Pipelines | |



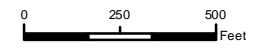
LINE 3 REPLACEMENT PIPELINE ROUTE

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000
 Map 299 of 378

COUNTY: Aitkin
TOWNSHIP: Northwest Aitkin



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |

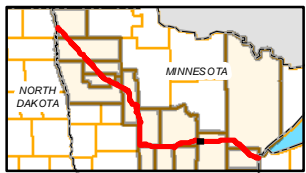
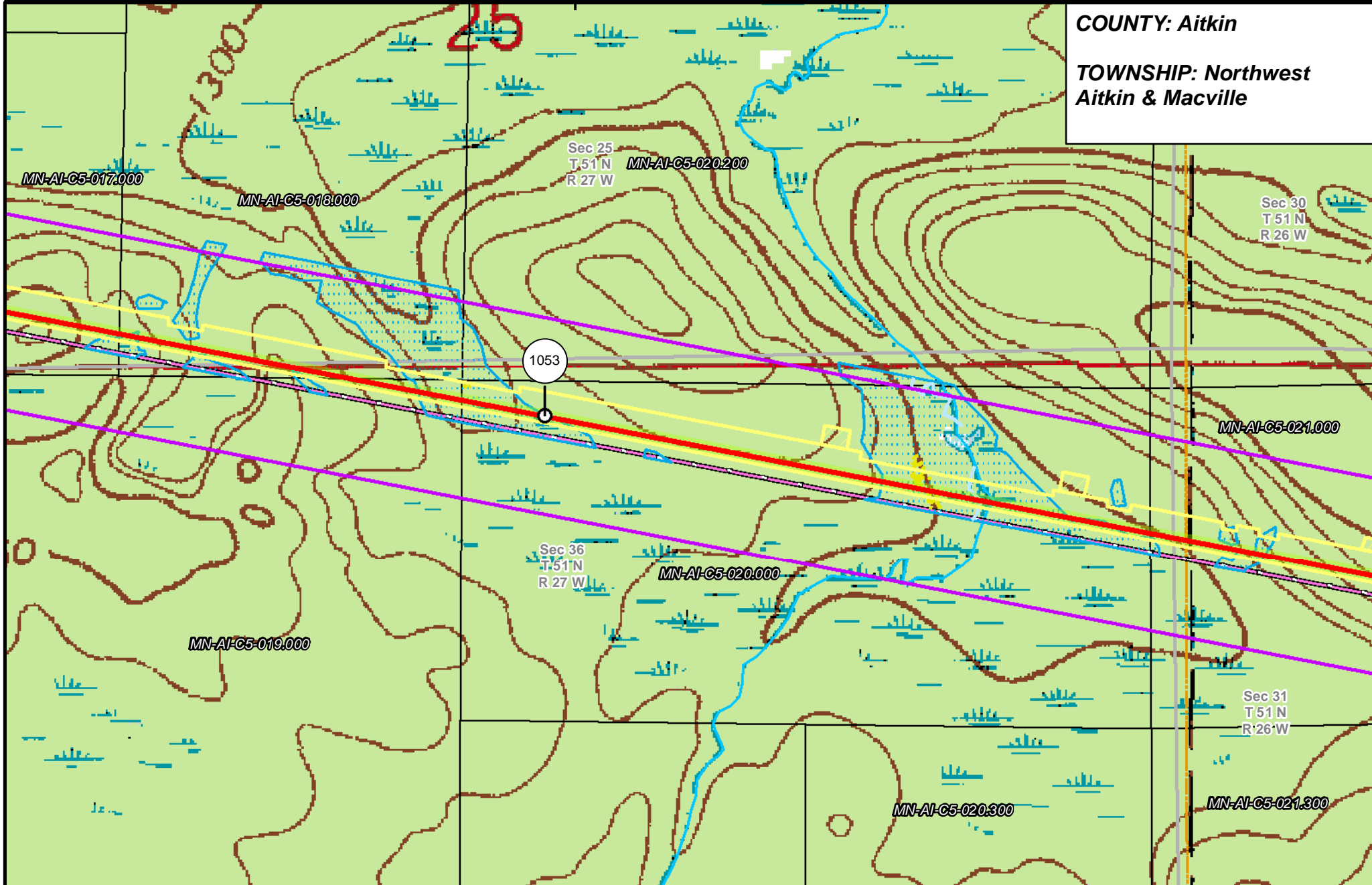


LINE 3 REPLACEMENT PIPELINE ROUTE

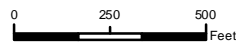
DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000
 Map 300 of 378

COUNTY: Aitkin

TOWNSHIP: Northwest
Aitkin & Macville



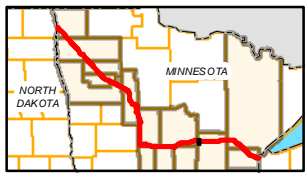
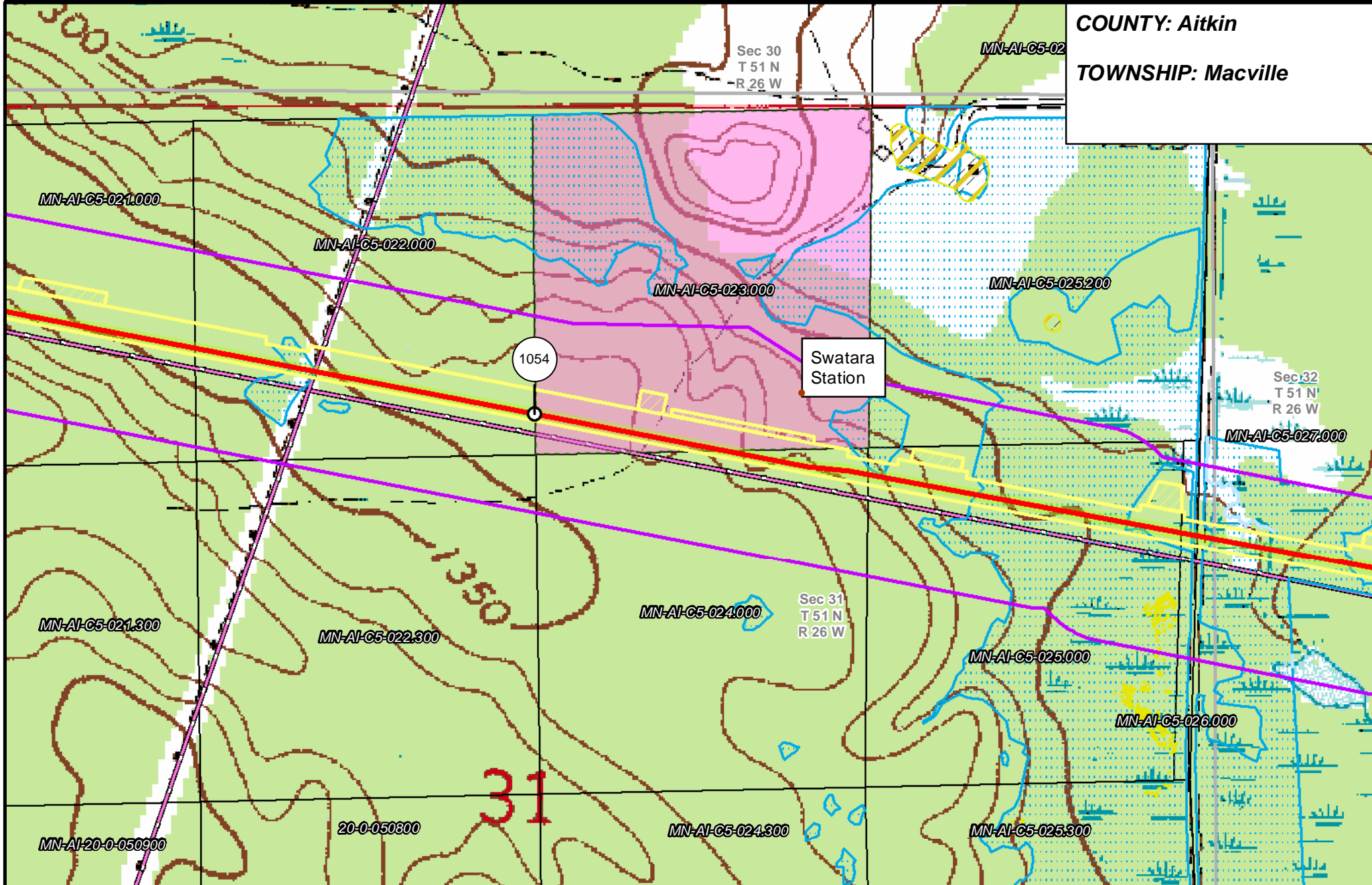
- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



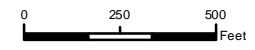
**LINE 3 REPLACEMENT
PIPELINE ROUTE**

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000
 Map 301 of 378

COUNTY: Aitkin
 TOWNSHIP: Macville



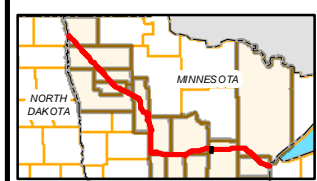
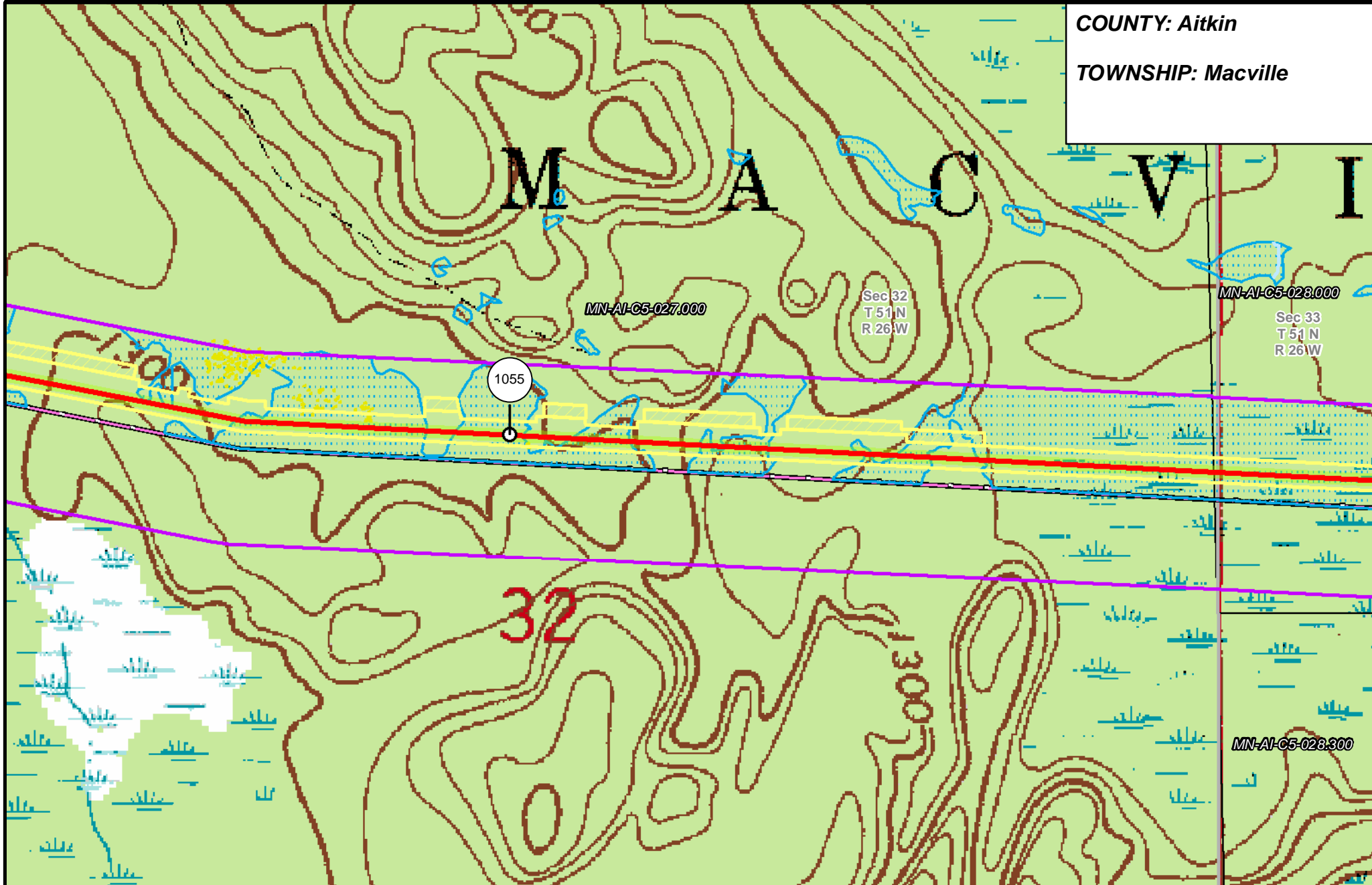
- | | | | |
|-----------------------|--------------------------------|--------------------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | Existing Third Party Pipelines | |



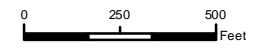
LINE 3 REPLACEMENT PIPELINE ROUTE

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000
 Map 302 of 378

COUNTY: Aitkin
TOWNSHIP: Macville



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |

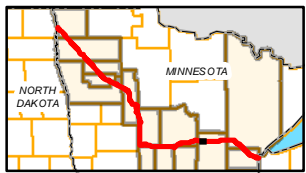
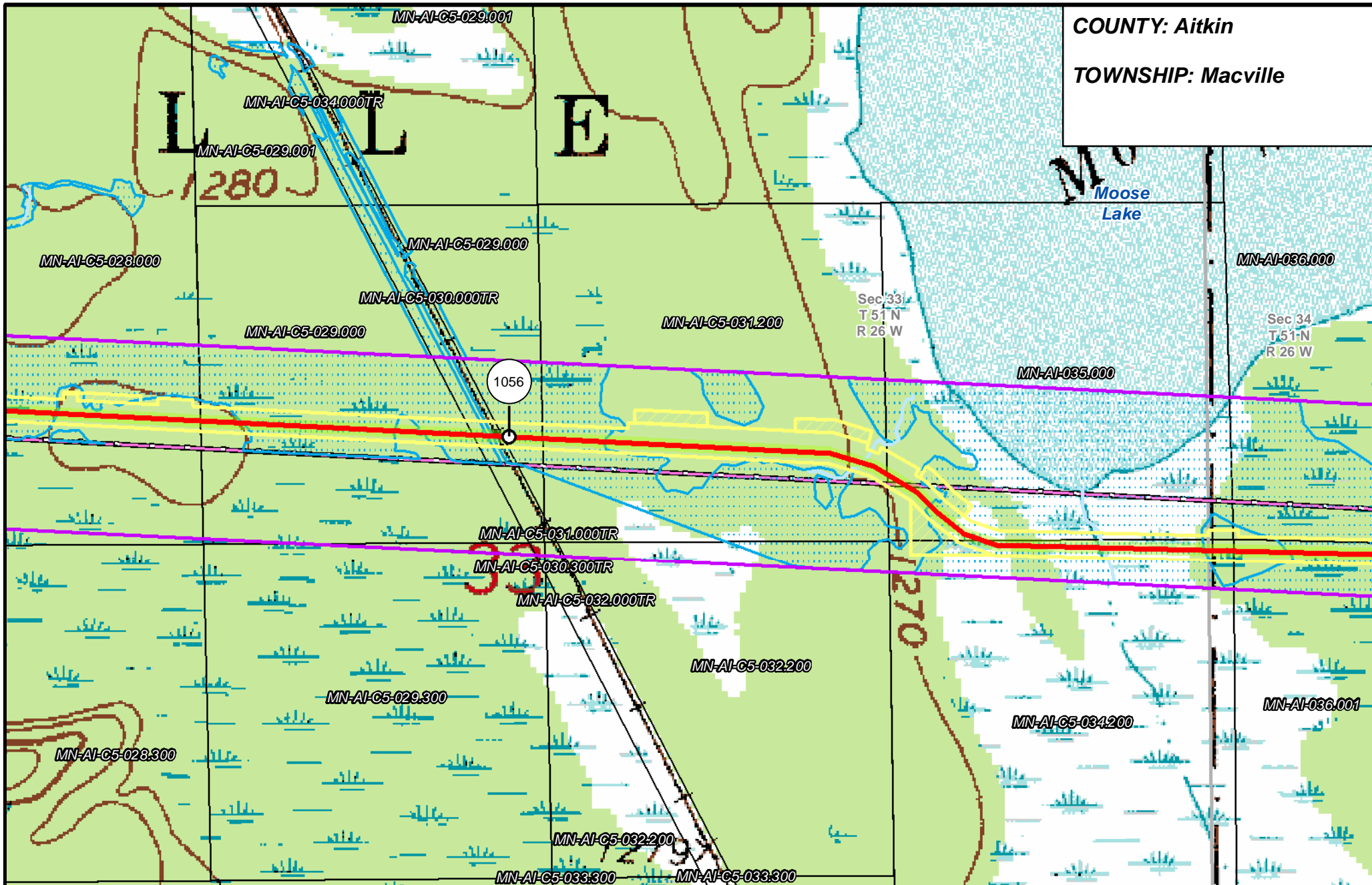


LINE 3 REPLACEMENT PIPELINE ROUTE

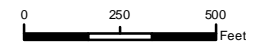
DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000

Map 303 of 378

COUNTY: Aitkin
 TOWNSHIP: Macville



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |

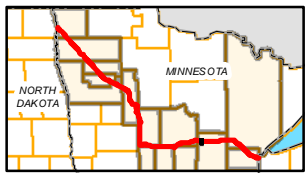
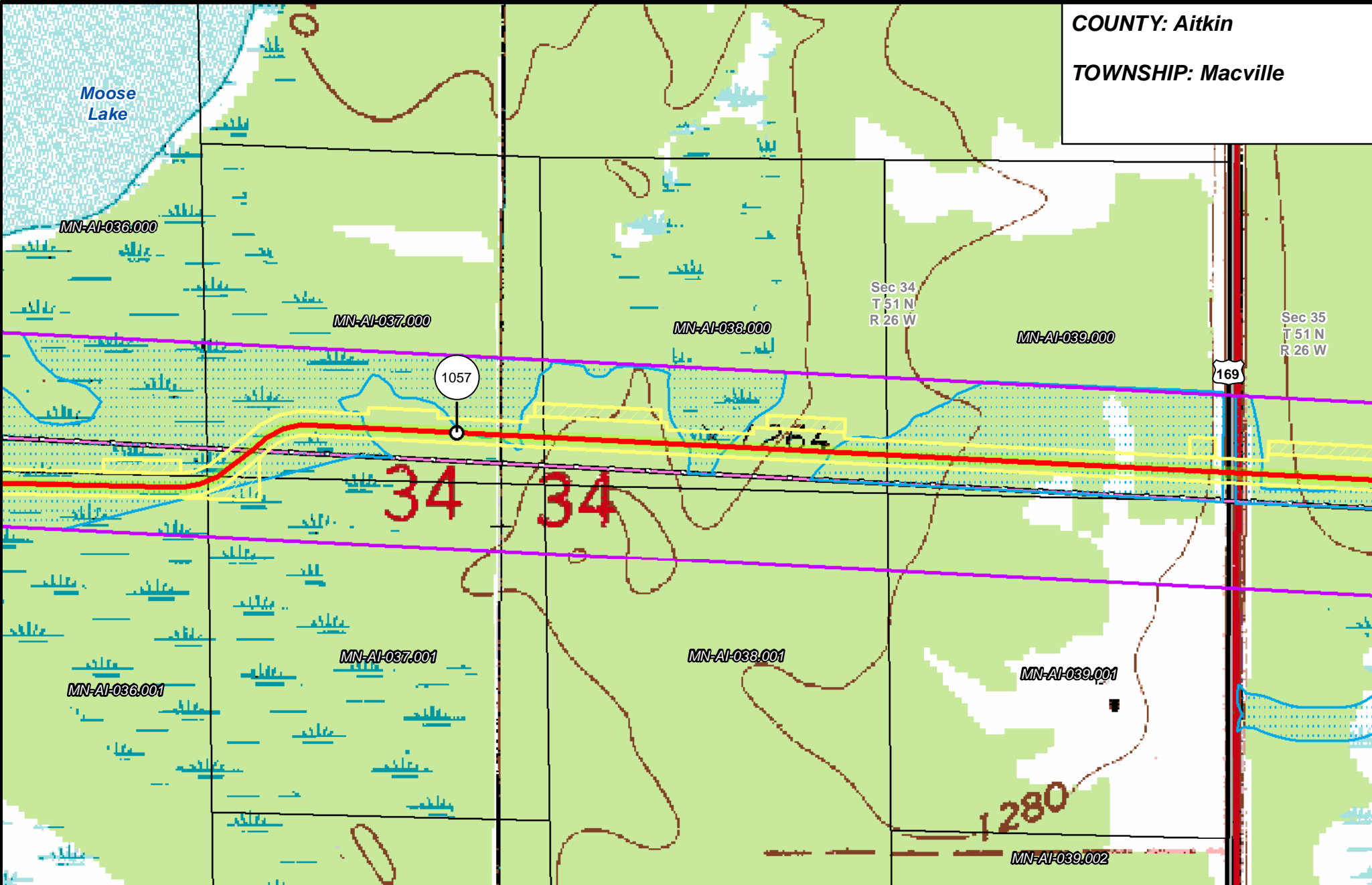


LINE 3 REPLACEMENT PIPELINE ROUTE

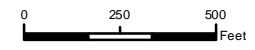
DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000

Map 304 of 378

COUNTY: Aitkin
TOWNSHIP: Macville



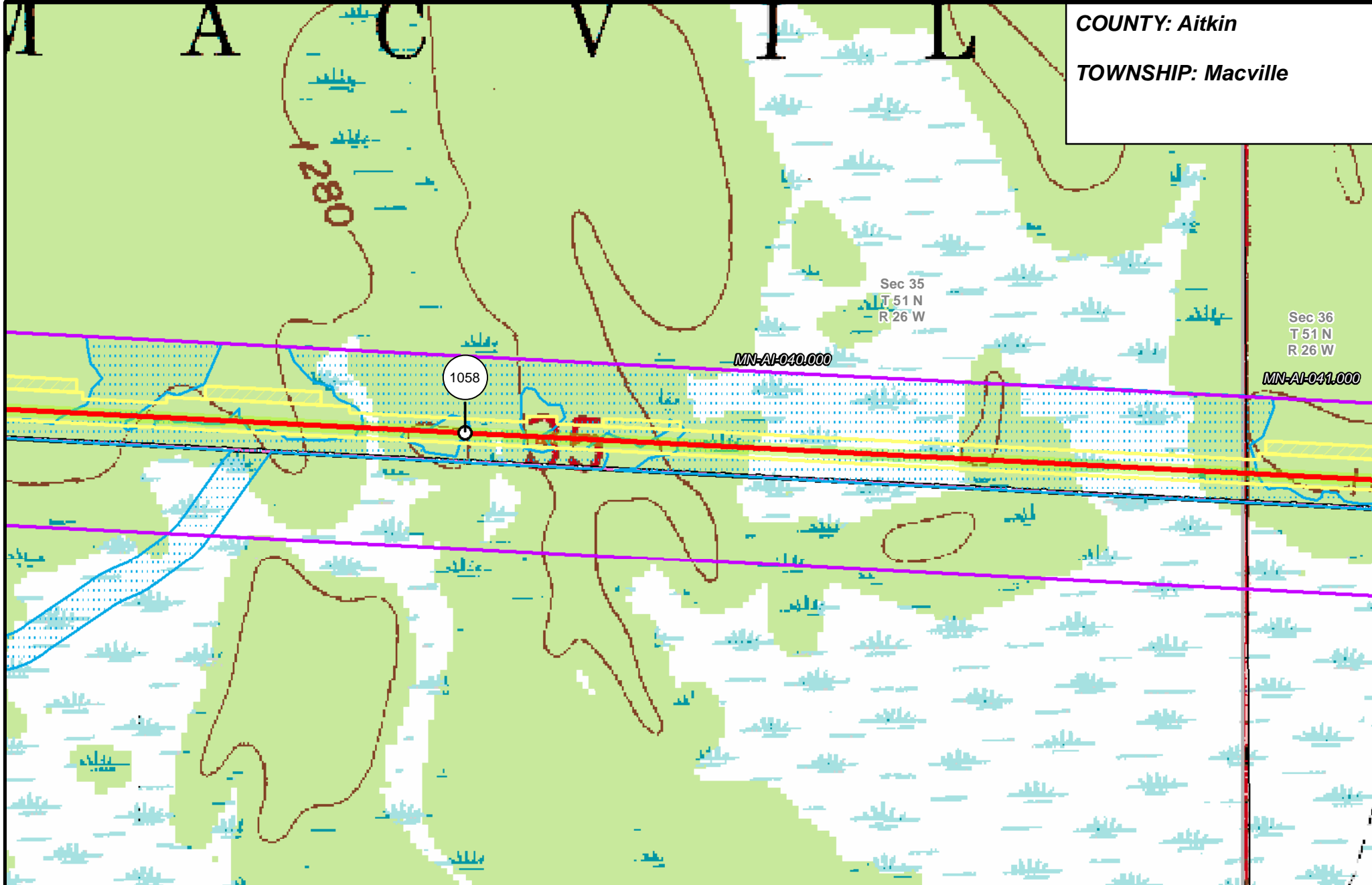
- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



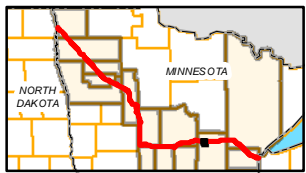
LINE 3 REPLACEMENT PIPELINE ROUTE

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:6,000

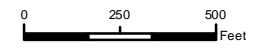
Map 305 of 378



COUNTY: Aitkin
TOWNSHIP: Macville



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |

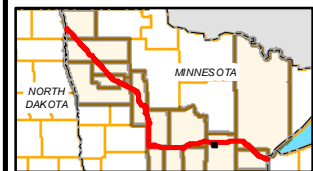
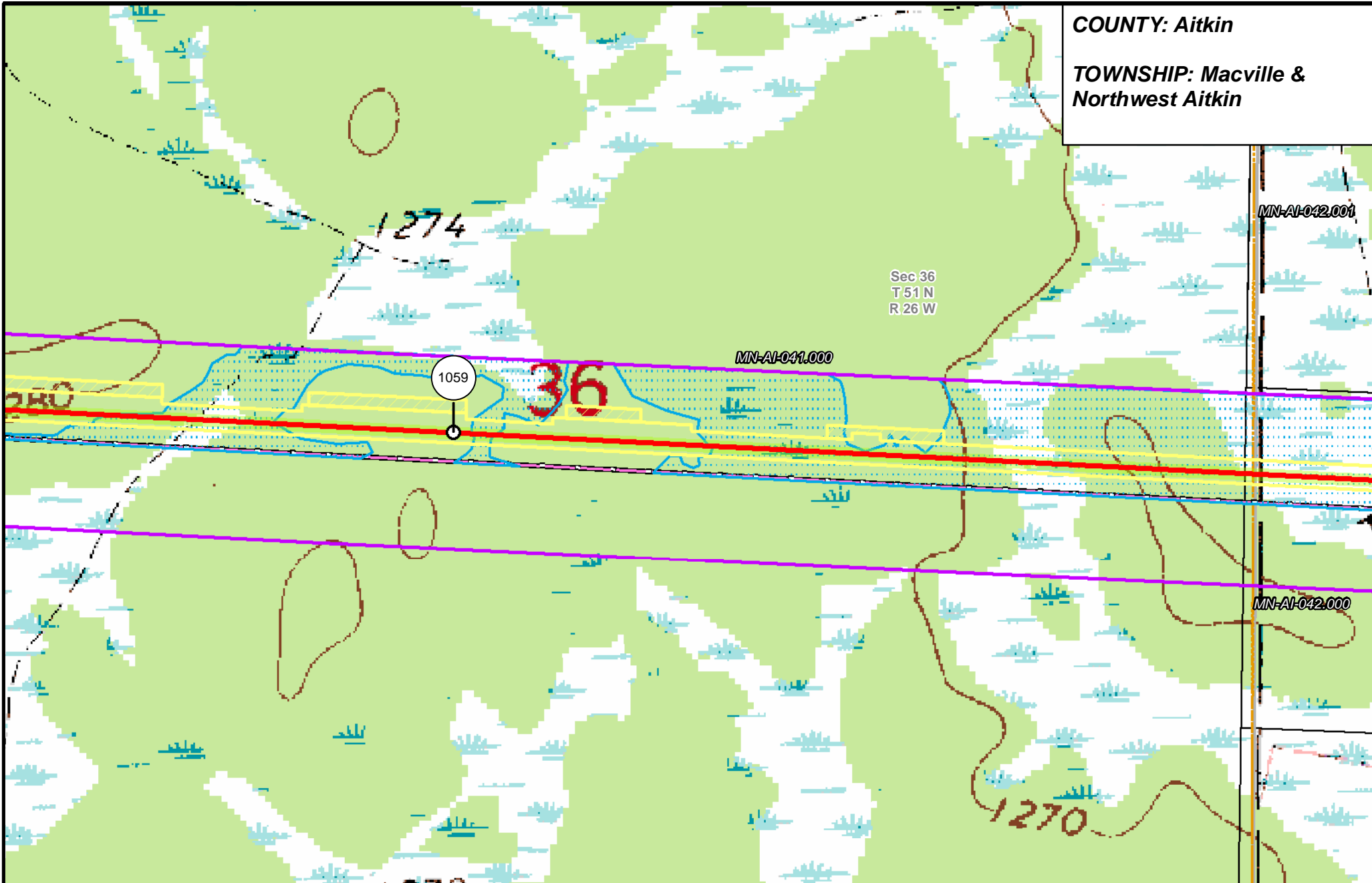


LINE 3 REPLACEMENT PIPELINE ROUTE

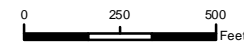
DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:6,000
 Map 306 of 378

COUNTY: Aitkin

TOWNSHIP: Macville &
Northwest Aitkin



- | | | | |
|--------------------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| Existing Third Party Pipelines | | | |

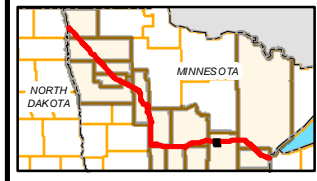
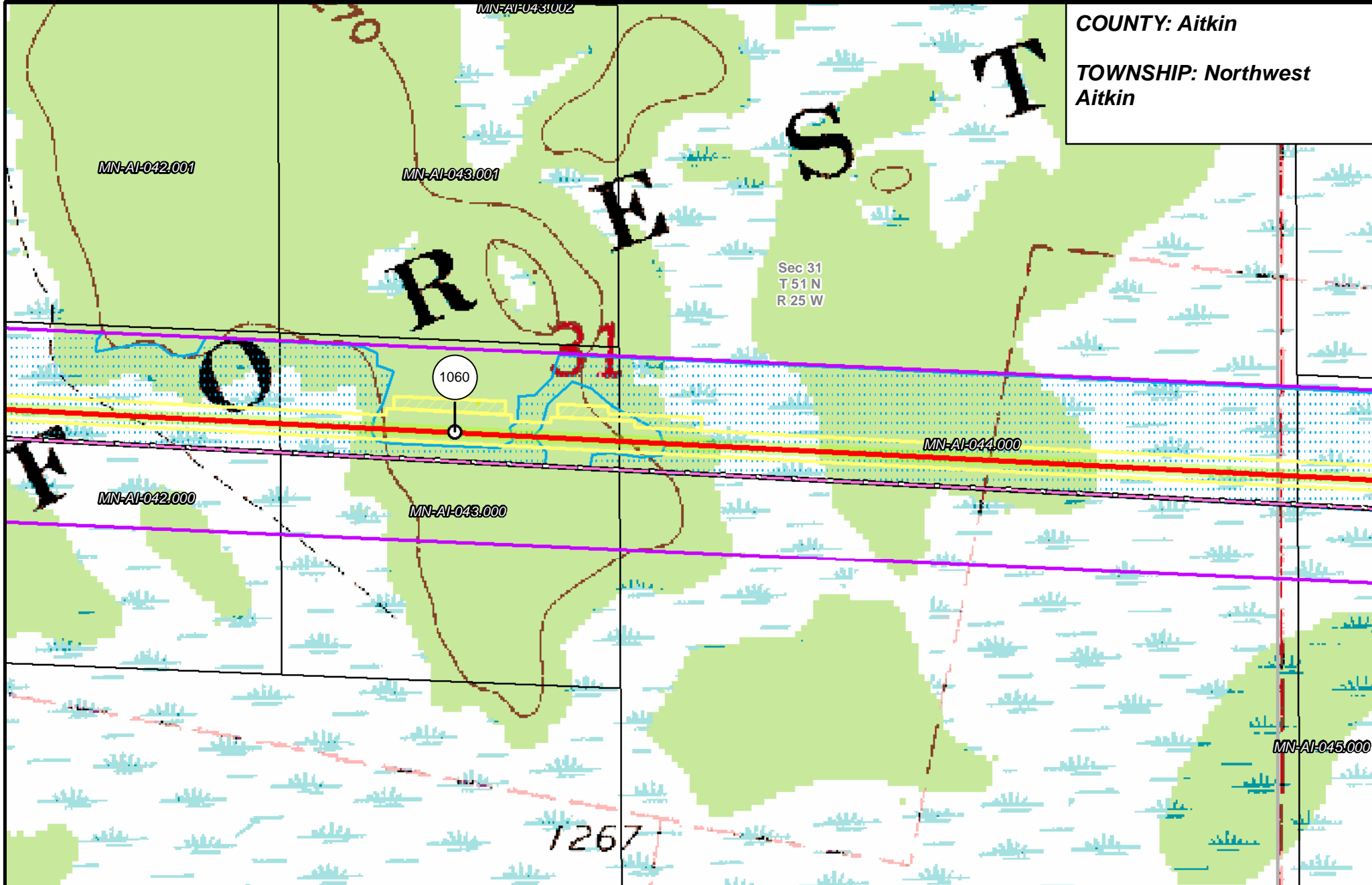


**LINE 3 REPLACEMENT
PIPELINE ROUTE**

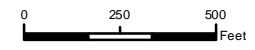
DRAWN: MLB CHECKED: ...
DATE: August 31, 2018 SCALE: 1:5,000

Map 307 of 378

COUNTY: Aitkin
TOWNSHIP: Northwest Aitkin



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |

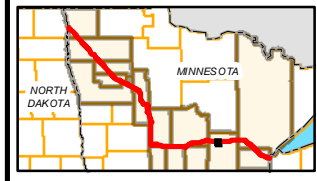
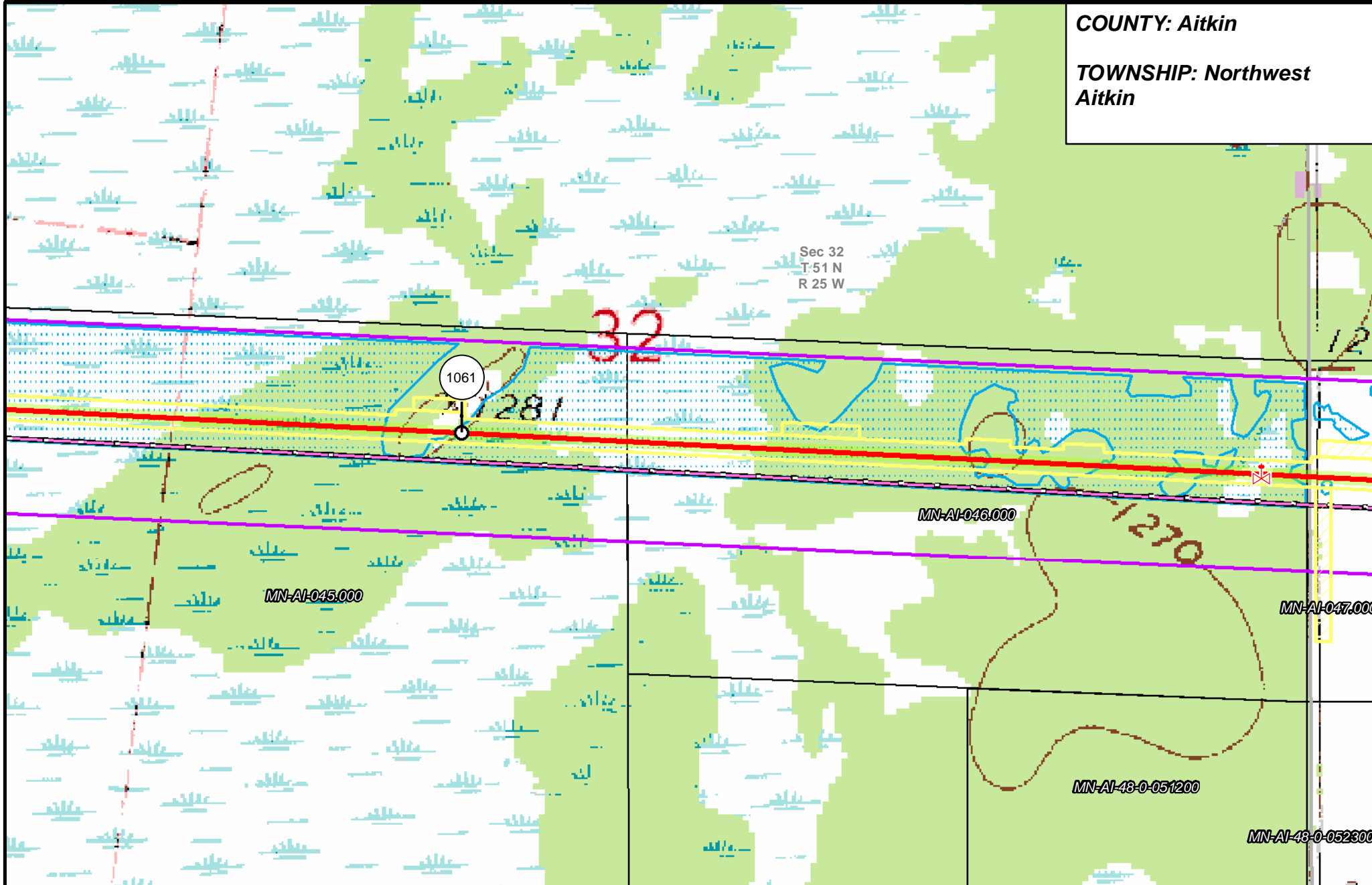


LINE 3 REPLACEMENT PIPELINE ROUTE

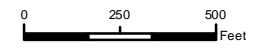
DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000

Map 308 of 378

COUNTY: Aitkin
TOWNSHIP: Northwest Aitkin



- | | | | |
|-----------------------|--------------------------------|--------------------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | Existing Third Party Pipelines | |

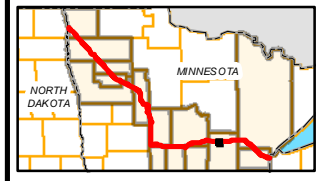
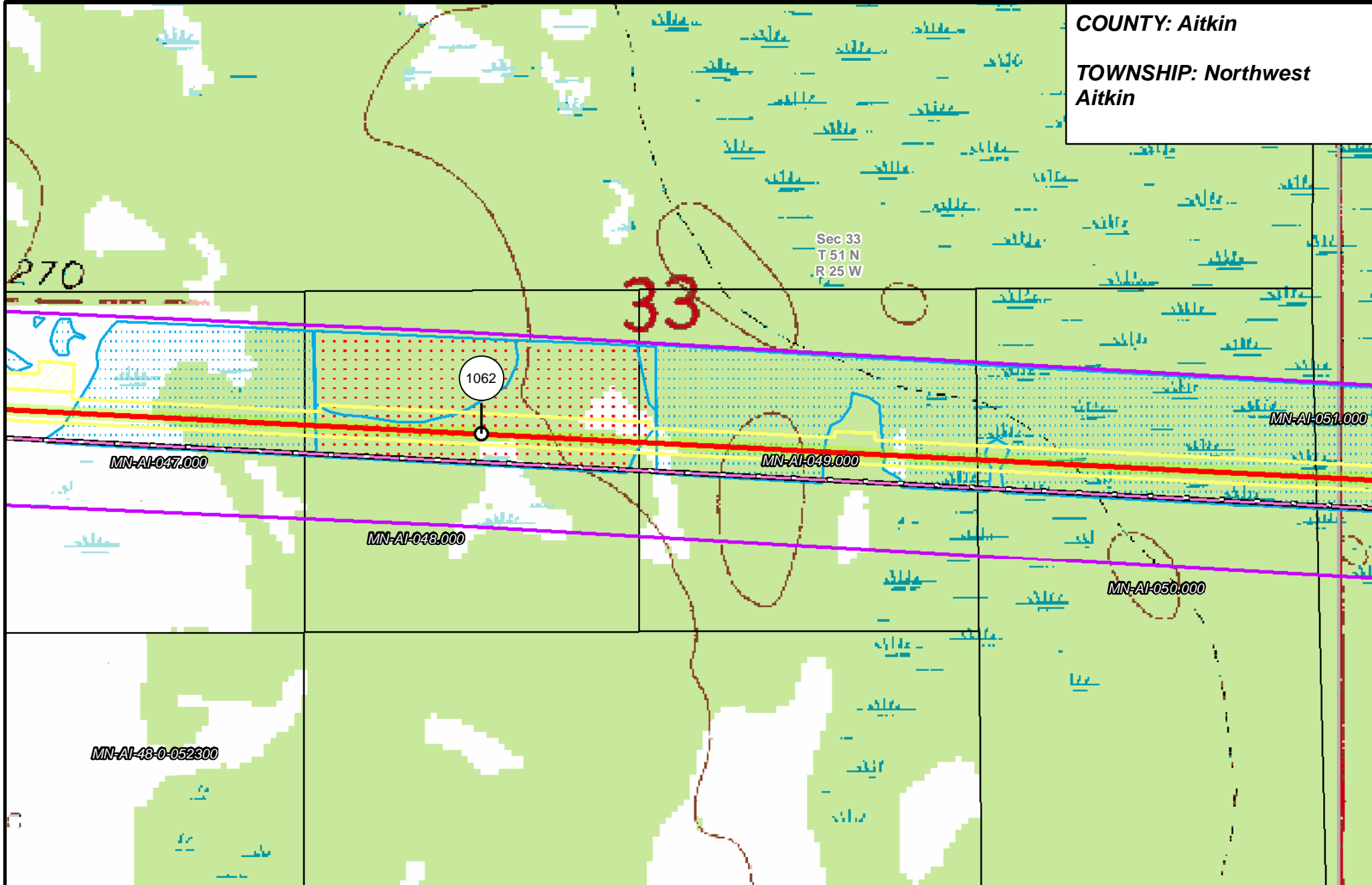


LINE 3 REPLACEMENT PIPELINE ROUTE

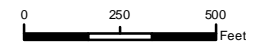
DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000

Map 309 of 378

COUNTY: Aitkin
TOWNSHIP: Northwest Aitkin



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |

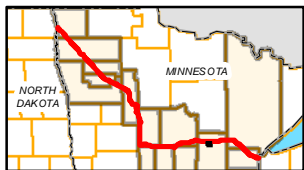
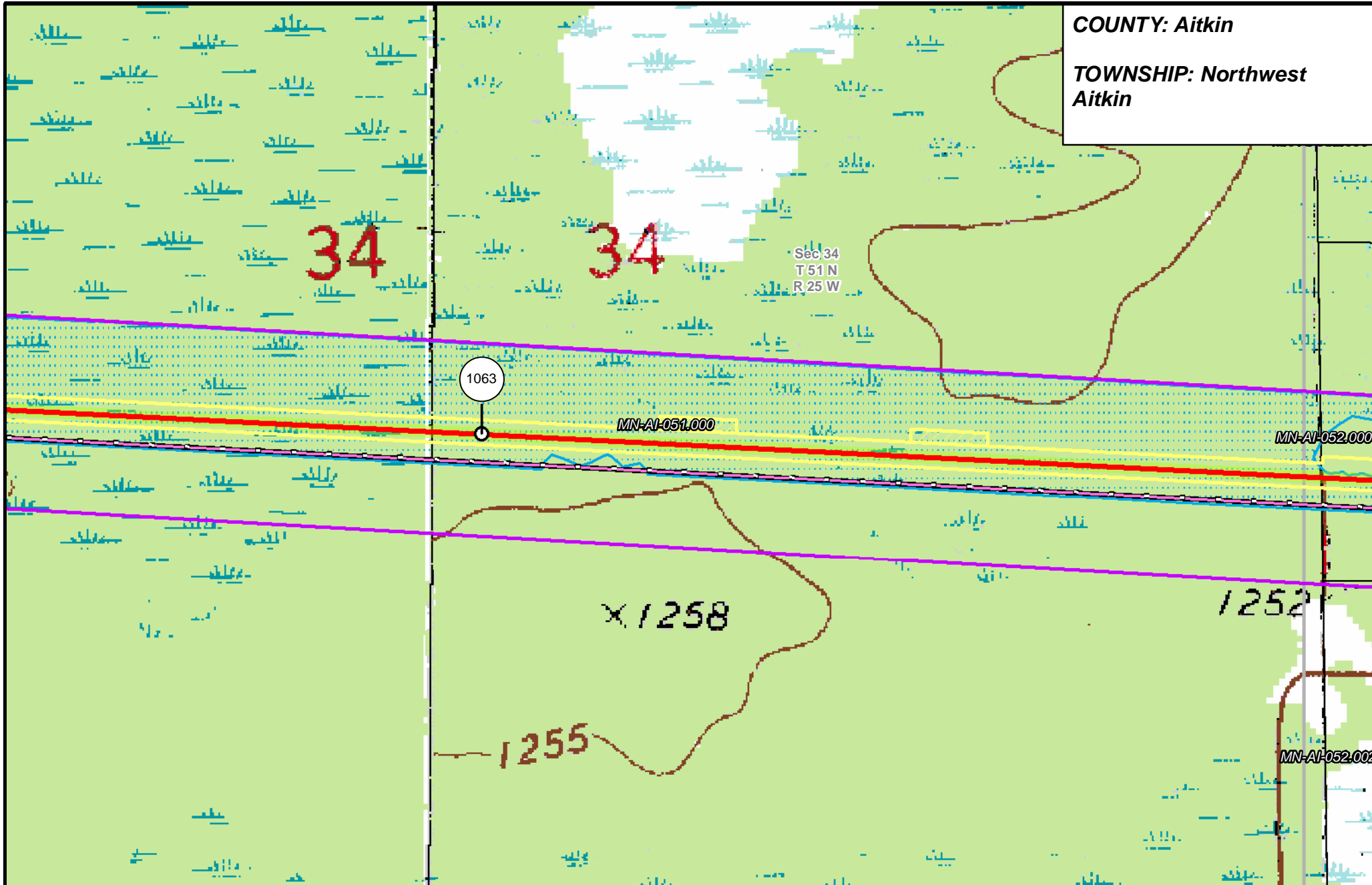


LINE 3 REPLACEMENT PIPELINE ROUTE

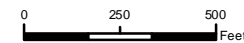
DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000

Map 310 of 378

COUNTY: Aitkin
TOWNSHIP: Northwest
 Aitkin



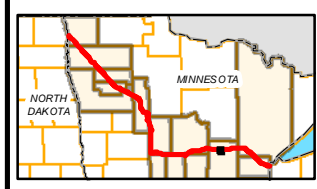
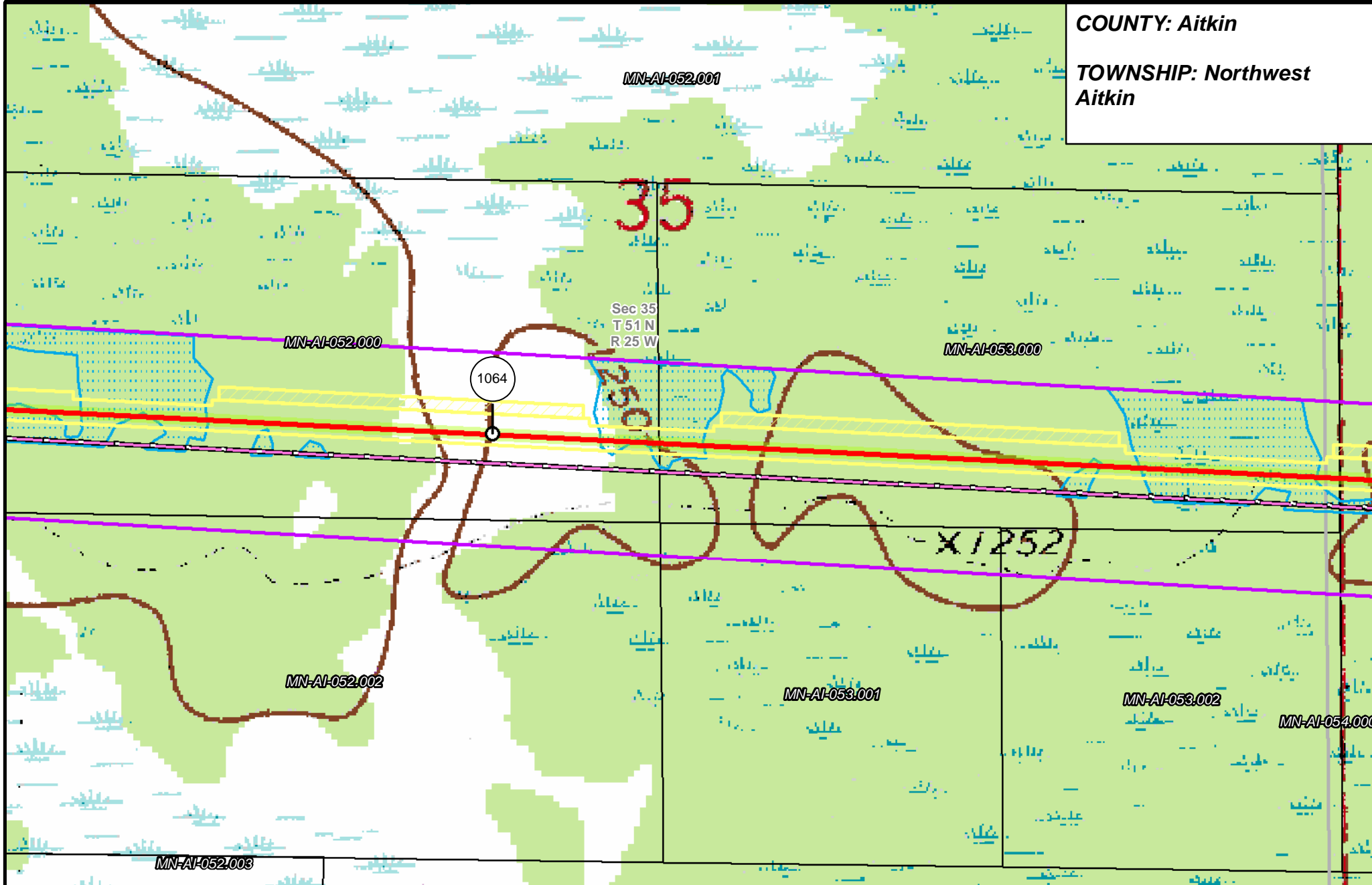
- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



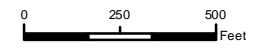
**LINE 3 REPLACEMENT
 PIPELINE ROUTE**

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:6,000
 Map 311 of 378

COUNTY: Aitkin
TOWNSHIP: Northwest Aitkin



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |

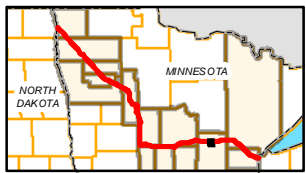
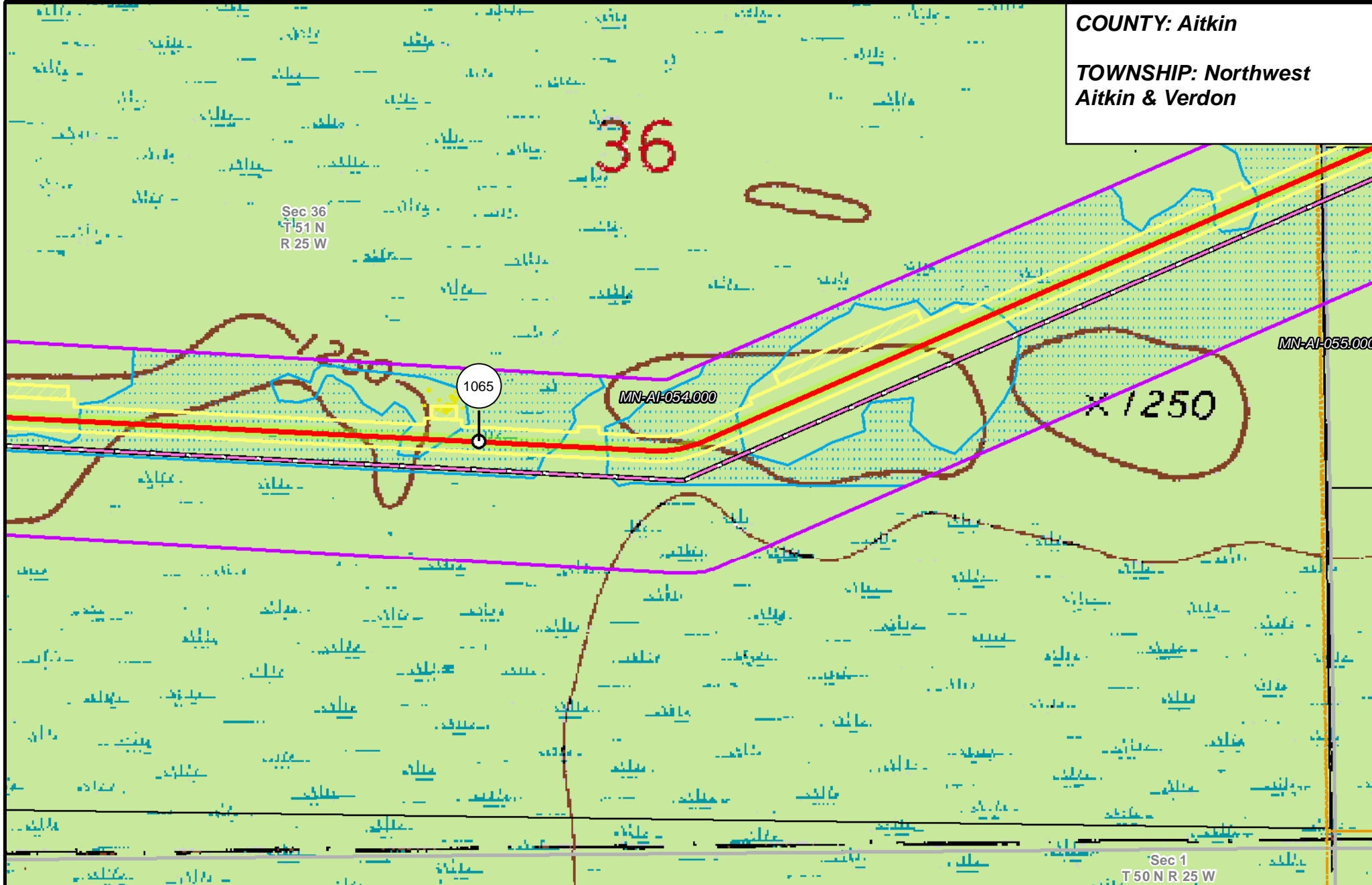


LINE 3 REPLACEMENT PIPELINE ROUTE

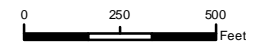
DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000

Map 312 of 378

COUNTY: Aitkin
TOWNSHIP: Northwest Aitkin & Verdon



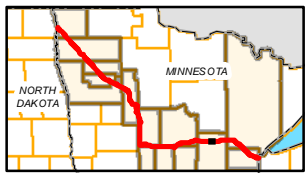
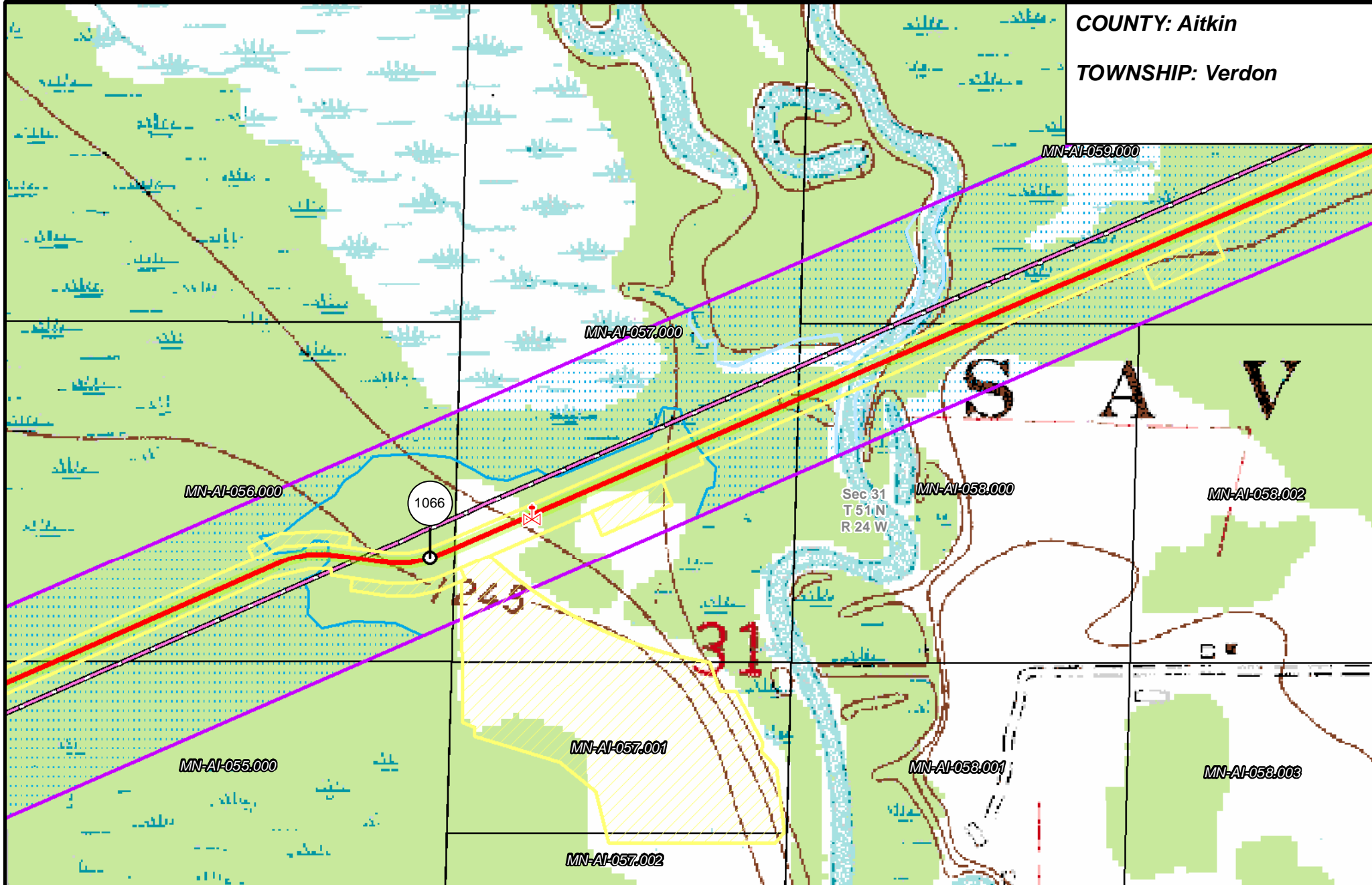
- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



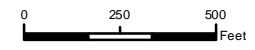
LINE 3 REPLACEMENT PIPELINE ROUTE

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000
 Map 313 of 378

COUNTY: Aitkin
TOWNSHIP: Verdon



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |

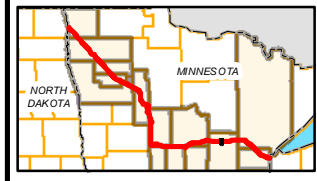
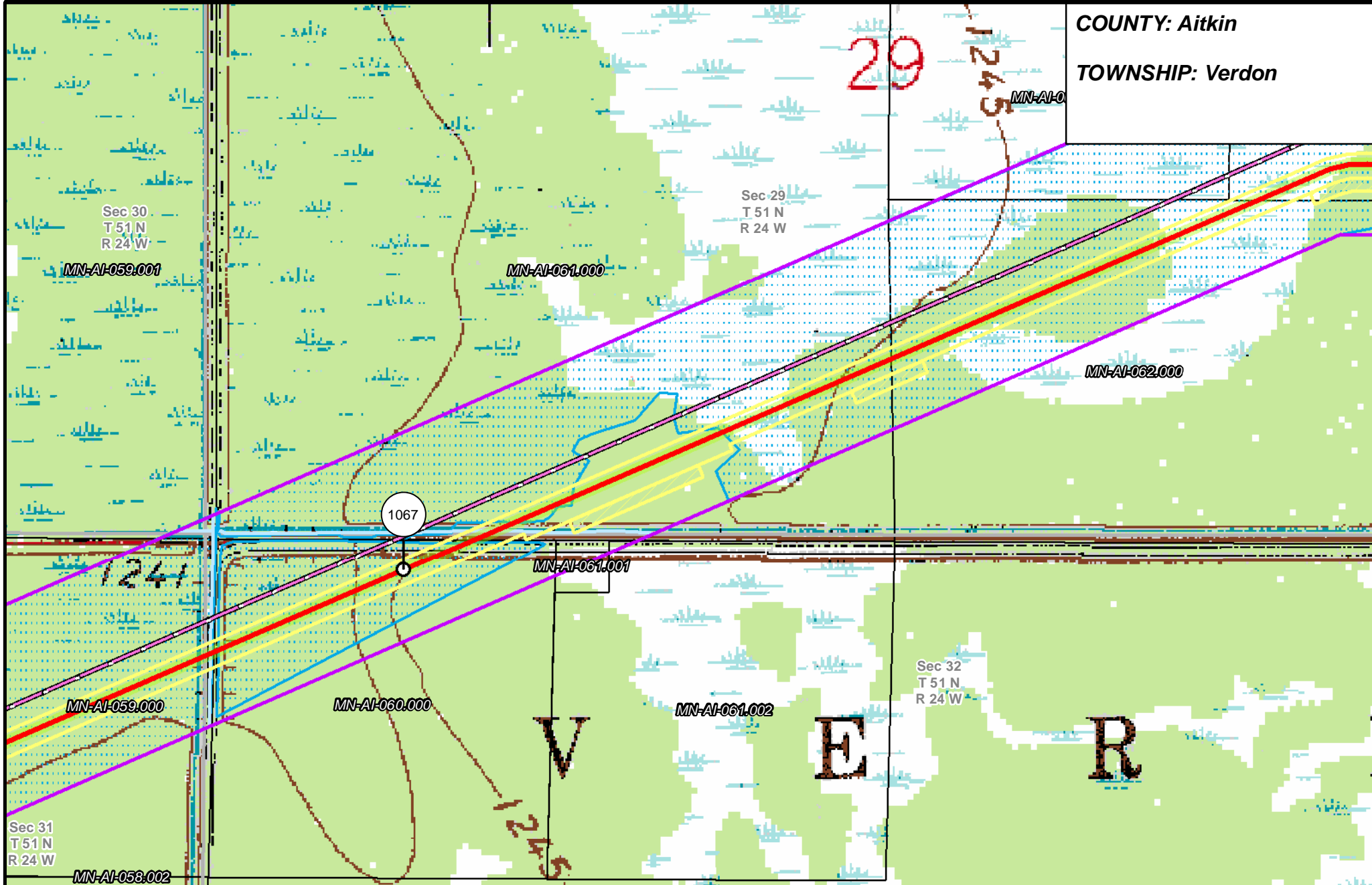


LINE 3 REPLACEMENT PIPELINE ROUTE

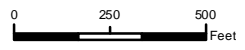
DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000

Map 314 of 378

COUNTY: Aitkin
 TOWNSHIP: Verdon



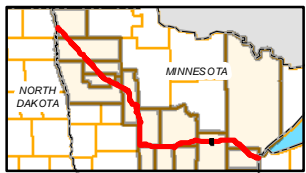
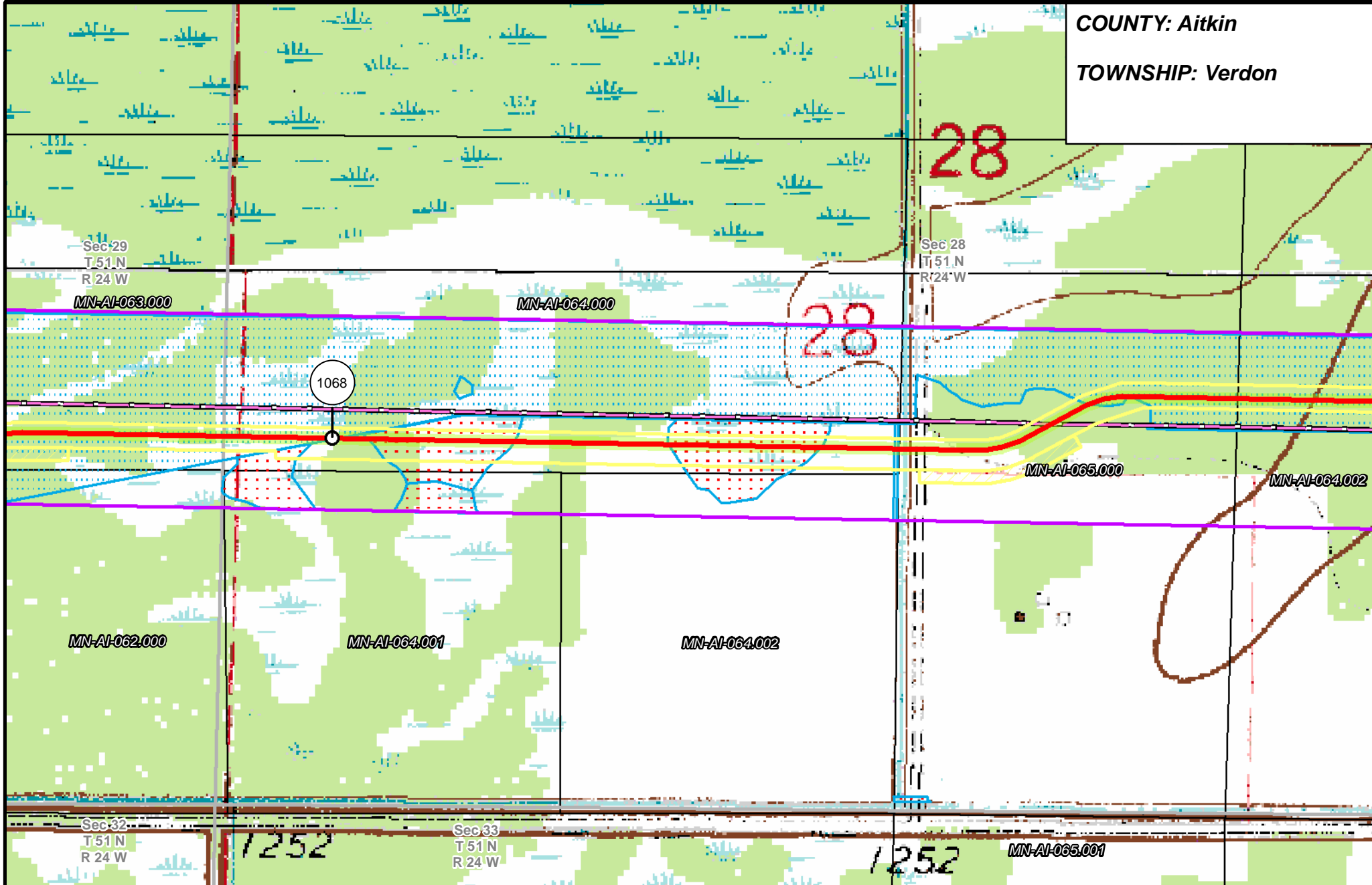
- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



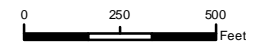
LINE 3 REPLACEMENT PIPELINE ROUTE

DRAWN: MLB CHECKED: --
 DATE: August 31, 2018 SCALE: 1:5000
 Map 315 of 378

COUNTY: Aitkin
 TOWNSHIP: Verdon



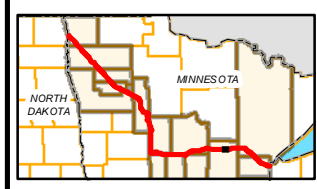
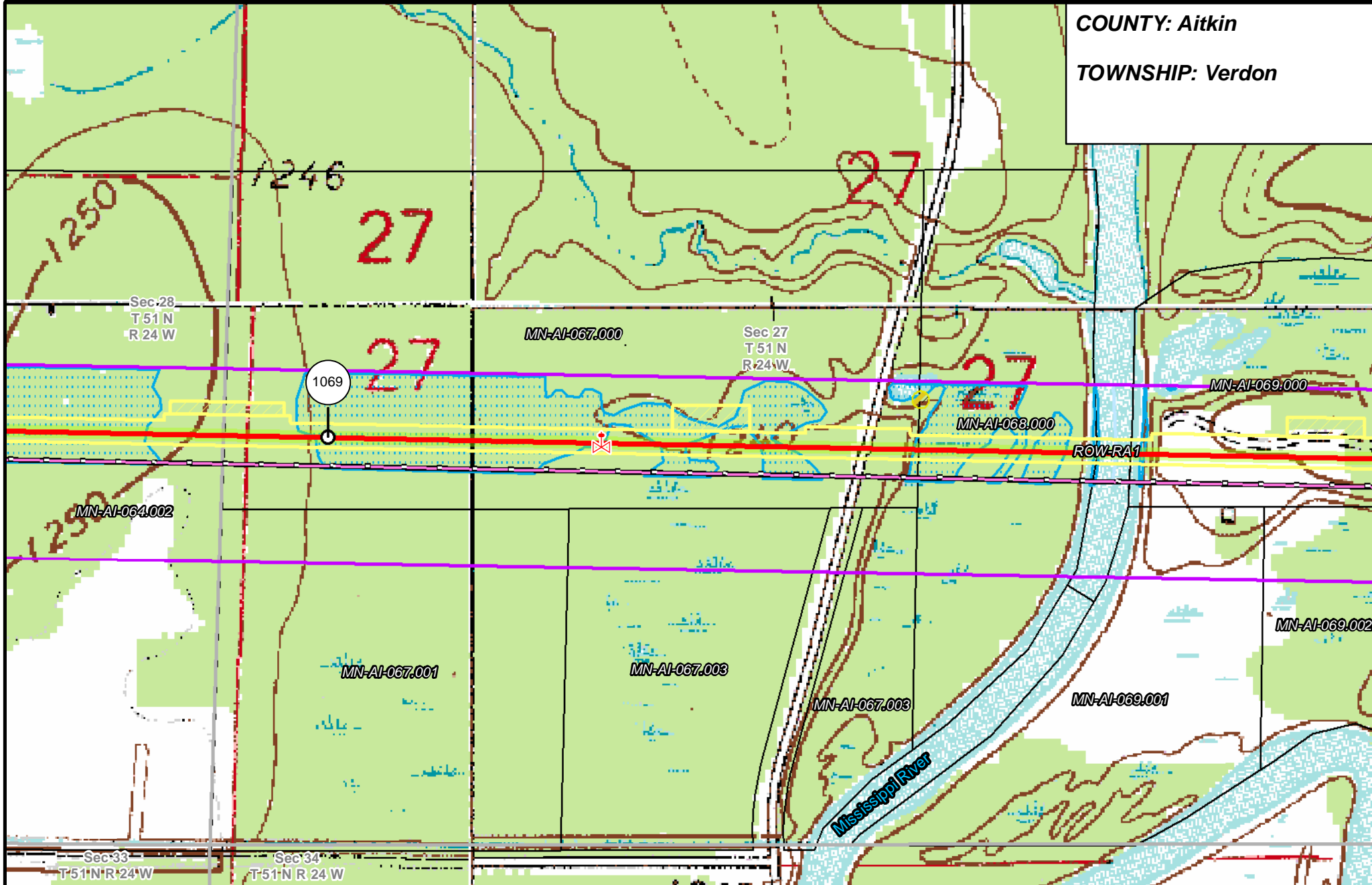
- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



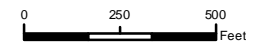
LINE 3 REPLACEMENT PIPELINE ROUTE

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5000
 Map 316 of 378

COUNTY: Aitkin
TOWNSHIP: Verdon



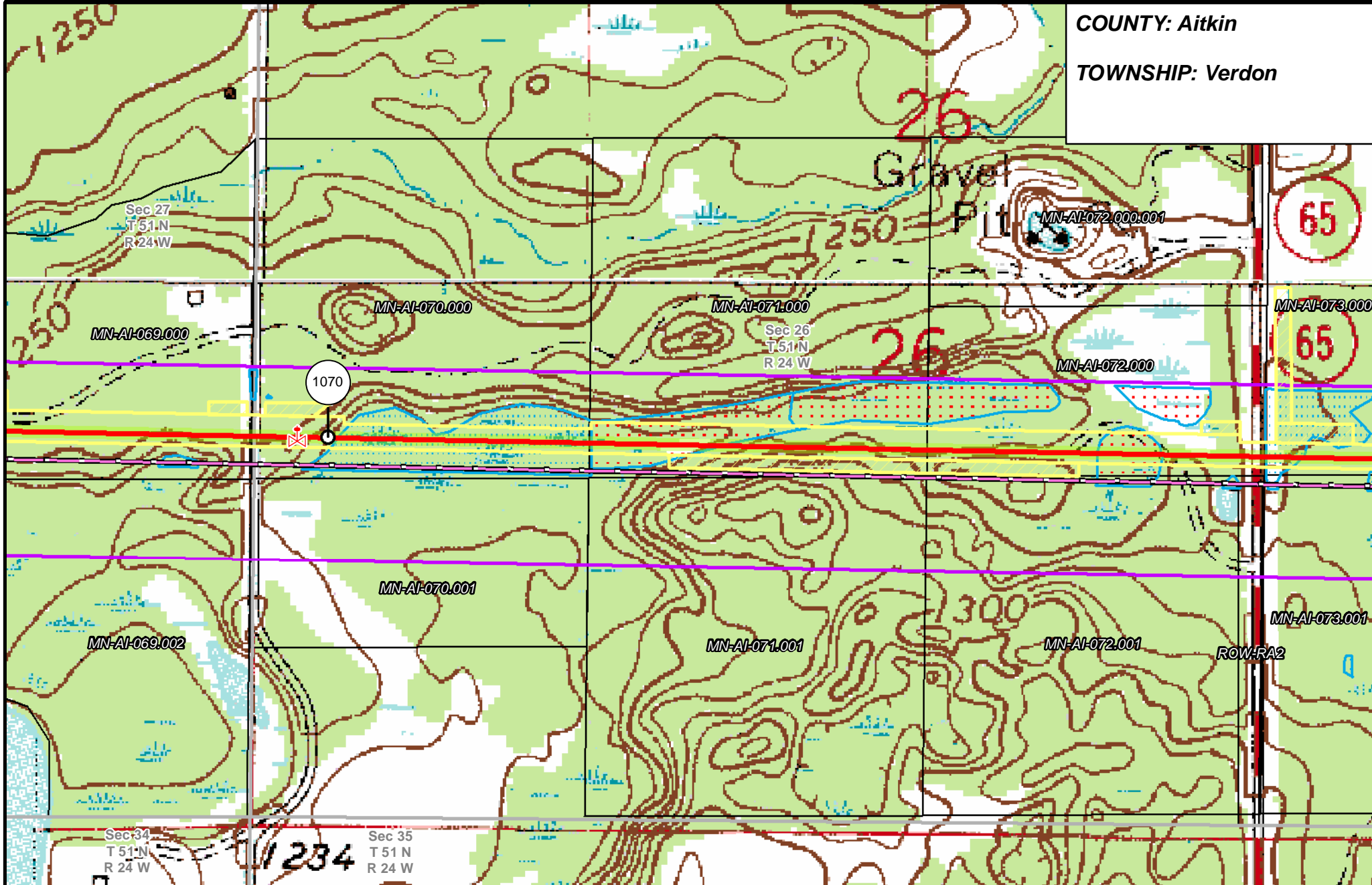
- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



LINE 3 REPLACEMENT PIPELINE ROUTE

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000
 Map 317 of 378

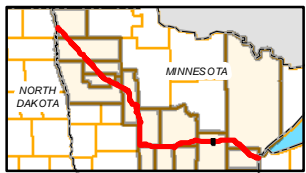
COUNTY: Aitkin
 TOWNSHIP: Verdon



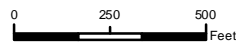
65

65

ROW-RA2



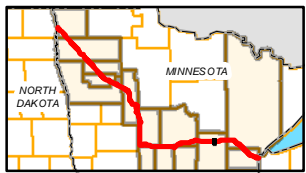
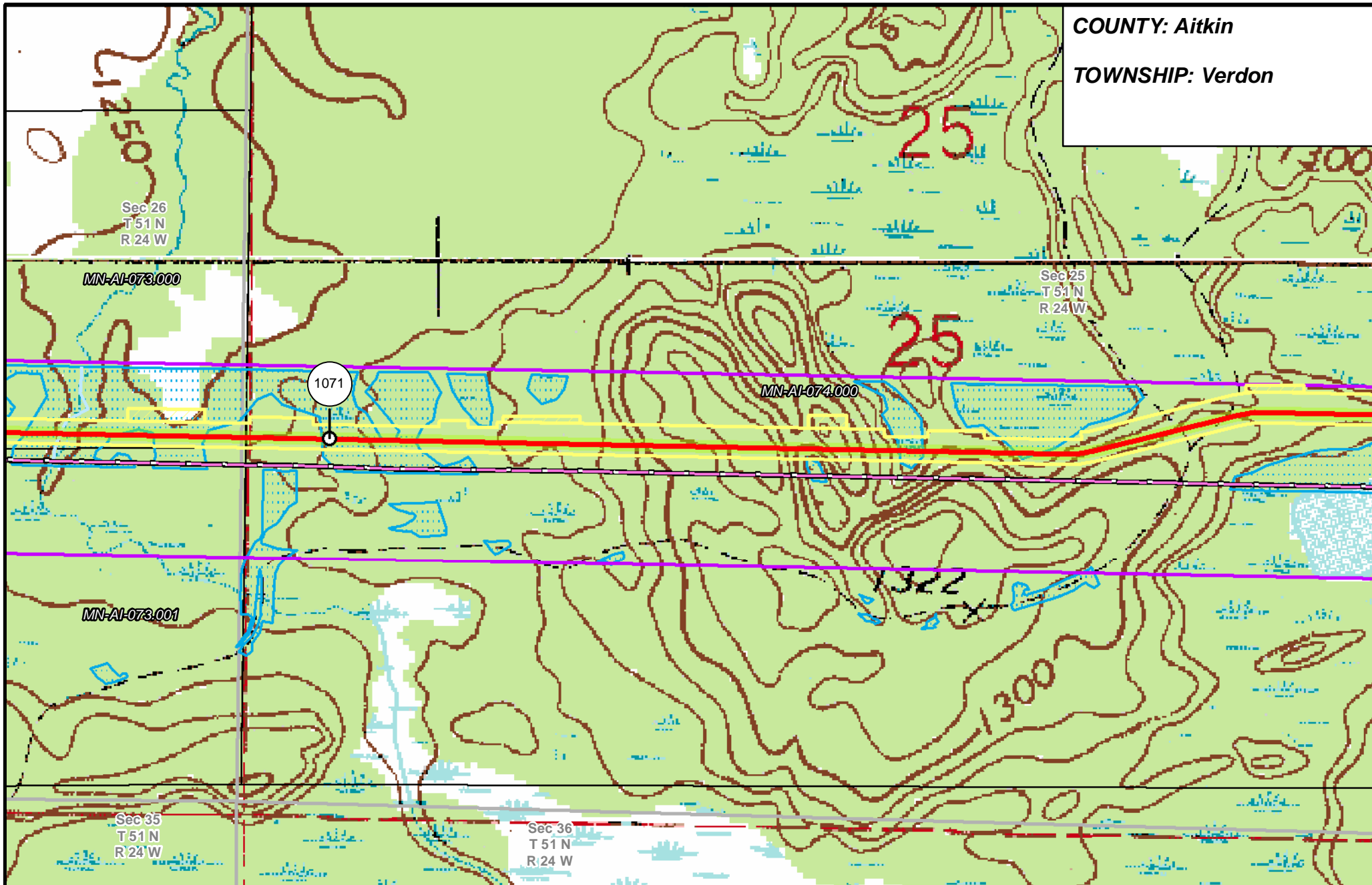
- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



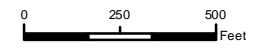
LINE 3 REPLACEMENT
 PIPELINE ROUTE

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000
 Map 318 of 378

COUNTY: Aitkin
 TOWNSHIP: Verdon



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |

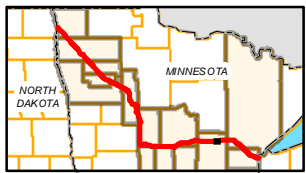
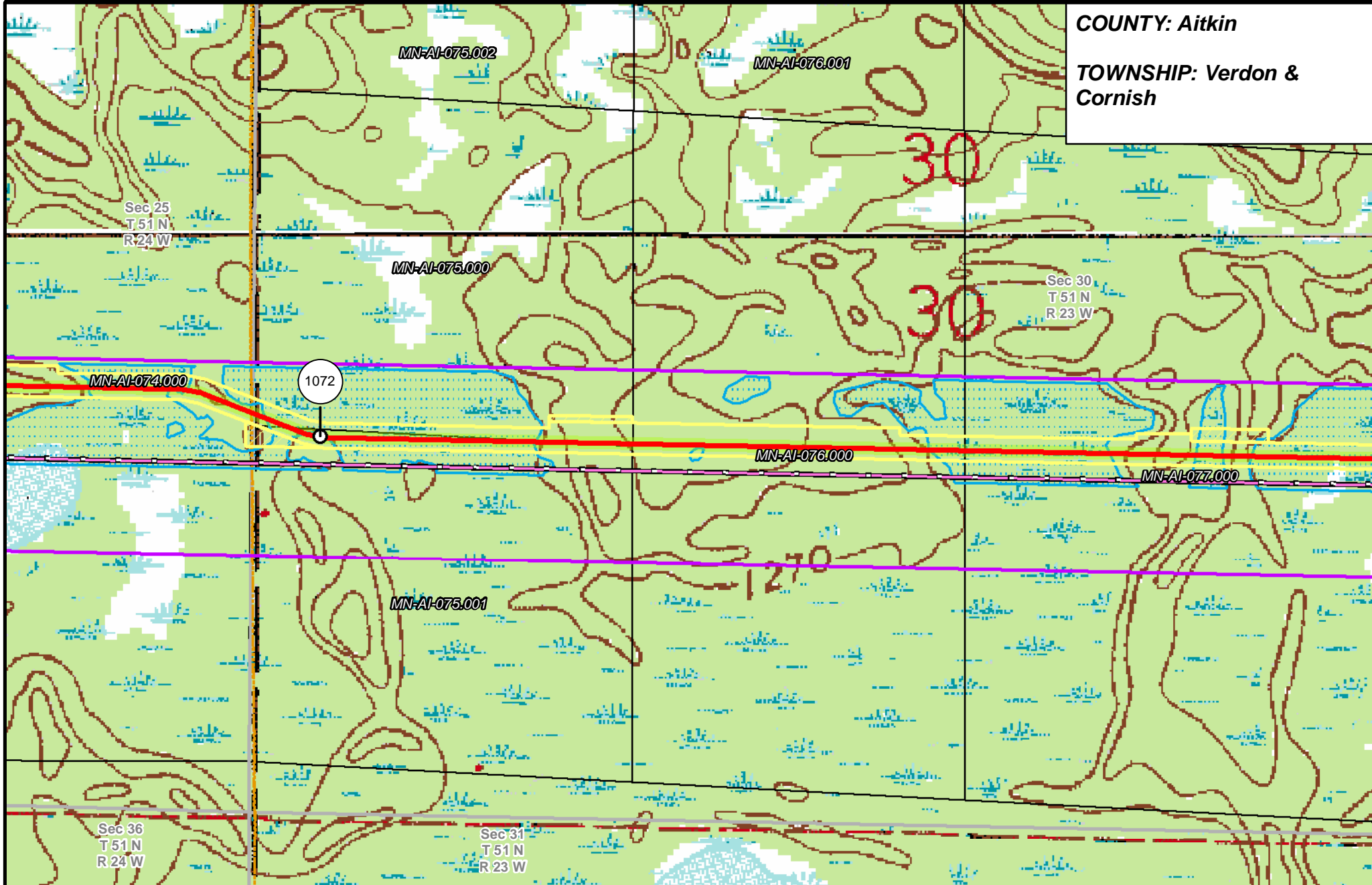


LINE 3 REPLACEMENT PIPELINE ROUTE

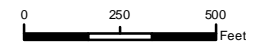
DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000

Map 319 of 378

COUNTY: Aitkin
TOWNSHIP: Verdon & Cornish



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |

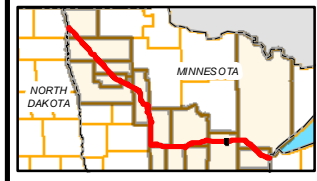
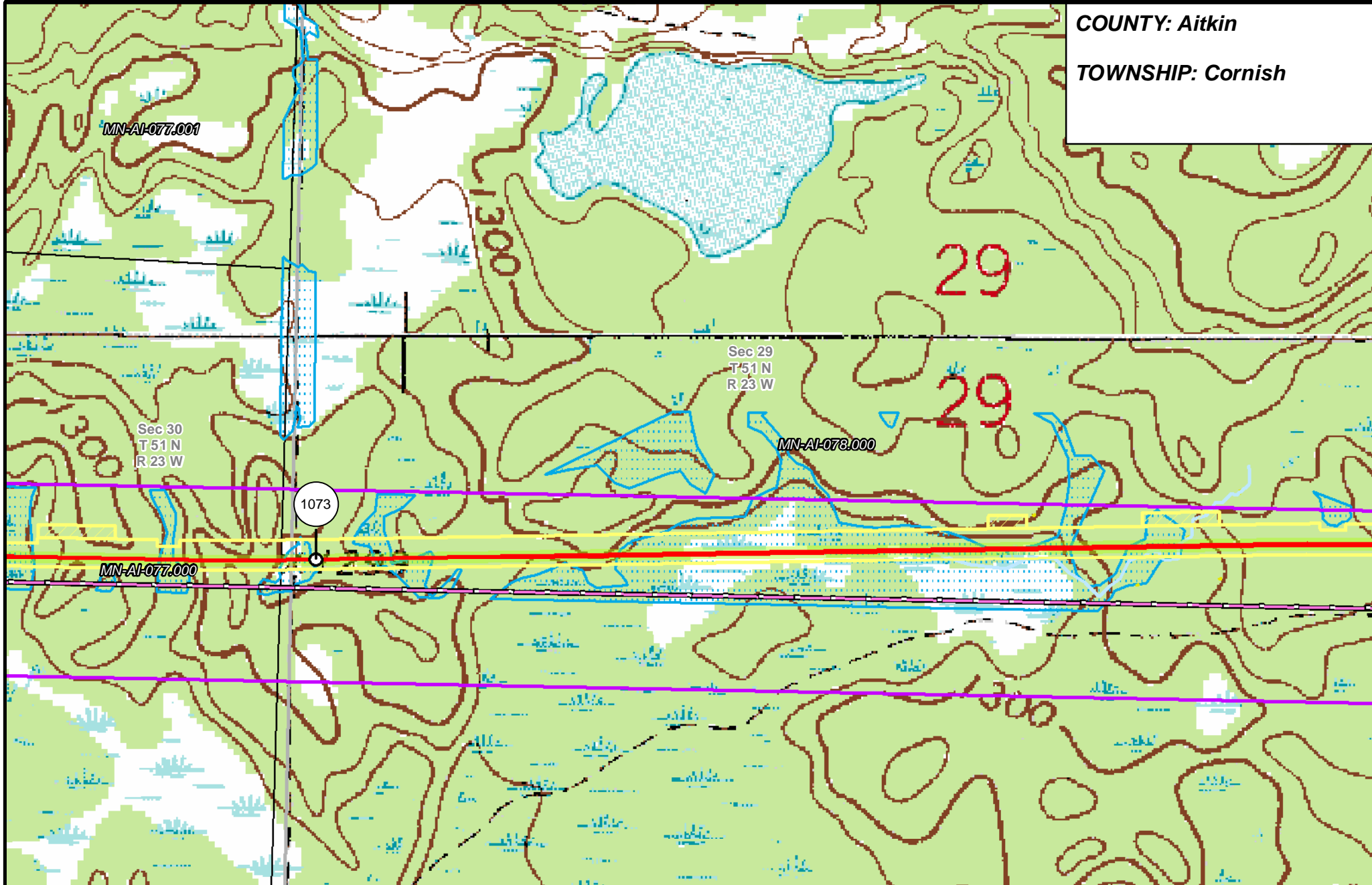


LINE 3 REPLACEMENT PIPELINE ROUTE

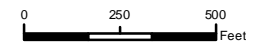
DRAWN: MLB CHECKED: ---
 DATE: August 31, 2018 SCALE: 1:5,000

Map 320 of 378

COUNTY: Aitkin
TOWNSHIP: Cornish



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |

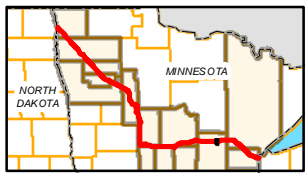
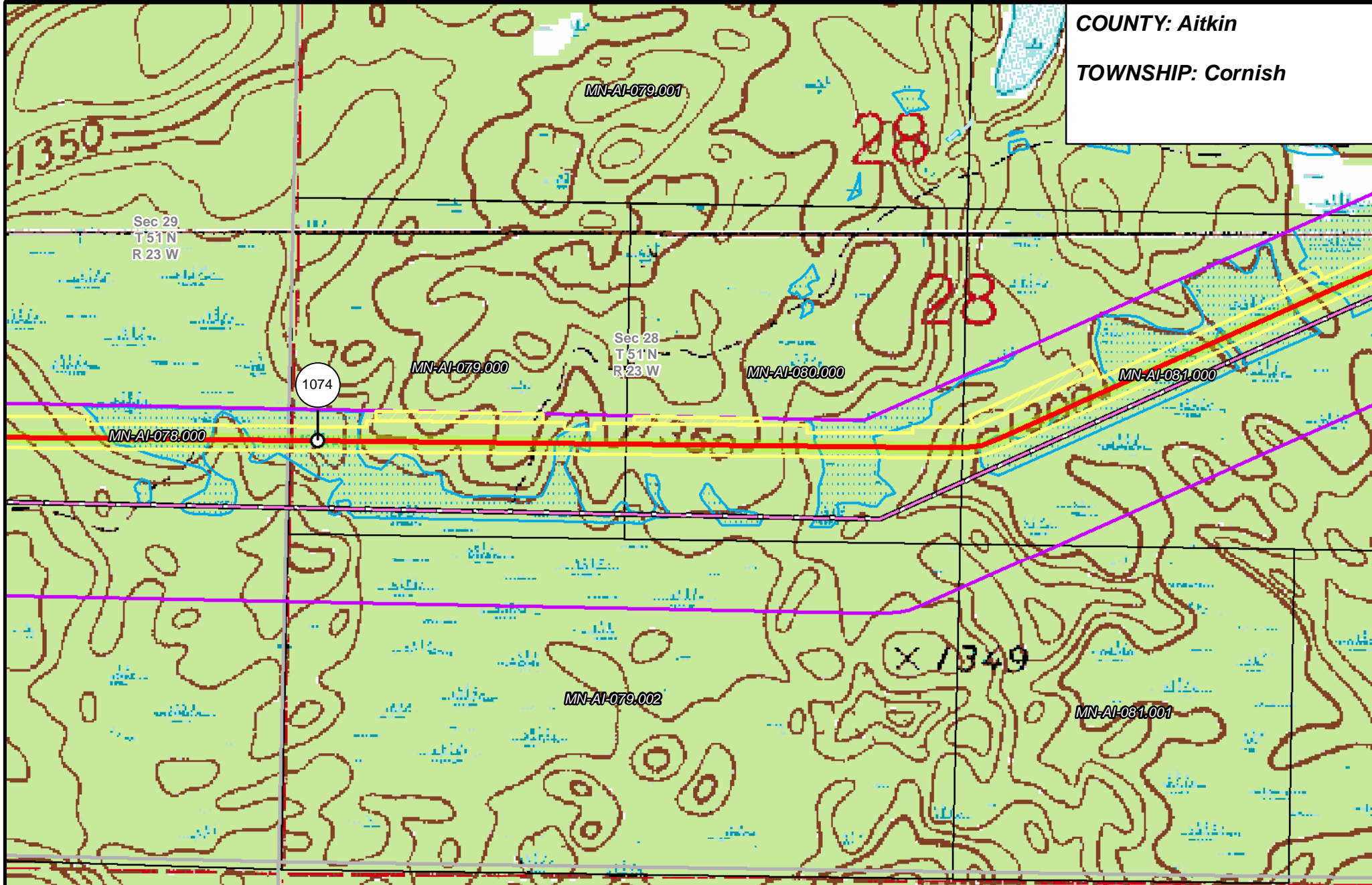


LINE 3 REPLACEMENT PIPELINE ROUTE

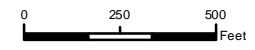
DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000

Map 321 of 378

COUNTY: Aitkin
 TOWNSHIP: Cornish



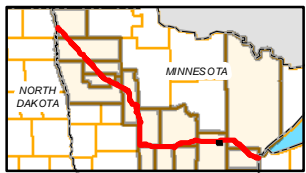
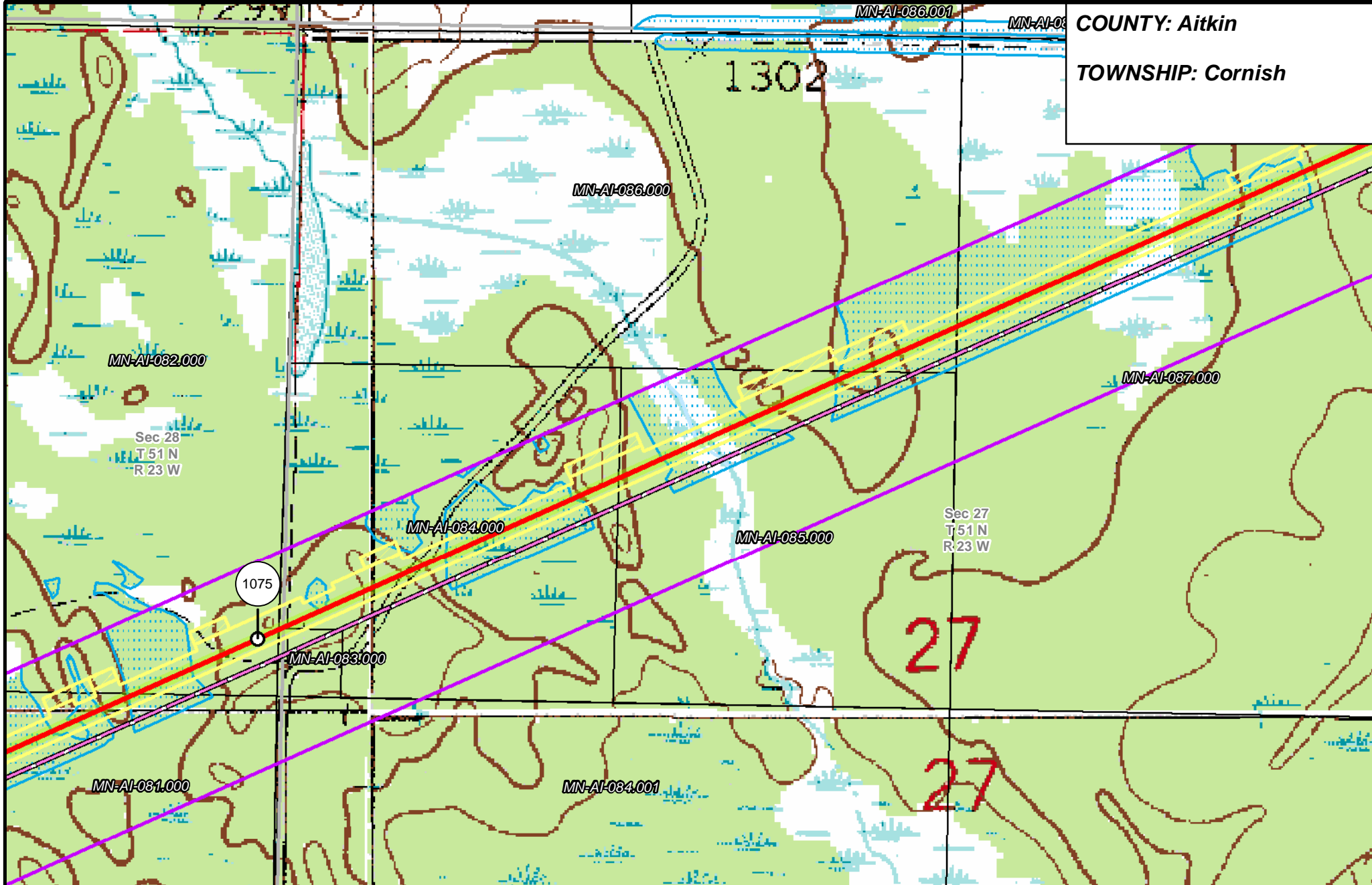
- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



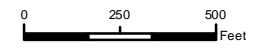
LINE 3 REPLACEMENT PIPELINE ROUTE

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000
 Map 322 of 378

COUNTY: Aitkin
 TOWNSHIP: Cornish



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



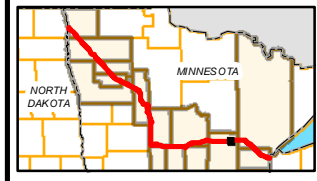
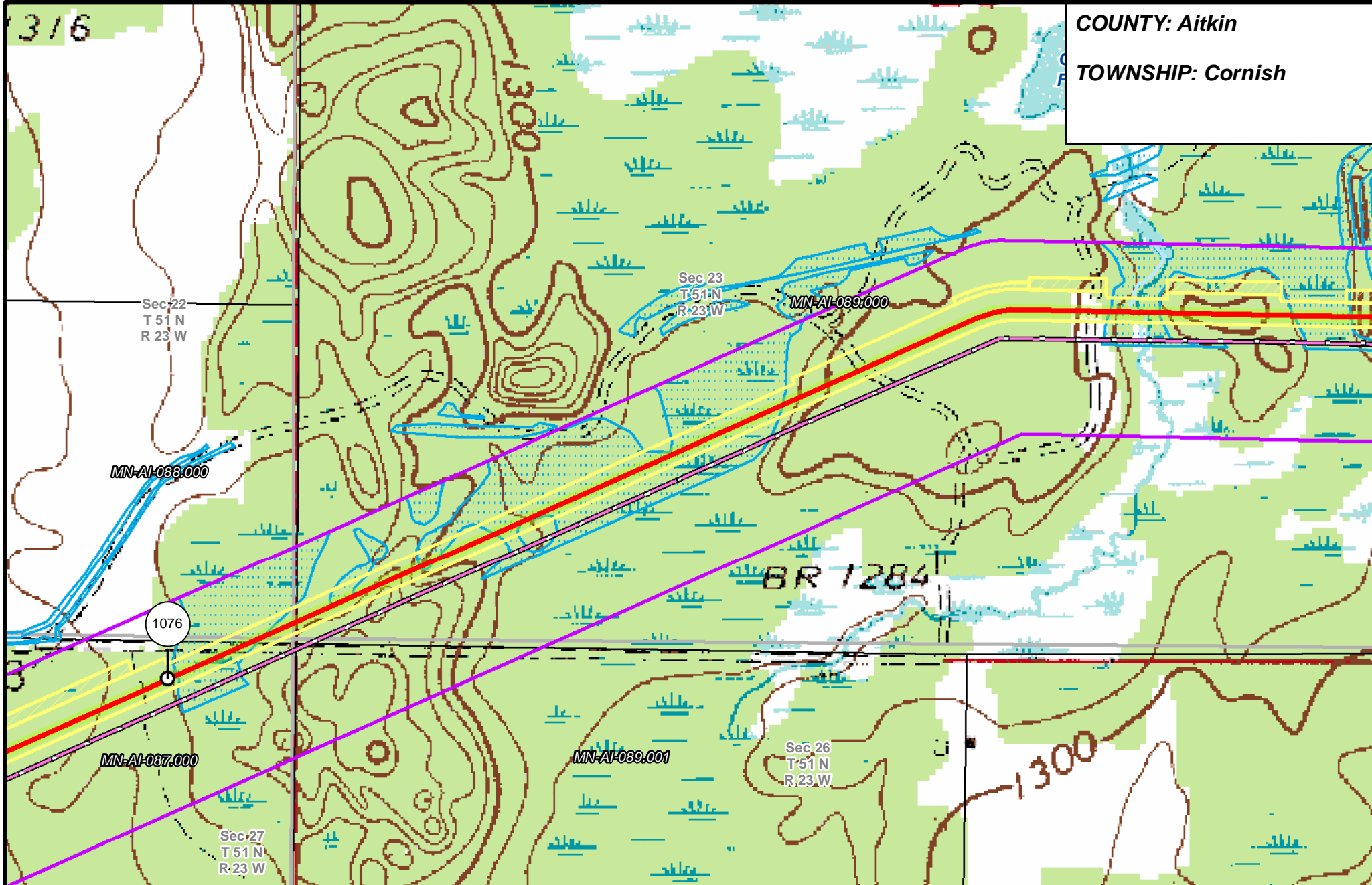
LINE 3 REPLACEMENT PIPELINE ROUTE

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000

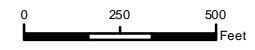
Map 323 of 378

316

COUNTY: Aitkin
TOWNSHIP: Cornish



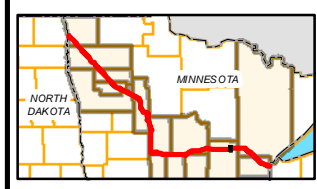
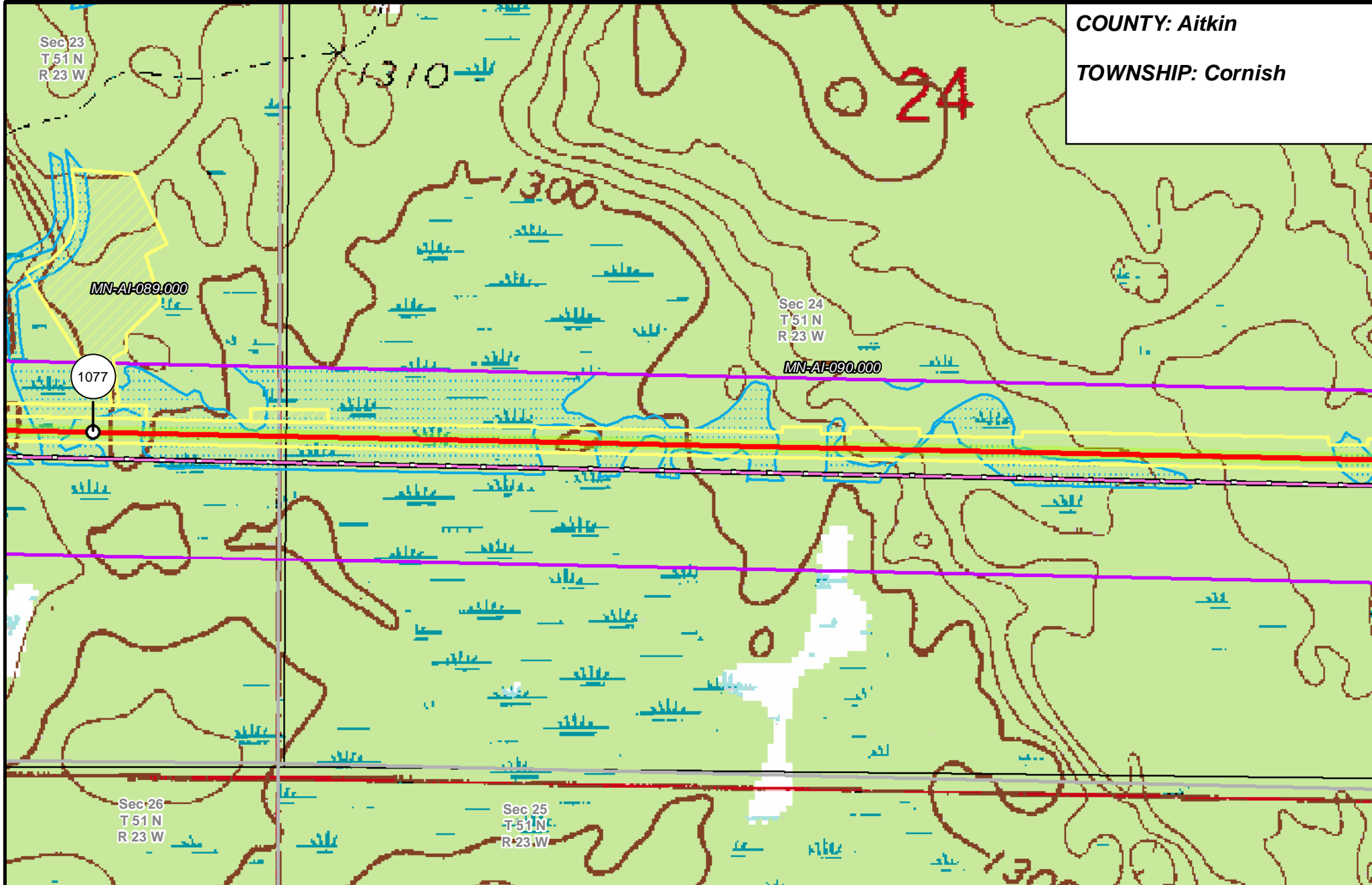
- PUC Designated Route
- ROW
- Line 3R Pipeline
- Temporary Workspace
- Additional Temporary Workspace
- Valve Location
- Enbridge Pump Station
- Mile Post
- Temporary Workspace
- Additional Temporary Workspace
- Existing Enbridge Pipelines
- Existing Electric Transmission
- Existing Third Party Pipelines
- Surveyed Waterbodies
- ESA
- Surveyed Wetlands
- NWI Wetlands
- Tract Boundary
- MN Section Boundary
- Township/City Boundary
- County Boundary



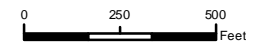
LINE 3 REPLACEMENT PIPELINE ROUTE

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000
 Map 324 of 378

COUNTY: Aitkin
TOWNSHIP: Cornish



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |

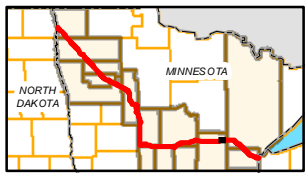
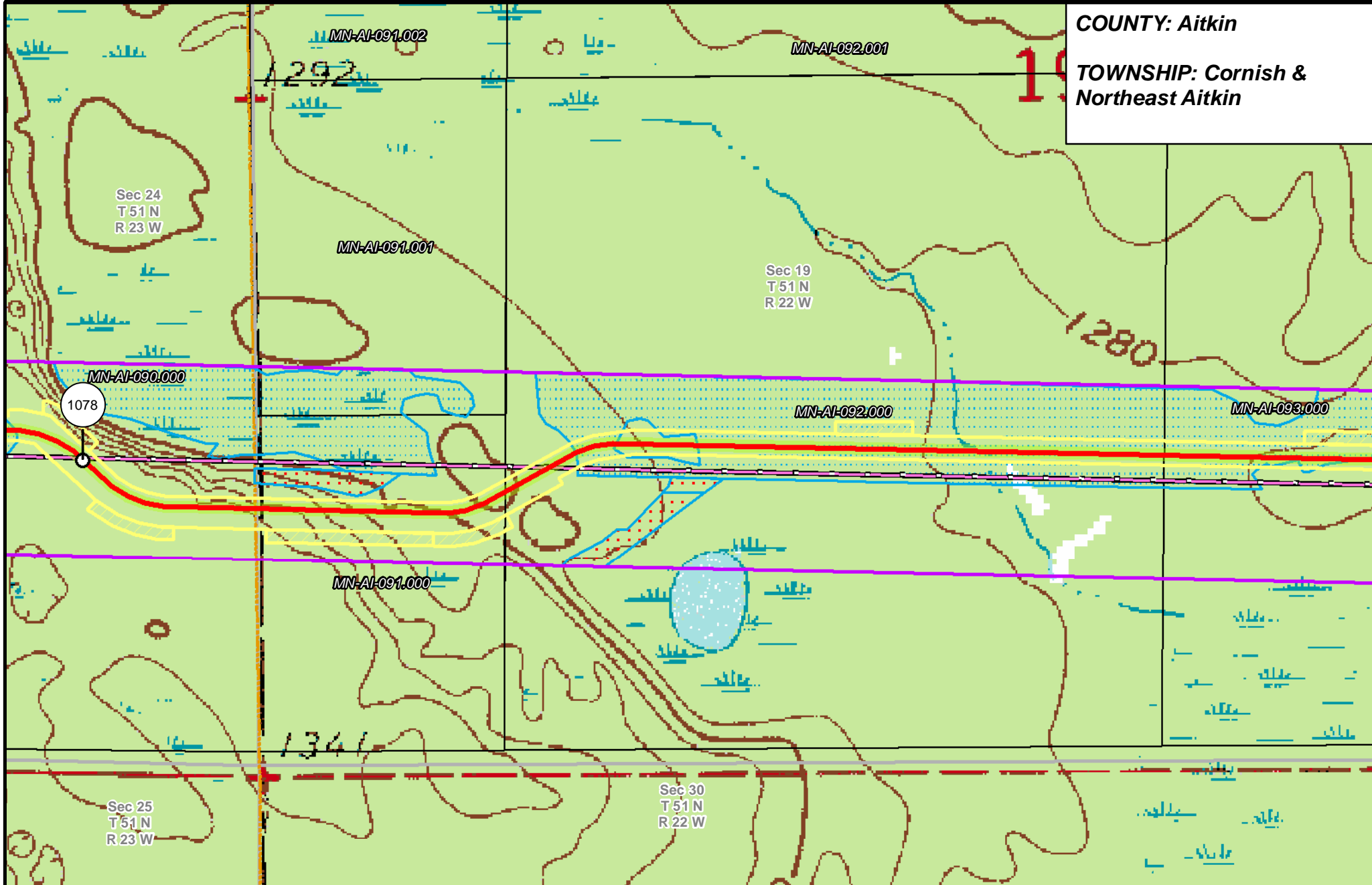


LINE 3 REPLACEMENT PIPELINE ROUTE

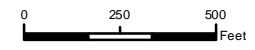
DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:6000

Map 325 of 378

COUNTY: Aitkin
TOWNSHIP: Cornish & Northeast Aitkin



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |

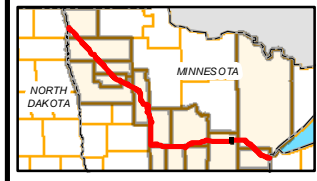
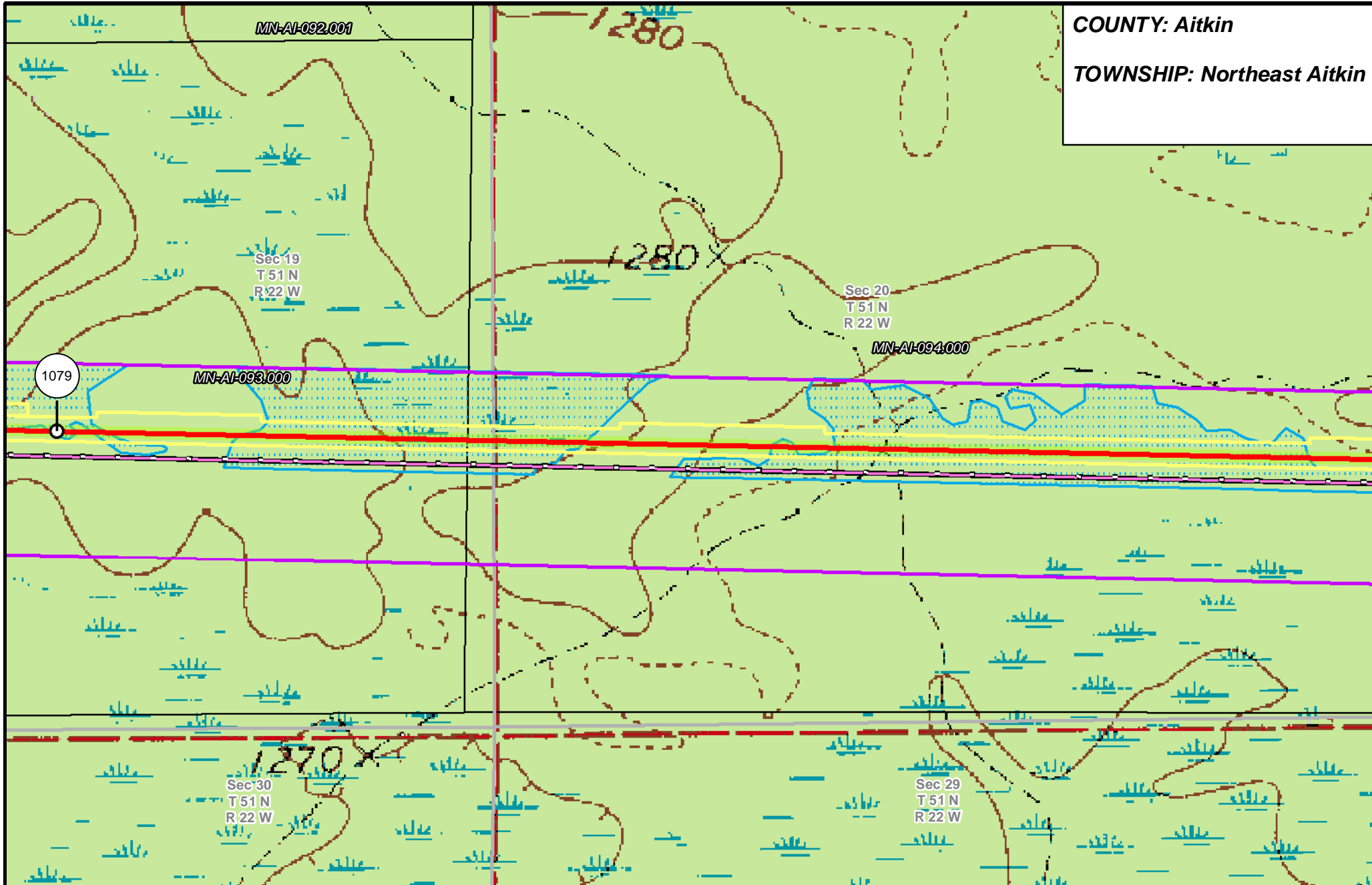


LINE 3 REPLACEMENT PIPELINE ROUTE

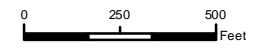
DRAWN: MLB CHECKED: --
 DATE: August 31, 2018 SCALE: 1:5,000

Map 326 of 378

COUNTY: Aitkin
TOWNSHIP: Northeast Aitkin



- | | | | |
|-----------------------|--------------------------------|----------------------|------------------------|
| PUC Designated Route | Mile Post | Surveyed Waterbodies | Tract Boundary |
| ROW | Temporary Workspace | ESA | MN Section Boundary |
| Line 3R Pipeline | Additional Temporary Workspace | Surveyed Wetlands | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | NWI Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | | |
| | Existing Third Party Pipelines | | |



LINE 3 REPLACEMENT PIPELINE ROUTE

DRAWN: MLB CHECKED: ...
 DATE: August 31, 2018 SCALE: 1:5,000

Map 327 of 378