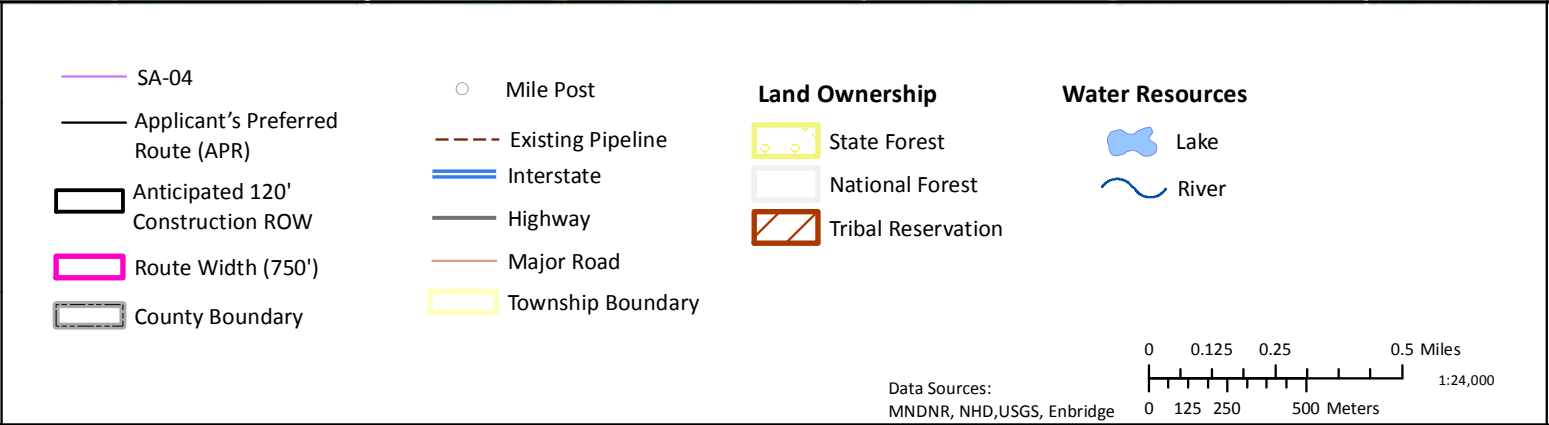
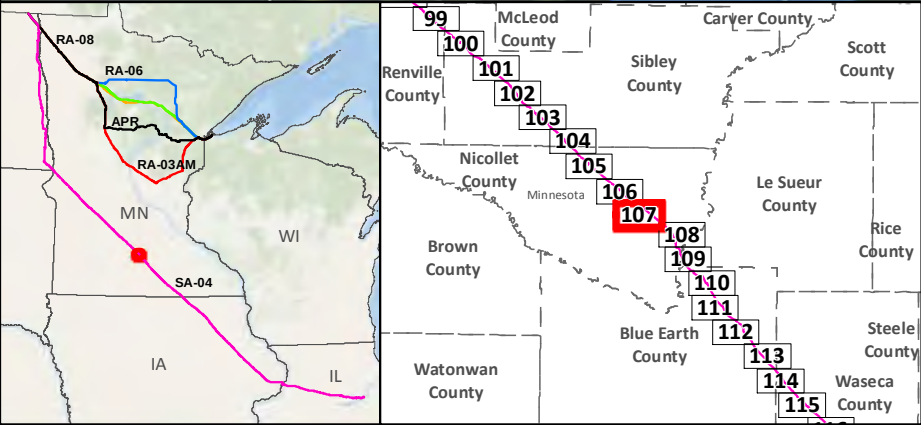
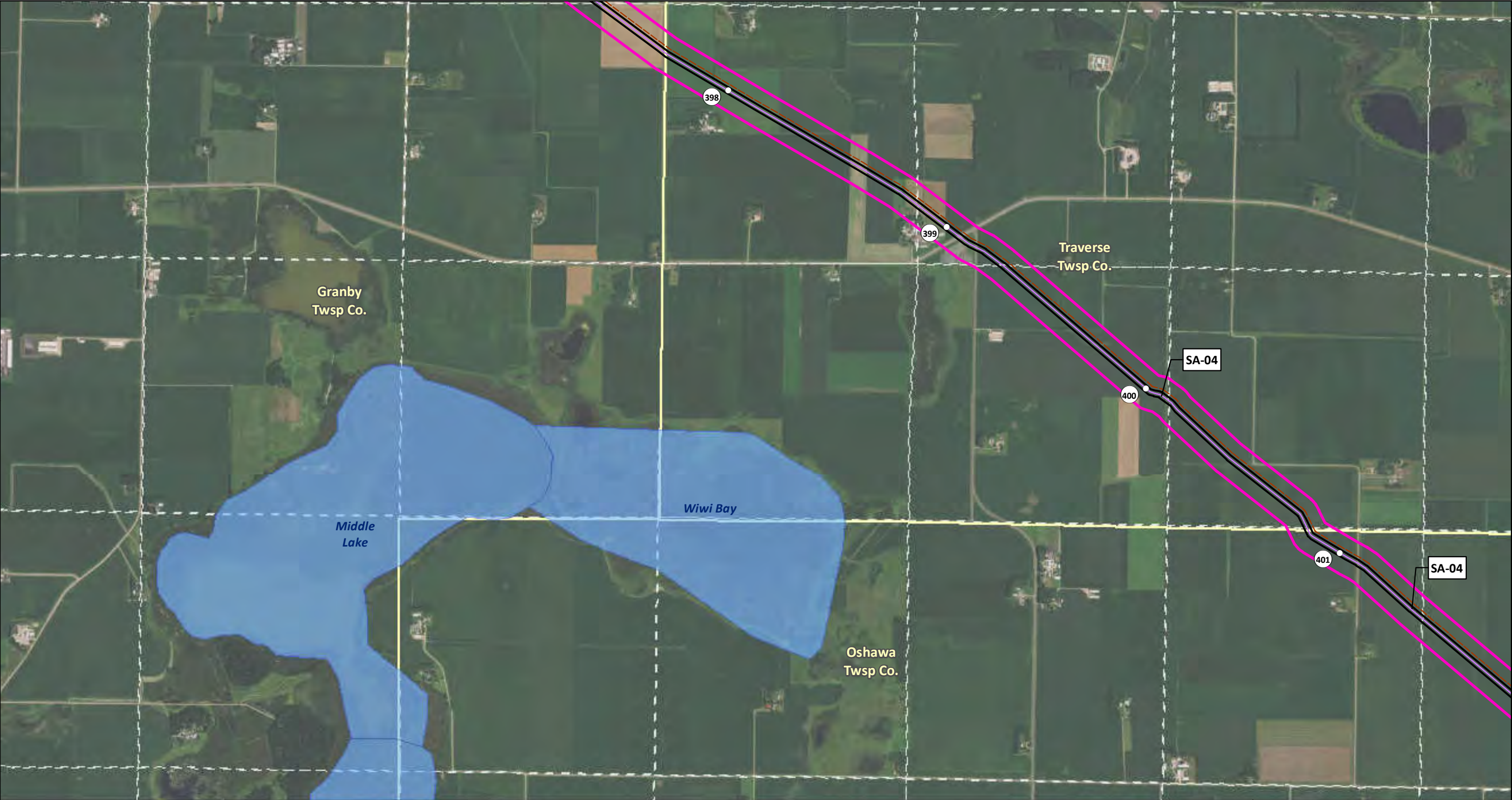
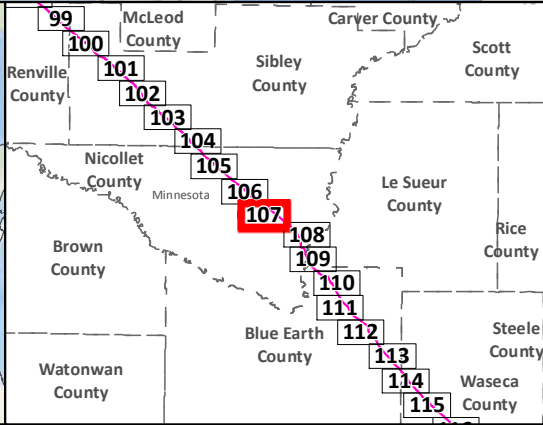
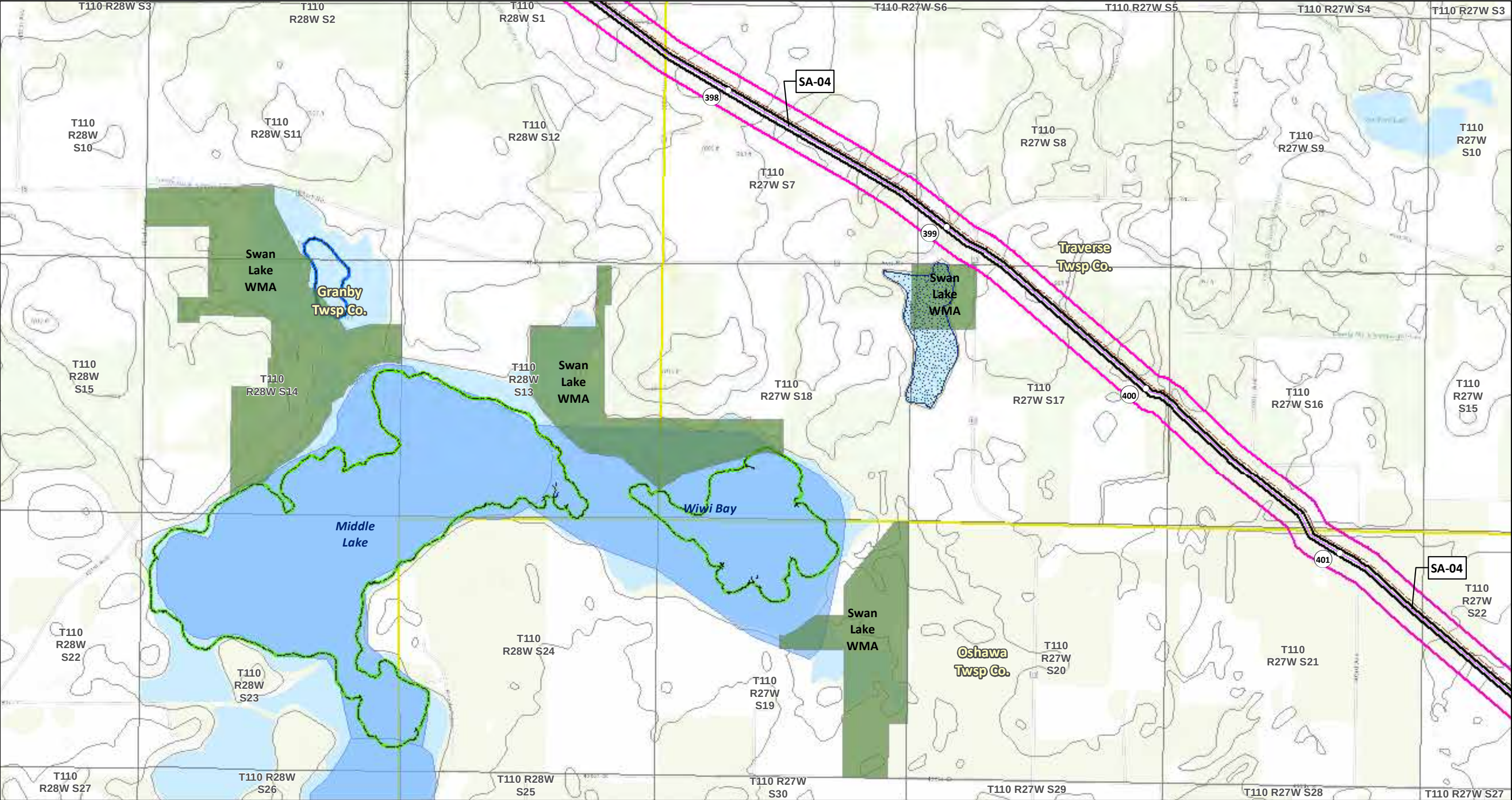






SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08

Mile Post

Anticipated 120' Construction ROW

Route Width (750')

Existing Pipelines

Township Boundary

State Managed Lands

- WMA - Wildlife Management Areas
- Wildlife Refuge Inventory
- SNA - Scientific and Natural Area

Water Resources

- Navigable Waterway Crossings
- National River Inventory Crossing

Public Waters Watercourse

303d Impaired Waters

Designated Trout Stream

Calcareous Fens

Wild Rice Lakes (DNR)

Public Waters Wetlands

Public Water Basin

Public Drinking Water Supply

Wellhead Protection Area (WHPA)

Lakes of Biological Significance

- Outstanding
- High
- Moderate

Native Plant Communities with Biodiversity Significance

- Outstanding
- High
- Moderate

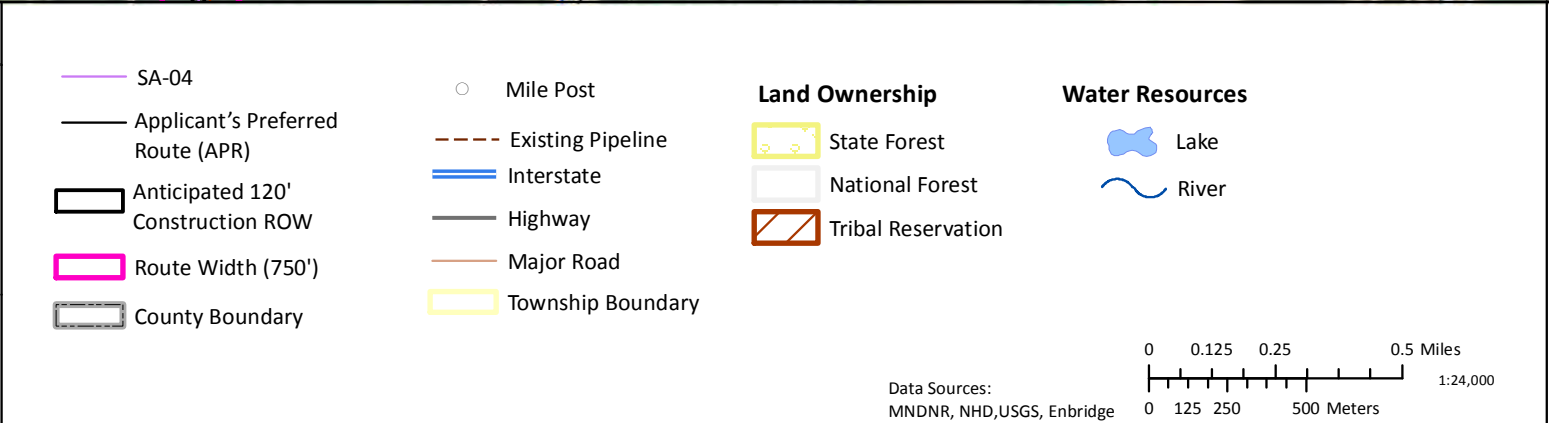
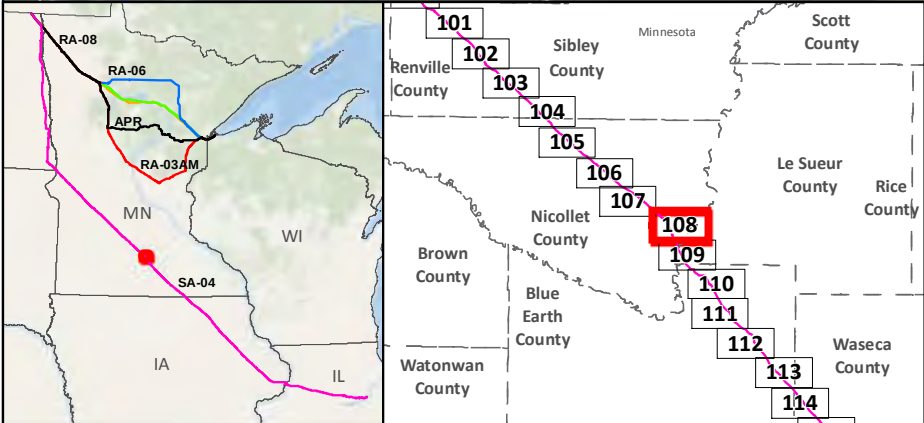
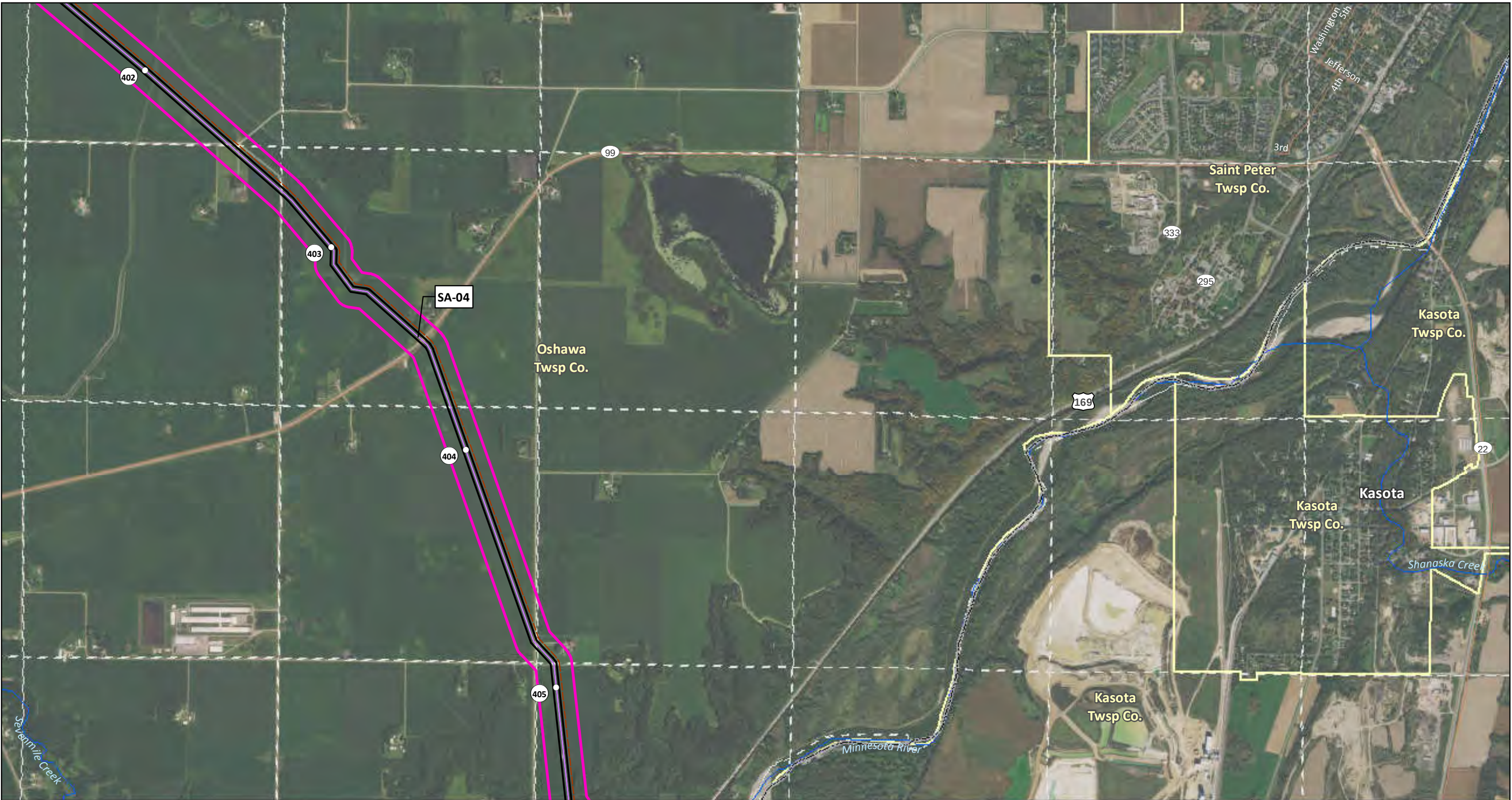
Data Sources: MNDNR, USGS, NHD, Enbridge

**LINE 3 PROJECT
DETAILED MAP SET
TOPOGRAPHIC**

SA-04

0 0.125 0.25 0.5 Miles
0 125 250 500 Meters 1:24,000
10ft Contours

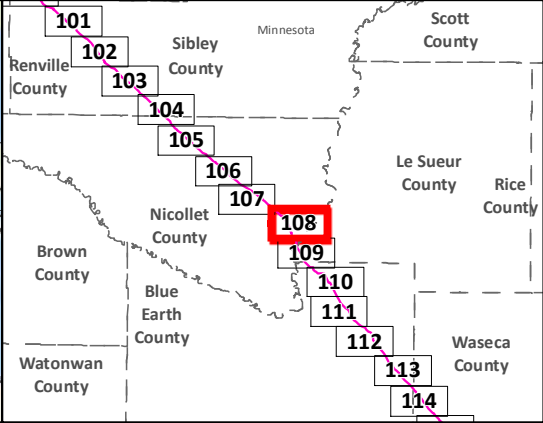
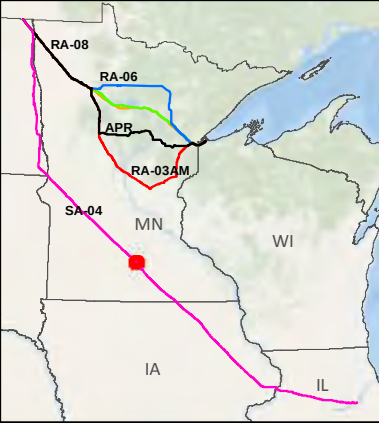
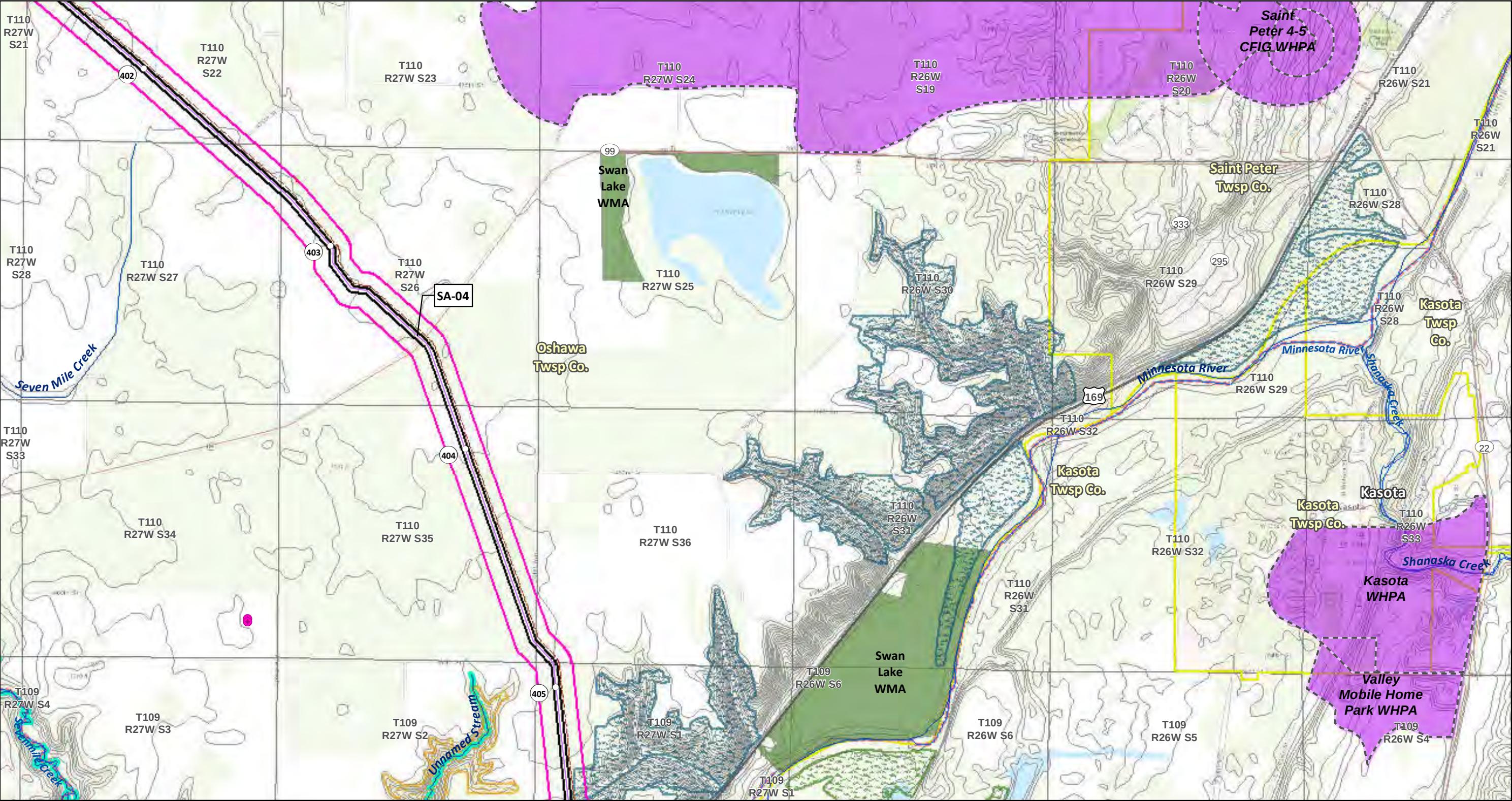
Map 107B of 188



**LINE 3 PROJECT
DETAILED MAP SET
AERIAL**

SA-04

Map 108A of 188



SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08

Mile Post

Anticipated 120' Construction ROW

Route Width (750')

Existing Pipelines

Township Boundary

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- National River Inventory Crossing

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Wellhead Protection Area (WHPA)

Lakes of Biological Significance

- Outstanding
- High
- Moderate

Native Plant Communities with Biodiversity Significance

- Outstanding
- High
- Moderate

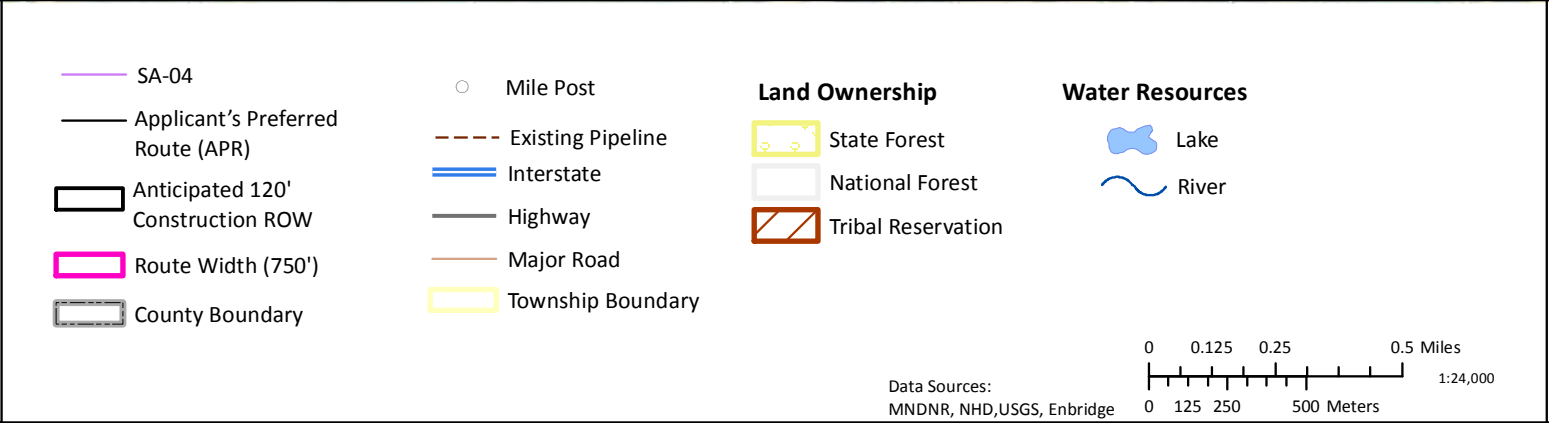
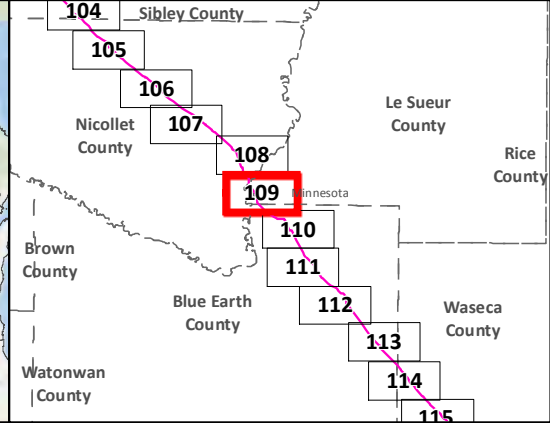
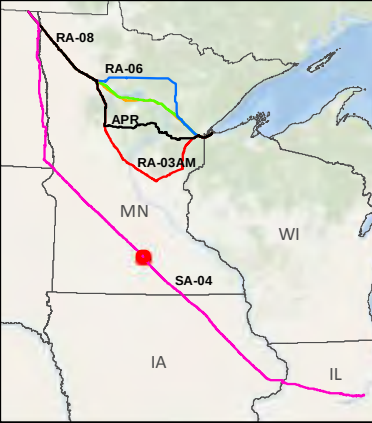
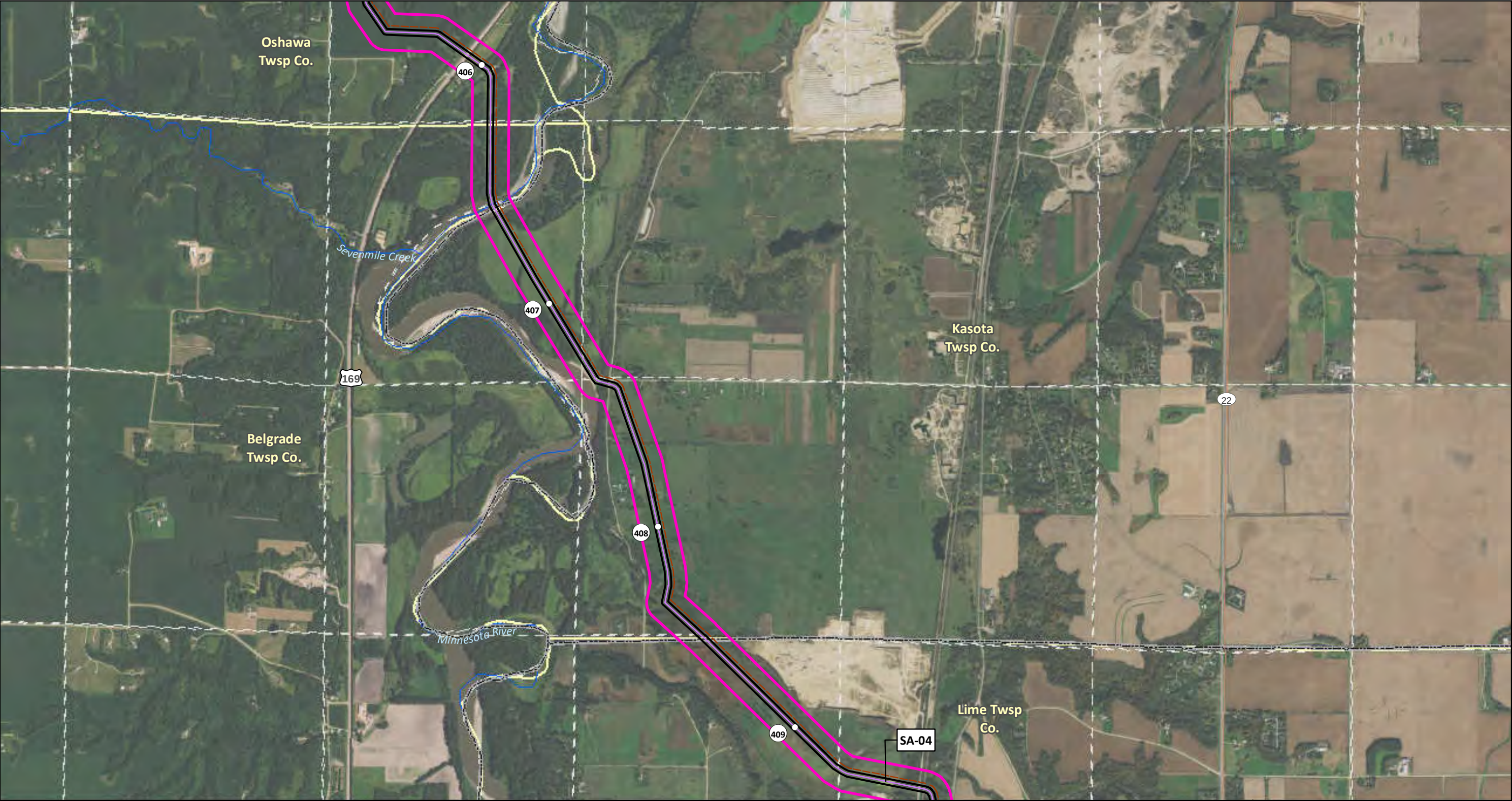
Data Sources: MNDNR, USGS, NHD, Enbridge

**LINE 3 PROJECT
DETAILED MAP SET
TOPOGRAPHIC**

SA-04

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0 125 250 500 Meters 1:24,000
10ft Contours

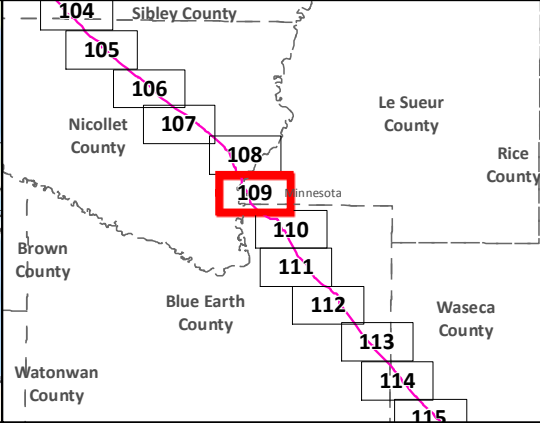
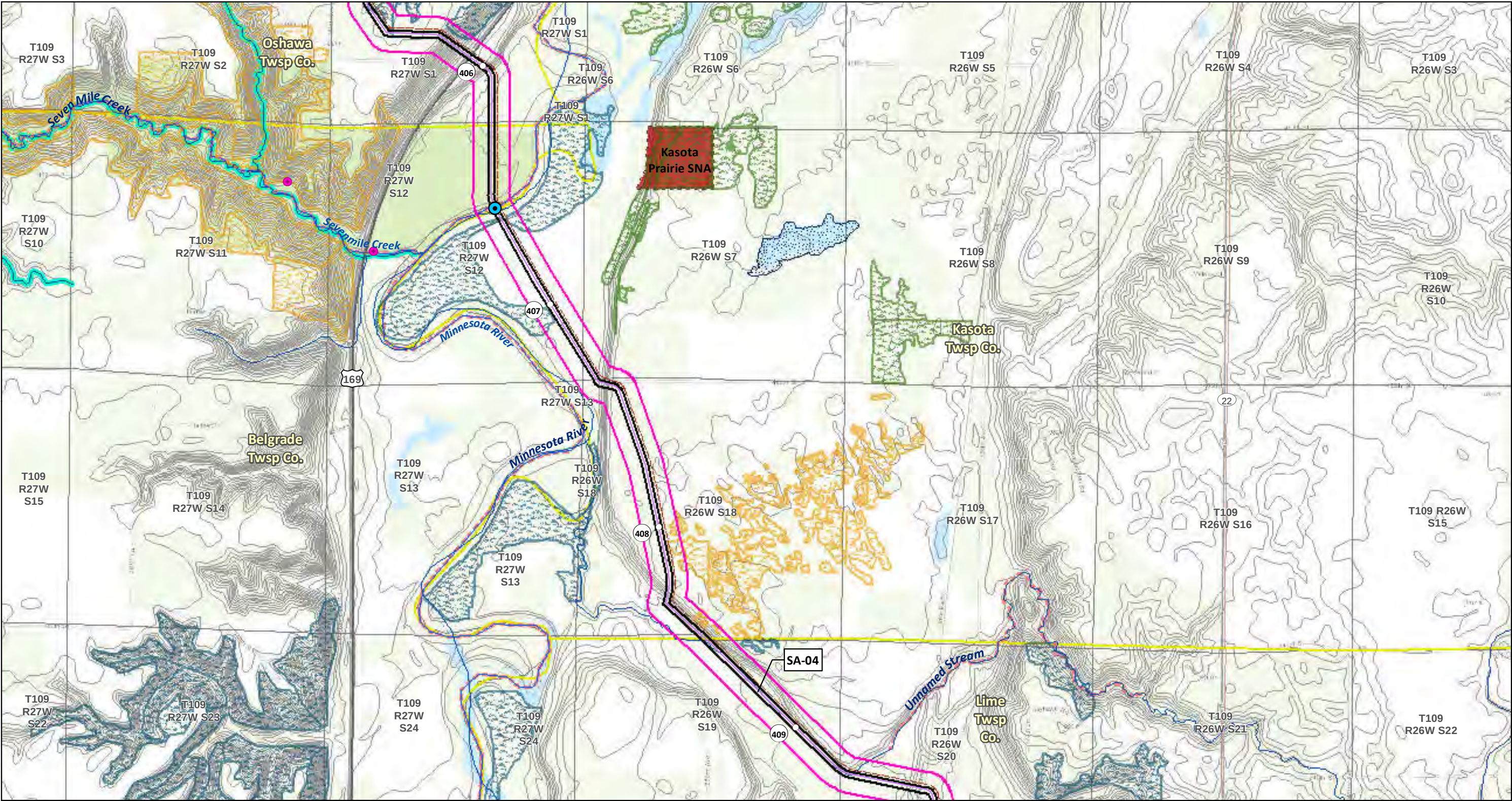
Map 108B of 188



**LINE 3 PROJECT
DETAILED MAP SET
AERIAL**

SA-04

Map 109A of 188



SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08

Mile Post

Anticipated 120' Construction ROW

Route Width (750')

Existing Pipelines

Township Boundary

State Managed Lands

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Lakes of Biological Significance

- Outstanding
- High
- Moderate

Native Plant Communities with Biodiversity Significance

- Outstanding
- High
- Moderate

Data Sources: MNDNR, USGS, NHD, Enbridge

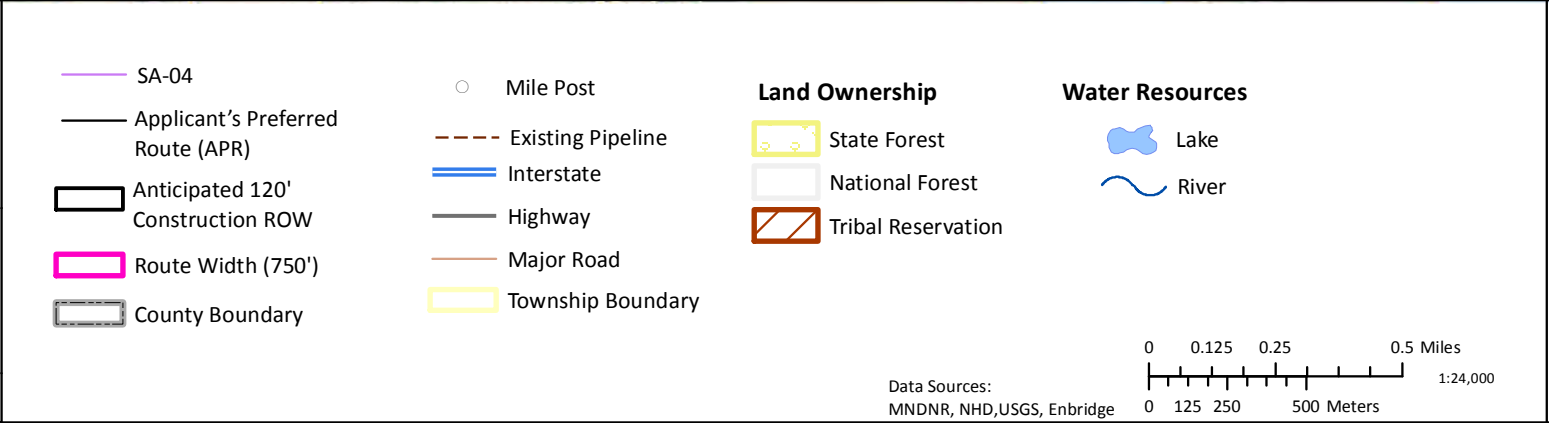
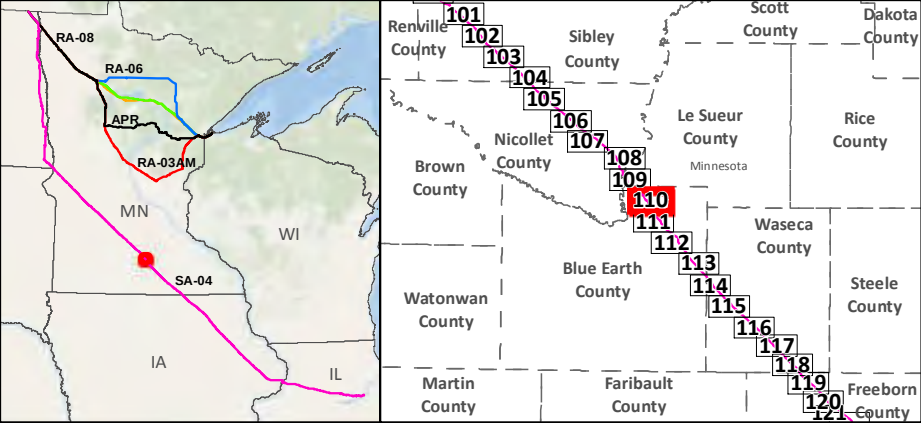
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TOPOGRAPHIC**

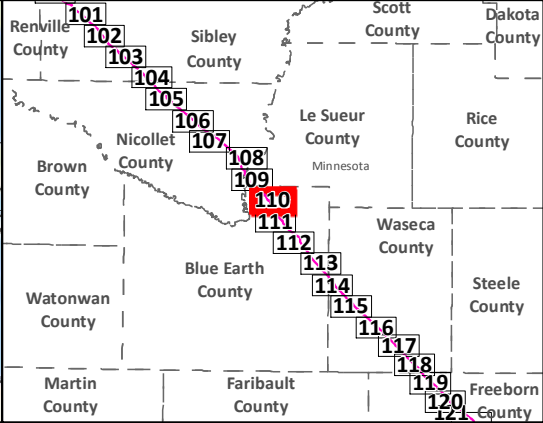
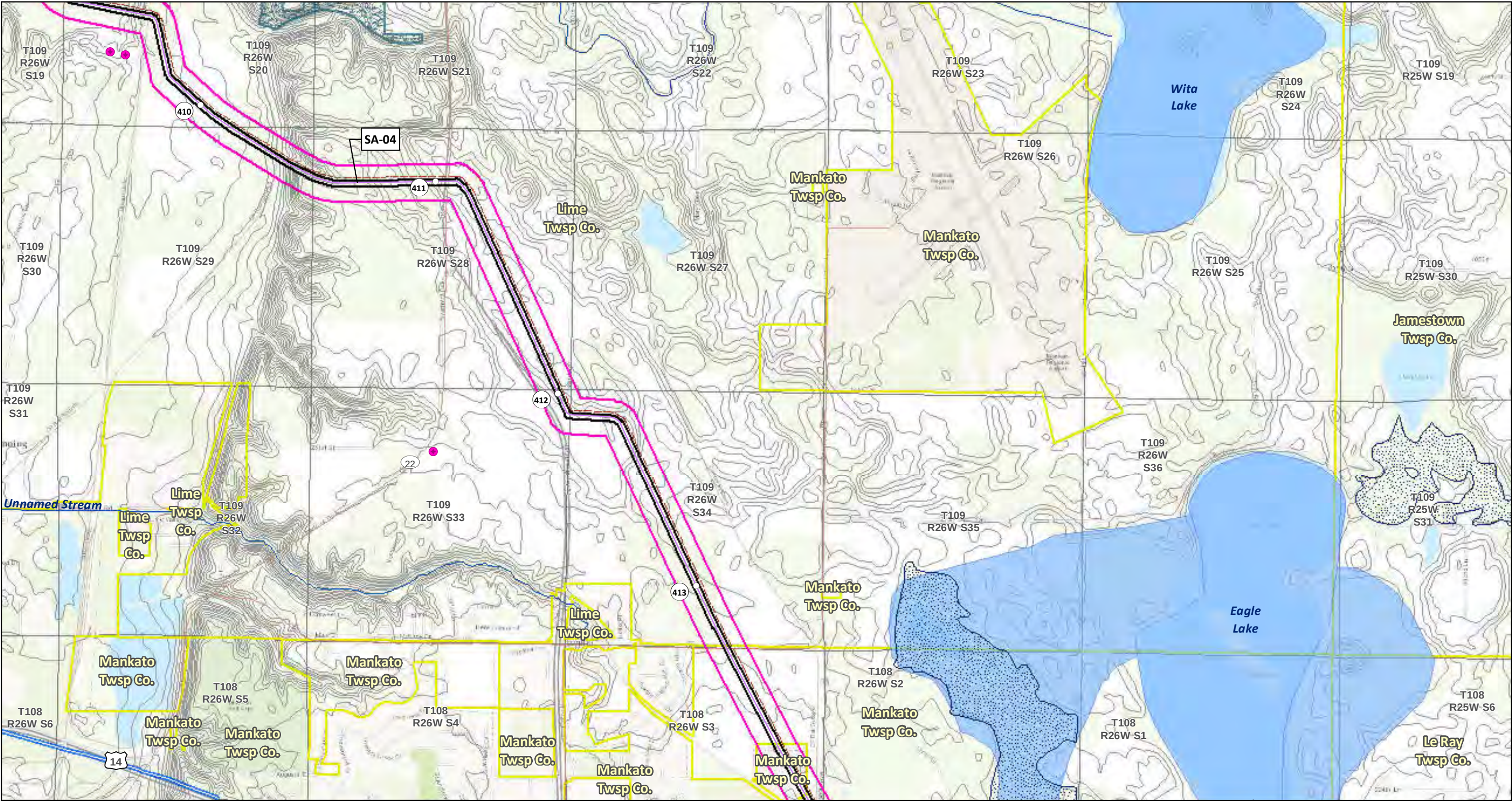
SA-04

0 0.125 0.25 0.5 Miles
0 125 250 500 Meters 10ft Contours

1:24,000

Map 109B of 188





SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08

Mile Post

Anticipated 120' Construction ROW

Route Width (750')

Existing Pipelines

Township Boundary

State Managed Lands

- WMA - Wildlife Management Areas
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- National River Inventory Crossing

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Wellhead Protection Area (WHPA)

Lakes of Biological Significance

- Outstanding
- High
- Moderate

Native Plant Communities with Biodiversity Significance

- Outstanding
- High
- Moderate

Data Sources: MNDNR, USGS, NHD, Enbridge

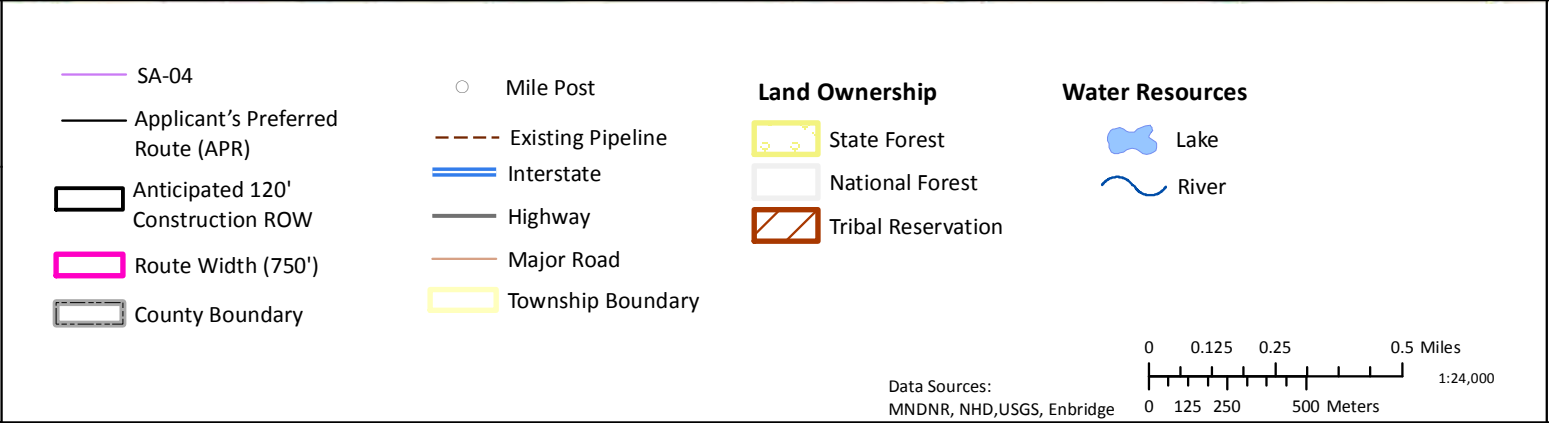
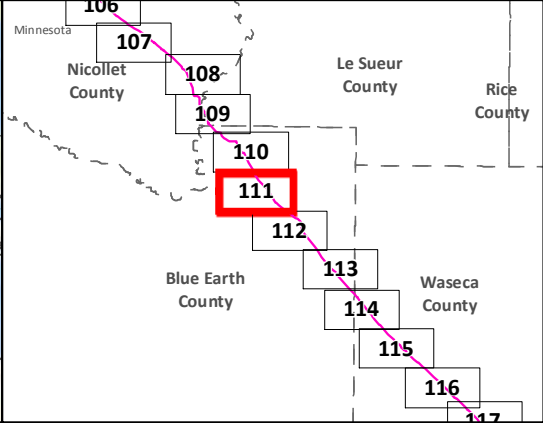
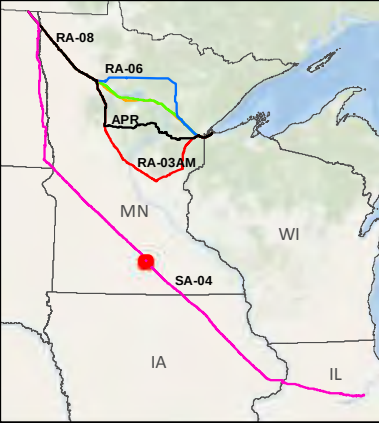
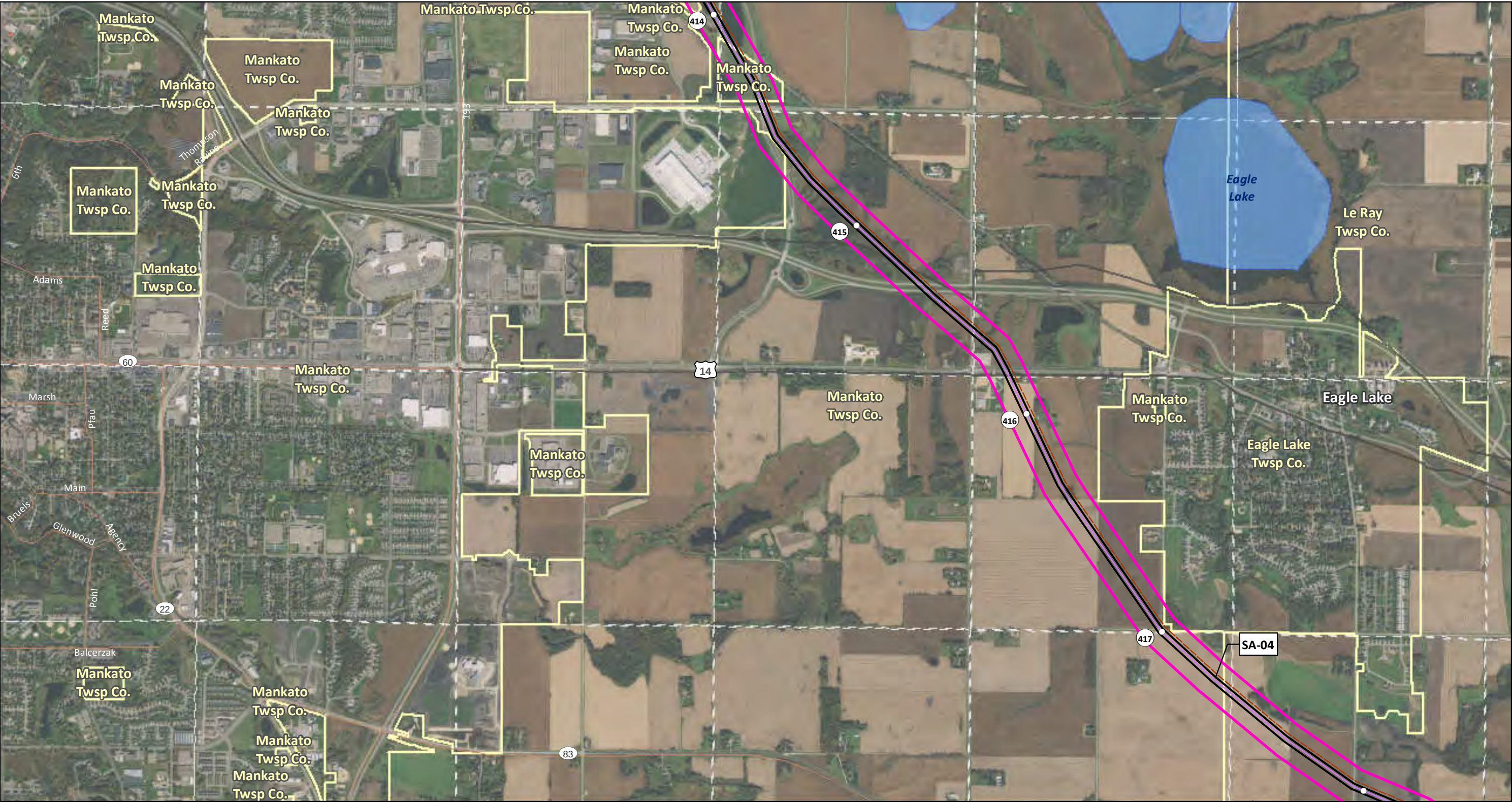
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TOPOGRAPHIC**

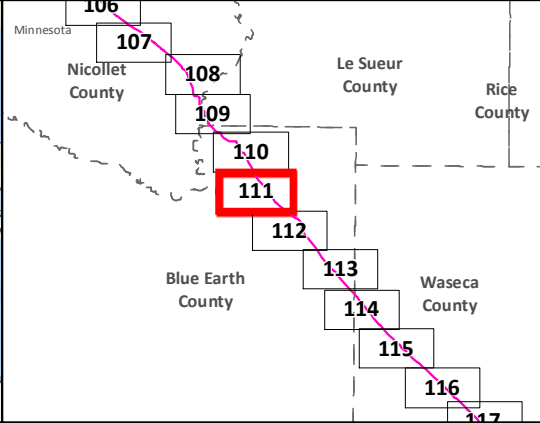
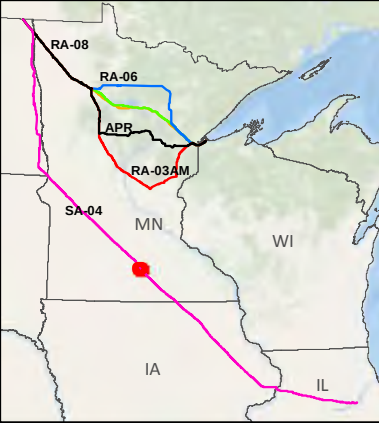
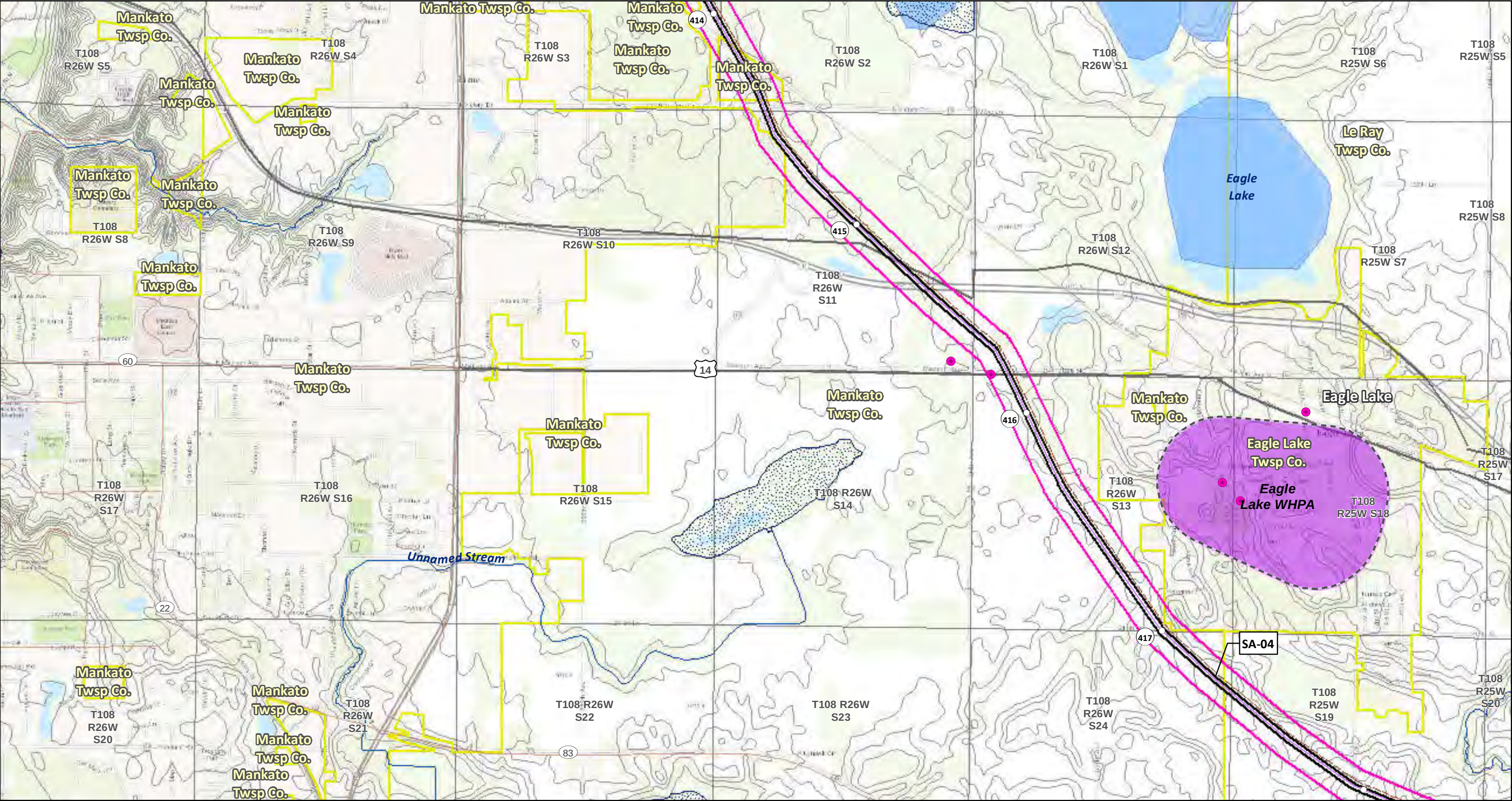
SA-04

0 0.125 0.25 0.5 Miles
0 125 250 500 Meters 1:24,000
10ft Contours

Map 110B of 188

North Arrow





SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08

Mile Post

Anticipated 120' Construction ROW

Route Width (750')

Existing Pipelines

Township Boundary

State Managed Lands

- WMA - Wildlife Management Areas
- Wildlife Refuge Inventory
- SNA - Scientific and Natural Area

Water Resources

- Navigable Waterway Crossings
- National River Inventory Crossing

Public Waters Watercourse

303d Impaired Waters

Designated Trout Stream

Calcareous Fens

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Public Waters Wetlands

Public Water Basin

Public Drinking Water Supply

Wellhead Protection Area (WHPA)

Lakes of Biological Significance

- Outstanding
- High
- Moderate

Native Plant Communities with Biodiversity Significance

- Outstanding
- High
- Moderate

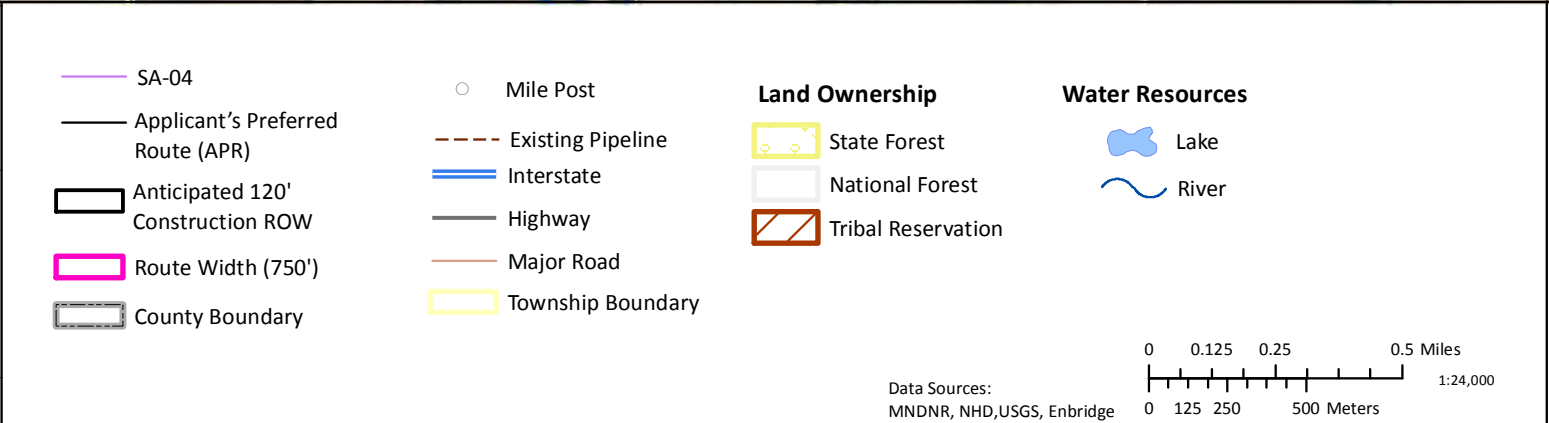
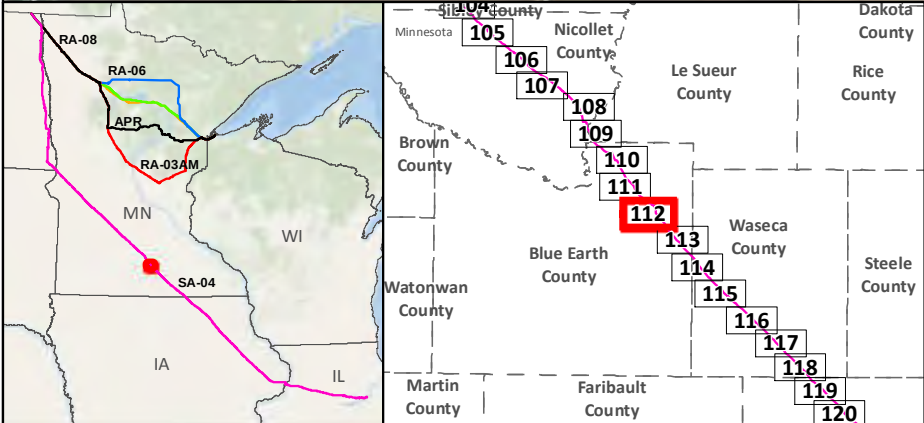
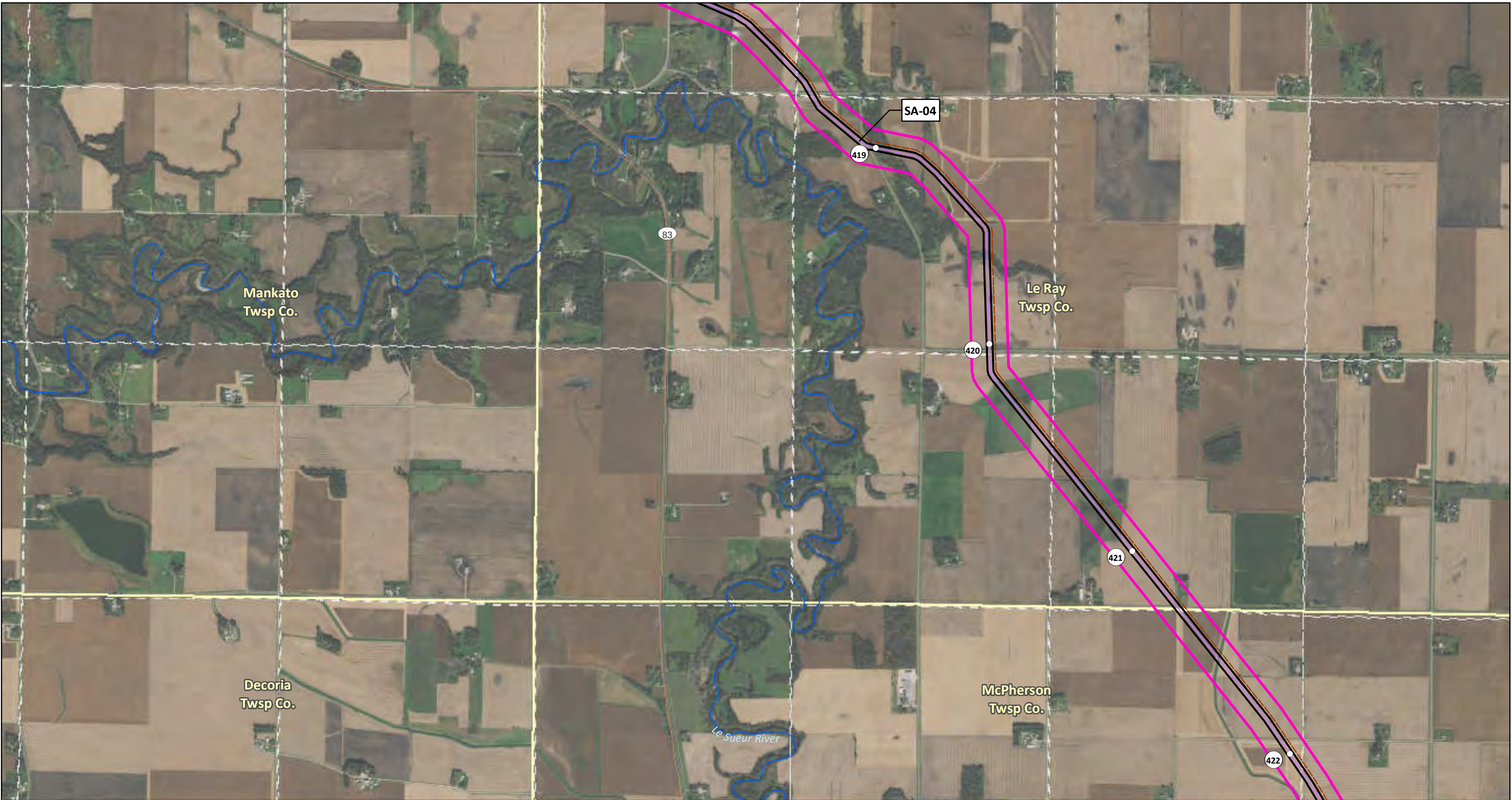
Data Sources: MNDNR, USGS, NHD, Enbridge

**LINE 3 PROJECT
DETAILED MAP SET
TOPOGRAPHIC**

SA-04

0 0.125 0.25 0.5 Miles
0 125 250 500 Meters 1:24,000
10ft Contours

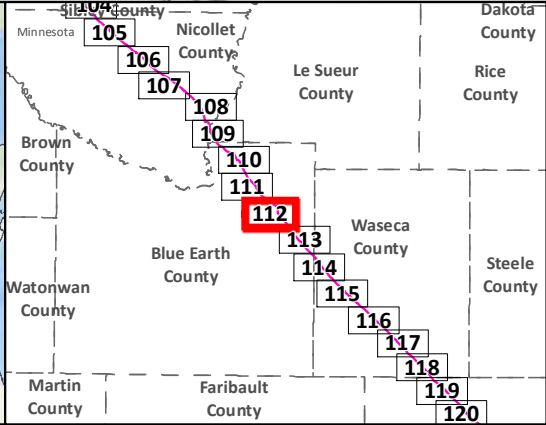
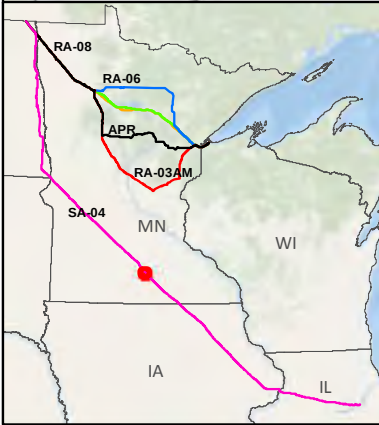
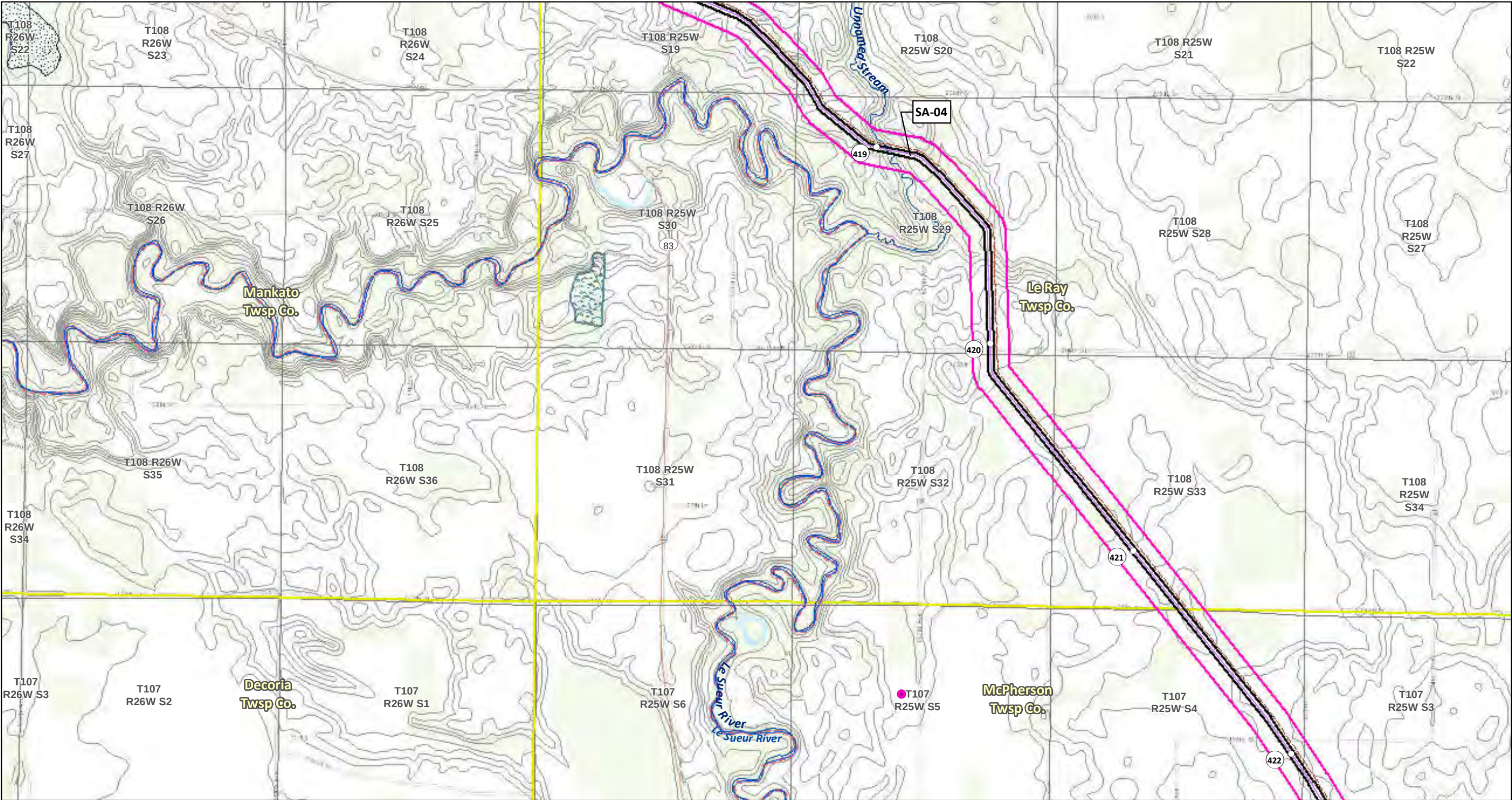
Map 111B of 188



**LINE 3 PROJECT
DETAILED MAP SET
AERIAL**

SA-04

Map 112A of 188



SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08

Mile Post

Anticipated 120' Construction ROW

Route Width (750')

Existing Pipelines

Township Boundary

State Managed Lands

- WMA - Wildlife Management Areas
- Wildlife Refuge Inventory
- SNA - Scientific and Natural Area

Water Resources

- Navigable Waterway Crossings
- National River Inventory Crossing

Public Waters Watercourse

303d Impaired Waters

Designated Trout Stream

Calcareous Fens

Wild Rice Lakes (DNR)

Public Waters Wetlands

Public Water Basin

Public Drinking Water Supply

Wellhead Protection Area (WHPA)

Lakes of Biological Significance

- Outstanding
- High
- Moderate

Native Plant Communities with Biodiversity Significance

- Outstanding
- High
- Moderate

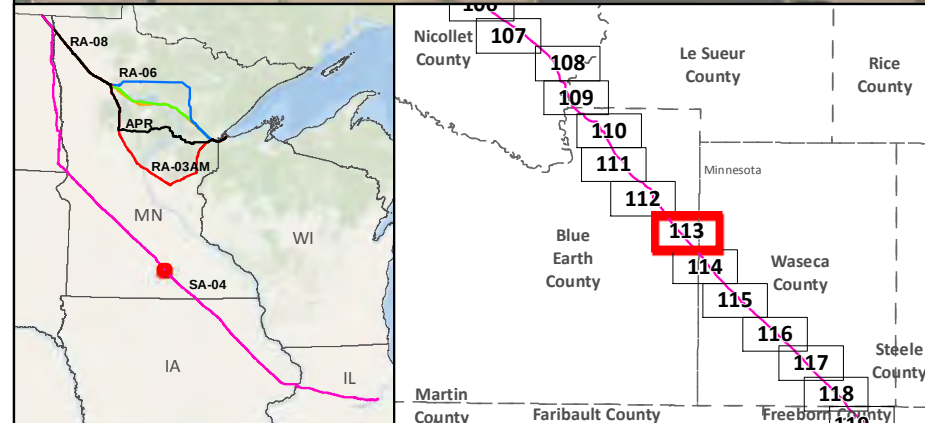
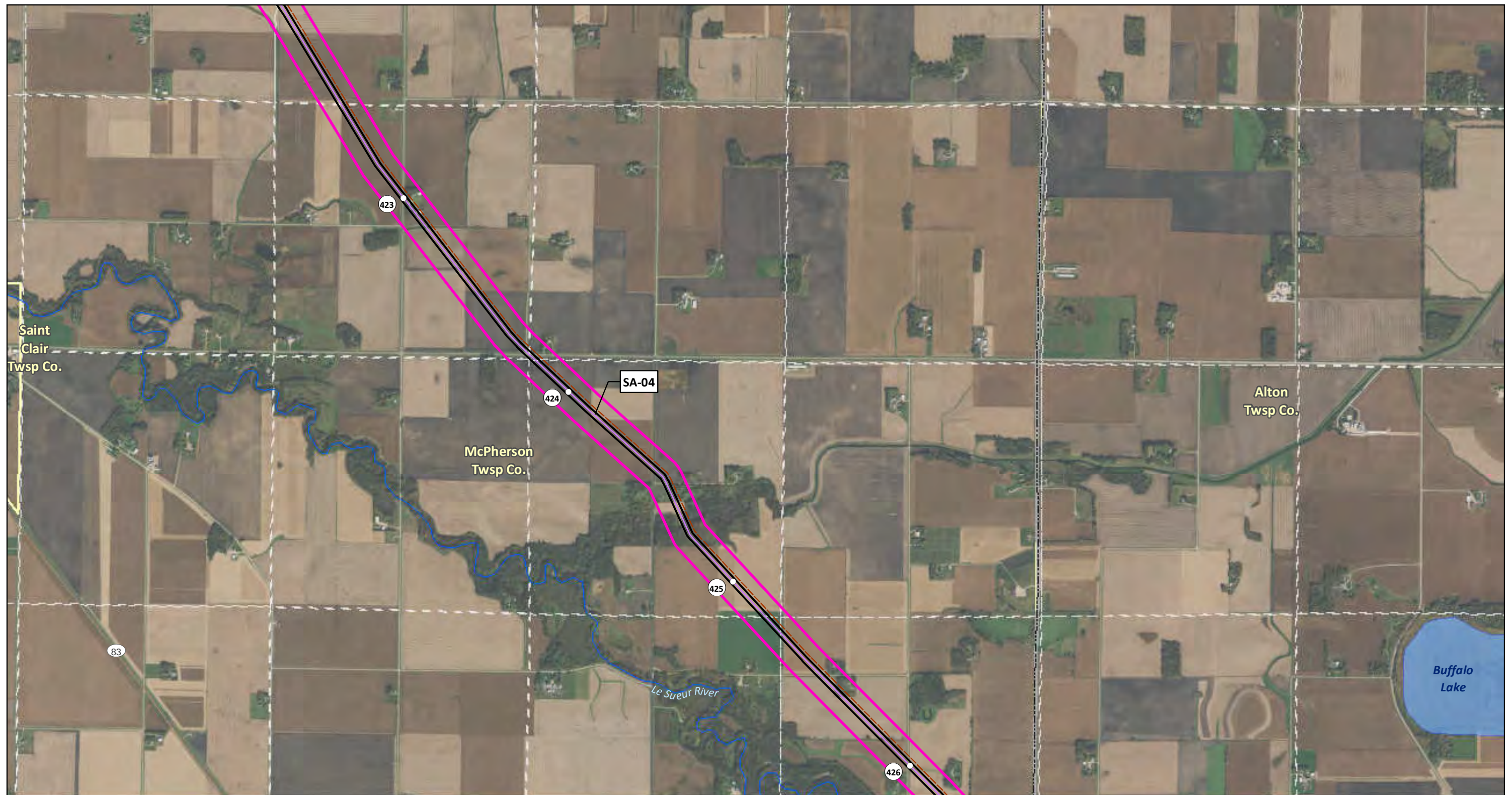
Data Sources: MNDNR, USGS, NHD, Enbridge

**LINE 3 PROJECT
DETAILED MAP SET
TOPOGRAPHIC**

SA-04

0 0.125 0.25 0.5 Miles
0 125 250 500 Meters
1:24,000
10ft Contours

Map 112B of 188

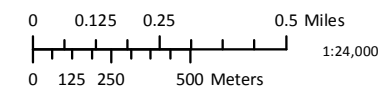


- SA-04
- Applicant's Preferred Route (APR)
- Anticipated 120' Construction ROW
- Route Width (750')
- County Boundary
- Mile Post
- Existing Pipeline
- Interstate
- Highway
- Major Road
- Township Boundary

- Land Ownership**
- State Forest
 - National Forest
 - Tribal Reservation

- Water Resources**
- Lake
 - River

Data Sources:
MNDNR, NHD, USGS, Enbridge

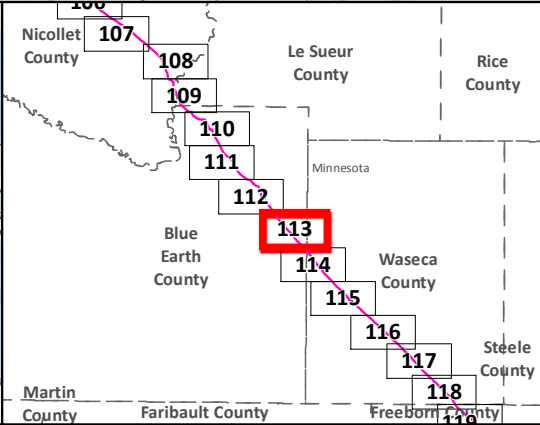
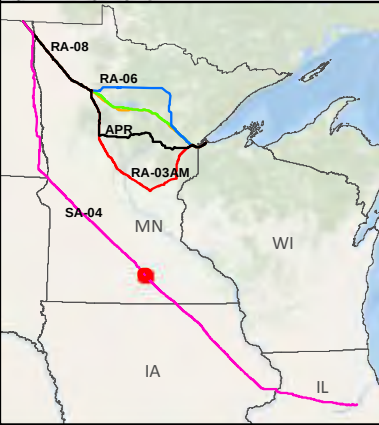
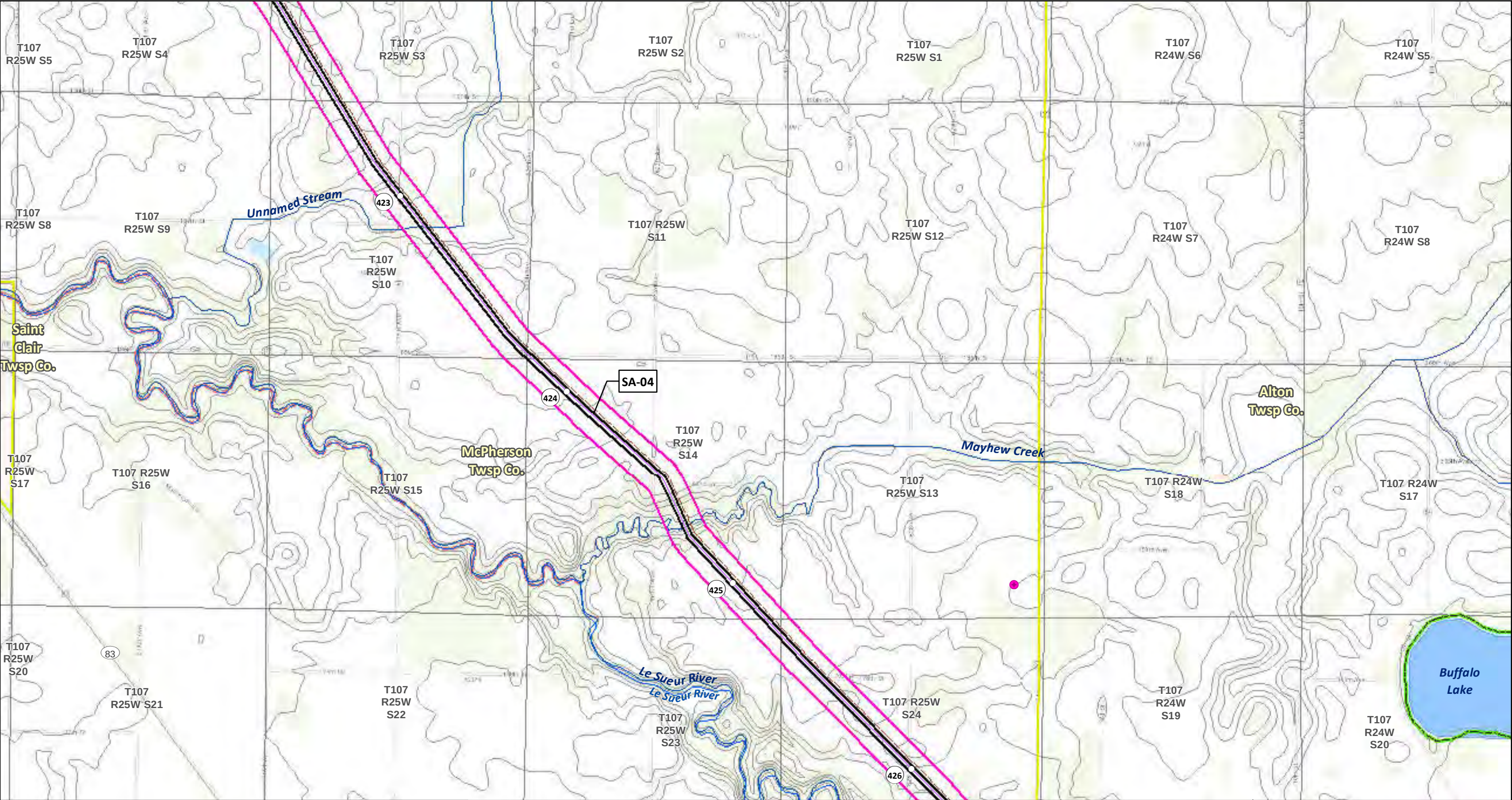


LINE 3 PROJECT DETAILED MAP SET AERIAL

SA-04

Map 113A of 188





SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08

Mile Post

Anticipated 120' Construction ROW

Route Width (750')

Existing Pipelines

Township Boundary

State Managed Lands

- WMA - Wildlife Management Areas
- Wildlife Refuge Inventory
- SNA - Scientific and Natural Area

Water Resources

- Navigable Waterway Crossings
- National River Inventory Crossing

Public Waters Watercourse

303d Impaired Waters

Designated Trout Stream

Calcareous Fens

Wild Rice Lakes (DNR)

Public Waters Wetlands

Public Water Basin

Public Drinking Water Supply

Wellhead Protection Area (WHPA)

Lakes of Biological Significance

- Outstanding
- High
- Moderate

Native Plant Communities with Biodiversity Significance

- Outstanding
- High
- Moderate

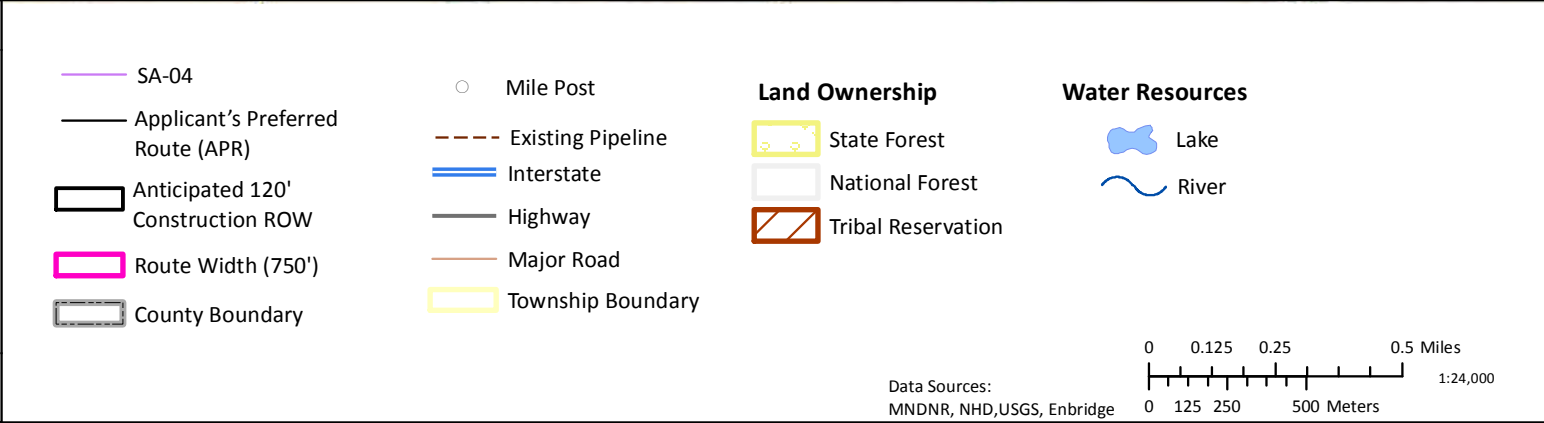
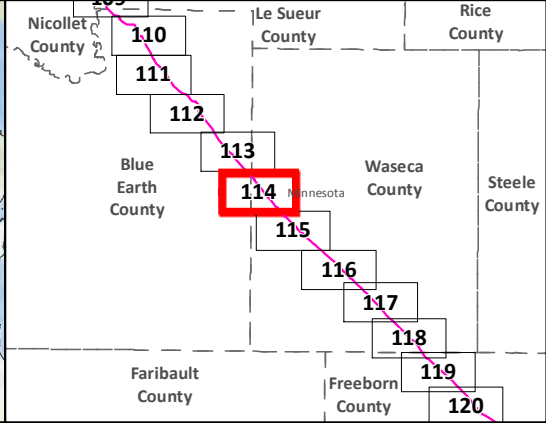
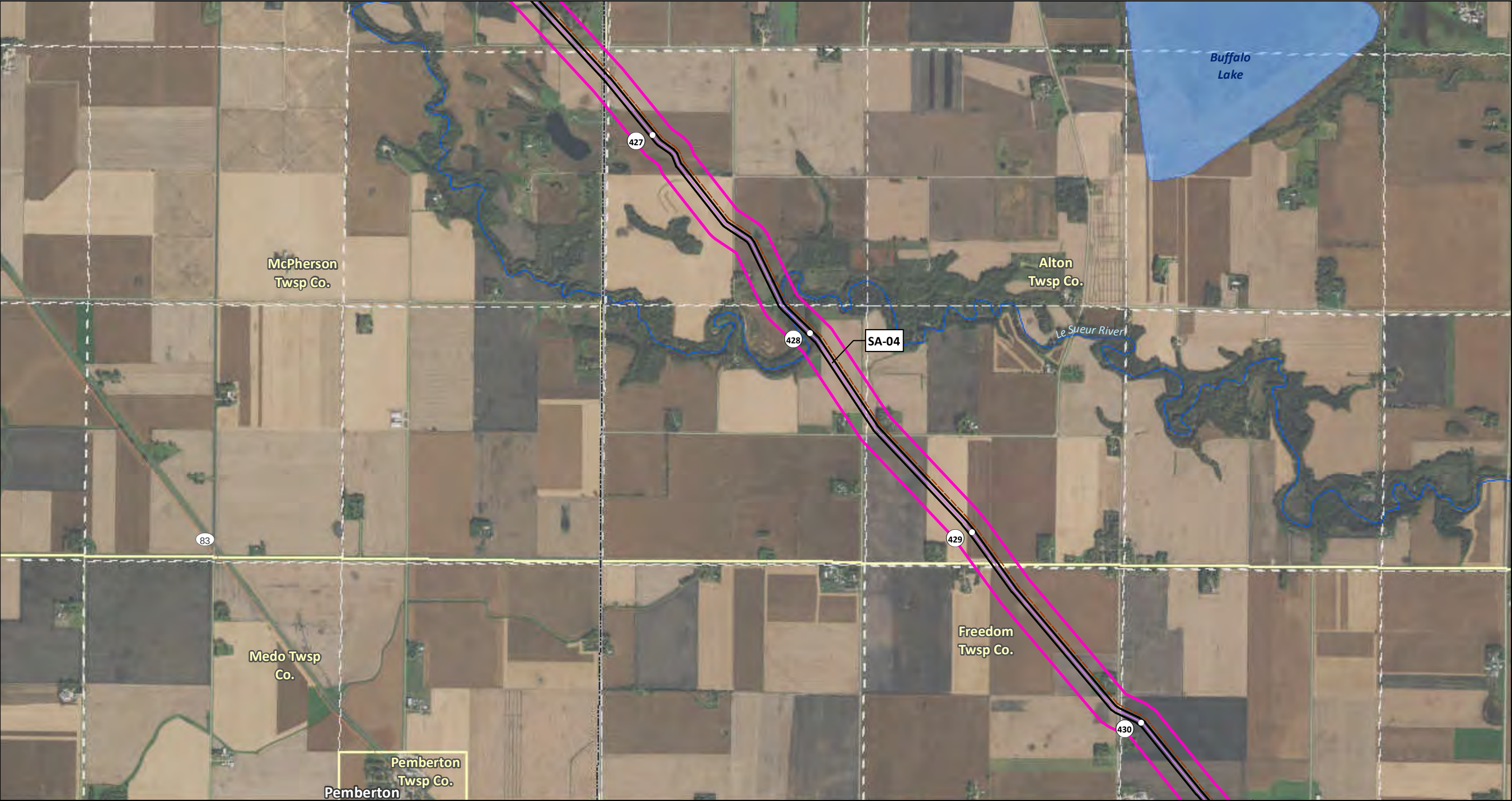
Data Sources: MNDNR, USGS, NHD, Enbridge

**LINE 3 PROJECT
DETAILED MAP SET
TOPOGRAPHIC**

SA-04

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0 125 250 500 Meters
1:24,000
10ft Contours

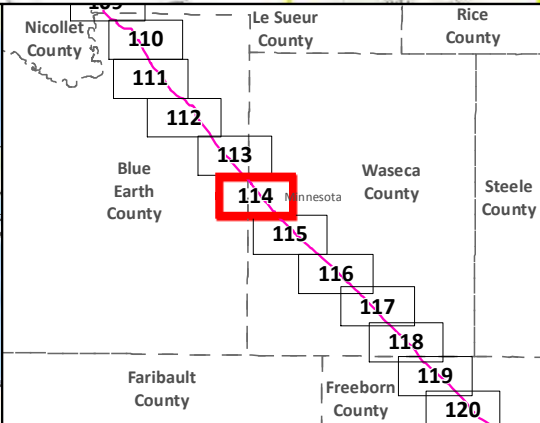
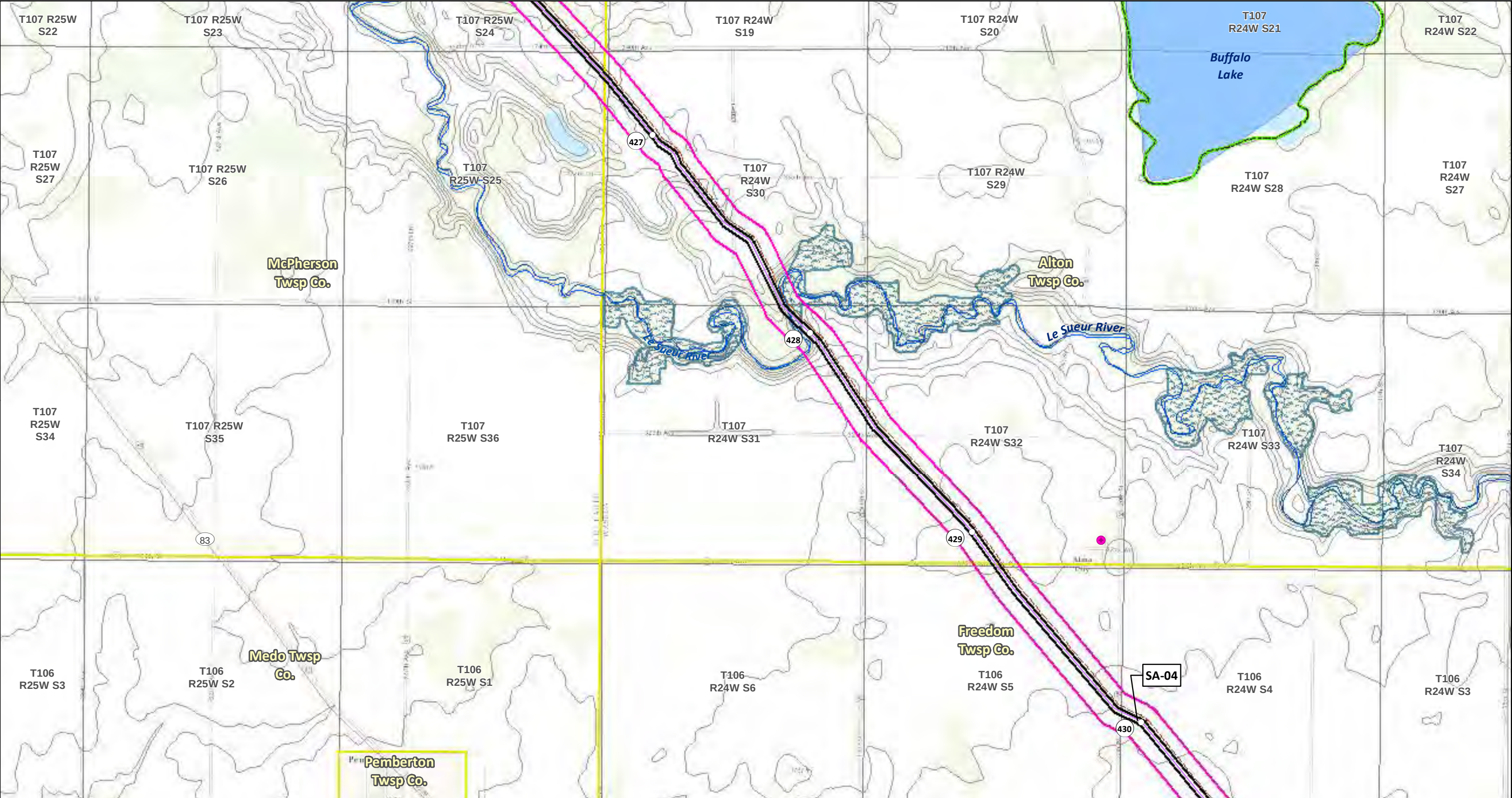
Map 113B of 188



**LINE 3 PROJECT
DETAILED MAP SET
AERIAL**

SA-04

Map 114A of 188



SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08

Mile Post

Anticipated 120' Construction ROW

Route Width (750')

Existing Pipelines

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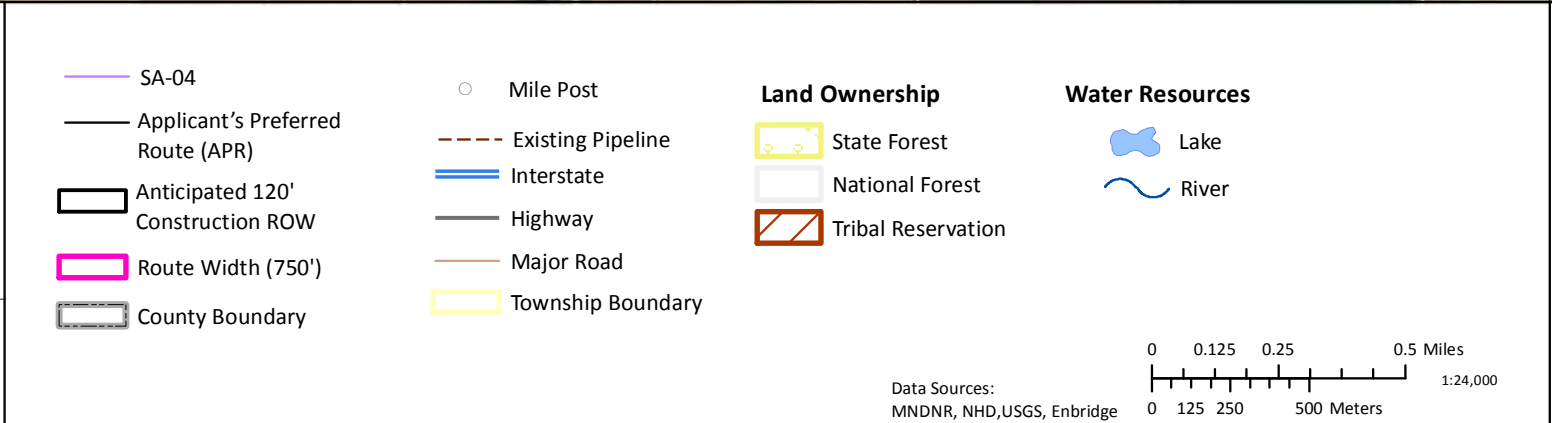
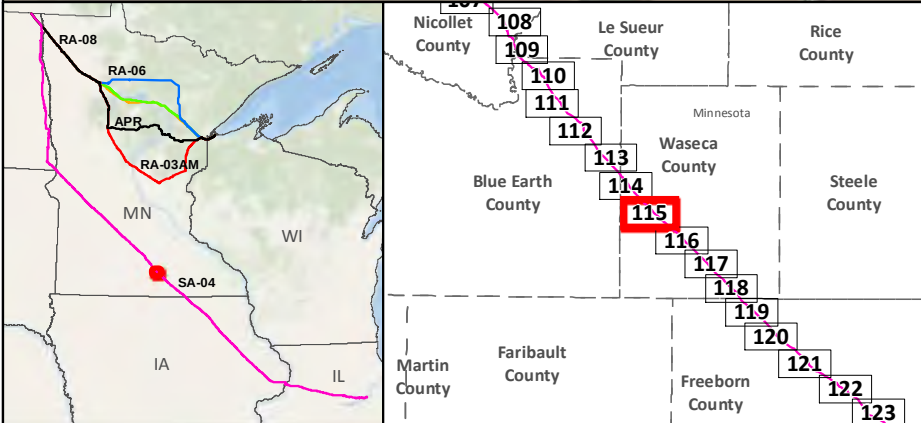
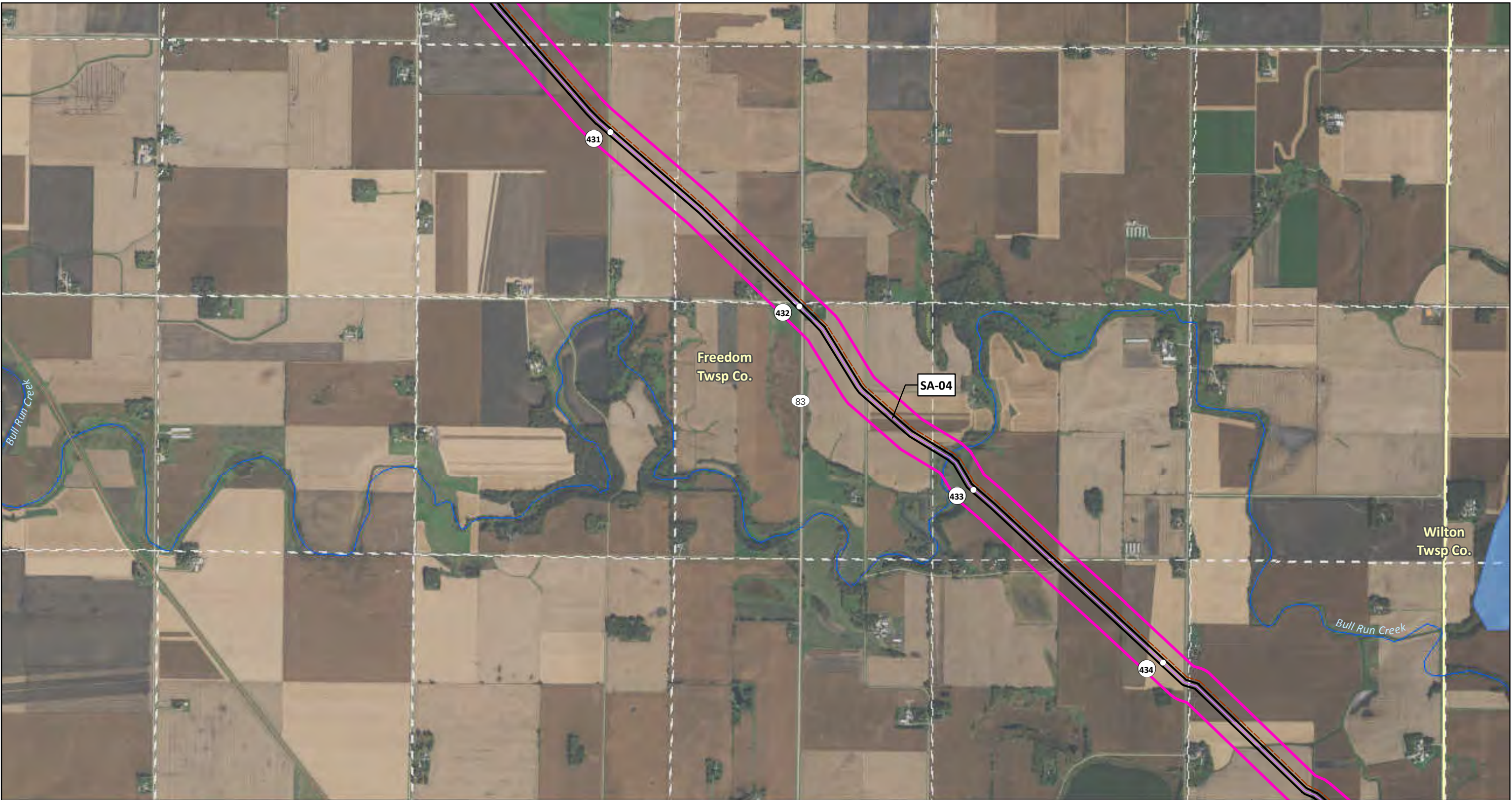
Data Sources: MNDNR, USGS, NHD, Enbridge

**LINE 3 PROJECT
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TOPOGRAPHIC**

SA-04

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0 125 250 500 Meters
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10ft Contours

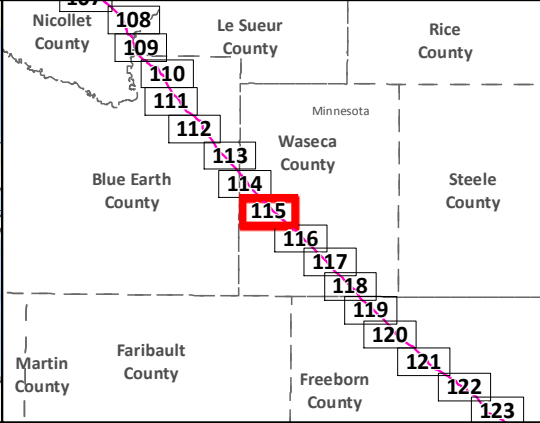
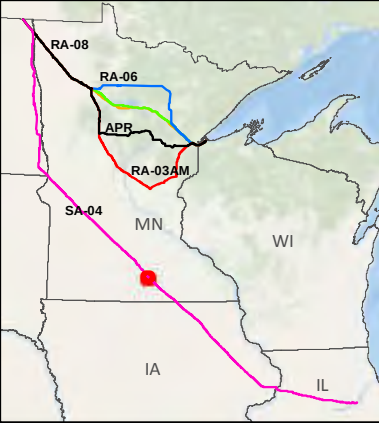
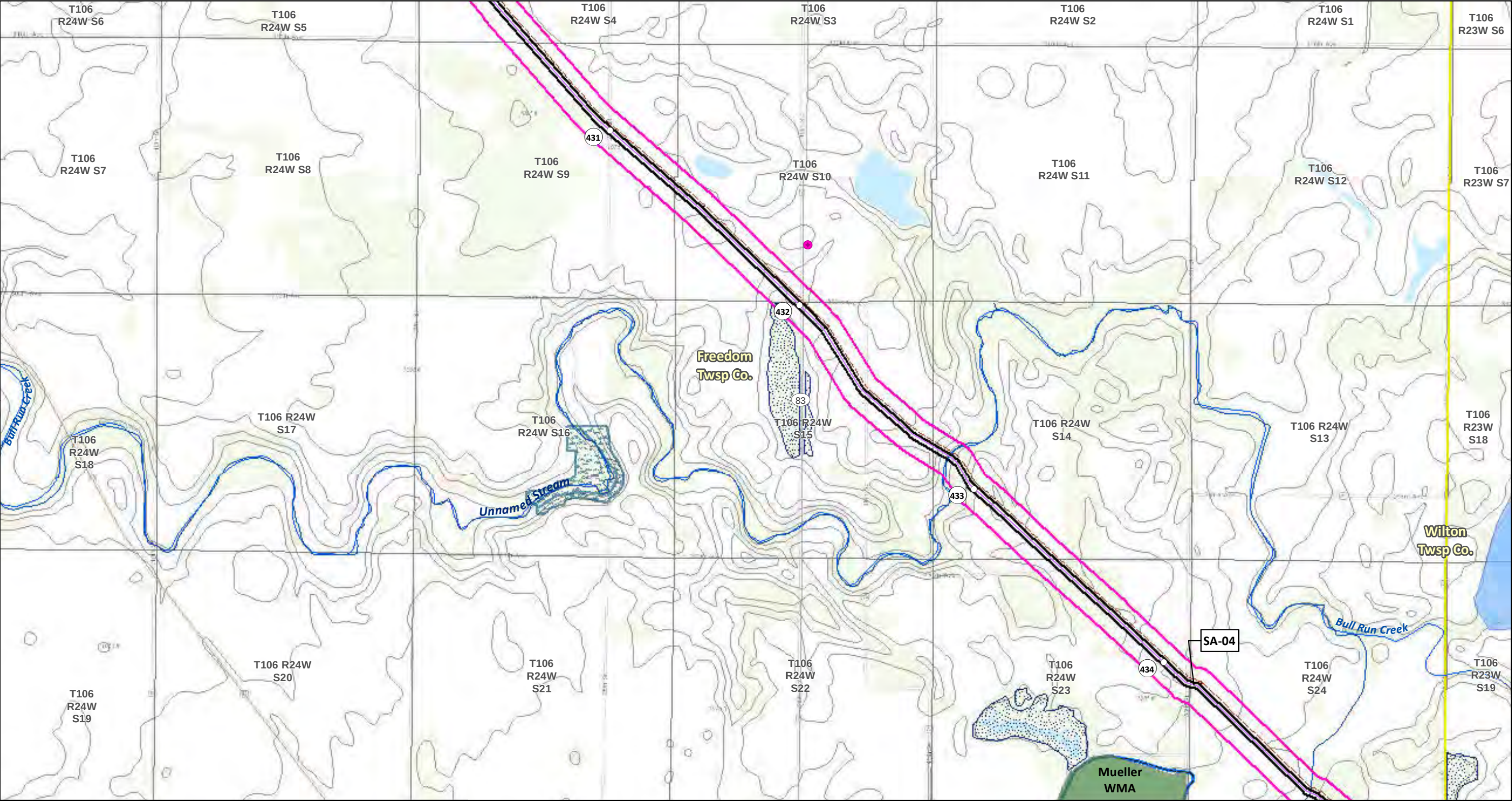
Map 114B of 188



**LINE 3 PROJECT
DETAILED MAP SET
AERIAL**

SA-04

Map 115A of 188



SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08

Mile Post

Anticipated 120' Construction ROW

Route Width (750')

Existing Pipelines

Township Boundary

State Managed Lands

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- High
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- Outstanding
- High
- Moderate

Data Sources: MNDNR, USGS, NHD, Enbridge

**LINE 3 PROJECT
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TOPOGRAPHIC**

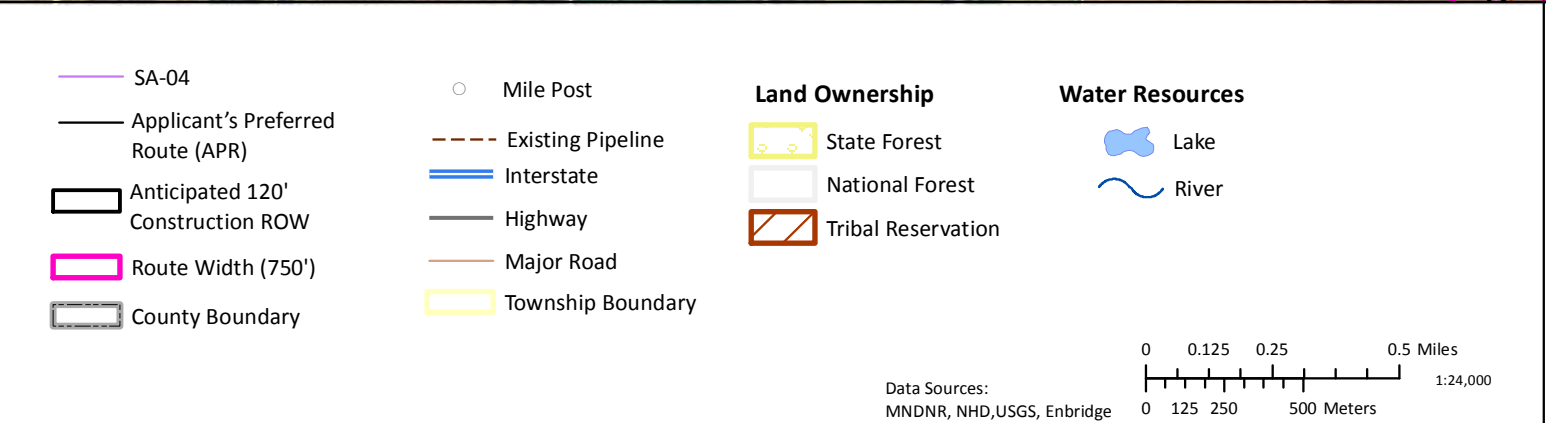
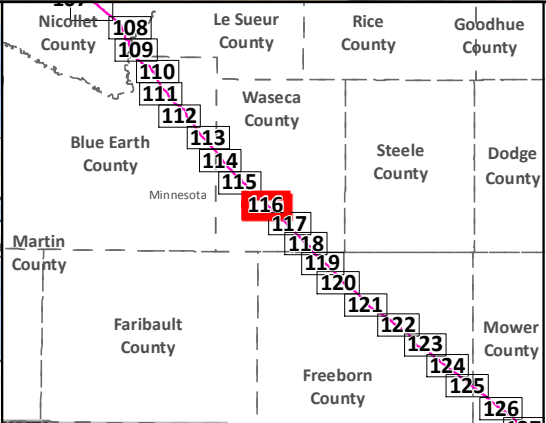
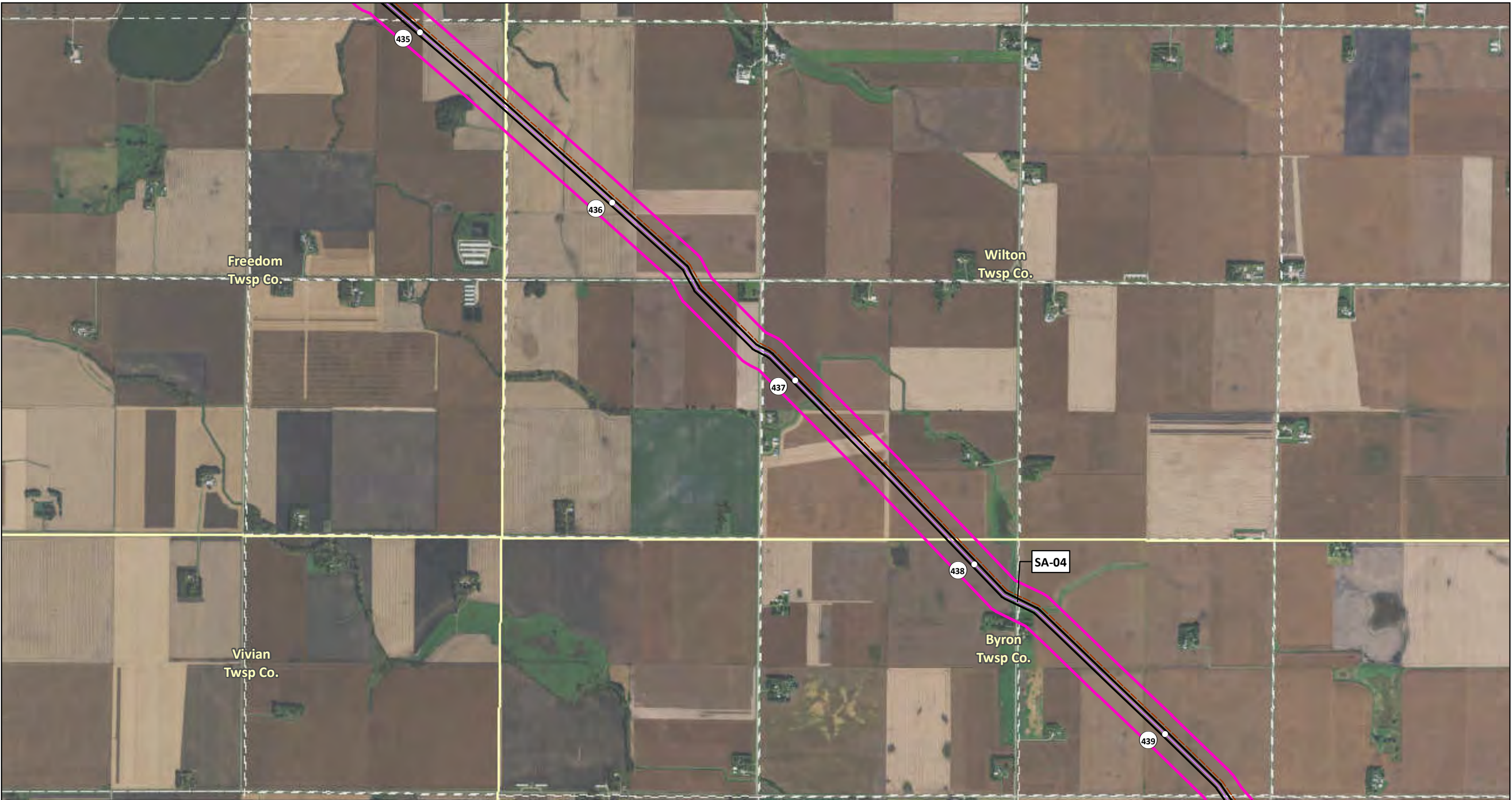
SA-04

0 0.125 0.25 0.5 Miles
0 125 250 500 Meters 10ft Contours

1:24,000

Map 115B of 188

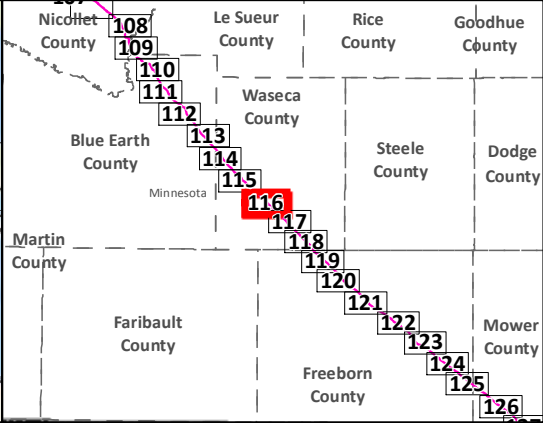
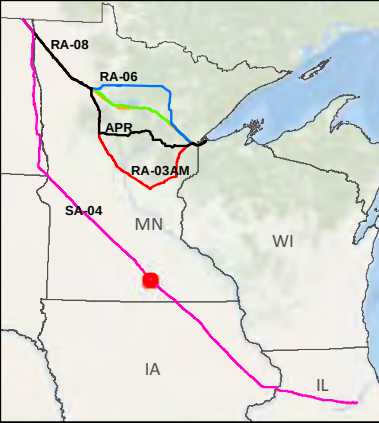
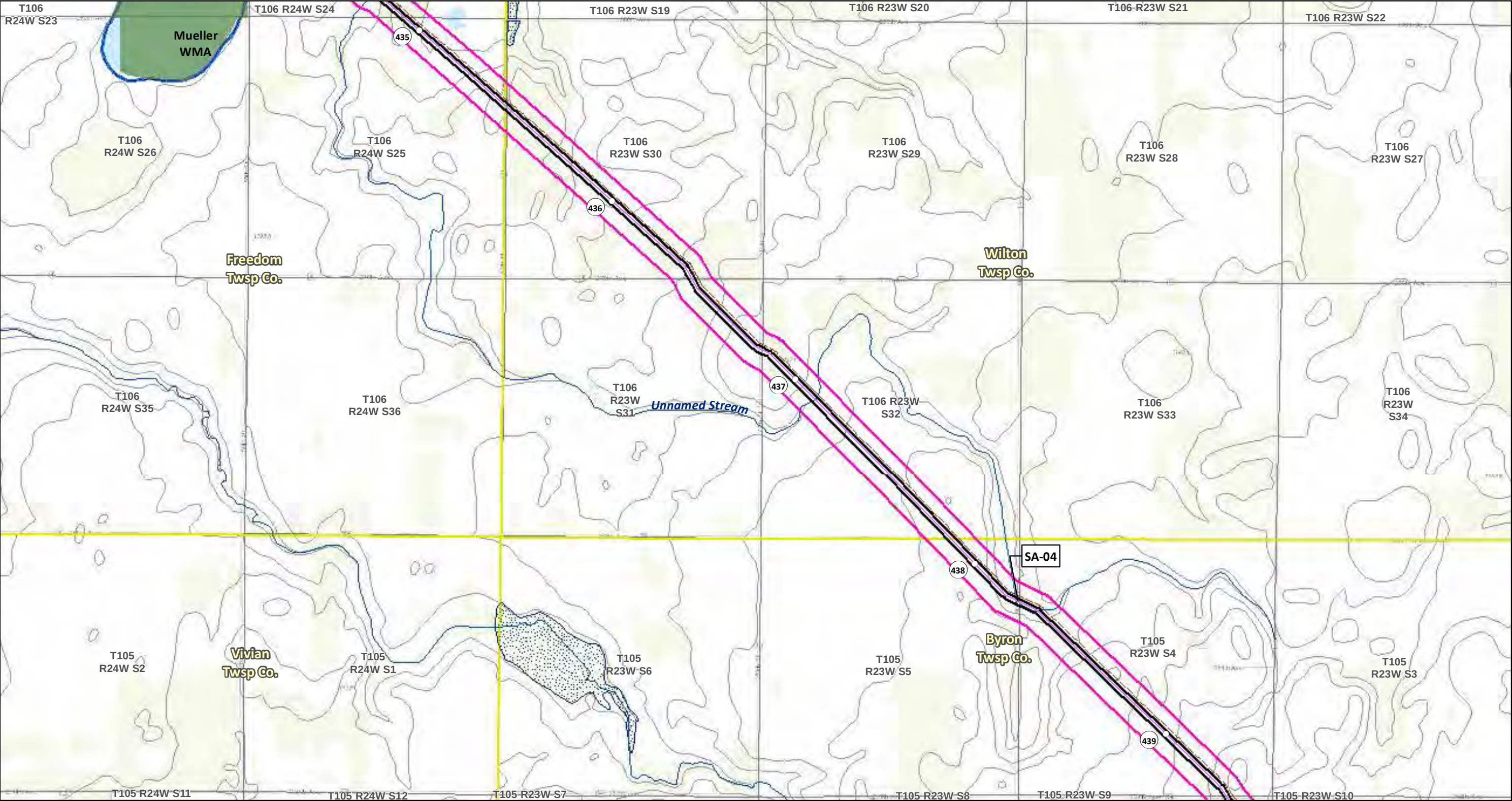
North Arrow



**LINE 3 PROJECT
DETAILED MAP SET
AERIAL**

SA-04

Map 116A of 188



SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08

Mile Post

Anticipated 120' Construction ROW

Route Width (750')

Existing Pipelines

Township Boundary

State Managed Lands

- WMA - Wildlife Management Areas
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- SNA - Scientific and Natural Area

Water Resources

- Navigable Waterway Crossings
- National River Inventory Crossing

Public Waters Watercourse

303d Impaired Waters

Designated Trout Stream

Calcareous Fens

Wild Rice Lakes (DNR)

Public Waters Wetlands

Public Water Basin

Public Drinking Water Supply

Wellhead Protection Area (WHPA)

Lakes of Biological Significance

- Outstanding
- High
- Moderate

Native Plant Communities with Biodiversity Significance

- Outstanding
- High
- Moderate

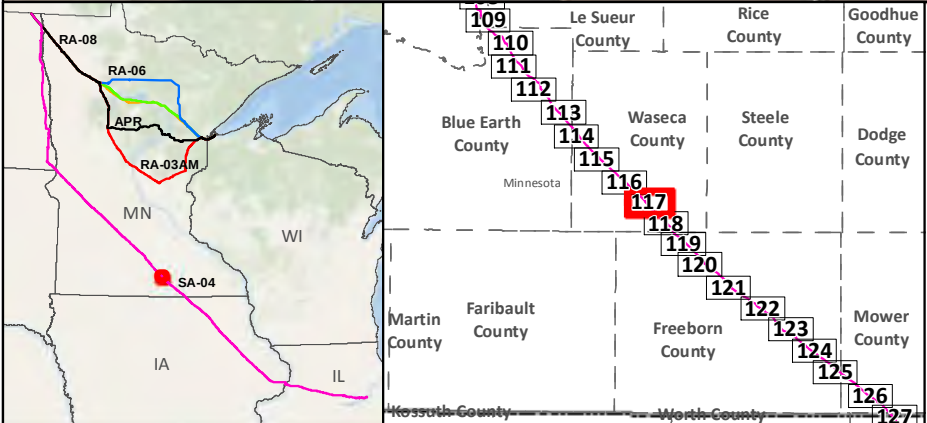
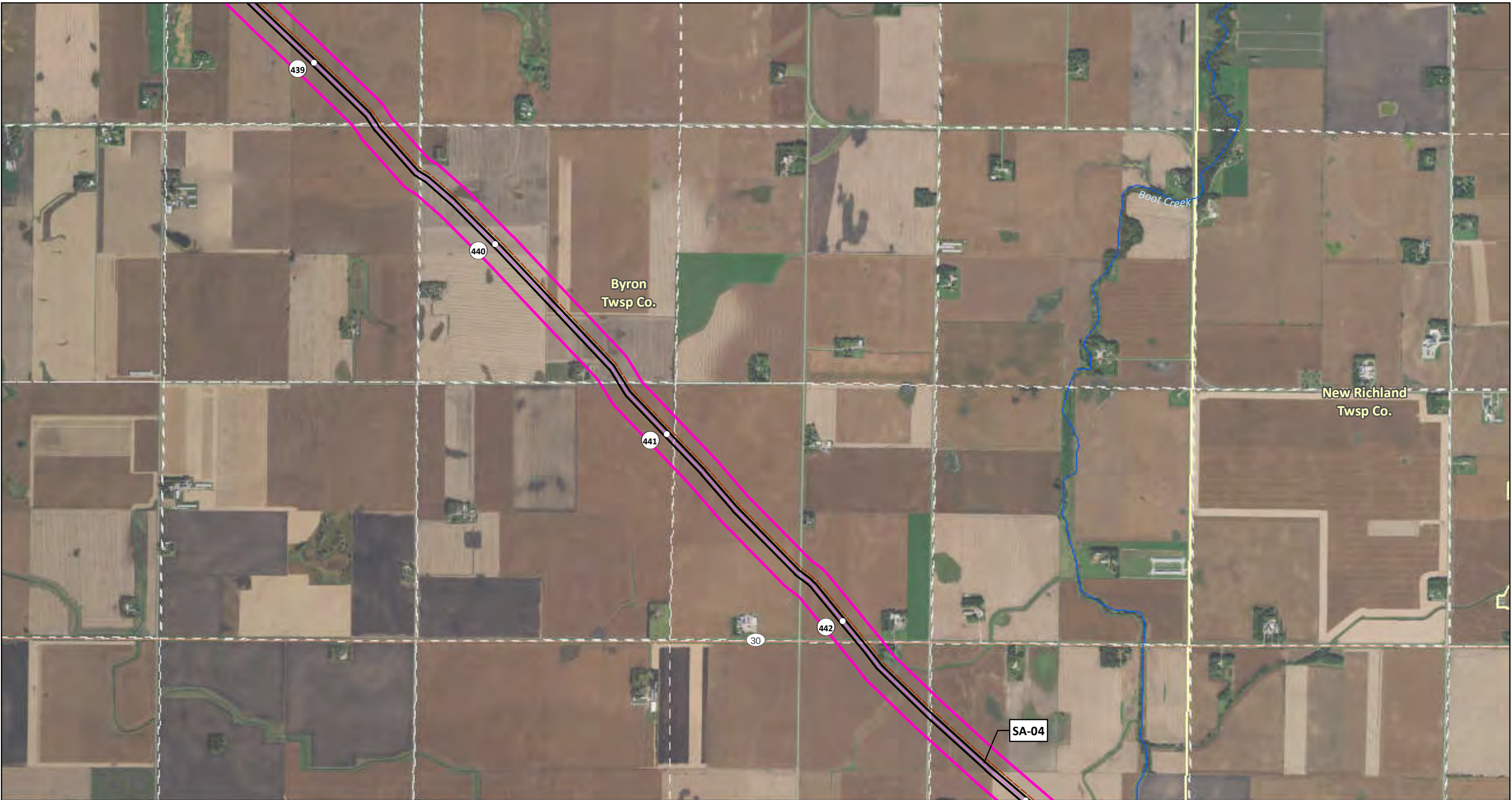
Data Sources: MNDNR, USGS, NHD, Enbridge

LINE 3 PROJECT
DETAILED MAP SET
TOPOGRAPHIC

SA-04

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0 125 250 500 Meters 1:24,000
10ft Contours

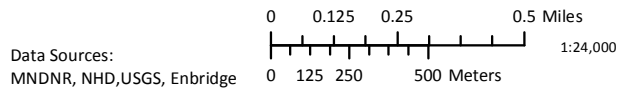
Map 116B of 188



- SA-04
- Applicant's Preferred Route (APR)
- Anticipated 120' Construction ROW
- Route Width (750')
- County Boundary
- Mile Post
- Existing Pipeline
- Interstate
- Highway
- Major Road
- Township Boundary

- Land Ownership**
- State Forest
 - National Forest
 - Tribal Reservation

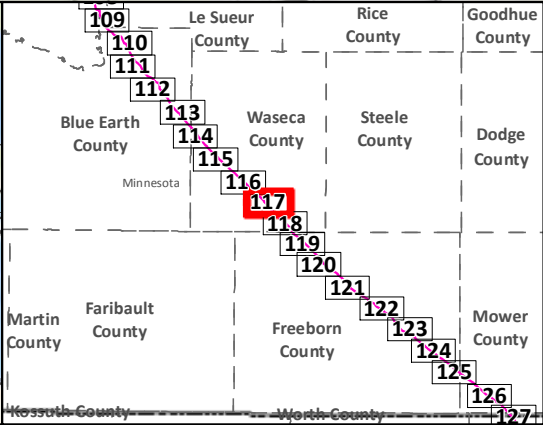
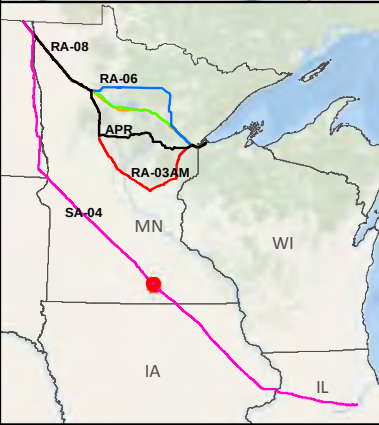
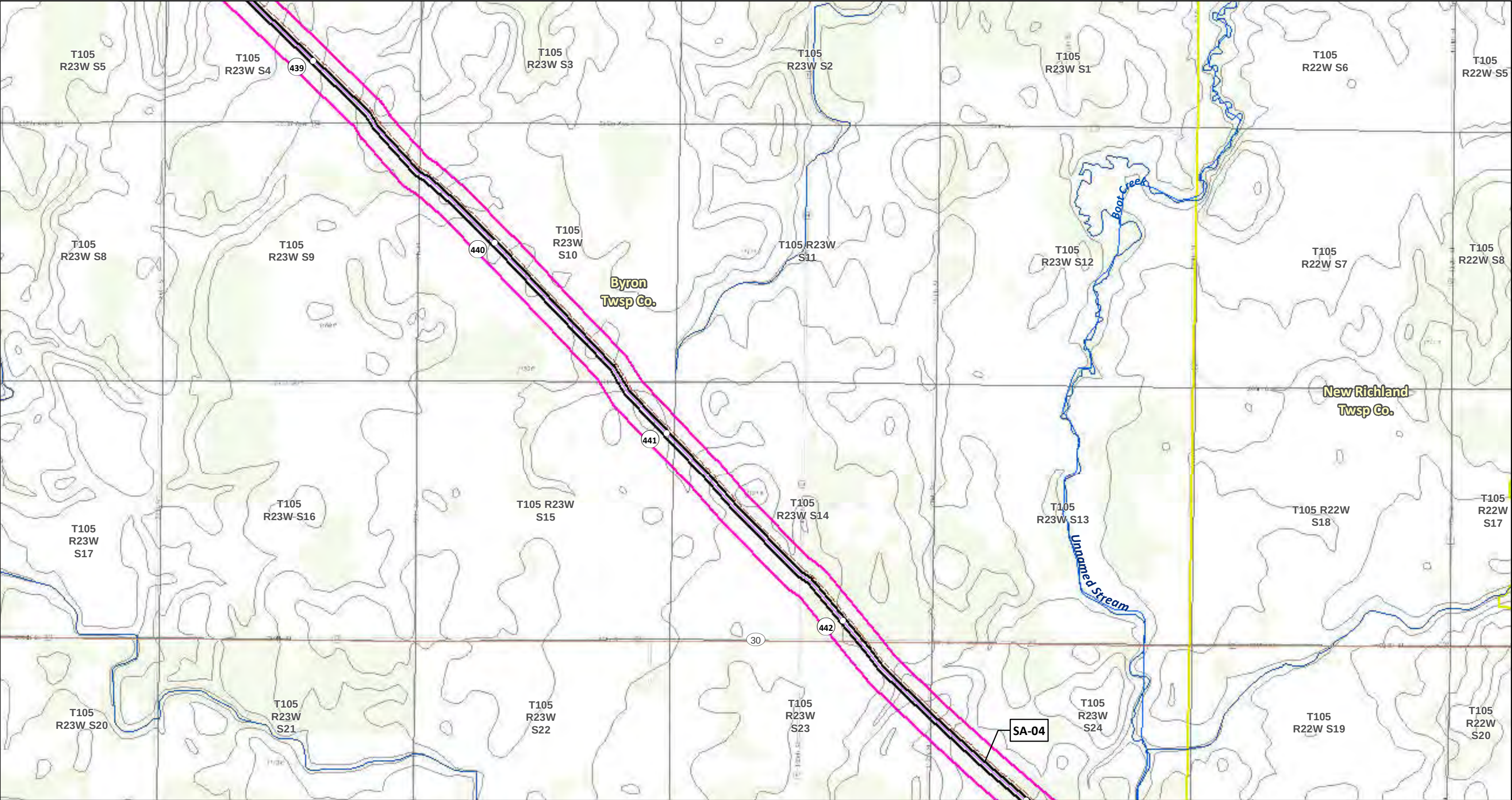
- Water Resources**
- Lake
 - River



**LINE 3 PROJECT
DETAILED MAP SET
AERIAL**

SA-04





SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08

Mile Post

Anticipated 120' Construction ROW

Route Width (750')

Existing Pipelines

Township Boundary

State Managed Lands

- WMA - Wildlife Management Areas
- Wildlife Refuge Inventory
- SNA - Scientific and Natural Area

Water Resources

- Navigable Waterway Crossings
- National River Inventory Crossing

Public Waters Watercourse

303d Impaired Waters

Designated Trout Stream

Calcareous Fens

Wild Rice Lakes (DNR)

Public Waters Wetlands

Public Water Basin

Public Drinking Water Supply

Wellhead Protection Area (WHPA)

Lakes of Biological Significance

- Outstanding
- High
- Moderate

Native Plant Communities with Biodiversity Significance

- Outstanding
- High
- Moderate

Data Sources: MNDNR, USGS, NHD, Enbridge

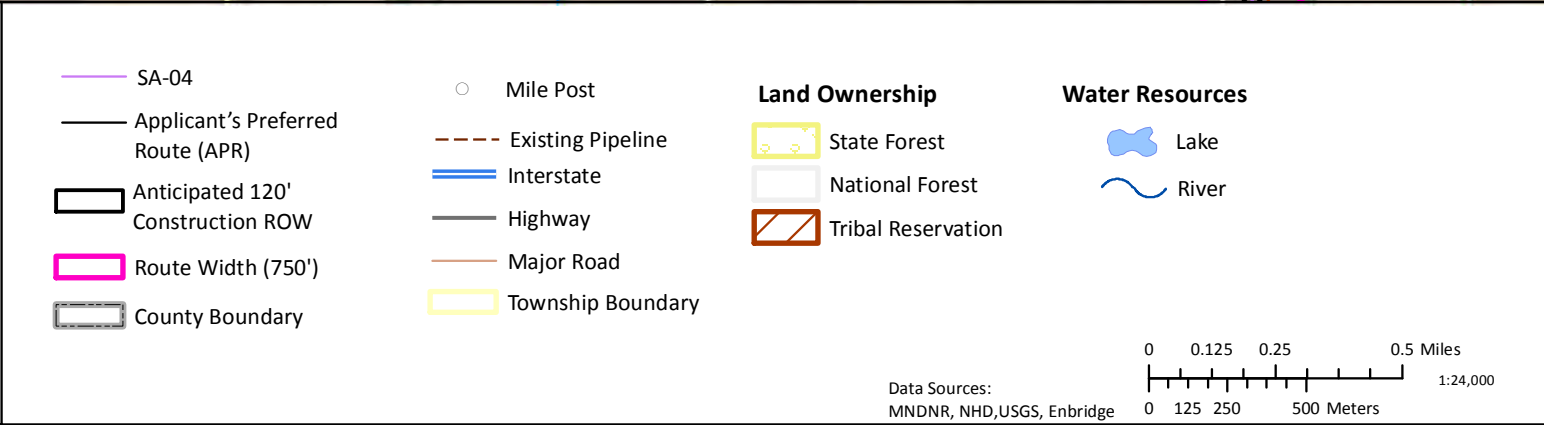
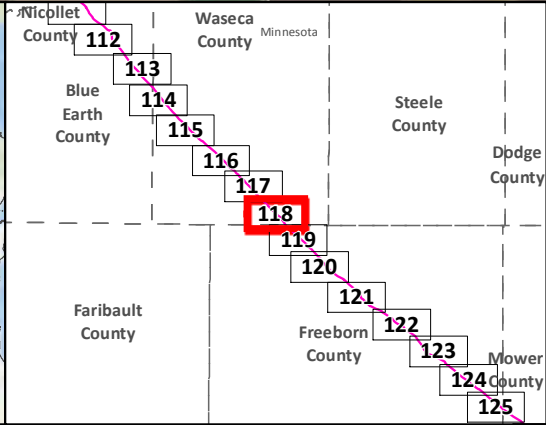
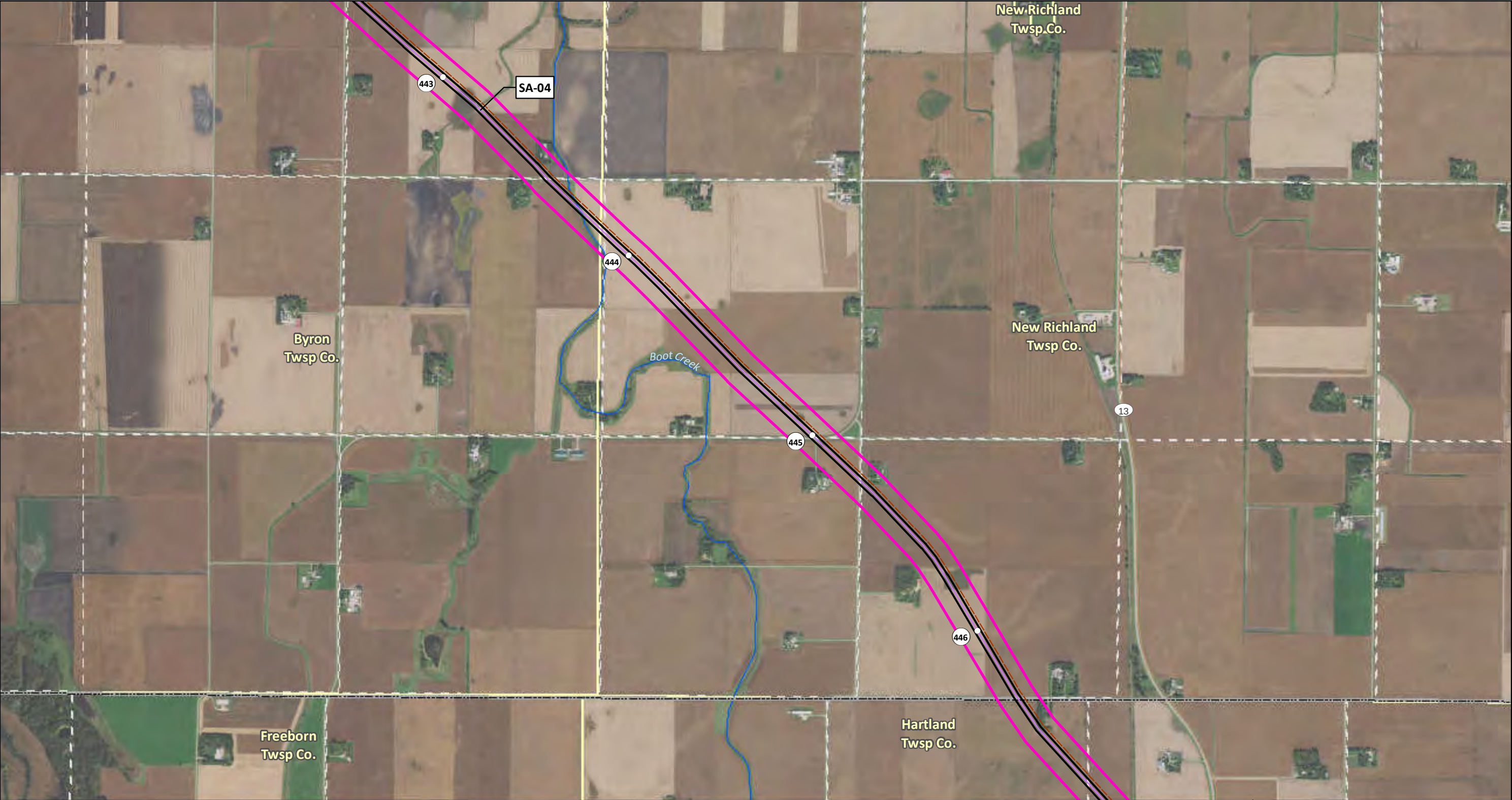
**LINE 3 PROJECT
DETAILED MAP SET
TOPOGRAPHIC**

SA-04

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0 125 250 500 Meters 1:24,000
10ft Contours

Map 117B of 188

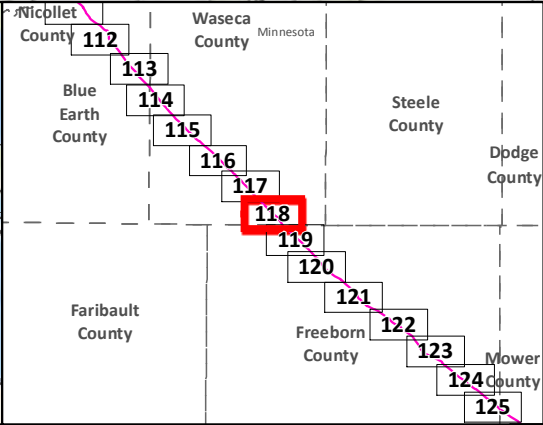
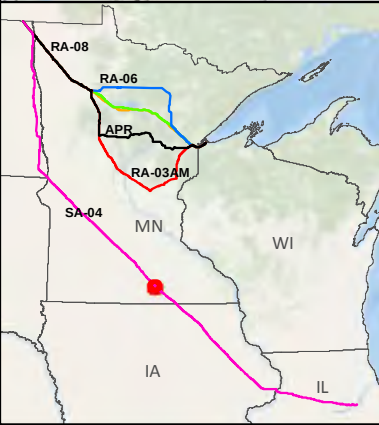
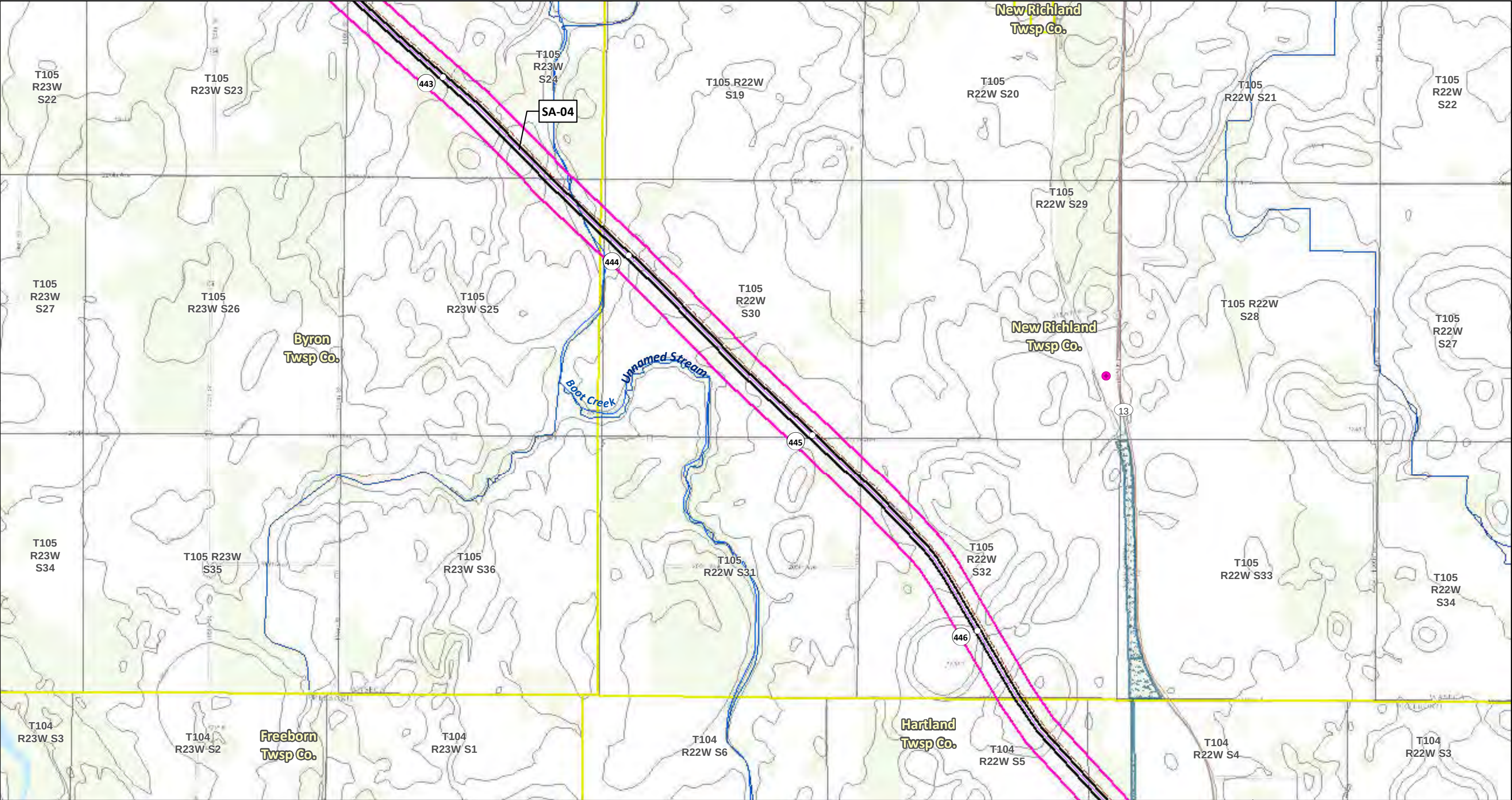
North Arrow



LINE 3 PROJECT
DETAILED MAP SET
AERIAL

SA-04

Map 118A of 188



SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08

Mile Post

Anticipated 120' Construction ROW

Route Width (750')

Existing Pipelines

Township Boundary

State Managed Lands

- WMA - Wildlife Management Areas
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Lakes of Biological Significance

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- High
- Moderate

Native Plant Communities with Biodiversity Significance

- Outstanding
- High
- Moderate

Data Sources: MNDNR, USGS, NHD, Enbridge

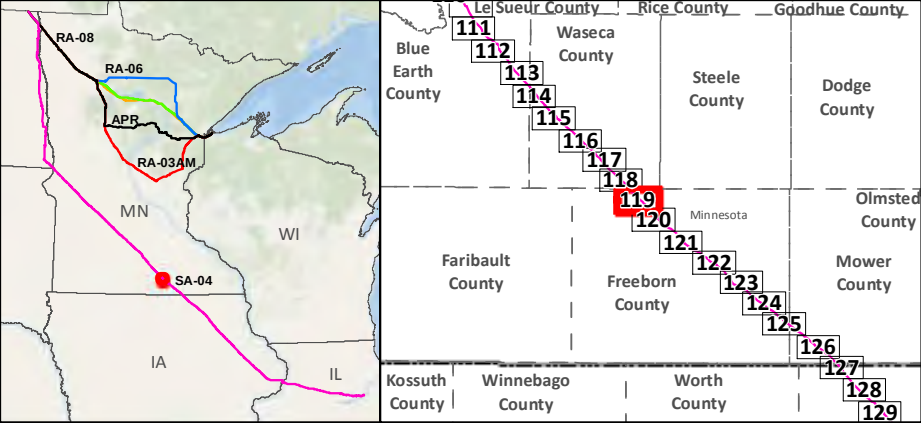
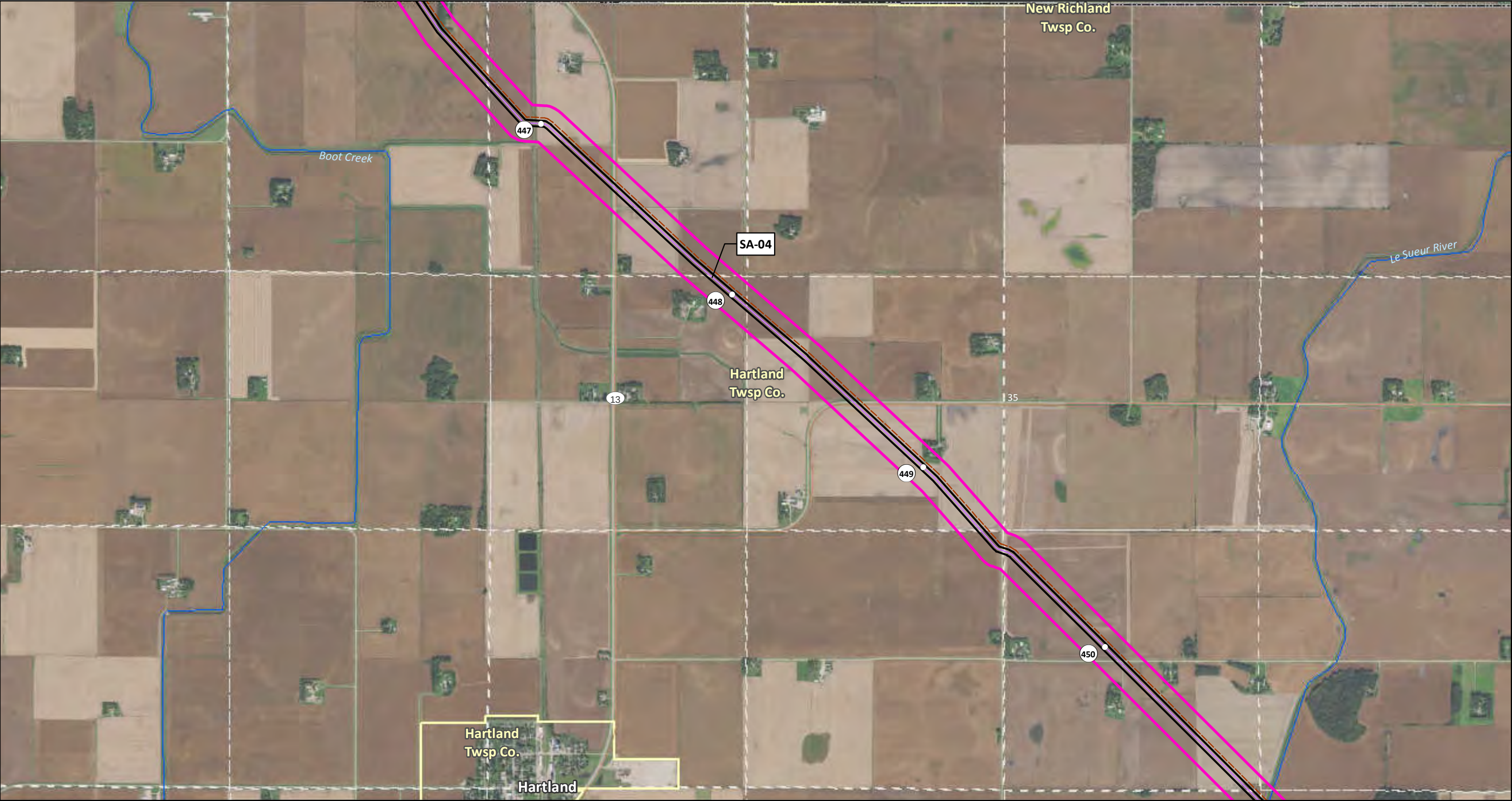
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0 125 250 500 Meters

1:24,000

10ft Contours

Map 118B of 188



SA-04

Applicant's Preferred Route (APR)

Anticipated 120' Construction ROW

Route Width (750')

County Boundary

Mile Post

Existing Pipeline

Interstate

Highway

Major Road

Township Boundary

Land Ownership

State Forest

National Forest

Tribal Reservation

Water Resources

Lake

River

0

0.125

0.25

0.5 Miles

0

125

250

500 Meters

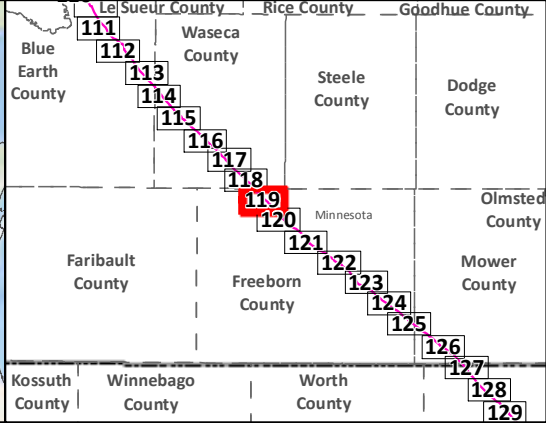
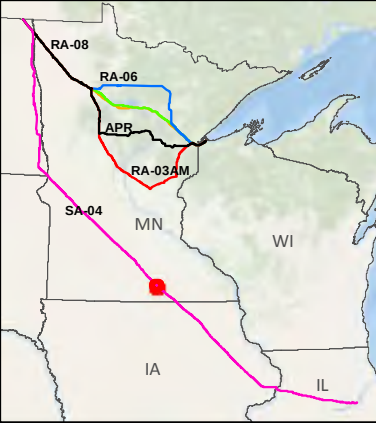
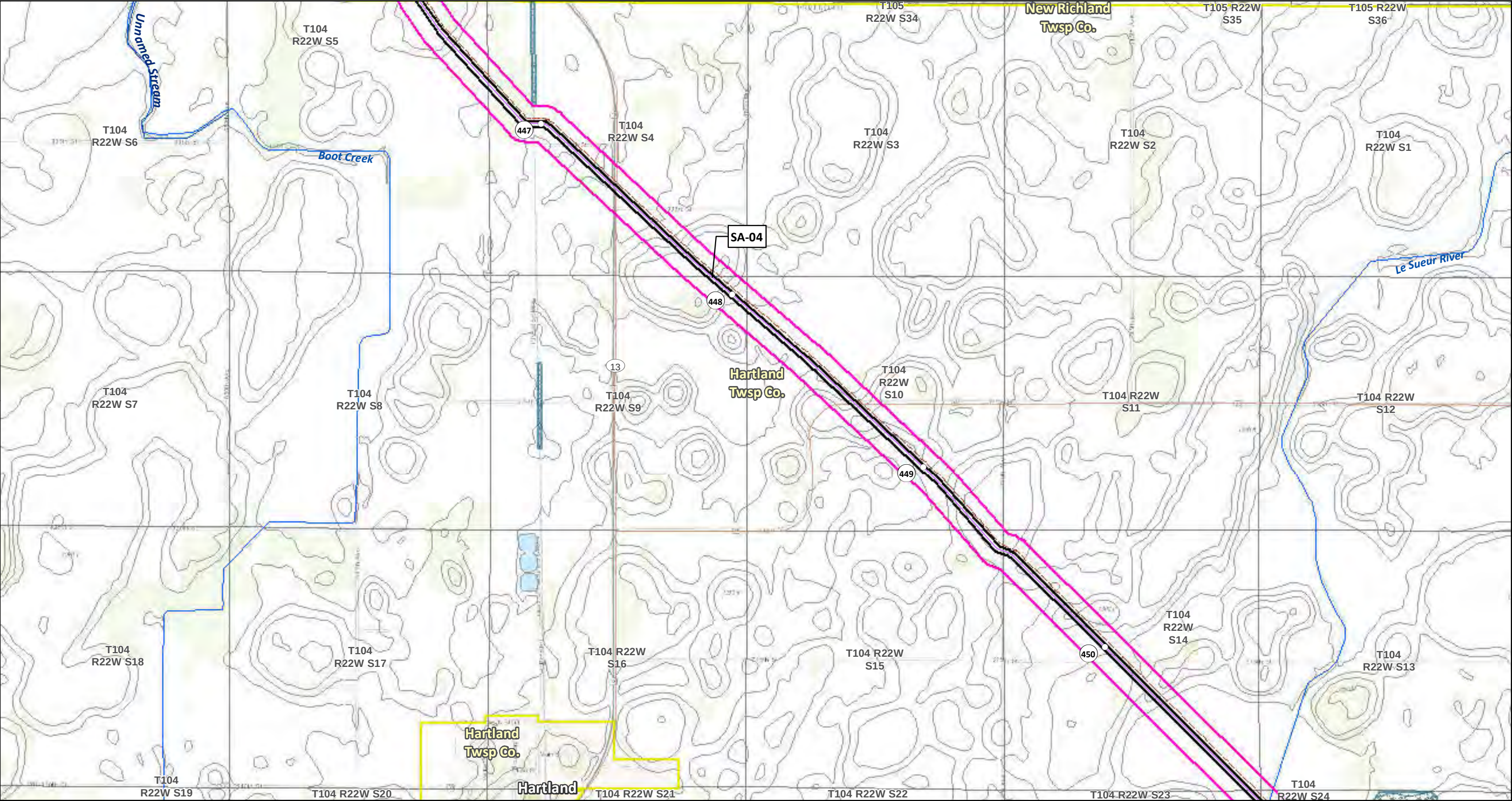
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Data Sources:
MNDNR, NHD, USGS, Enbridge

LINE 3 PROJECT
DETAILED MAP SET
AERIAL

SA-04

Map 119A of 188



SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08

Mile Post

Anticipated 120' Construction ROW

Route Width (750')

Existing Pipelines

Township Boundary

State Managed Lands

- WMA - Wildlife Management Areas
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- SNA - Scientific and Natural Area

Water Resources

- Navigable Waterway Crossings
- National River Inventory Crossing

Public Waters Watercourse

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- High
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Native Plant Communities with Biodiversity Significance

- Outstanding
- High
- Moderate

Data Sources: MNDNR, USGS, NHD, Enbridge

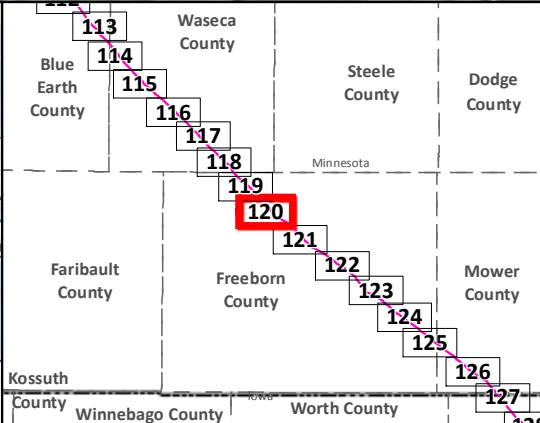
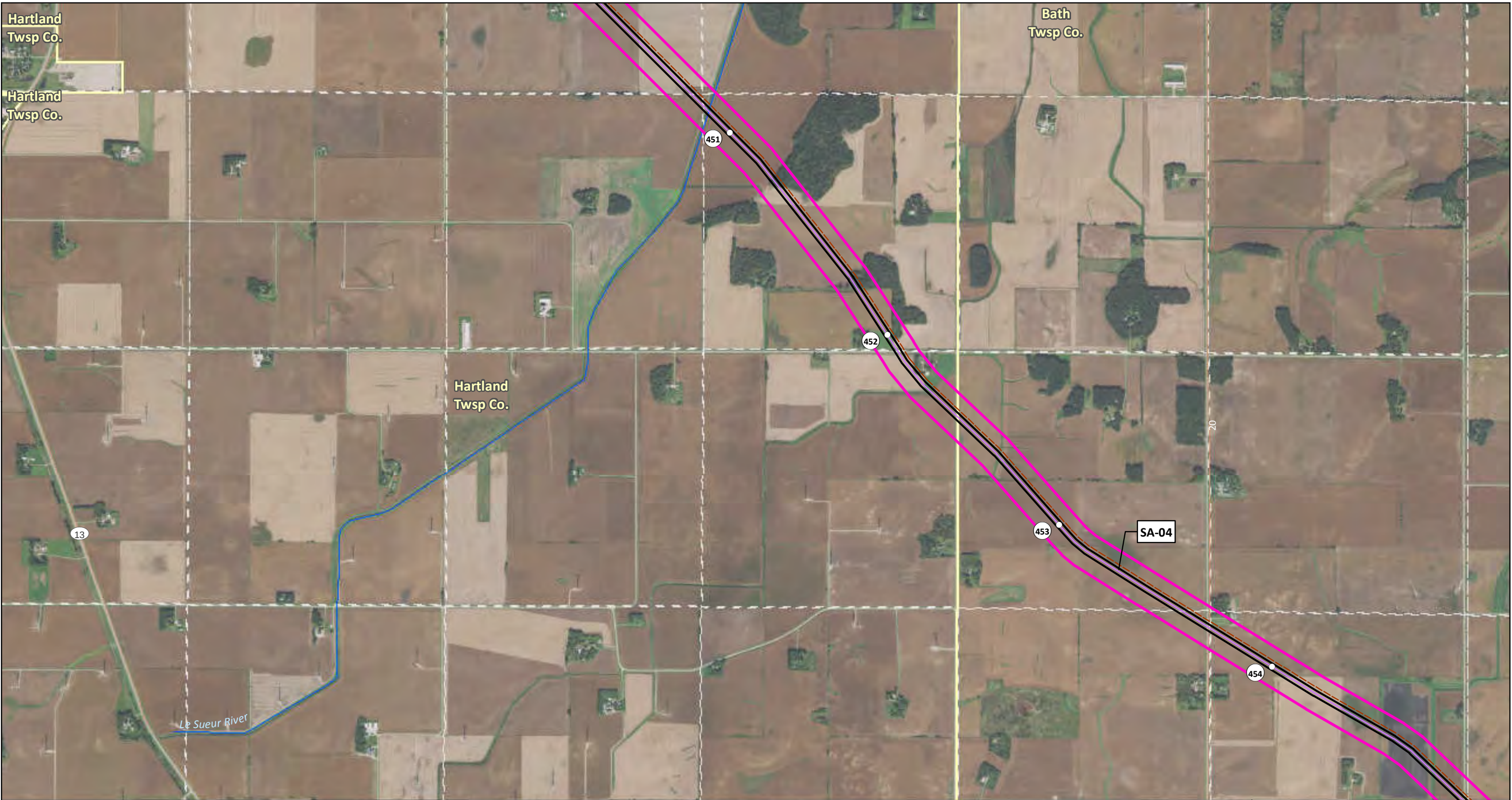
**LINE 3 PROJECT
DETAILED MAP SET
TOPOGRAPHIC**

SA-04

0 0.125 0.25 0.5 Miles
0 125 250 500 Meters 1:24,000
10ft Contours

Map 119B of 188

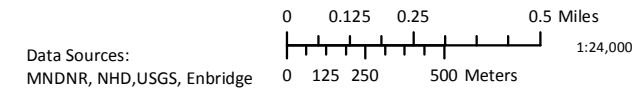
North Arrow



- SA-04
- Applicant's Preferred Route (APR)
- Anticipated 120' Construction ROW
- Route Width (750')
- County Boundary
- Mile Post
- Existing Pipeline
- Interstate
- Highway
- Major Road
- Township Boundary

- Land Ownership**
- State Forest
 - National Forest
 - Tribal Reservation

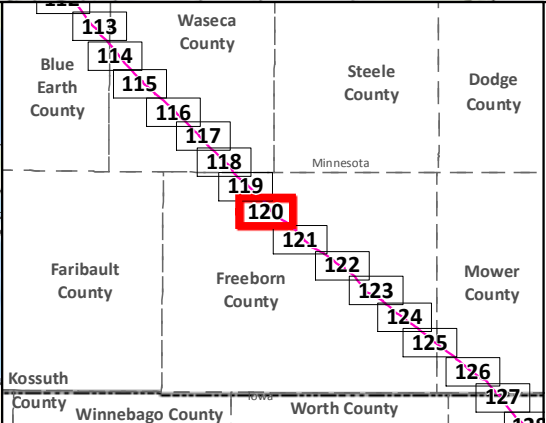
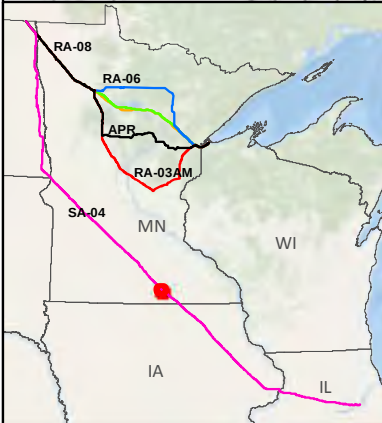
- Water Resources**
- Lake
 - River



**LINE 3 PROJECT
DETAILED MAP SET
AERIAL**

SA-04

Map 120A of 188



SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08

Mile Post

Anticipated 120' Construction ROW

Route Width (750')

Existing Pipelines

Township Boundary

State Managed Lands

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Water Resources

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Lakes of Biological Significance

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- High
- Moderate

Native Plant Communities with Biodiversity Significance

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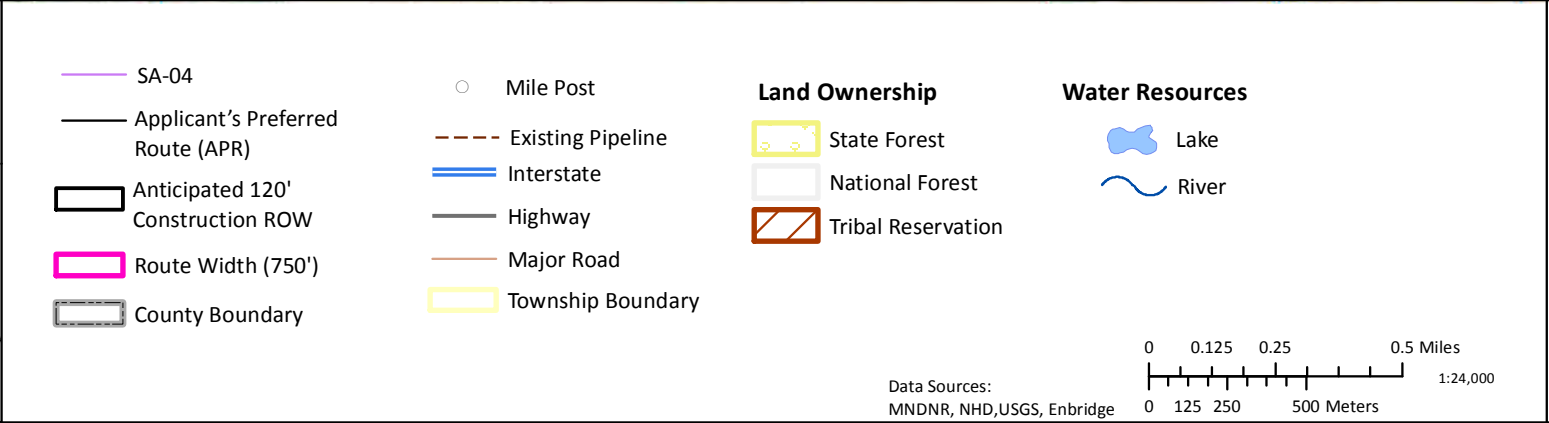
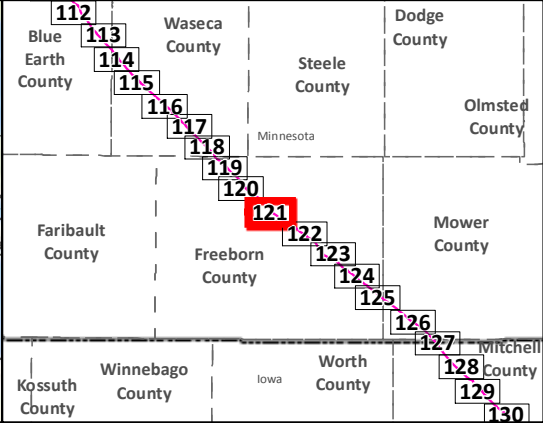
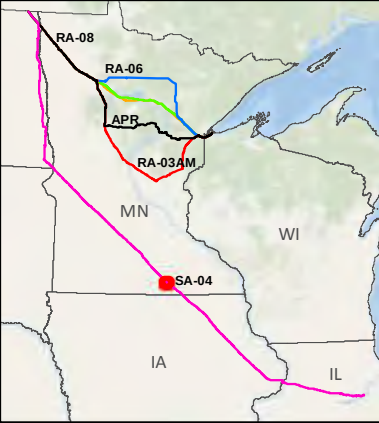
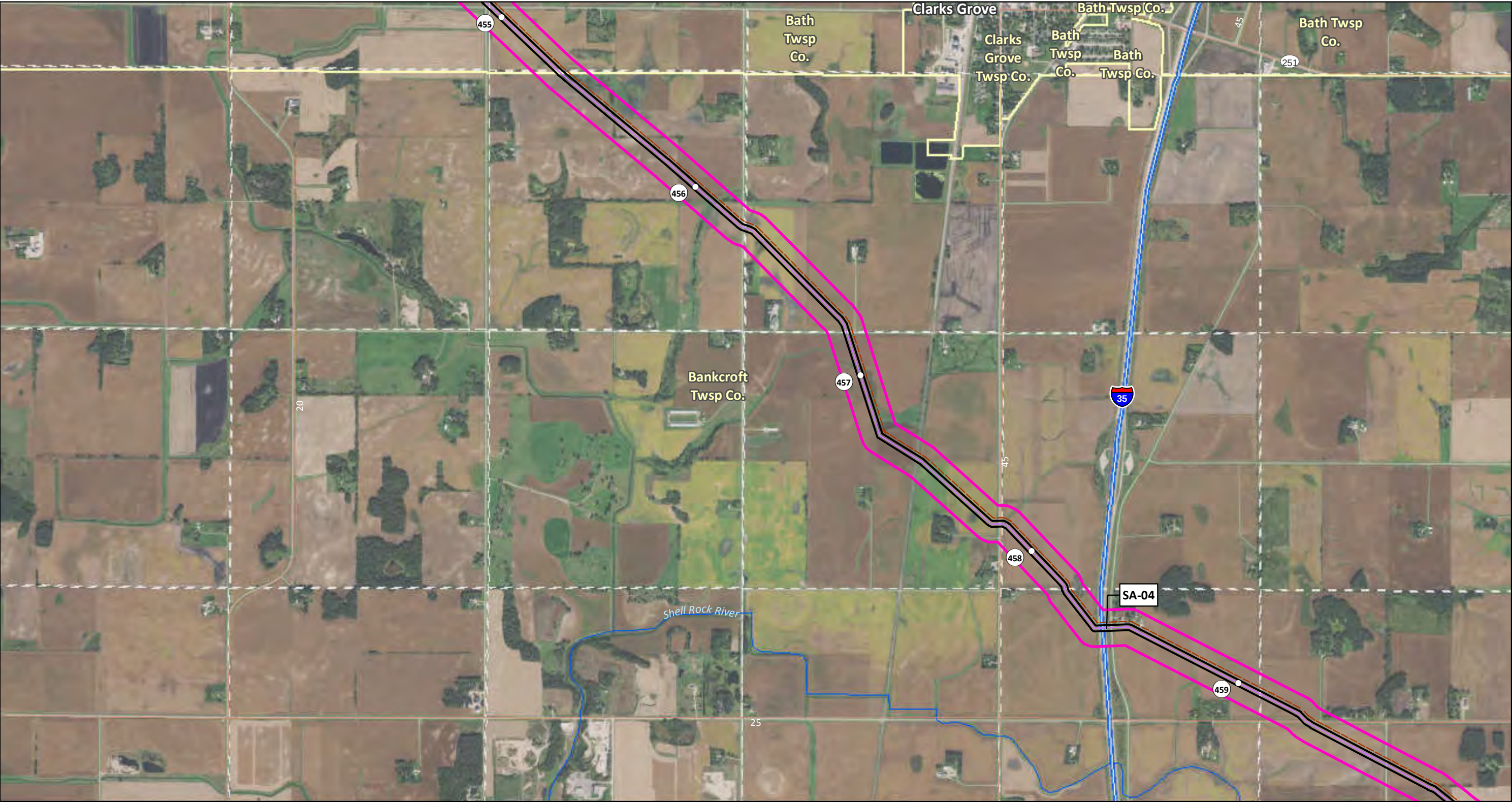
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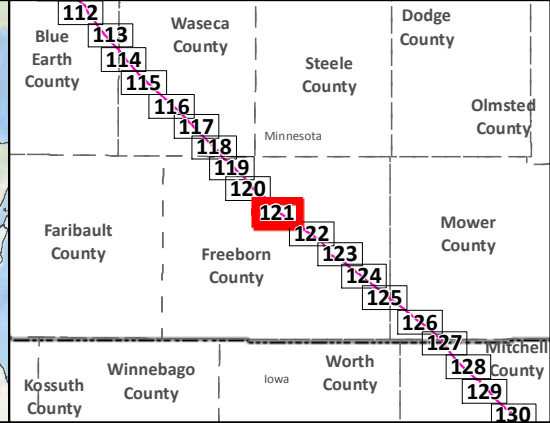
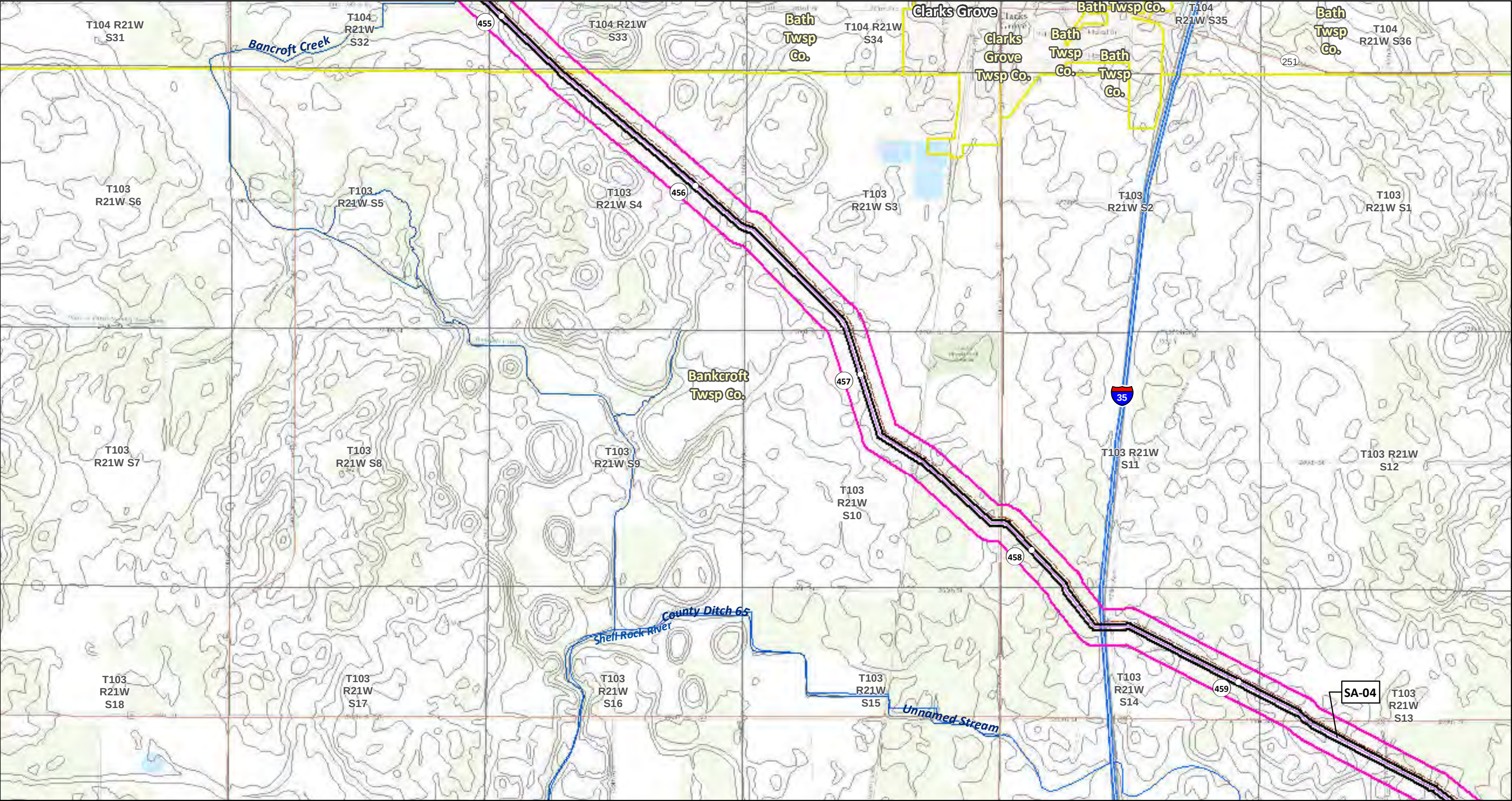
**LINE 3 PROJECT
DETAILED MAP SET
TOPOGRAPHIC**

SA-04

0 0.125 0.25 0.5 Miles
0 125 250 500 Meters 1:24,000
10ft Contours

Map 120B of 188





SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
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- RA-07
- RA-08

Mile Post

Anticipated 120' Construction ROW

Route Width (750')

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- High
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Native Plant Communities with Biodiversity Significance

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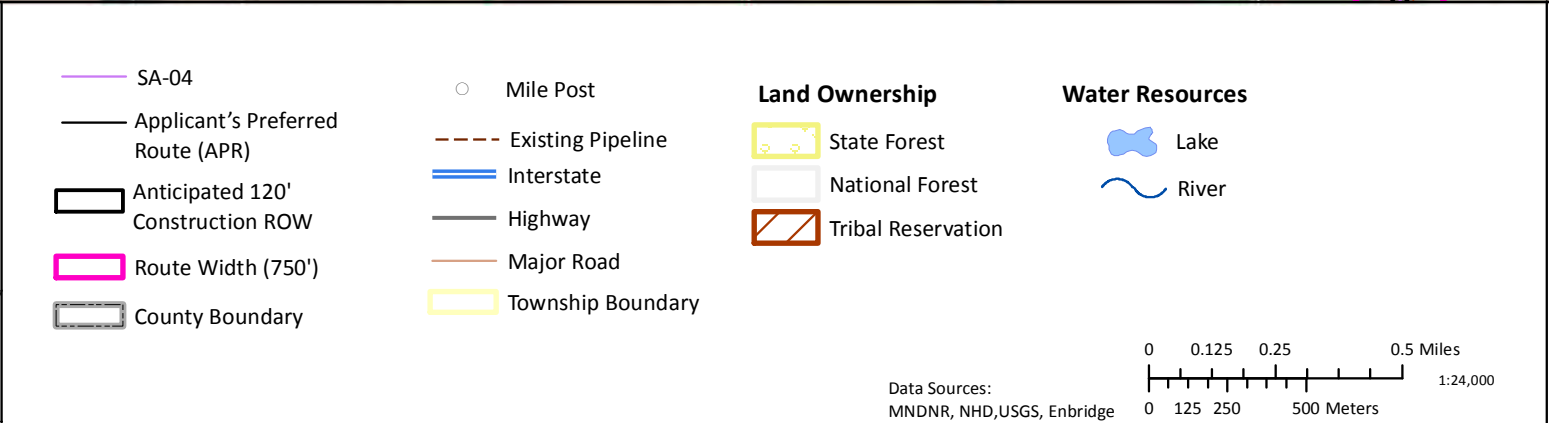
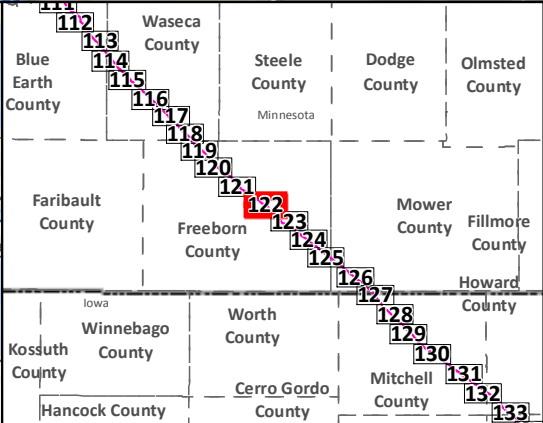
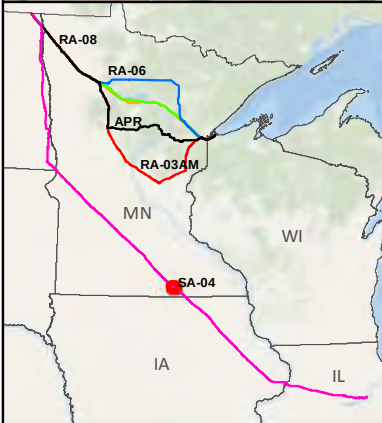
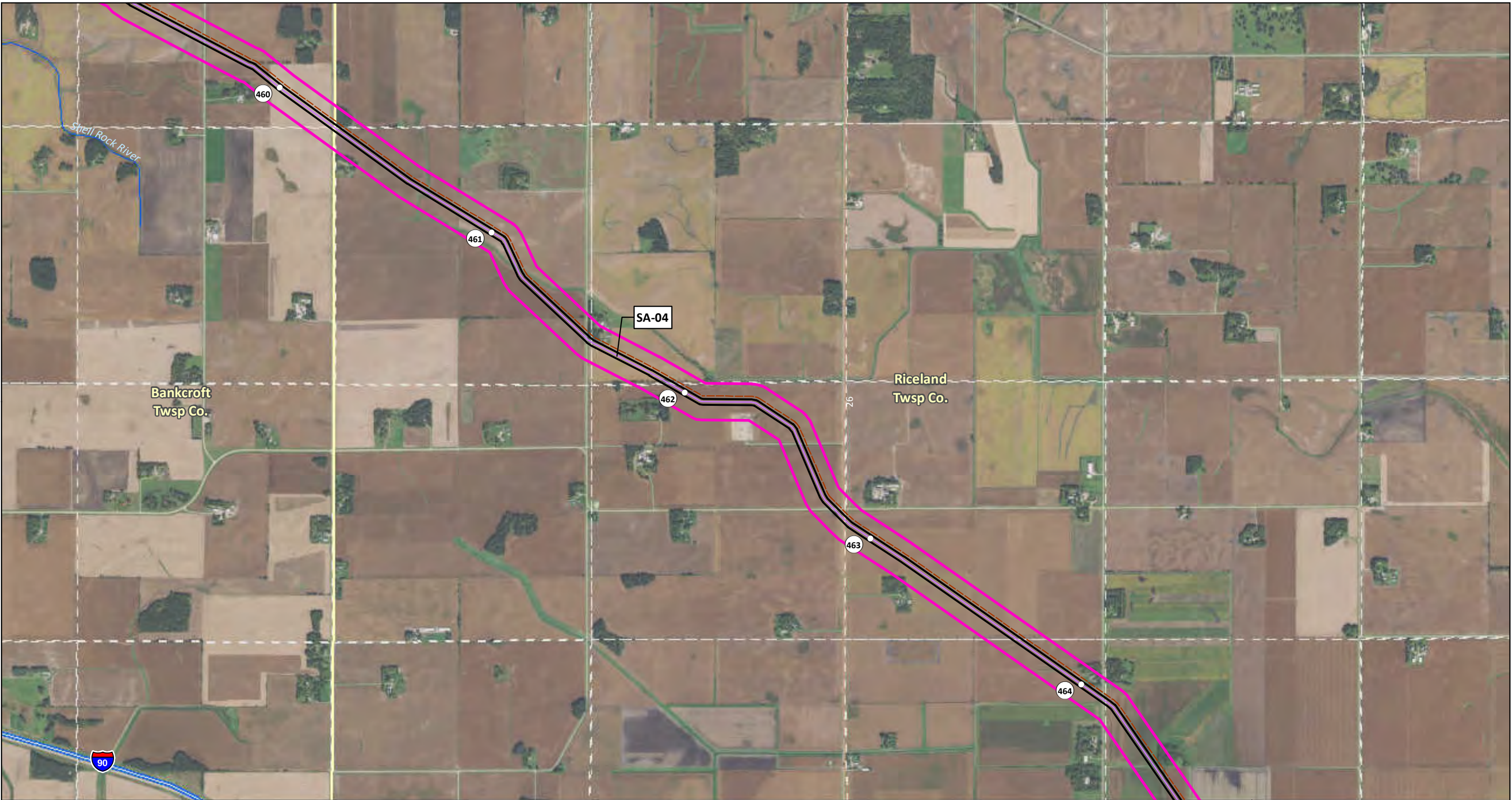
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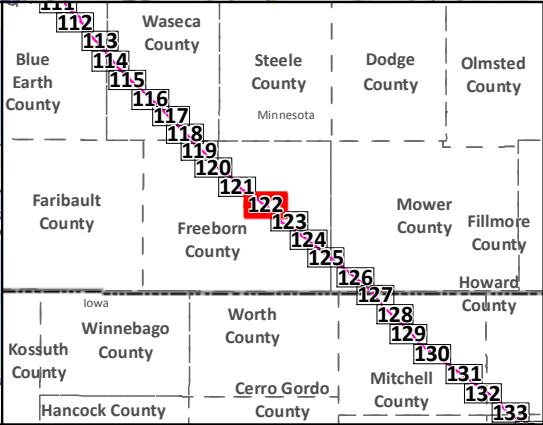
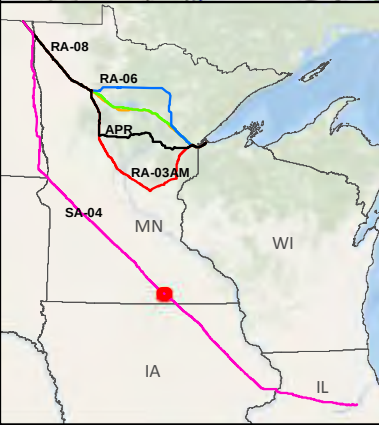
**LINE 3 PROJECT
DETAILED MAP SET
TOPOGRAPHIC**

SA-04

0 0.125 0.25 0.5 Miles
0 125 250 500 Meters
1:24,000
10ft Contours

Map 121B of 188





SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08

Mile Post

Anticipated 120' Construction ROW

Route Width (750')

Existing Pipelines

Township Boundary

State Managed Lands

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- Navigable Waterway Crossings
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Calcareous Fens

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Native Plant Communities with Biodiversity Significance

- Outstanding
- High
- Moderate

Data Sources: MNDNR, USGS, NHD, Enbridge

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0 125 250 500 Meters

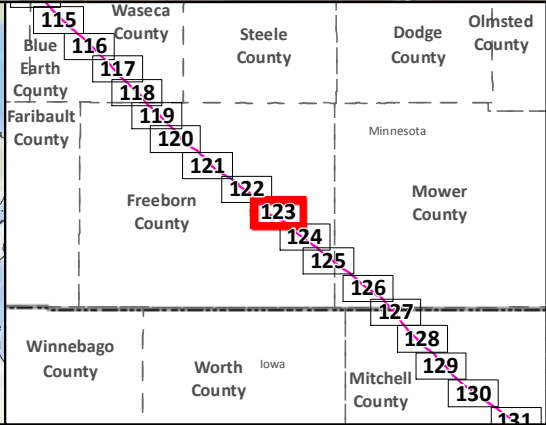
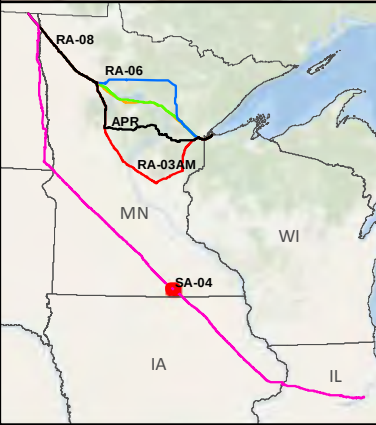
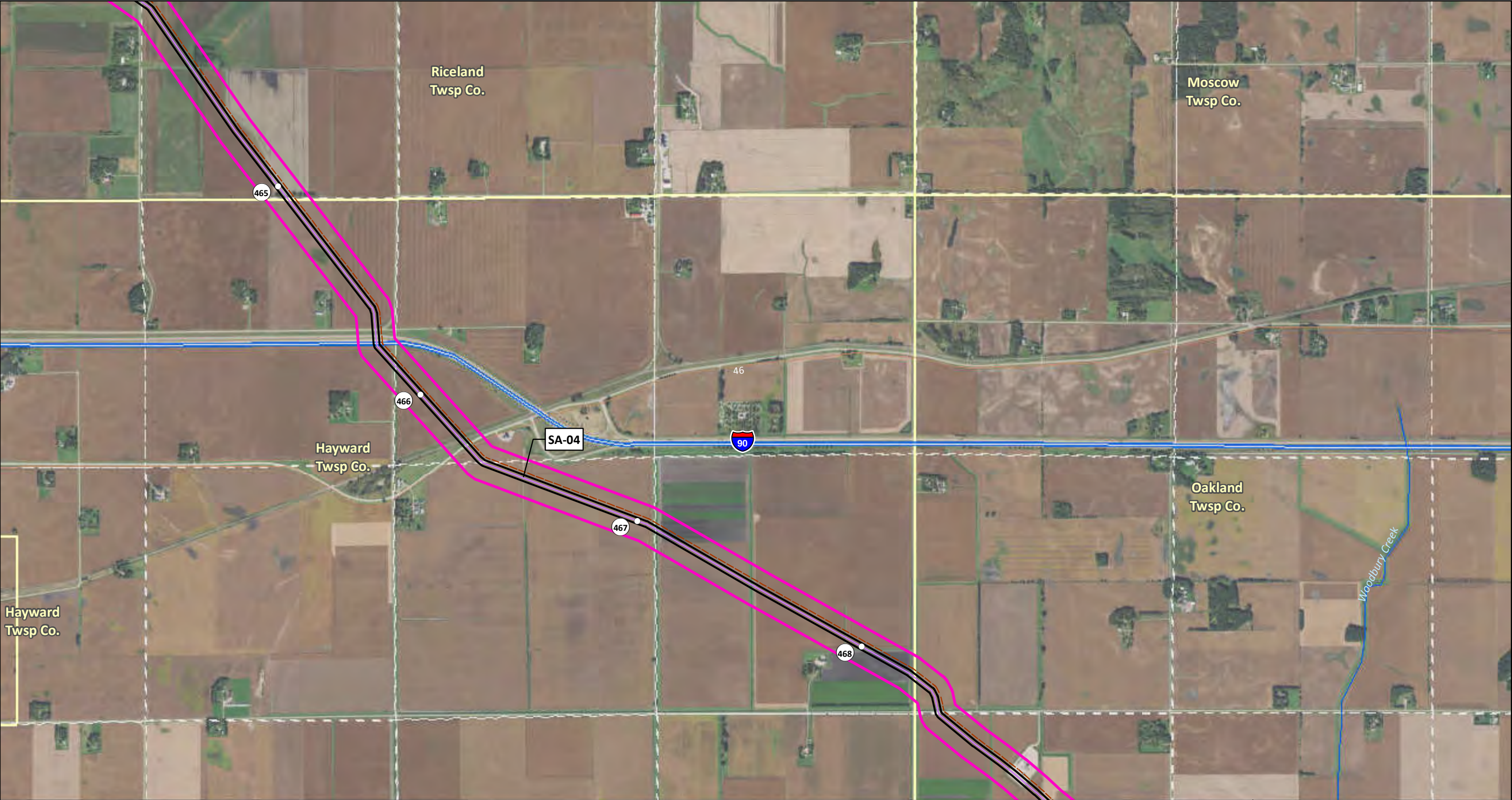
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10ft Contours

Map 122B of 188

SA-04

LINE 3 PROJECT
DETAILED MAP SET
TOPOGRAPHIC

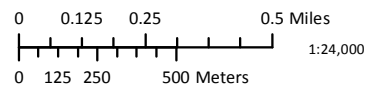


- SA-04
- Applicant's Preferred Route (APR)
- Anticipated 120' Construction ROW
- Route Width (750')
- County Boundary
- Mile Post
- Existing Pipeline
- Interstate
- Highway
- Major Road
- Township Boundary

- Land Ownership**
- State Forest
 - National Forest
 - Tribal Reservation

- Water Resources**
- Lake
 - River

Data Sources:
MNDNR, NHD, USGS, Enbridge

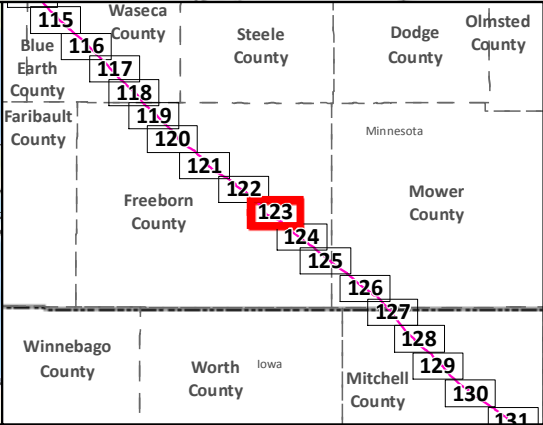
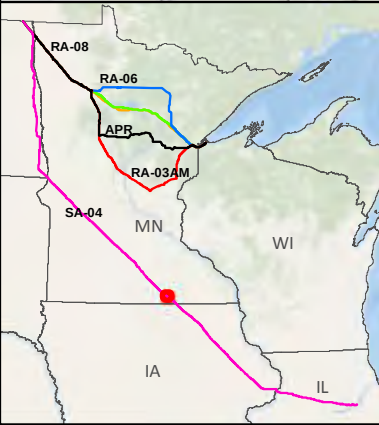


**LINE 3 PROJECT
DETAILED MAP SET
AERIAL**

SA-04

Map 123A of 188





SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08

Mile Post

Anticipated 120' Construction ROW

Route Width (750')

Existing Pipelines

Township Boundary

State Managed Lands

- WMA - Wildlife Management Areas
- Wildlife Refuge Inventory
- SNA - Scientific and Natural Area

Water Resources

- Navigable Waterway Crossings
- National River Inventory Crossing

Public Waters Watercourse

303d Impaired Waters

Designated Trout Stream

Calcareous Fens

Wild Rice Lakes (DNR)

Public Waters Wetlands

Public Water Basin

Public Drinking Water Supply

Wellhead Protection Area (WHPA)

Lakes of Biological Significance

- Outstanding
- High
- Moderate

Native Plant Communities with Biodiversity Significance

- Outstanding
- High
- Moderate

Data Sources: MNDNR, USGS, NHD, Enbridge

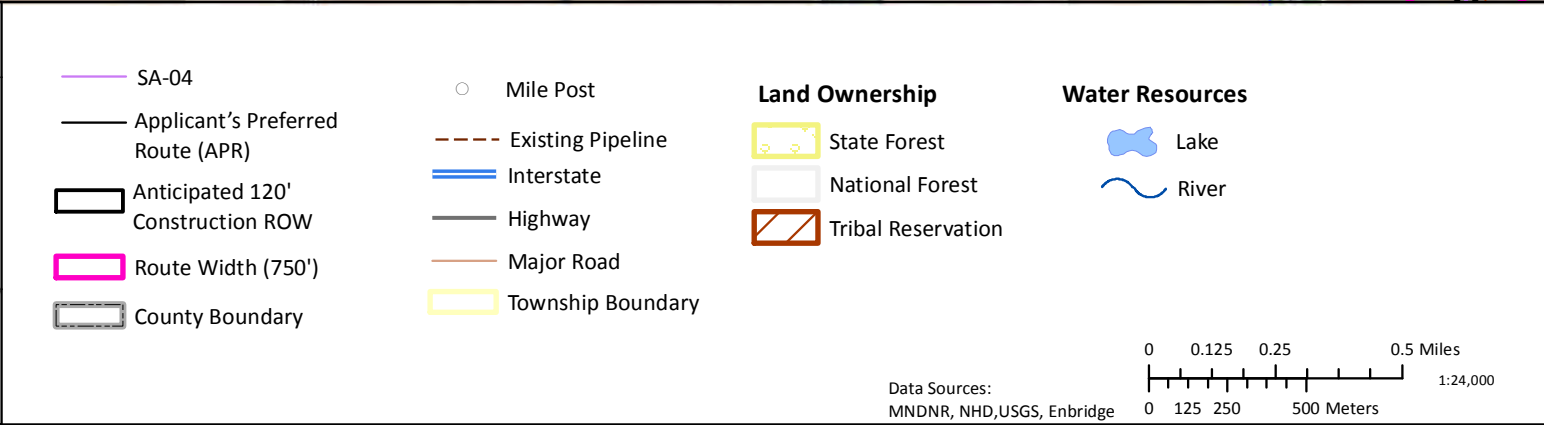
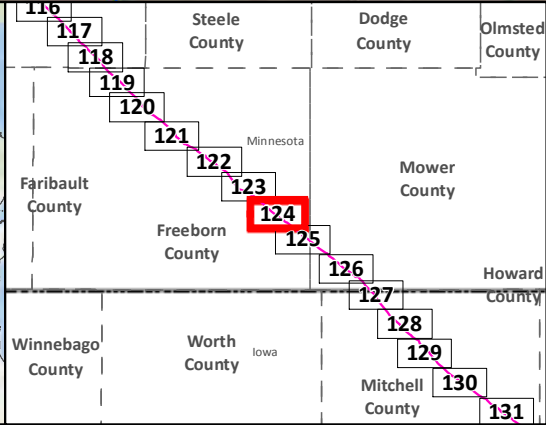
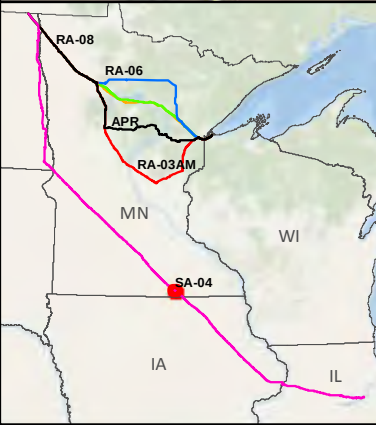
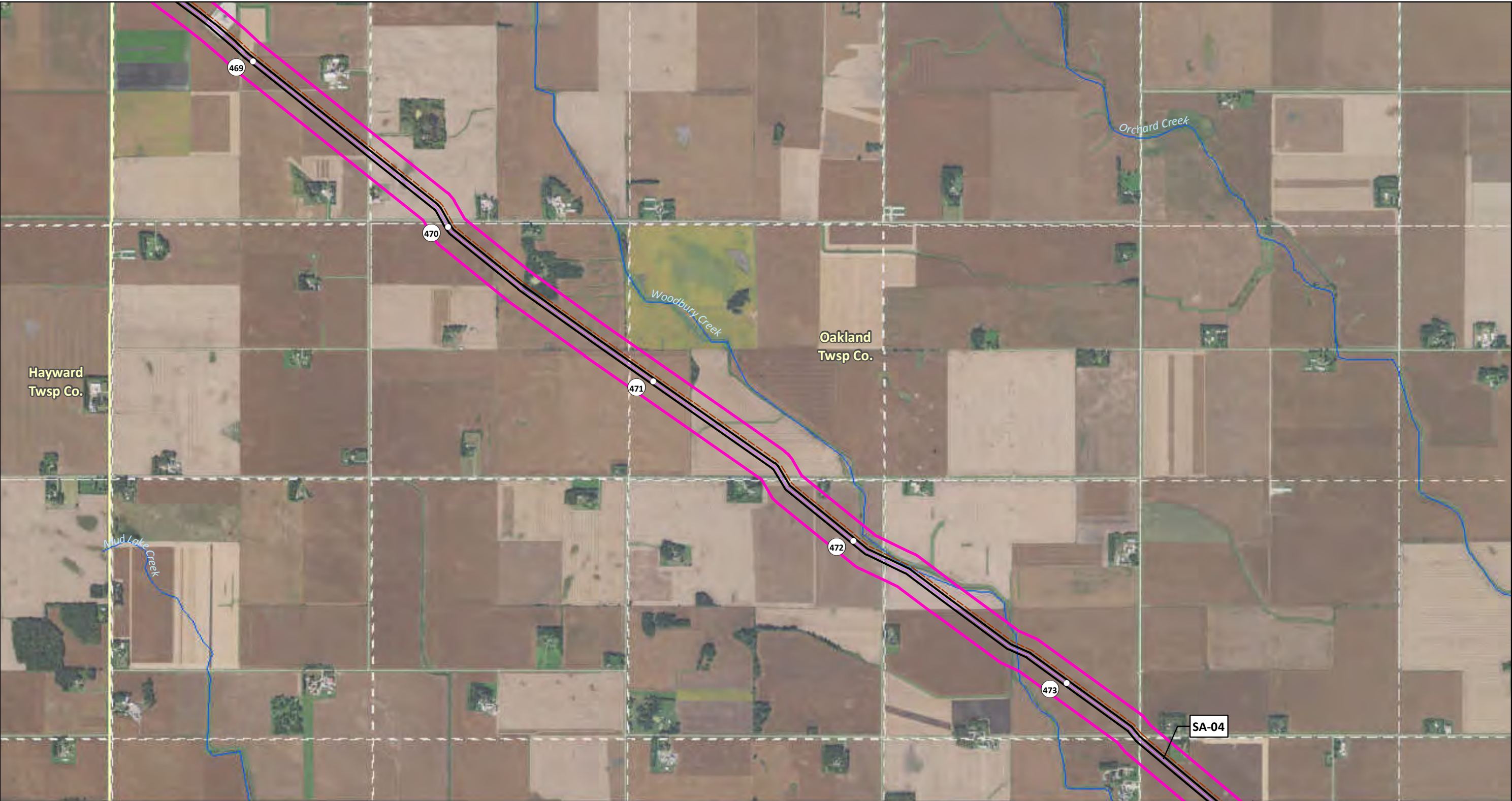
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TOPOGRAPHIC**

SA-04

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0 125 250 500 Meters 1:24,000
10ft Contours

Map 123B of 188

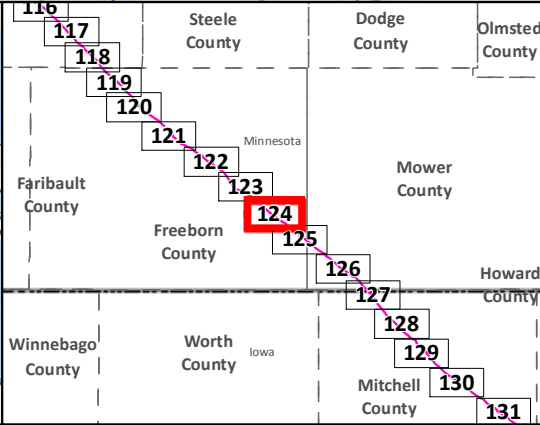
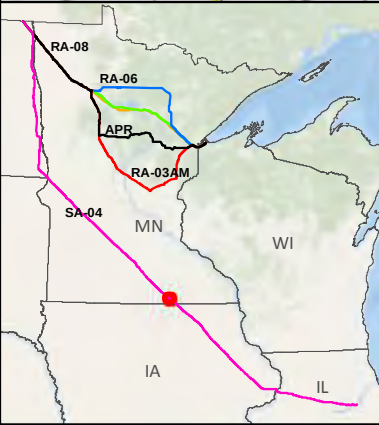
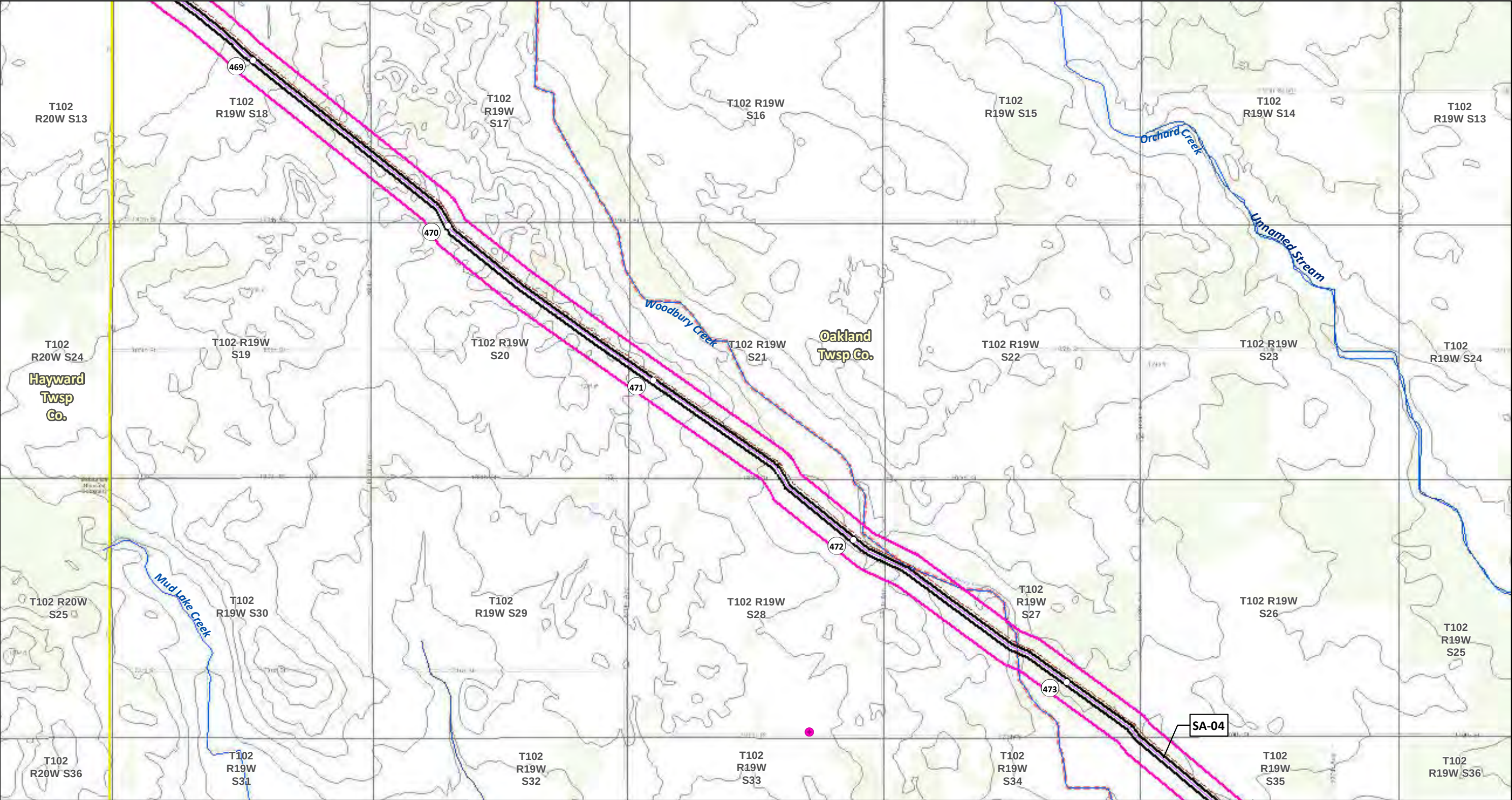
North Arrow



**LINE 3 PROJECT
DETAILED MAP SET
AERIAL**

SA-04

Map 124A of 188



SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08

Mile Post

Anticipated 120' Construction ROW

Route Width (750')

Existing Pipelines

Township Boundary

State Managed Lands

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Public Water Basin

Public Drinking Water Supply

Wellhead Protection Area (WHPA)

Lakes of Biological Significance

- Outstanding
- High
- Moderate

Native Plant Communities with Biodiversity Significance

- Outstanding
- High
- Moderate

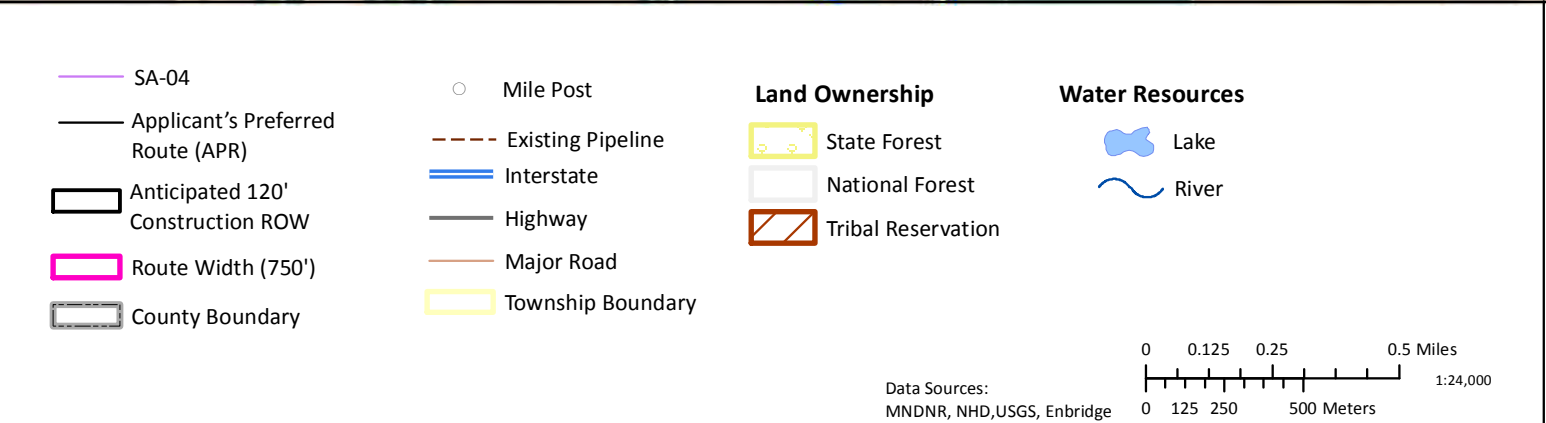
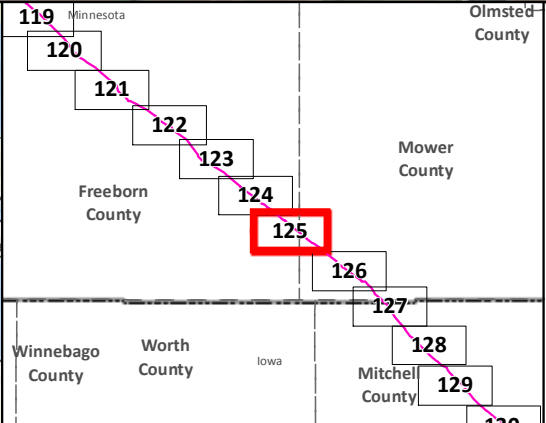
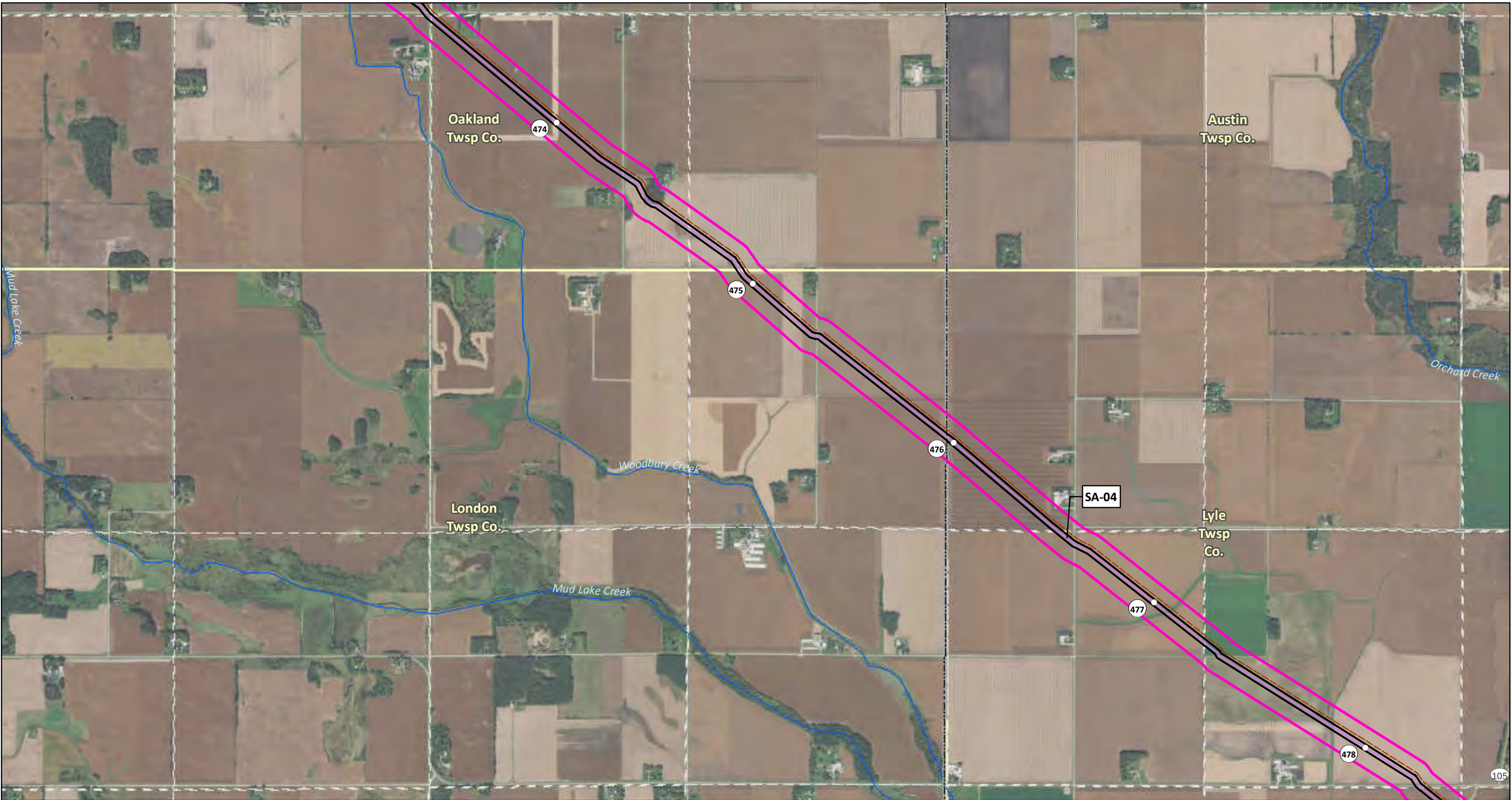
Data Sources: MNDNR, USGS, NHD, Enbridge

**LINE 3 PROJECT
DETAILED MAP SET
TOPOGRAPHIC**

SA-04

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10ft Contours

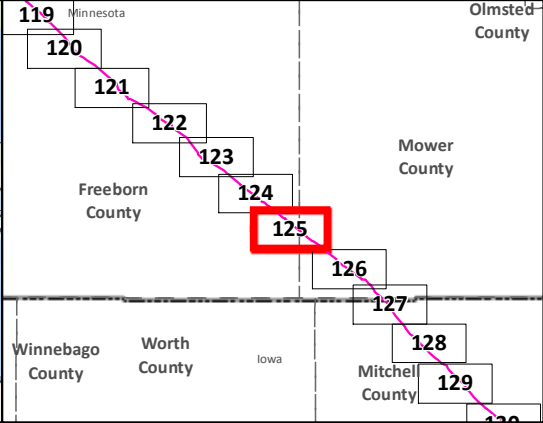
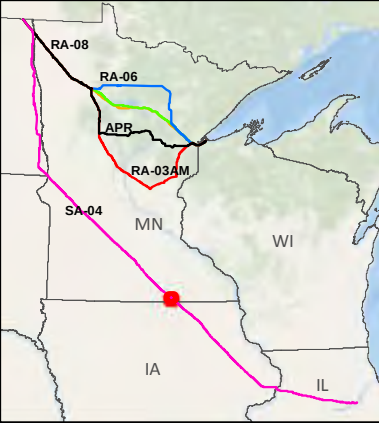
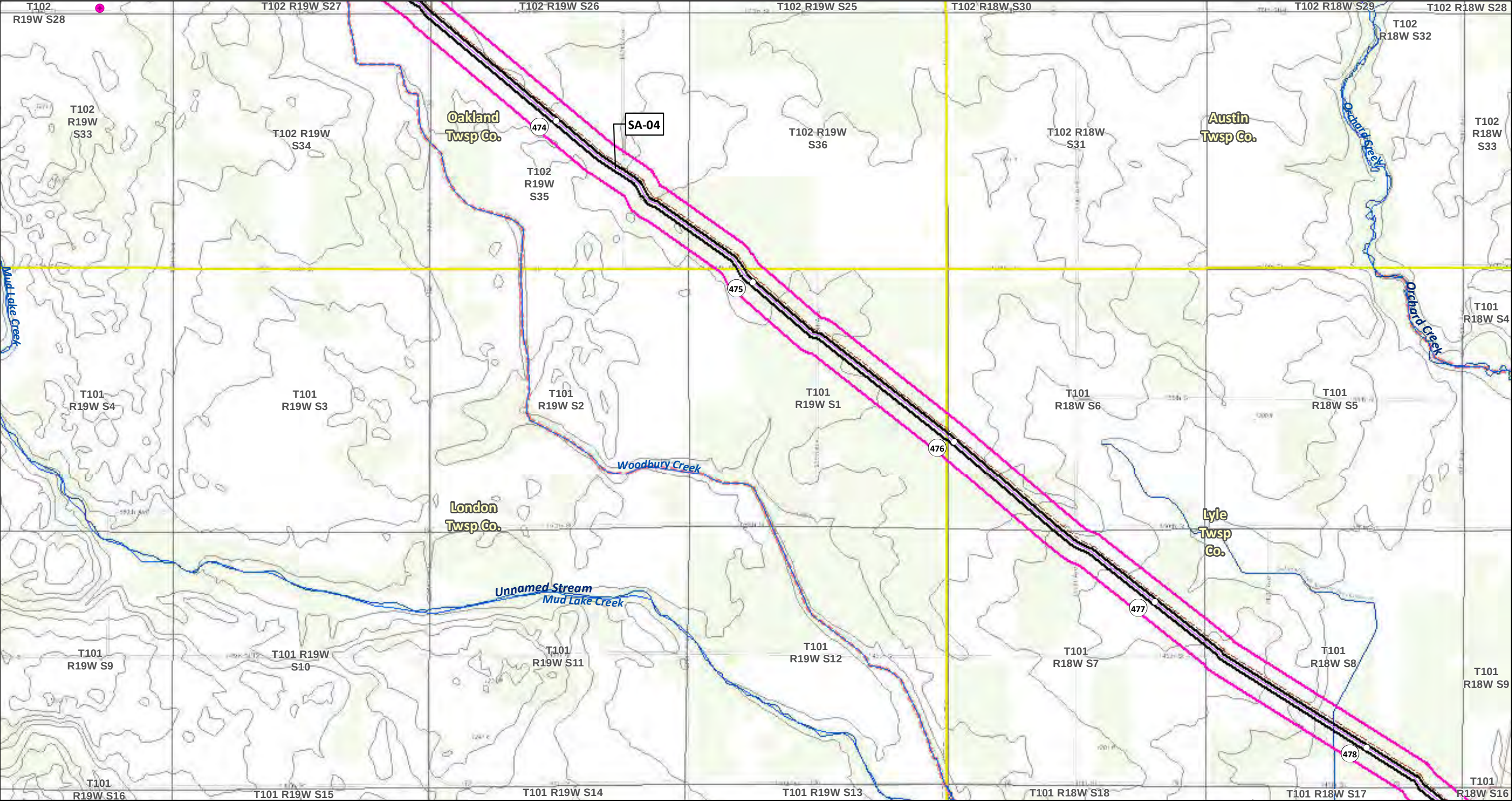
Map 124B of 188



**LINE 3 PROJECT
DETAILED MAP SET
AERIAL**

SA-04

Map 125A of 188



SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08

Mile Post

Anticipated 120' Construction ROW

Route Width (750')

Existing Pipelines

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Wild Rice Lakes (DNR)

Public Waters Wetlands

Public Water Basin

Public Drinking Water Supply

Wellhead Protection Area (WHPA)

Lakes of Biological Significance

- Outstanding
- High
- Moderate

Native Plant Communities with Biodiversity Significance

- Outstanding
- High
- Moderate

Data Sources: MNDNR, USGS, NHD, Enbridge

**LINE 3 PROJECT
DETAILED MAP SET
TOPOGRAPHIC**

SA-04

0 0.125 0.25 0.5 Miles
0 125 250 500 Meters
1:24,000
10ft Contours

Map 125B of 188