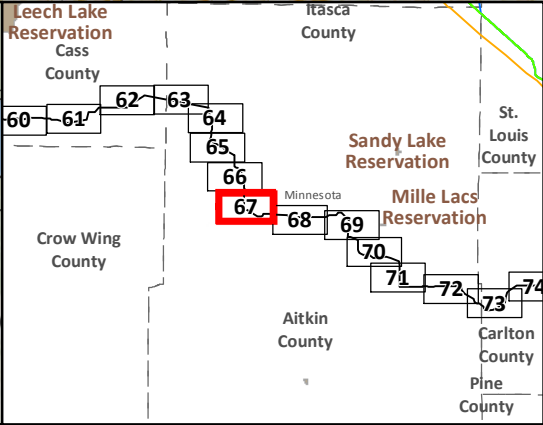
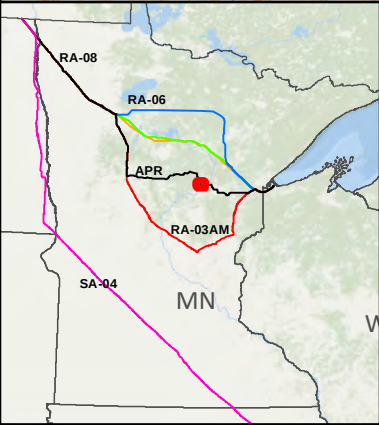
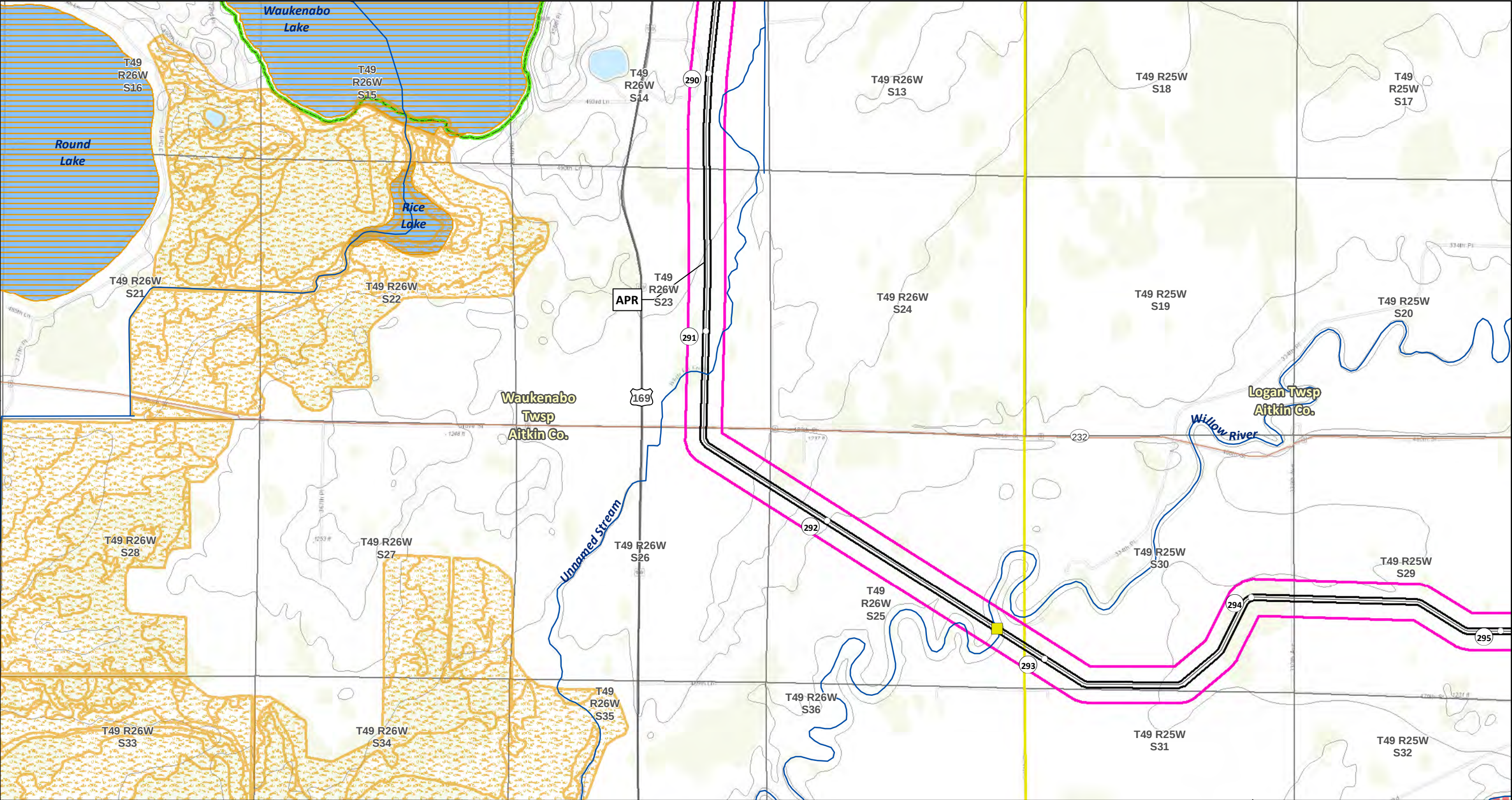




SA-04

Applicant's Preferred Route (APR)

RA-03AM

RA-06

RA-07

RA-08

Mile Post

Anticipated 120' Construction ROW

Route Width (750')

Route Segment Alternatives (RSA)

Existing Pipelines

Township Boundary

WMA - Wildlife Management Areas

Wildlife Refuge Inventory

SNA - Scientific and Natural Area

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

Terminal

Pump Station

Data Sources:

MNDNR, USGS, NHD, Enbridge

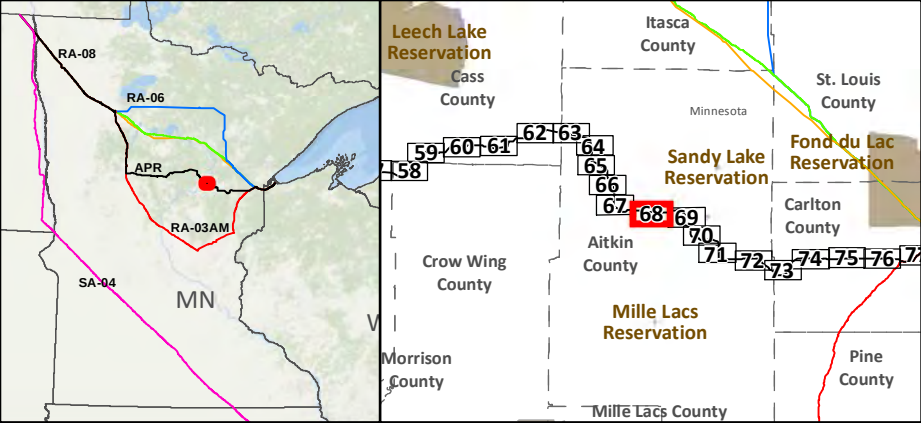
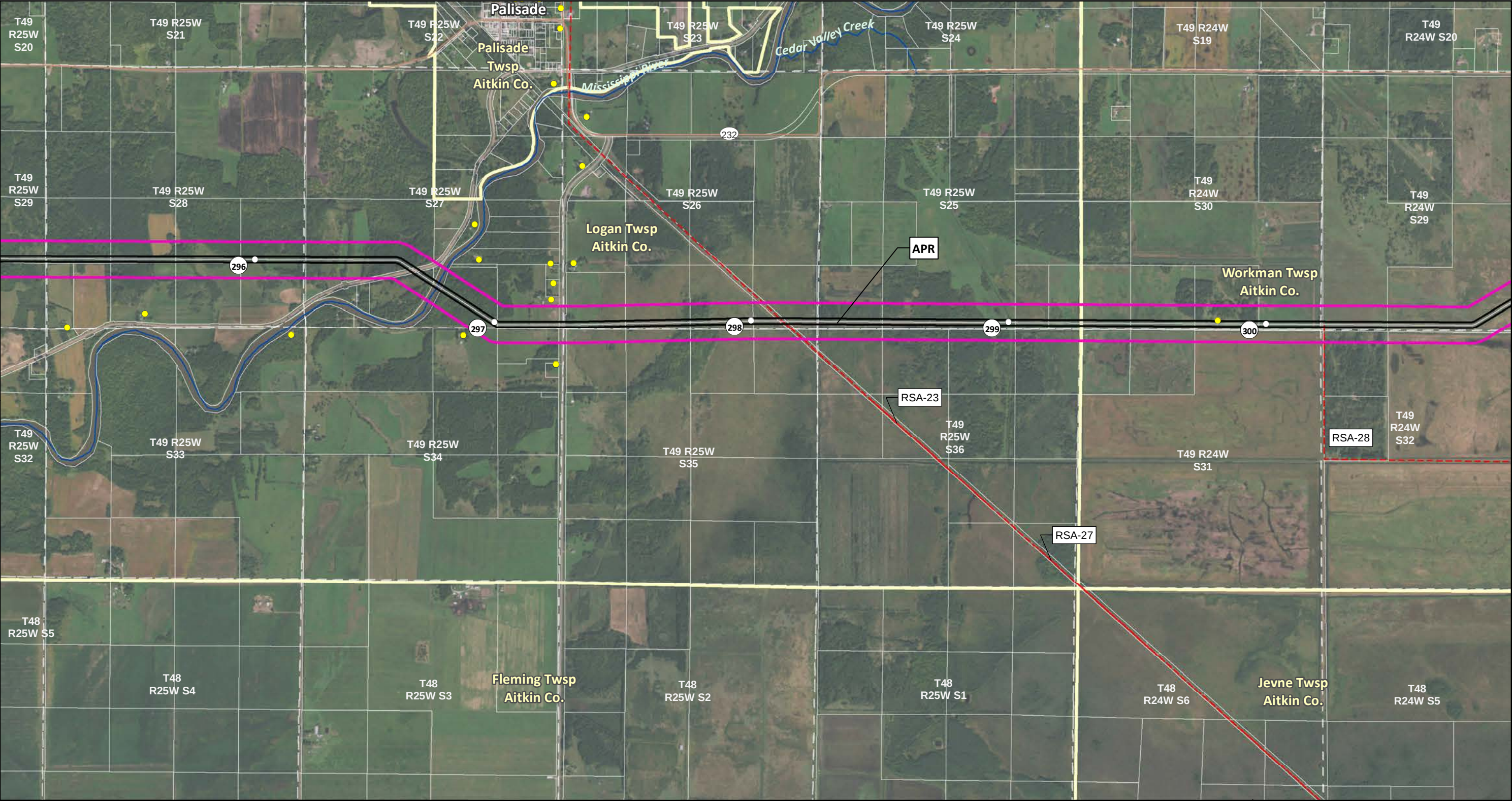
LINE 3 PROJECT
DETAILED MAP SET
TOPOGRAPHIC

APR

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

1:24,000

Map 67B of 82



SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08
- Existing Pipelines
- Route Segment Alternatives (RSA)

Anticipated 120' Construction ROW

Route Width (750')

County Boundary

Parcels

Public Water Basin

Public Waters Watercourse

Township Boundary

Residences within 1/2 mile

Mile Post

Terminal

Pump Station

Interstate

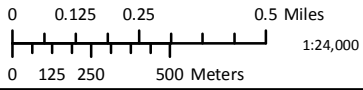
Highway

Major Road

Land Ownership

- State Forest
- National Forest
- Tribal Reservation
- Tribal Trust Land
- White Earth Reservation - BIA

Data Sources:
MNDNR, NHD, Enbridge

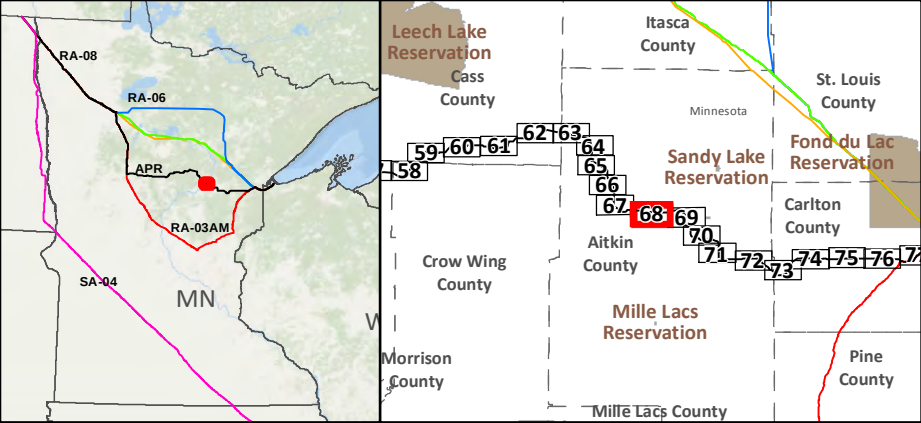
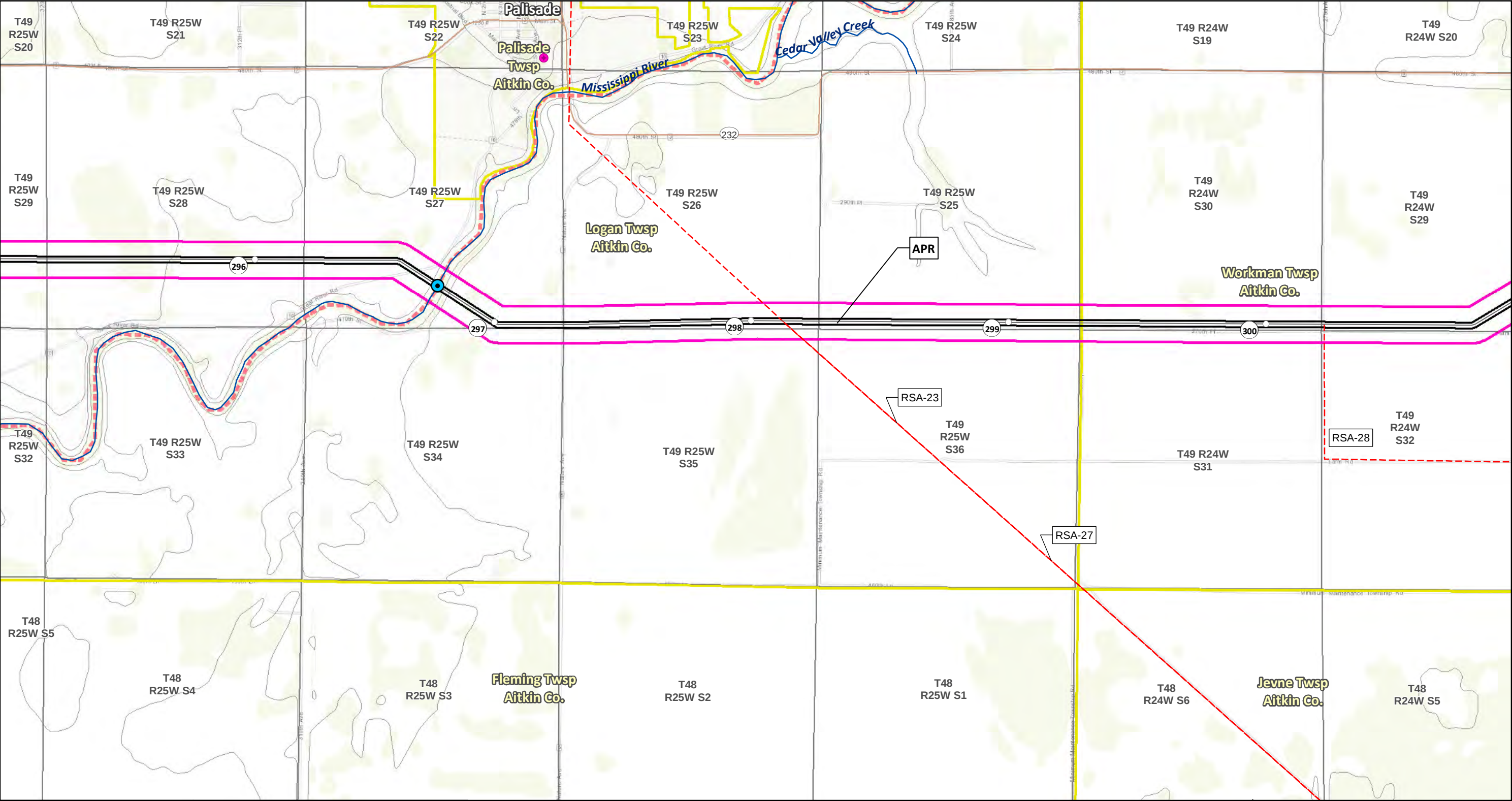


**LINE 3 PROJECT
DETAILED MAP SET
AERIAL**

APR

Map 68A of 82

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')

Route Segment Alternatives (RSA)

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

Terminal

Pump Station

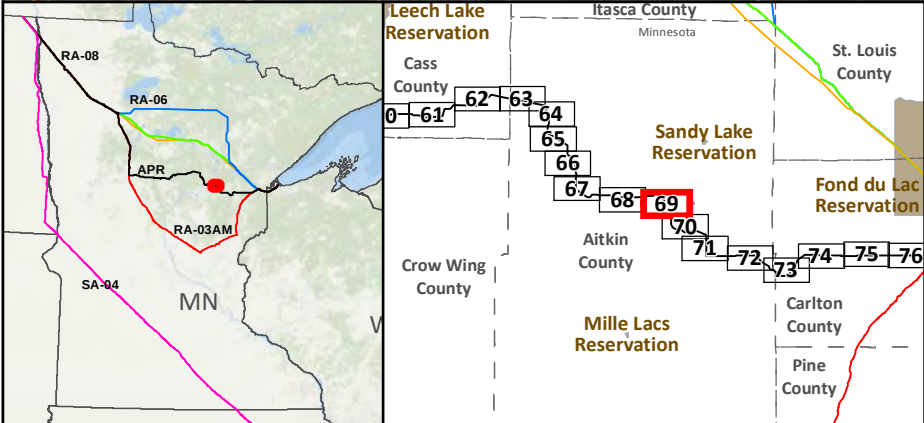
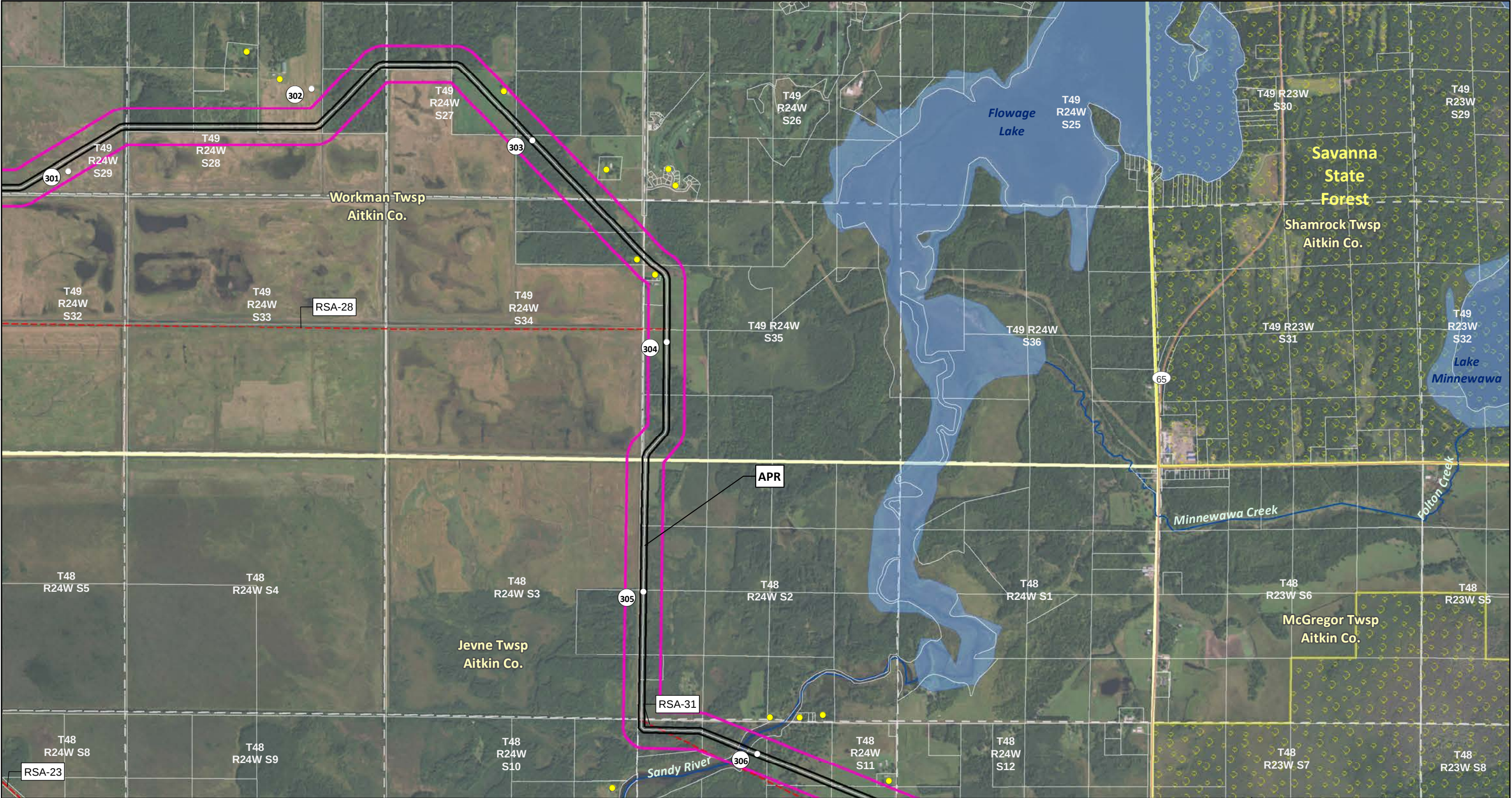
Data Sources: MNDNR, USGS, NHD, Enbridge

**LINE 3 PROJECT
DETAILED MAP SET
TOPOGRAPHIC**

APR

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

Map 68B of 82



SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08
- Existing Pipelines
- Route Segment Alternatives (RSA)

Anticipated 120' Construction ROW

Route Width (750')

County Boundary

Parcels

Public Water Basin

Public Waters Watercourse

Township Boundary

Residences within 1/2 mile

Mile Post

Terminal

Pump Station

Interstate

Highway

Major Road

Land Ownership

- State Forest
- National Forest
- Tribal Reservation
- Tribal Trust Land
- White Earth Reservation - BIA

Data Sources: MNDNR, NHD, Enbridge

0 0.125 0.25 0.5 Miles

0 125 250 500 Meters

1:24,000

LINE 3 PROJECT

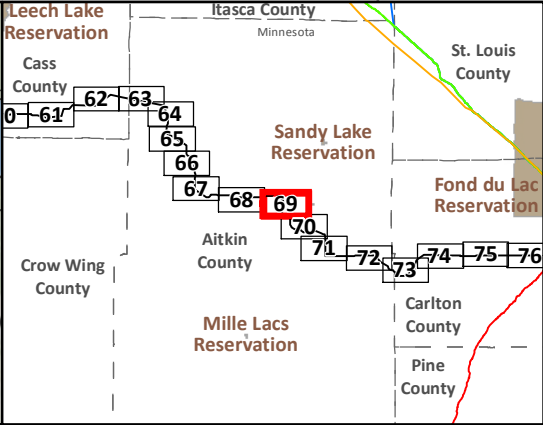
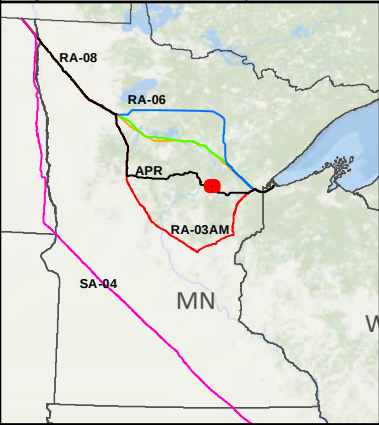
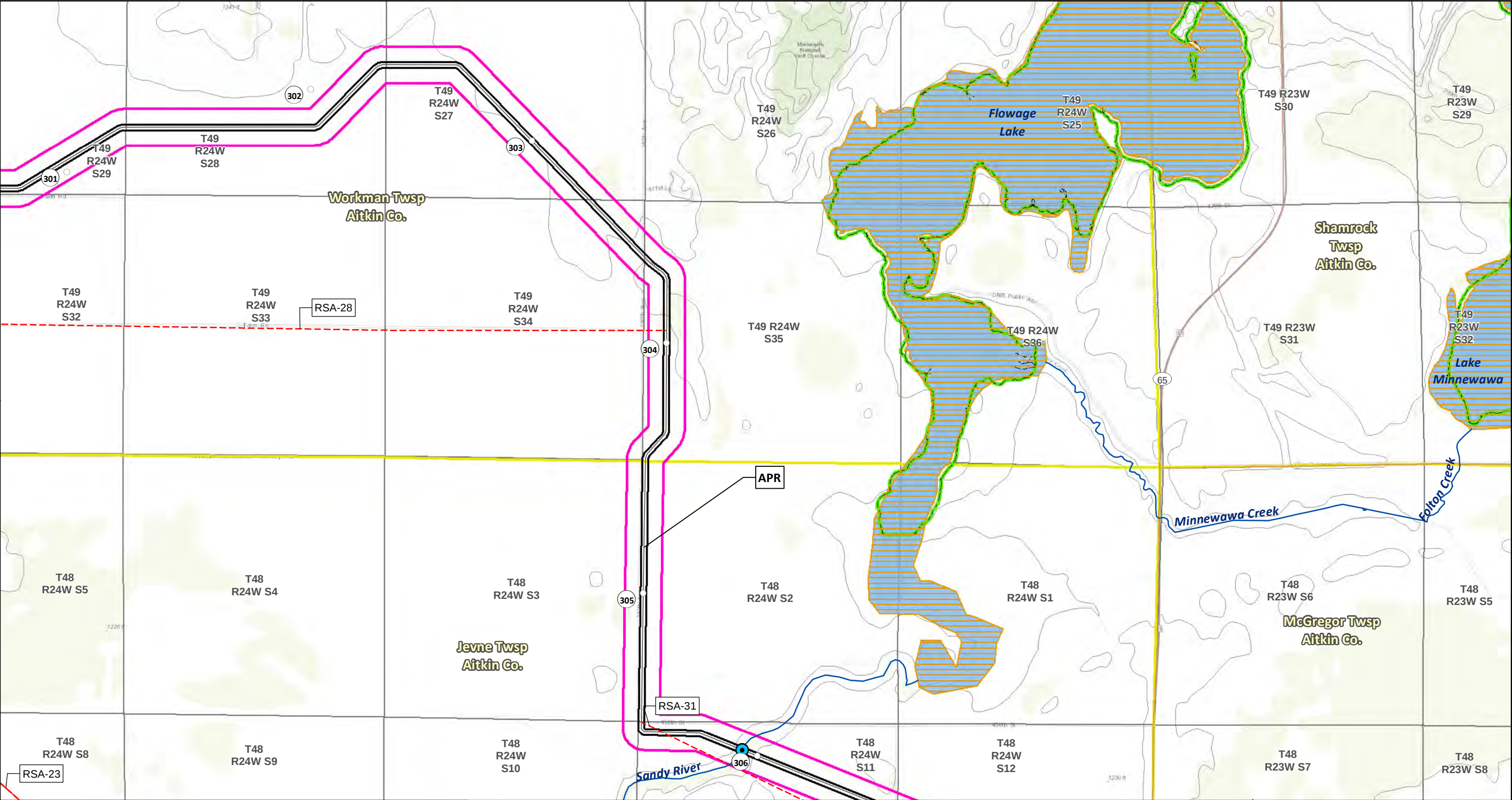
DETAILED MAP SET

AERIAL

APR

Map 69A of 82

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')

Route Segment Alternatives (RSA)

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

Terminal

Pump Station

Data Sources: MNDNR, USGS, NHD, Enbridge

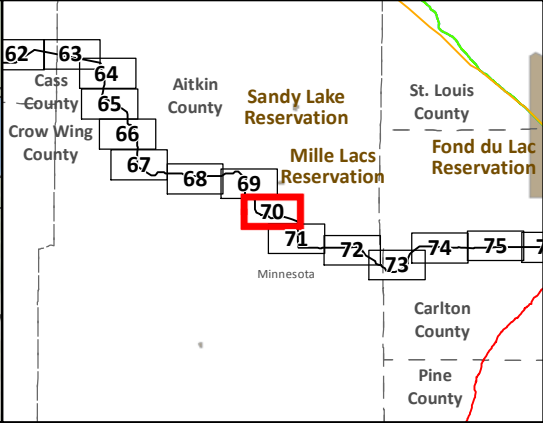
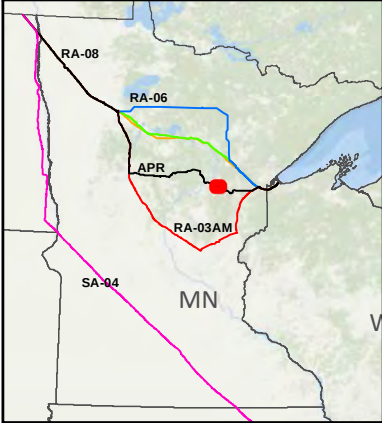
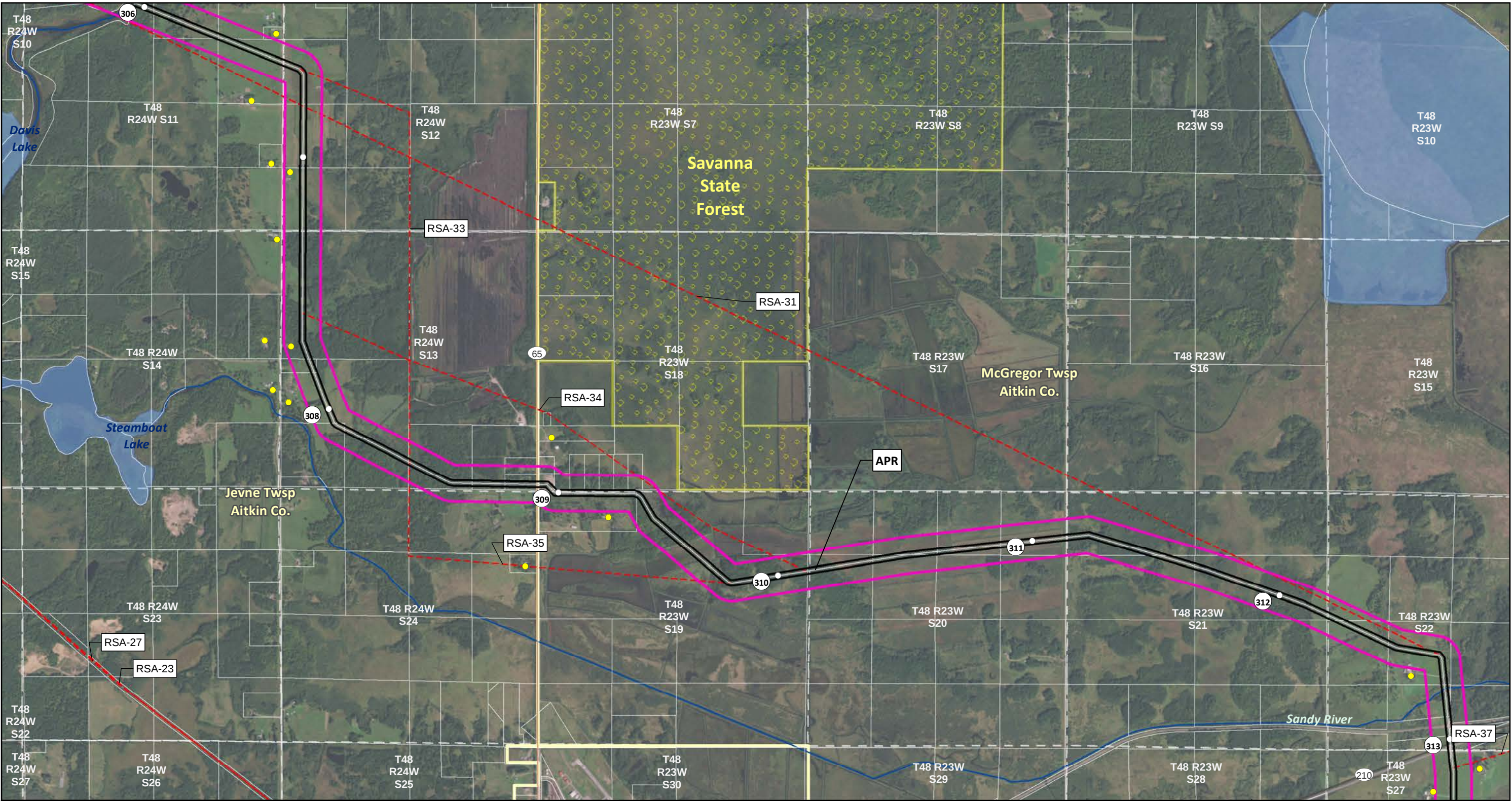
**LINE 3 PROJECT
DETAILED MAP SET
TOPOGRAPHIC**

APR

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

Map 69B of 82

North Arrow



SA-04

Applicant's Preferred Route (APR)

Route Alternatives

RA-03AM

RA-06

RA-07

RA-08

Existing Pipelines

Route Segment Alternatives (RSA)

Anticipated 120' Construction ROW

Route Width (750')

County Boundary

Parcels

Public Water Basin

Public Waters Watercourse

Township Boundary

Residences within 1/2 mile

Mile Post

Terminal

Pump Station

Interstate

Highway

Major Road

Land Ownership

State Forest

National Forest

Tribal Reservation

Tribal Trust Land

White Earth Reservation - BIA

Data Sources:

MNDNR, NHD, Enbridge

0 0.125 0.25 0.5 Miles

0 125 250 500 Meters

1:24,000

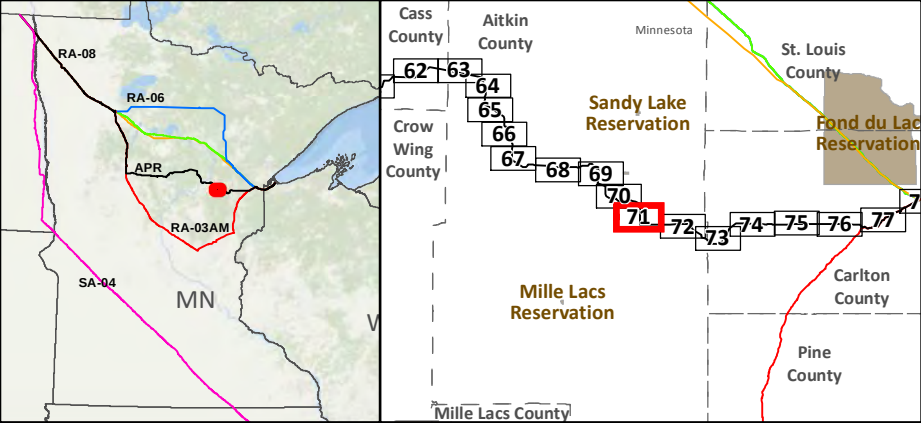
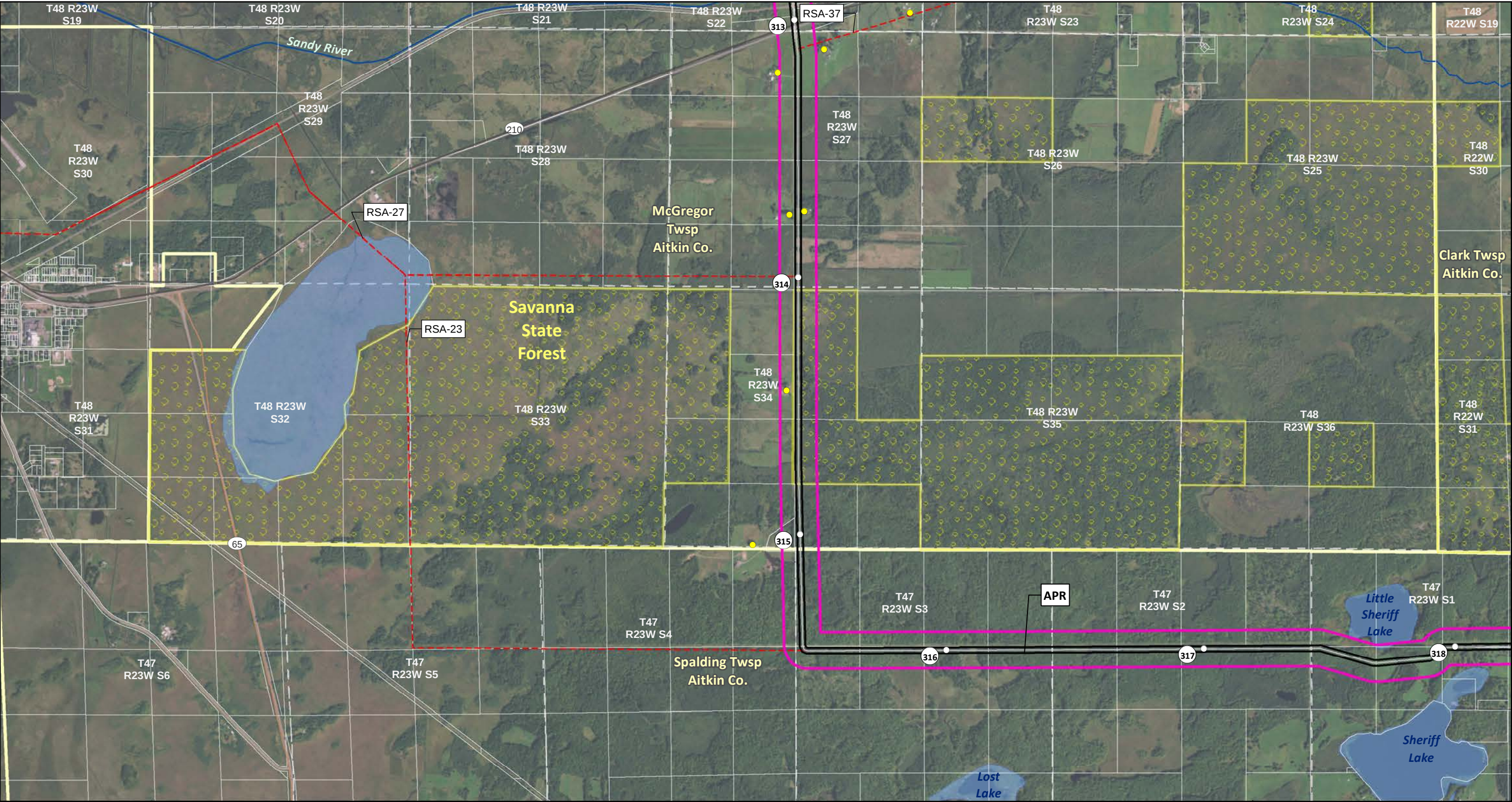
LINE 3 PROJECT

DETAILED MAP SET

AERIAL

APR

Map 70A of 82



SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08
- Existing Pipelines
- Route Segment Alternatives (RSA)

Anticipated 120' Construction ROW

Route Width (750')

County Boundary

Parcels

Public Water Basin

Public Waters Watercourse

Township Boundary

Residences within 1/2 mile

Mile Post

Terminal

Pump Station

Interstate

Highway

Major Road

Land Ownership

- State Forest
- National Forest
- Tribal Reservation
- Tribal Trust Land
- White Earth Reservation - BIA

Data Sources: MNDNR, NHD, Enbridge

0 0.125 0.25 0.5 Miles

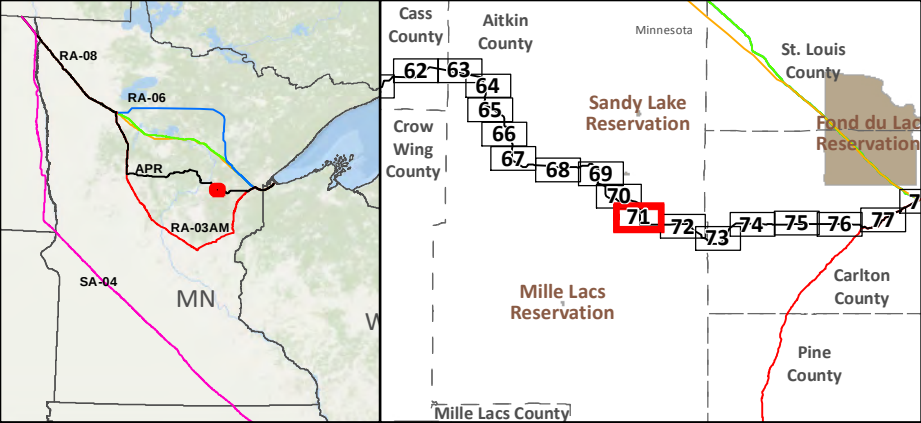
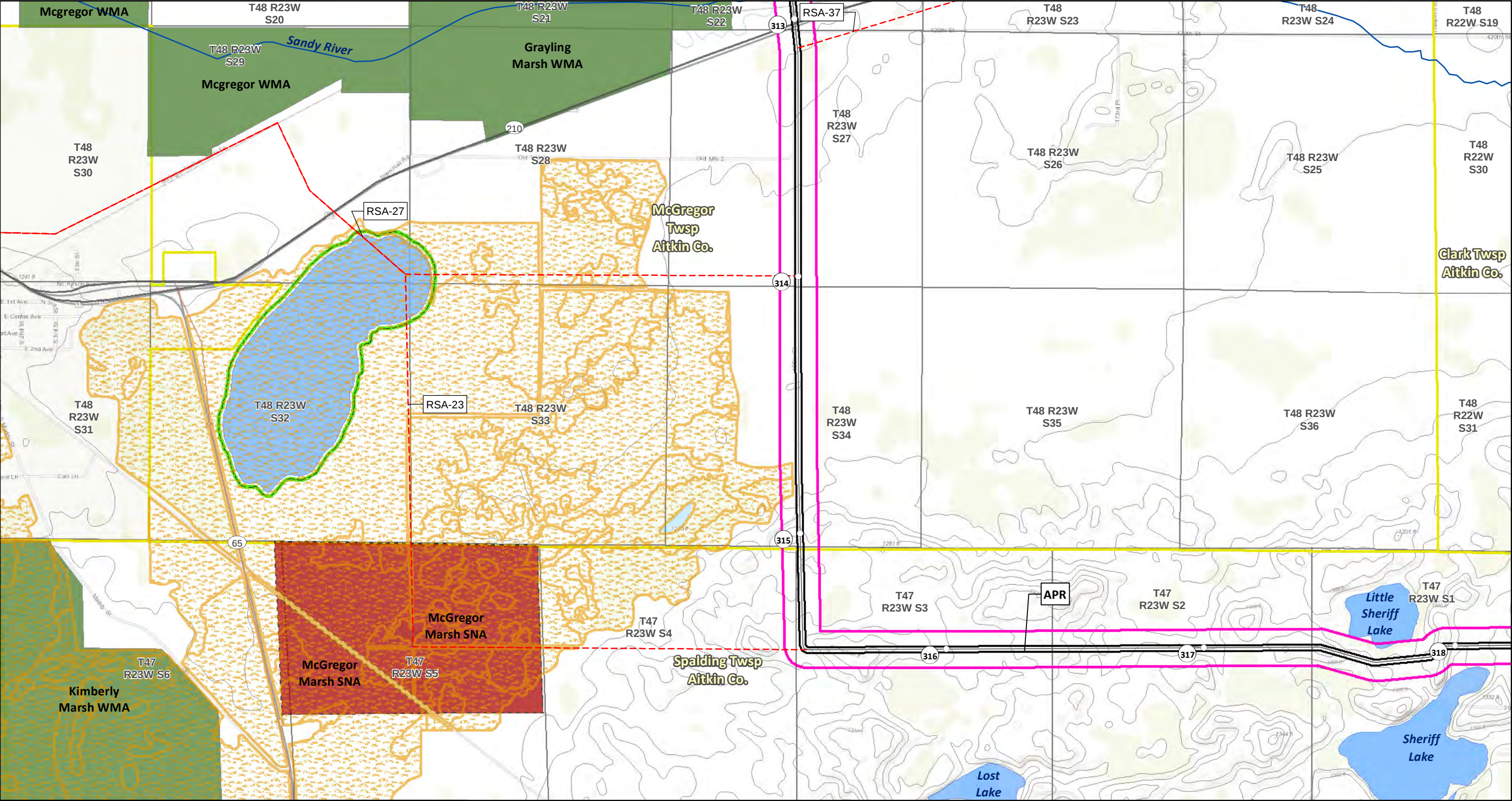
0 125 250 500 Meters

1:24,000

**LINE 3 PROJECT
DETAILED MAP SET
AERIAL**

APR

Map 71A of 82



Route Alternatives

- SA-04
- Applicant's Preferred Route (APR)
- RA-03AM
- RA-06
- RA-07
- RA-08
- Mile Post
- Anticipated 120' Construction ROW
- Route Width (750')

State Managed Lands

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

Water Resources

- Navigable Waterway Crossings
- National River Inventory Crossing

Route Segment Alternatives (RSA)

- Existing Pipelines
- Township Boundary

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

Terminal

- Pump Station

Data Sources: MNDNR, USGS, NHD, Enbridge

**LINE 3 PROJECT
DETAILED MAP SET
TOPOGRAPHIC**

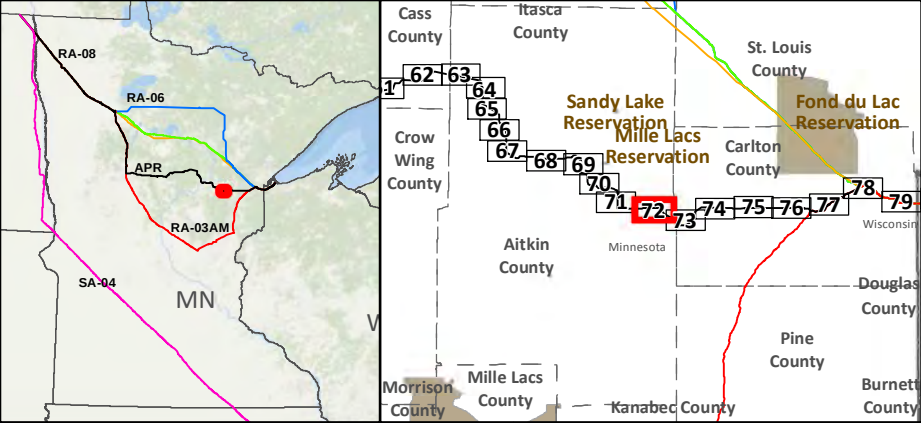
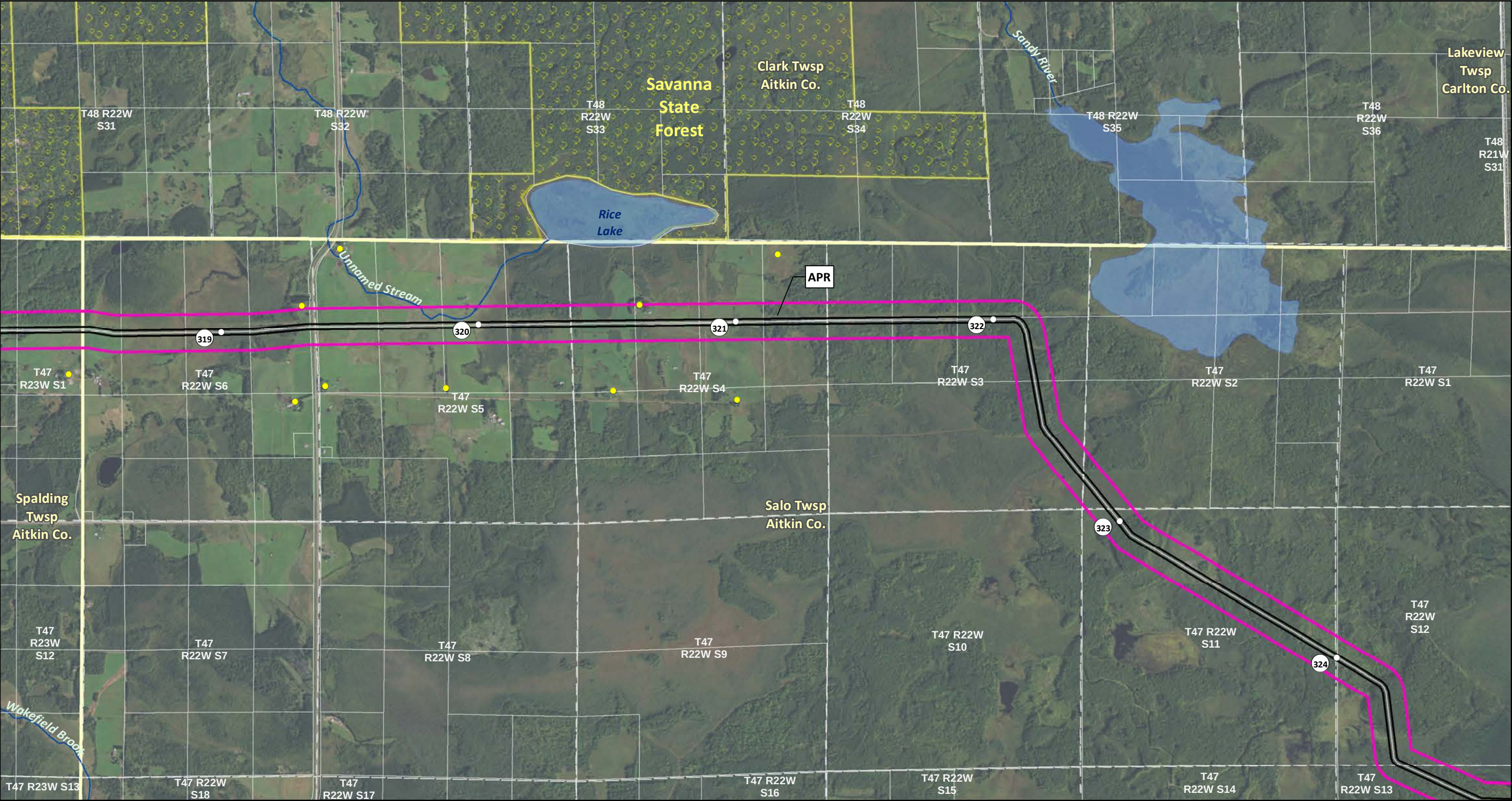
APR

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

1:24,000

Map 71B of 82

North Arrow



SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08
- Existing Pipelines
- Route Segment Alternatives (RSA)

Anticipated 120' Construction ROW

Route Width (750')

County Boundary

Parcels

Public Water Basin

Public Waters Watercourse

Township Boundary

Residences within 1/2 mile

Mile Post

Terminal

Pump Station

Interstate

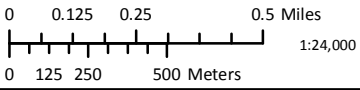
Highway

Major Road

Land Ownership

- State Forest
- National Forest
- Tribal Reservation
- Tribal Trust Land
- White Earth Reservation - BIA

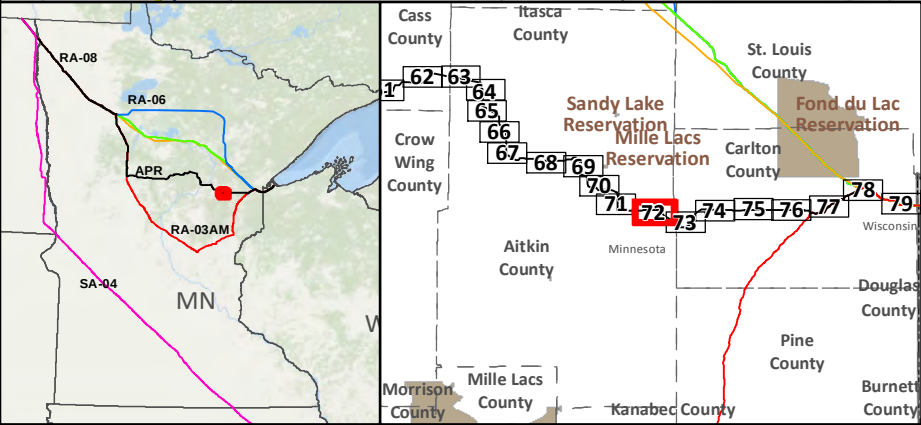
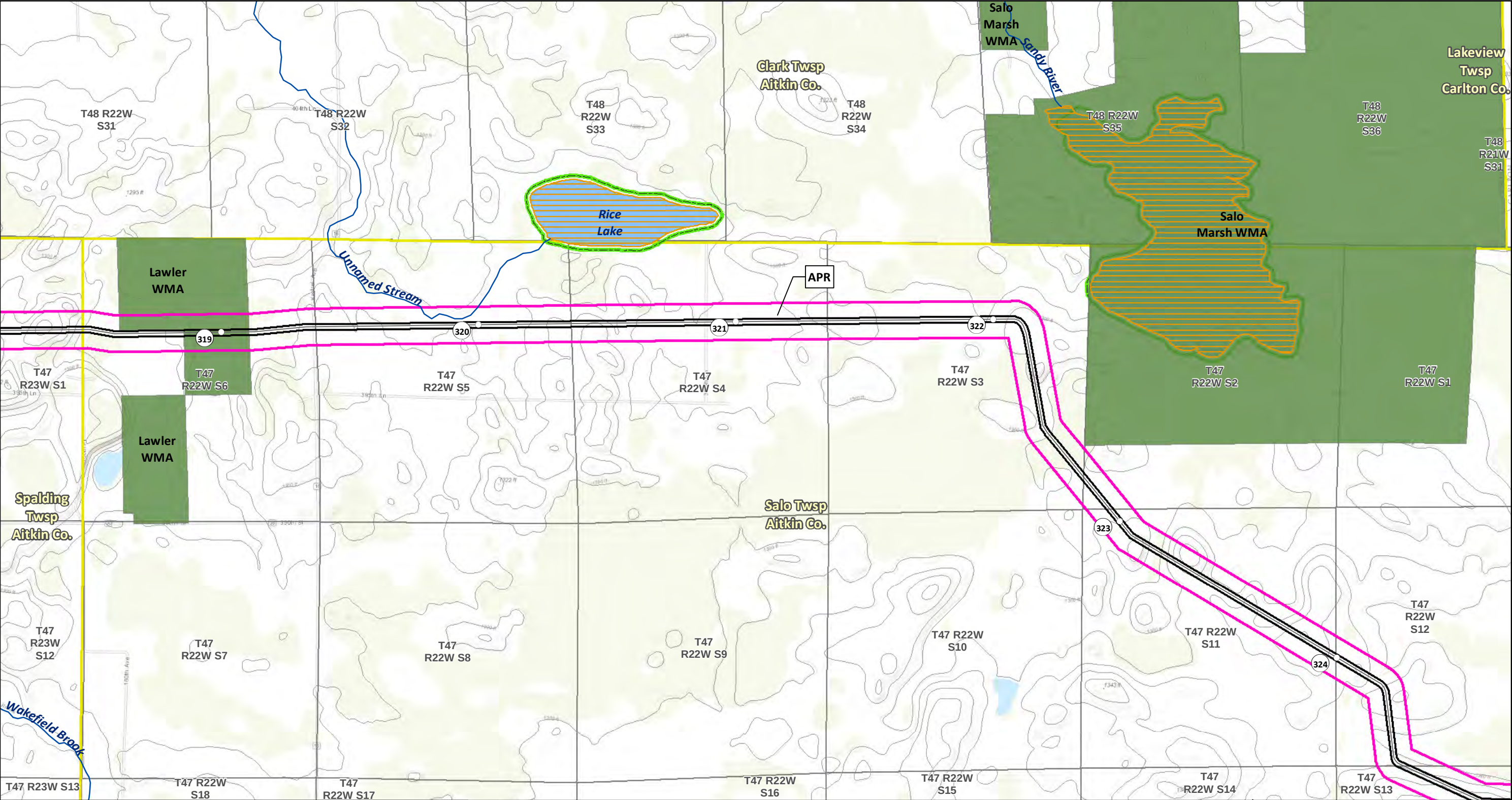
Data Sources:
MNDNR, NHD, Enbridge



**LINE 3 PROJECT
DETAILED MAP SET
AERIAL**

APR

Map 72A of 82



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')

Route Segment Alternatives (RSA)

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

Terminal

Pump Station

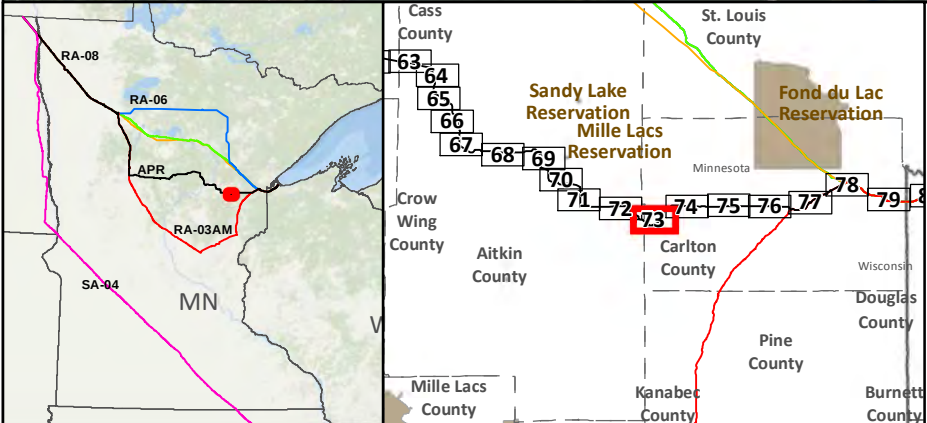
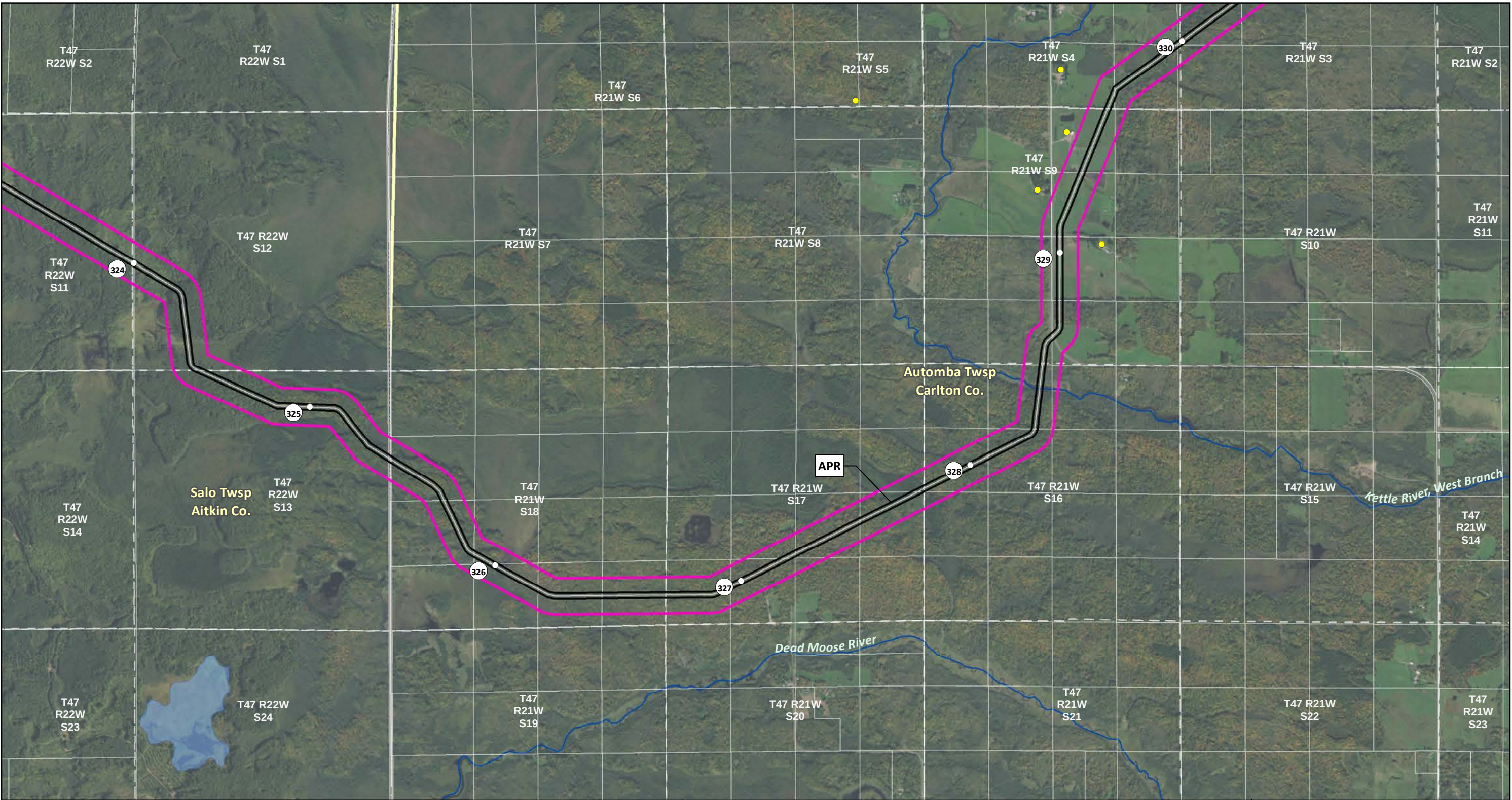
Data Sources: MNDNR, USGS, NHD, Enbridge

**LINE 3 PROJECT
DETAILED MAP SET
TOPOGRAPHIC**

APR

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

Map 72B of 82



SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08
- Existing Pipelines
- Route Segment Alternatives (RSA)

Anticipated 120' Construction ROW

Route Width (750')

County Boundary

Parcels

Public Water Basin

Public Waters Watercourse

Township Boundary

Residences within 1/2 mile

Mile Post

Terminal

Pump Station

Interstate

Highway

Major Road

Land Ownership

- State Forest
- National Forest
- Tribal Reservation
- Tribal Trust Land
- White Earth Reservation - BIA

Data Sources: MNDNR, NHD, Enbridge

0 0.125 0.25 0.5 Miles

0 125 250 500 Meters

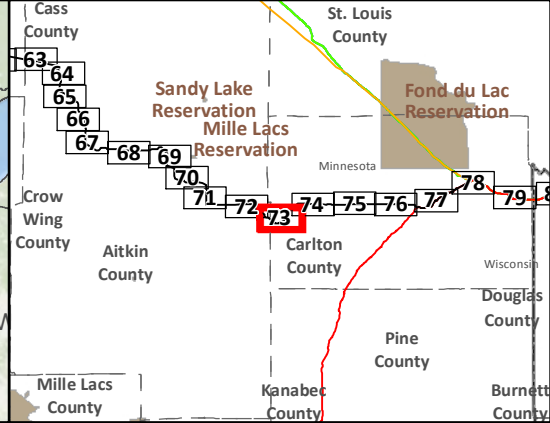
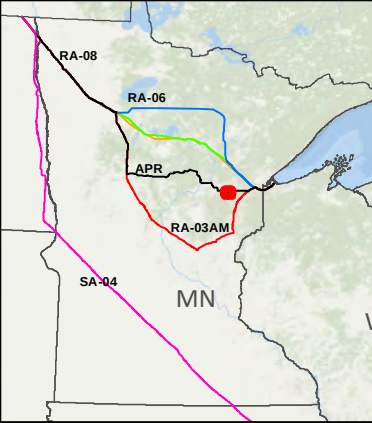
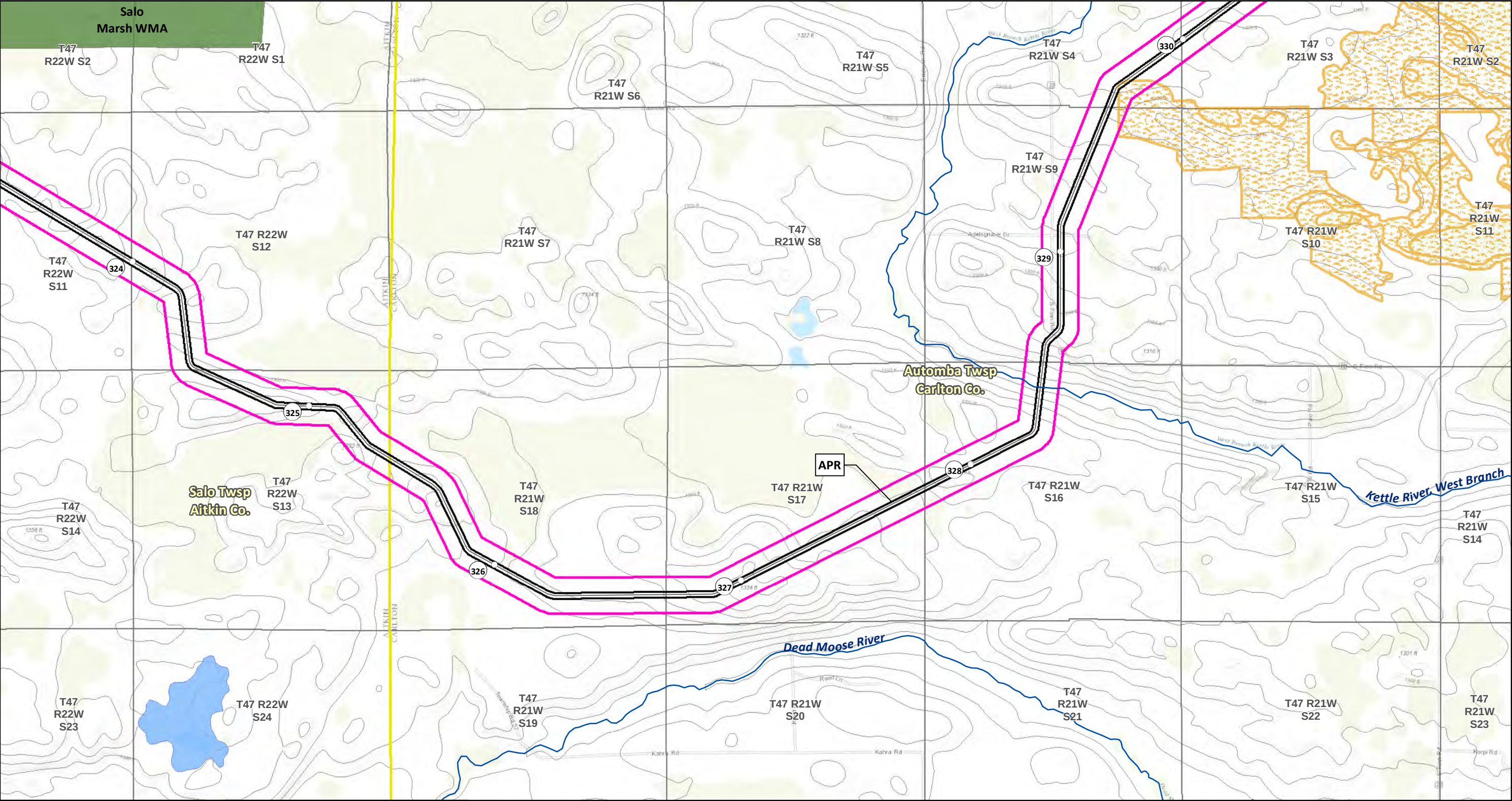
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**LINE 3 PROJECT
DETAILED MAP SET
AERIAL**

APR

Map 73A of 82

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')

Route Segment Alternatives (RSA)

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

Terminal

Pump Station

Data Sources: MNDNR, USGS, NHD, Enbridge

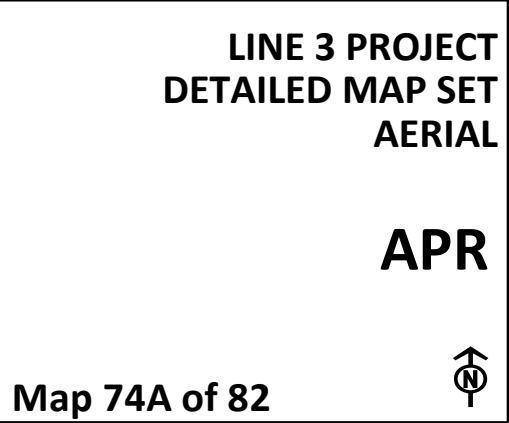
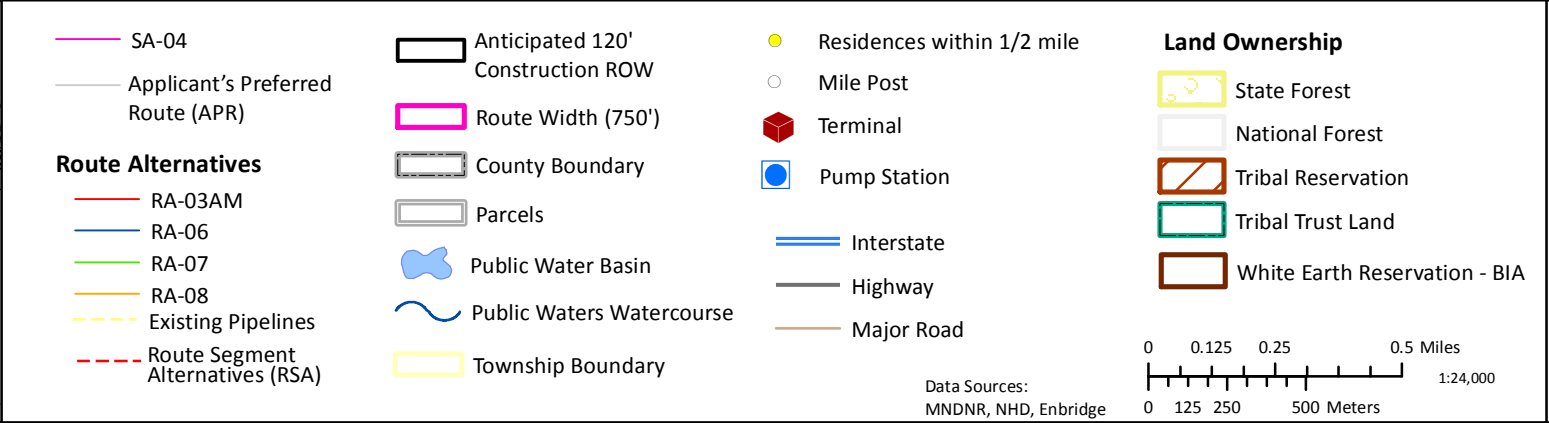
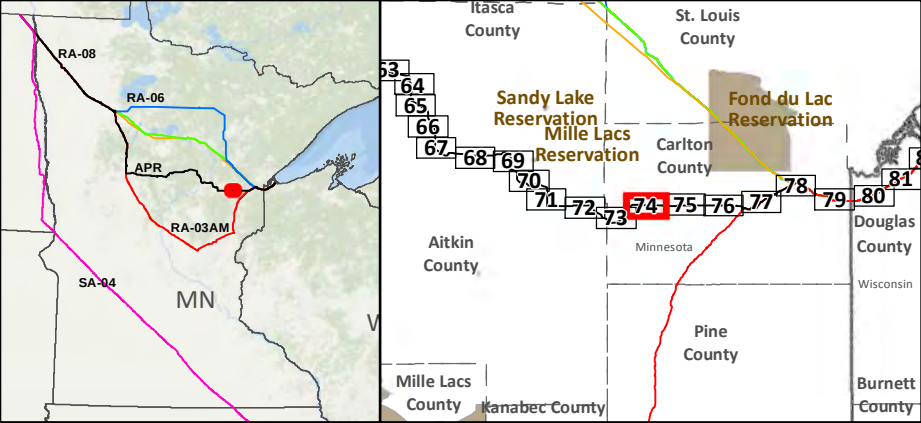
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TOPOGRAPHIC**

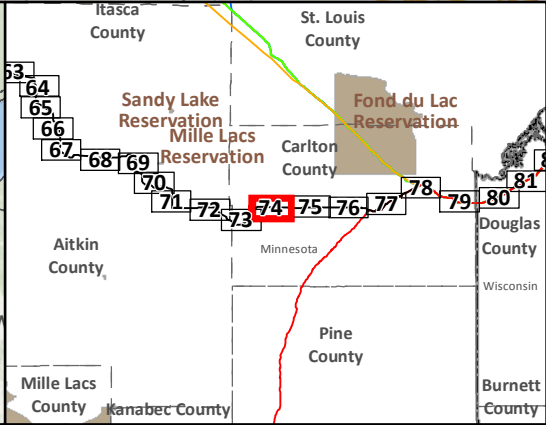
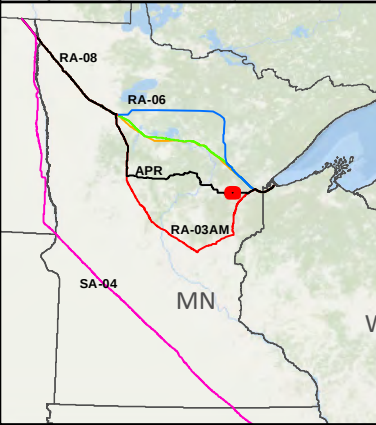
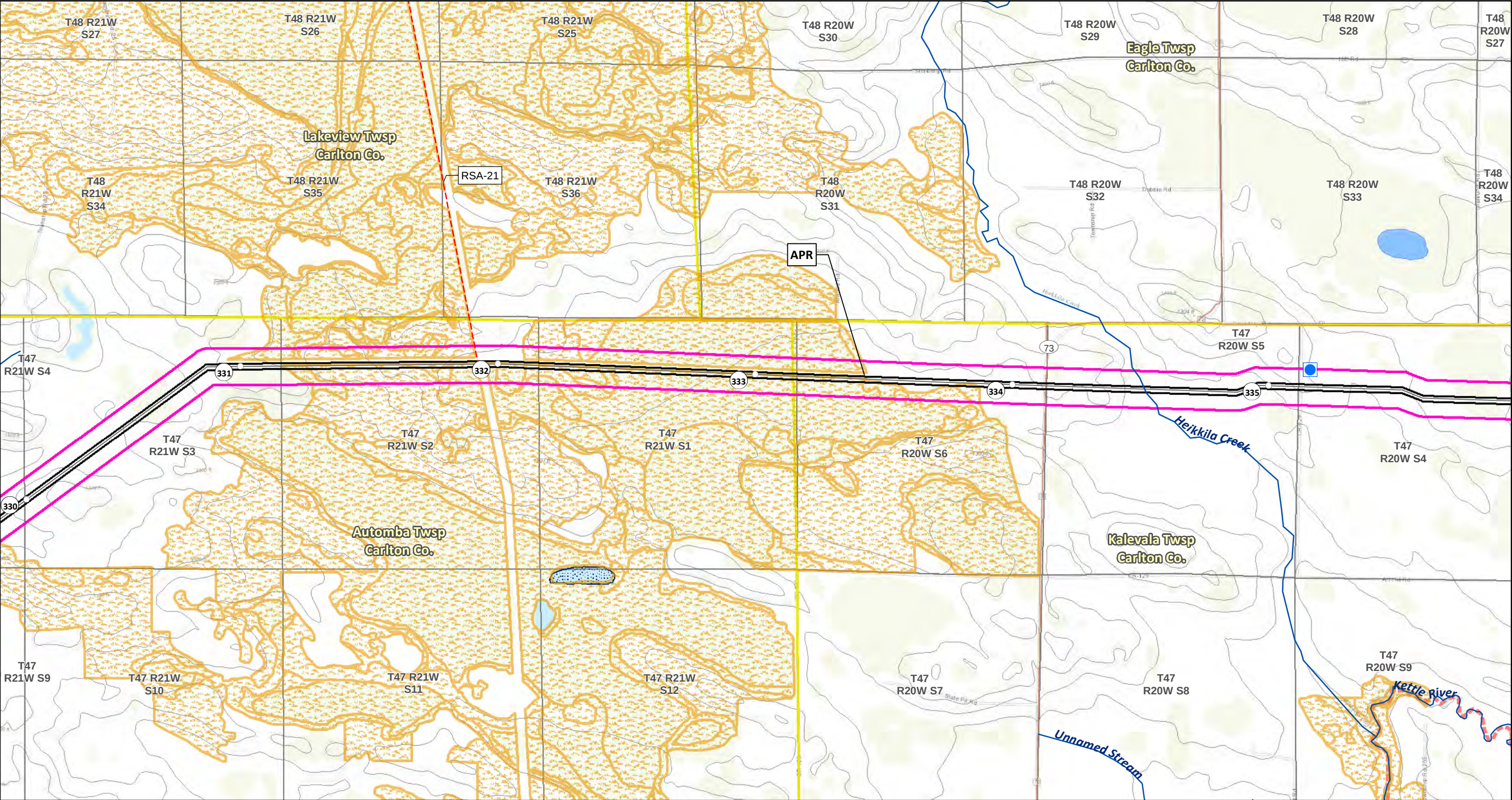
APR

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

Map 73B of 82

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')

Route Segment Alternatives (RSA)

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

Terminal

Pump Station

Data Sources: MNDNR, USGS, NHD, Enbridge

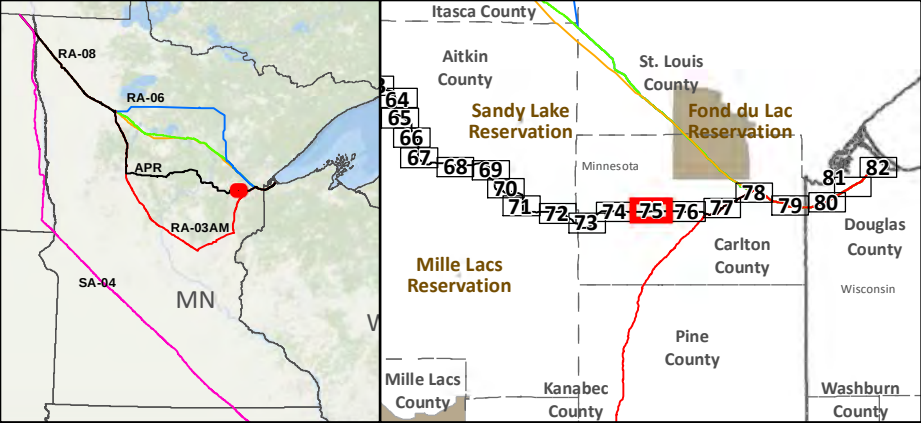
**LINE 3 PROJECT
DETAILED MAP SET
TOPOGRAPHIC**

APR

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

Map 74B of 82

North Arrow



SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08
- Existing Pipelines
- Route Segment Alternatives (RSA)

Anticipated 120' Construction ROW

Route Width (750')

County Boundary

Parcels

Public Water Basin

Public Waters Watercourse

Township Boundary

Residences within 1/2 mile

Mile Post

Terminal

Pump Station

Interstate

Highway

Major Road

Land Ownership

- State Forest
- National Forest
- Tribal Reservation
- Tribal Trust Land
- White Earth Reservation - BIA

Data Sources: MNDNR, NHD, Enbridge

0 0.125 0.25 0.5 Miles

0 125 250 500 Meters

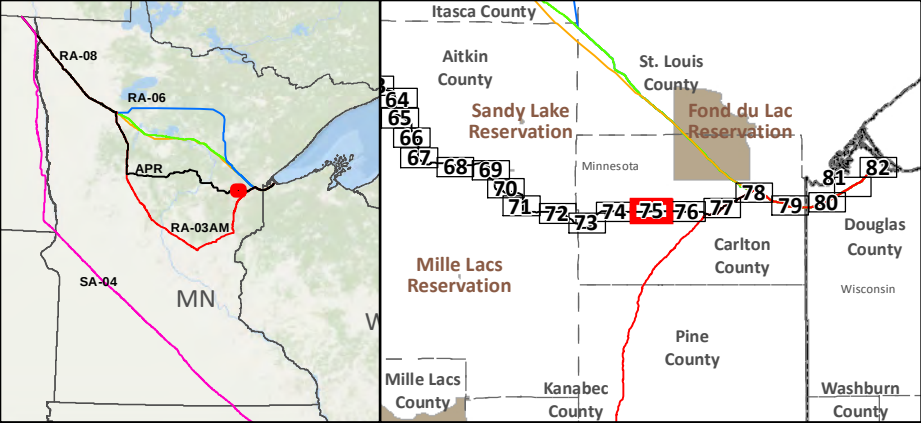
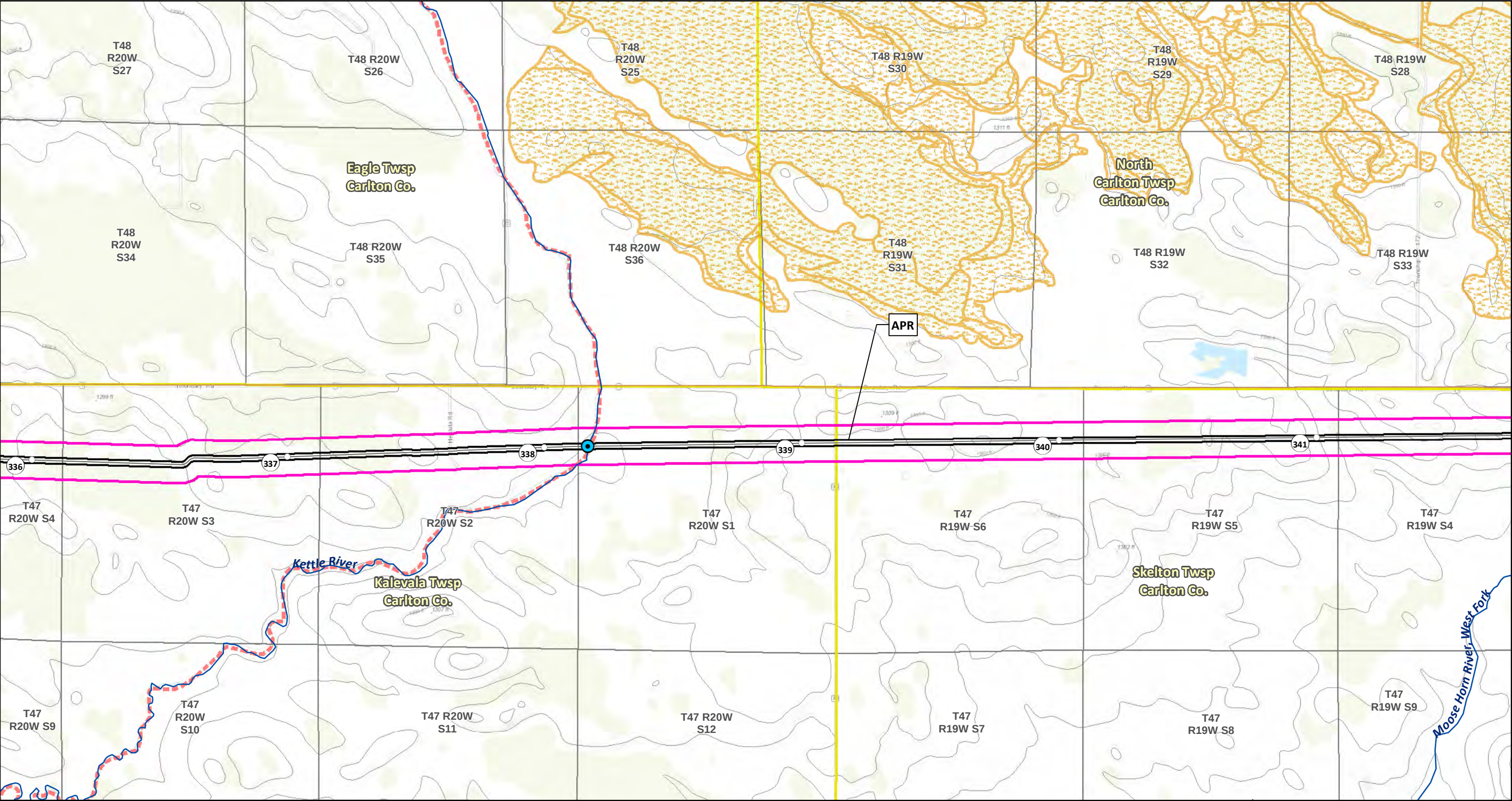
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DETAILED MAP SET
AERIAL**

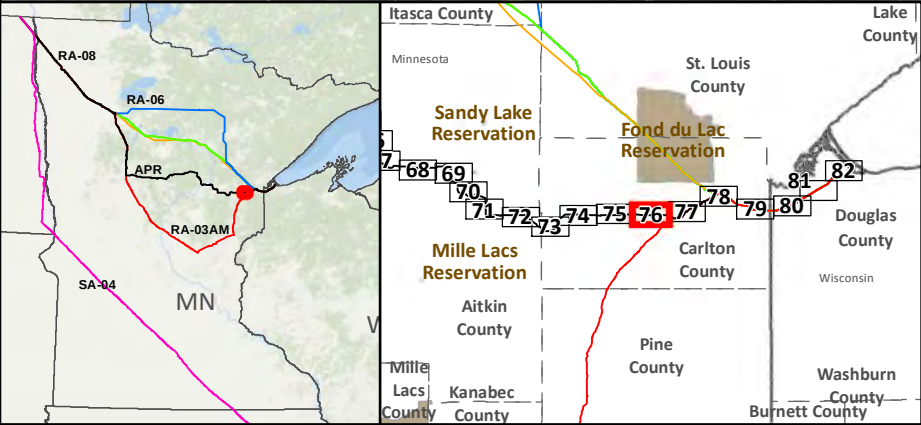
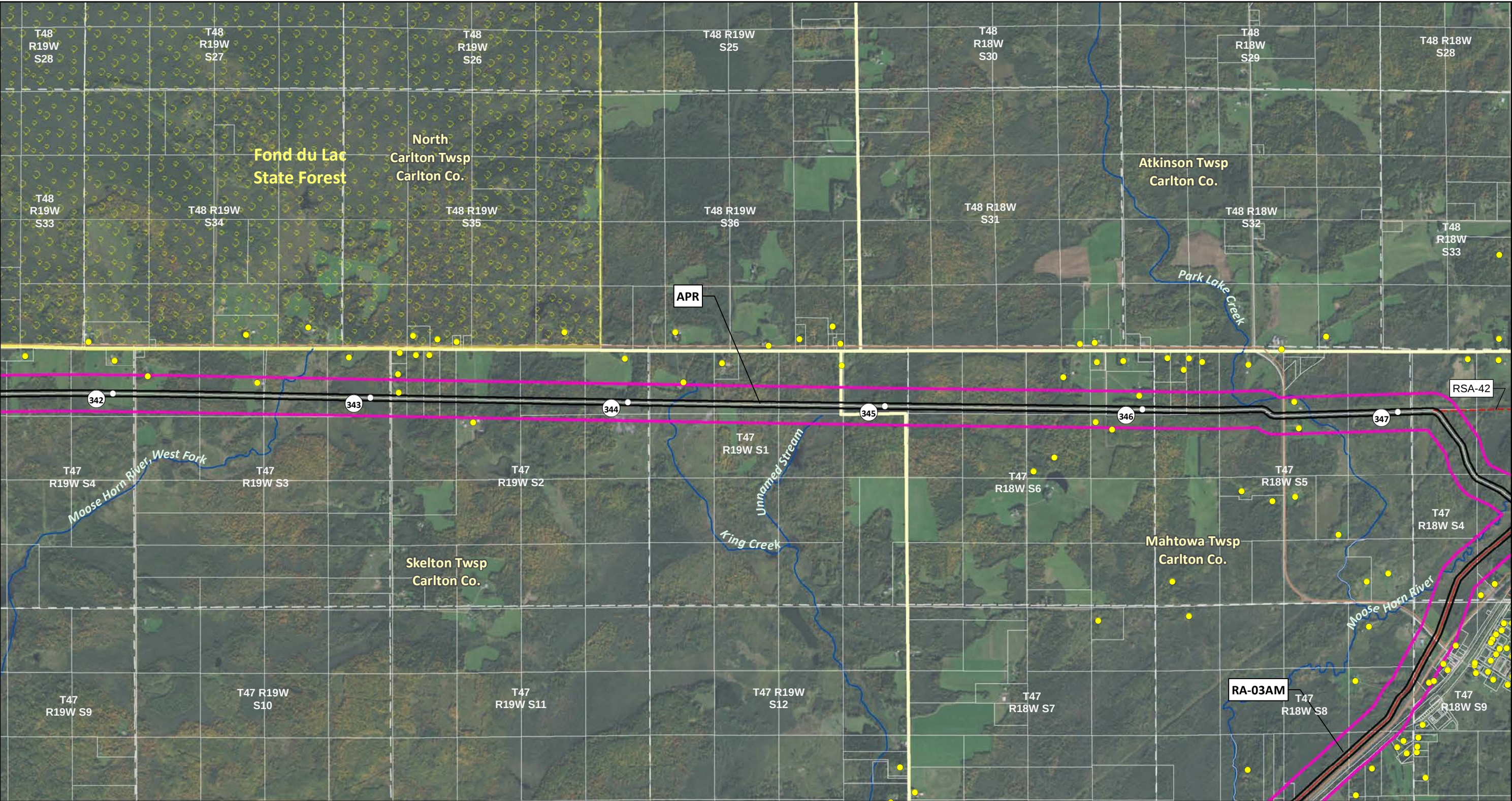
APR

Map 75A of 82

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')	Route Segment Alternatives (RSA) 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 Terminal Pump Station Data Sources: MNDNR, USGS, NHD, Enbridge	LINE 3 PROJECT DETAILED MAP SET TOPOGRAPHIC APR 0 0.125 0.25 0.5 Miles 0 125 250 500 Meters 10ft Contours 1:24,000 Map 75B of 82 North Arrow
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SA-04

Applicant's Preferred Route (APR)

Route Alternatives

- RA-03AM
- RA-06
- RA-07
- RA-08
- Existing Pipelines
- Route Segment Alternatives (RSA)

Anticipated 120' Construction ROW

Route Width (750')

County Boundary

Parcels

Public Water Basin

Public Waters Watercourse

Township Boundary

Residences within 1/2 mile

Mile Post

Terminal

Pump Station

Interstate

Highway

Major Road

Land Ownership

- State Forest
- National Forest
- Tribal Reservation
- Tribal Trust Land
- White Earth Reservation - BIA

Data Sources:
MNDNR, NHD, Enbridge

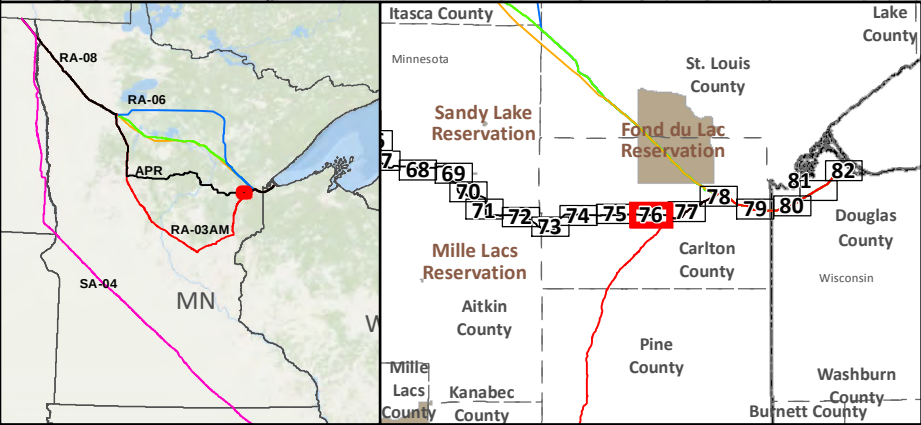
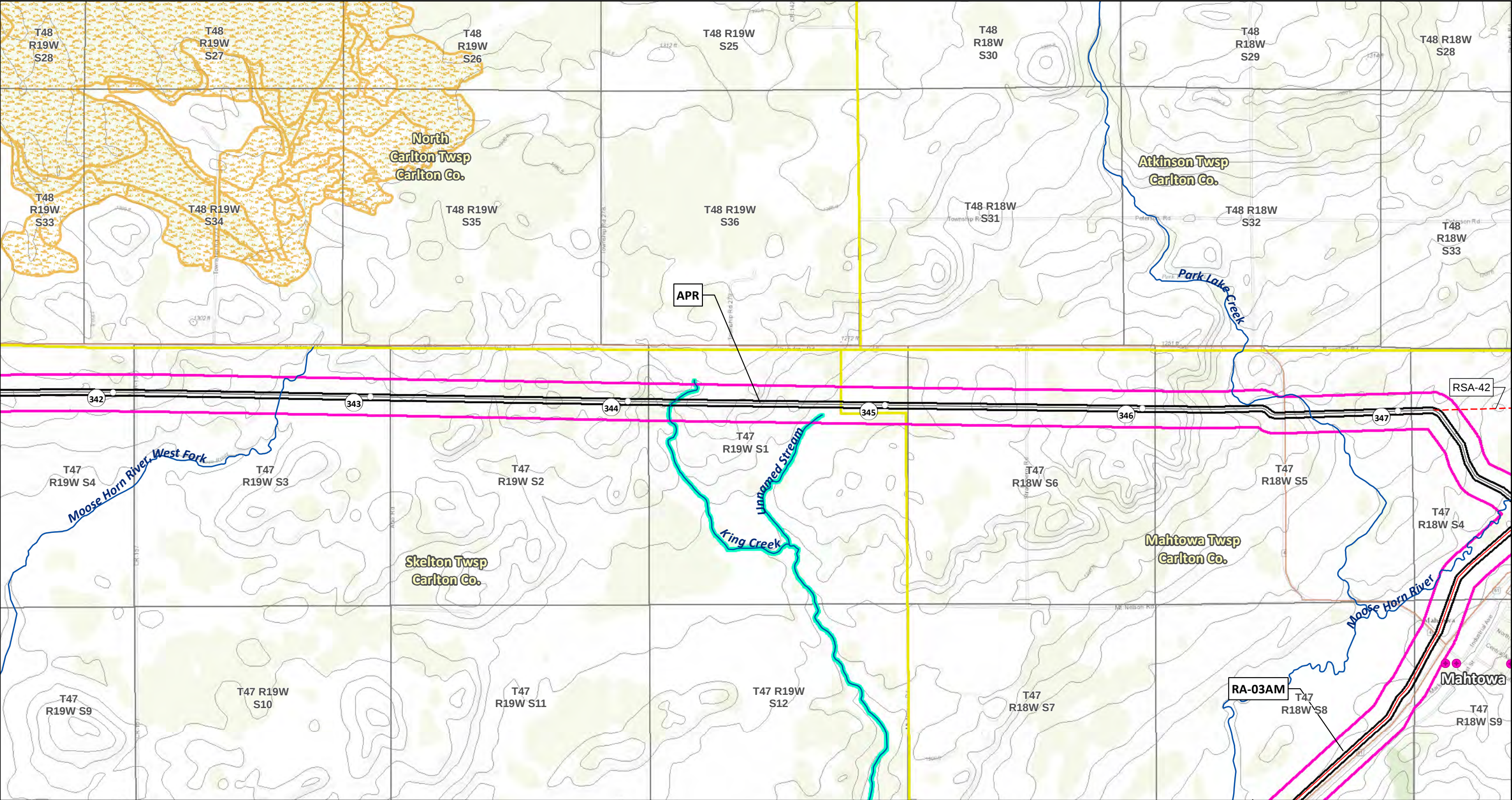
0 0.125 0.25 0.5 Miles
0 125 250 500 Meters

**LINE 3 PROJECT
DETAILED MAP SET
AERIAL**

APR

Map 76A of 82

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')

Route Segment Alternatives (RSA)

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

Terminal

Pump Station

Data Sources: MNDNR, USGS, NHD, Enbridge

LINE 3 PROJECT DETAILED MAP SET TOPOGRAPHIC

APR

0 0.125 0.25 0.5 Miles

0 125 250 500 Meters

1:24,000

10ft Contours

Map 76B of 82