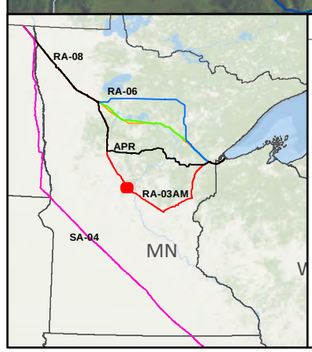
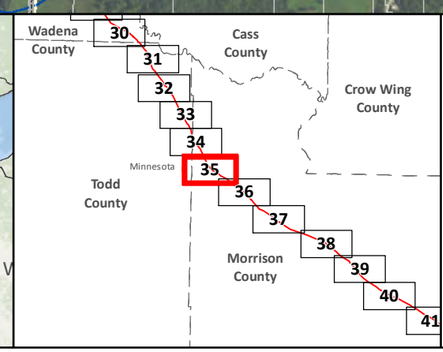




SA-04

Applicant's Preferred Route (APR)

Route Alternatives

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

Existing Pipelines

Anticipated 120' Construction ROW

Route Width (750')

County Boundary

Parcels

Public Water Basin

Public Waters Watercourse

Residences within 1/2 mile

Mile Post

Terminal

Pump Station

Interstate

Highway

Major Road

Township Boundary

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

1:24,000

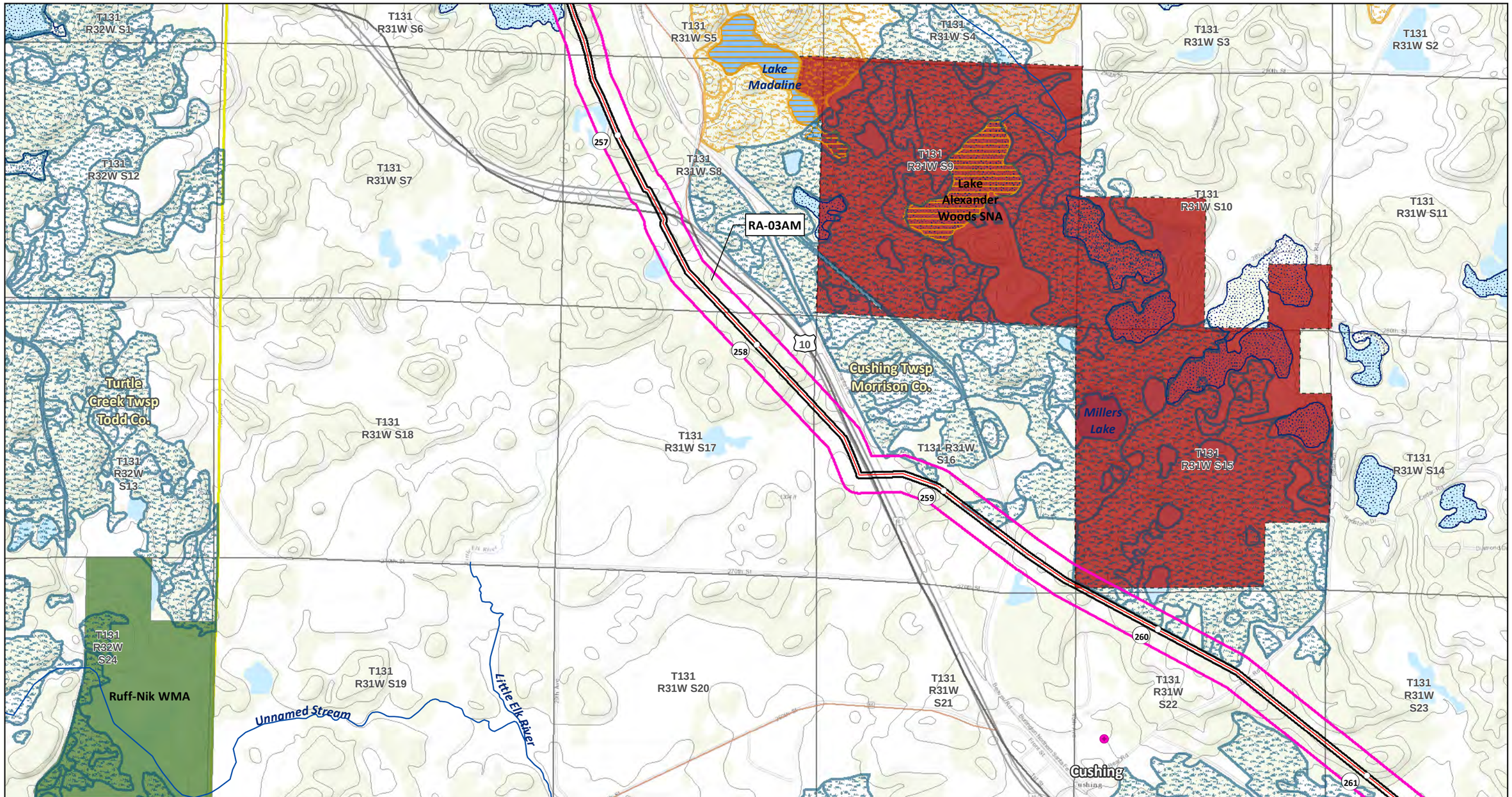
0 125 250 500 Meters

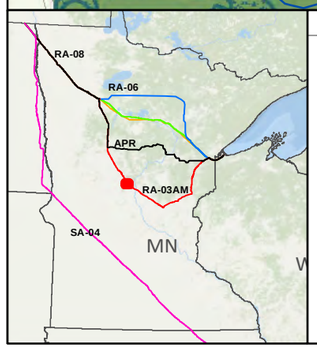
LINE 3 PROJECT DETAILED MAP SET AERIAL

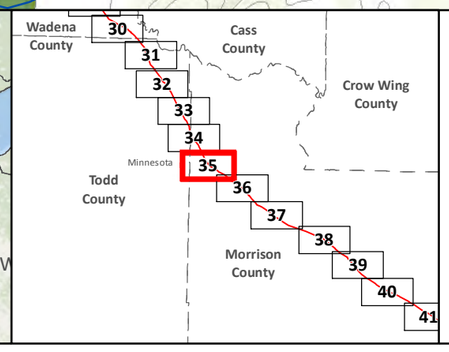
RA-03AM

CLEARBROOK TO CARLTON

Map 35A of 67







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 Imparied 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

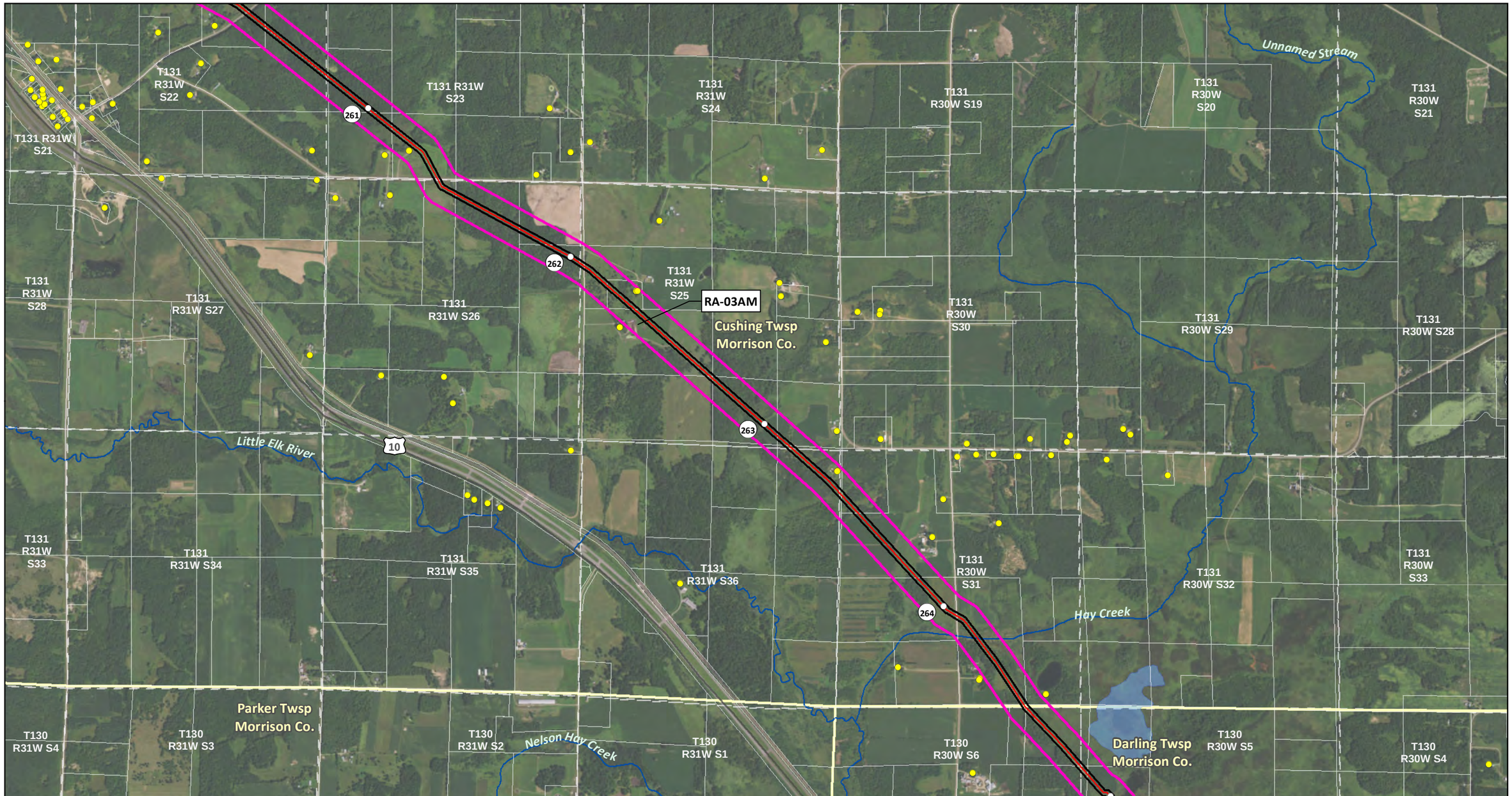
RA-03AM

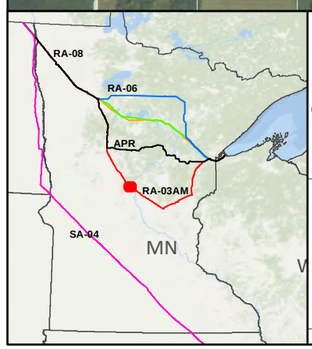
CLEARBROOK TO CARLTON

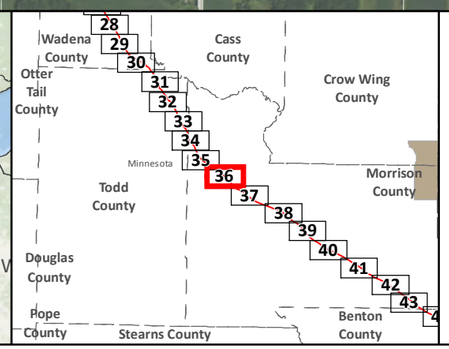
0 0.125 0.25 0.5 Miles
0 125 250 500 Meters
1:24,000
10ft Contours

N

Map 35B of 67







SA-04

Applicant's Preferred Route (APR)

Route Alternatives

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

Existing Pipelines

Anticipated 120' Construction ROW

Route Width (750')

County Boundary

Parcels

Public Water Basin

Public Waters Watercourse

Residences within 1/2 mile

Mile Post

Terminal

Pump Station

Interstate

Highway

Major Road

Township Boundary

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

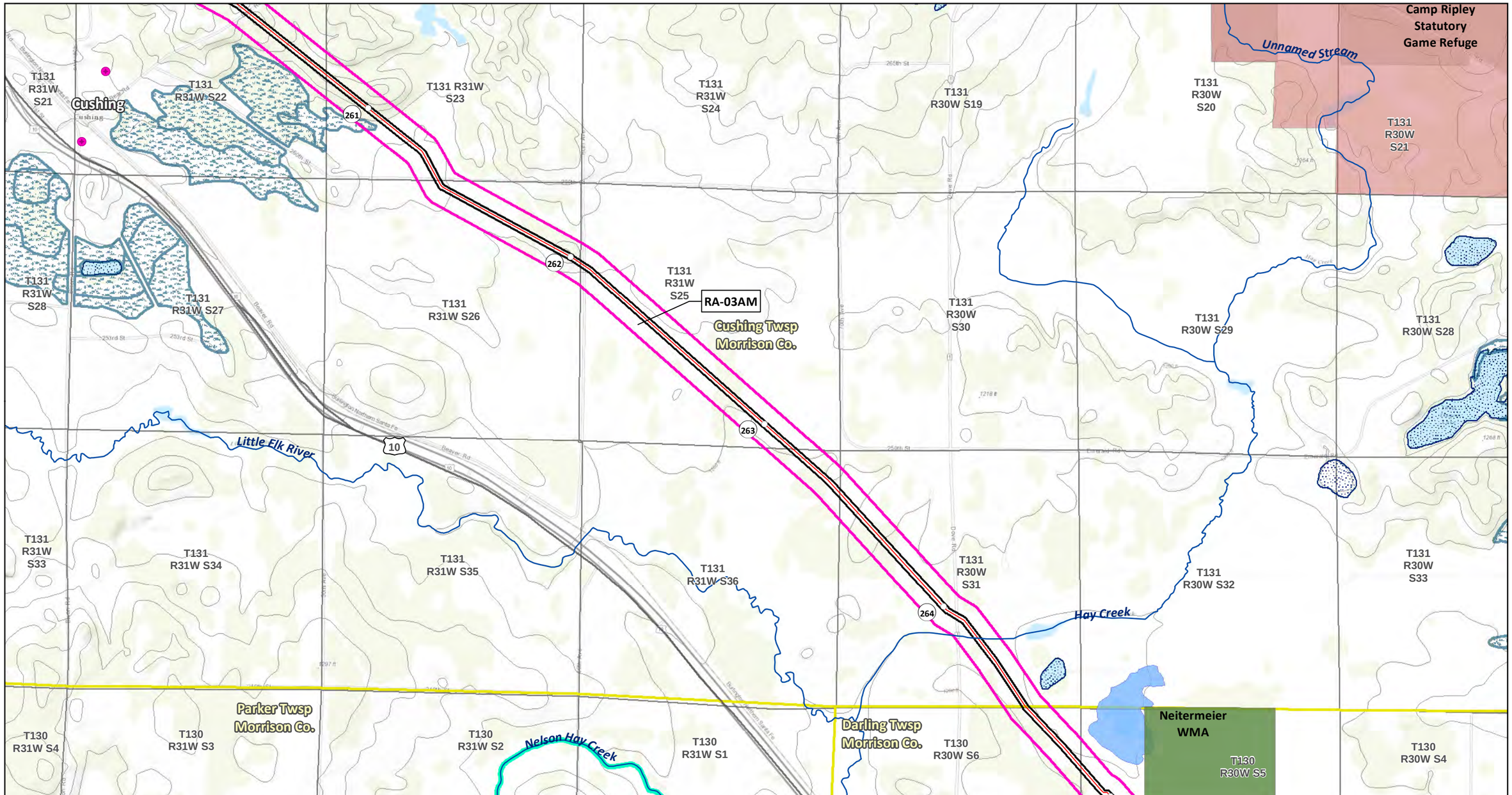
1:24,000

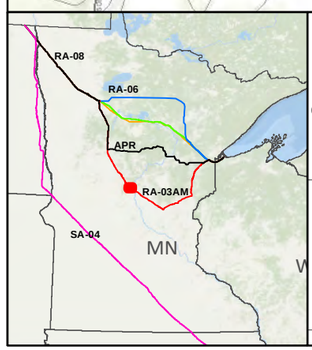
0 125 250 500 Meters

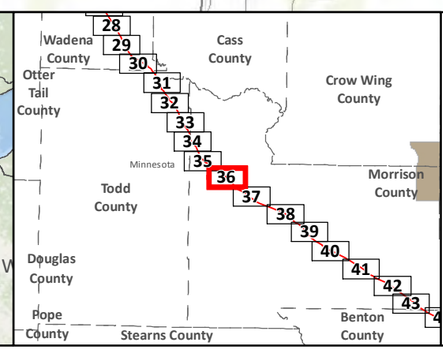
LINE 3 PROJECT DETAILED MAP SET AERIAL

RA-03AM

CLEARBROOK TO CARLTON







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 Imparied 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

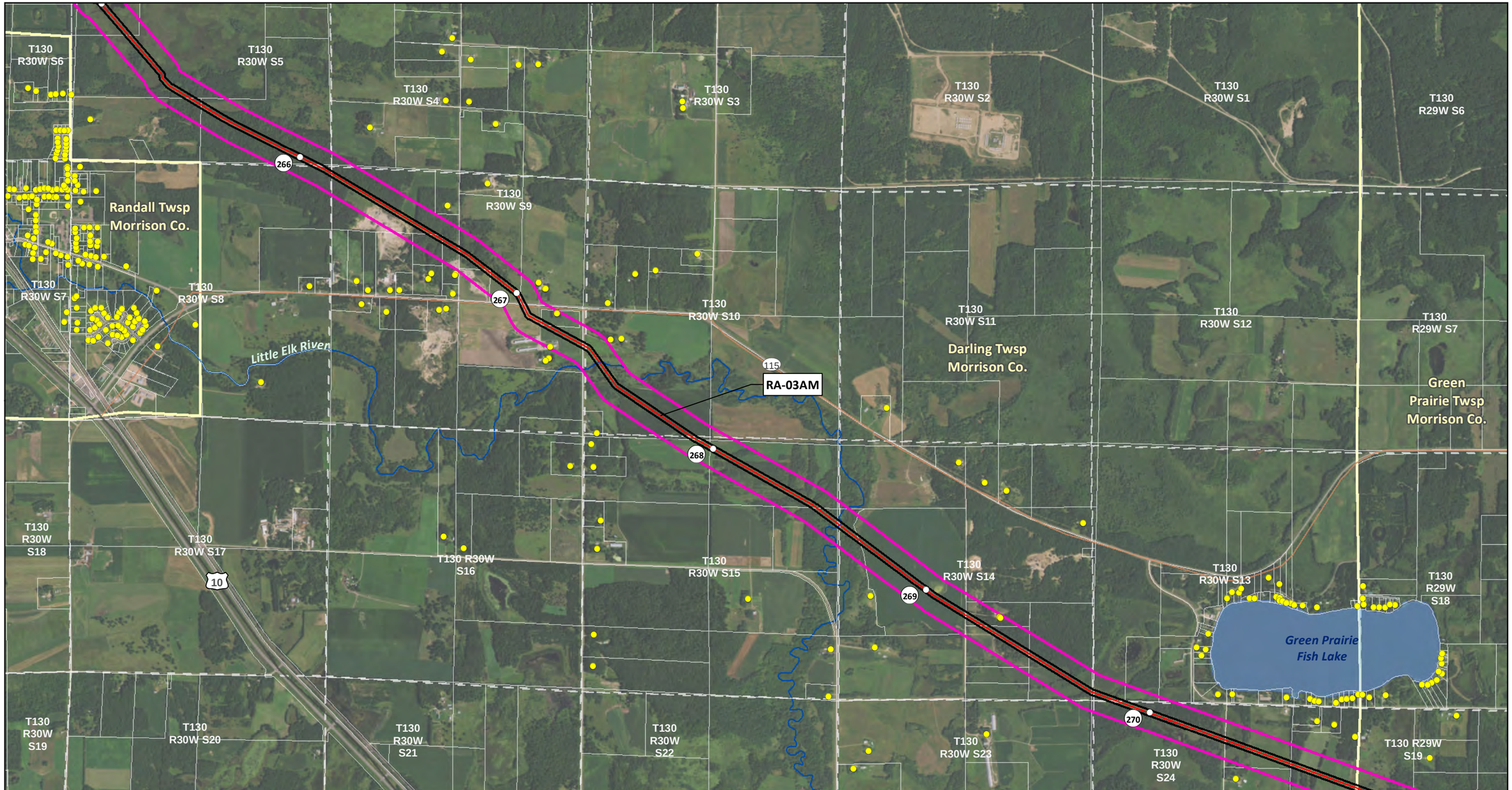
LINE 3 PROJECT DETAILED MAP SET TOPOGRAPHIC

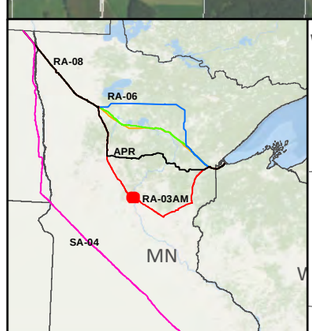
RA-03AM

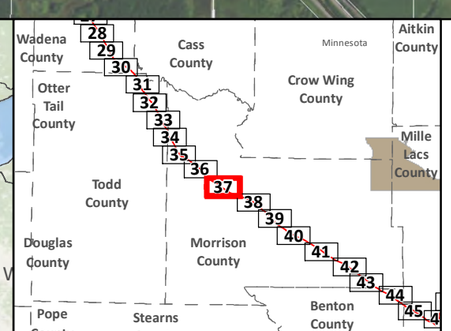
CLEARBROOK TO CARLTON

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

Map 36B of 67







SA-04

Applicant's Preferred Route (APR)

Route Alternatives

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

Existing Pipelines

Anticipated 120' Construction ROW

Route Width (750')

County Boundary

Parcels

Public Water Basin

Public Waters Watercourse

Residences within 1/2 mile

Mile Post

Terminal

Pump Station

Interstate

Highway

Major Road

Township Boundary

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

1:24,000

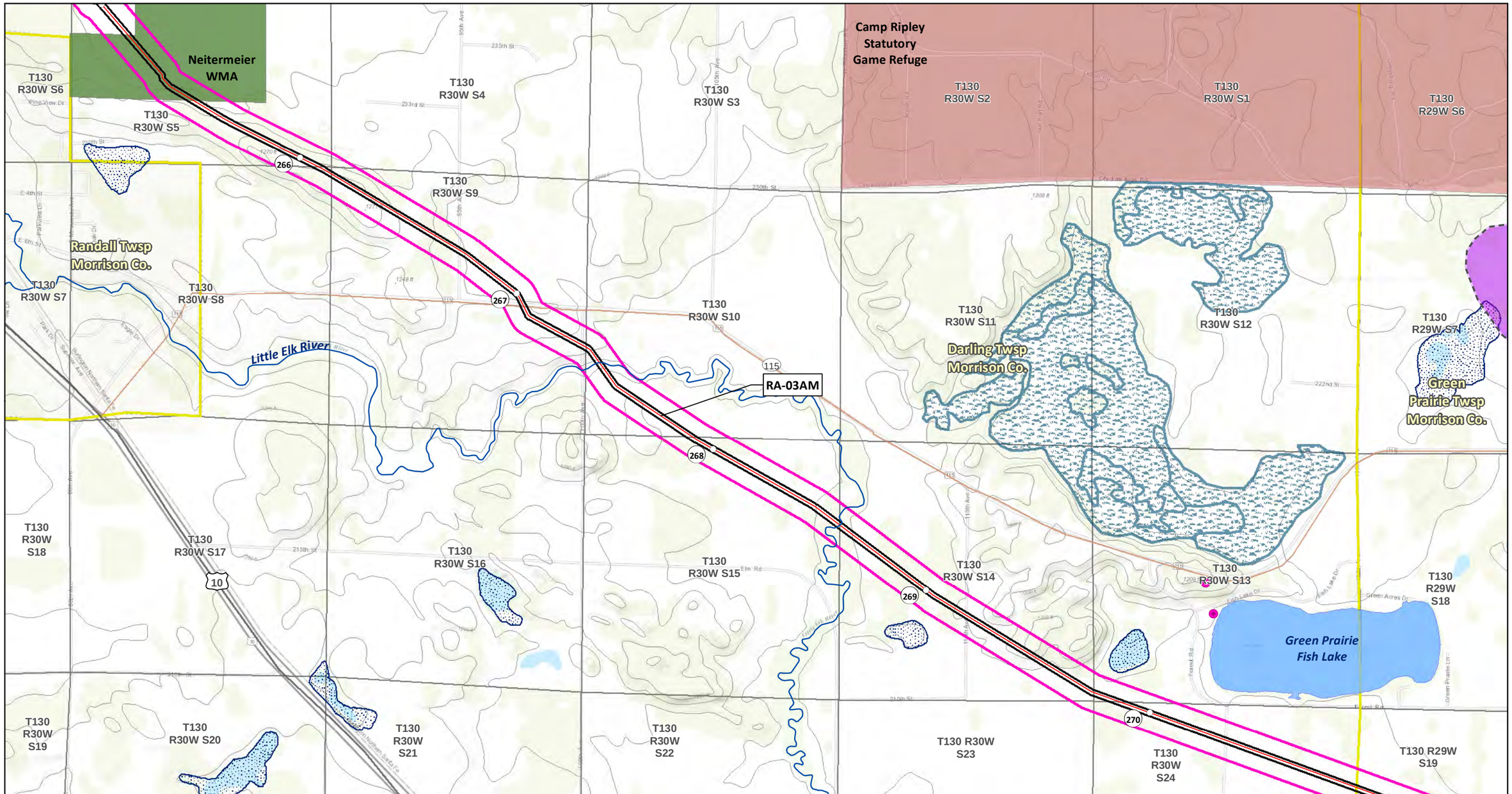
0 125 250 500 Meters

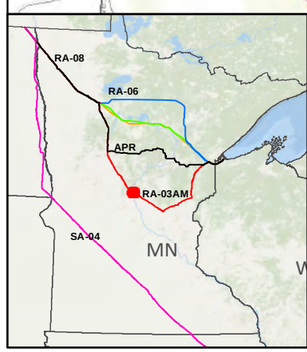
LINE 3 PROJECT DETAILED MAP SET AERIAL

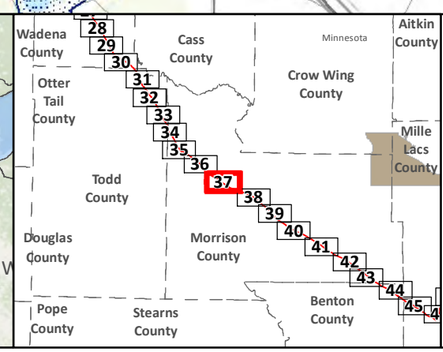
RA-03AM

CLEARBROOK TO CARLTON

Map 37A of 67







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 Imparied 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

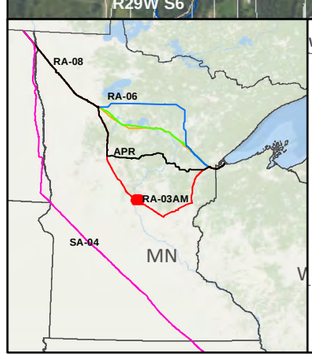
RA-03AM

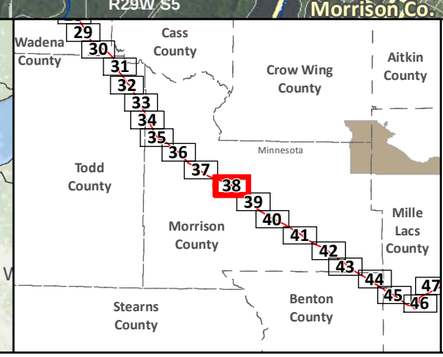
CLEARBROOK TO CARLTON

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

N

Map 37B of 67





SA-04

Applicant's Preferred Route (APR)

Route Alternatives

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

Existing Pipelines

Anticipated 120' Construction ROW

Route Width (750')

County Boundary

Parcels

Public Water Basin

Public Waters Watercourse

Residences within 1/2 mile

Mile Post

Terminal

Pump Station

Interstate

Highway

Major Road

Township Boundary

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

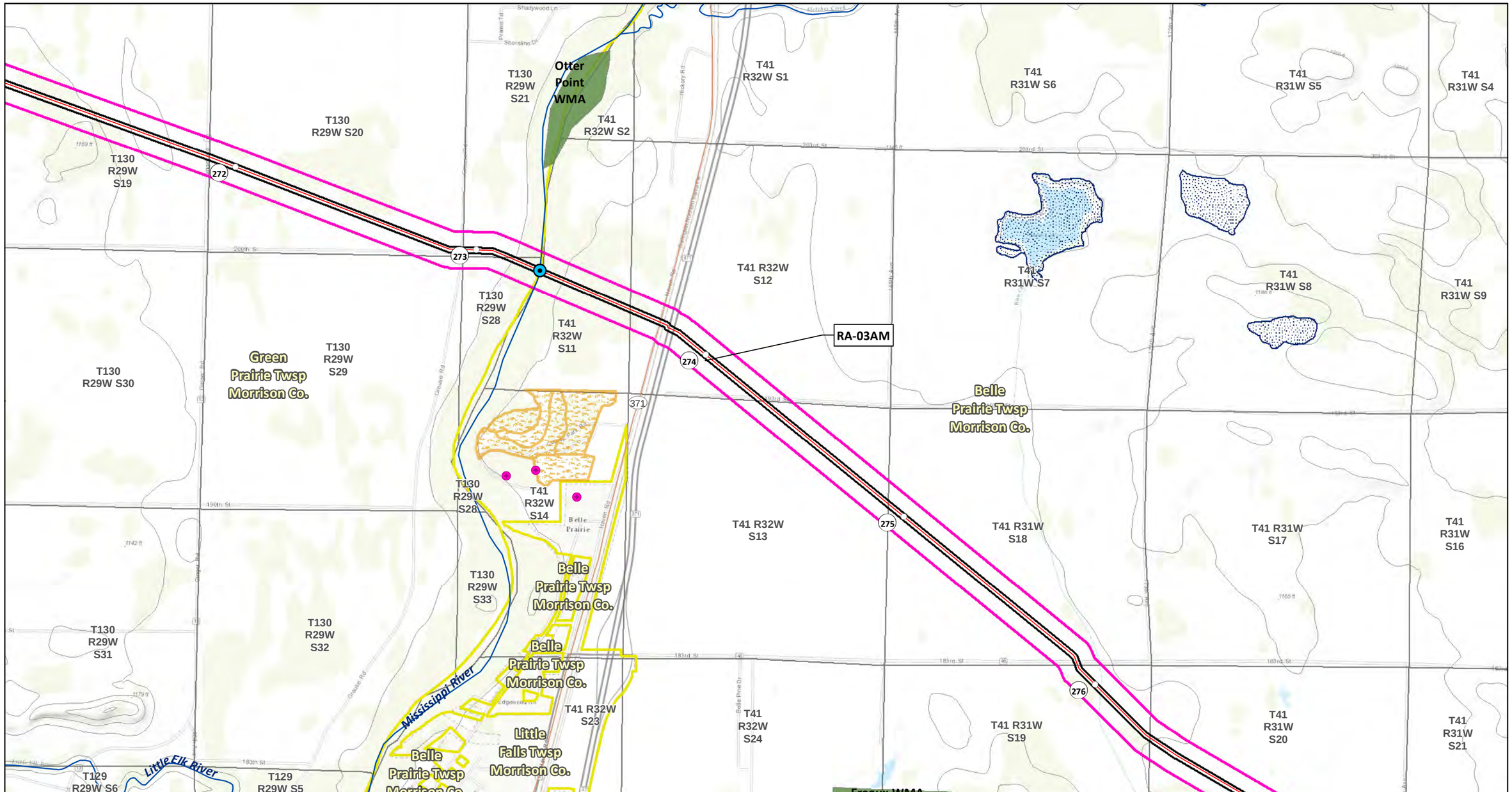
1:24,000

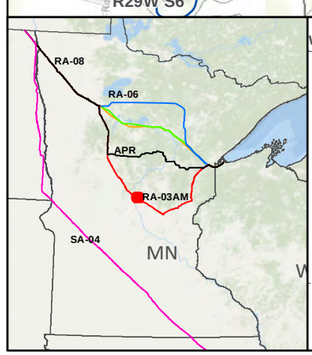
LINE 3 PROJECT DETAILED MAP SET AERIAL

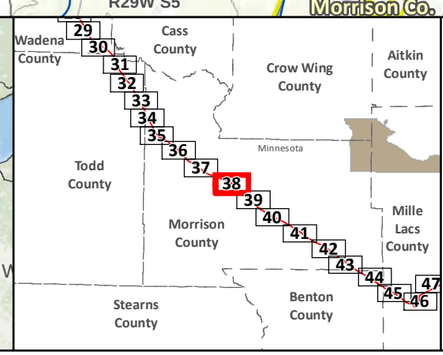
RA-03AM

CLEARBROOK TO CARLTON

Map 38A of 67







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 Imparied 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

RA-03AM

CLEARBROOK TO CARLTON

0 0.125 0.25 0.5 Miles

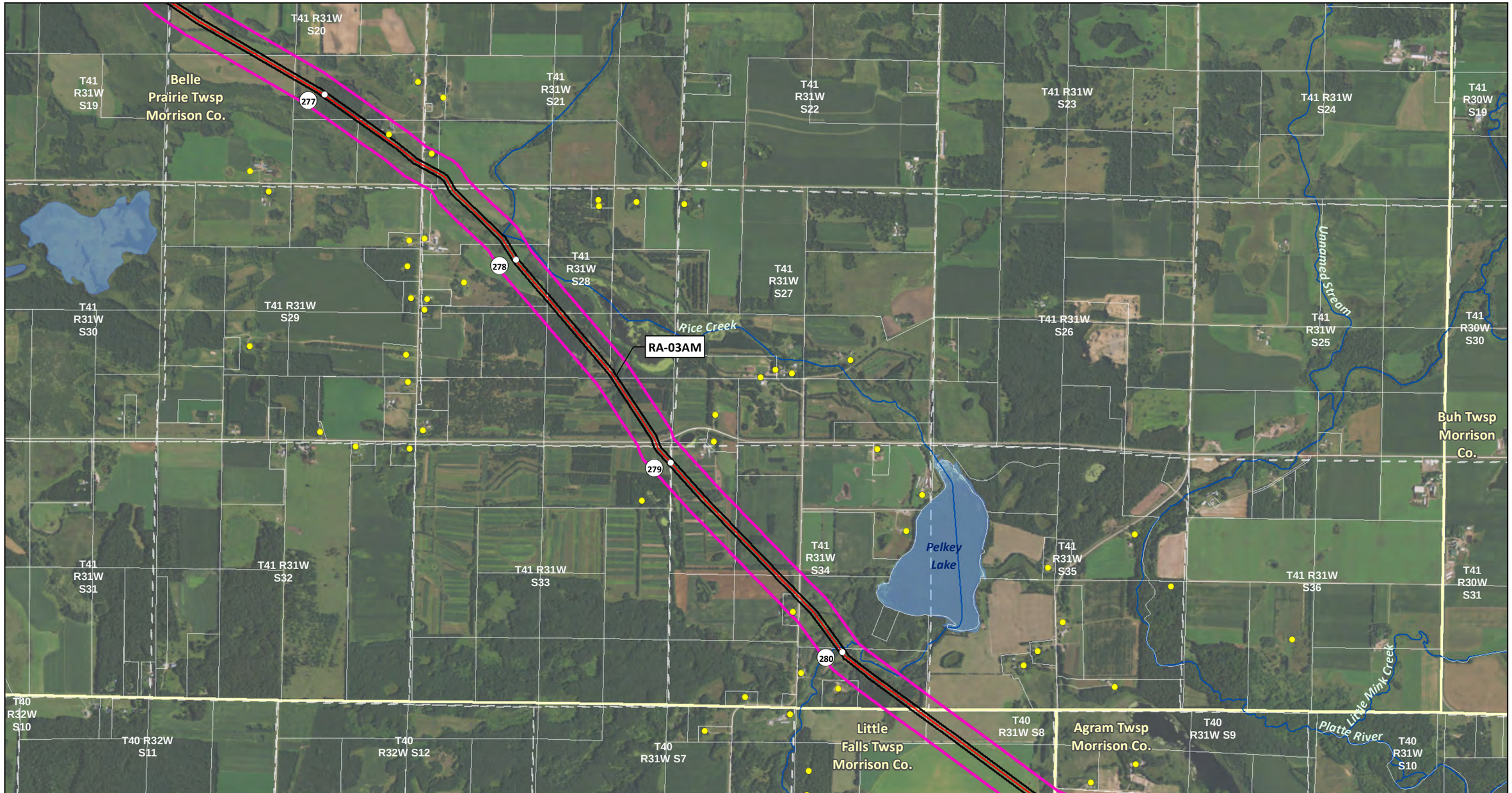
0 125 250 500 Meters

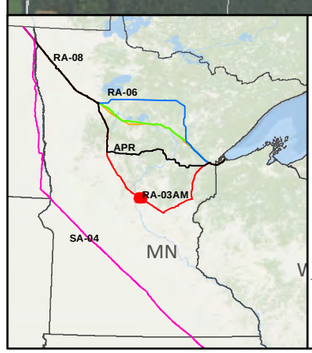
1:24,000

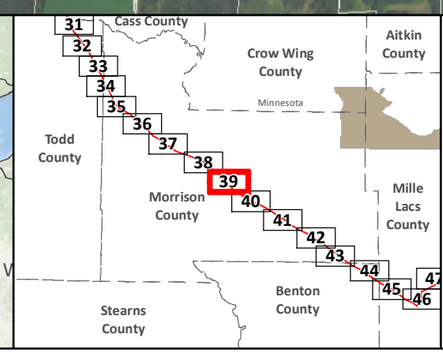
10ft Contours

N

Map 38B of 67







SA-04

Applicant's Preferred Route (APR)

Route Alternatives

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

Existing Pipelines

Anticipated 120' Construction ROW

Route Width (750')

County Boundary

Parcels

Public Water Basin

Public Waters Watercourse

Residences within 1/2 mile

Mile Post

Terminal

Pump Station

Interstate

Highway

Major Road

Township Boundary

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

1:24,000

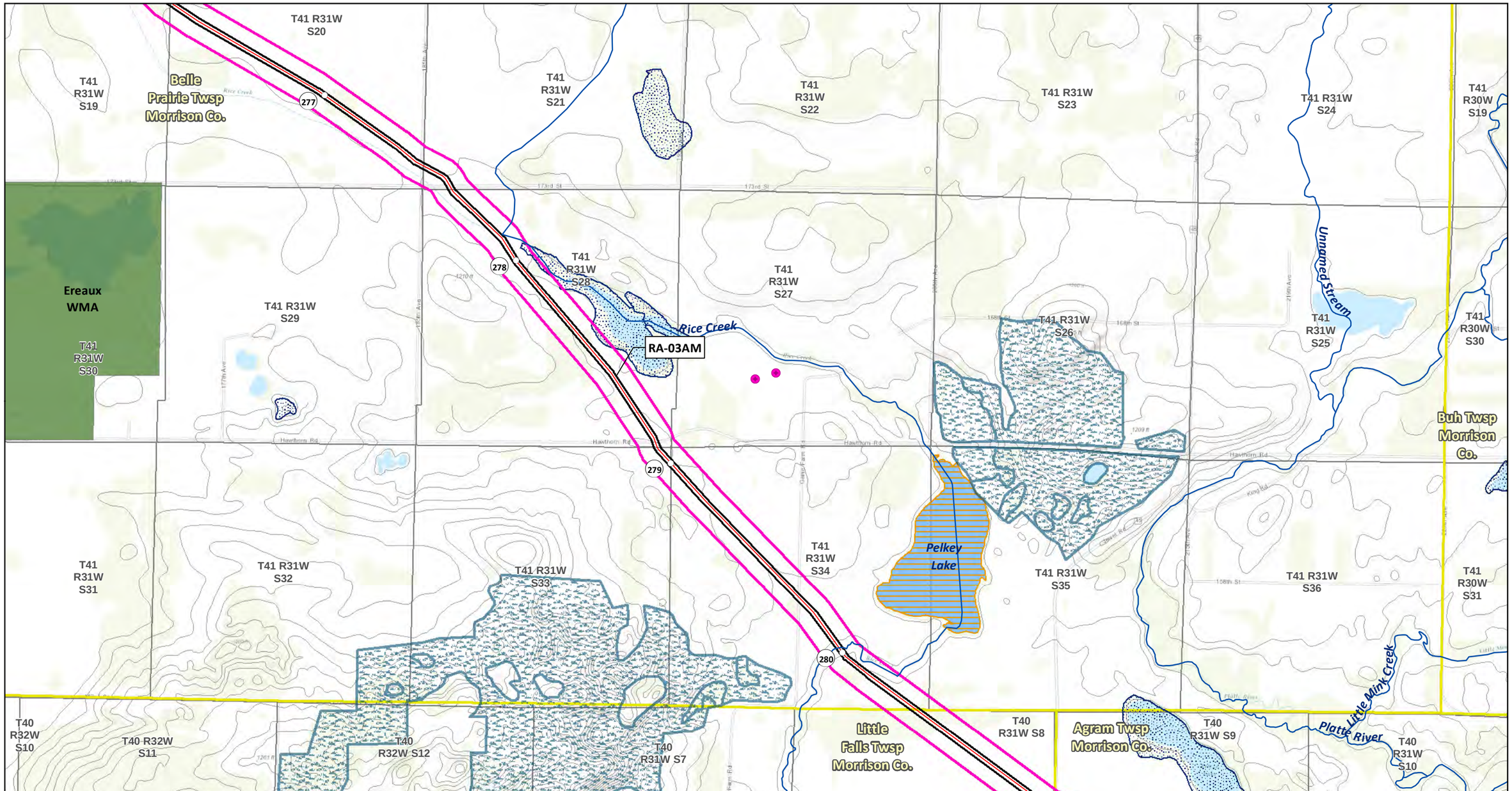
0 125 250 500 Meters

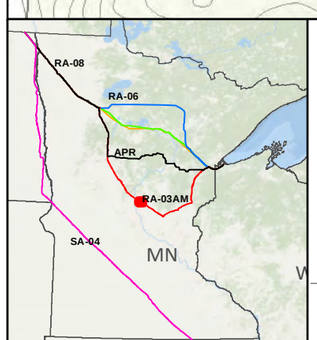
LINE 3 PROJECT DETAILED MAP SET AERIAL

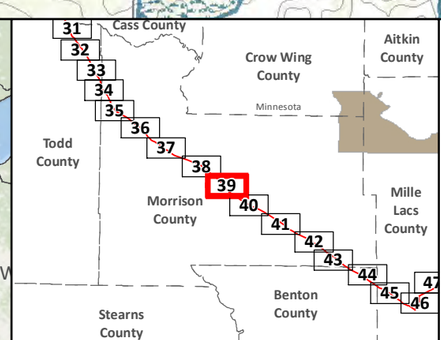
RA-03AM

CLEARBROOK TO CARLTON

Map 39A of 67







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
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Public Waters Watercourse
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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

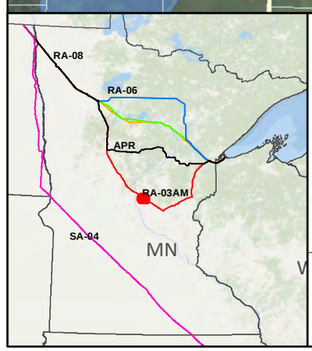
LINE 3 PROJECT DETAILED MAP SET TOPOGRAPHIC

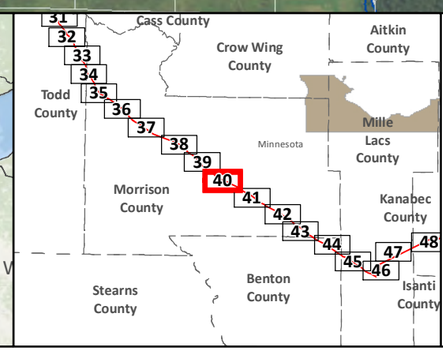
RA-03AM

CLEARBROOK TO CARLTON

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

Map 39B of 67





SA-04

Applicant's Preferred Route (APR)

Route Alternatives

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

Existing Pipelines

Anticipated 120' Construction ROW

Route Width (750')

County Boundary

Parcels

Public Water Basin

Public Waters Watercourse

Residences within 1/2 mile

Mile Post

Terminal

Pump Station

Interstate

Highway

Major Road

Township Boundary

Land Ownership

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- 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

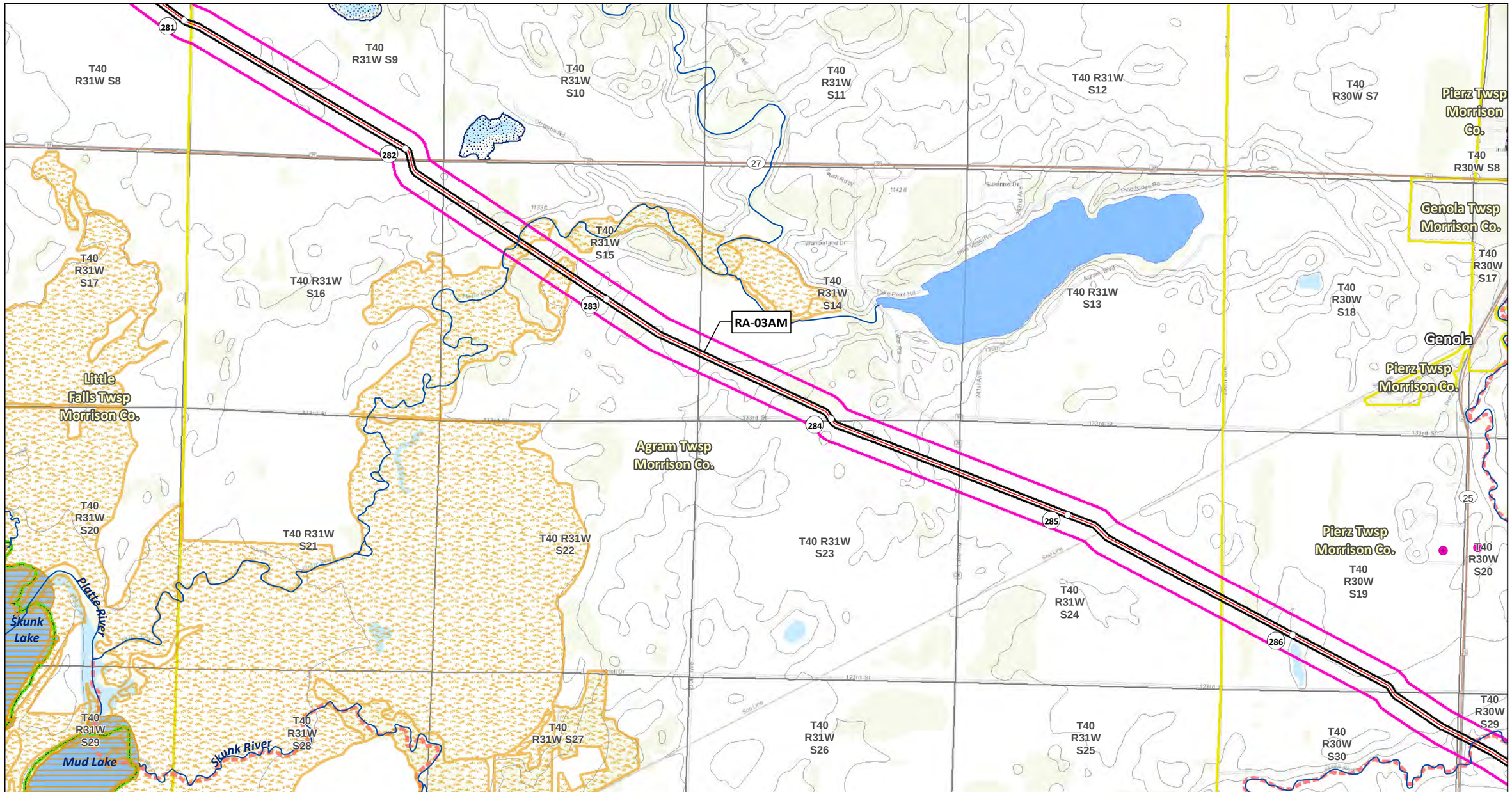
1:24,000

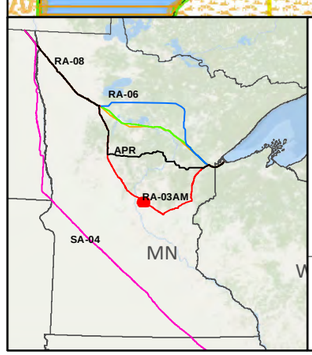
LINE 3 PROJECT DETAILED MAP SET AERIAL

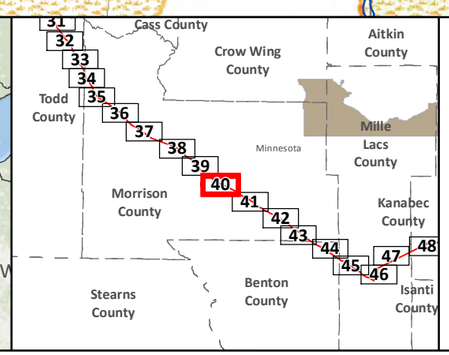
RA-03AM

CLEARBROOK TO CARLTON

Map 40A of 67







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

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Terminal

Pump Station

Data Sources: MNDNR, USGS, NHD, Enbridge

LINE 3 PROJECT DETAILED MAP SET TOPOGRAPHIC

RA-03AM

CLEARBROOK TO CARLTON

0 0.125 0.25 0.5 Miles

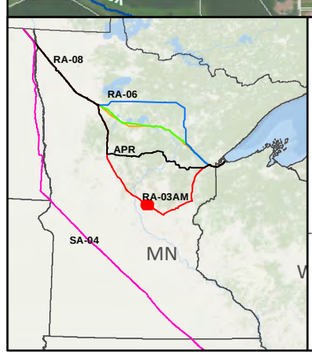
0 125 250 500 Meters

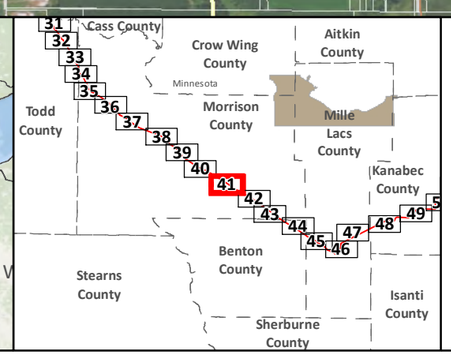
1:24,000

10ft Contours

N

Map 40B of 67





SA-04

Applicant's Preferred Route (APR)

Route Alternatives

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

Existing Pipelines

Anticipated 120' Construction ROW

Route Width (750')

County Boundary

Parcels

Public Water Basin

Public Waters Watercourse

Residences within 1/2 mile

Mile Post

Terminal

Pump Station

Interstate

Highway

Major Road

Township Boundary

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

1:24,000

0 125 250 500 Meters

LINE 3 PROJECT DETAILED MAP SET AERIAL

RA-03AM

CLEARBROOK TO CARLTON

Map 41A of 67