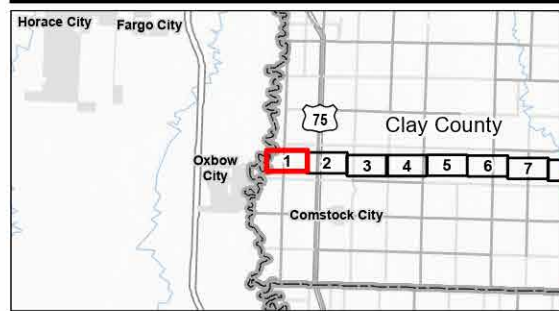


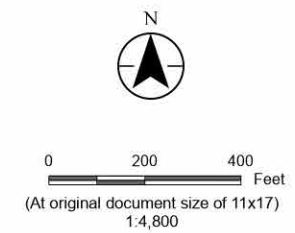
## APPENDIX B

### Detailed Route Maps





- Legend**
- New Foundation & Structure
  - New Structure Only
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Water Trails in Minnesota
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - DNR Native Plant Communities
  - Sites of Biodiversity Significance
  - Moderate
  - Minnesota Public Waters Delineations
  - Public Water Watercourse
  - National Hydrography Dataset
  - Stream
  - FEMA Floodplain and Floodway
  - Floodway
  - 100 Year Floodplain
  - 500 Year Floodplain

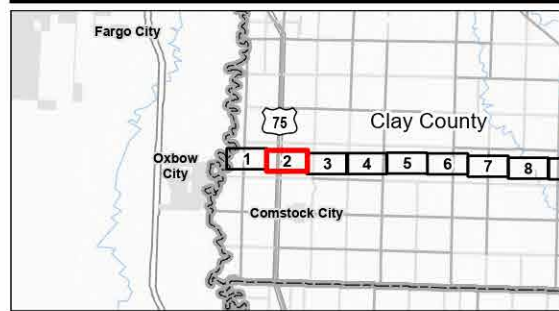
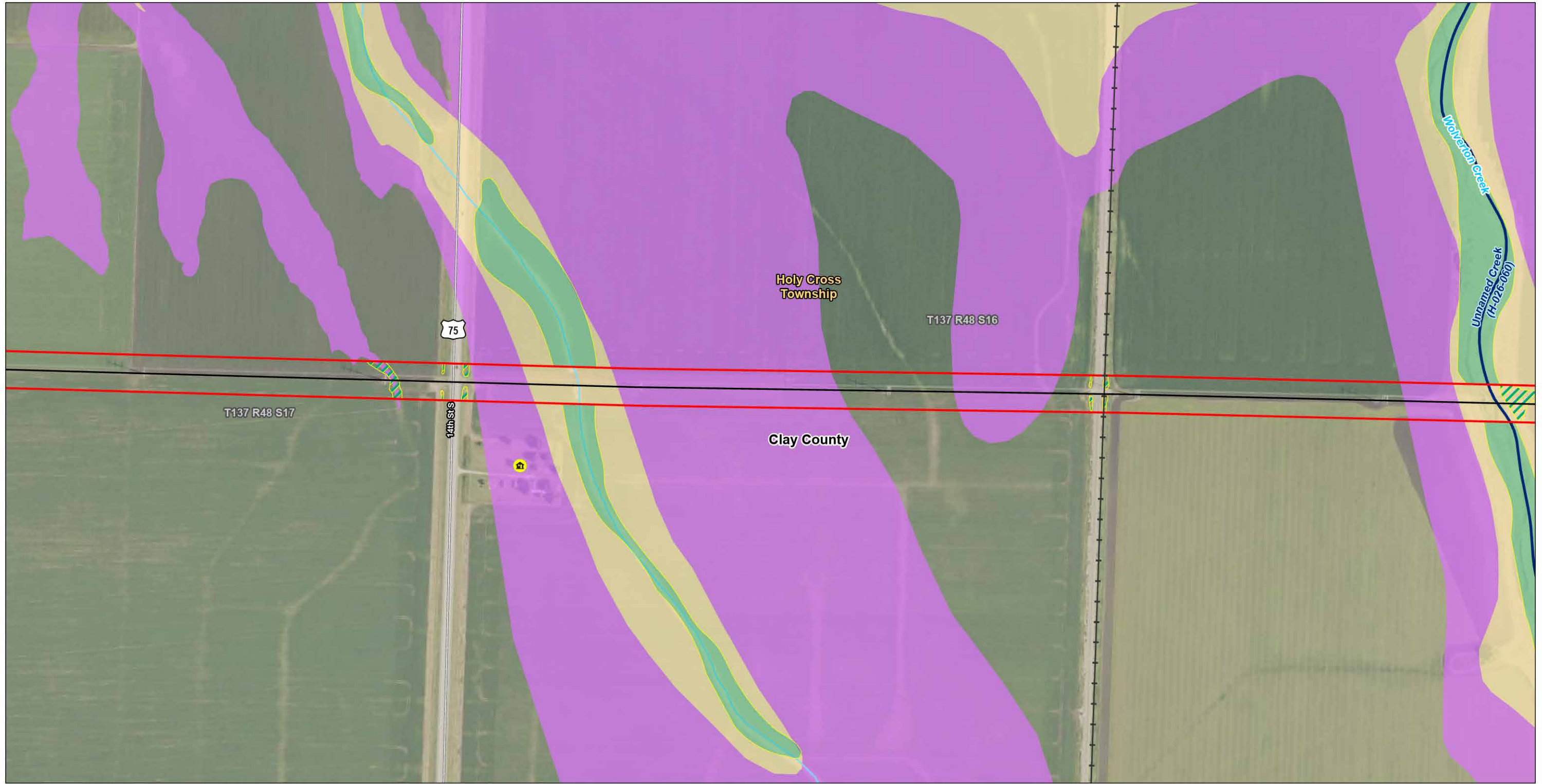


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B1**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



**Legend**

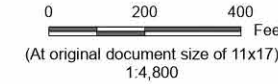
- Existing Transmission Line
- Project Area (Right-of-Way)
- County Subdivision
- County Boundary
- State Boundary
- Residence 300-500 Feet from Centerline

- Railroad
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- Minnesota Public Waters Delineations
- Public Water Watercourse

- National Hydrography Dataset**
- Stream
  - FEMA Floodplain and Floodway
  - 100 Year Floodplain
  - 500 Year Floodplain

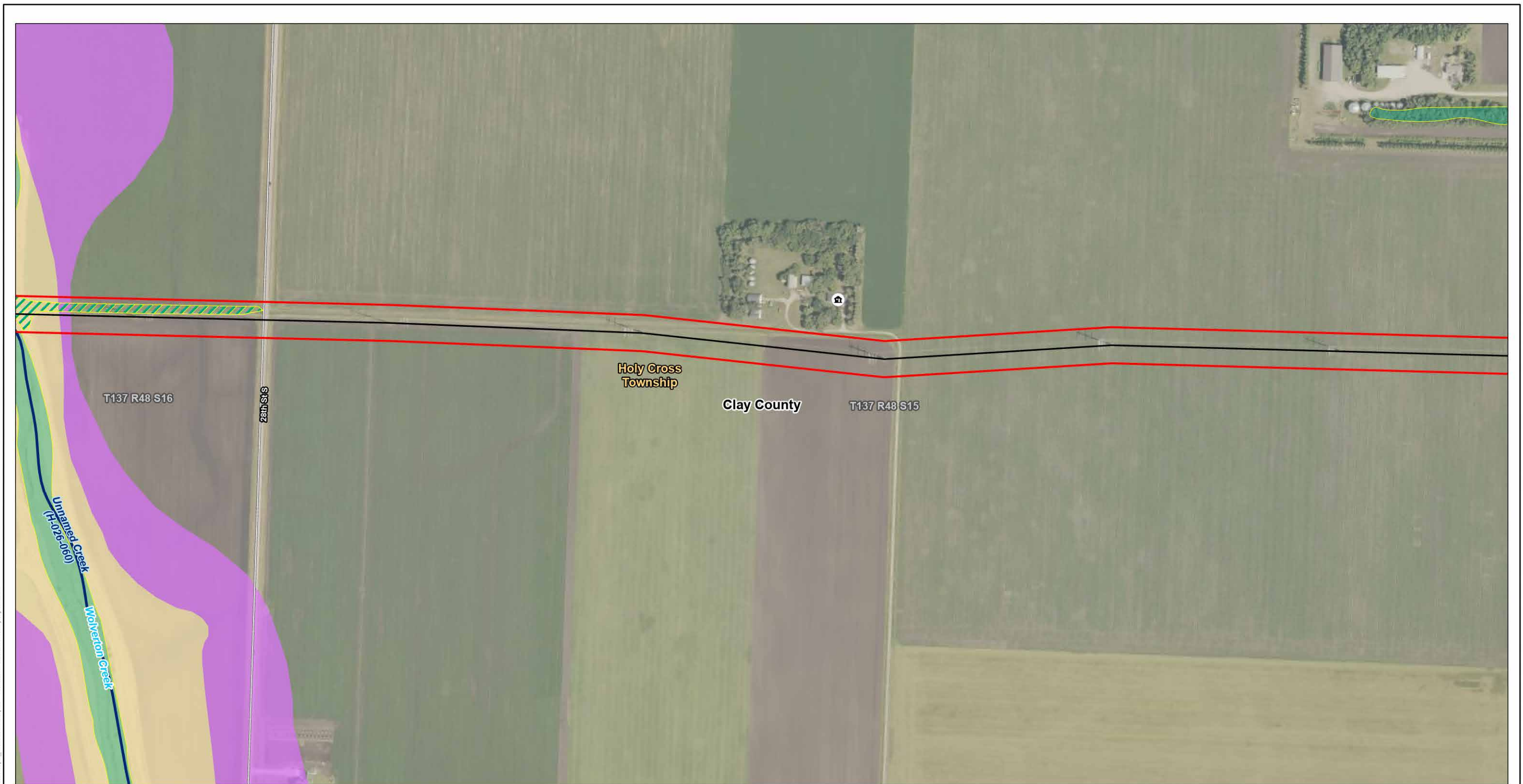
*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

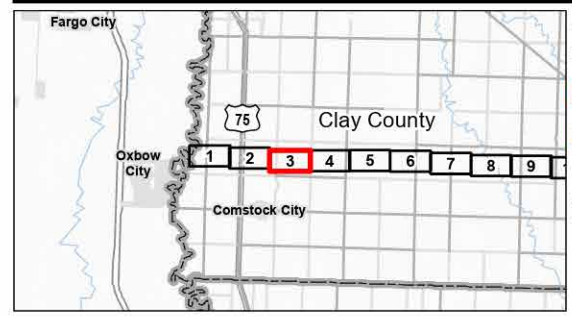


**Appendix B Map B2**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\2277\2277\08122\03\_data\gis\_cad\gis\ac\Pro\pa\_amerdmnt\tpa\_amerdmnt.aprx Revised: 2026-04-15 By: kjmueller



**Legend**

Existing Transmission Line	Desktop Determined Wetlands (Level 1)	National Hydrography Dataset Stream
Project Area (Right-of-Way)	National Wetlands Inventory	FEMA Floodplain and Floodway 100 Year Floodplain
County Subdivision	Minnesota Public Waters Delineations	500 Year Floodplain
County Boundary	Public Water Watercourse	
State Boundary		
Residence 75-300 Feet from Centerline		

**Project Location**  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B3**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

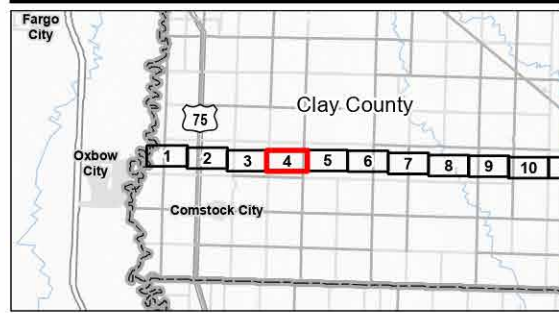
**Notes**  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

0 200 400 Feet  
(At original document size of 11x17)  
1:4,800

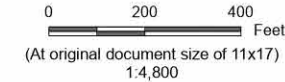
Page 3 of 123



U:\2277\2277\081122\03\_data\gis\_cad\gis\AcPrj\tpa\_amendment\tpa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
-  Existing Transmission Line
  -  Project Area (Right-of-Way)
  -  County Subdivision
  -  County Boundary
  -  State Boundary
  -  Desktop Determined Wetlands (Level 1)
  -  National Wetlands Inventory



*Project Location*  
Clay, Wilkin, Otter Tail, Grant  
and Douglas Counties, Minnesota

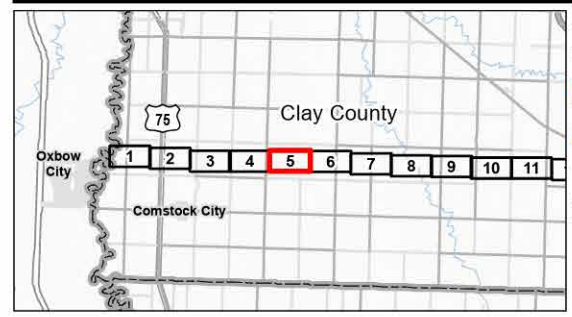
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B4**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

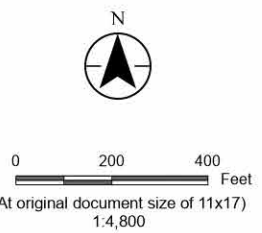
**Notes**  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\2277\2277\081122\03\_data\gis\_cad\gis\AcPrj\tpa\_amendment\tpa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - National Hydrography Dataset
  - Stream

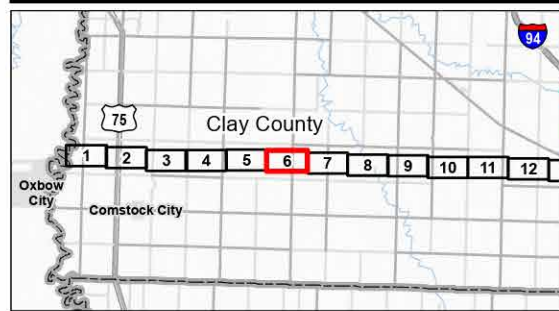


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

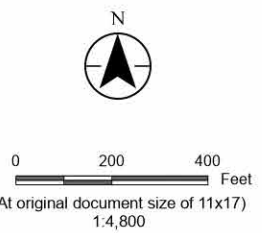
**Appendix B Map B5**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

**Notes**  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- Existing Electric Transmission Line
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory

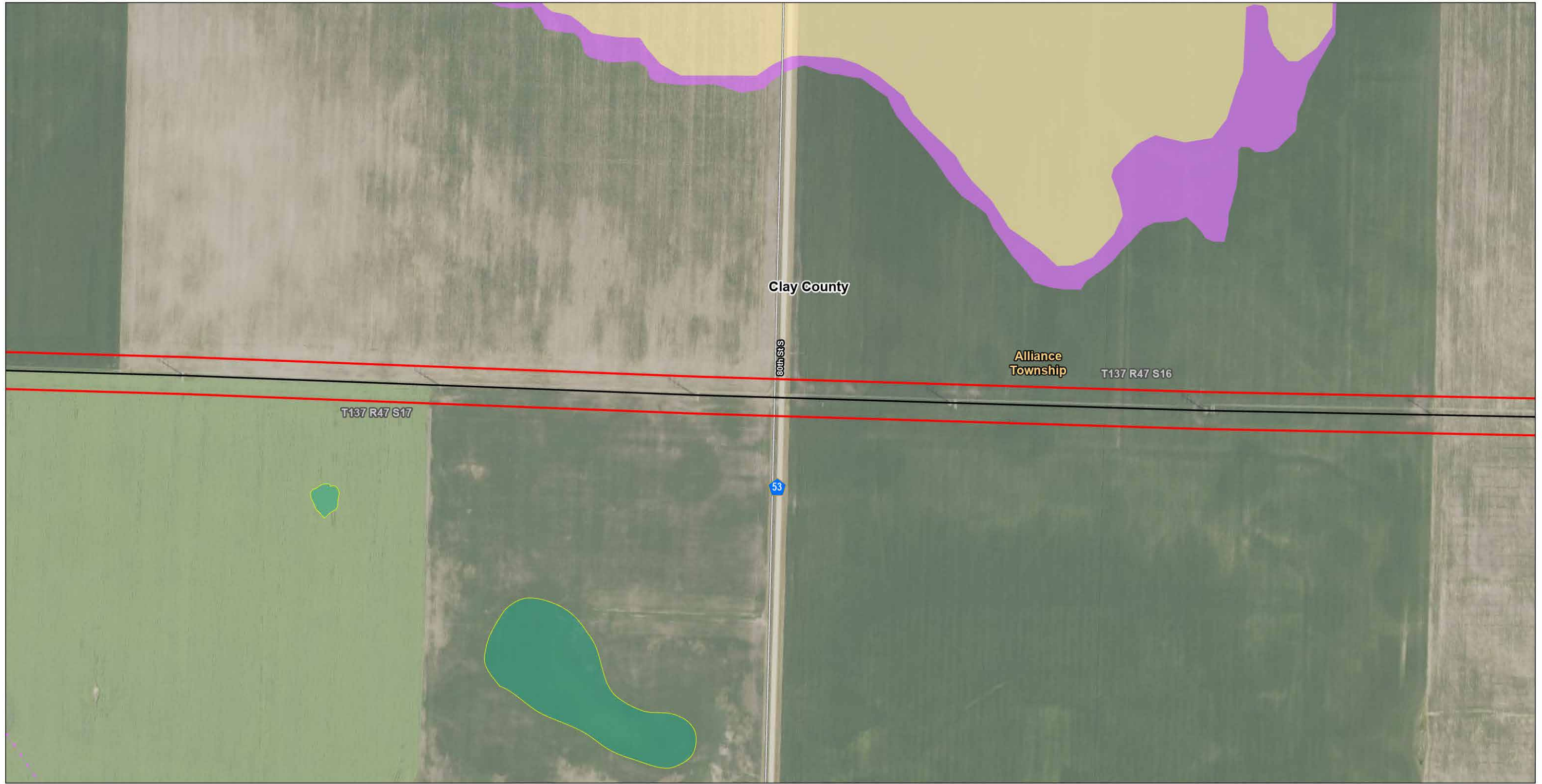


*Project Location*  
Clay, Wilkin, Otter Tail, Grant  
and Douglas Counties, Minnesota

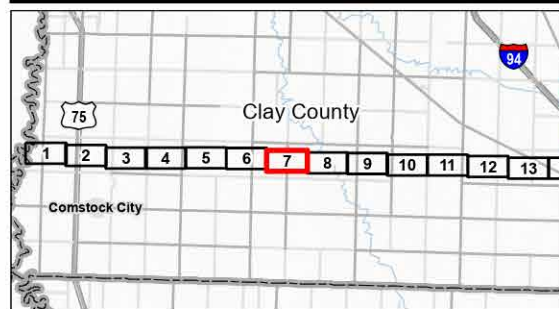
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B6**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

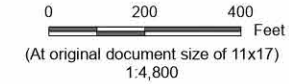
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\227\2271081\22703\_data\gis\_cad\gis\AcPr\tpa\_amendment\tpa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Existing Electric Transmission Line
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - FEMA Floodplain and Floodway
  - 100 Year Floodplain
  - 500 Year Floodplain

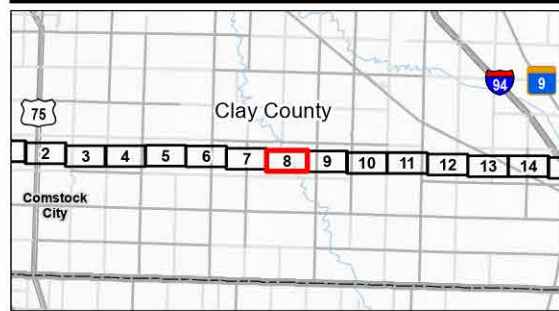


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B7**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



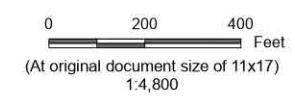
- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- BWSR Conservation Easements (RIM Reserve)
- Public Water Watercourse

- National Hydrography Dataset**
- Stream
  - FEMA Floodplain and Floodway
  - Floodway
  - 100 Year Floodplain
  - 500 Year Floodplain

*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

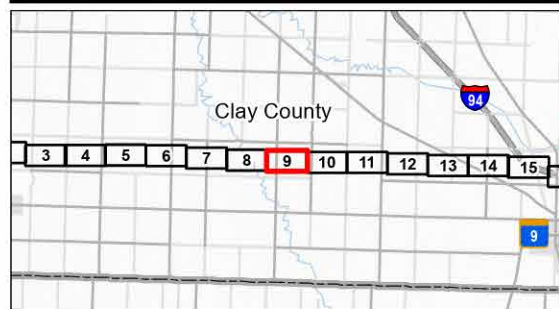


**Appendix B Map B8**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

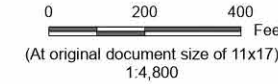


U:\2271\2271081122\03\_data\gis\_cad\gis\AcPrj\tpa\_amendment\tpa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



**Legend**

- New Foundation & Structure
- Existing Transmission Line
- Project Area (Right-of-Way)
- County Subdivision
- County Boundary
- State Boundary
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- BWSR Conservation Easements (RIM Reserve)
- Public Water Watercourse
- National Hydrography Dataset
- Stream
- FEMA Floodplain and Floodway
- 100 Year Floodplain
- 500 Year Floodplain

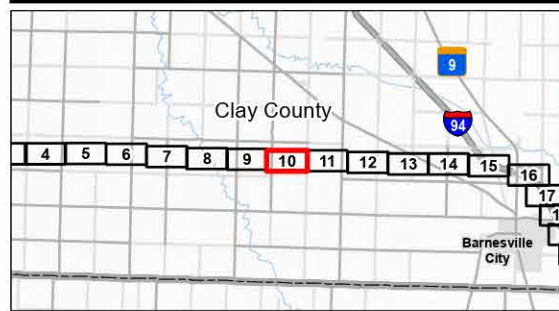
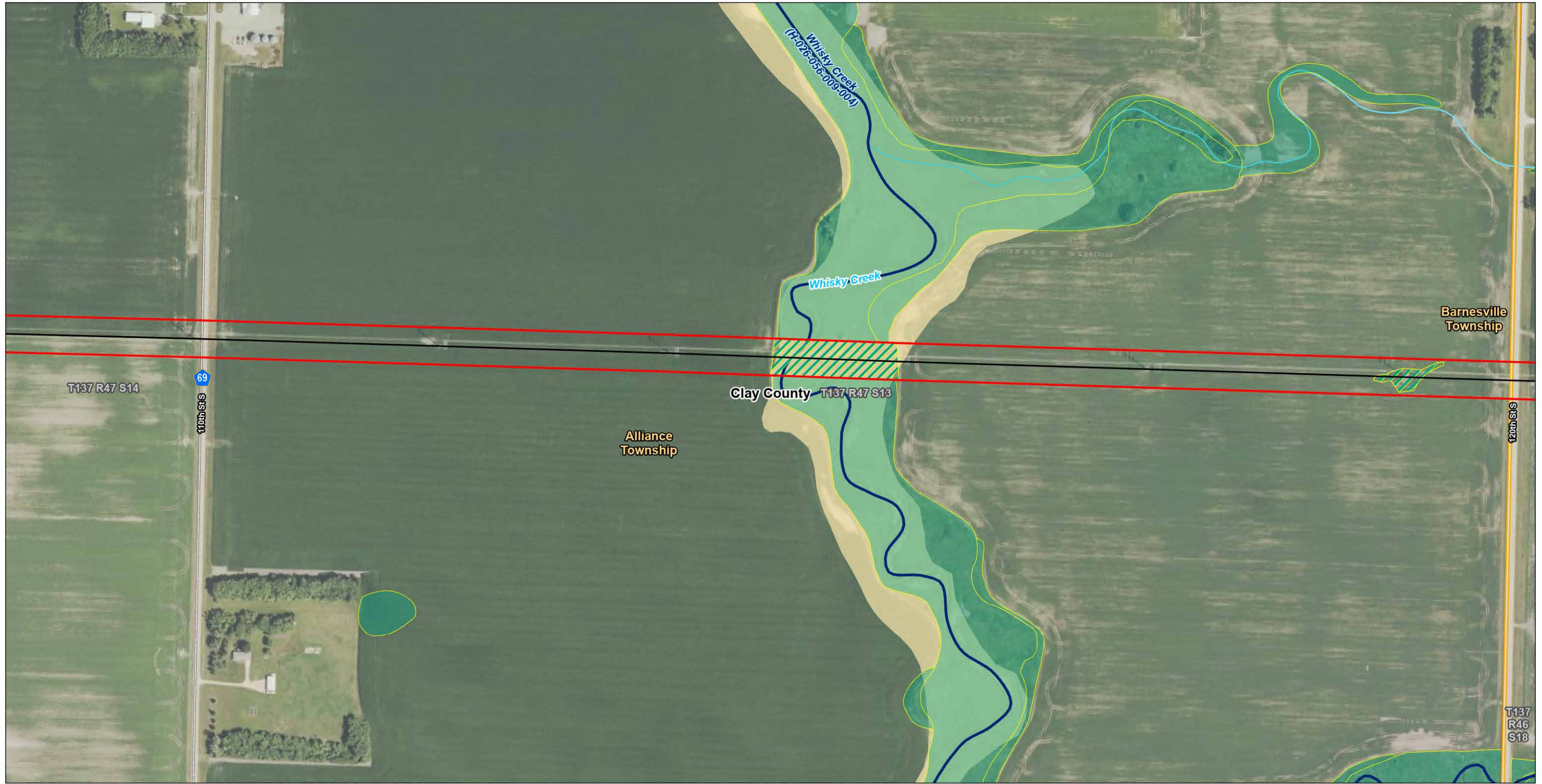


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B9**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

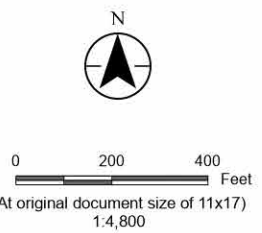
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- Minnesota Public Waters Delineations
- Public Water Watercourse

- National Hydrography Dataset
- Stream
- FEMA Floodplain and Floodway
- 100 Year Floodplain

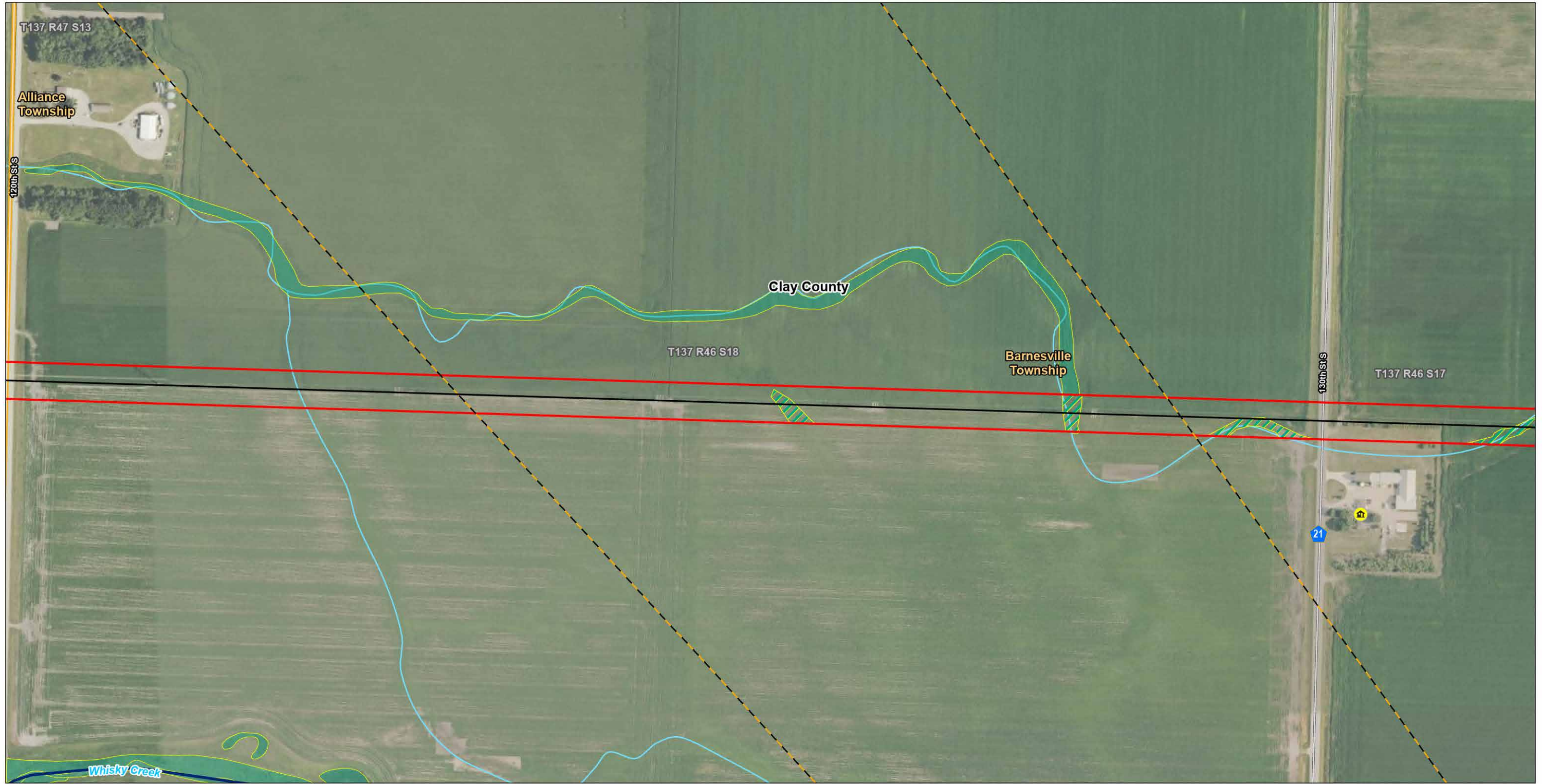


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

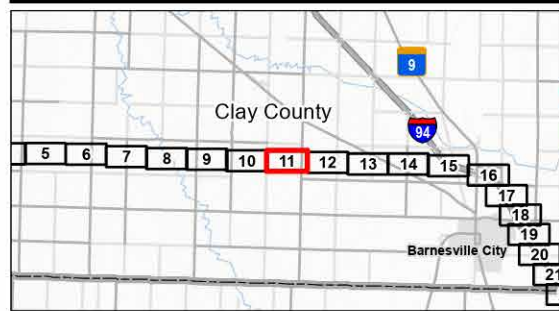
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B10**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

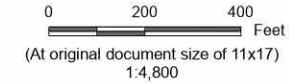


U:\2277\2277\08122\03\_data\gis\_cad\gis\ac\proj\pa\_amer\amend\map\_amer\amend\map\_amer.aprx Revised: 2026-04-15 By: kjmueller



**Legend**

- Existing Transmission Line
- Project Area (Right-of-Way)
- County Subdivision
- County Boundary
- State Boundary
- Residence 300-500 Feet from Centerline
- Hazardous Liquid Pipelines
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- Minnesota Public Waters Delineations
- Public Water Watercourse
- National Hydrography Dataset
- Stream

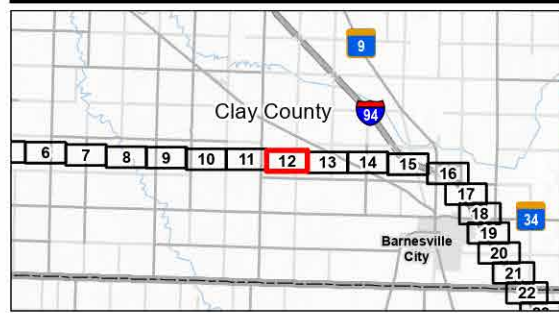
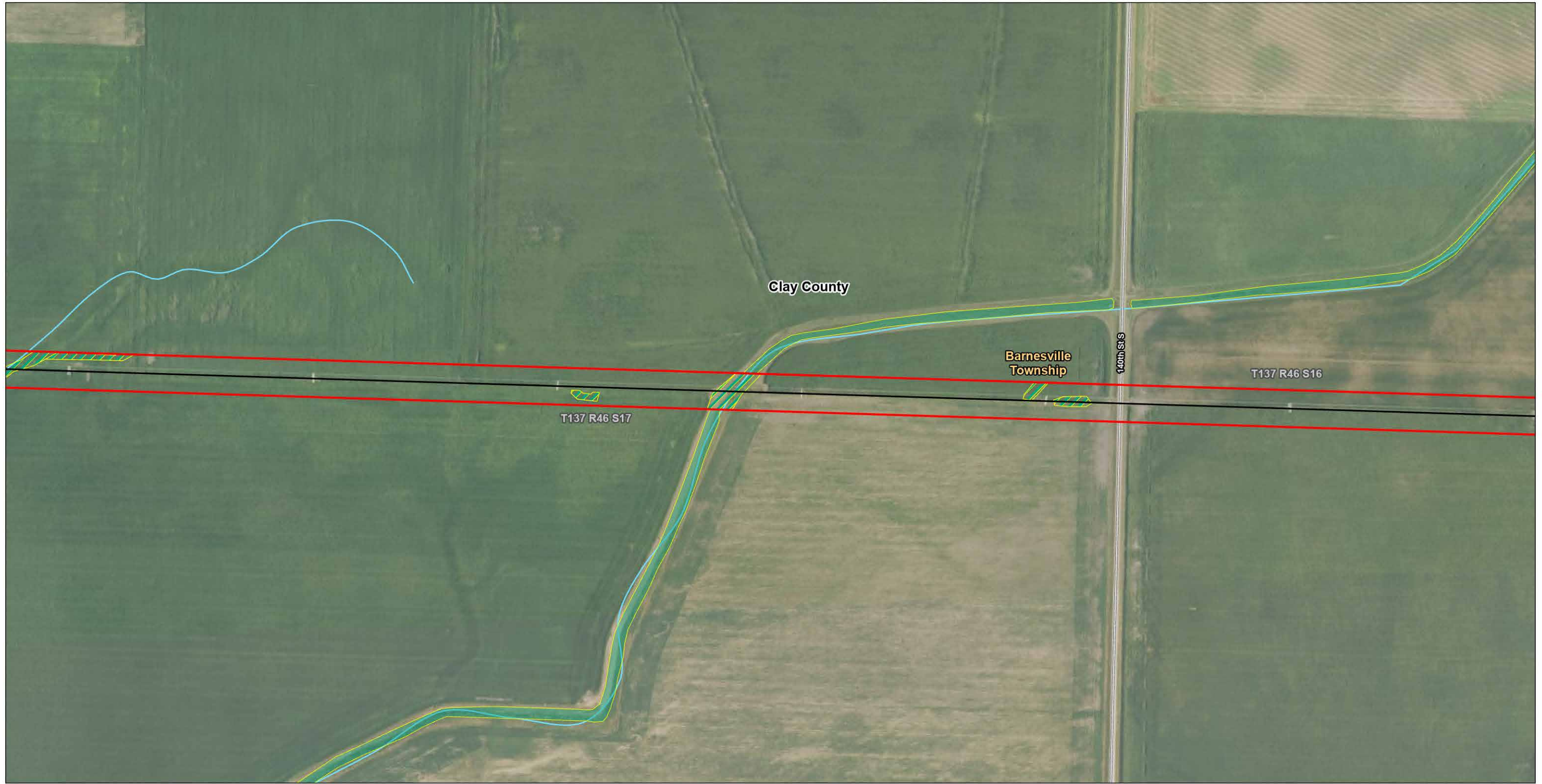


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

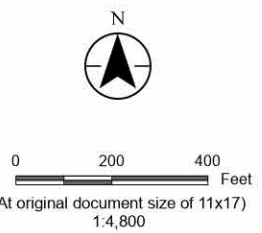
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B11**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - National Hydrography Dataset
  - Stream

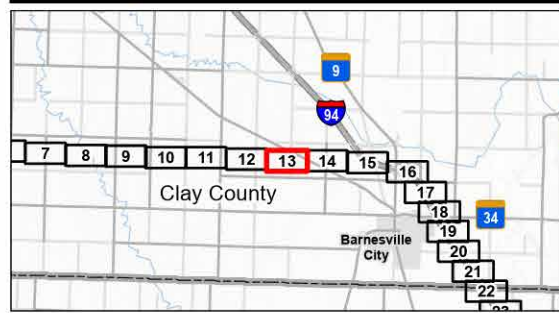
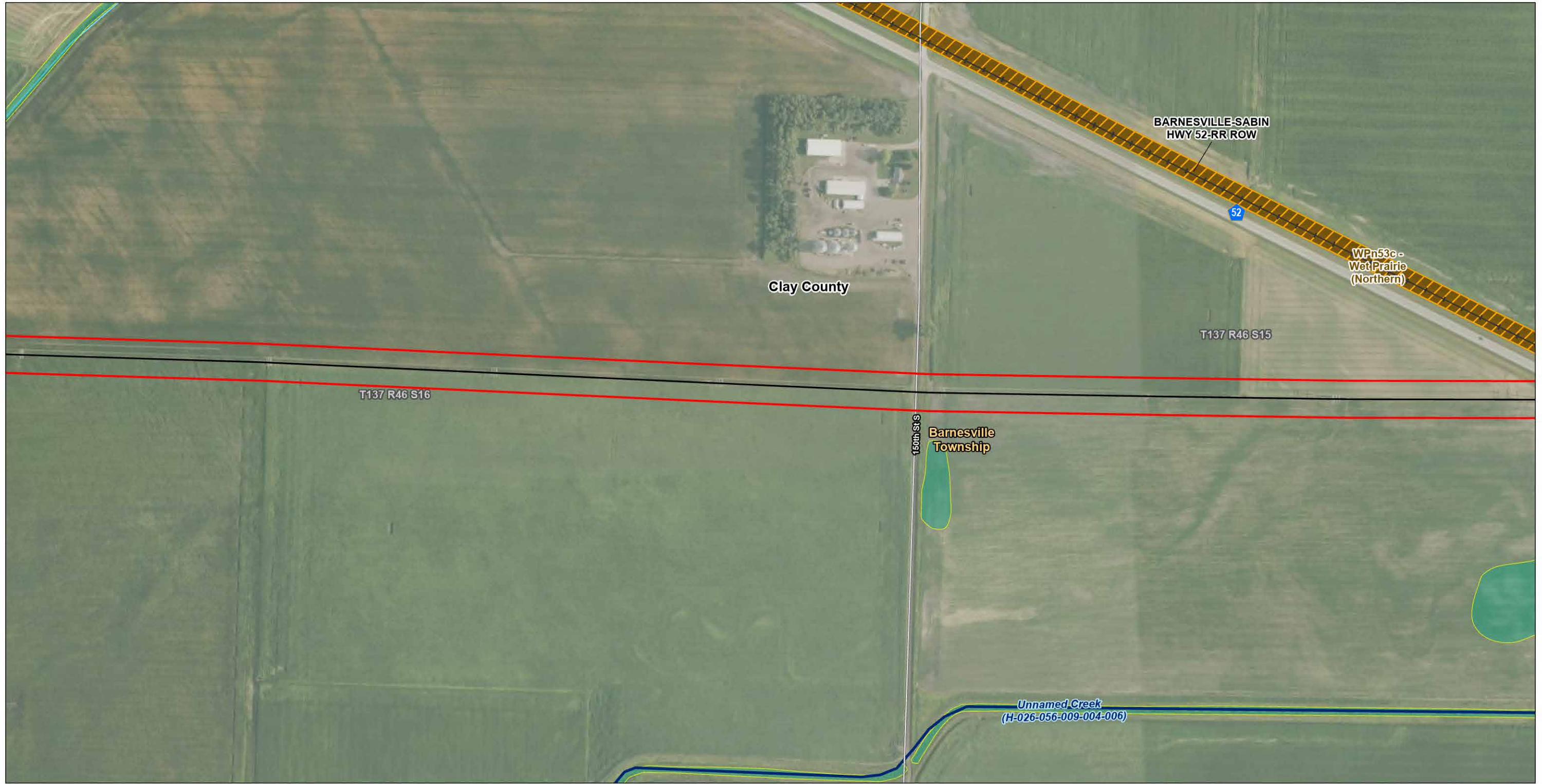


*Project Location*  
Clay, Wilkin, Otter Tail, Grant  
and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B12**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



**Legend**

- Existing Transmission Line
- Project Area (Right-of-Way)
- County Subdivision
- County Boundary
- State Boundary
- Railroad

- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- DNR Native Plant Communities Sites of Biodiversity Significance
- Moderate

- Minnesota Public Waters Delineations
- Public Water Watercourse
- National Hydrography Dataset
- Stream



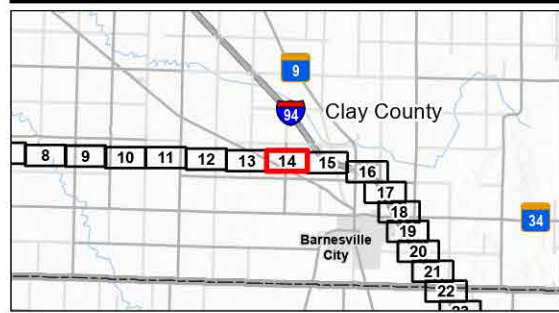
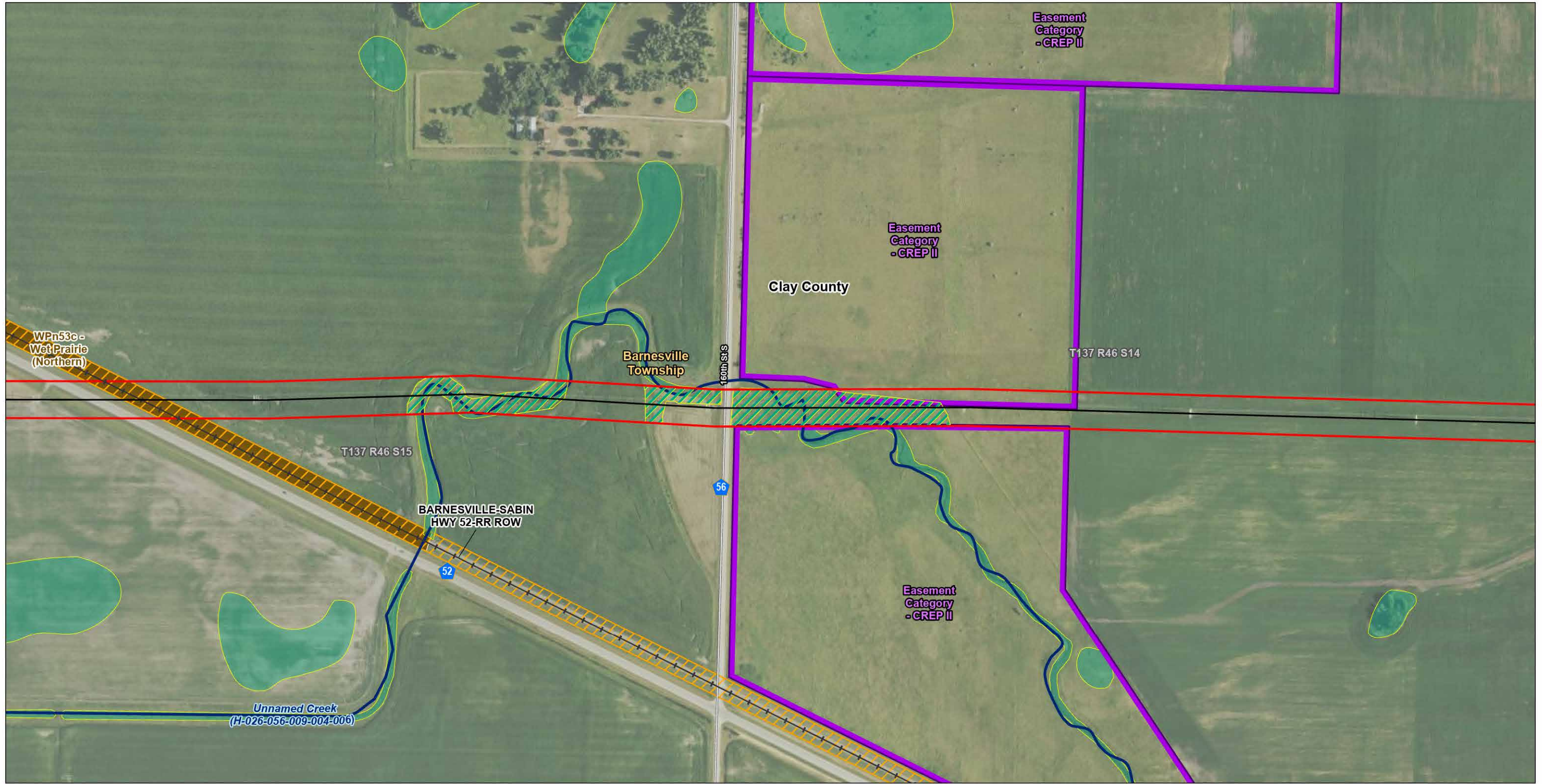
0 200 400 Feet  
 (At original document size of 11x17)  
 1:4,800

*Project Location*  
 Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
 TR by AR on 2026-01-13  
 IR by NP on 2026-01-13

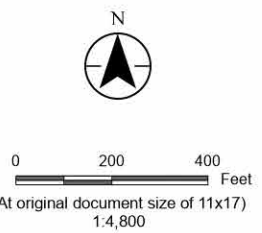
**Appendix B Map B13**  
**Detailed Project Area Map**  
 Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
 Transmission Project  
 Route Permit Amendment

Notes  
 1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
 2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
 3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Railroad

- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- DNR Native Plant Communities
- BWSR Conservation Easements (RIM Reserve)
- Sites of Biodiversity Significance Moderate
- Minnesota Public Waters Delineations
- Public Water Watercourse
- National Hydrography Dataset
- Stream

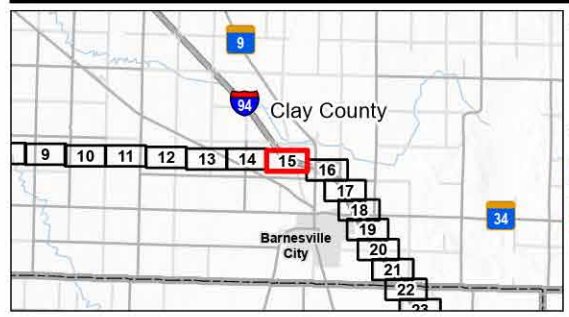
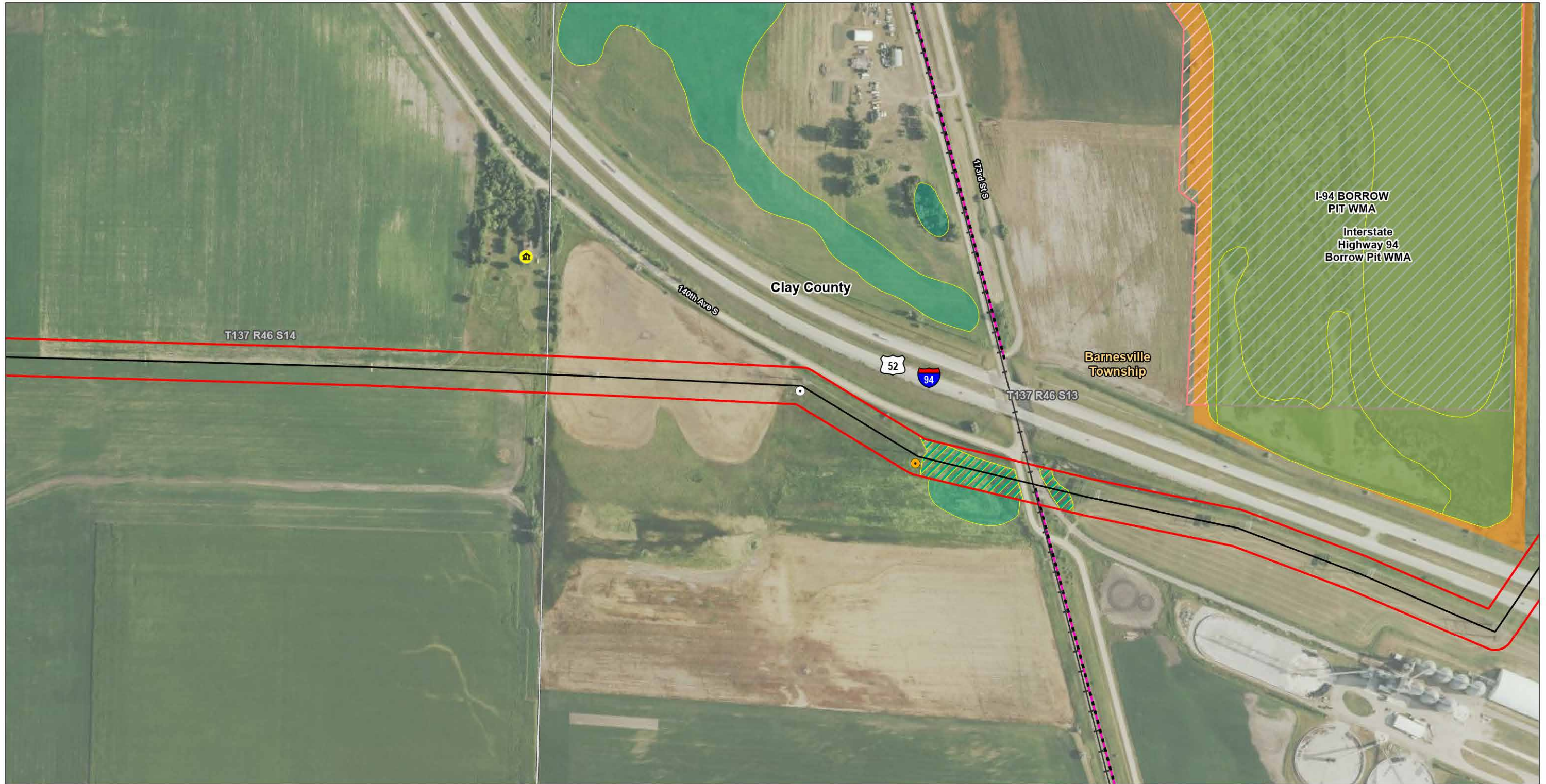


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B14**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

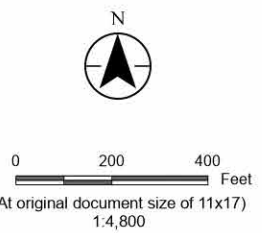
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- New Foundation & Structure
  - New Structure Only
  - Existing Transmission Line
  - ▭ Project Area (Right-of-Way)
  - ▭ County Subdivision
  - ▭ County Boundary

- ▭ State Boundary
- 🏠 Residence 300-500 Feet from Centerline
- Railroad
- ▭ Desktop Determined Wetlands (Level 1)
- ▭ National Wetlands Inventory

- ▭ MBS Railroad Rights-of-Way Prairies
- ▭ Good
- ▭ Sites of Biodiversity Significance
- ▭ Below
- ▭ MNDNR Management Units - LRS
- ▭ Wildlife Management Area - WMA

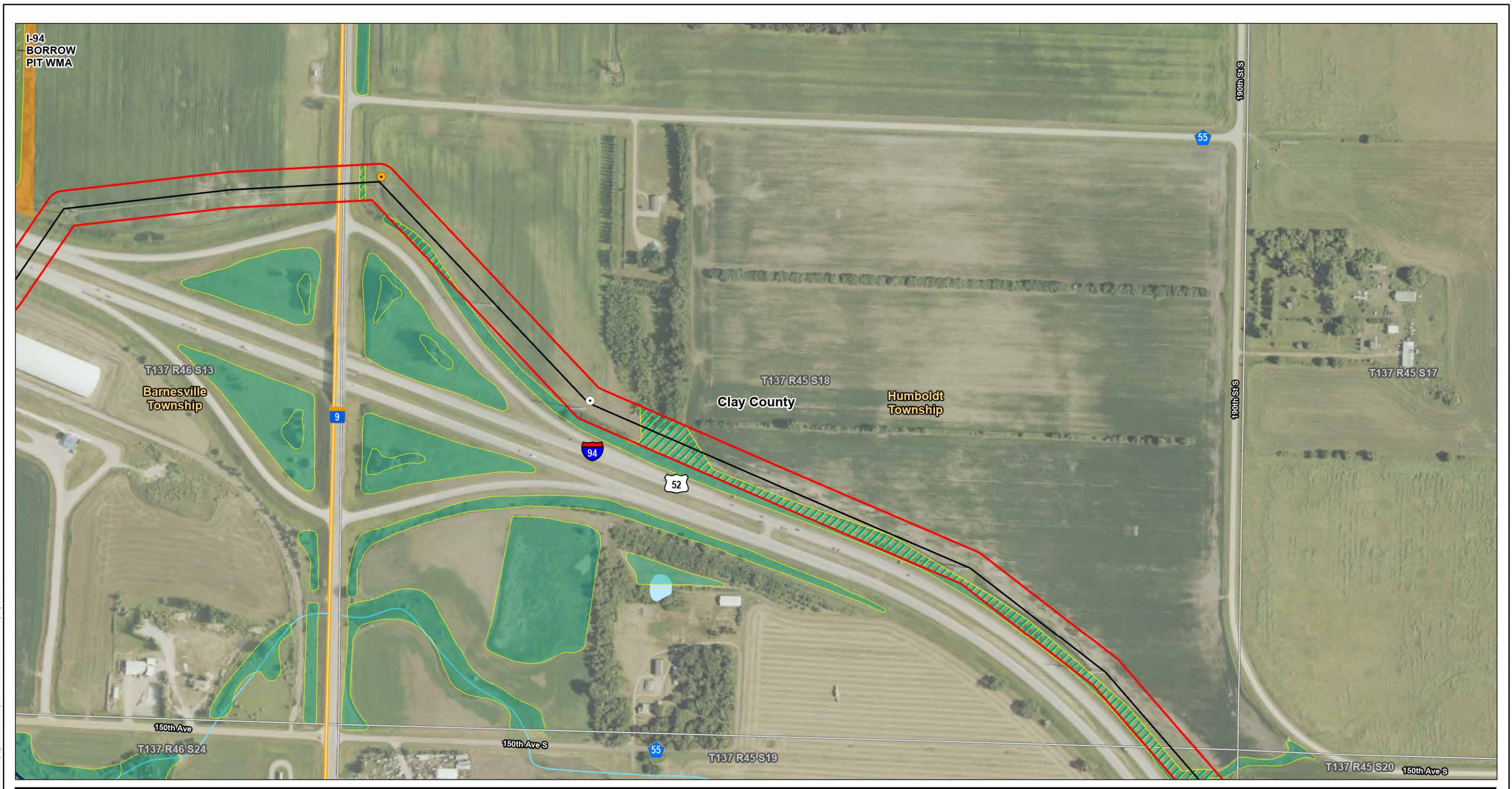


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

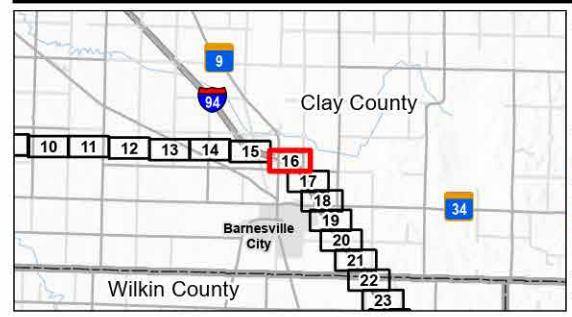
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B15**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



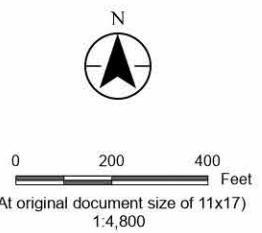
U:\277\2771081\2771081\_2771081\_2771081.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- New Foundation & Structure
  - New Structure Only
  - Existing Transmission Line
  - ▭ Project Area (Right-of-Way)
  - ▭ County Subdivision
  - ▭ County Boundary
  - ▭ State Boundary

- ▭ Desktop Determined Wetlands (Level 1)
- ▭ National Wetlands Inventory
- ▭ Sites of Biodiversity Significance
- ▭ Below
- ▭ MNDNR Management Units - LRS
- ▭ Wildlife Management Area - WMA

- Minnesota Public Waters Delineations**
- Public Water Watercourse
  - ▭ National Hydrography Dataset
  - ▭ Waterbody
  - Stream

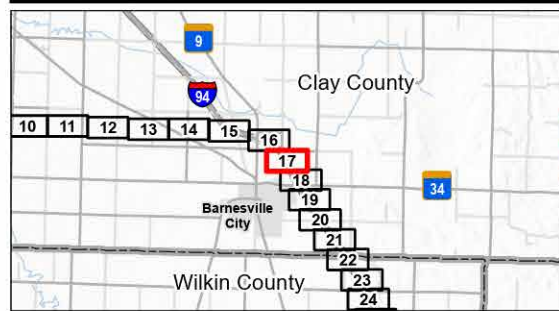
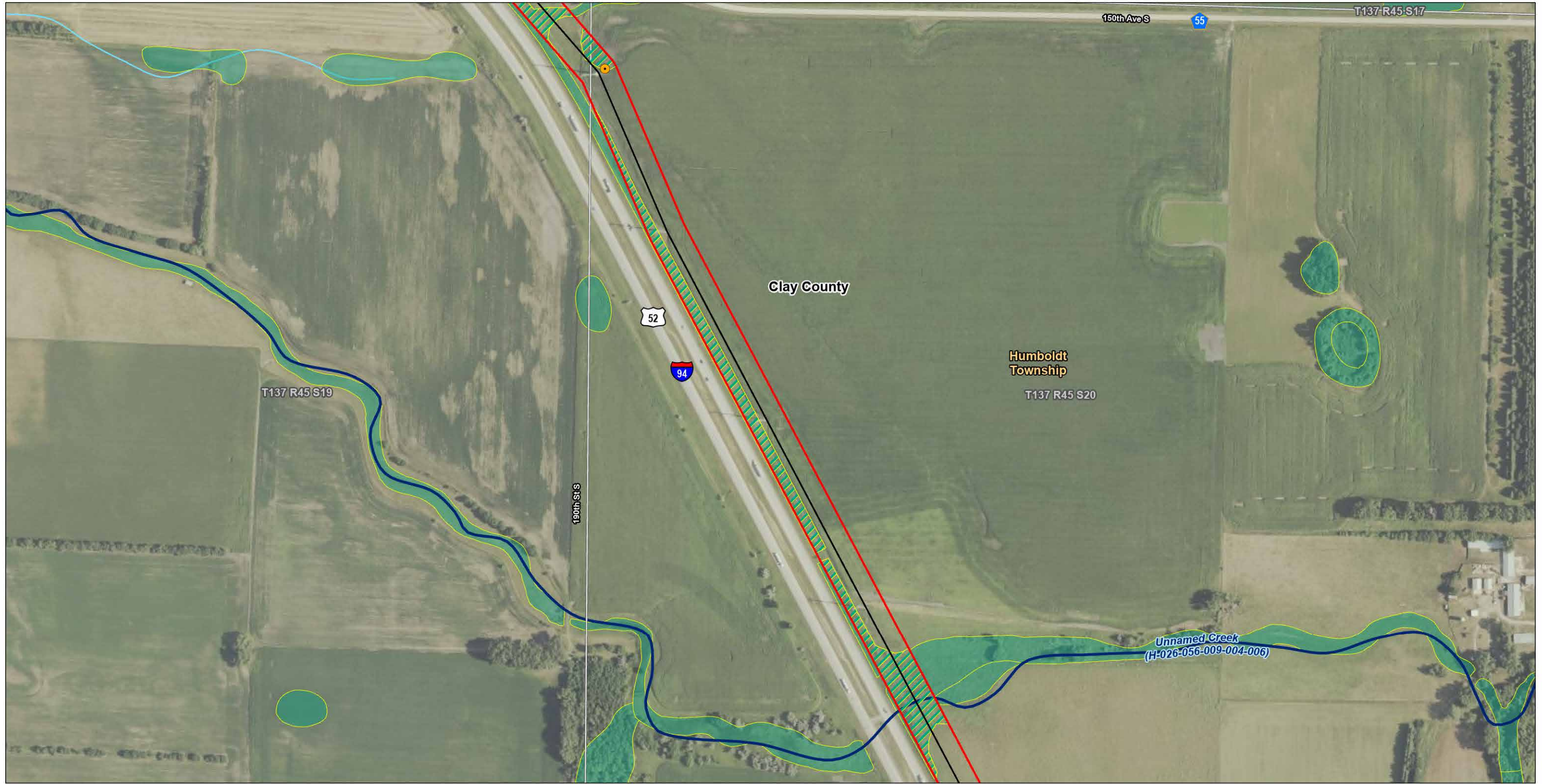


**Project Location**  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B16**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

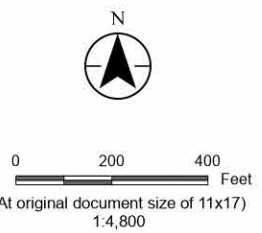
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary

- State Boundary
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory

- Minnesota Public Waters Delineations**
- Public Water Watercourse
  - National Hydrography Dataset
  - Stream

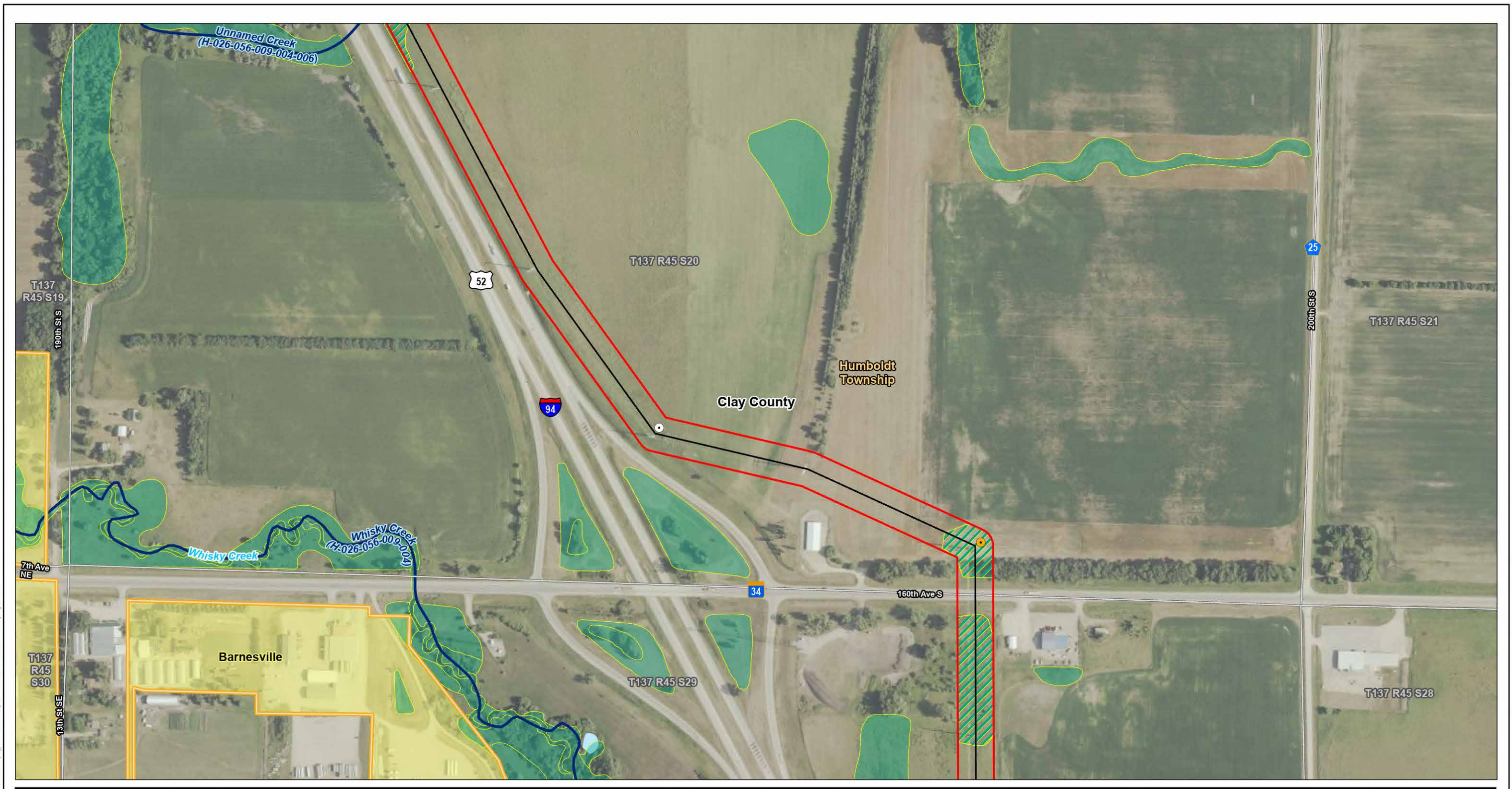


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

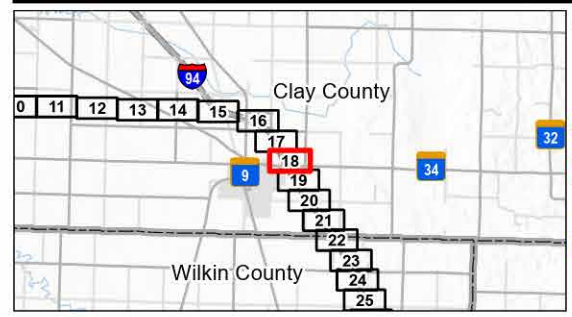
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B17**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

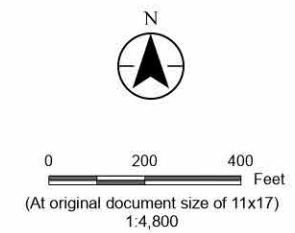
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\2277\2277\081122\03\_data\gis\_cad\gis\AcPr\Prpa\_amendment\prpa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- New Foundation & Structure
  - New Structure Only
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - Municipality
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - Minnesota Public Waters Delineations
  - Public Water Watercourse National Hydrography Dataset
  - Waterbody
  - Stream

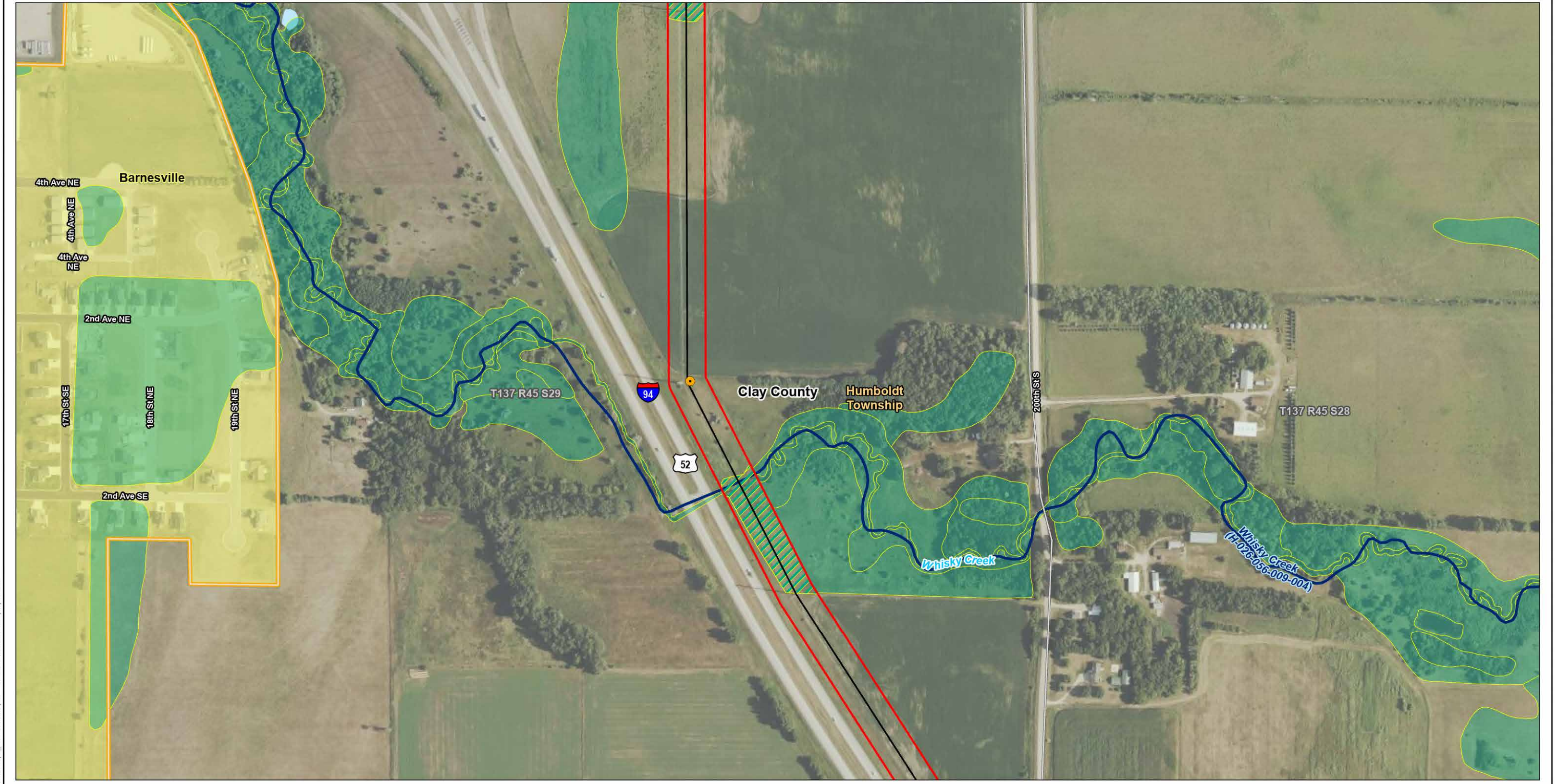


**Project Location**  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

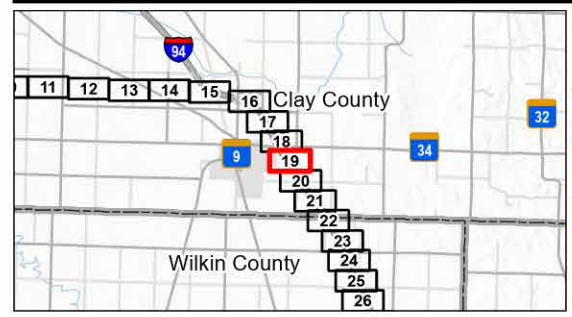
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B18**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



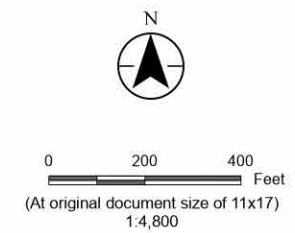
U:\2277\2277081\2203\_data\gis\_cad\gis\ac\proj\pa\_amer\pa\_amer\pa\_amer\pa\_amer.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - Municipality
  - County Subdivision

- County Boundary
- State Boundary
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory

- Minnesota Public Waters Delineations**
- Public Water Watercourse
  - National Hydrography Dataset Waterbody
  - Stream

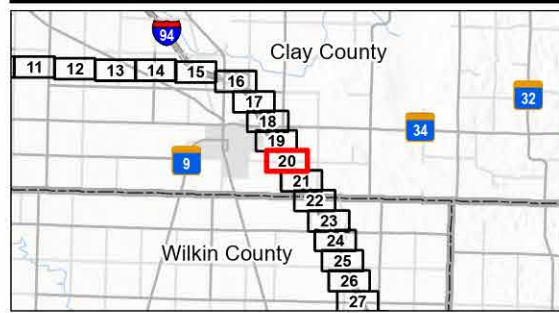
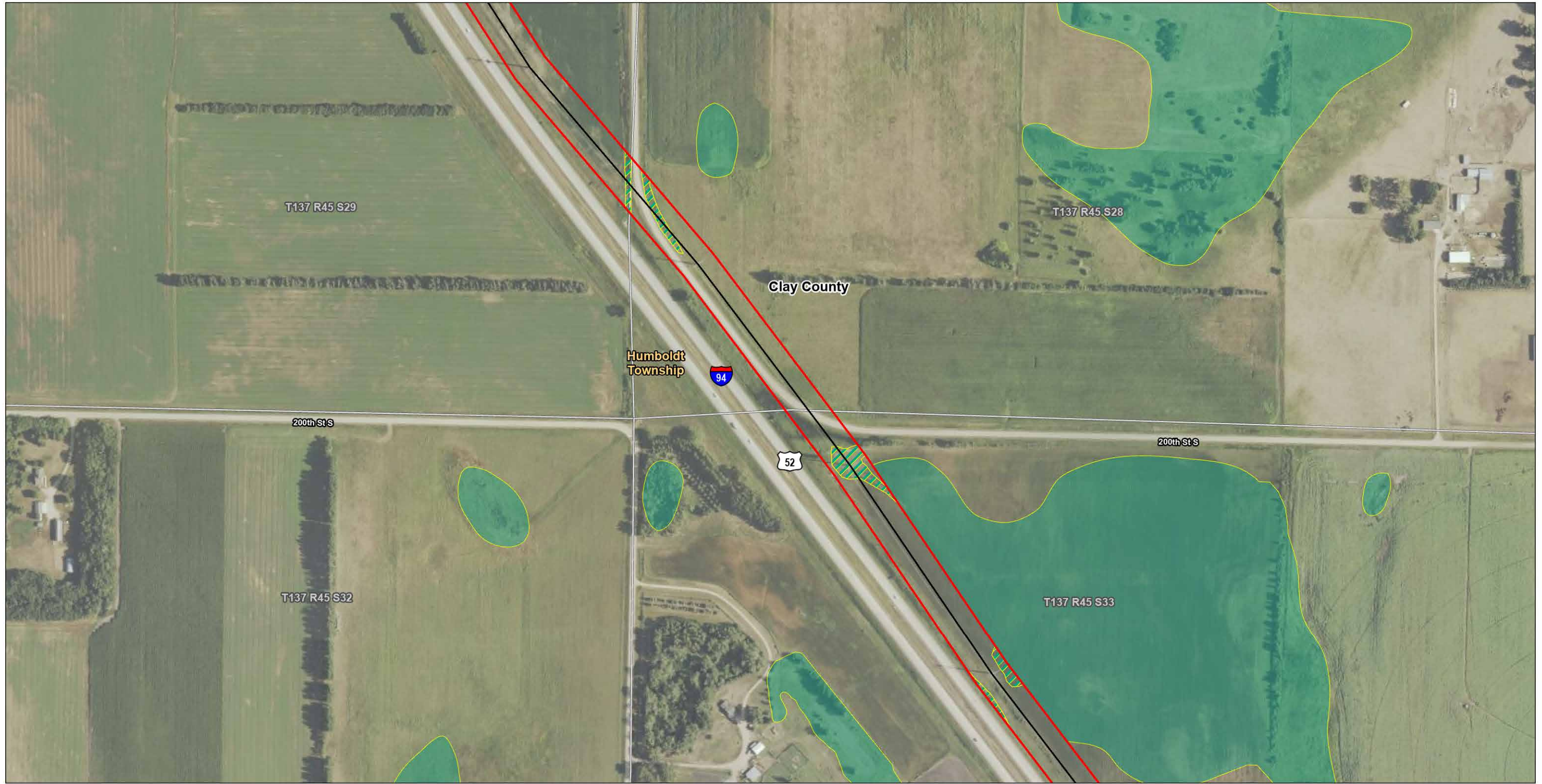


**Project Location**  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B19**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

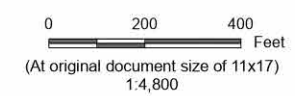
**Notes**  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory

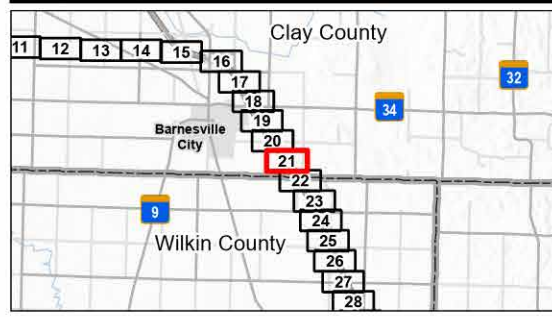
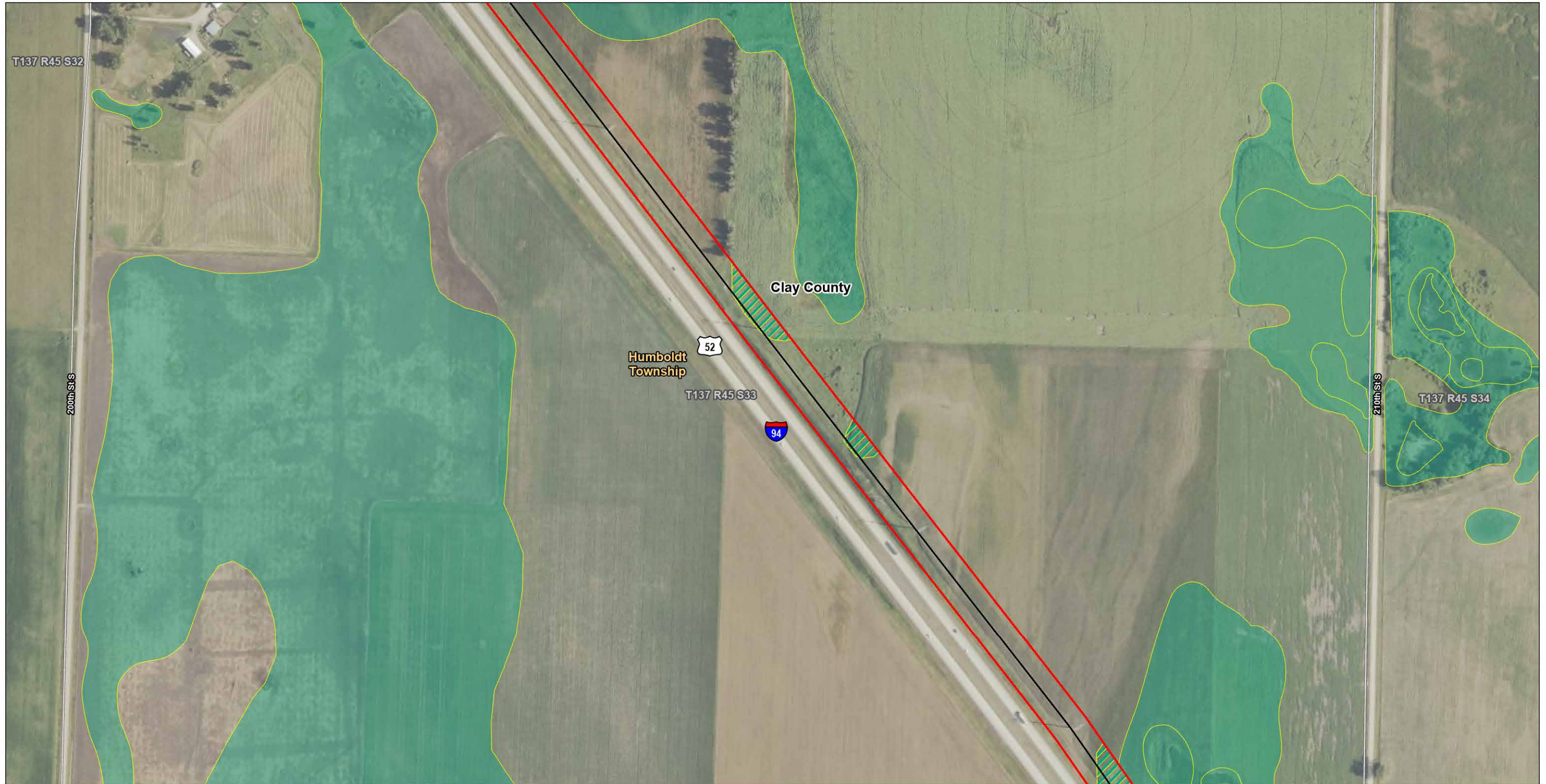
*Project Location*  
Clay, Wilkin, Otter Tail, Grant  
and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

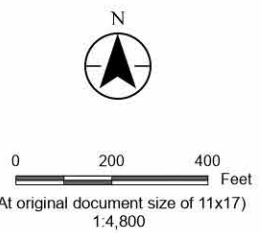


**Appendix B Map B20**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory

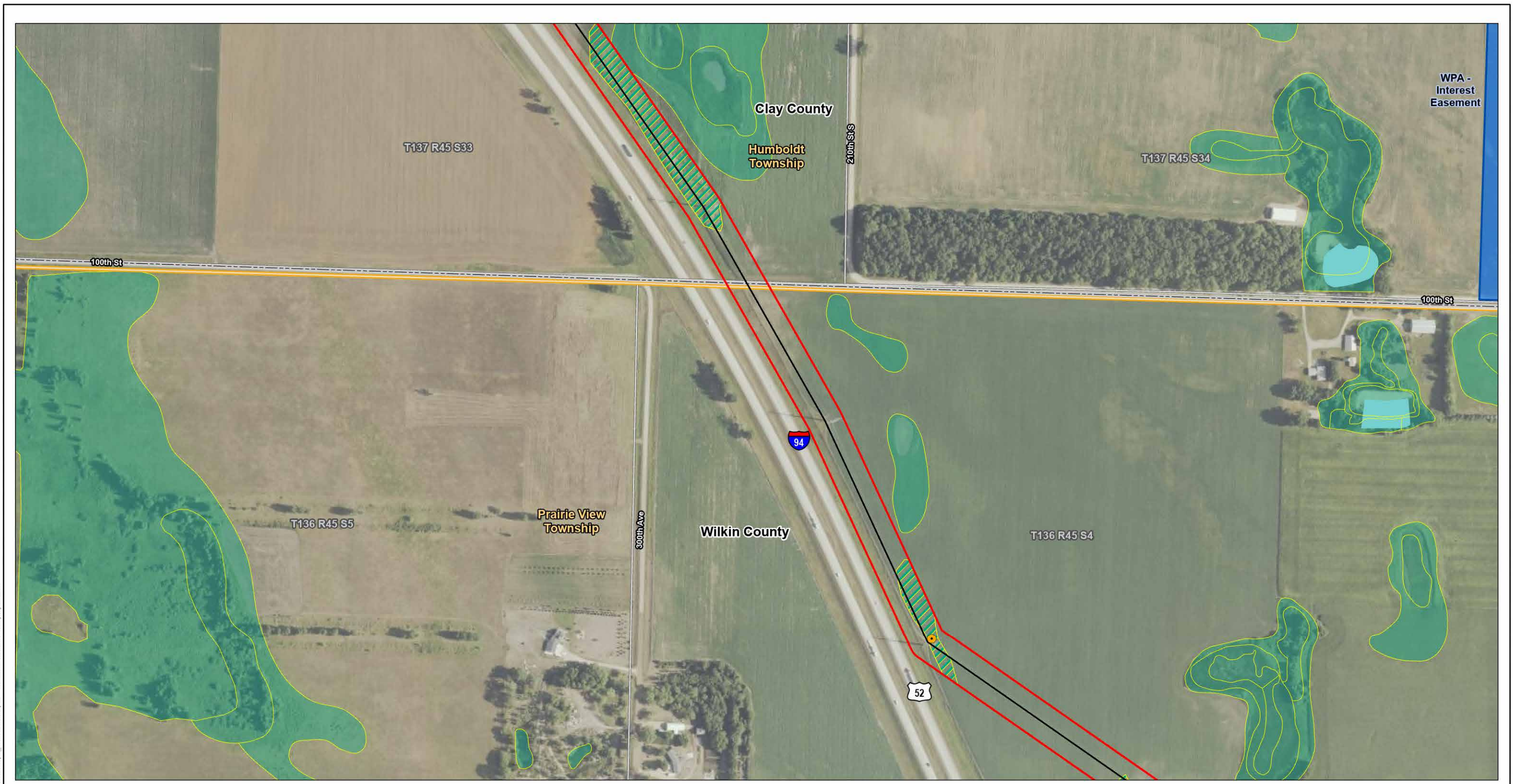


*Project Location*  
Clay, Wilkin, Otter Tail, Grant  
and Douglas Counties, Minnesota

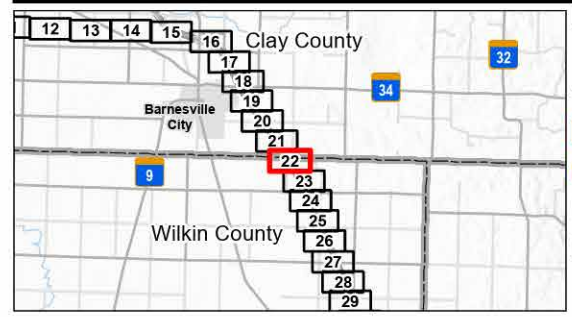
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B21**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

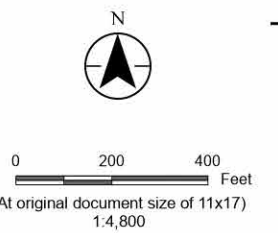
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\277\2277\081122\03\_data\gis\_cad\gis\AcPro\tpa\_amer\amer\tpa\_amer\tpa\_amer\tpa\_amer.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - USFWS Interest
  - Waterfowl Production Area
  - National Hydrography Dataset
  - Waterbody

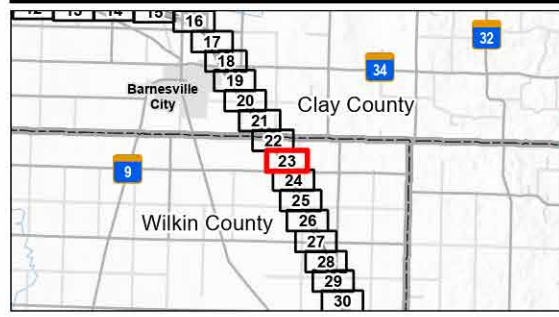
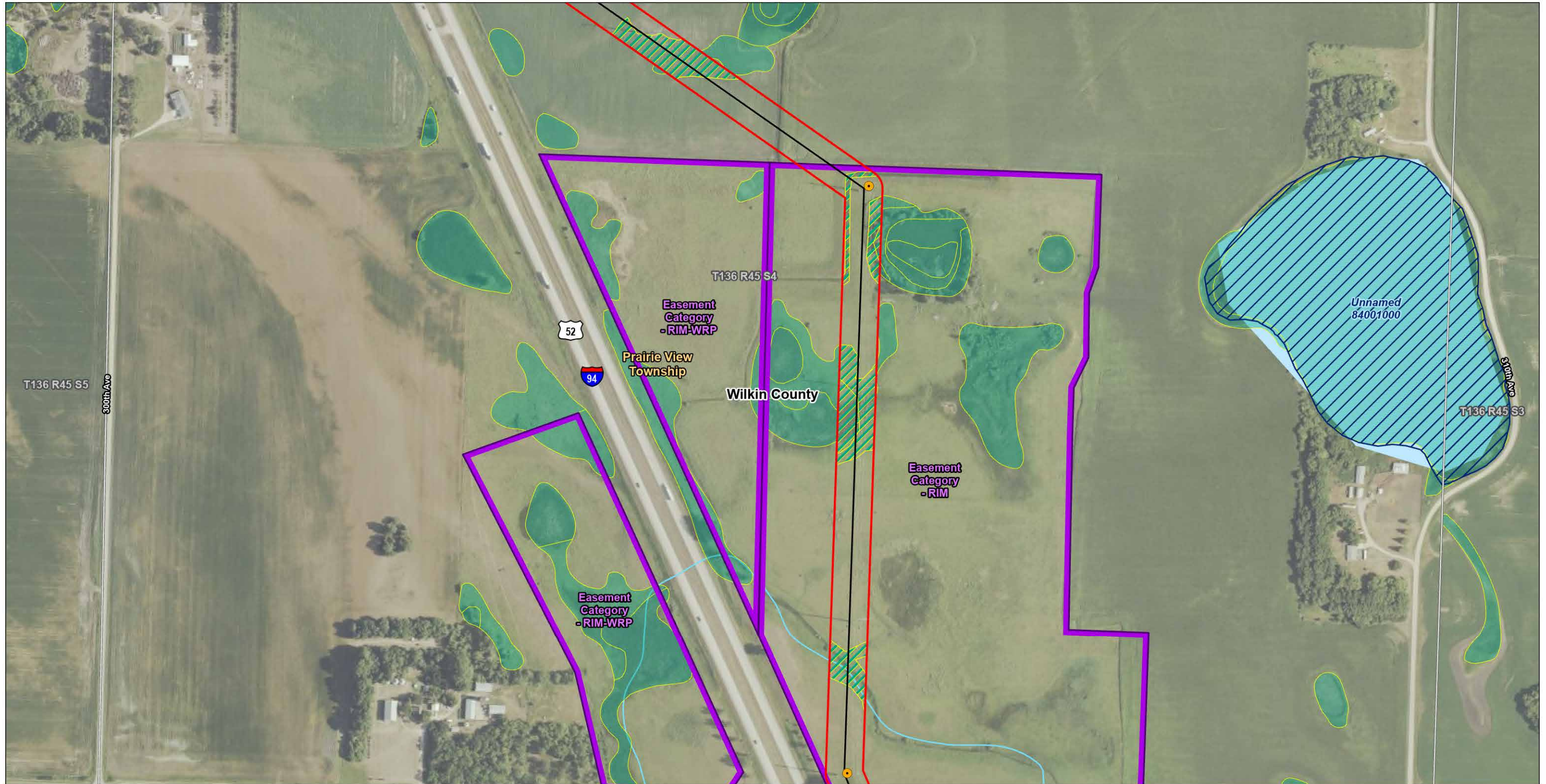


*Project Location*  
Clay, Wilkin, Otter Tail, Grant  
and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B22**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

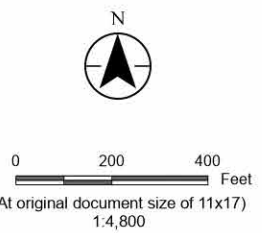
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary

- State Boundary
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- BWSR Conservation Easements (RIM Reserve)

- Public Waters Basins
- National Hydrography Dataset
- Waterbody
- Stream

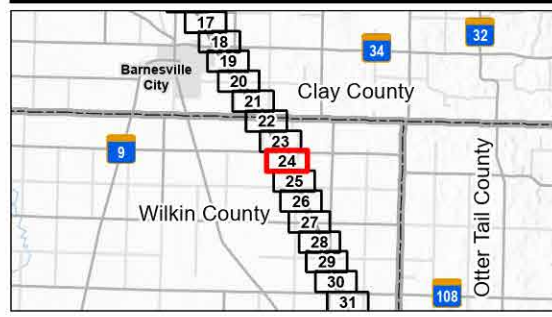
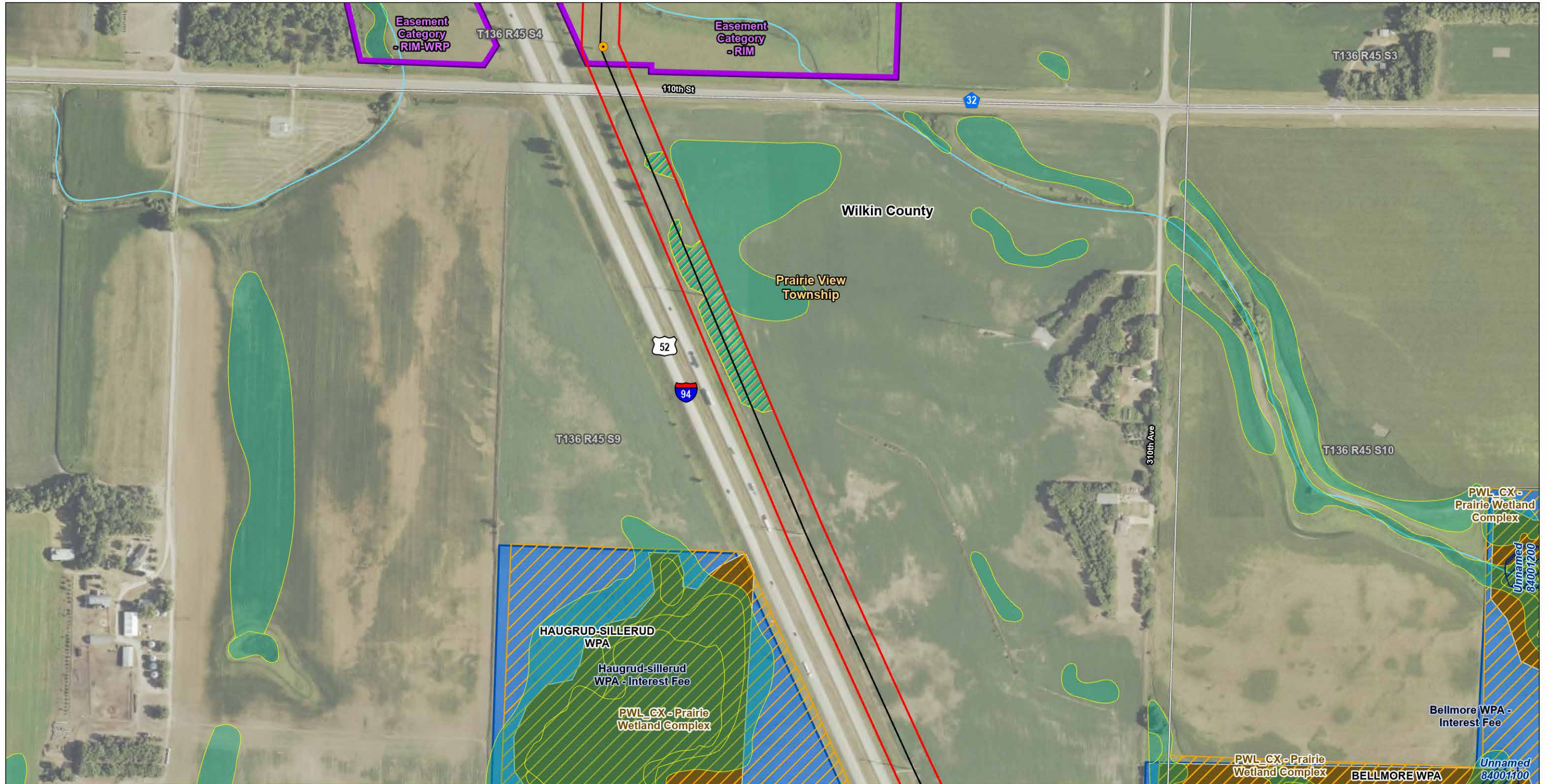


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

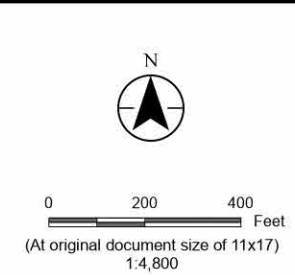
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B23**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - DNR Native Plant Communities
  - BWSR Conservation Easements (RIM Reserve)
  - Sites of Biodiversity Significance
  - Moderate USFWS Interest
  - Waterfowl Production Area
  - Minnesota Public Waters Delineations
  - Public Waters Basins
  - National Hydrography Dataset
  - Stream

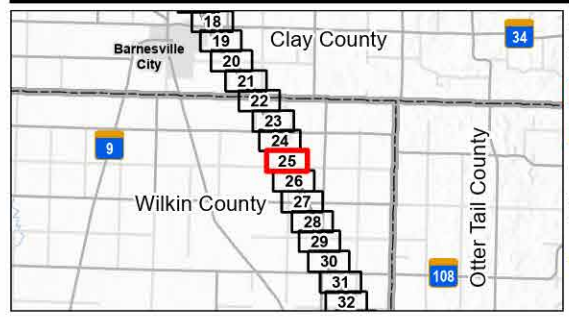
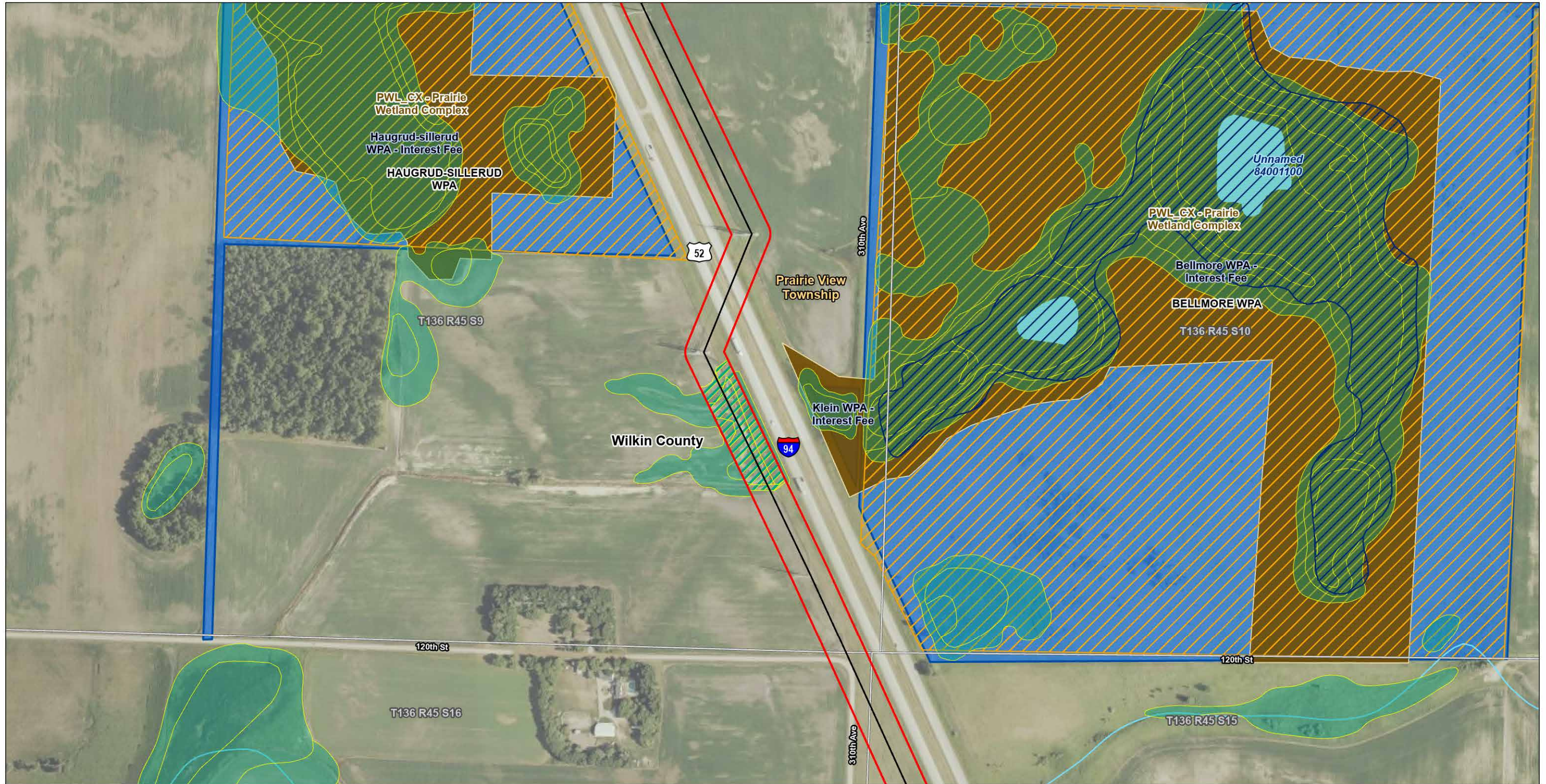


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B24**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

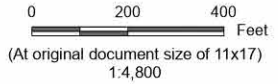
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)

- National Wetlands Inventory
- DNR Native Plant Communities
- Sites of Biodiversity Significance
- Moderate USFWS Interest
- Waterfowl Production Area

- Minnesota Public Waters Delineations**
- Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream

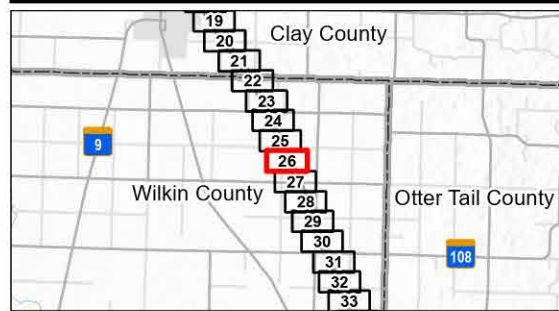


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B25**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

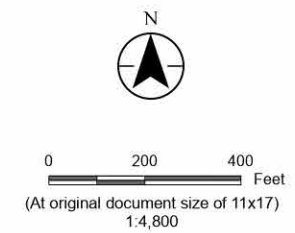
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Existing Electric Transmission Line
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - National Hydrography Dataset
  - Stream

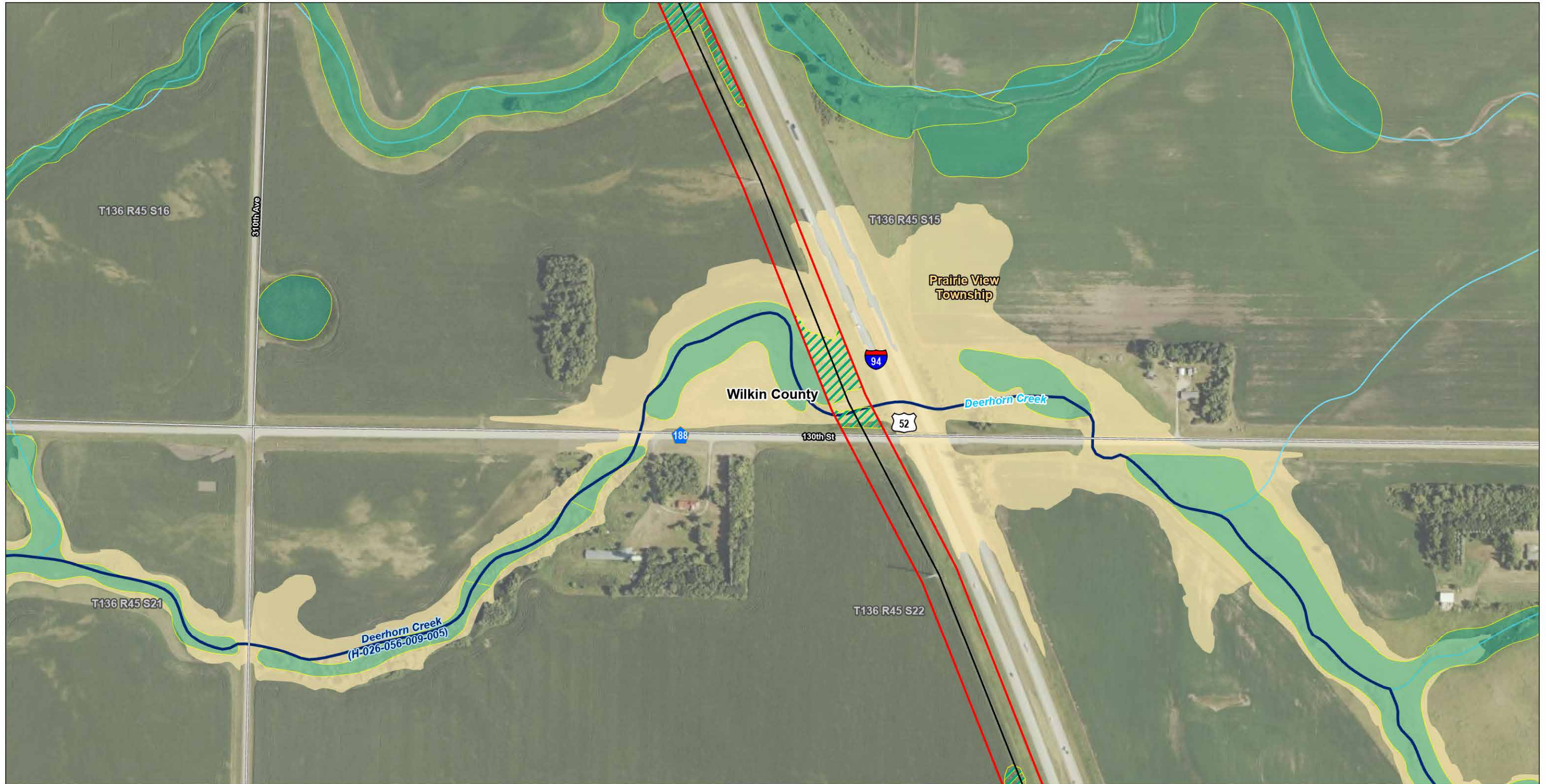
*Project Location*  
Clay, Wilkin, Otter Tail, Grant  
and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

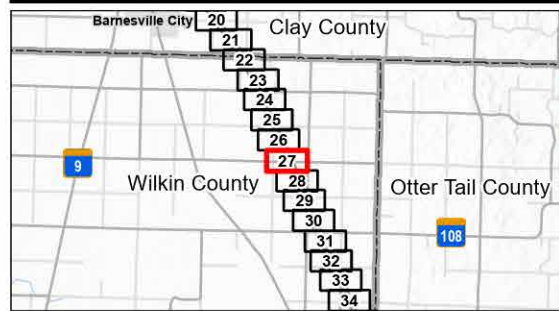


**Appendix B Map B26**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

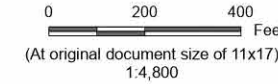


U:\277\2271081\2203\_data\gis\_cad\gis\AcProc\tpa\_amendment\tpa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



**Legend**

- Existing Transmission Line
- Project Area (Right-of-Way)
- County Subdivision
- County Boundary
- State Boundary
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- Minnesota Public Waters Delineations
- Public Water Watercourse
- National Hydrography Dataset
- Stream
- FEMA Floodplain and Floodway
- 100 Year Floodplain

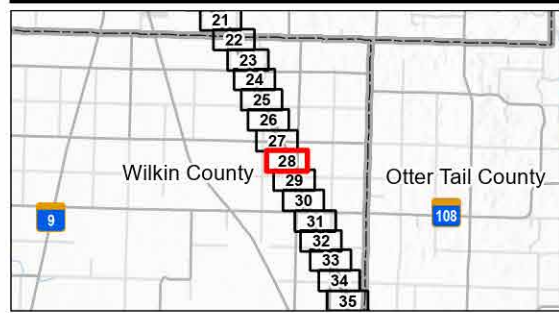
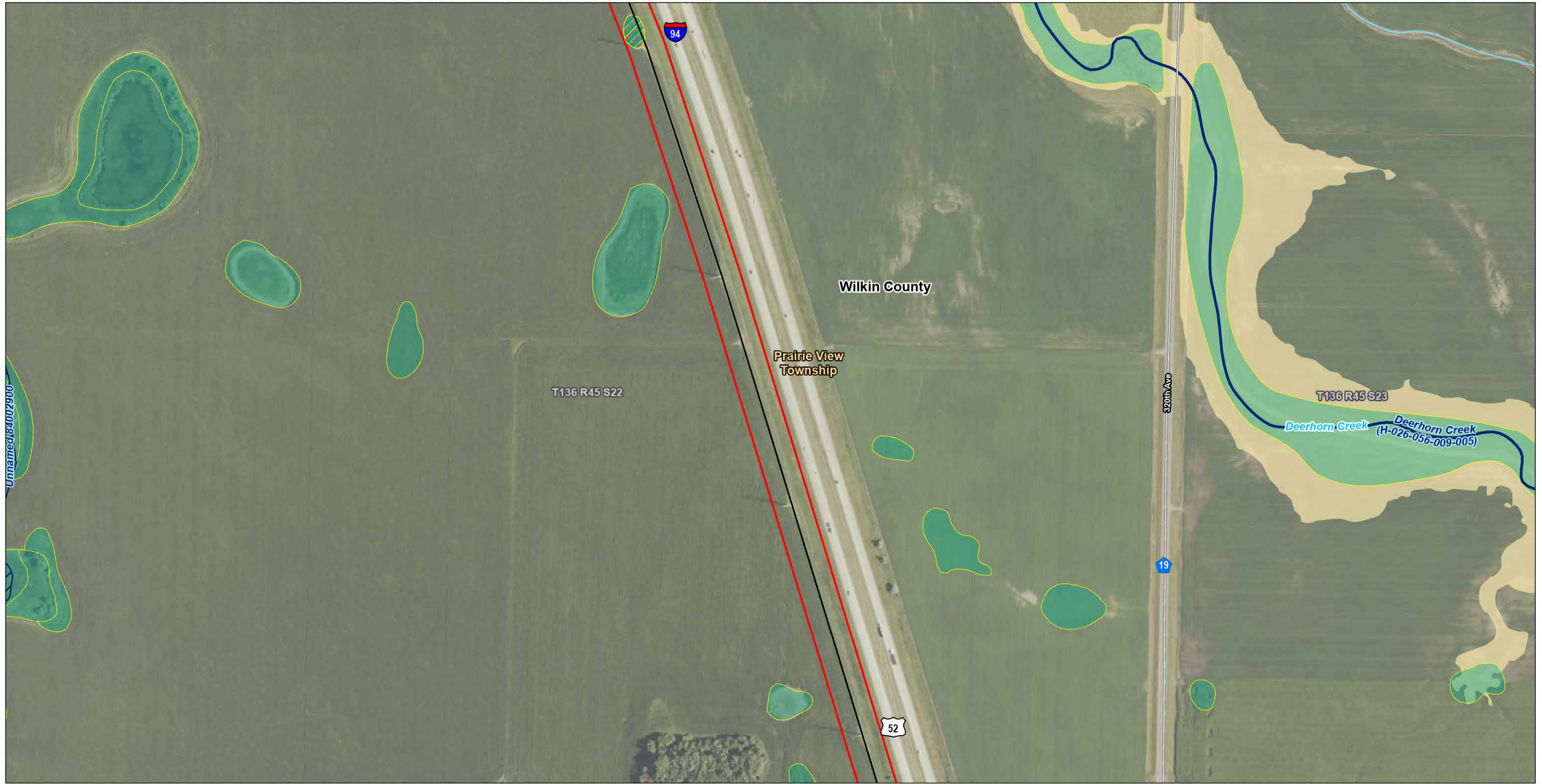


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B27**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



**Legend**

- Existing Transmission Line
- Project Area (Right-of-Way)
- County Subdivision
- County Boundary
- State Boundary

- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- Minnesota Public Waters Delineations
- Public Water Watercourse

- Public Waters Basins
- National Hydrography Dataset
- Stream
- FEMA Floodplain and Floodway
- 100 Year Floodplain

*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

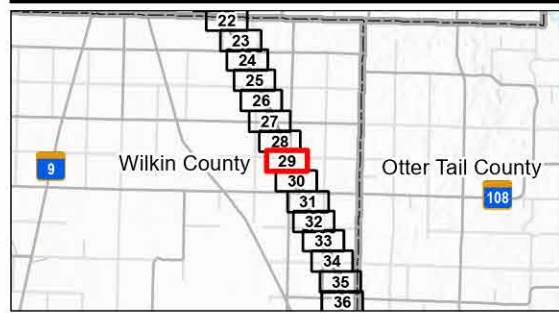
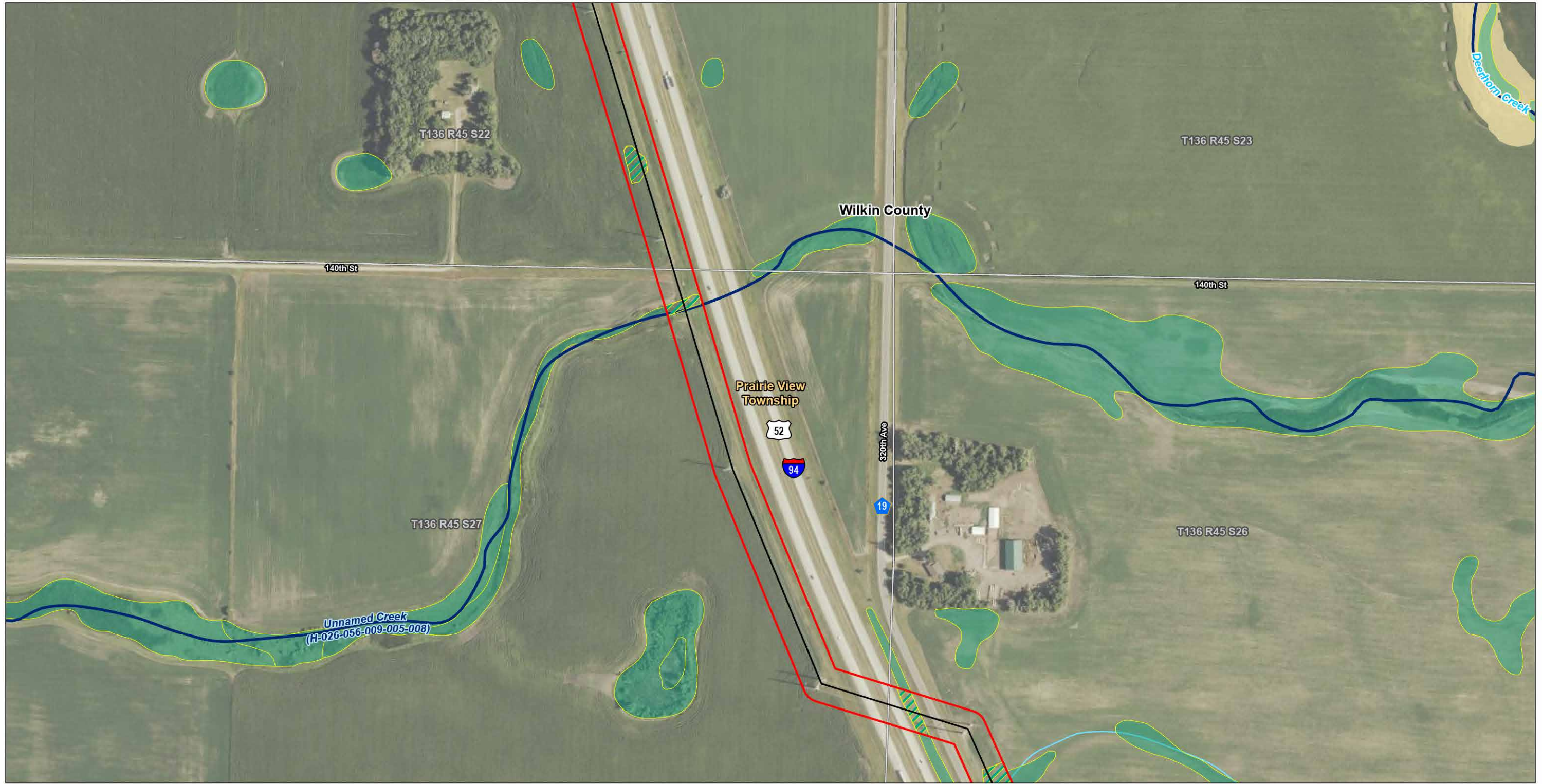
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13



0 200 400 Feet  
(At original document size of 11x17)  
1:4,800

**Appendix B Map B28**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

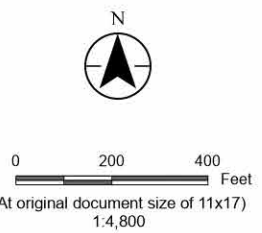
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- Minnesota Public Waters Delineations
- Public Water Watercourse

- National Hydrography Dataset Stream
- FEMA Floodplain and Floodway
- 100 Year Floodplain



*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

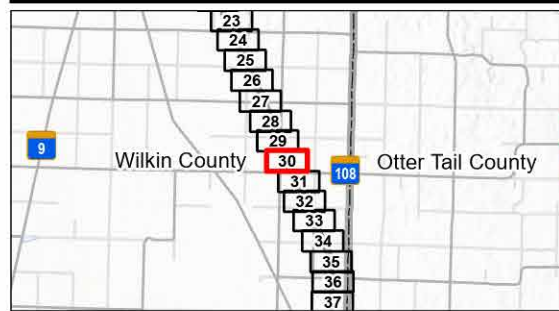
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B29**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

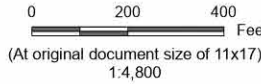
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\2277\2277081\2203\_data\gis\_cad\gis\arc\proj\pa\_amer\amendment\prx Revised: 2026-04-15 By: kjmueller



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - National Hydrography Dataset
  - Waterbody
  - Stream

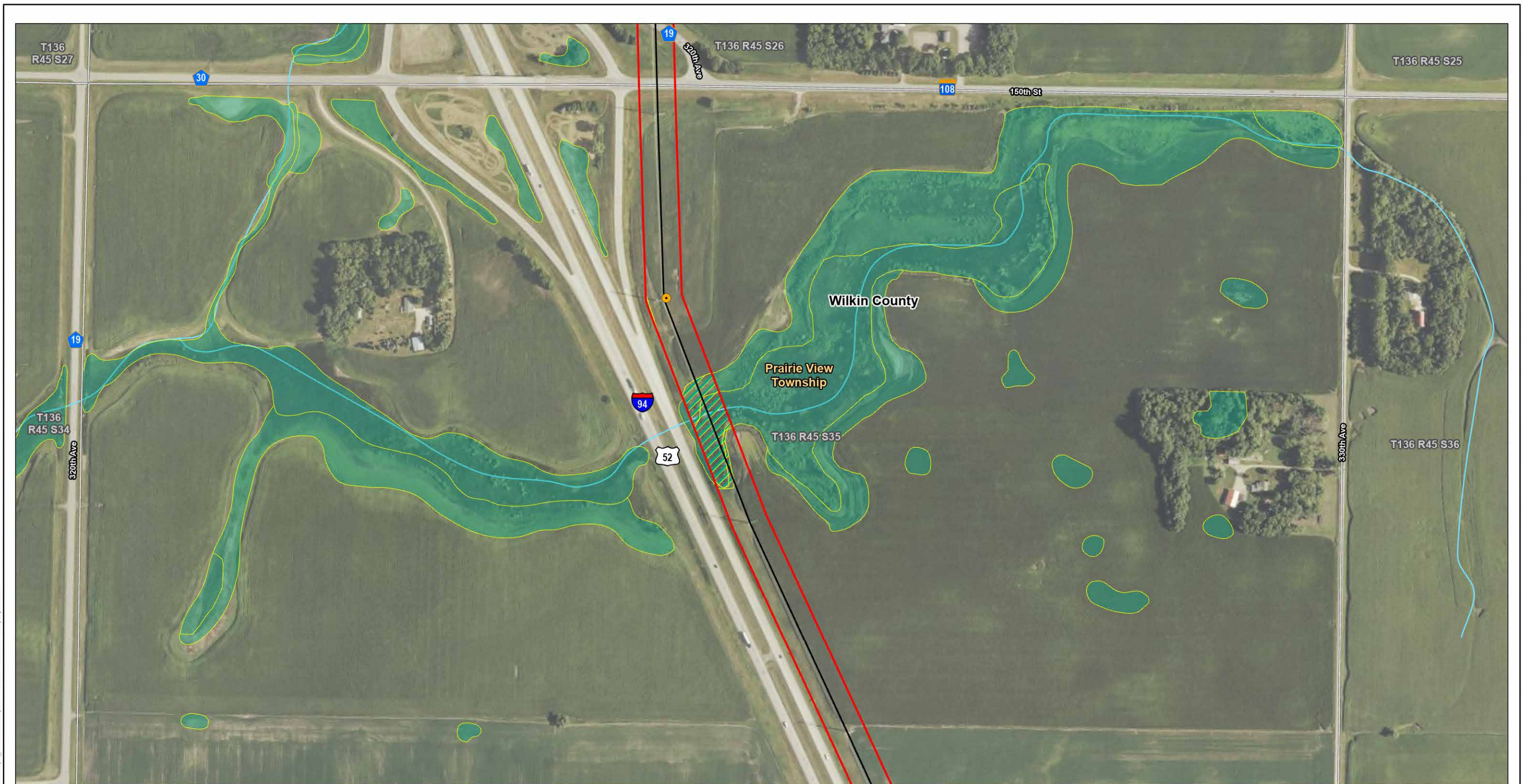


*Project Location*  
Clay, Wilkin, Otter Tail, Grant  
and Douglas Counties, Minnesota

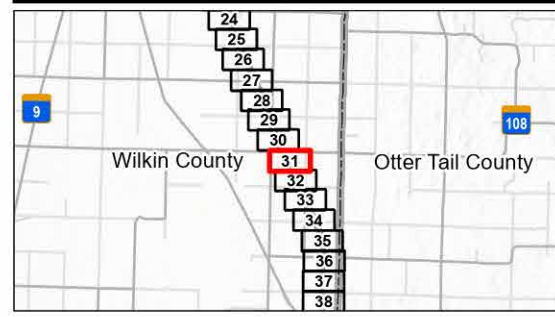
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B30**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

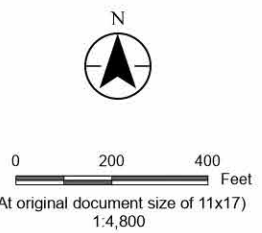
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\277\2277\081\22\03\_data\gis\_cad\gis\AcPr\tpa\_amendment\tpa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - National Hydrography Dataset
  - Stream

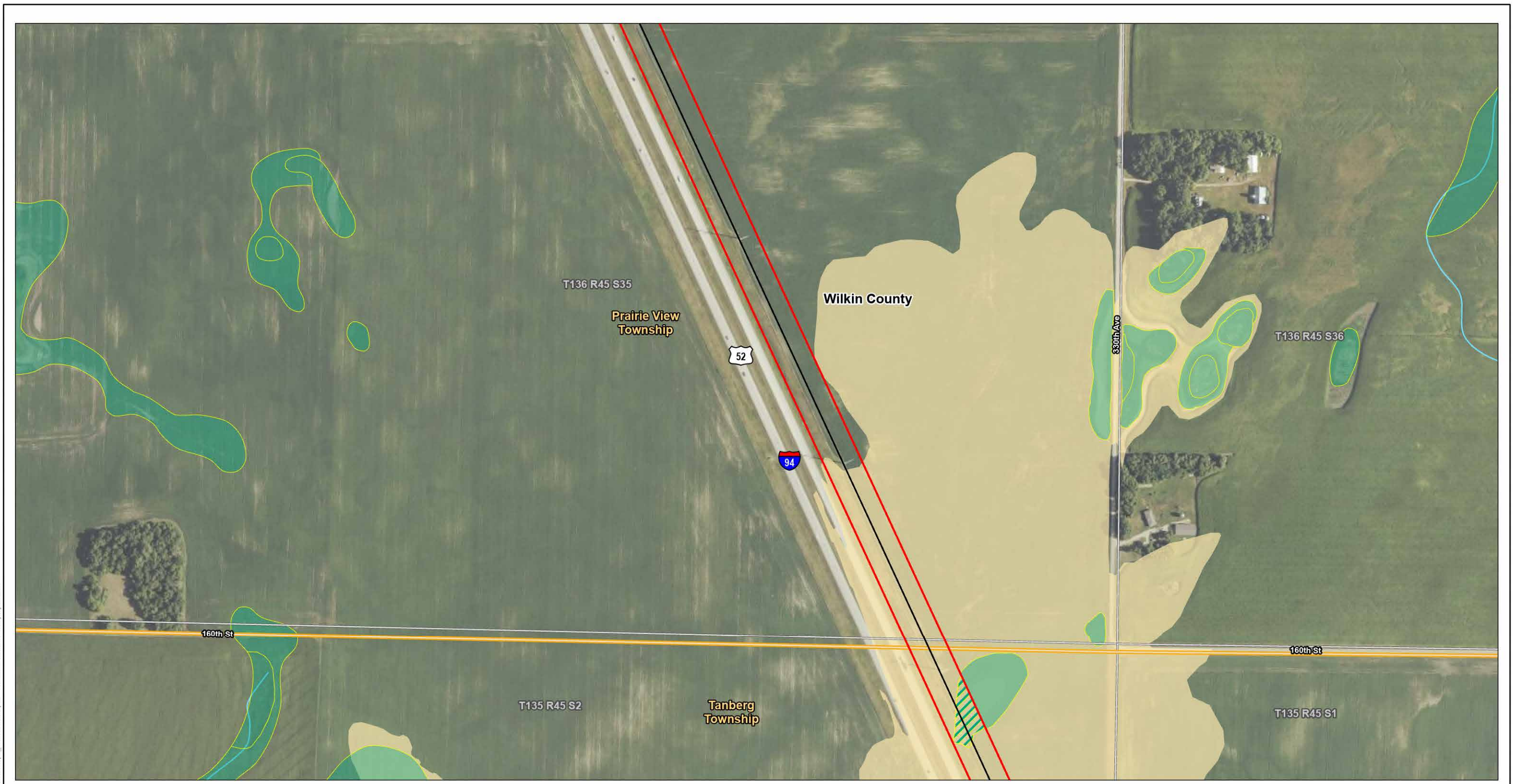


*Project Location*  
Clay, Wilkin, Otter Tail, Grant  
and Douglas Counties, Minnesota

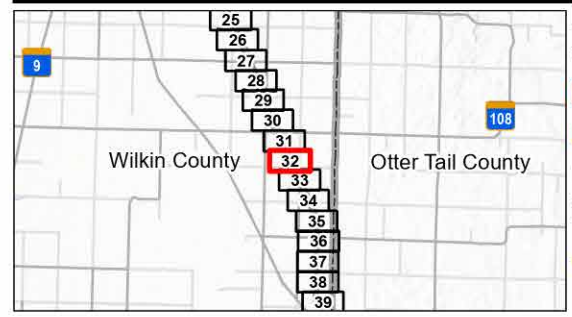
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B31**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

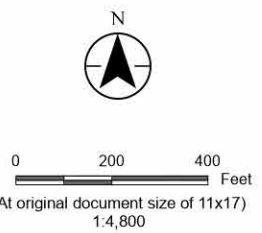
**Notes**  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\227\2271081\2203\_data\gis\_cad\gis\AcPrj\ppa\_amendment\ppa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - National Hydrography Dataset
  - Stream
  - FEMA Floodplain and Floodway
  - 100 Year Floodplain

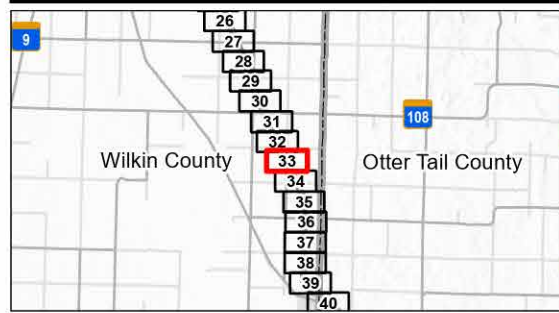
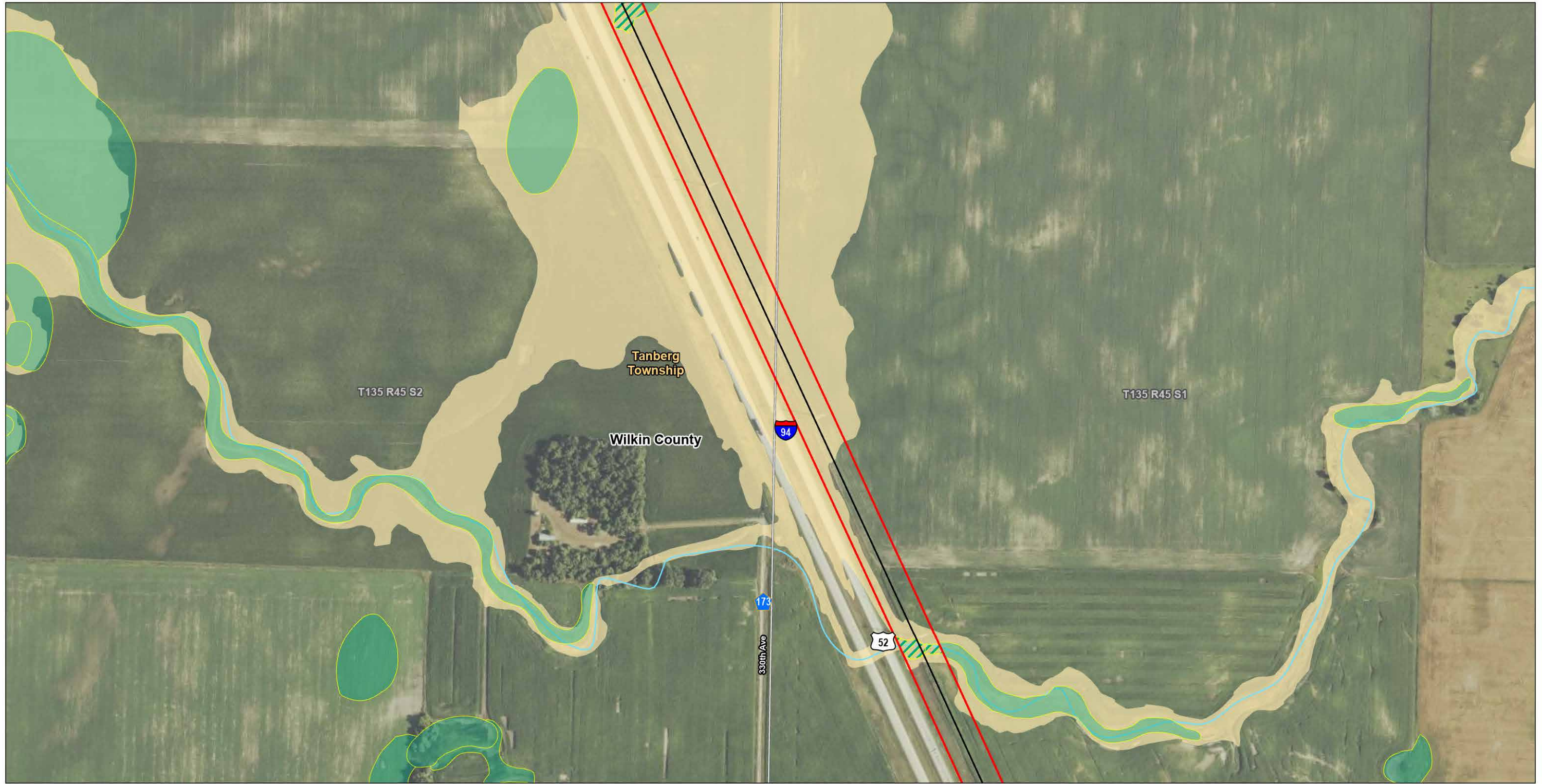


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B32**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

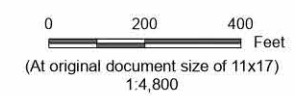
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - National Hydrography Dataset
  - Stream
  - FEMA Floodplain and Floodway
  - 100 Year Floodplain

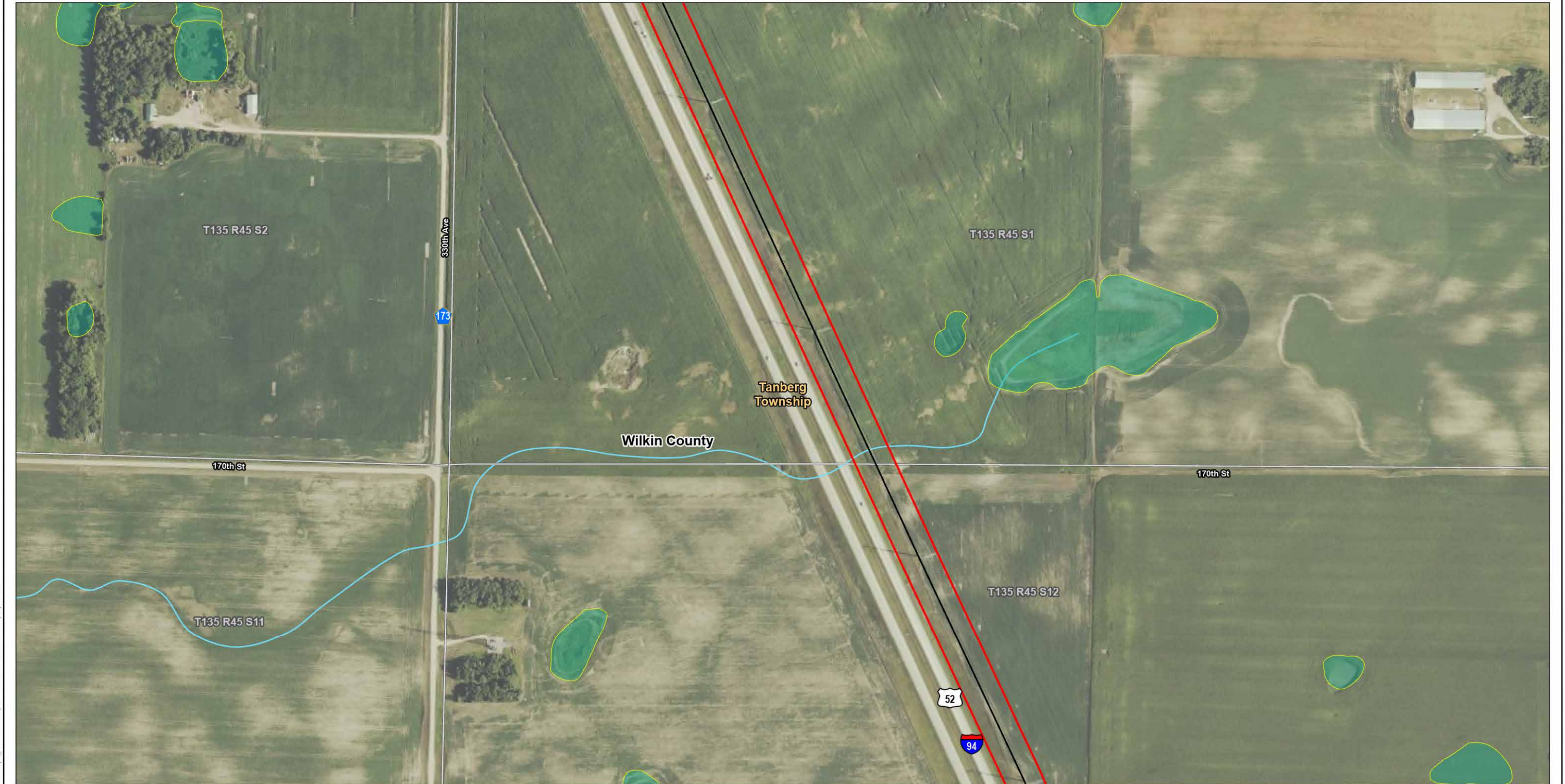
*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

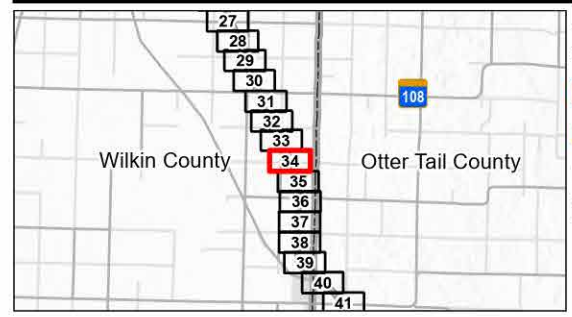


**Appendix B Map B33**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

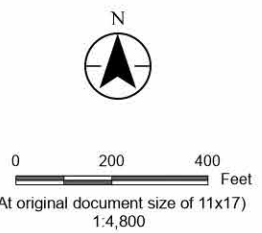
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\2277\2277\081\22\03\_data\gis\_cad\gis\AcPr\tpa\_amendment\tpa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - National Hydrography Dataset
  - Stream

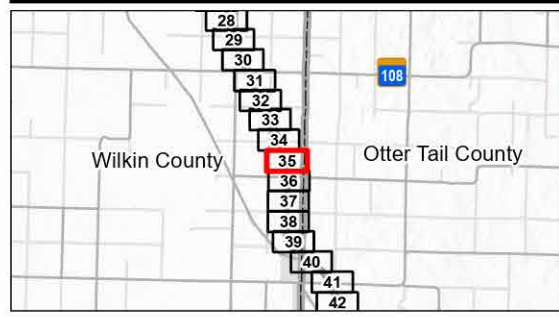
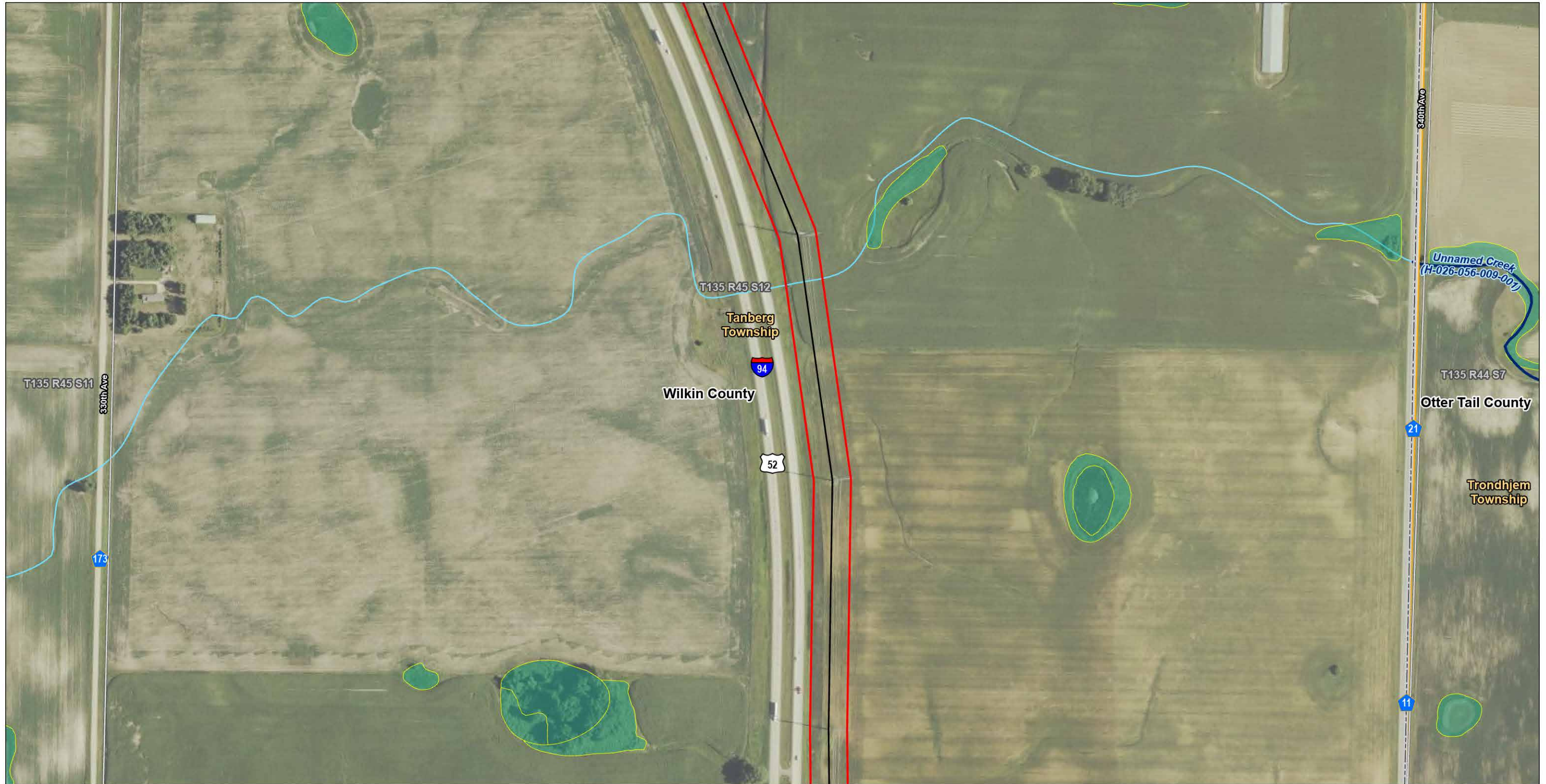


*Project Location*  
Clay, Wilkin, Otter Tail, Grant  
and Douglas Counties, Minnesota

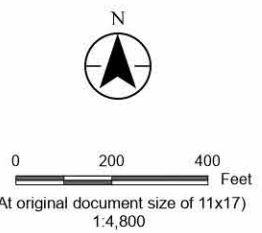
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B34**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - Minnesota Public Waters Delineations
  - Public Water Watercourse
  - National Hydrography Dataset
  - Stream

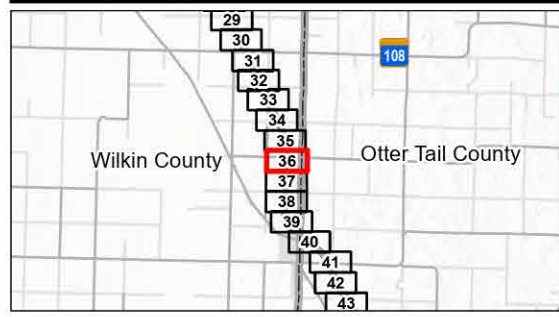
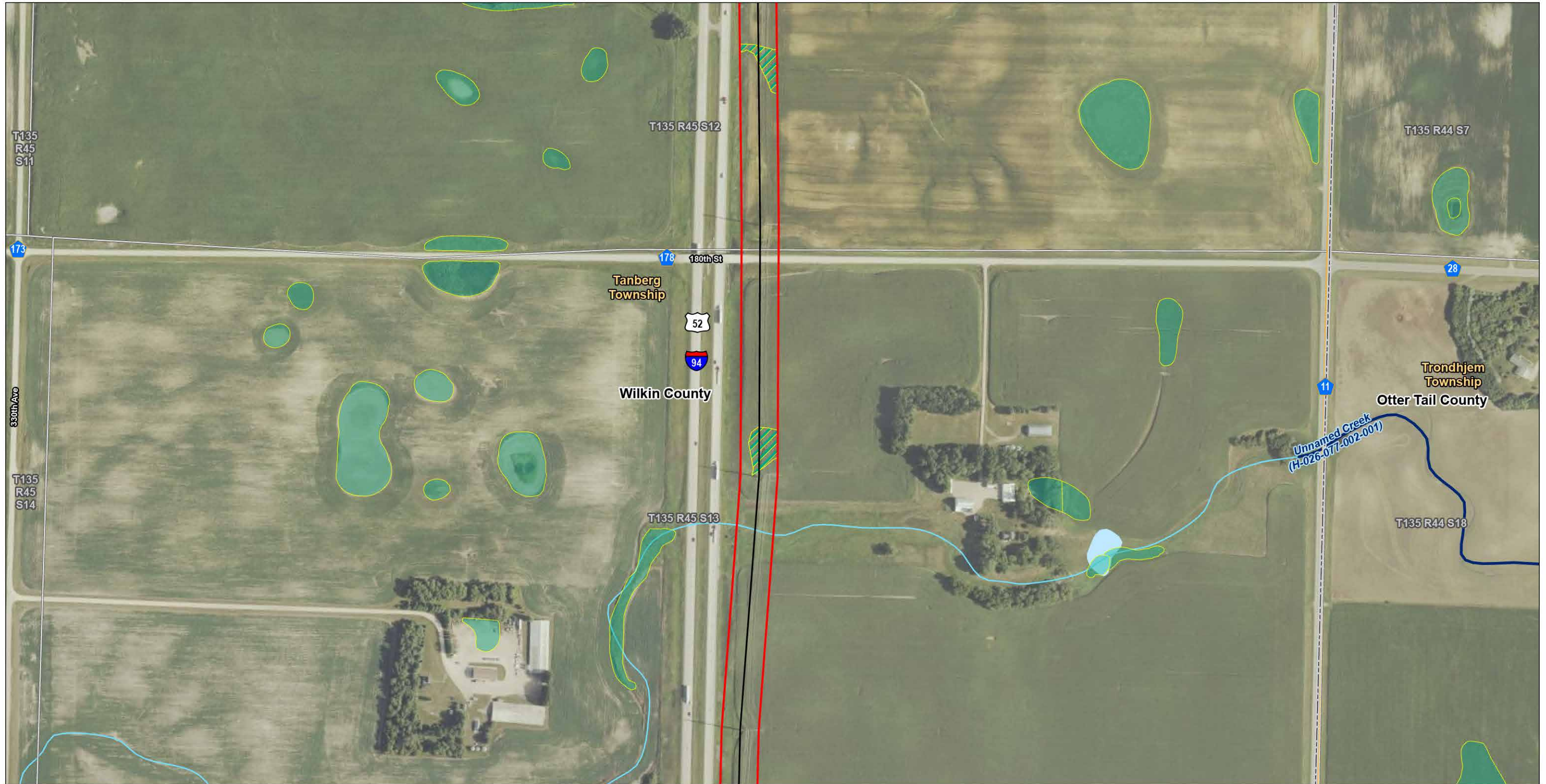


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

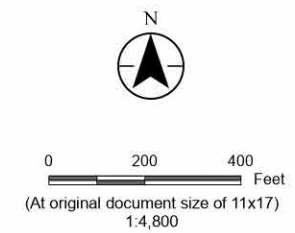
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B35**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - Minnesota Public Waters Delineations
  - Public Water Watercourse
  - National Hydrography Dataset
  - Waterbody
  - Stream

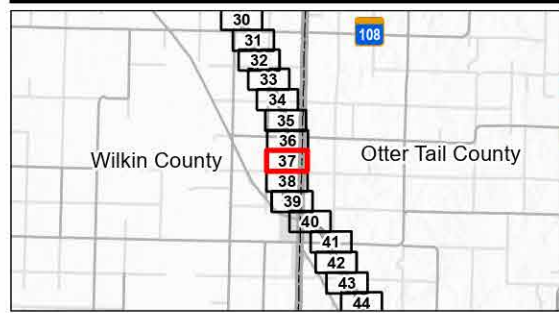
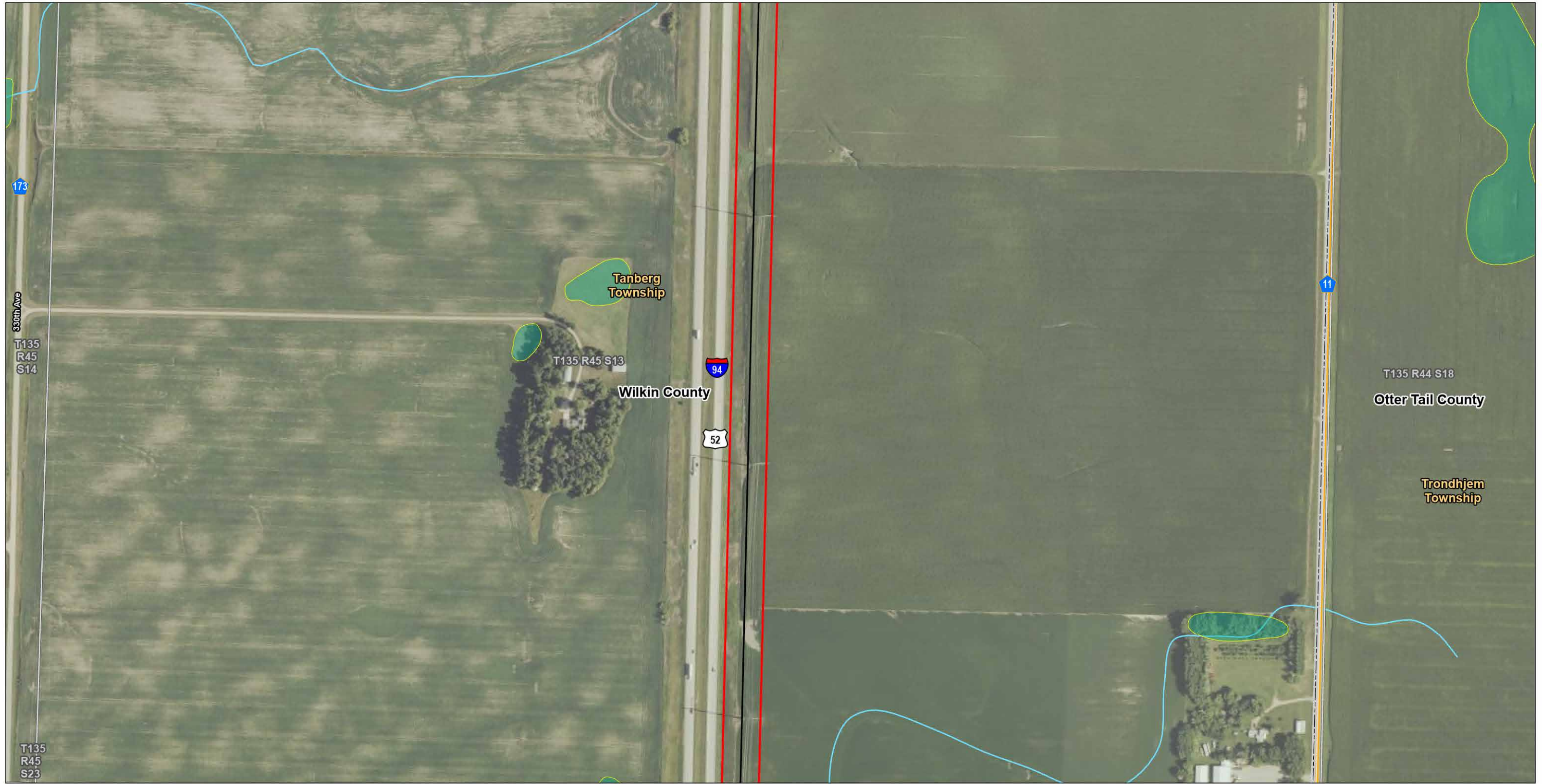


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B36**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - National Hydrography Dataset
  - Stream



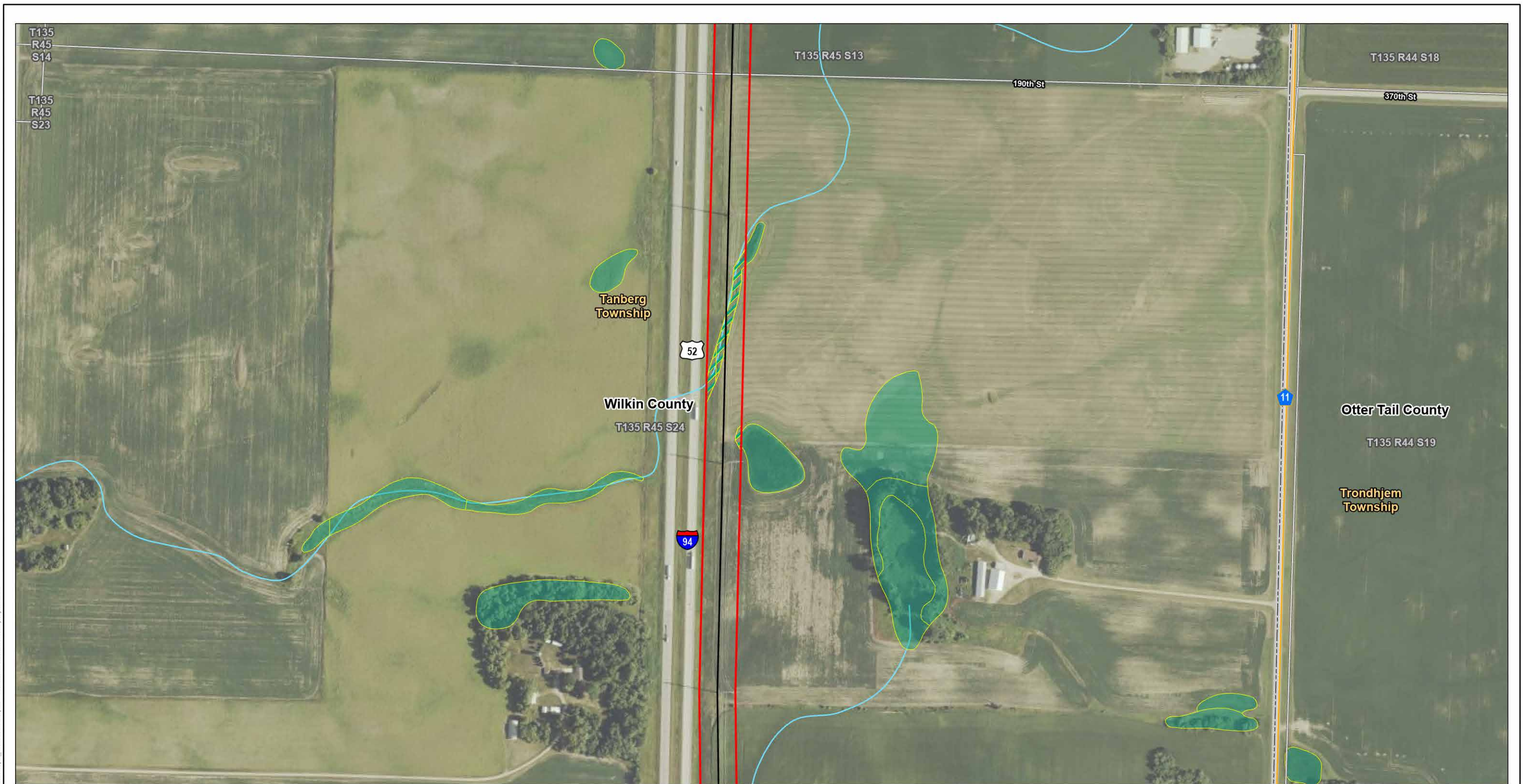
0 200 400 Feet  
 (At original document size of 11x17)  
 1:4,800

*Project Location*  
 Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

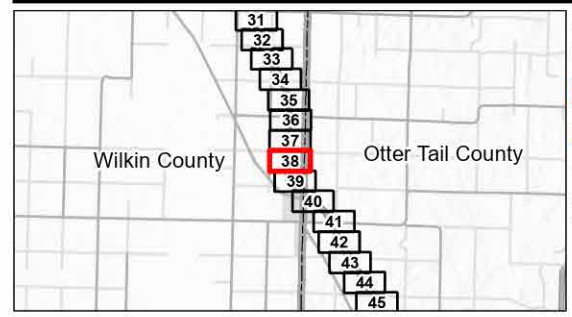
Prepared by KJM on 2026-04-15  
 TR by AR on 2026-01-13  
 IR by NP on 2026-01-13

**Appendix B Map B37**  
**Detailed Project Area Map**  
 Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
 Transmission Project  
 Route Permit Amendment

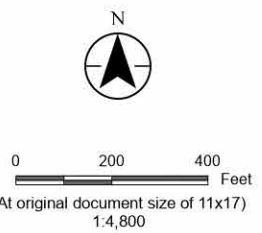
*Notes*  
 1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
 2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
 3. Background: NAIP 2023



U:\2277\2277\081122\03\_data\gis\_cad\gis\AcPrj\ppa\_amendment\ppa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - National Hydrography Dataset
  - Stream

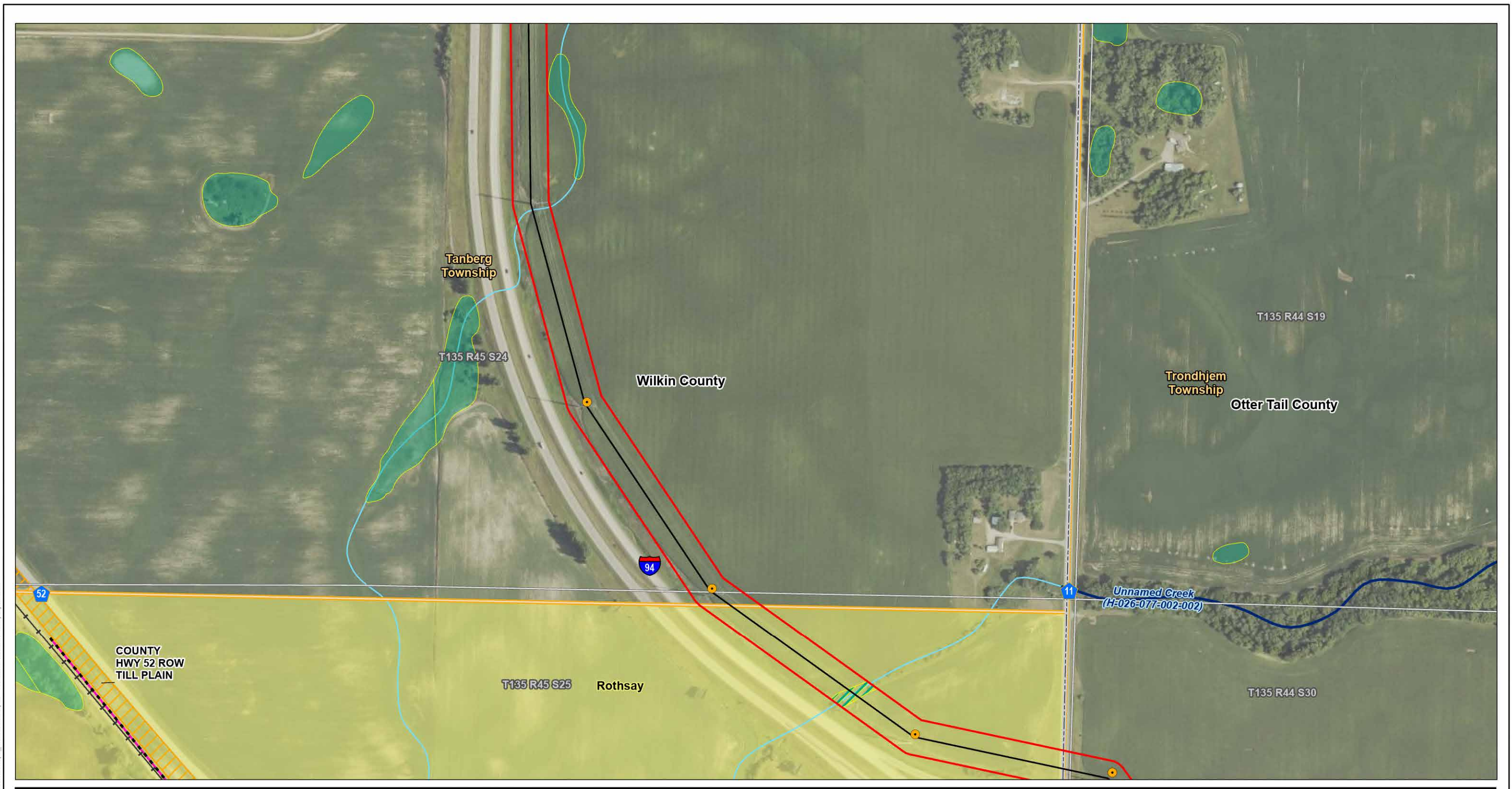


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

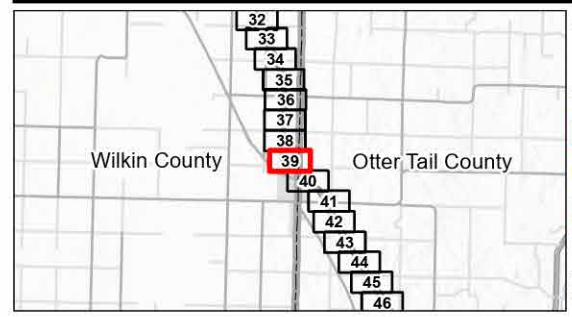
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B38**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\2277\2277\081\2203\_data\gis\_cad\gis\AcPrj\tpa\_amendment\tpa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



<ul style="list-style-type: none"> <li><span style="color: orange;">●</span> New Foundation &amp; Structure</li> <li> Existing Transmission Line</li> <li><span style="border: 2px solid red; padding: 2px;"> </span> Project Area (Right-of-Way)</li> <li> Municipality</li> <li> County Subdivision</li> <li> County Boundary</li> <li> State Boundary</li> </ul>	<ul style="list-style-type: none"> <li> Railroad</li> <li> Desktop Determined Wetlands (Level 1)</li> <li> National Wetlands Inventory</li> <li> MBS Railroad Rights-of-Way Prairies</li> <li> Good</li> </ul>	<ul style="list-style-type: none"> <li> Sites of Biodiversity Significance Moderate</li> <li> Minnesota Public Waters Delineations</li> <li> Public Water Watercourse</li> <li> National Hydrography Dataset</li> <li> Stream</li> </ul>
---	--	--

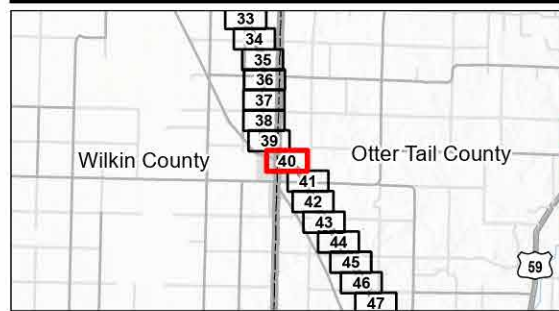
*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

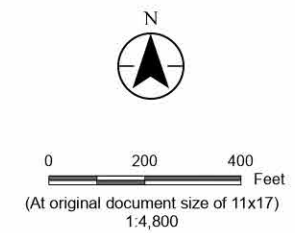
**Appendix B Map B39**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

Page 39 of 123



- Legend**
- New Foundation & Structure
  - State Boundary
  - USFWS Interest
  - Existing Transmission Line
  - Railroad
  - Waterfowl Production Area
  - Project Area (Right-of-Way)
  - Desktop Determined Wetlands (Level 1)
  - National Hydrography Dataset
  - Municipality
  - National Wetlands Inventory
  - Waterbody
  - County Subdivision
  - Stream
  - County Boundary

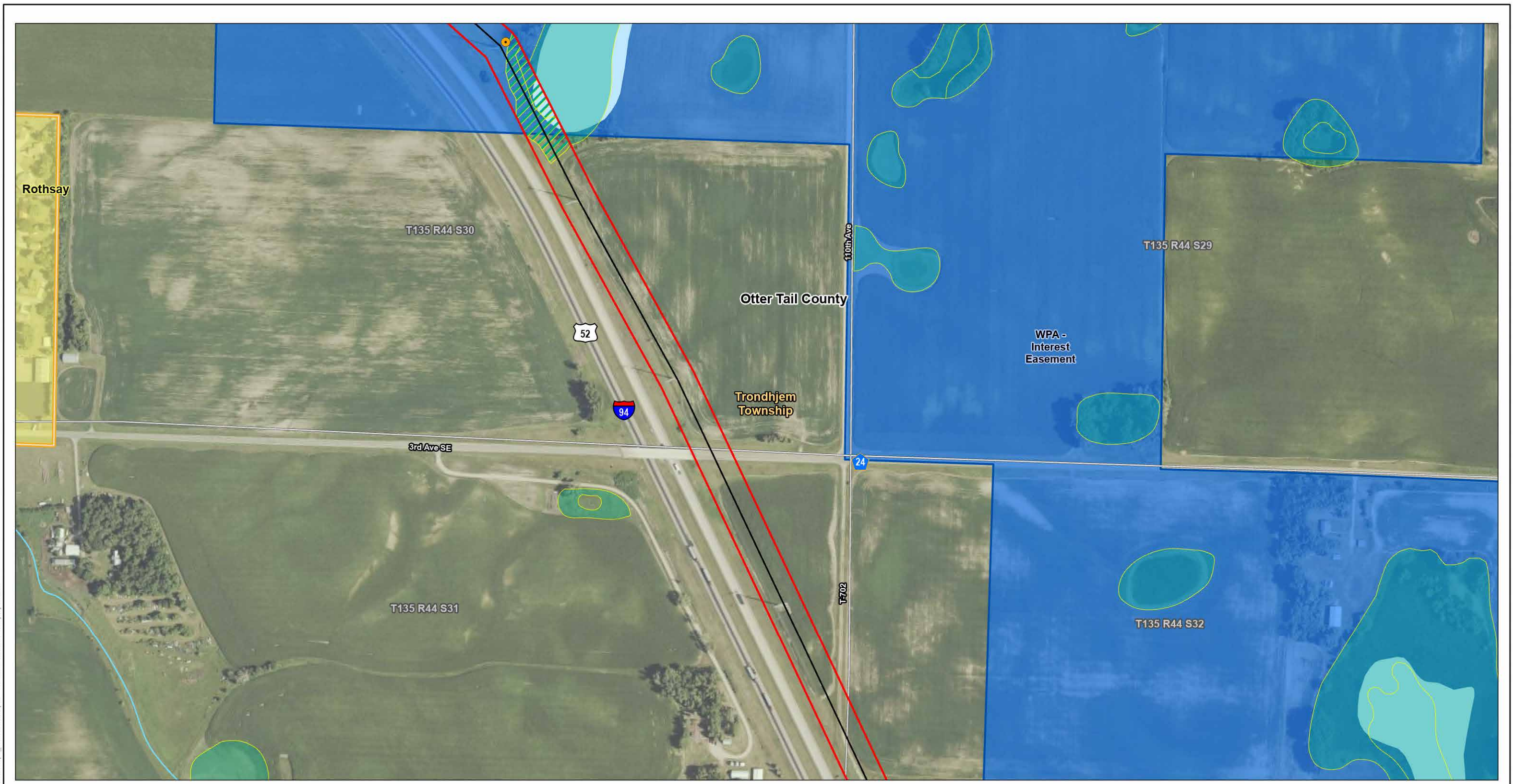


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

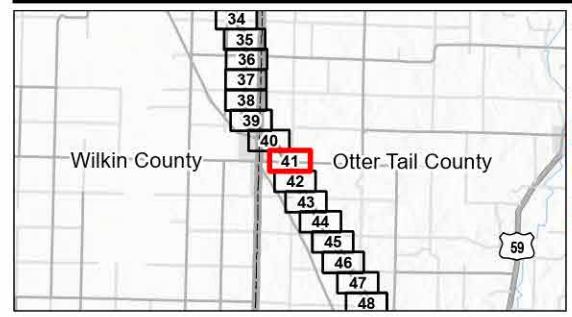
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B40**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

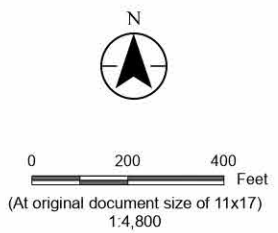
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\2271227\0812203\_data\gis\_cad\gis\AcProc\ppa\_amendment\ppa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - Municipality
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - USFWS Interest
  - Waterfowl Production Area
  - National Hydrography Dataset
  - Waterbody
  - Stream

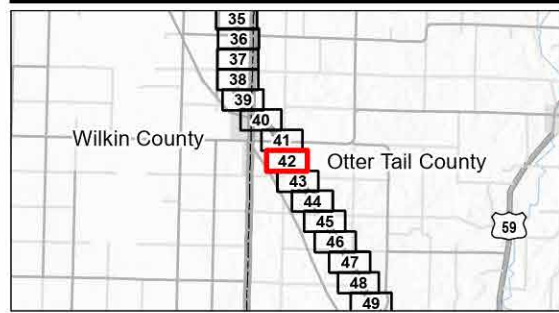
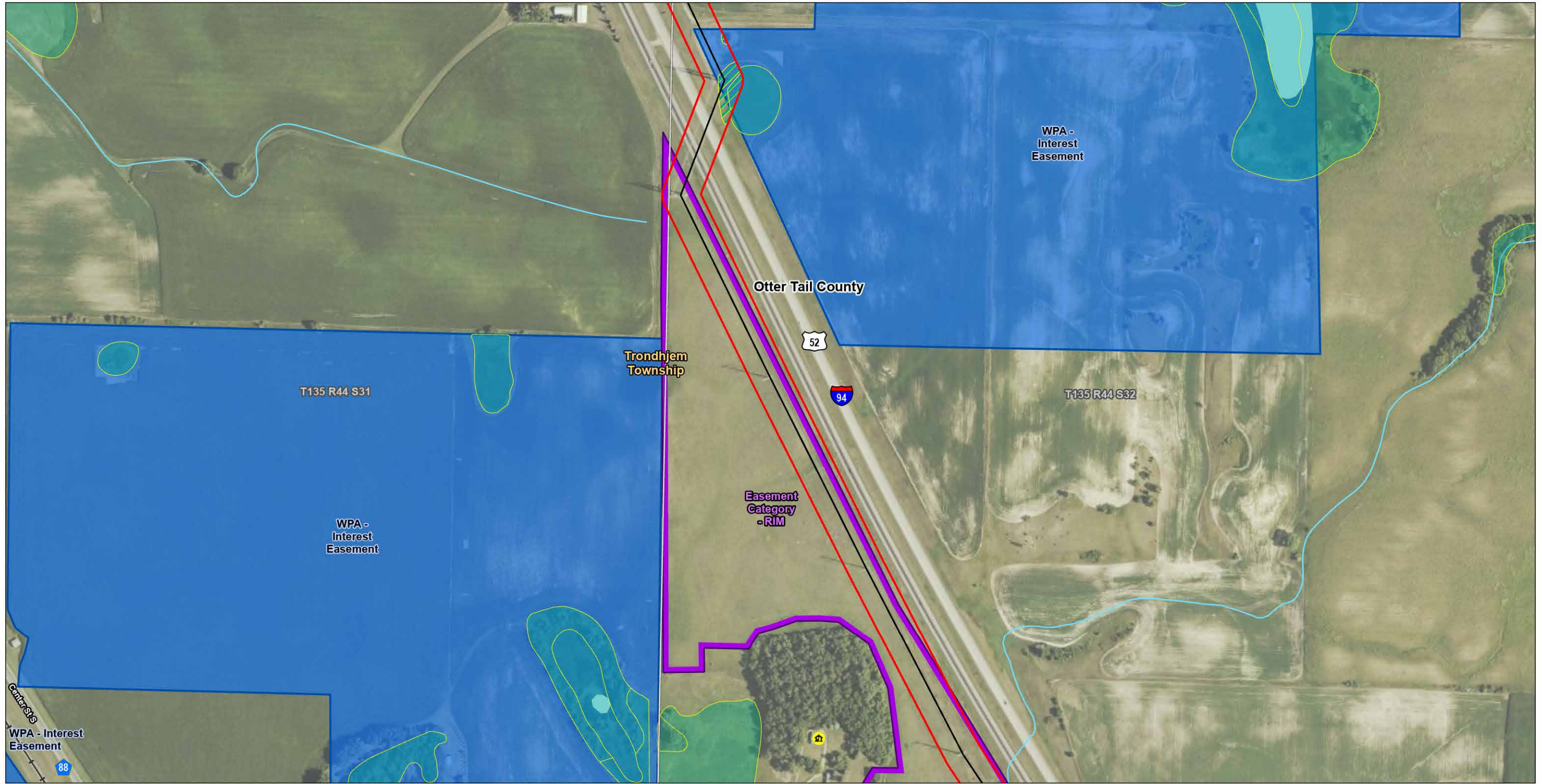


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

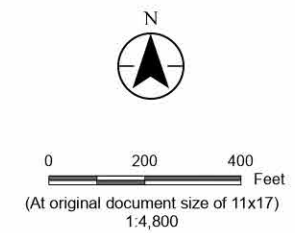
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B41**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Residence 300-500 Feet from Centerline
  - Railroad
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - BWSR Conservation Easements (RIM Reserve)
  - USFWS Interest
  - Waterfowl Production Area
  - National Hydrography Dataset
  - Waterbody
  - Stream

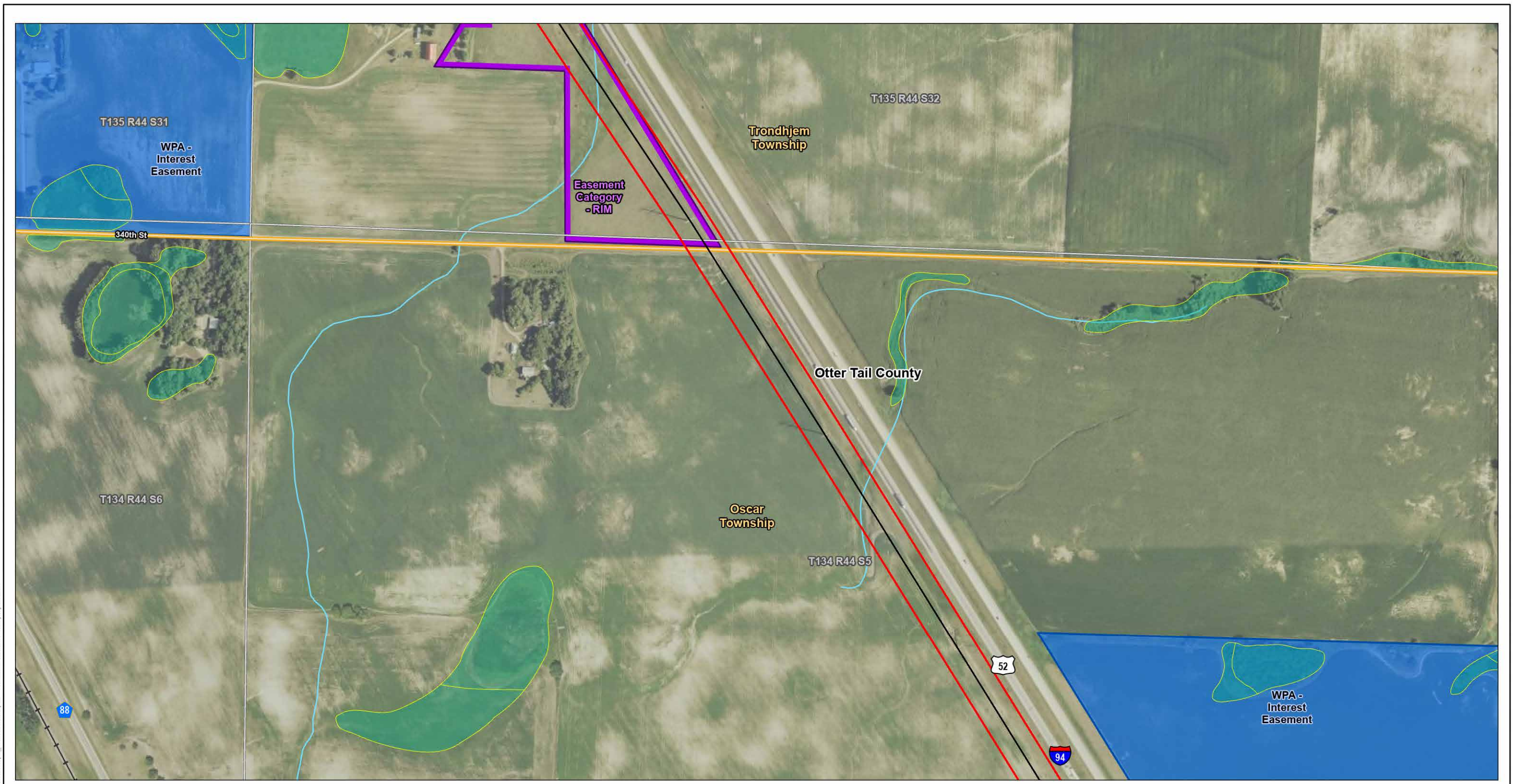


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

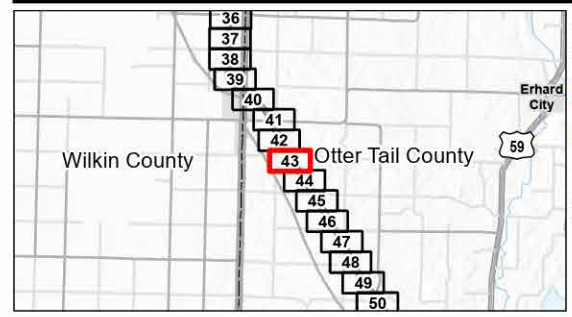
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B42**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



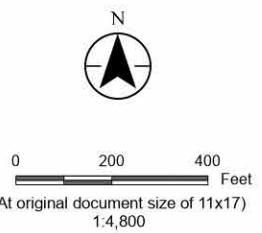
U:\2277\2277\08112\03\_data\gis\_cad\gis\AcPrj\tpa\_amendment\tpa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- Railroad
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- BWSR Conservation Easements (RIM Reserve)

- USFWS Interest**
- Waterfowl Production Area
  - National Hydrography Dataset
  - Stream

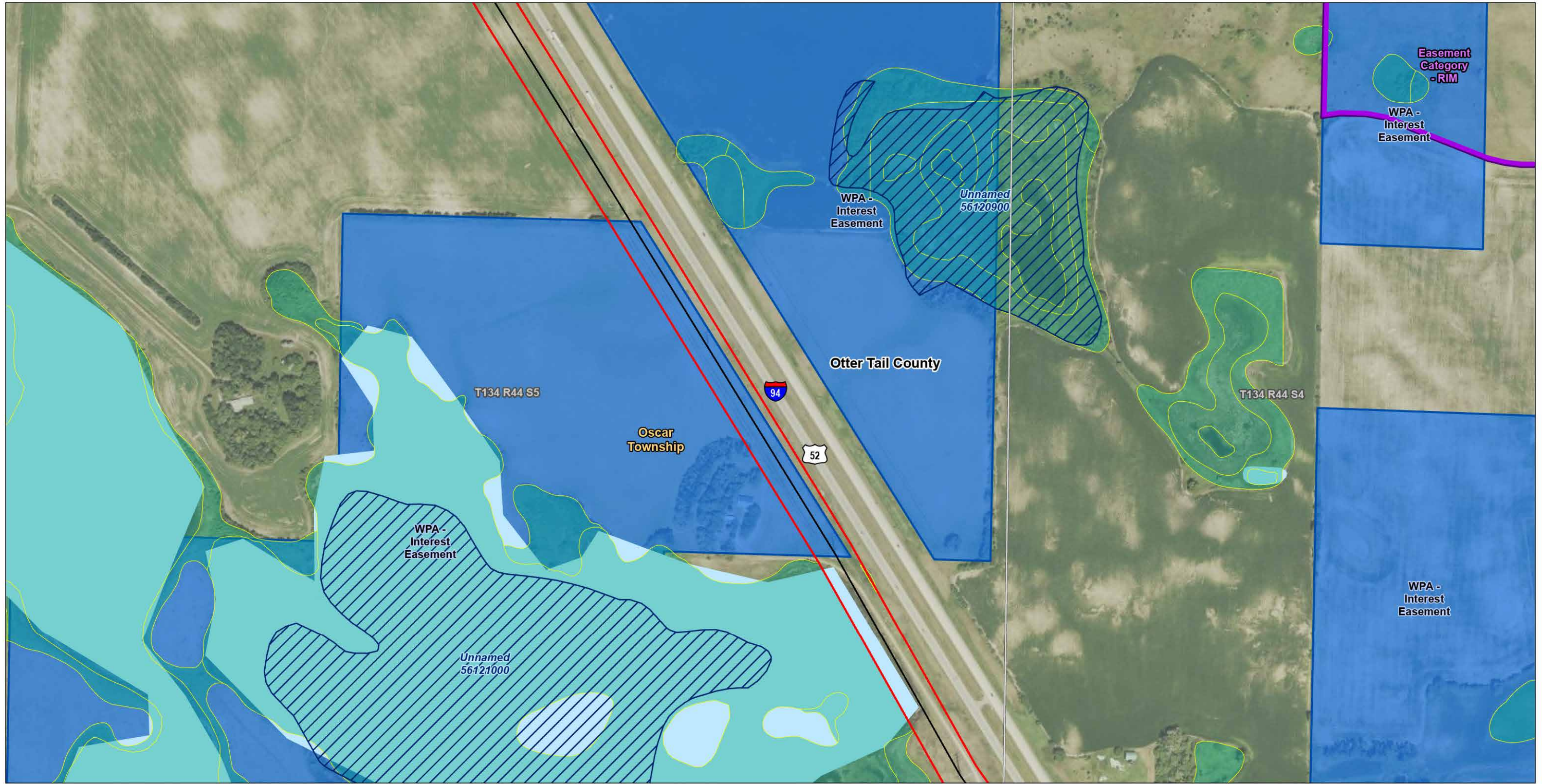


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

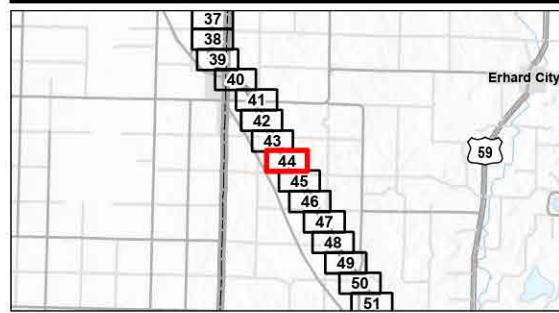
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B43**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\2277\2277\08112\03\_data\gis\_cad\gis\AcProj\pa\_amer\amend\tpa\_amer\amend\tpa\_amer\amend.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)

- National Wetlands Inventory
- BWSR Conservation Easements (RIM Reserve)
- USFWS Interest
- Waterfowl Production Area

- Minnesota Public Waters Delineations**
- Public Waters Basins
  - National Hydrography Dataset
  - Waterbody



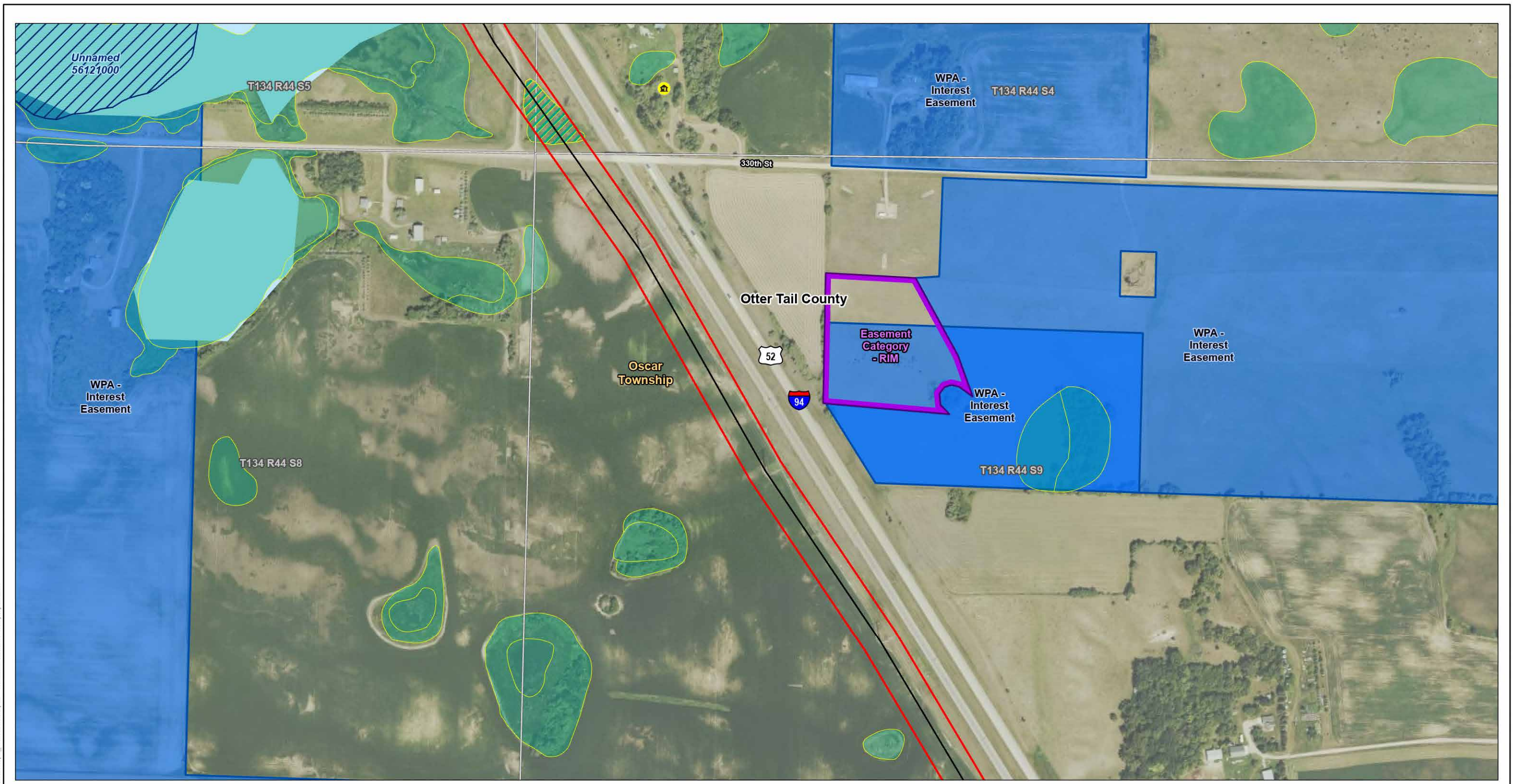
0 200 400 Feet  
 (At original document size of 11x17)  
 1:4,800

*Project Location*  
 Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

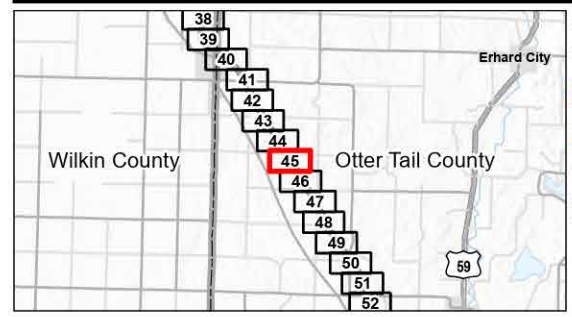
Prepared by KJM on 2026-04-15  
 TR by AR on 2026-01-13  
 IR by NP on 2026-01-13

**Appendix B Map B44**  
**Detailed Project Area Map**  
 Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
 Transmission Project  
 Route Permit Amendment

Notes  
 1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
 2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
 3. Background: NAIP 2023



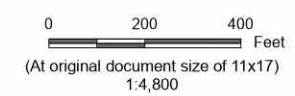
U:\227\2271081\2203\_data\gis\_cad\gis\AcPrj\pa\_amerndment\pa\_amerndment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Residence 300-500 Feet from Centerline

- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- BWSR Conservation Easements (RIM Reserve)
- USFWS Interest
- Waterfowl Production Area

- Minnesota Public Waters Delineations
- Public Waters Basins
- National Hydrography Dataset
- Waterbody

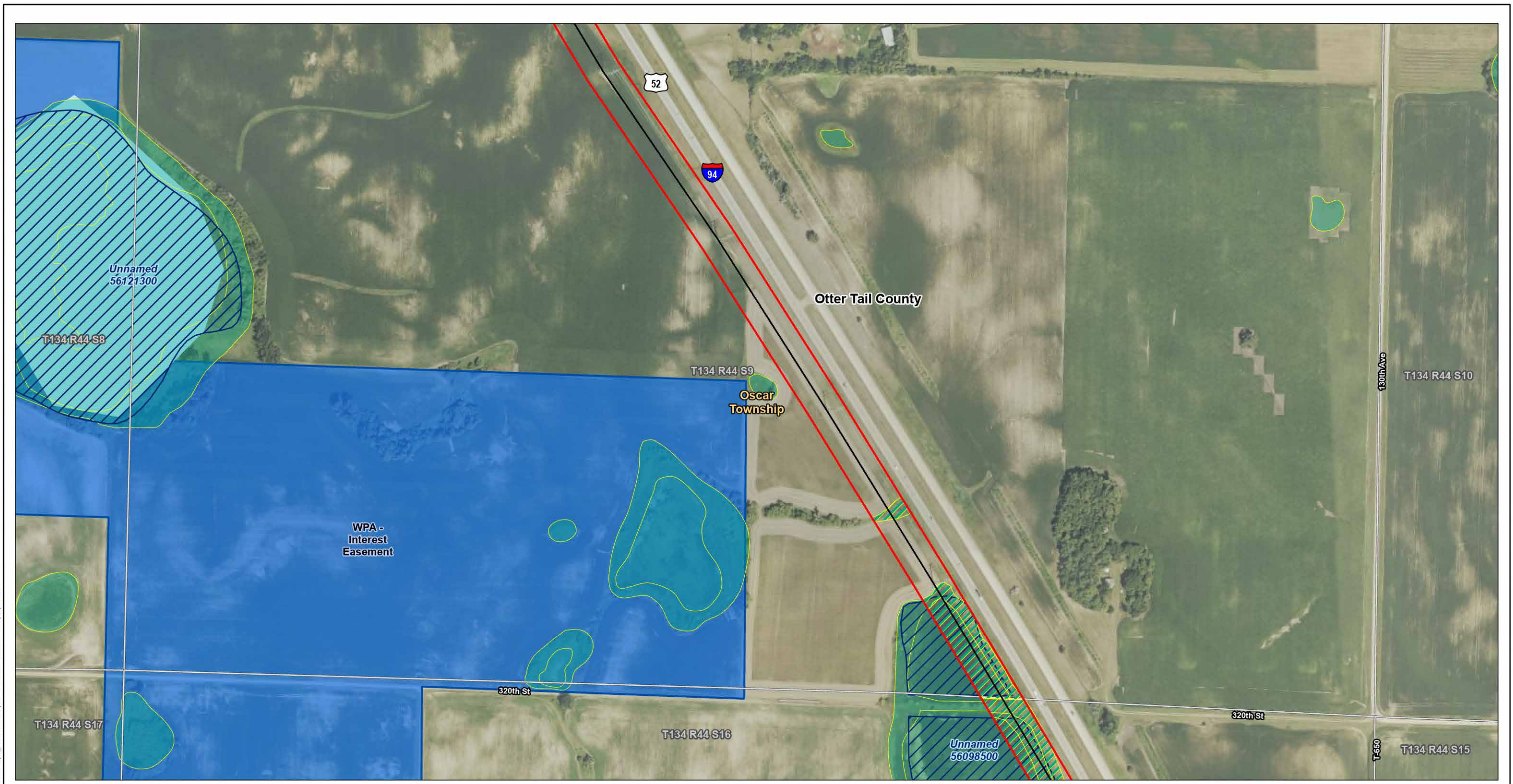


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

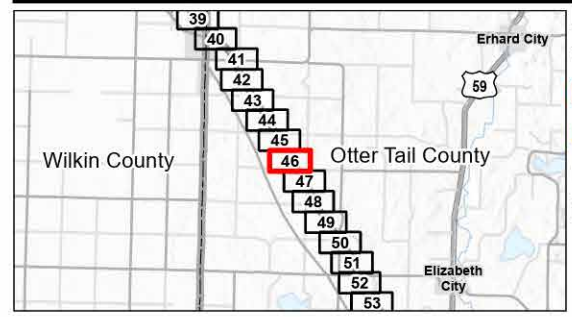
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B45**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

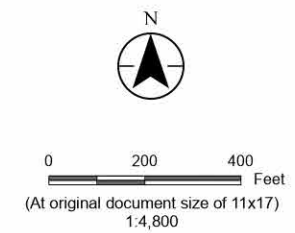


U:\2271\2271081\2203\_data\gis\_cad\gis\AcProc\ppa\_amendment\ppa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- USFWS Interest
- Waterfowl Production Area
- Minnesota Public Waters Delineations
- Public Waters Basins
- National Hydrography Dataset
- Waterbody

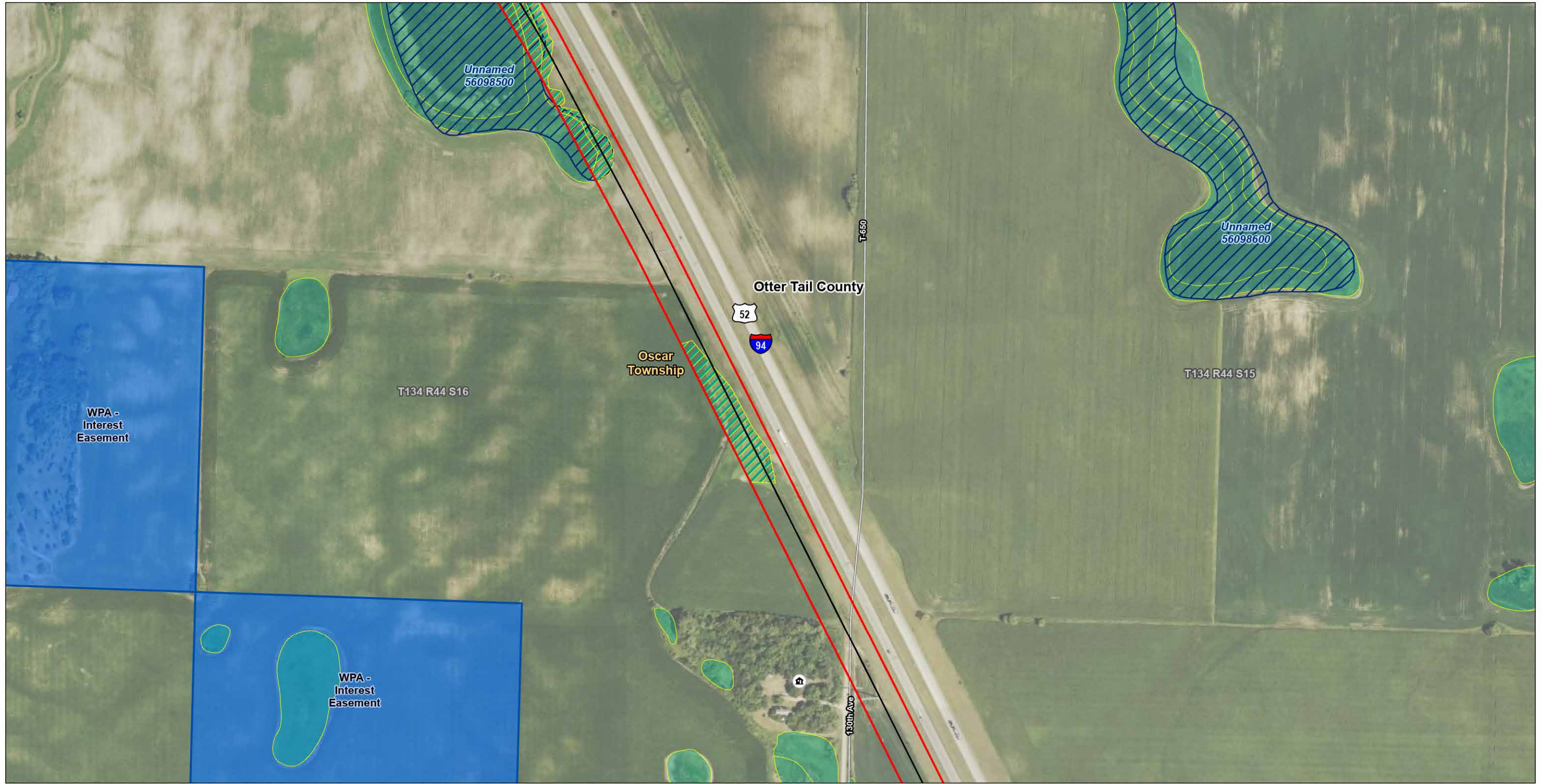


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

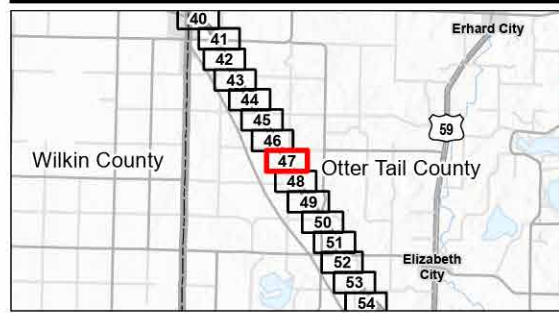
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B46**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\2277\2277\081\2203\_data\gis\_cad\gis\ac\Pro\ppa\_amendment\ppa\_amendment.aprx Revised: 2026-04-15 By: kjmueller

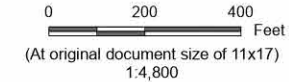


**Legend**

- Existing Transmission Line
- Project Area (Right-of-Way)
- County Subdivision
- County Boundary
- State Boundary

- Residence 75-300 Feet from Centerline
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory

- USFWS Interest
- Waterfowl Production Area
- Minnesota Public Waters Delineations
- Public Waters Basins

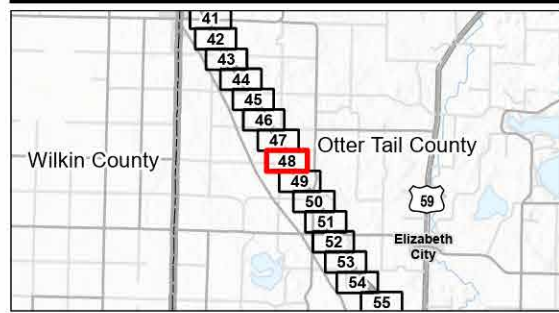


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B47**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

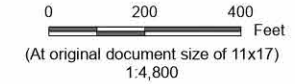
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)

- National Wetlands Inventory
- BWSR Conservation Easements (RIM Reserve)
- USFWS Interest
- Waterfowl Production Area

- Minnesota Public Waters Delineations**
- Public Waters Basins
  - National Hydrography Dataset
  - Waterbody



*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

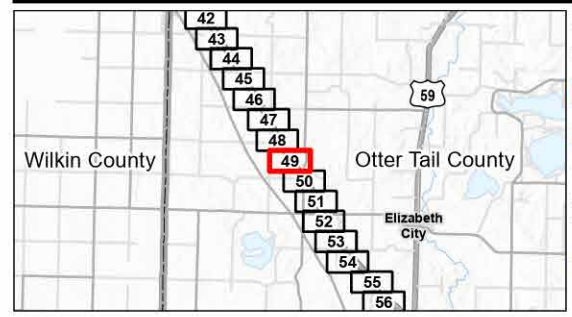
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B48**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



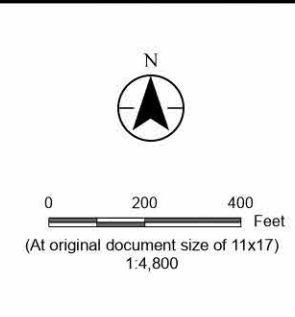
U:\2271\2271081\2203\_data\gis\_cad\gis\ac\p\p\pa\_amendment\tpa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)

- National Wetlands Inventory
- BWSR Conservation Easements (RIM Reserve)
- USFWS Interest
- Waterfowl Production Area

- Minnesota Public Waters Delineations**
- Public Water Watercourse
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream



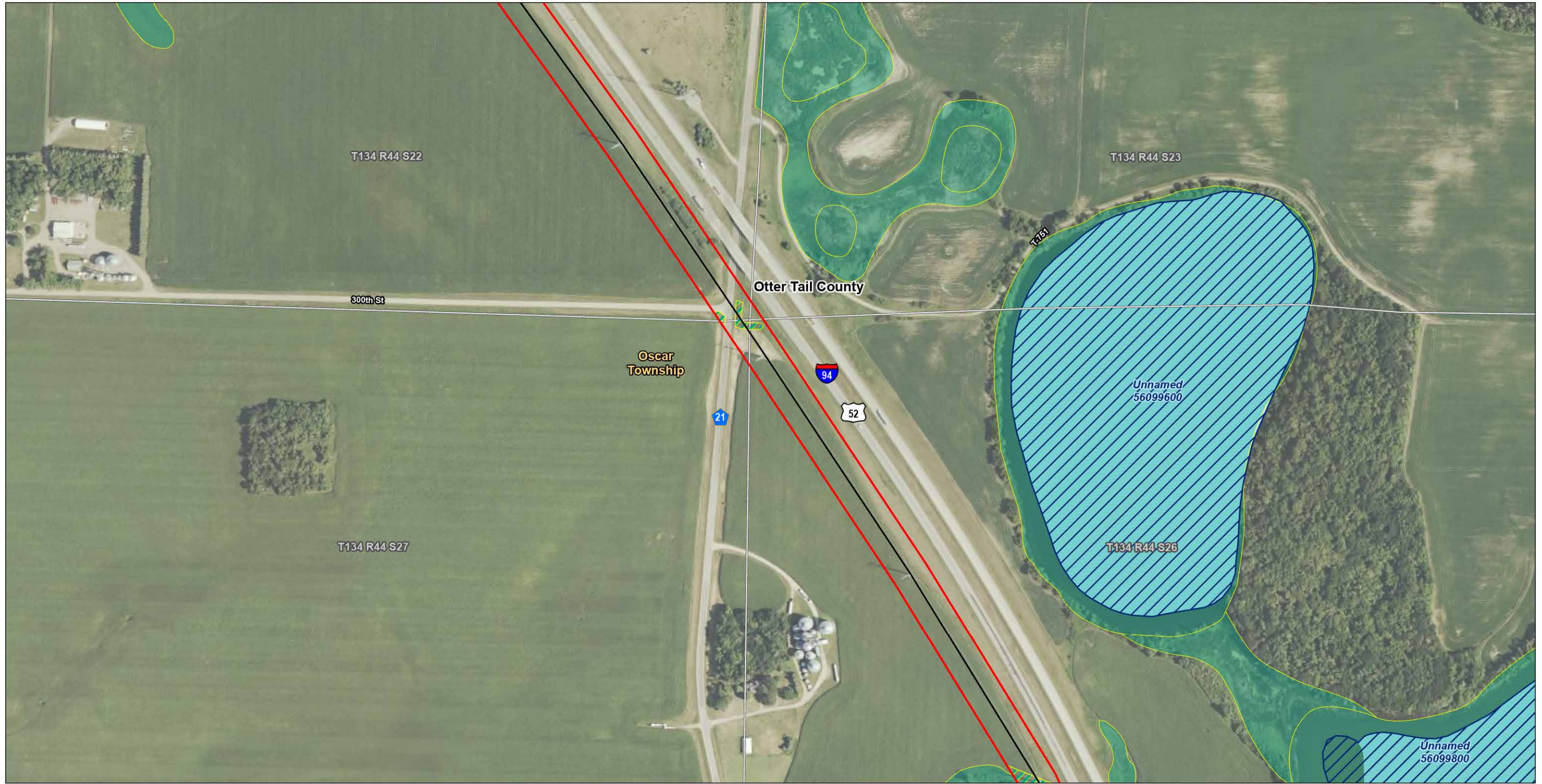
**Project Location**  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

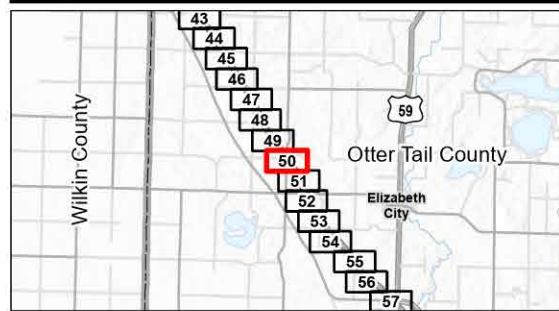
**Appendix B Map B49**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

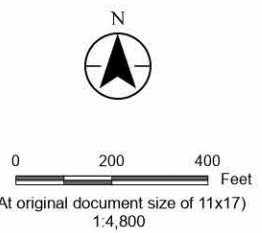
Page 49 of 123



U:\277\2277\081\22\03\_data\gis\_cad\gis\AcPrj\pa\_amendment\tpa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - Minnesota Public Waters Delineations
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody

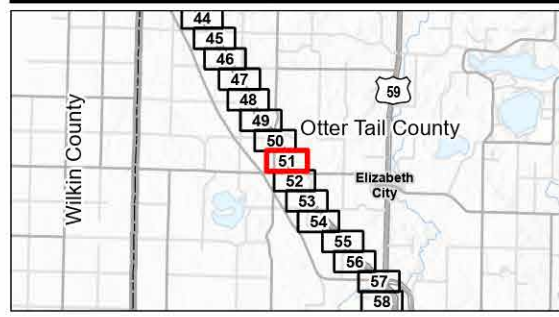


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B50**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

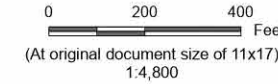
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- Residence 300-500 Feet from Centerline
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory

- Minnesota Public Waters Delineations**
- Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream

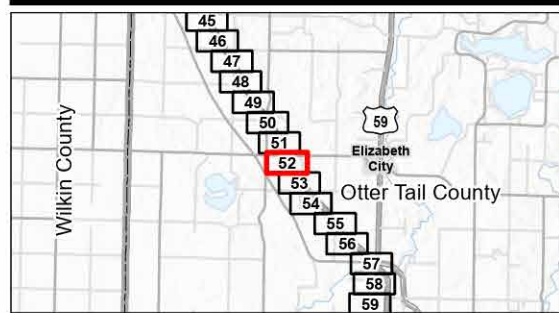
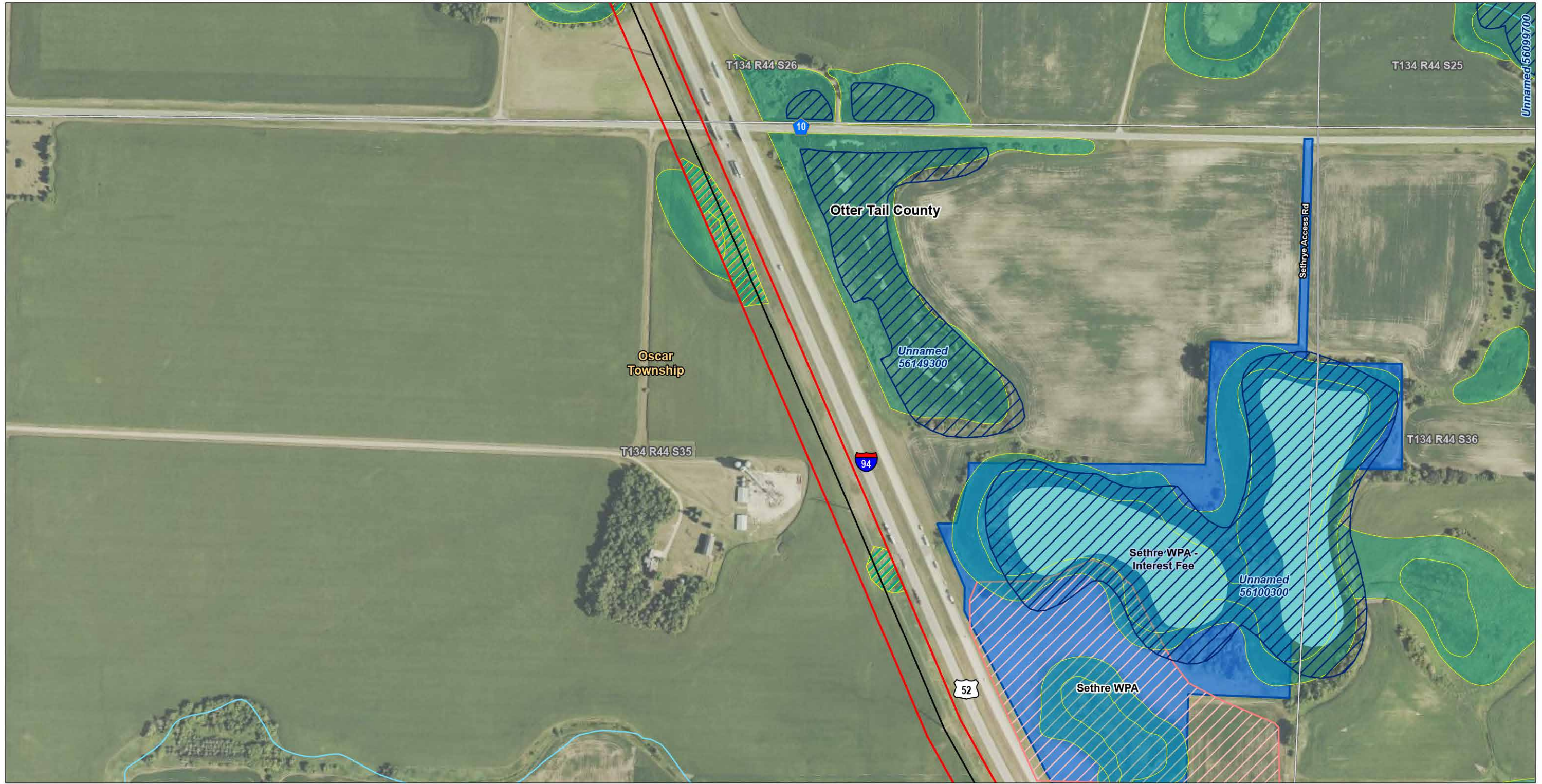


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B51**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



**Legend**

- Existing Transmission Line
- Project Area (Right-of-Way)
- County Subdivision
- County Boundary
- State Boundary
- Desktop Determined Wetlands (Level 1)

- National Wetlands Inventory Sites of Biodiversity Significance
- Below USFWS Interest
- Waterfowl Production Area

- Minnesota Public Waters Delineations**
- Public Waters Basins
- National Hydrography Dataset
- Waterbody
- Stream



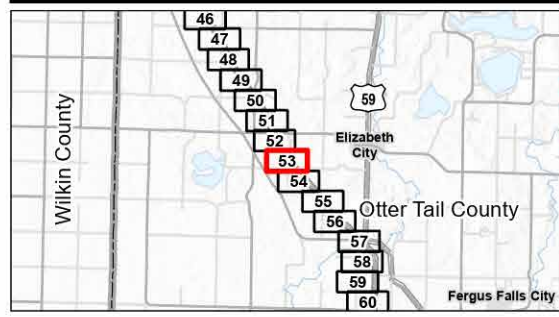
0 200 400 Feet  
 (At original document size of 11x17)  
 1:4,800

*Project Location*  
 Clay, Wilkin, Otter Tail, Grant  
 and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
 TR by AR on 2026-01-13  
 IR by NP on 2026-01-13

**Appendix B Map B52**  
**Detailed Project Area Map**  
 Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
 Transmission Project  
 Route Permit Amendment

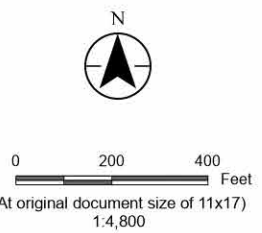
Notes  
 1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
 2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
 3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- Sites of Biodiversity Significance Below

- USFWS Interest Waterfowl Production Area
- National Hydrography Dataset Waterbody
- Stream



*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

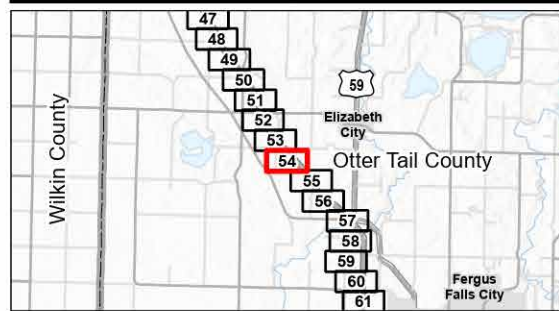
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B53**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

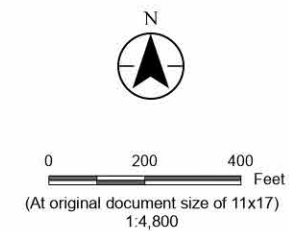
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\227\2271081\2203\_data\gis\_cad\gis\ac\Prop\pa\_amendment\pa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - Minnesota Public Waters Delineations
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream

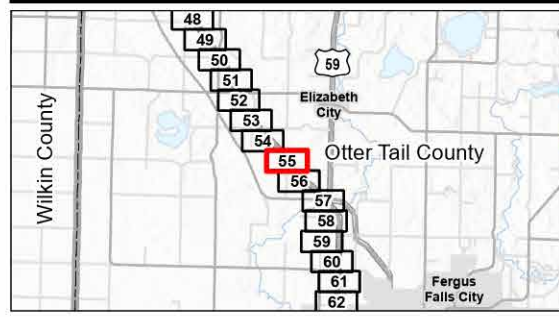
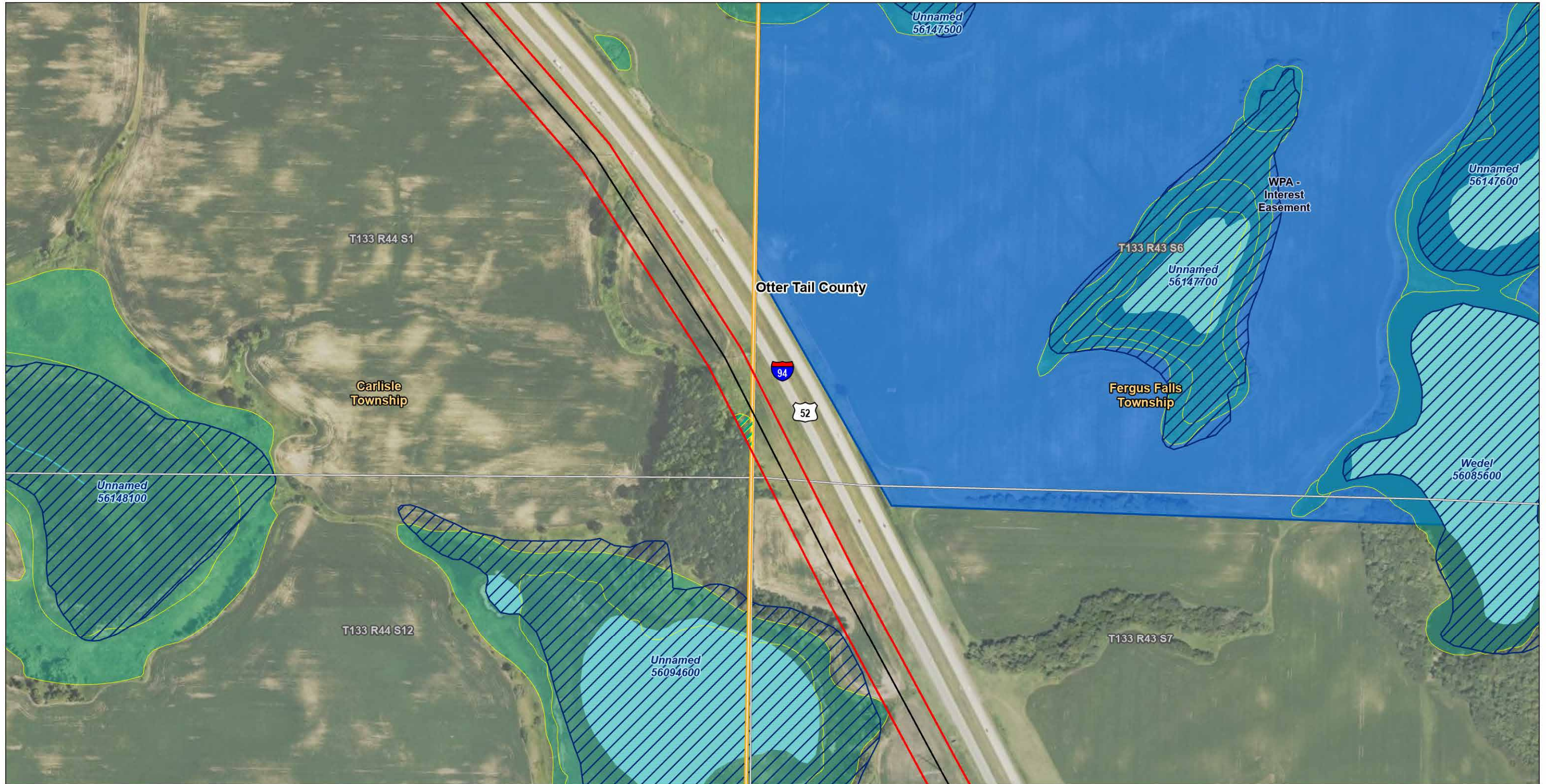


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B54**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

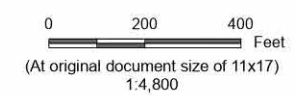
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- USFWS Interest
- Waterfowl Production Area

- Minnesota Public Waters Delineations**
- Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream



*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

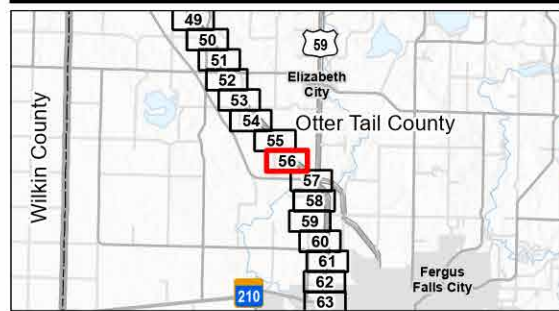
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B55**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



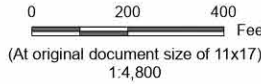
U:\2277\2277\081\2203\_data\gis\_cad\gis\AcPrj\pa\_amerdmnt\tpa\_amerdmnt.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary

- State Boundary
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory

- Minnesota Public Waters Delineations**
- Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream

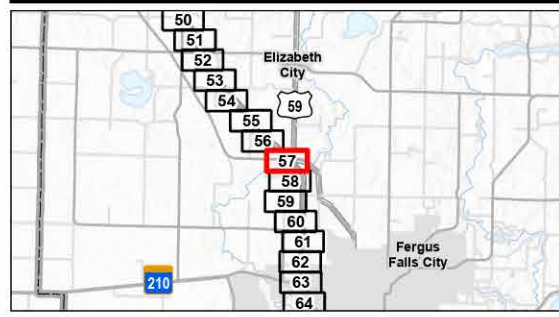
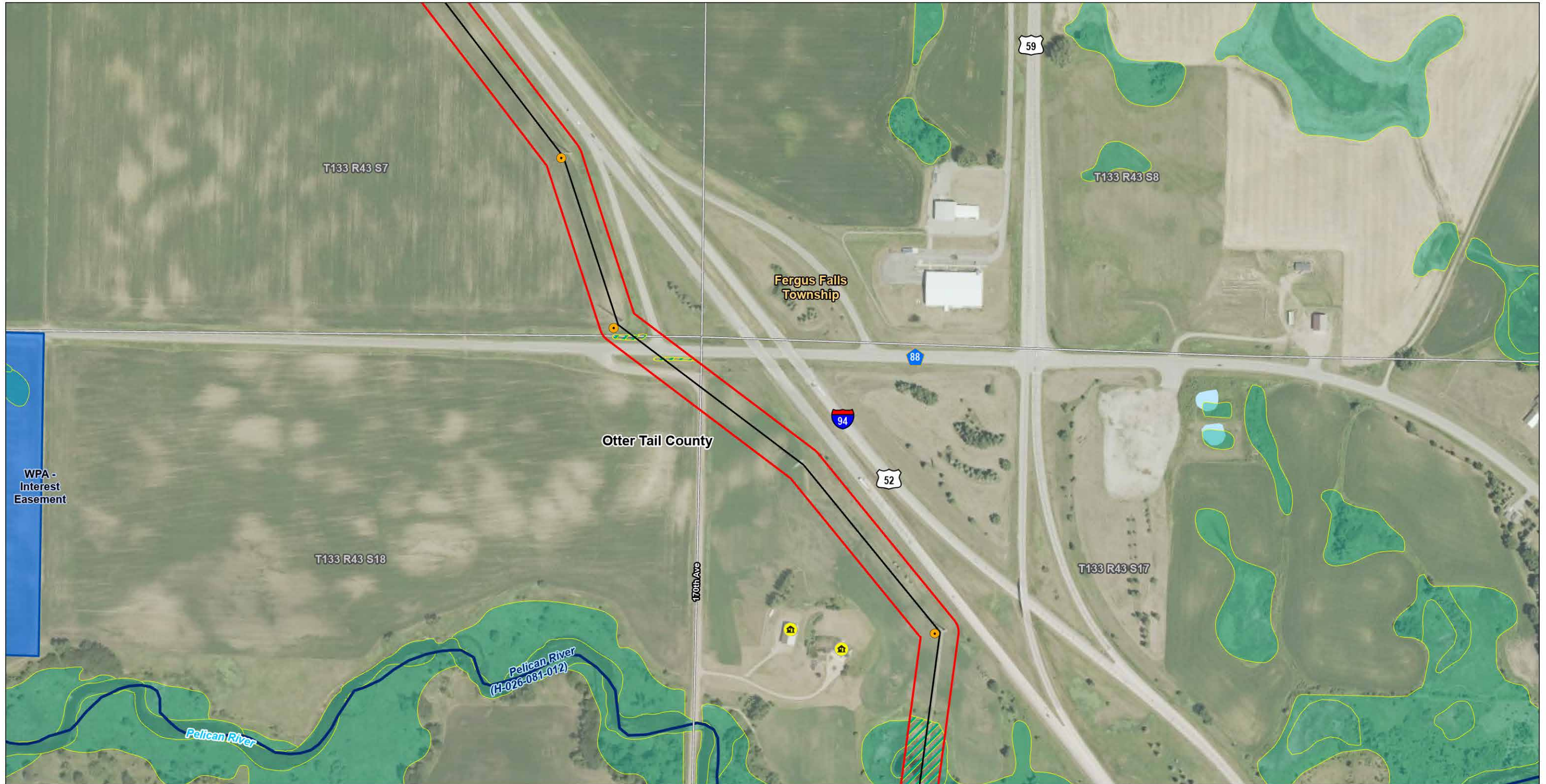


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B56**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- Residence 300-500 Feet from Centerline
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- USFWS Interest
- Waterfowl Production Area

- Minnesota Public Waters Delineations**
- Public Water Watercourse
  - National Hydrography Dataset
  - Waterbody
  - Stream

*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

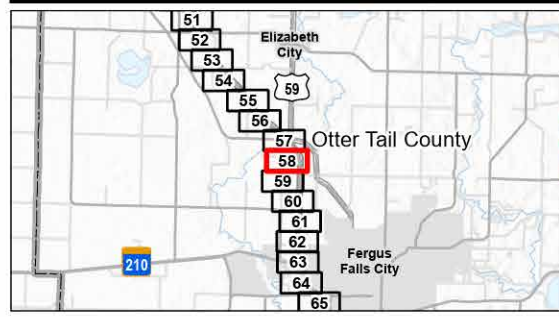
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13



0 200 400 Feet  
(At original document size of 11x17)  
1:4,800

**Appendix B Map B57**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

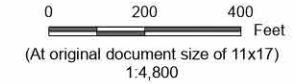
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- USFWS Interest
- Waterfowl Production Area

- Minnesota Public Waters Delineations**
- Public Water Watercourse
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream

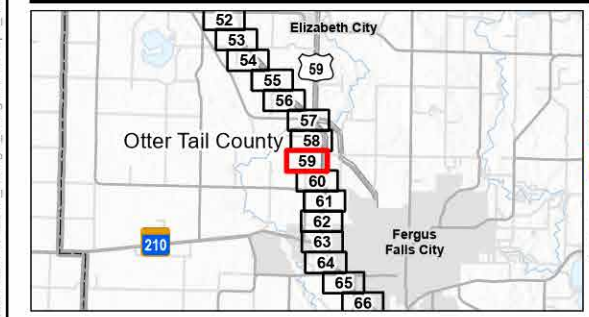
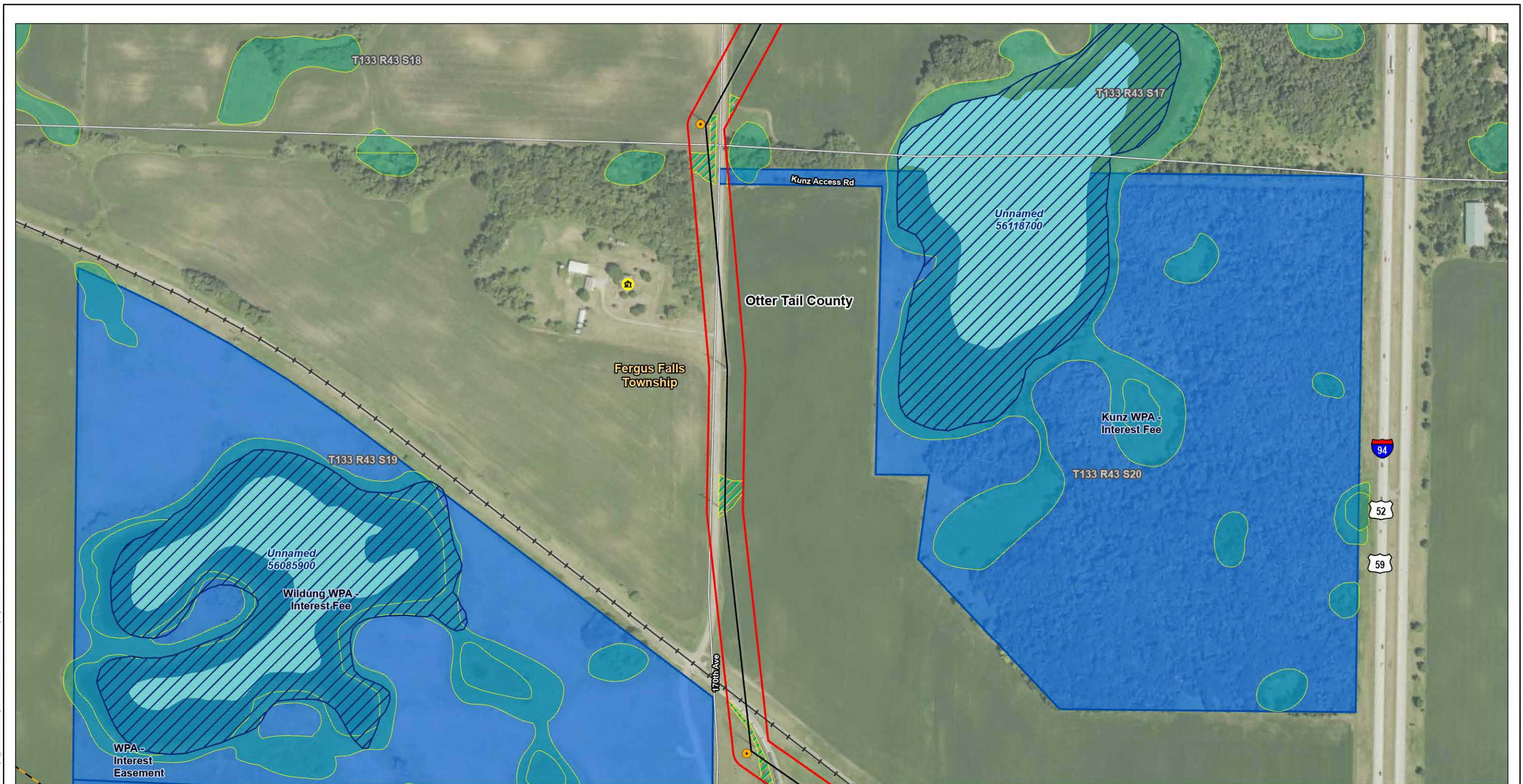


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

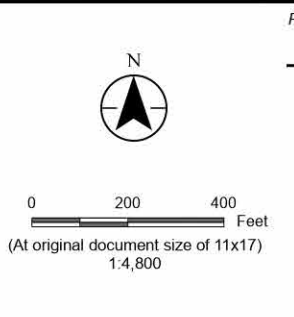
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B58**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Residence 300-500 Feet from Centerline
  - Railroad
  - Hazardous Liquid Pipelines
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - USFWS Interest
  - Waterfowl Production Area
  - Minnesota Public Waters Delineations
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody



*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

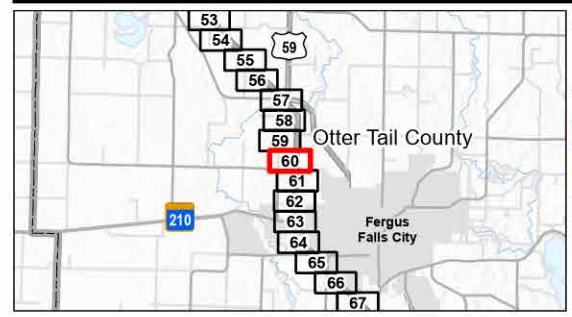
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B59**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



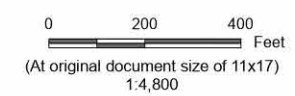
U:\2277\2277081\22703\_data\gis\_cad\gis\AcPrp\pa\_amendment\pa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- |  |  |  |
|--|--|--|
| <ul style="list-style-type: none"> <li> New Foundation &amp; Structure</li> <li> Existing Transmission Line</li> <li> Project Area (Right-of-Way)</li> <li> Municipality</li> <li> County Subdivision</li> <li> County Boundary</li> </ul> | <ul style="list-style-type: none"> <li> State Boundary</li> <li> Railroad</li> <li> Existing Electric Transmission Line</li> <li> Desktop Determined Wetlands (Level 1)</li> </ul> | <ul style="list-style-type: none"> <li> National Wetlands Inventory</li> <li> USFWS Interest</li> <li> Waterfowl Production Area</li> <li> National Hydrography Dataset</li> <li> Waterbody</li> </ul> |
|--|--|--|

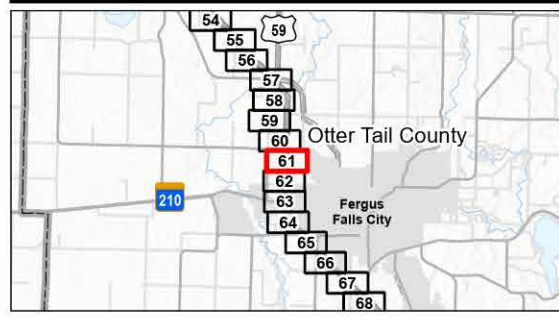
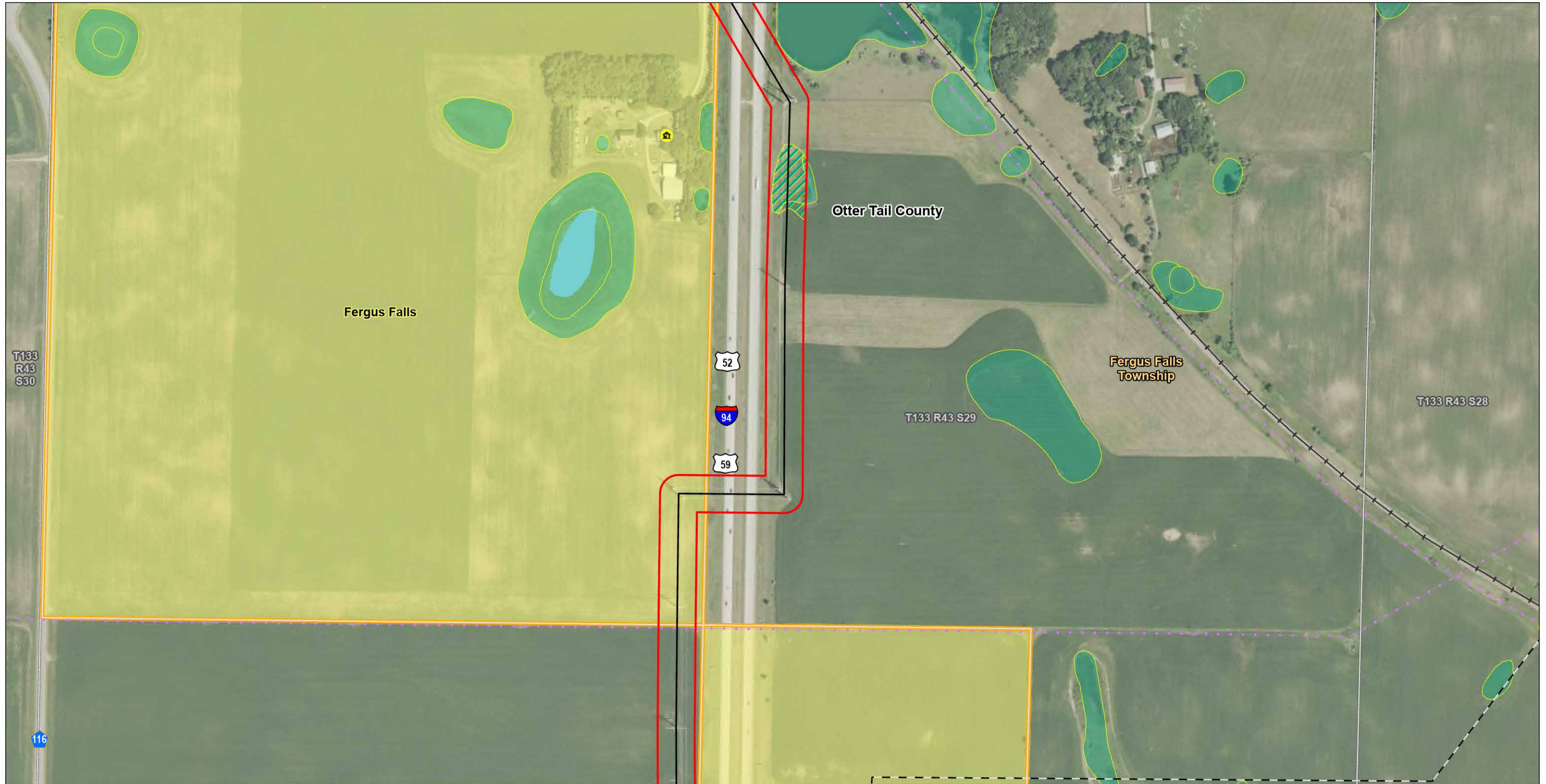
*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13



**Appendix B Map B60**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

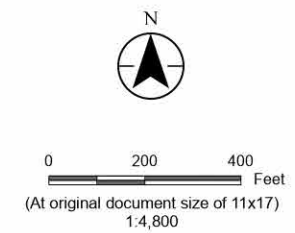
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - Municipality
  - County Subdivision
  - County Boundary

- State Boundary
- Residence 300-500 Feet from Centerline
- Railroad
- Existing Electric Transmission Line

- Gas Transmission Pipelines
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- National Hydrography Dataset
- Waterbody



*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

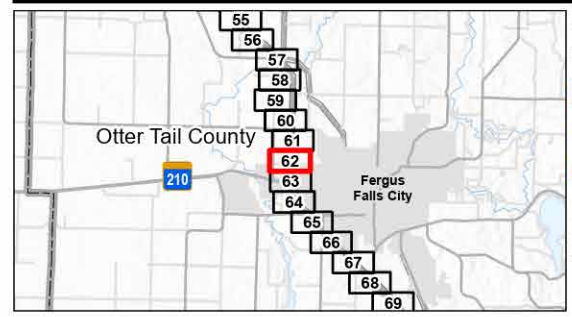
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B61**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\2277\2277\0812\203\_data\gis\_cad\gis\AcPrj\ppa\_amendment\ppa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



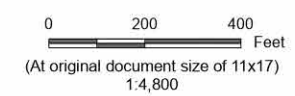
- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - Municipality
  - County Subdivision
  - County Boundary
  - State Boundary

- Gas Transmission Pipelines
- Hazardous Liquid Pipelines
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory

- Minnesota Public Waters Delineations**
- Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream

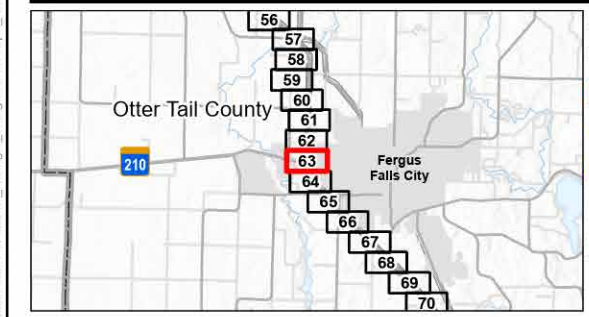
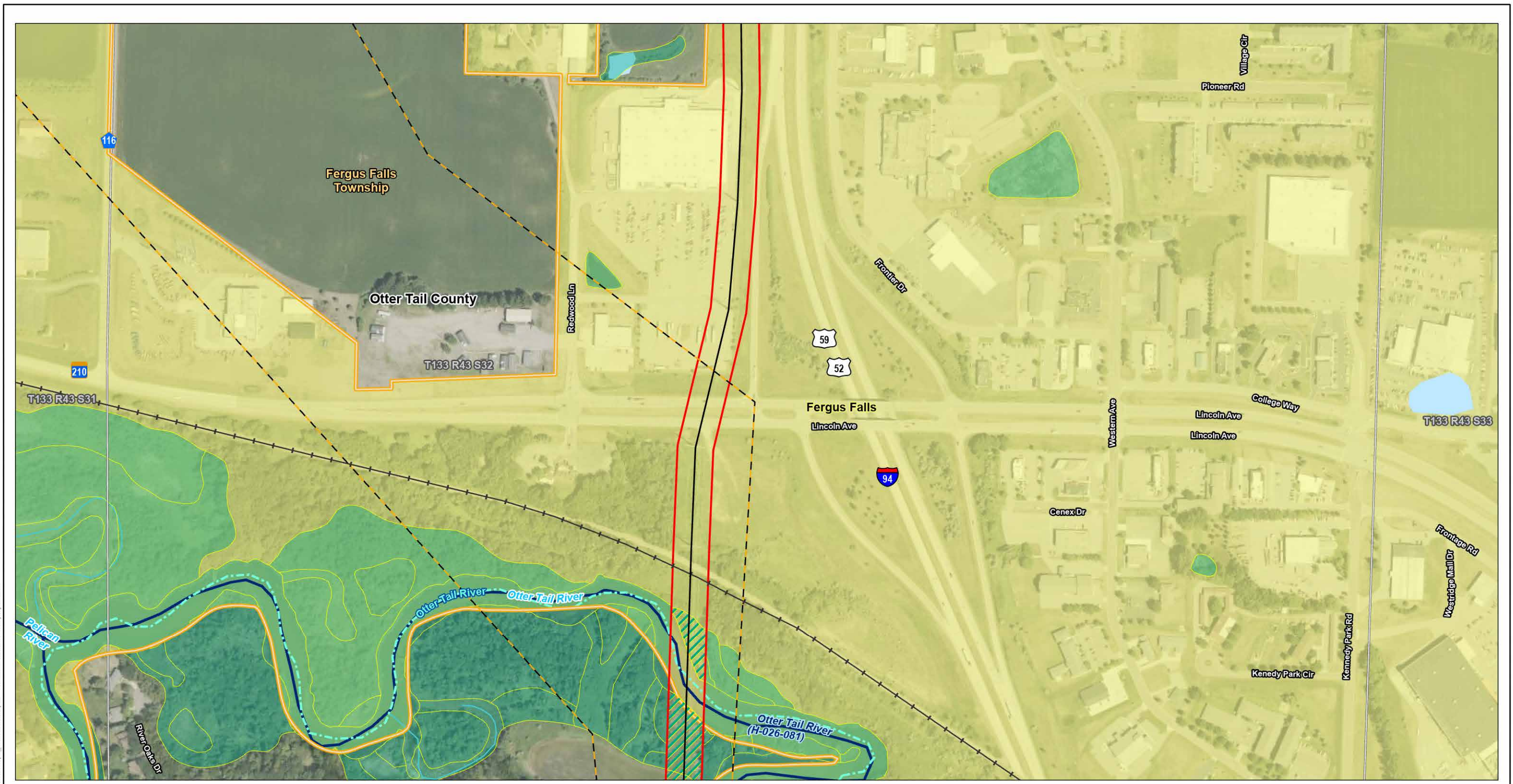
*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

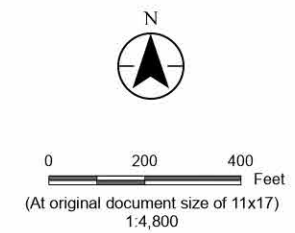


**Appendix B Map B62**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - Municipality
  - County Subdivision
  - County Boundary
  - State Boundary
  - Railroad
  - Hazardous Liquid Pipelines
  - Water Trails in Minnesota
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - Minnesota Public Waters Delineations
  - National Hydrography Dataset
  - Public Water Watercourse
  - Waterbody
  - Stream

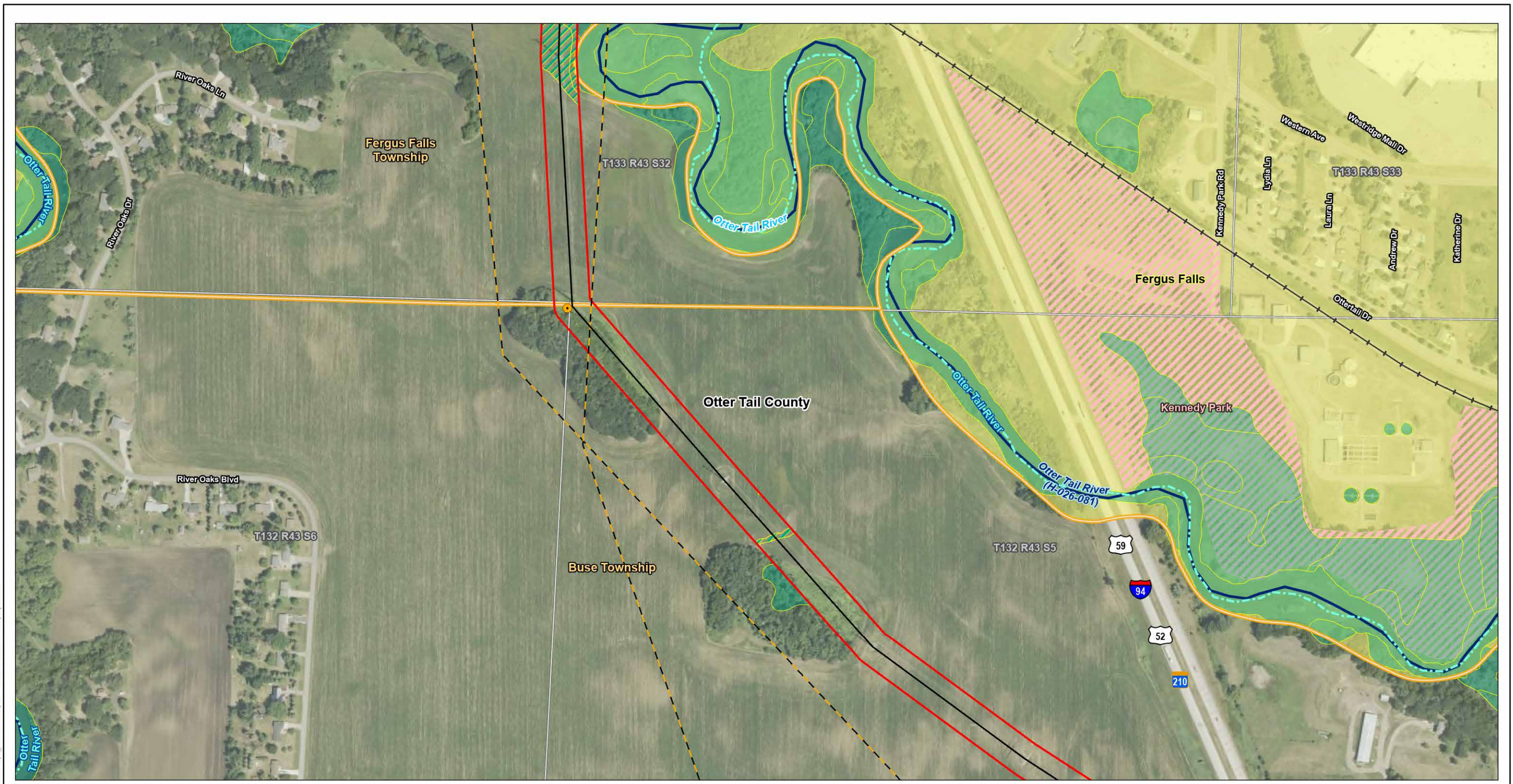


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

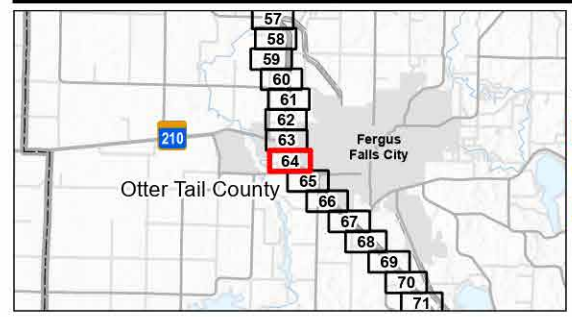
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B63**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

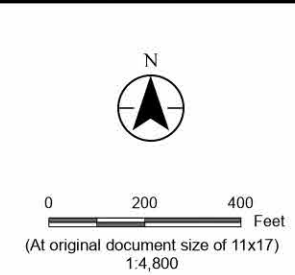
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\227\2271081\2203\_data\gis\_cad\gis\AcProc\p\p\p\_amer\amendment\p\p\_amer\amendment.aprx Revised: 2026-04-15 By: kjmueller



- |   |   |   |
|---|---|---|
| <ul style="list-style-type: none"> <li><span style="color: yellow;">●</span> New Foundation &amp; Structure</li> <li> Existing Transmission Line</li> <li> Project Area (Right-of-Way)</li> <li> Municipality</li> <li> County Subdivision</li> <li> County Boundary</li> </ul> | <ul style="list-style-type: none"> <li> State Boundary</li> <li> Railroad</li> <li> Hazardous Liquid Pipelines</li> <li> Water Trails in Minnesota</li> <li> Desktop Determined Wetlands (Level 1)</li> <li> National Wetlands Inventory</li> </ul> | <ul style="list-style-type: none"> <li> City/County Owned Land</li> <li> Minnesota Public Waters Delineations</li> <li> Public Water Watercourse</li> <li> National Hydrography Dataset</li> <li> Stream</li> </ul> |
|---|---|---|

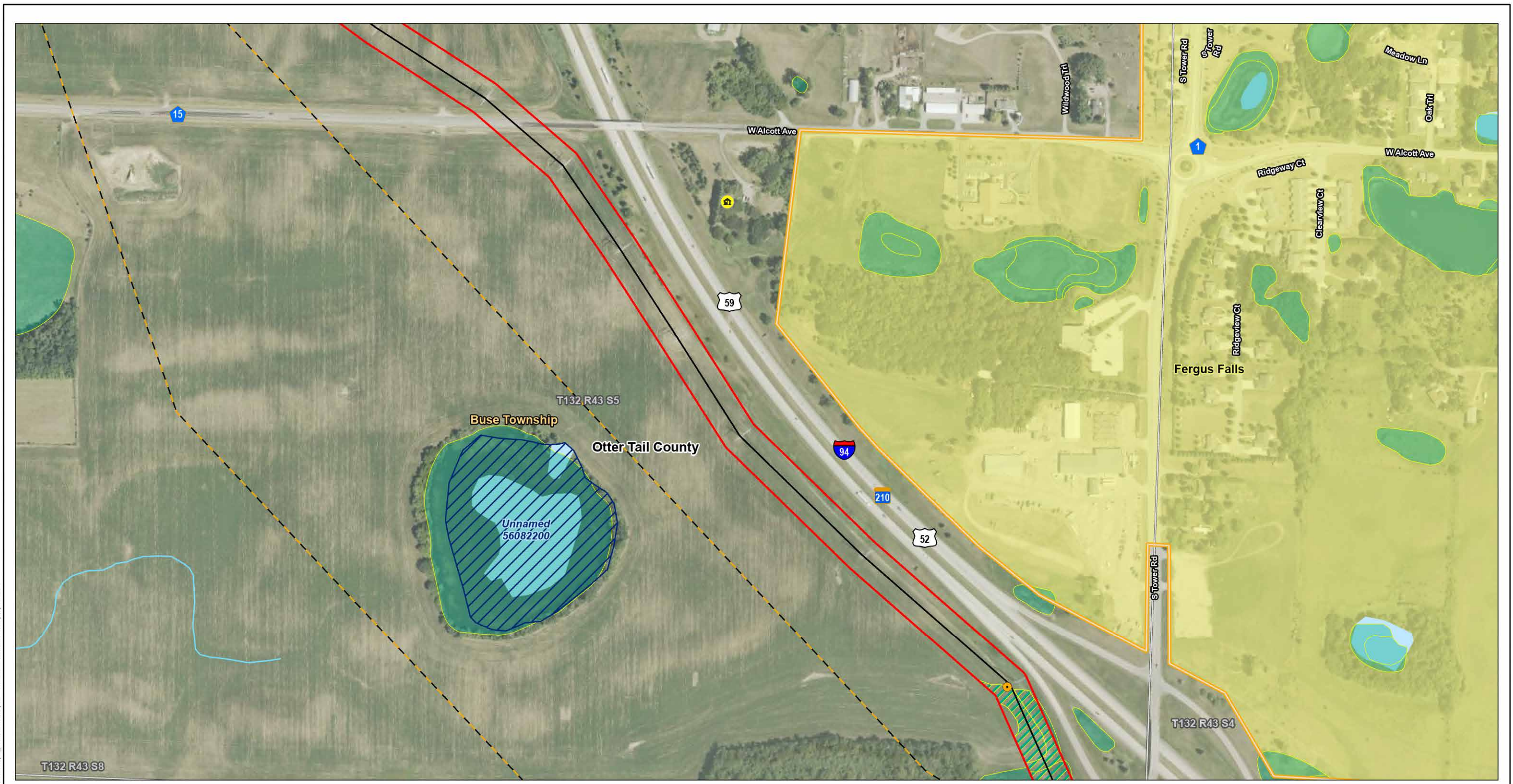


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

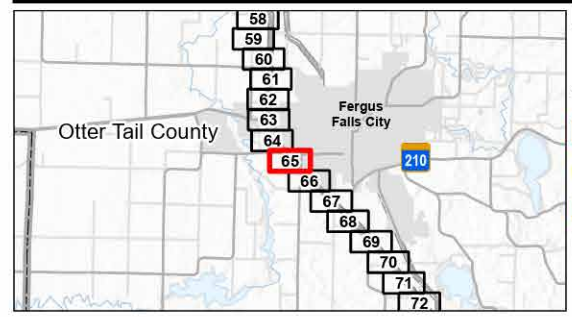
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B64**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



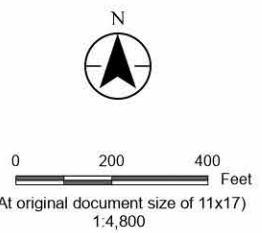
U:\2277\2277\08122\03\_data\gis\_cad\gis\AcPrj\pa\_amerndment\pa\_amerndment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - Municipality
  - County Subdivision
  - County Boundary

- State Boundary
- Residence 300-500 Feet from Centerline
- Hazardous Liquid Pipelines
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory

- Minnesota Public Waters Delineations**
- Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream

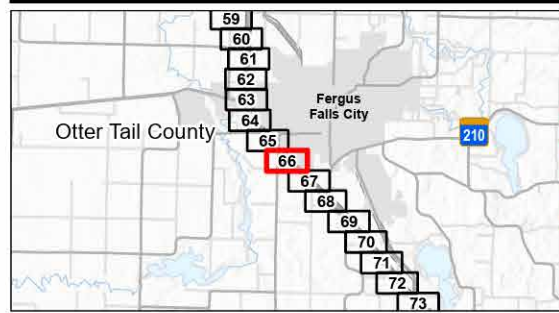


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B65**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - Municipality
  - County Subdivision
  - County Boundary
  - State Boundary
  - Hazardous Liquid Pipelines
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - National Hydrography Dataset
  - Waterbody
  - Stream



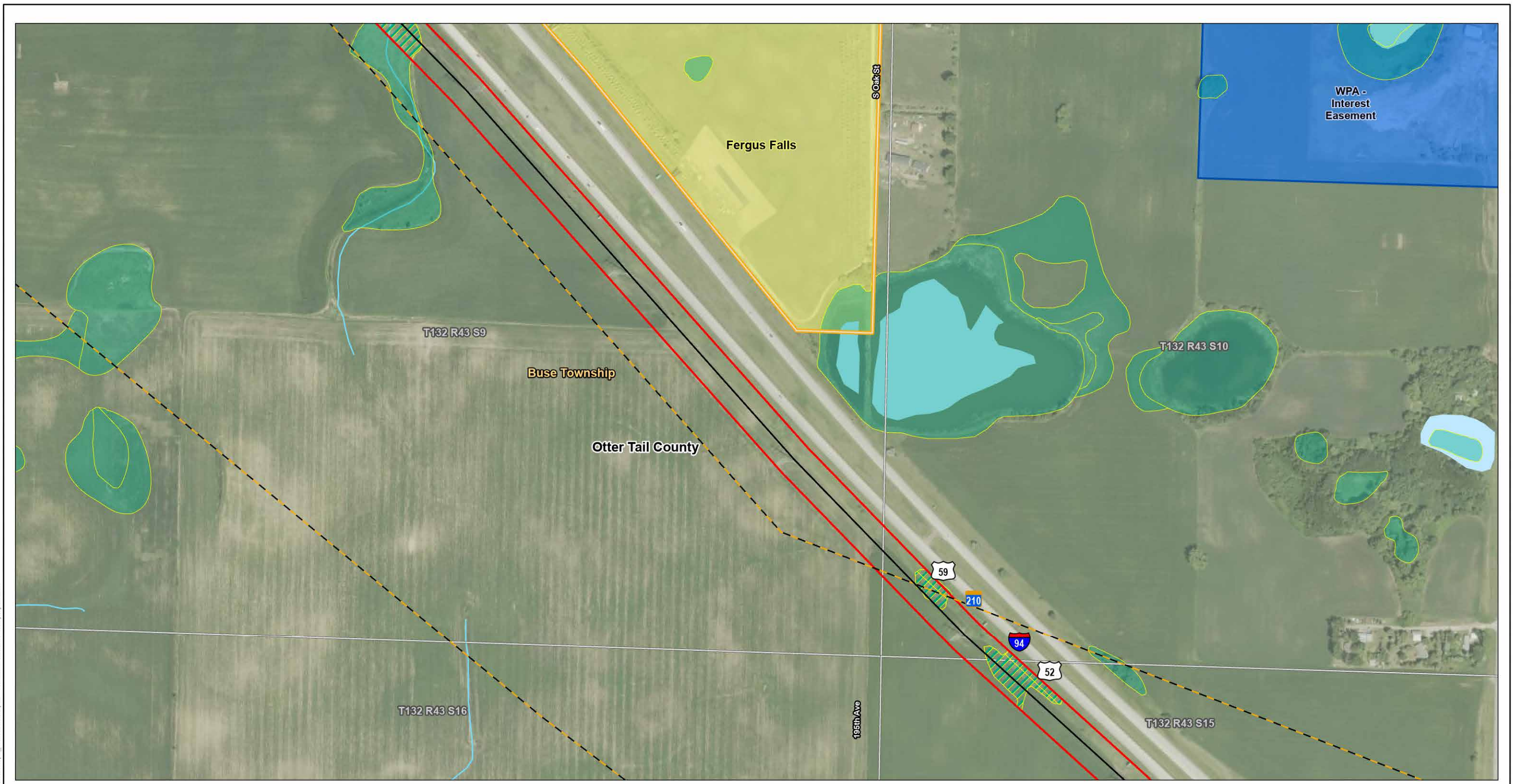
0 200 400 Feet  
 (At original document size of 11x17)  
 1:4,800

*Project Location*  
 Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

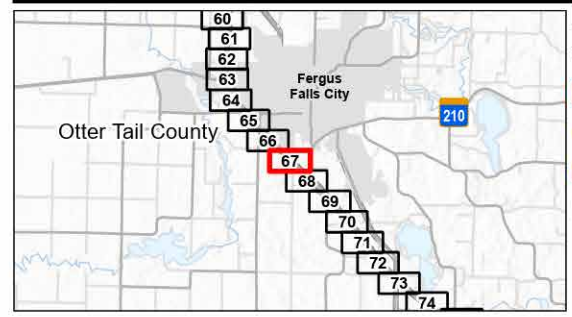
Prepared by KJM on 2026-04-15  
 TR by AR on 2026-01-13  
 IR by NP on 2026-01-13

**Appendix B Map B66**  
**Detailed Project Area Map**  
 Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
 Transmission Project  
 Route Permit Amendment

Notes  
 1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
 2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
 3. Background: NAIP 2023



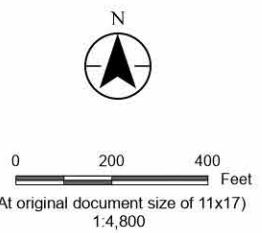
U:\2271\2271081\2203\_data\gis\_cad\gis\ac\Prop\pa\_amendment\tpa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - Municipality
  - County Subdivision
  - County Boundary

- State Boundary
- Hazardous Liquid Pipelines
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory

- USFWS Interest**
- Waterfowl Production Area
  - National Hydrography Dataset
  - Waterbody
  - Stream

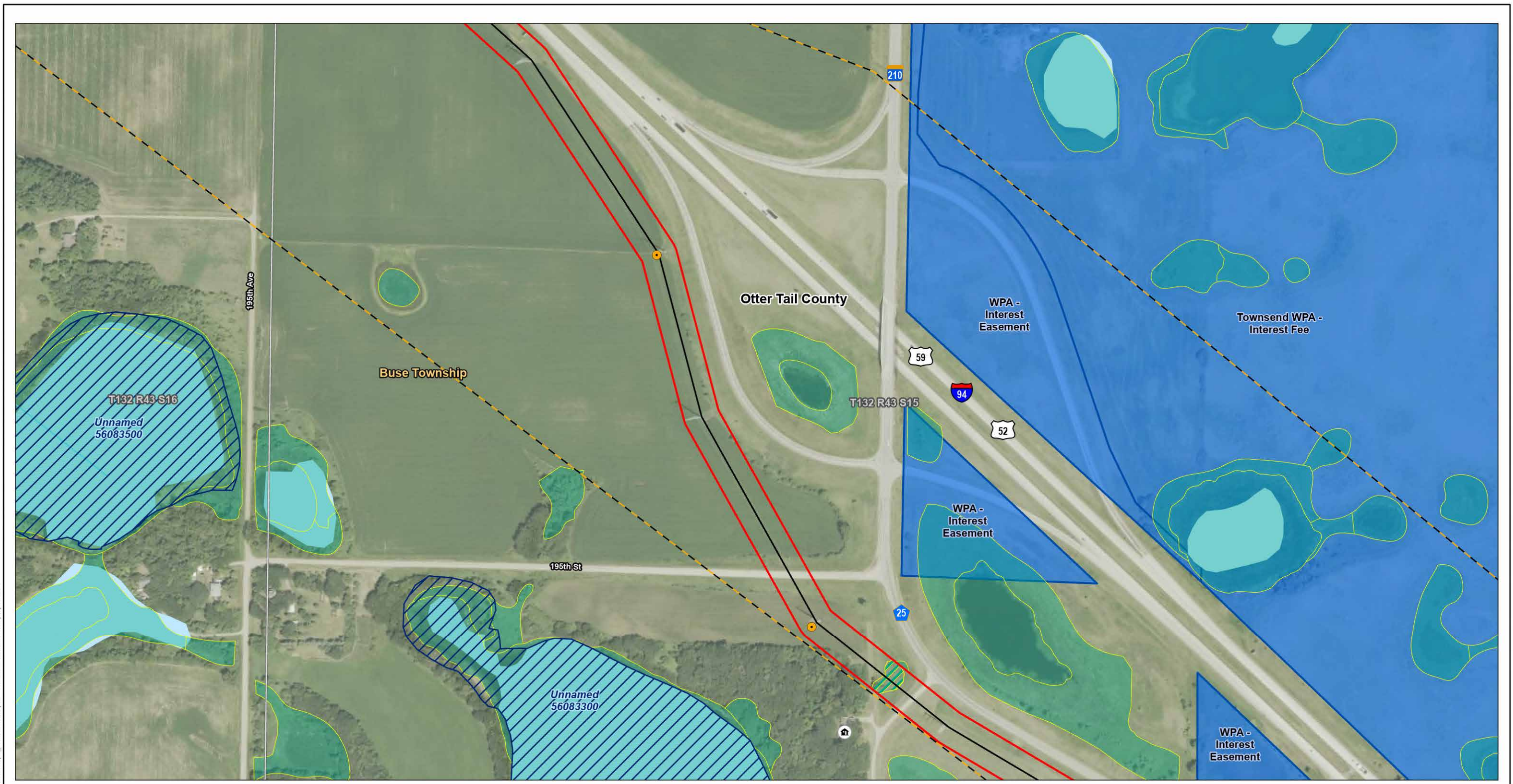


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

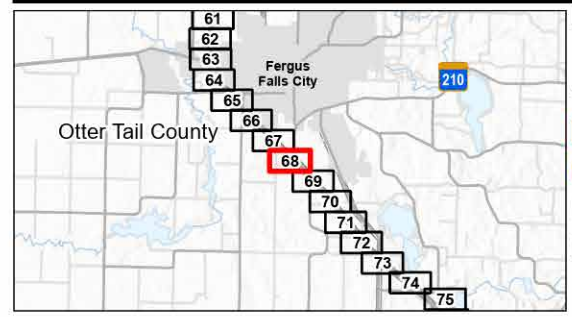
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B67**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

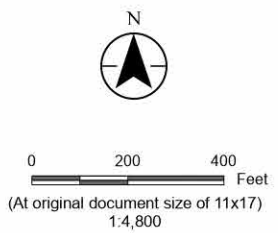
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\2277\2277081\2203\_data\gis\arcpro\pa\_amendment\pa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Residence 75-300 Feet from Centerline
  - Hazardous Liquid Pipelines
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - USFWS Interest
  - Waterfowl Production Area
  - Minnesota Public Waters Delineations
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream

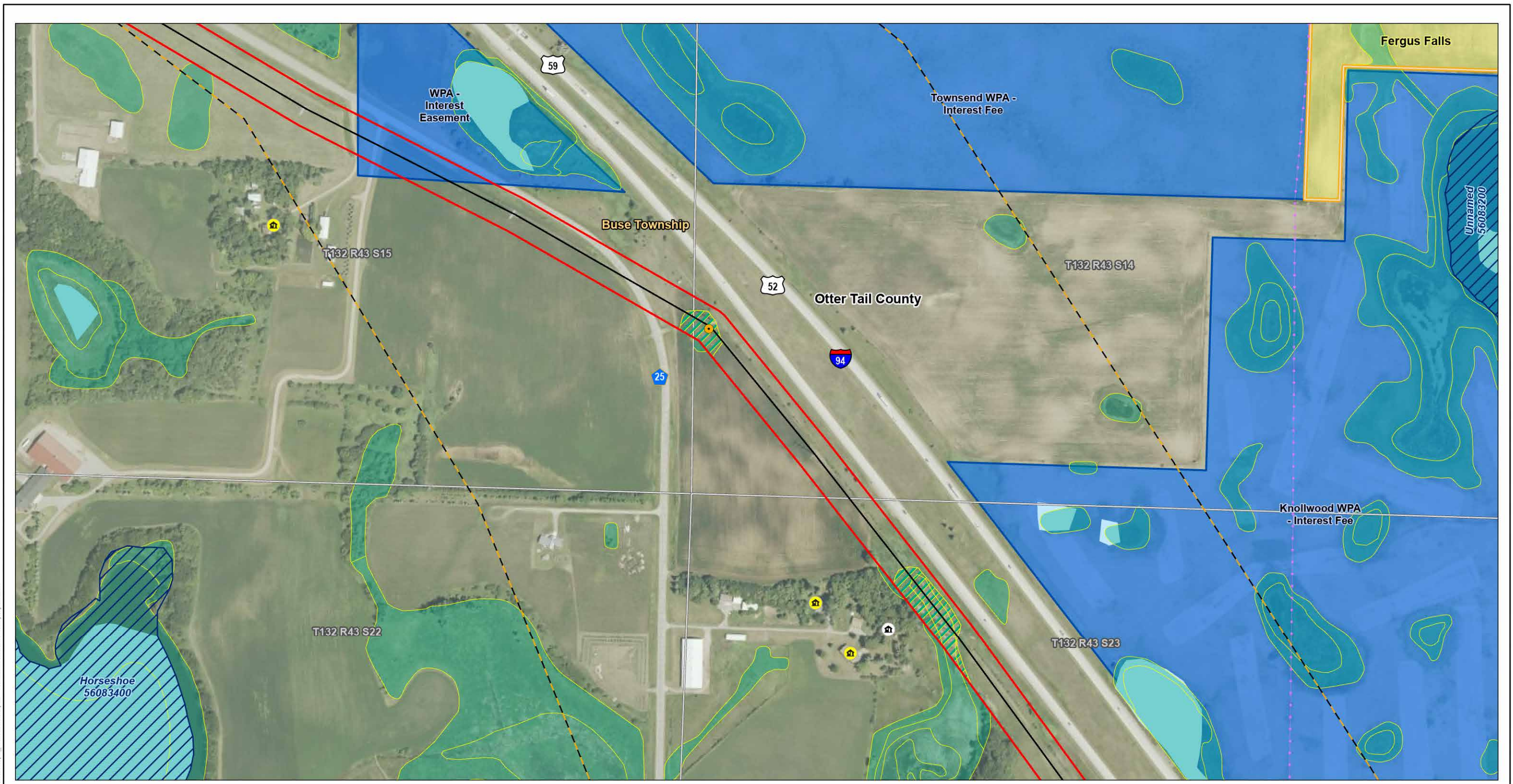


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

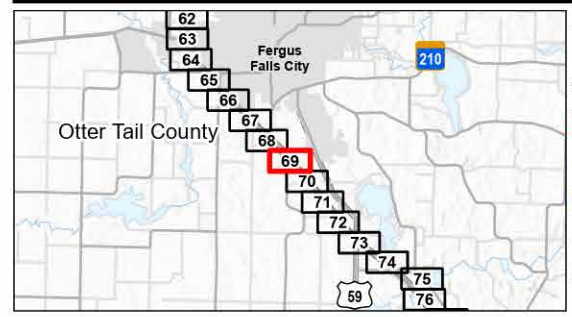
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B68**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



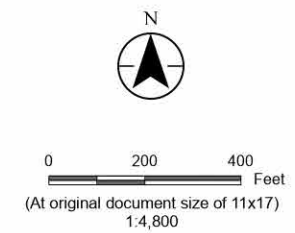
U:\2277\2277081\2203\_data\gis\_cad\gis\AcPrj\pa\_amendment\pa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - Municipality
  - County Subdivision
  - County Boundary
  - State Boundary
  - Residence 75-300 Feet from Centerline
  - Residence 300-500 Feet from Centerline
  - Existing Electric Transmission Line
  - Hazardous Liquid Pipelines
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - USFWS Interest
  - Waterfowl Production Area
  - Minnesota Public Waters Delineations
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody

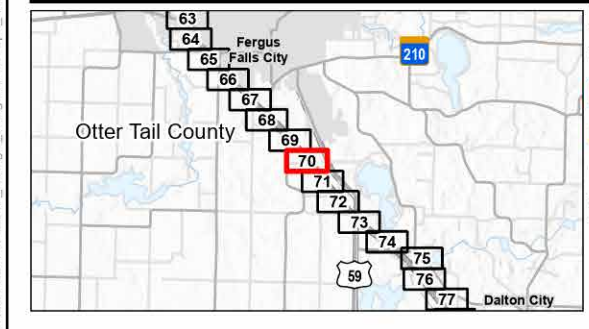
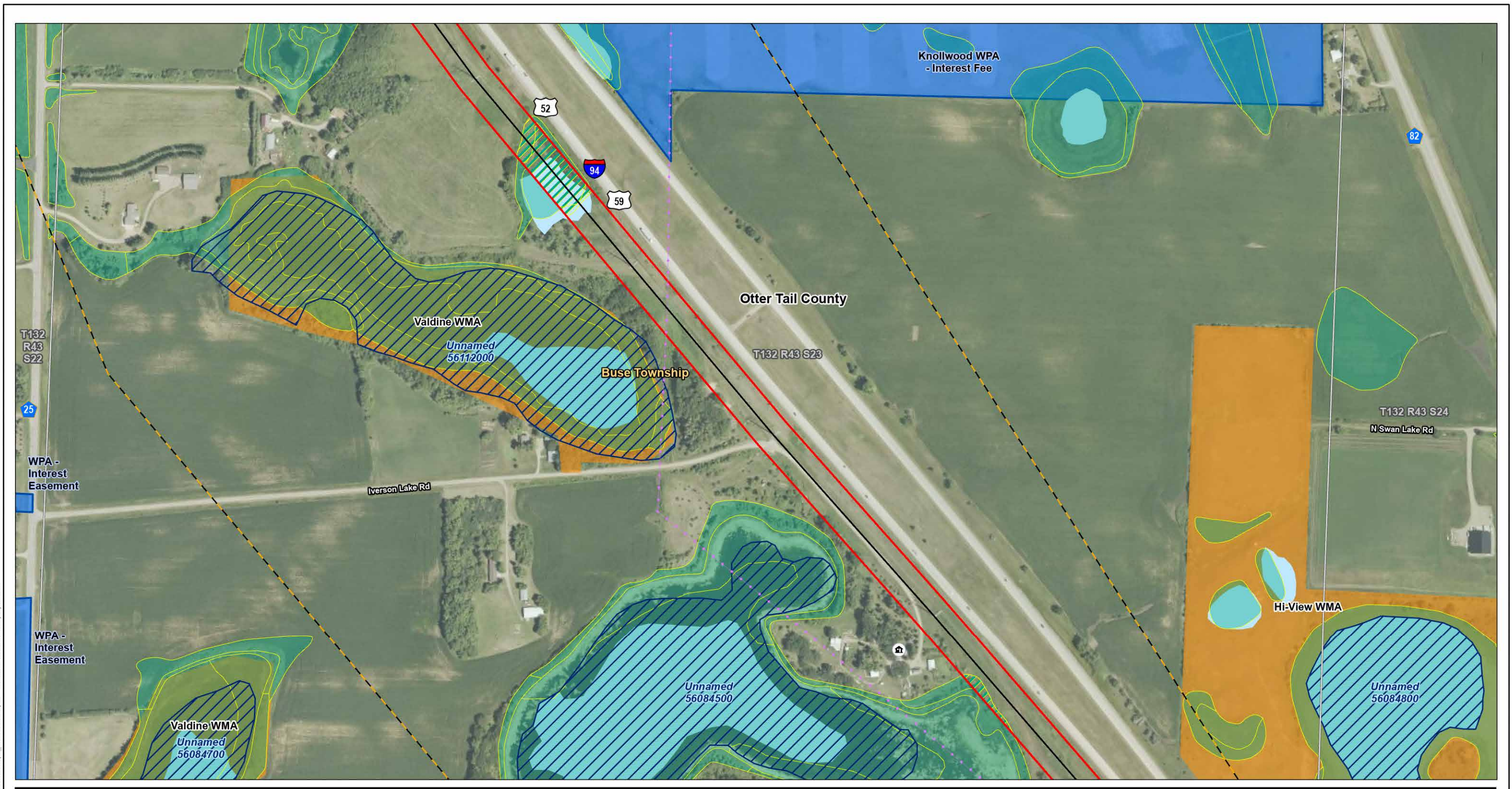
*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13



**Appendix B Map B69**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



**Legend**

Existing Transmission Line	Existing Electric Transmission Line	<b>MNDNR Management Units - LRS</b>
Project Area (Right-of-Way)	Hazardous Liquid Pipelines	Wildlife Management Area - WMA
County Subdivision	Desktop Determined Wetlands (Level 1)	<b>Minnesota Public Waters Delineations</b>
County Boundary	National Wetlands Inventory	Public Waters Basins
State Boundary	USFWS Interest	National Hydrography Dataset
Residence 75-300 Feet from Centerline	Waterfowl Production Area	Waterbody

**Project Location**  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

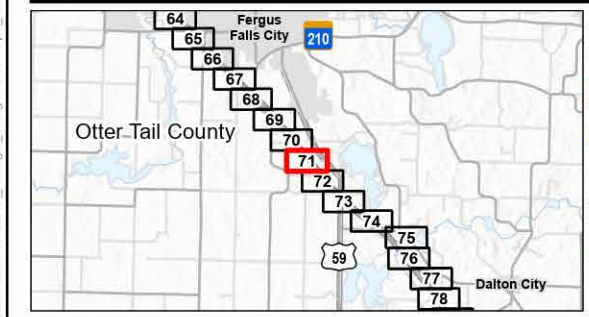
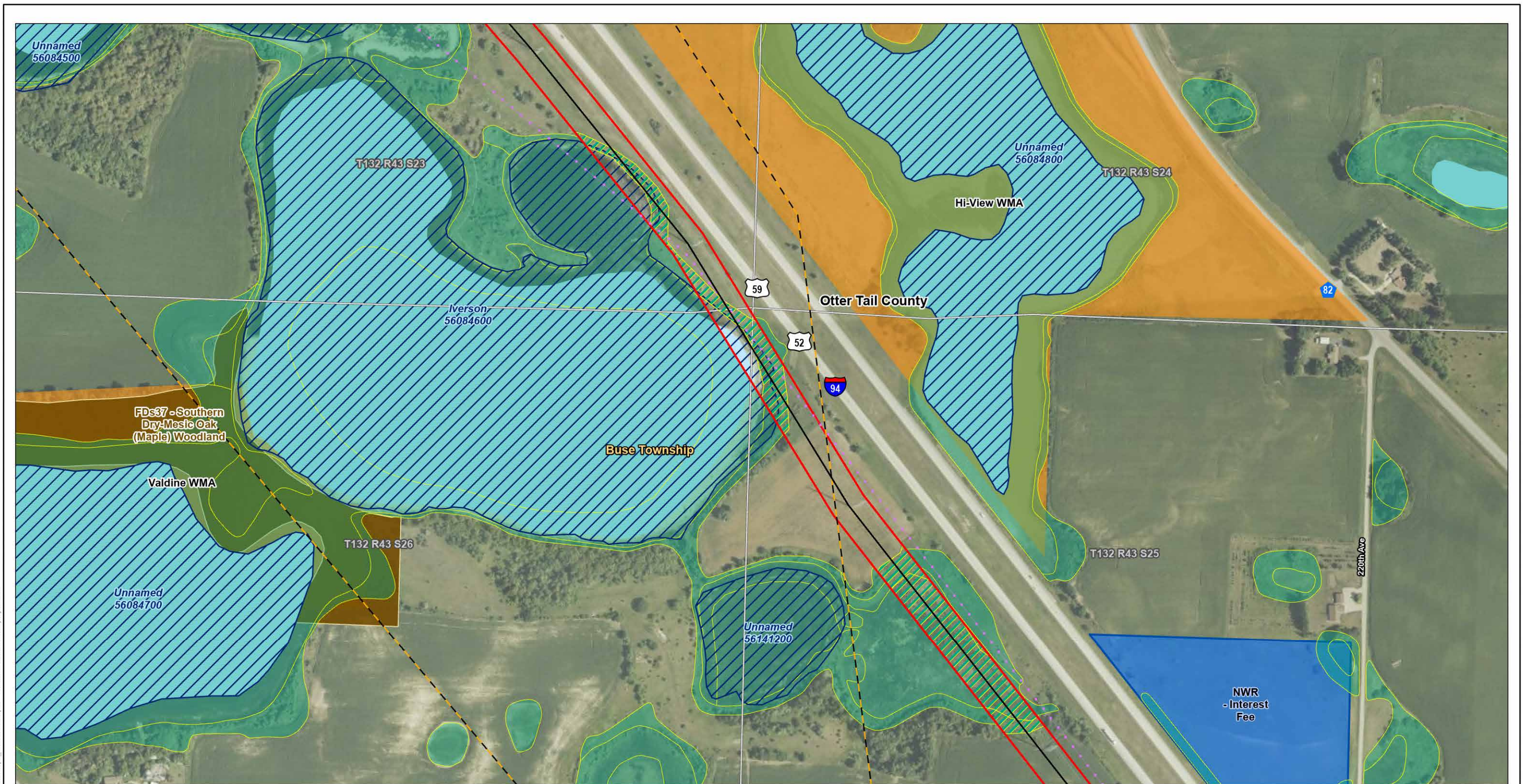
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B70**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

**Notes**  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

Scale: 0 200 400 Feet  
(At original document size of 11x17)  
1:4,800

Page 70 of 123



**Legend**

Existing Transmission Line	Desktop Determined Wetlands (Level 1)	MNDNR Management Units - LRS Wildlife Management Area - WMA
Project Area (Right-of-Way)	National Wetlands Inventory	Minnesota Public Waters Delineations
County Subdivision	DNR Native Plant Communities	Public Waters Basins
County Boundary	USFWS Interest	National Hydrography Dataset
State Boundary	Waterfowl Production Area	Waterbody
Existing Electric Transmission Line	Hazardous Liquid Pipelines	

**Project Location**  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

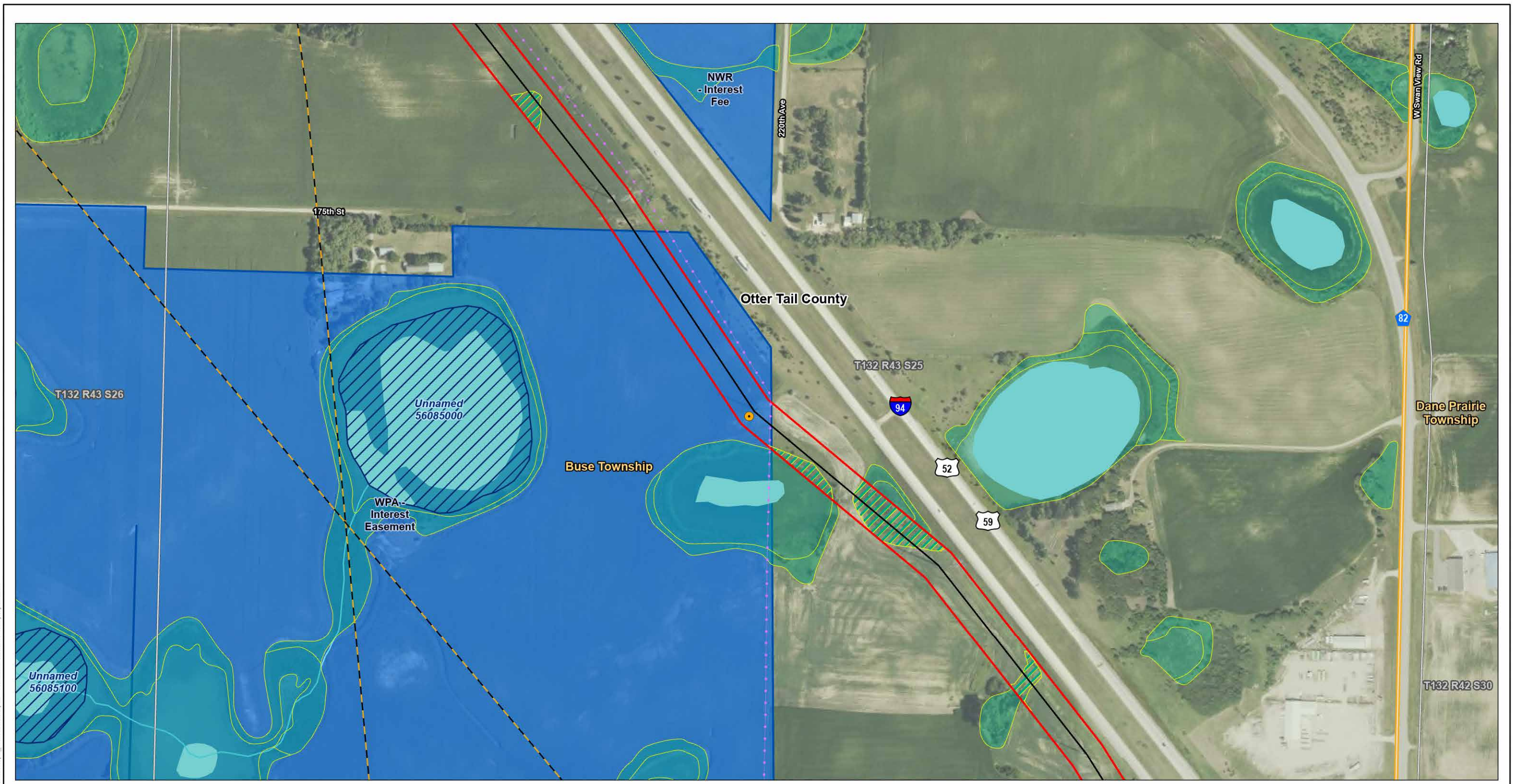
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B71**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

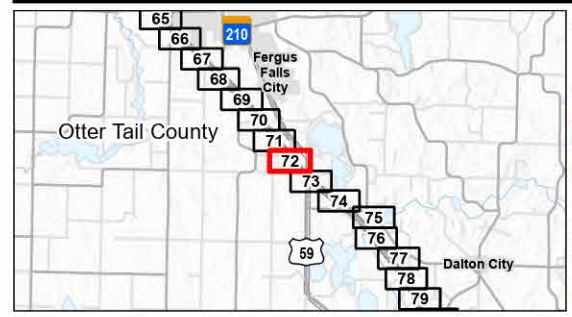
**Notes**  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

0 200 400 Feet  
(At original document size of 11x17)  
1:4,800

Page 71 of 123

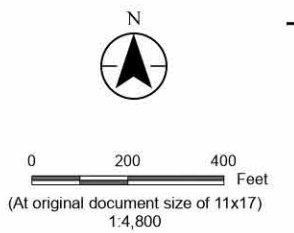


U:\277\277\081\22\03\_data\gis\_cad\gis\AcPrj\pa\_amerndm\ltpa\_amerndm\ltpa\_amerndm.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Existing Electric Transmission Line
  - Hazardous Liquid Pipelines
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - USFWS Interest
  - Waterfowl Production Area
  - Minnesota Public Waters Delineations
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream

- Hazardous Liquid Pipelines
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- USFWS Interest
- Waterfowl Production Area
- Minnesota Public Waters Delineations
- Public Waters Basins
- National Hydrography Dataset
- Waterbody
- Stream

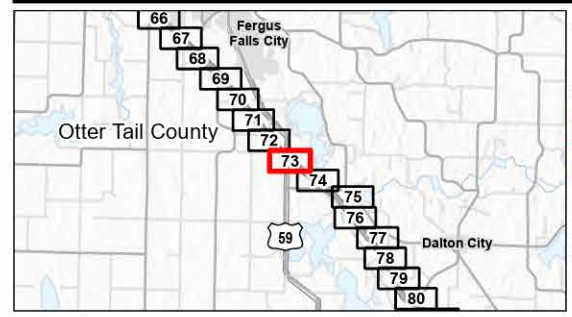
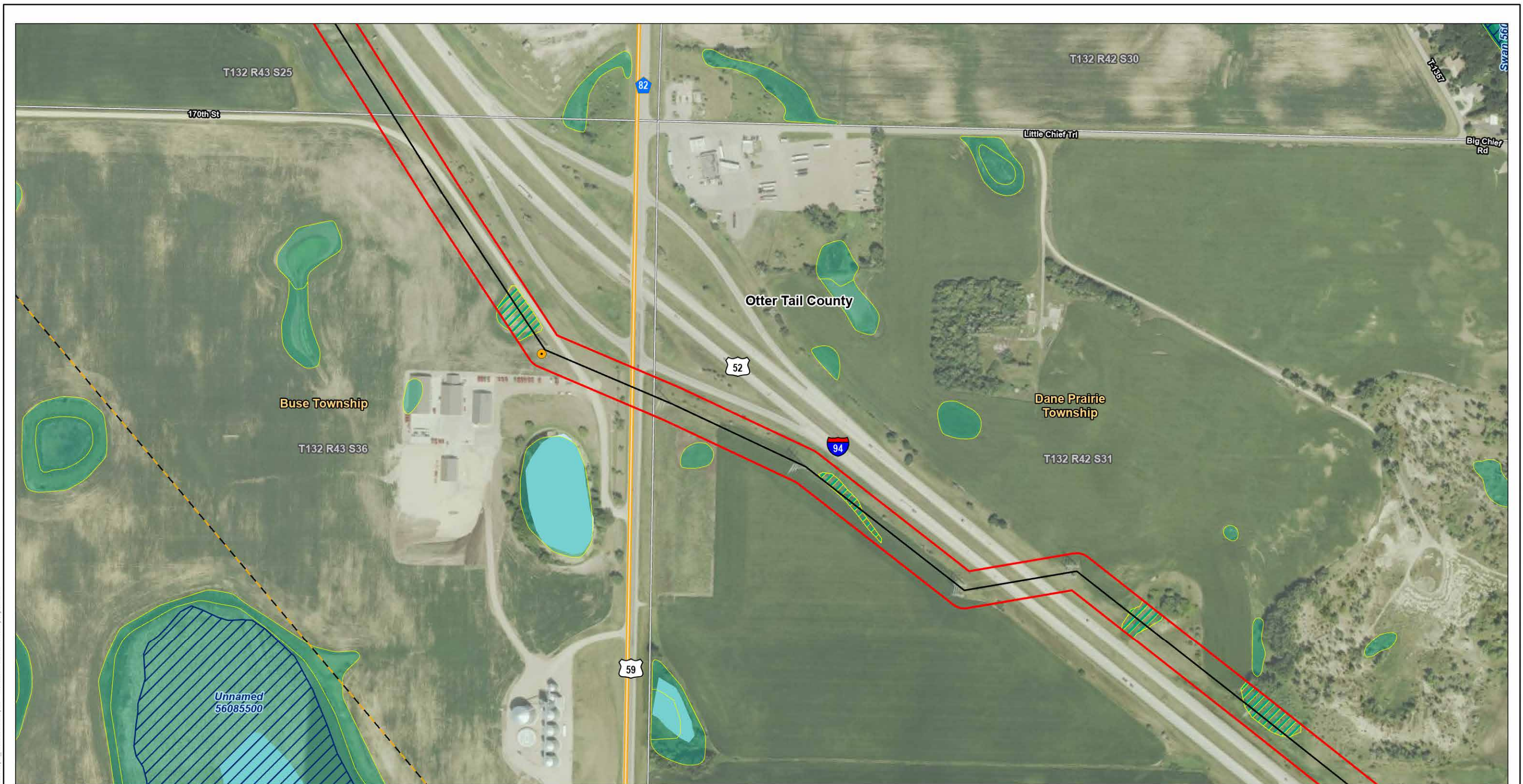


**Project Location**  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B72**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

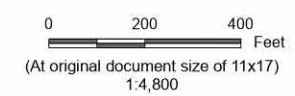
**Notes**  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- Hazardous Liquid Pipelines
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- Lakes of Biological Significance
- High

- Minnesota Public Waters Delineations**
- Public Waters Basins
  - National Hydrography Dataset
  - Waterbody

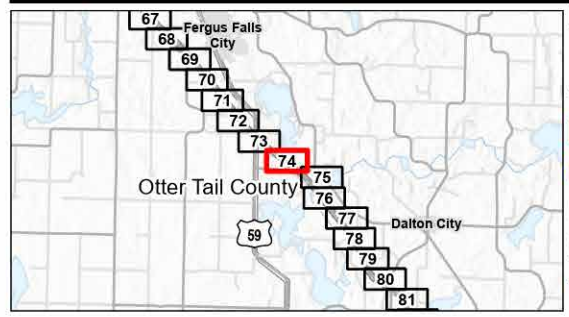
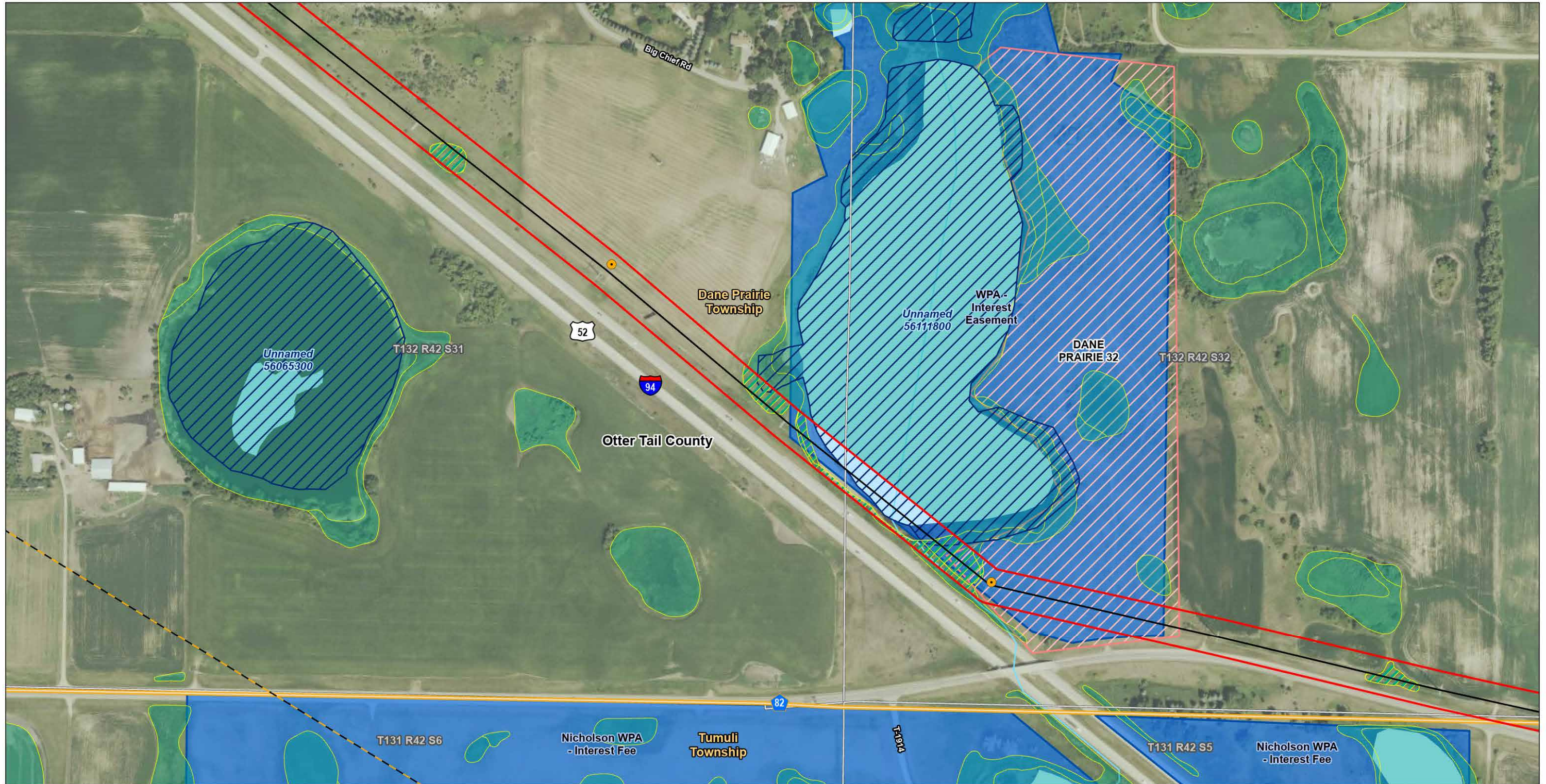


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B73**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

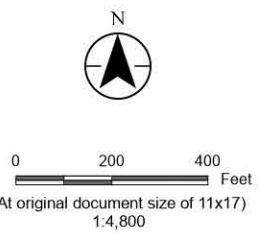
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Hazardous Liquid Pipelines

- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- Sites of Biodiversity Significance
- Below USFWS Interest
- Waterfowl Production Area

- Minnesota Public Waters Delineations**
- Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream

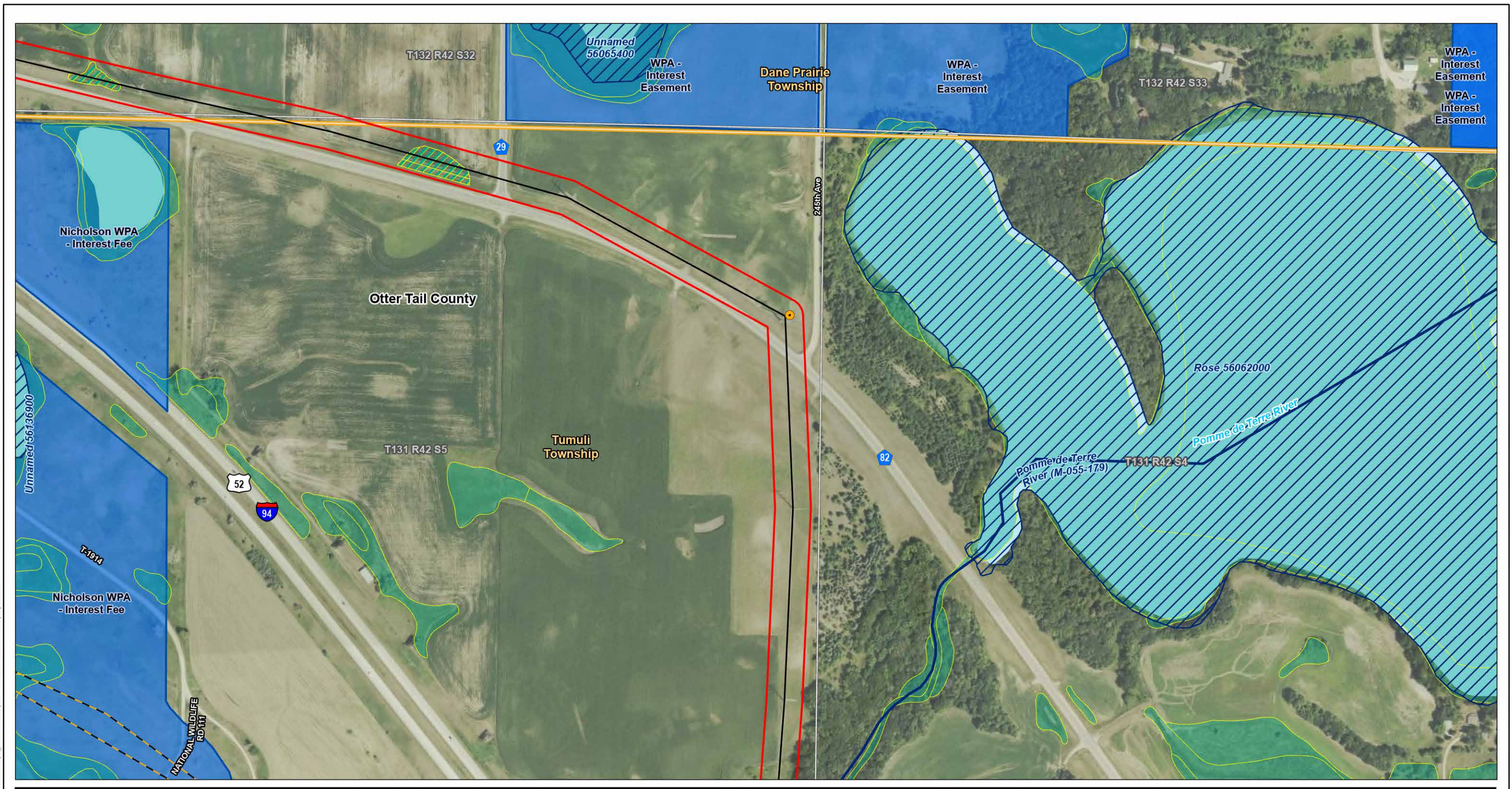


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

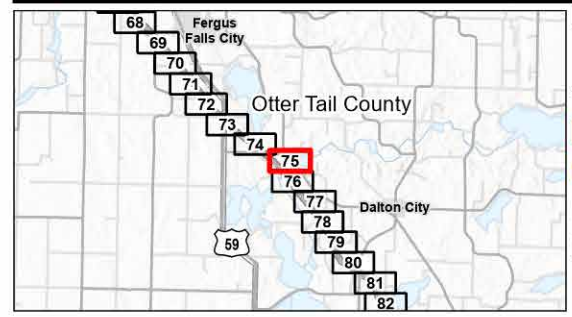
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B74**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

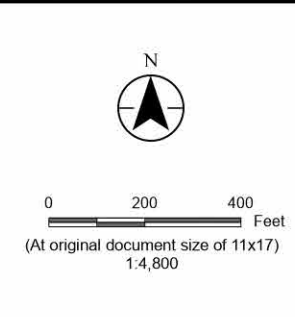
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\2277\2277\081122\03\_data\gis\caet\gis\AcPr\tpa\_amendment\tpa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Hazardous Liquid Pipelines
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - USFWS Interest
  - Waterfowl Production Area
  - Minnesota Public Waters Delineations
  - Public Water Watercourse
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream



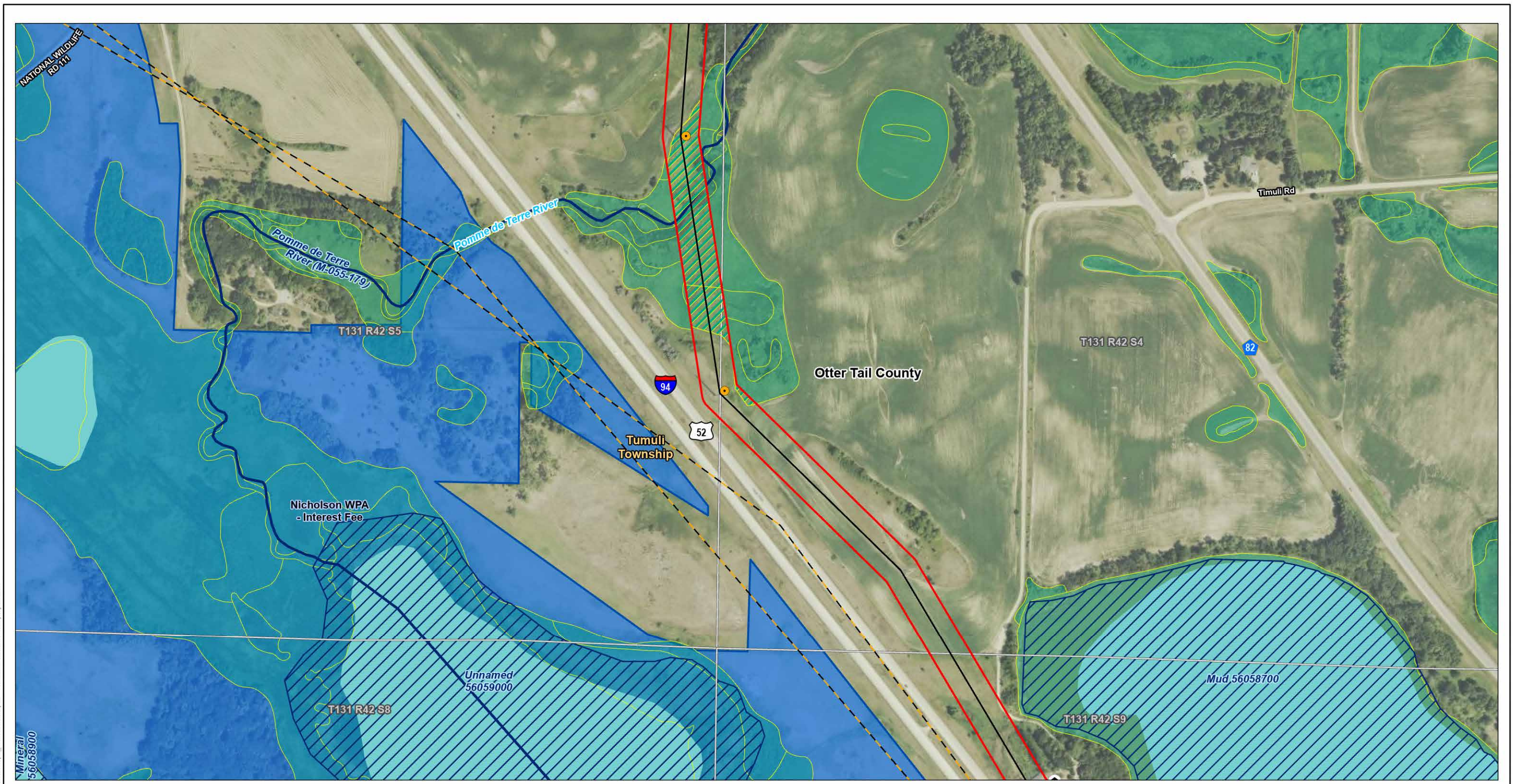
*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

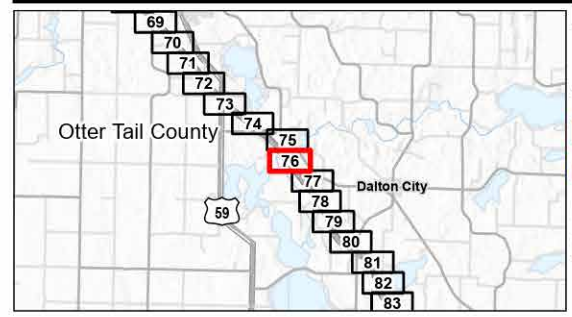
**Appendix B Map B75**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

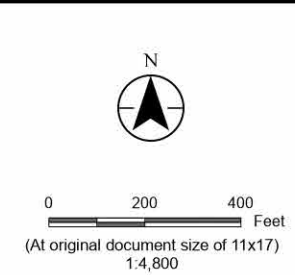
Page 75 of 123



U:\277\2277\081\22\03\_data\gis\_cad\gis\AcPrp\pa\_amerndment\pa\_amerndment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Residence 75-300 Feet from Centerline
  - Hazardous Liquid Pipelines
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - USFWS Interest
  - Waterfowl Production Area
  - Minnesota Public Waters Delineations
  - Public Water Watercourse
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream

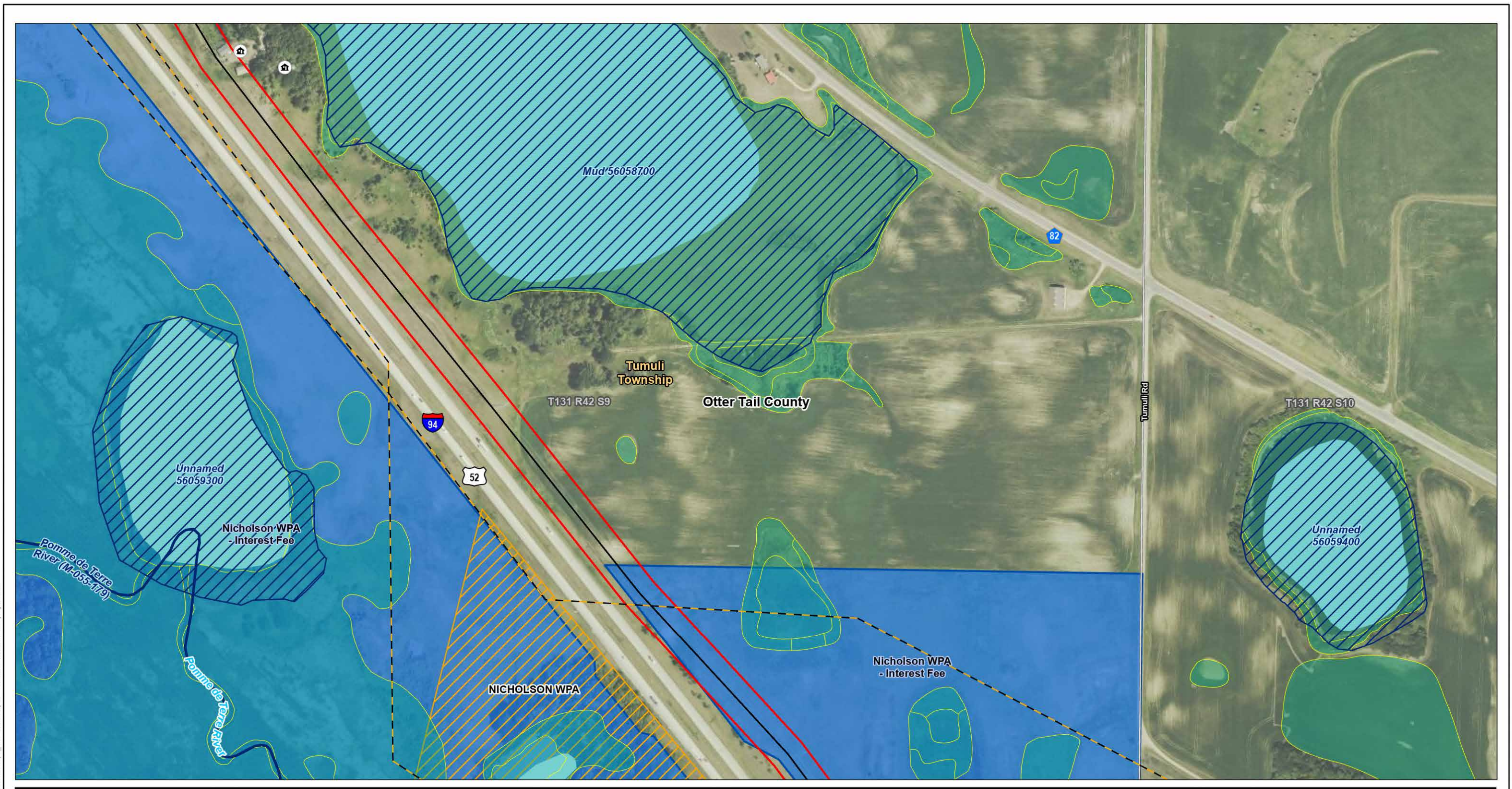


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

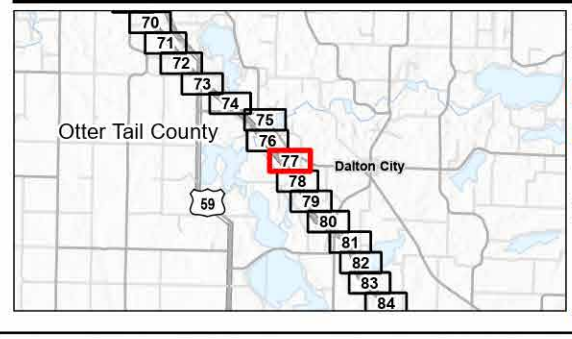
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B76**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\277\277\081\22\03\_data\gis\_cad\gis\AcProc\p\p\p\_amerndm\tpa\_amerndm\tpa\_amerndm.aprx Revised: 2026-04-15 By: kjmueller



<p><b>Legend</b></p> <ul style="list-style-type: none"> <li> Existing Transmission Line</li> <li> Project Area (Right-of-Way)</li> <li> County Subdivision</li> <li> County Boundary</li> <li> State Boundary</li> <li> Residence 75-300 Feet from Centerline</li> <li> Hazardous Liquid Pipelines</li> <li> Desktop Determined Wetlands (Level 1)</li> <li> National Wetlands Inventory</li> <li> Sites of Biodiversity Significance</li> <li> Moderate USFWS Interest</li> <li> Waterfowl Production Area</li> </ul>		<p><b>Minnesota Public Waters Delineations</b></p> <ul style="list-style-type: none"> <li> Public Water Watercourse</li> <li> Public Waters Basins</li> <li> National Hydrography Dataset</li> <li> Waterbody</li> <li> Stream</li> </ul>	
--	--	---	--

*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

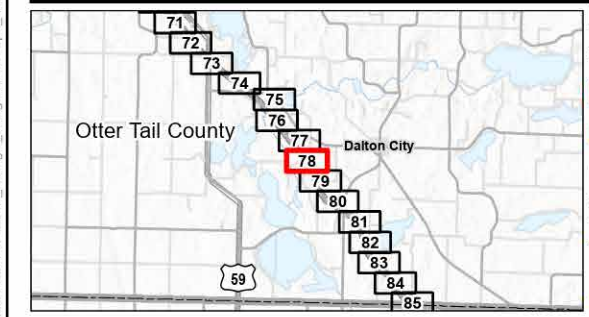
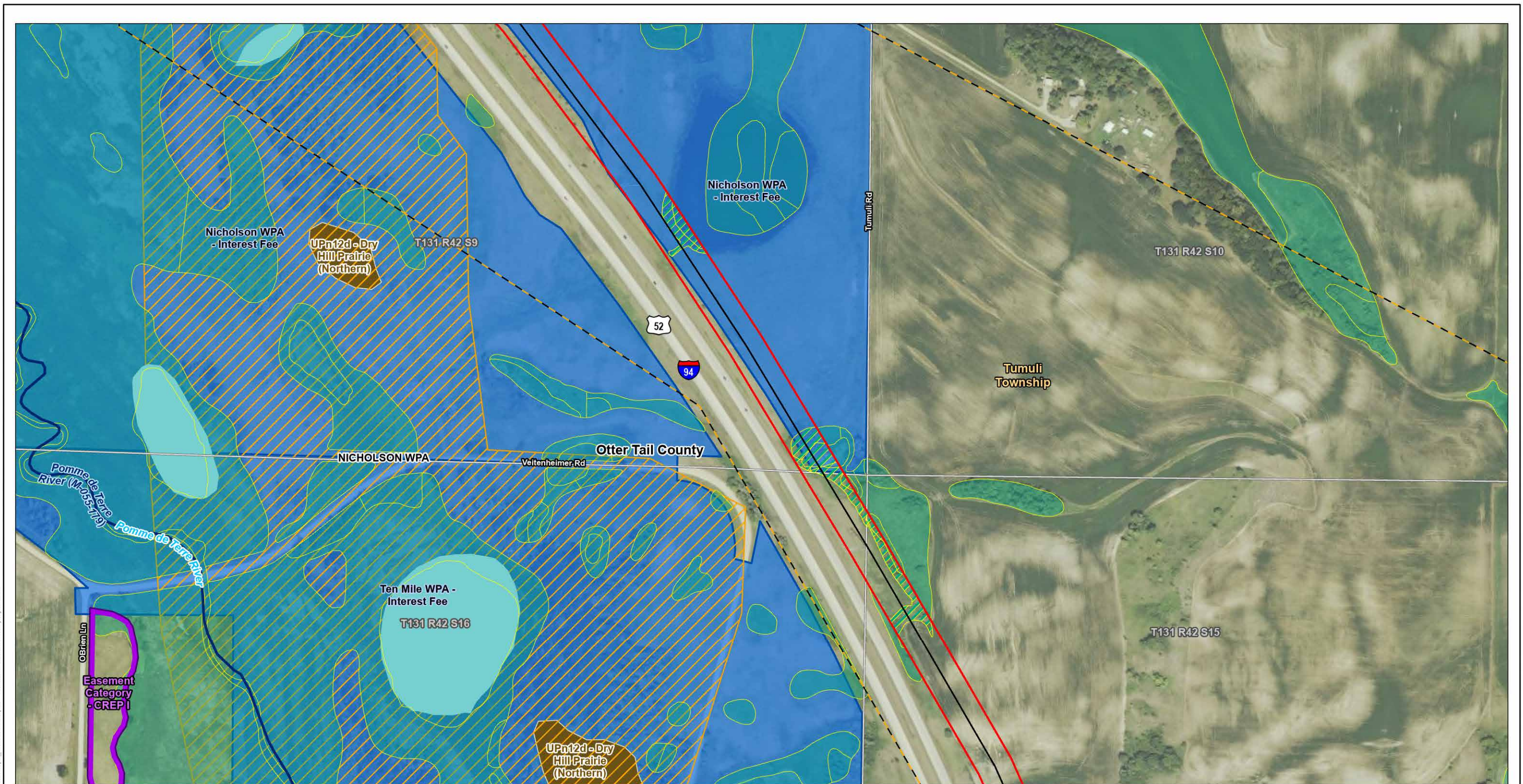
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B77**

**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

Page 77 of 123



**Legend**

Existing Transmission Line	National Wetlands Inventory	Minnesota Public Waters Delineations
Project Area (Right-of-Way)	DNR Native Plant Communities	Public Water Watercourse
County Subdivision	BWSR Conservation Easements (RIM Reserve)	National Hydrography Dataset
County Boundary	Sites of Biodiversity Significance	Waterbody
State Boundary	Moderate USFWS Interest	Stream
Hazardous Liquid Pipelines	Desktop Determined Wetlands (Level 1)	Waterfowl Production Area

**Project Location**  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

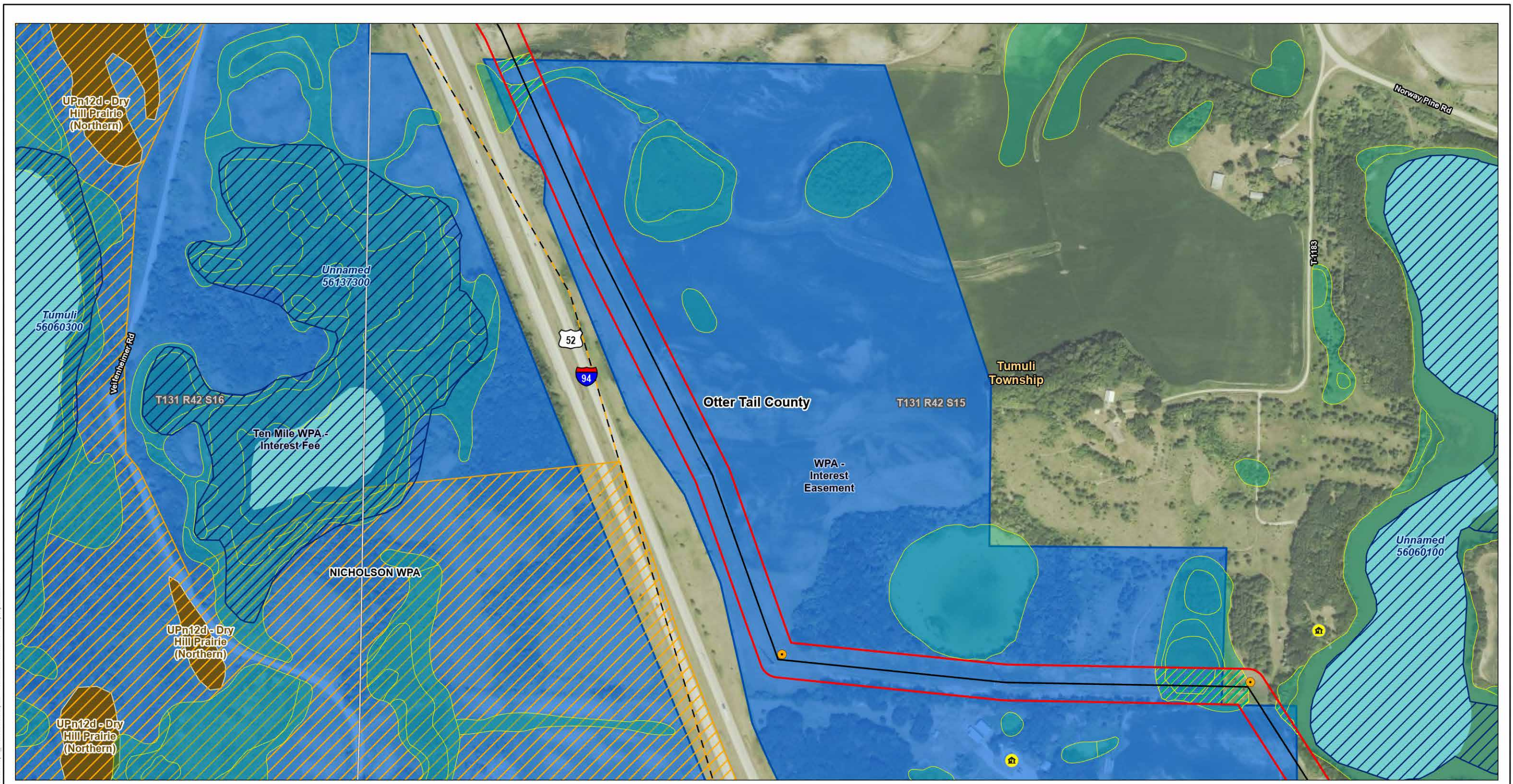
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B78**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

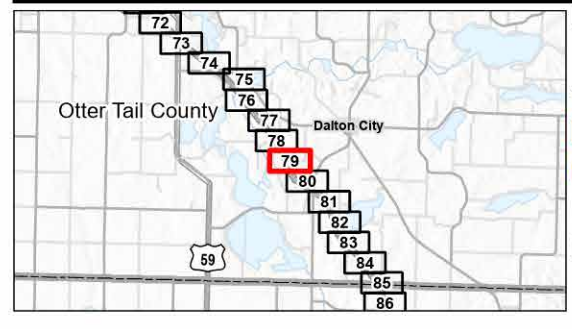
**Notes**  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

Scale: 0 200 400 Feet  
(At original document size of 11x17)  
1:4,800

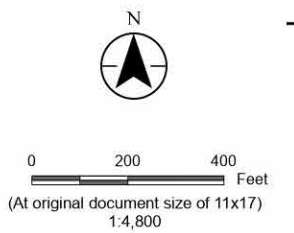
Page 78 of 123



U:\2277\2277\081122\03\_data\gis\_cad\gis\AcProc\ppa\_amendment\ppa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Residence 300-500 Feet from Centerline
  - Hazardous Liquid Pipelines
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - DNR Native Plant Communities
  - Sites of Biodiversity Significance
  - Moderate
  - USFWS Interest
  - Waterfowl Production Area
  - Minnesota Public Waters Delineations
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody

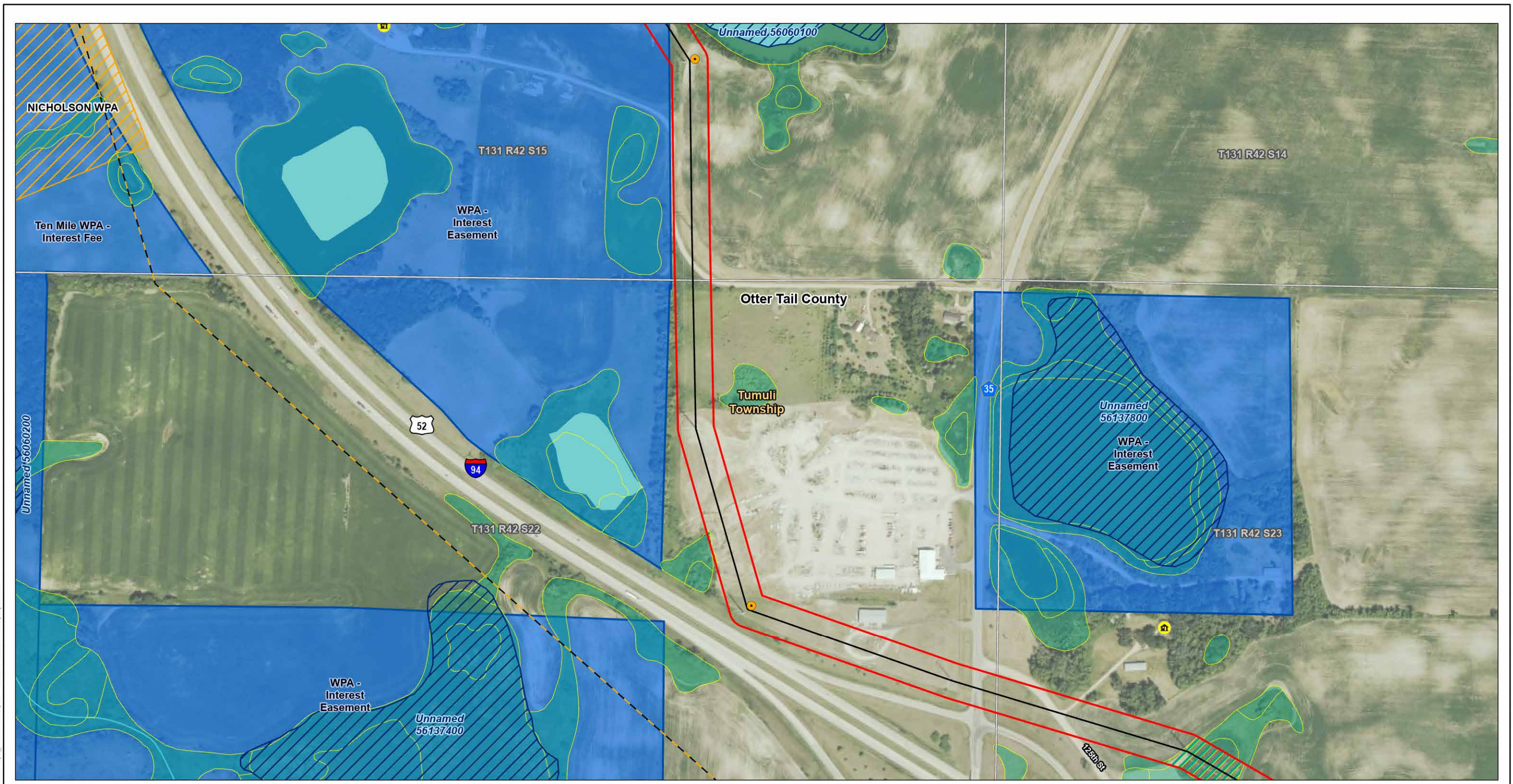


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

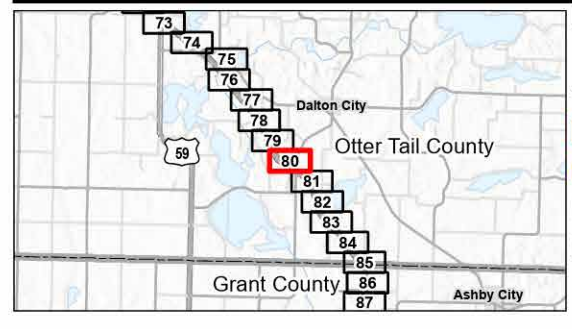
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B79**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

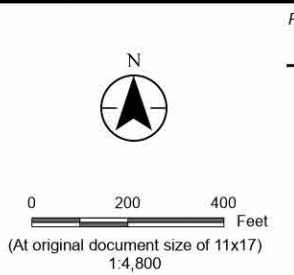
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\277\277\081\22\03\_data\gis\_cad\gis\AcPr\ppa\_amendment\ppa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Residence 300-500 Feet from Centerline
  - Hazardous Liquid Pipelines
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - Sites of Biodiversity Significance
  - Moderate USFWS Interest
  - Waterfowl Production Area
  - Minnesota Public Waters Delineations
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream

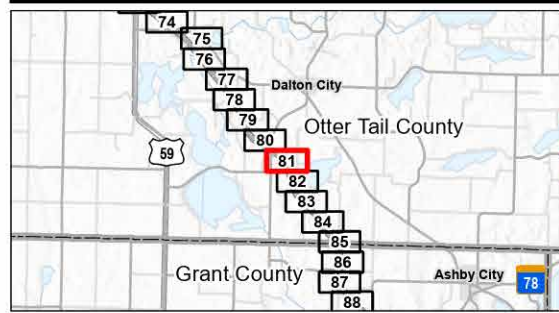
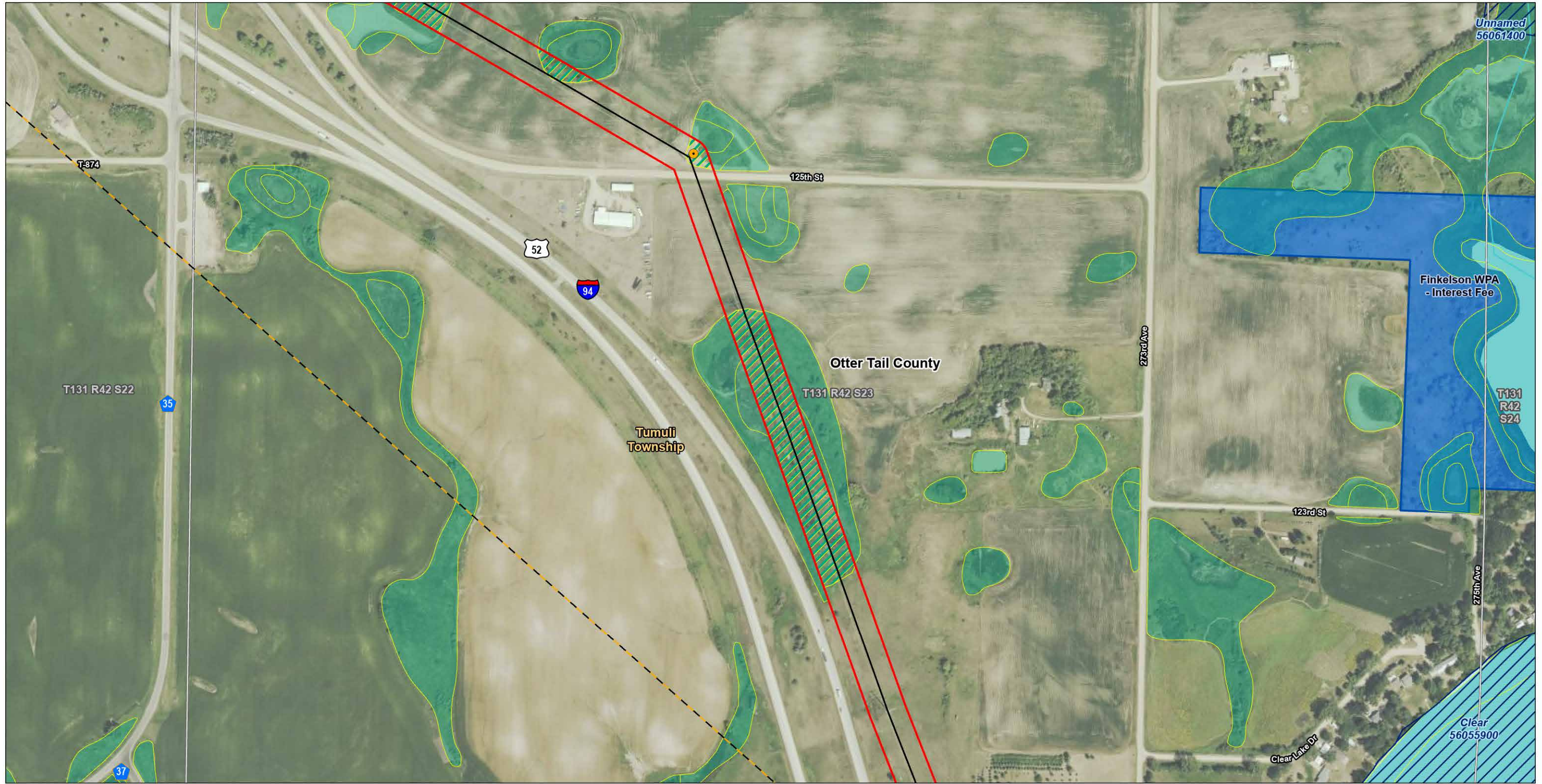


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B80**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

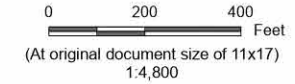
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- Hazardous Liquid Pipelines
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- USFWS Interest
- Waterfowl Production Area

- Minnesota Public Waters Delineations**
- Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream

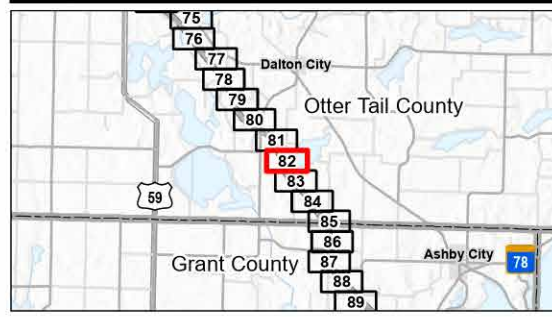
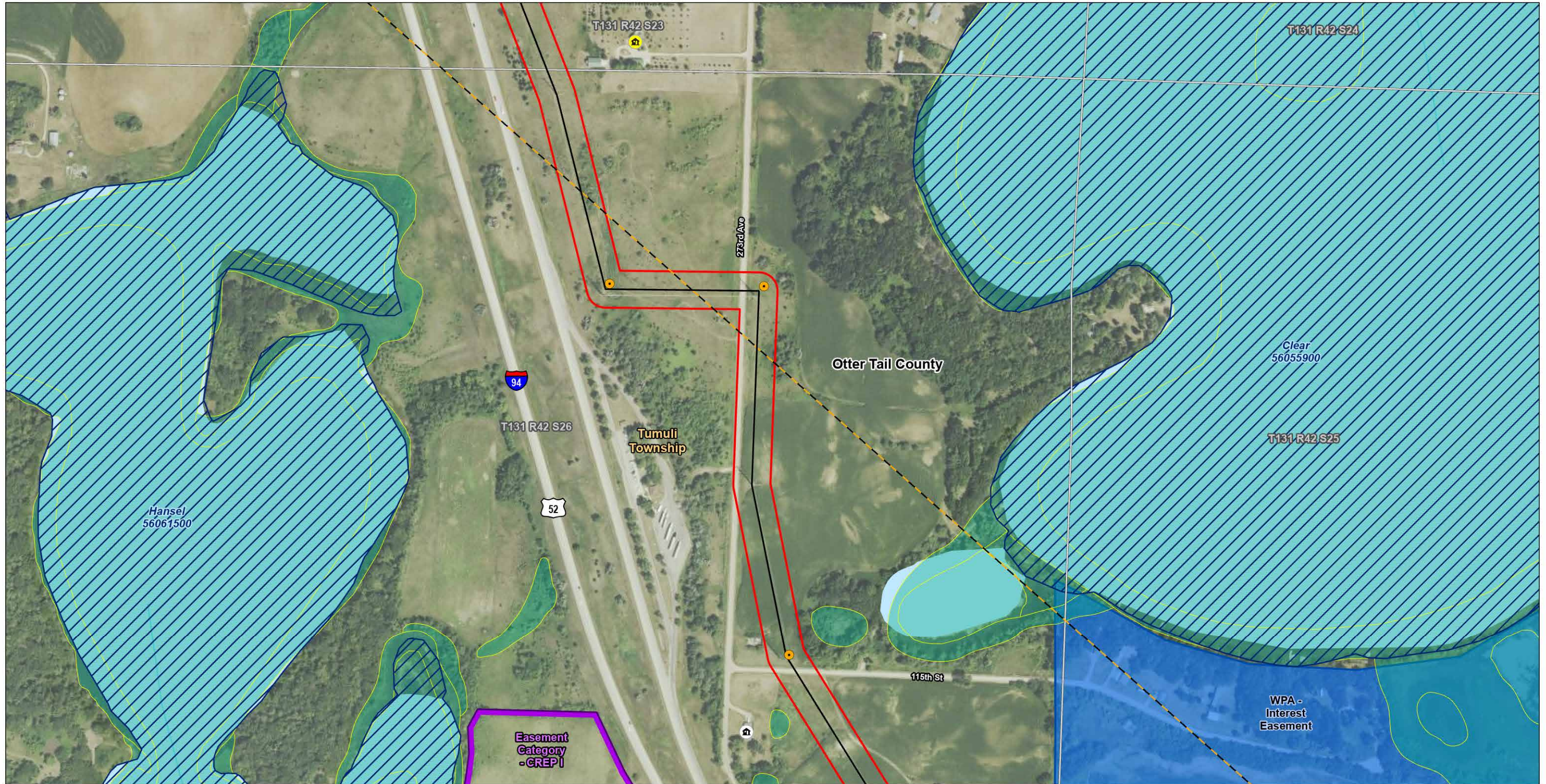


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B81**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



**Legend**

<ul style="list-style-type: none"> <li> New Foundation &amp; Structure</li> <li> Existing Transmission Line</li> <li> Project Area (Right-of-Way)</li> <li> County Subdivision</li> <li> County Boundary</li> <li> State Boundary</li> <li> Residence 75-300 Feet from Centerline</li> </ul>	<ul style="list-style-type: none"> <li> Residence 300-500 Feet from Centerline</li> <li> Hazardous Liquid Pipelines</li> <li> Desktop Determined Wetlands (Level 1)</li> <li> National Wetlands Inventory</li> <li> BWSR Conservation Easements (RIM Reserve)</li> </ul>	<ul style="list-style-type: none"> <li> USFWS Interest</li> <li> Waterfowl Production Area</li> <li> Minnesota Public Waters Delineations</li> <li> Public Waters Basins</li> <li> National Hydrography Dataset</li> <li> Waterbody</li> <li> Stream</li> </ul>
--	--	---

**Project Location**  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

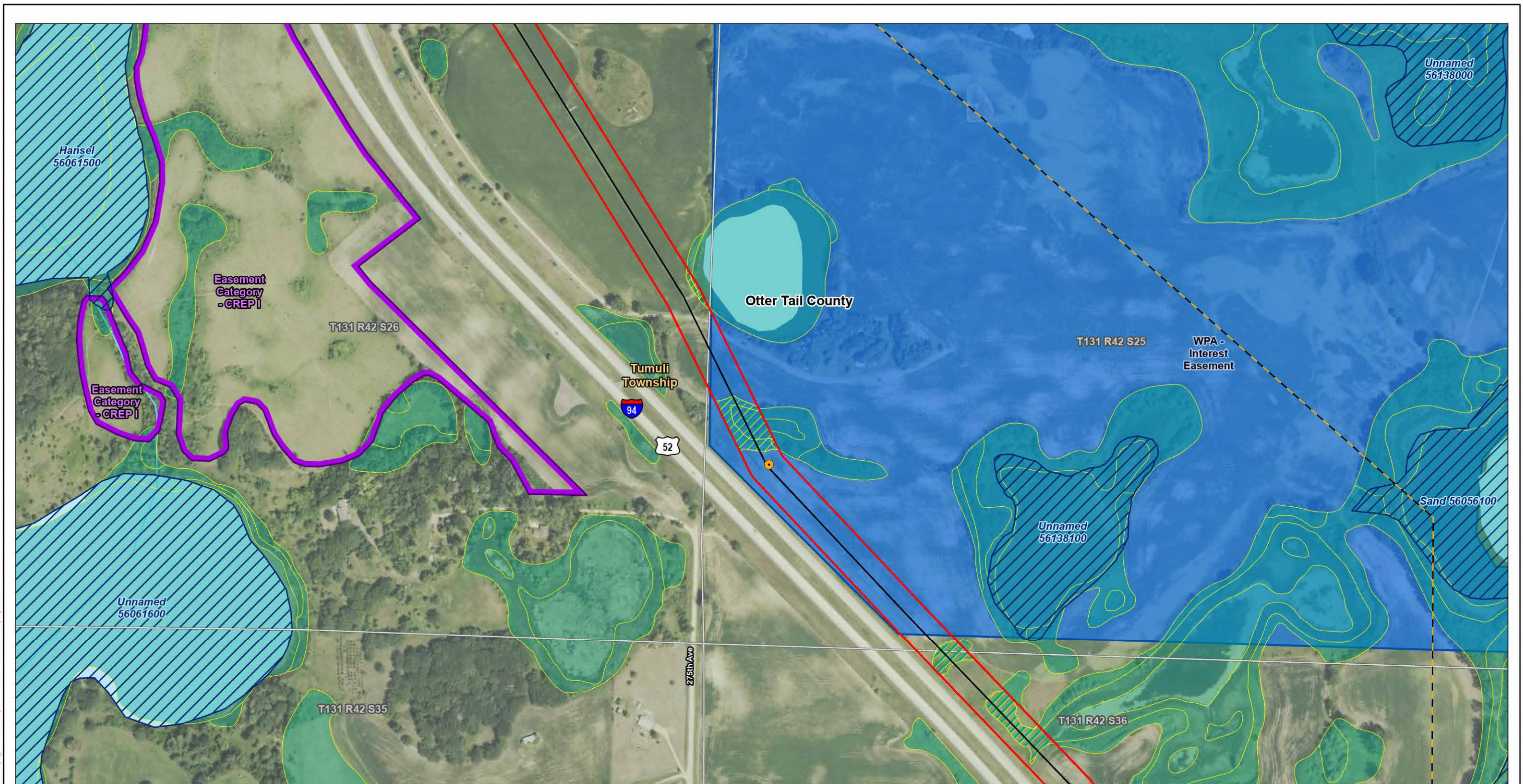
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B82**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

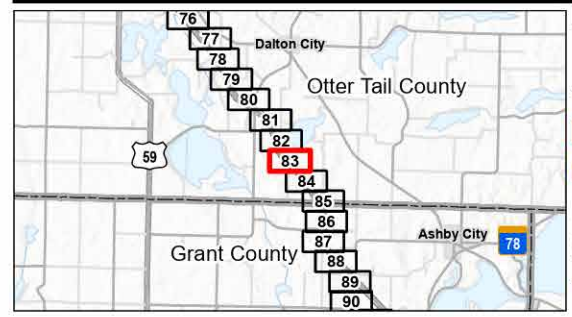
**Notes**  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

Scale: 0 200 400 Feet  
(At original document size of 11x17)  
1:4,800

Page 82 of 123



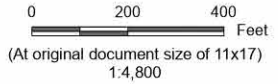
U:\277\2277\081\2203\_data\gis\_cad\gis\AcPr\p\p\_a\amendment\p\_a\amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Hazardous Liquid Pipelines

- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- BWSR Conservation Easements (RIM Reserve)
- USFWS Interest
- Waterfowl Production Area

- Minnesota Public Waters Delineations**
- Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream

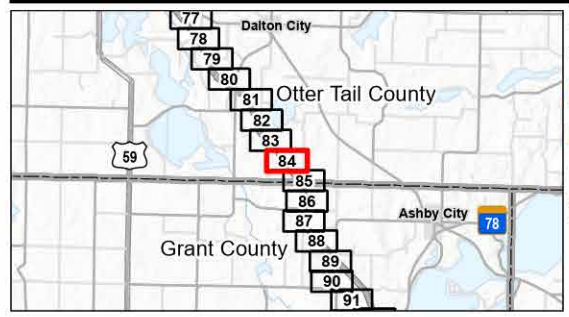
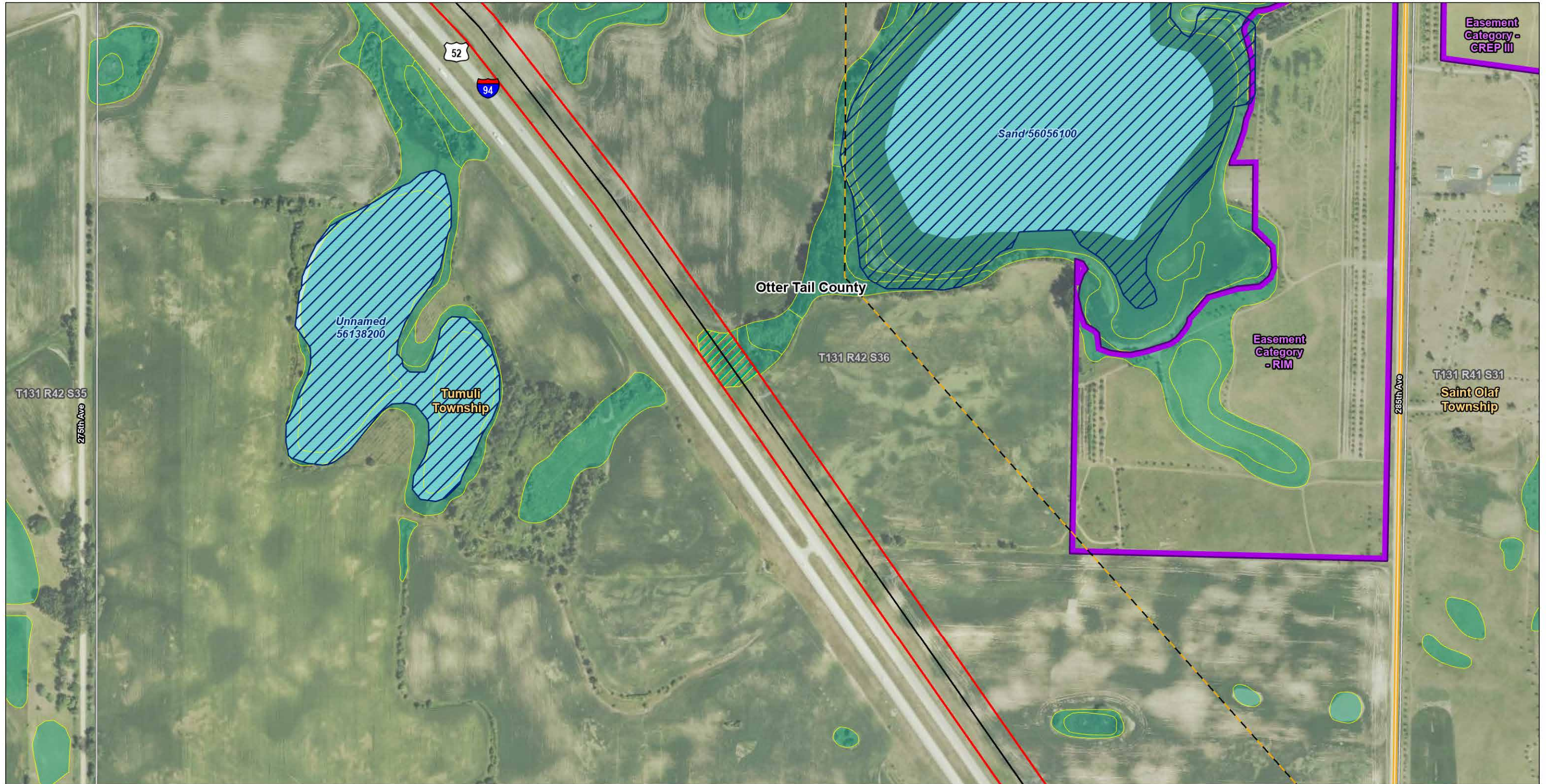


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B83**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

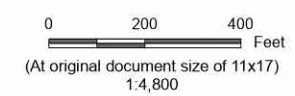
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- Hazardous Liquid Pipelines
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory

- BWSR Conservation Easements (RIM Reserve)
- Public Waters Basins
- National Hydrography Dataset
- Waterbody

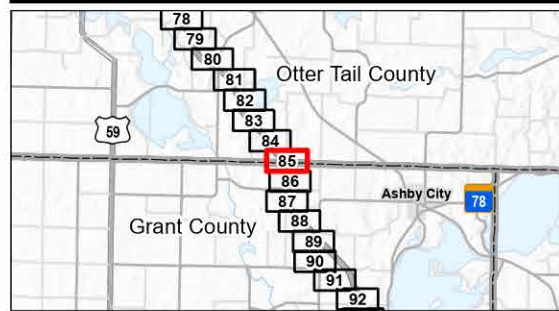
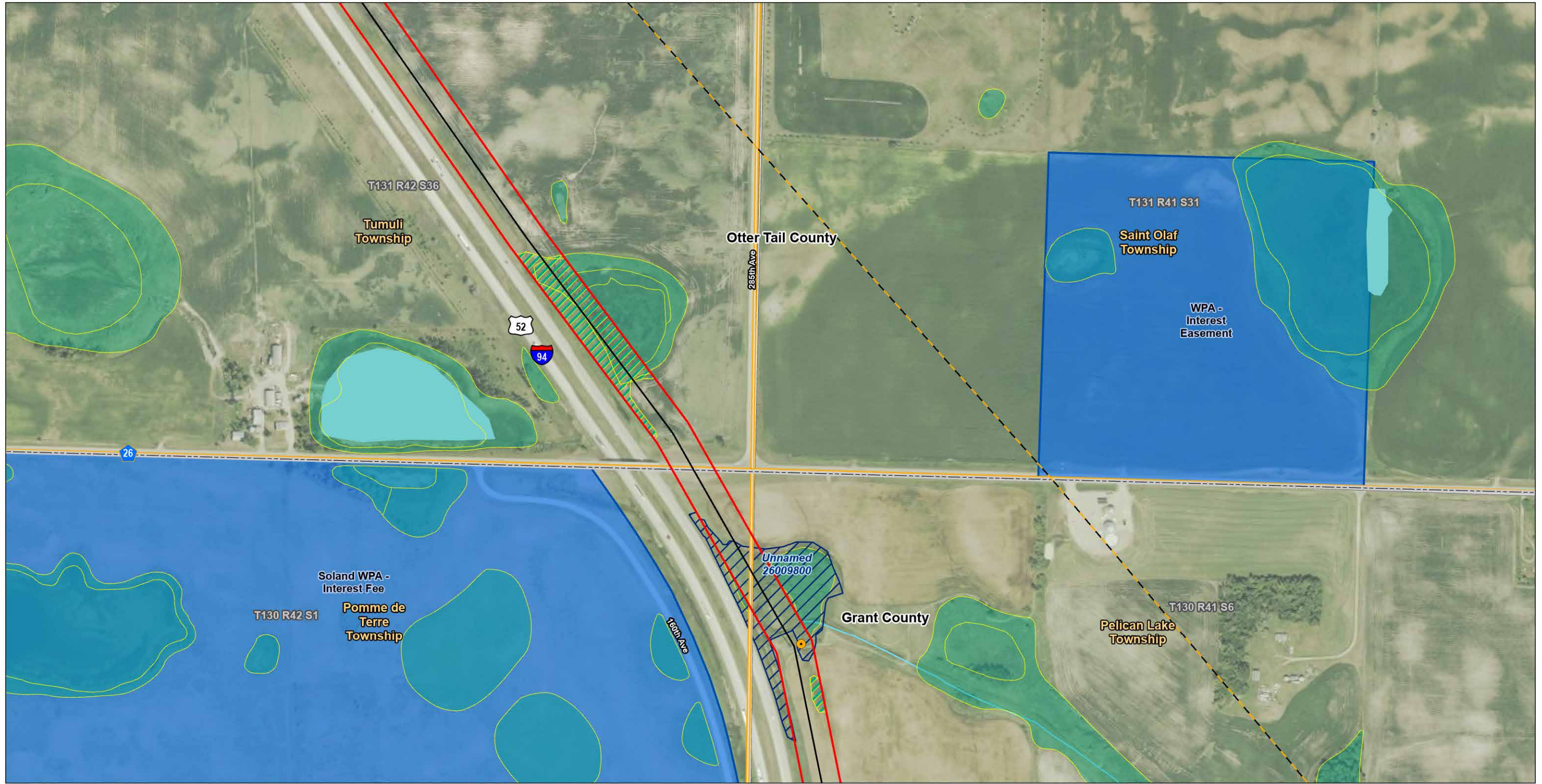


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B84**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

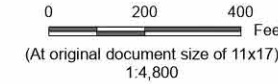
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- Hazardous Liquid Pipelines
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- USFWS Interest
- Waterfowl Production Area

- Minnesota Public Waters Delineations**
- Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream

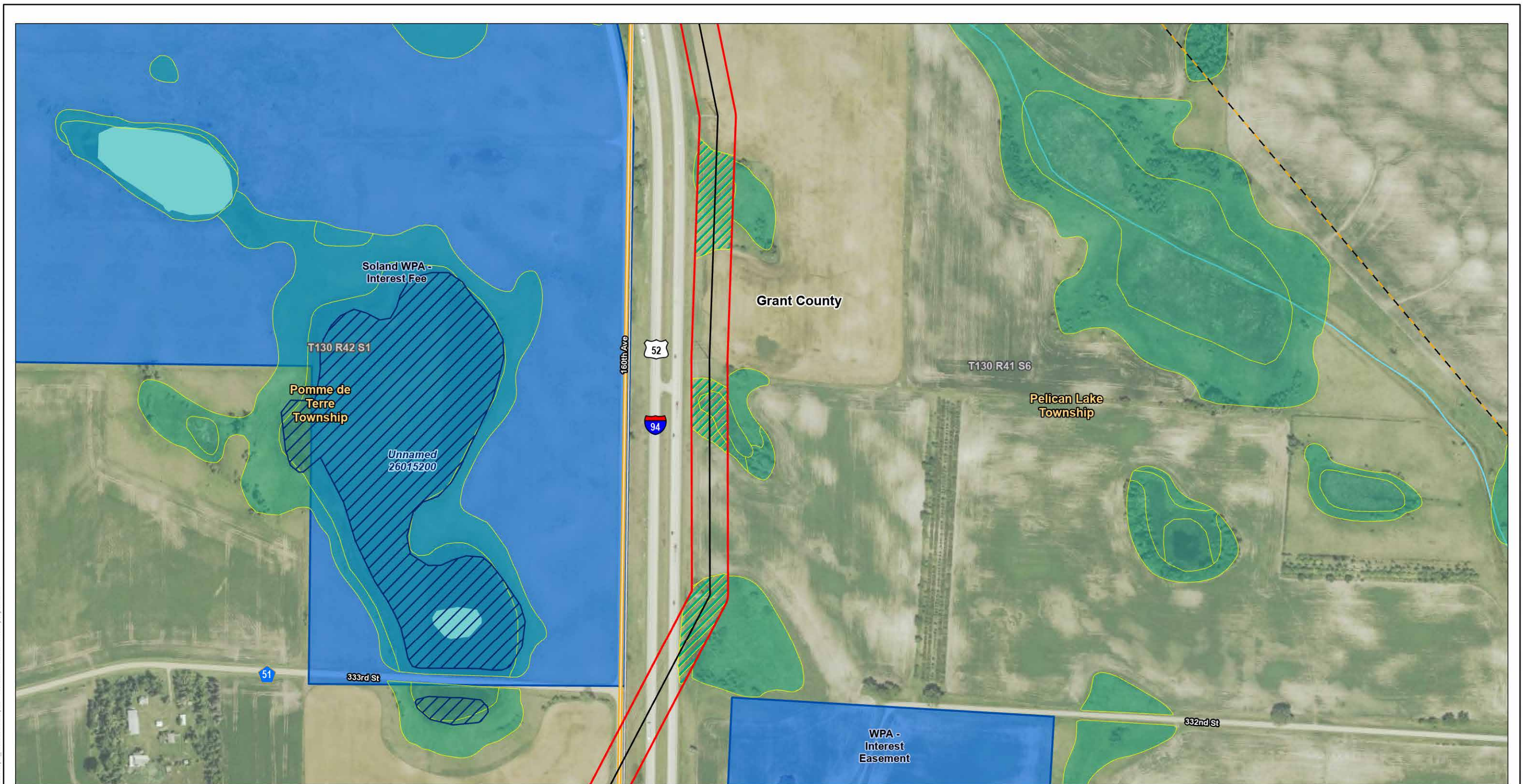


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

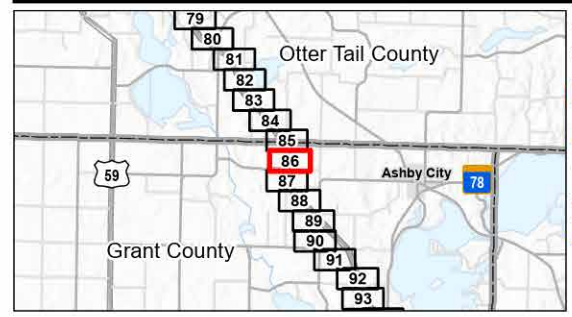
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B85**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



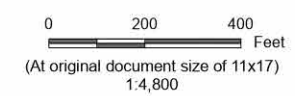
U:\2277\2277\081\2203\_data\gis\caet\gis\ac\proj\pa\_amer\amendment\tpa\_amer\amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Hazardous Liquid Pipelines

- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- USFWS Interest
- Waterfowl Production Area

- Minnesota Public Waters Delineations**
- Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream

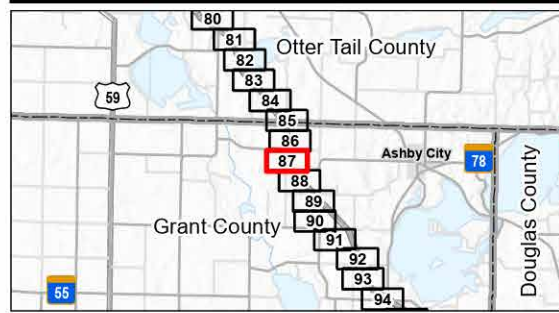
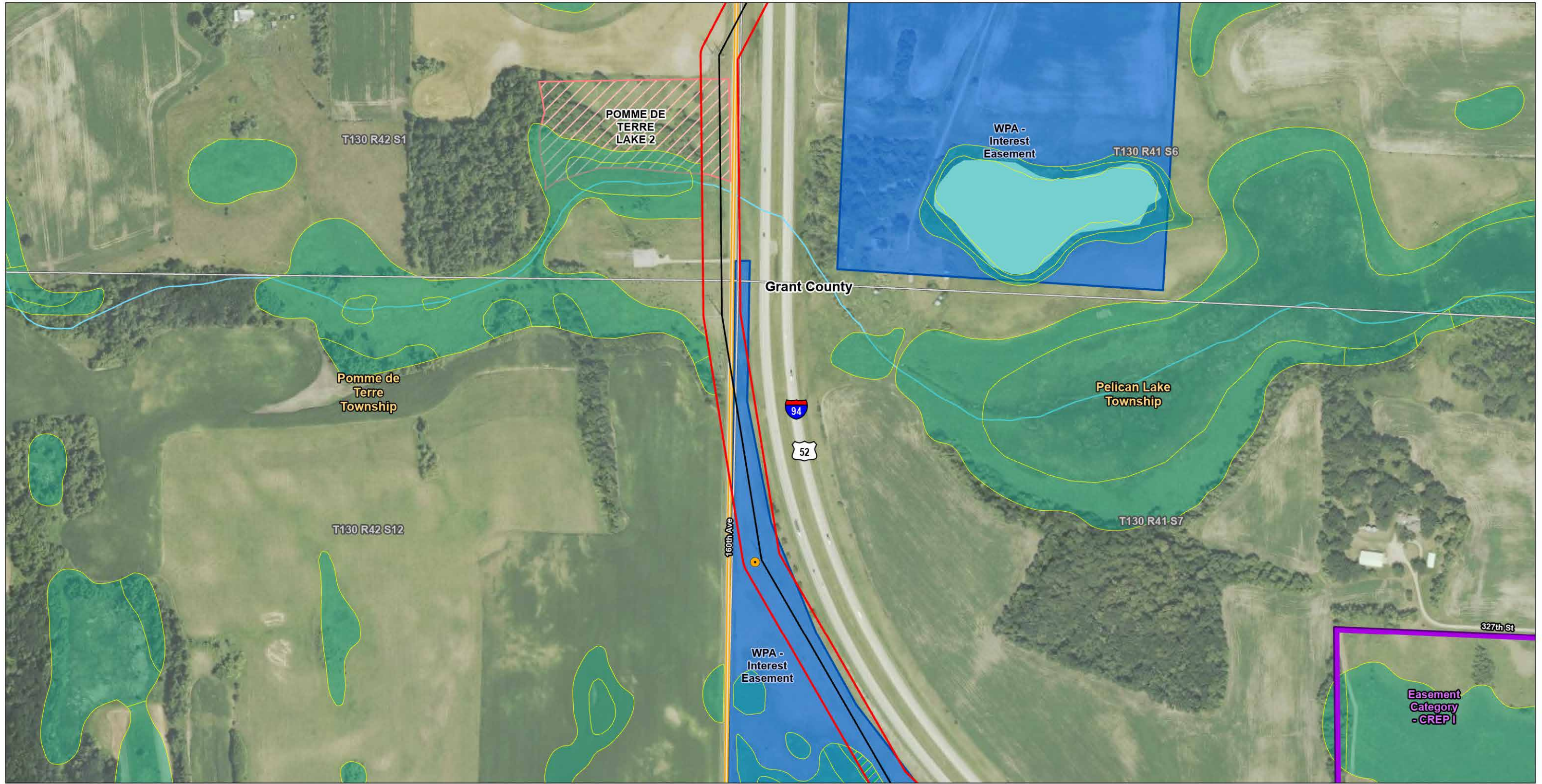


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

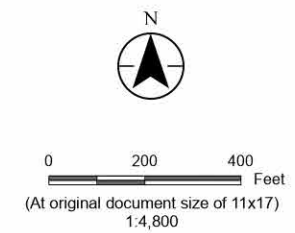
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B86**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - ▨ Desktop Determined Wetlands (Level 1)
  - ▨ National Wetlands Inventory
  - BWSR Conservation Easements (RIM Reserve)
  - ▨ Sites of Biodiversity Significance Below
  - ▨ USFWS Interest
  - ▨ Waterfowl Production Area
  - ▨ National Hydrography Dataset
  - ▨ Waterbody
  - ▨ Stream

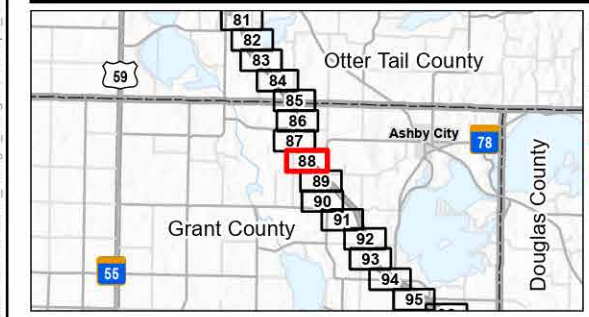
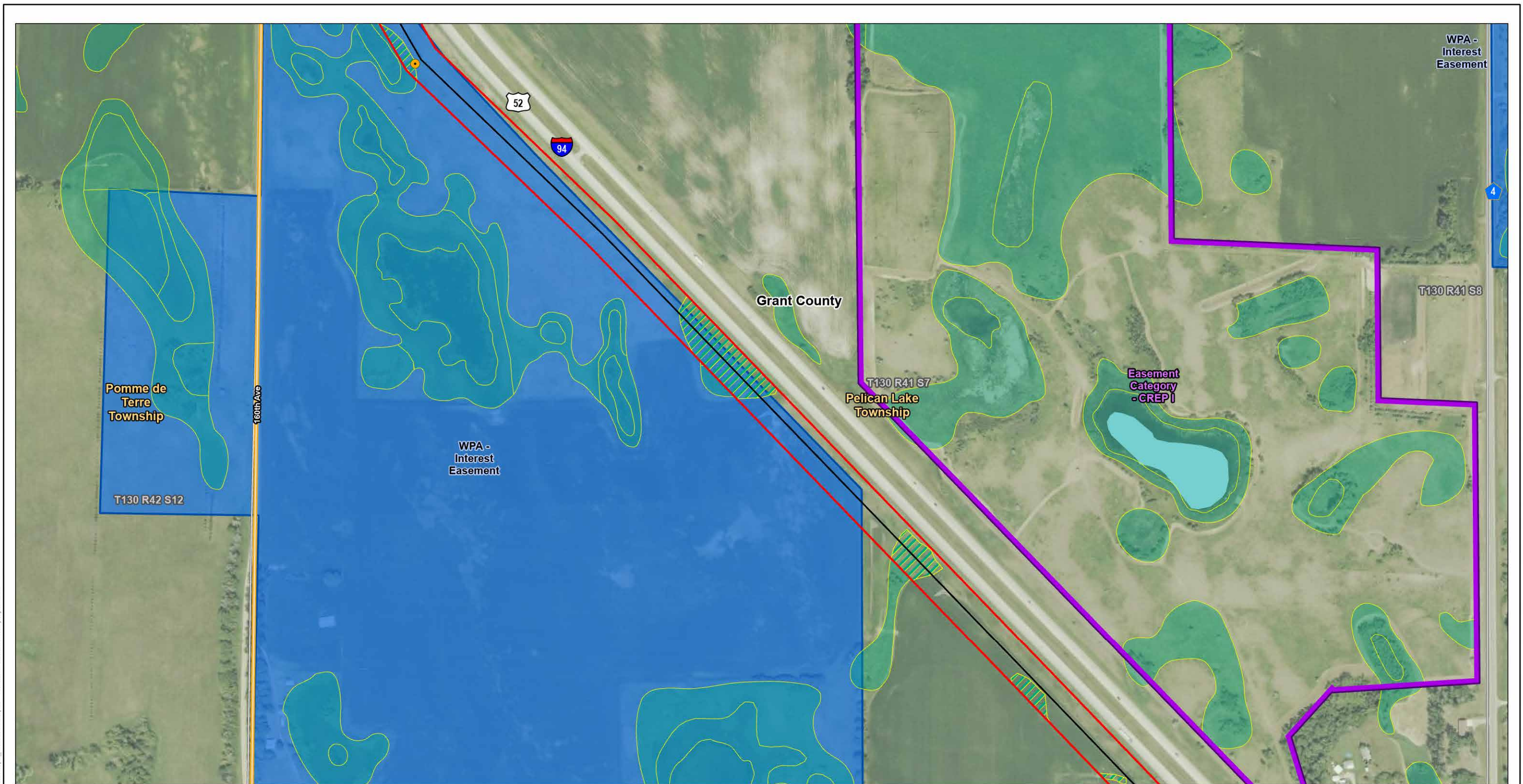


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B87**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



**Legend**

- New Foundation & Structure
- Existing Transmission Line
- Project Area (Right-of-Way)
- County Subdivision
- County Boundary
- State Boundary
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- BWSR Conservation Easements (RIM Reserve)
- USFWS Interest
- Waterfowl Production Area
- National Hydrography Dataset
- Waterbody

**Project Location**  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B88**

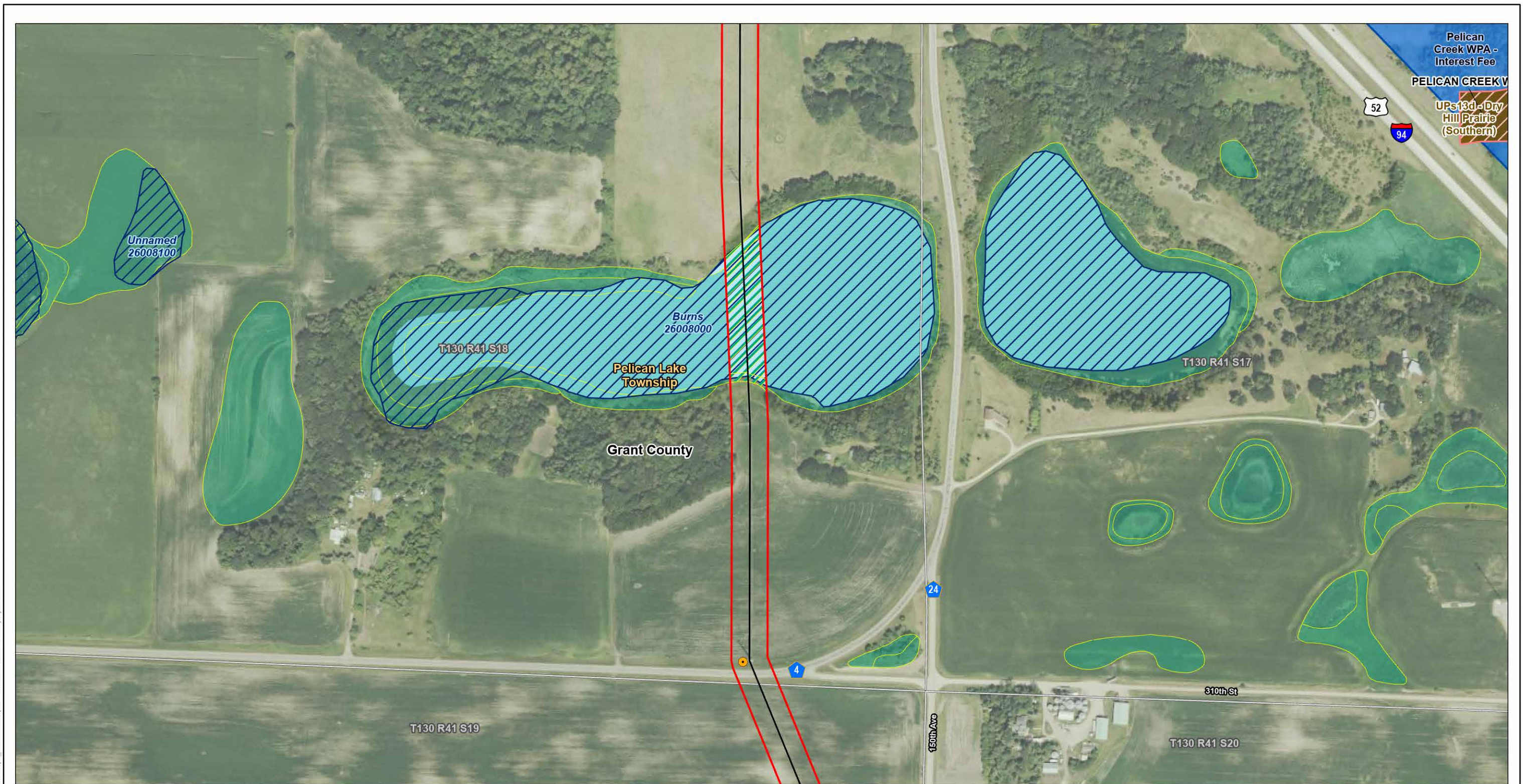
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

**Notes**  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

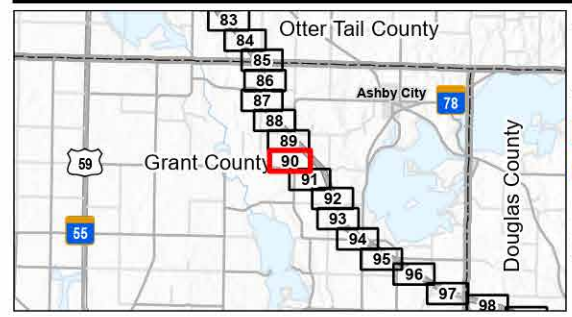
0 200 400 Feet  
1:4,800  
(At original document size of 11x17)

Page 88 of 123

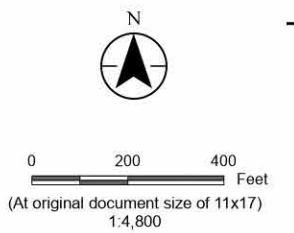




U:\277\2277\081\2203\_data\gis\_cad\gis\AcPrj\tpa\_amendment\tpa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - DNR Native Plant Communities
  - Sites of Biodiversity Significance
  - Below
  - USFWS Interest
  - Waterfowl Production Area
  - Minnesota Public Waters Delineations
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody

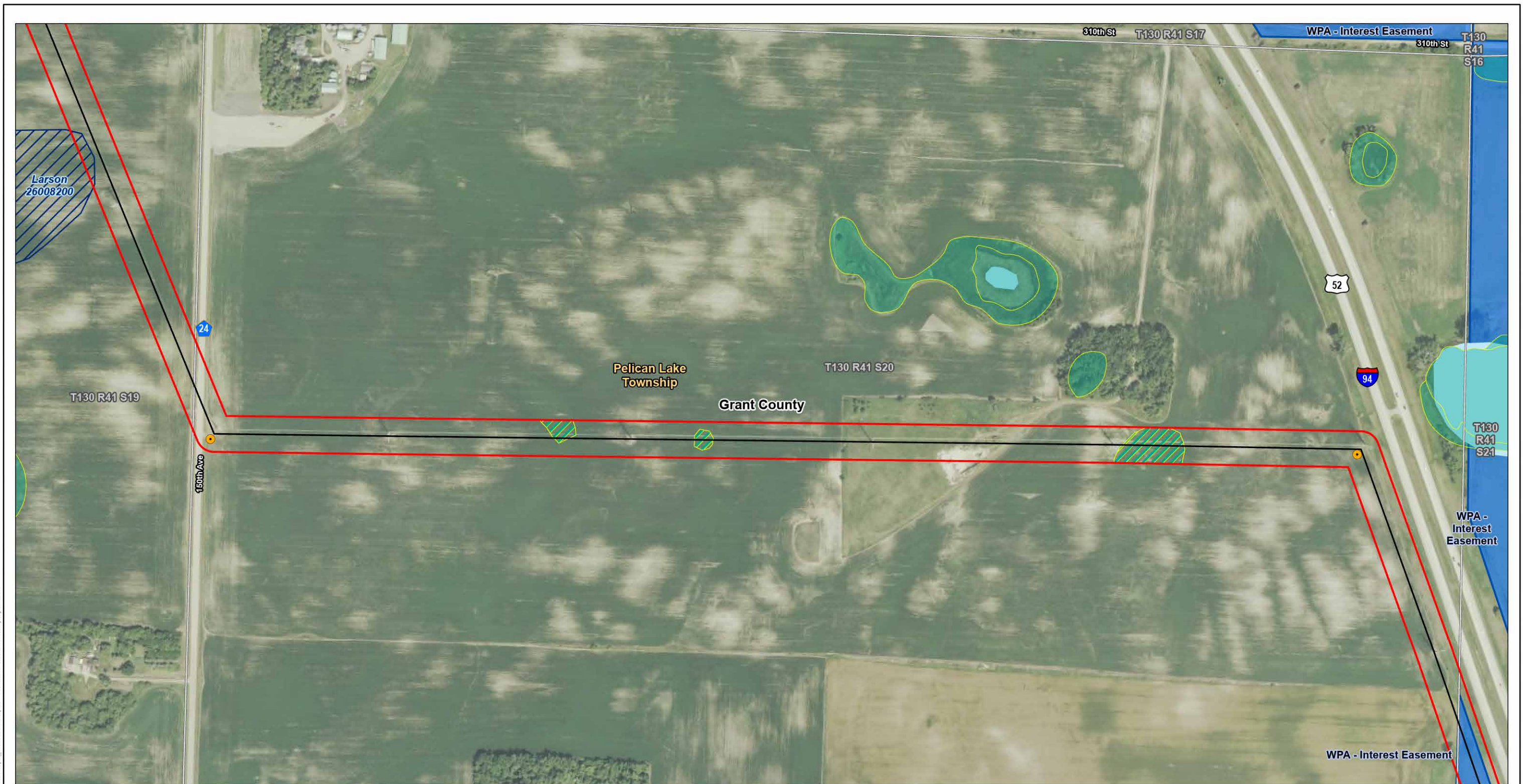


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

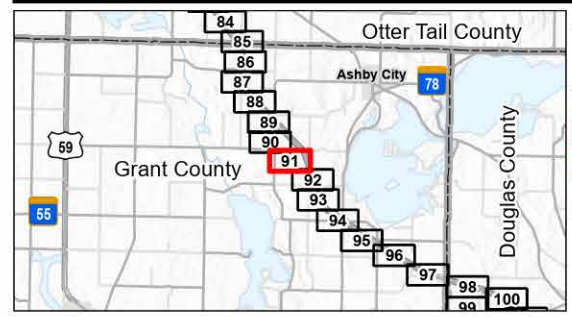
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B90**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



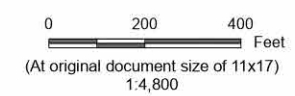
U:\277\2277\081\2203\_data\gis\_cad\gis\AcPrj\pa\_amerdmnt\tpa\_amerdmnt.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary

- State Boundary
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- USFWS Interest
- Waterfowl Production Area

- Minnesota Public Waters Delineations**
- Public Waters Basins
  - National Hydrography Dataset
  - Waterbody

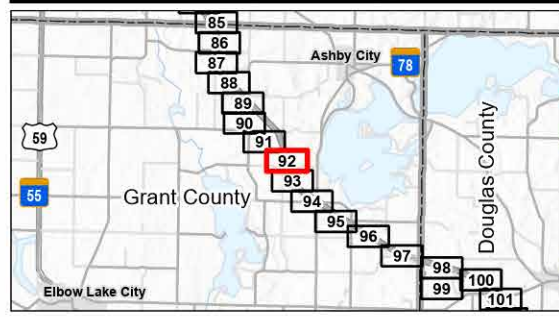
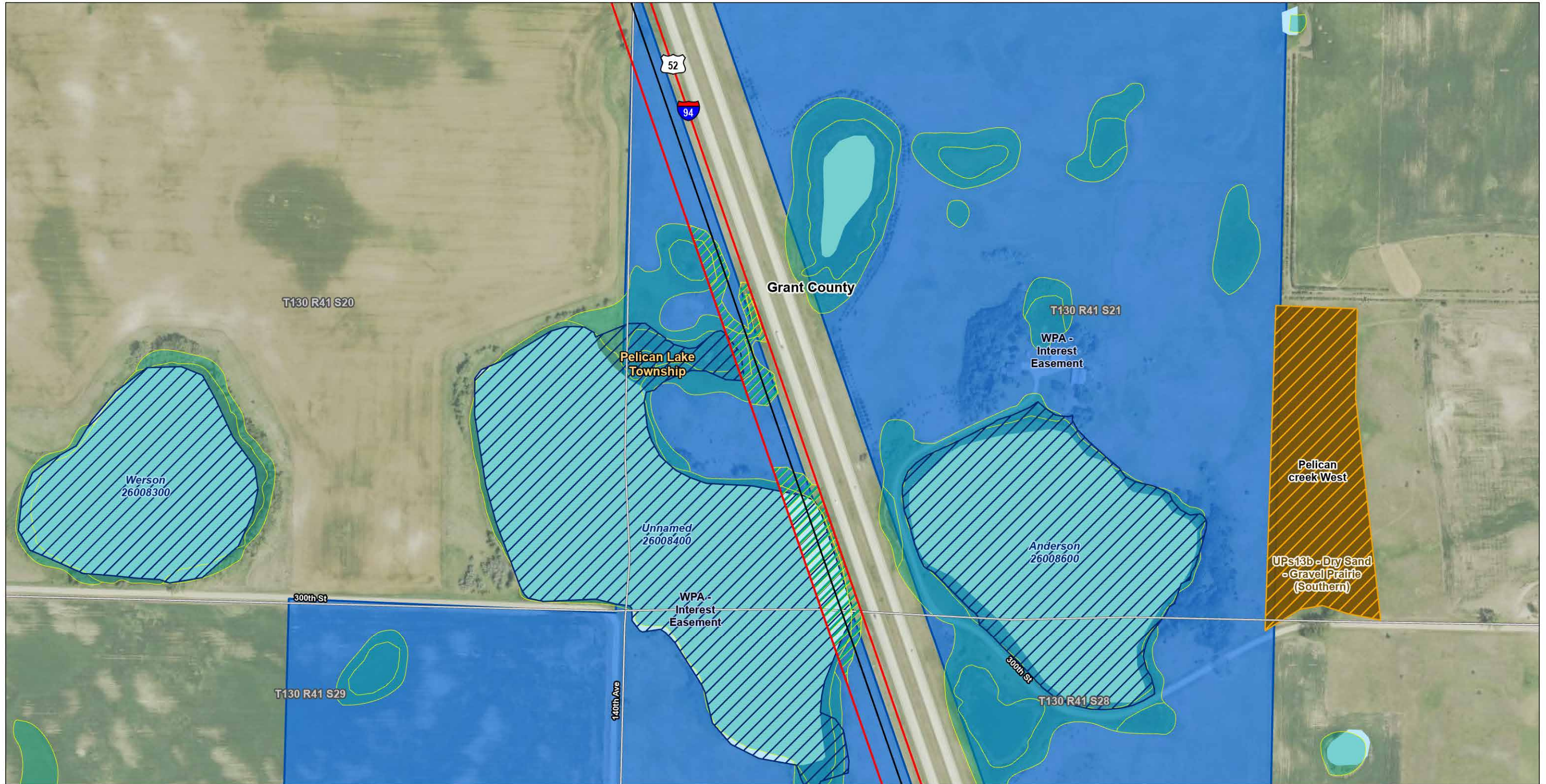


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B91**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

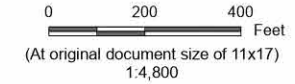
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)

- National Wetlands Inventory
- DNR Native Plant Communities
- Sites of Biodiversity Significance
- Moderate USFWS Interest
- Waterfowl Production Area

- Minnesota Public Waters Delineations**
- Public Waters Basins
  - National Hydrography Dataset
  - Waterbody

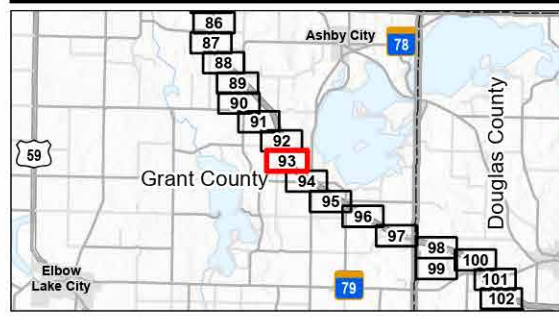
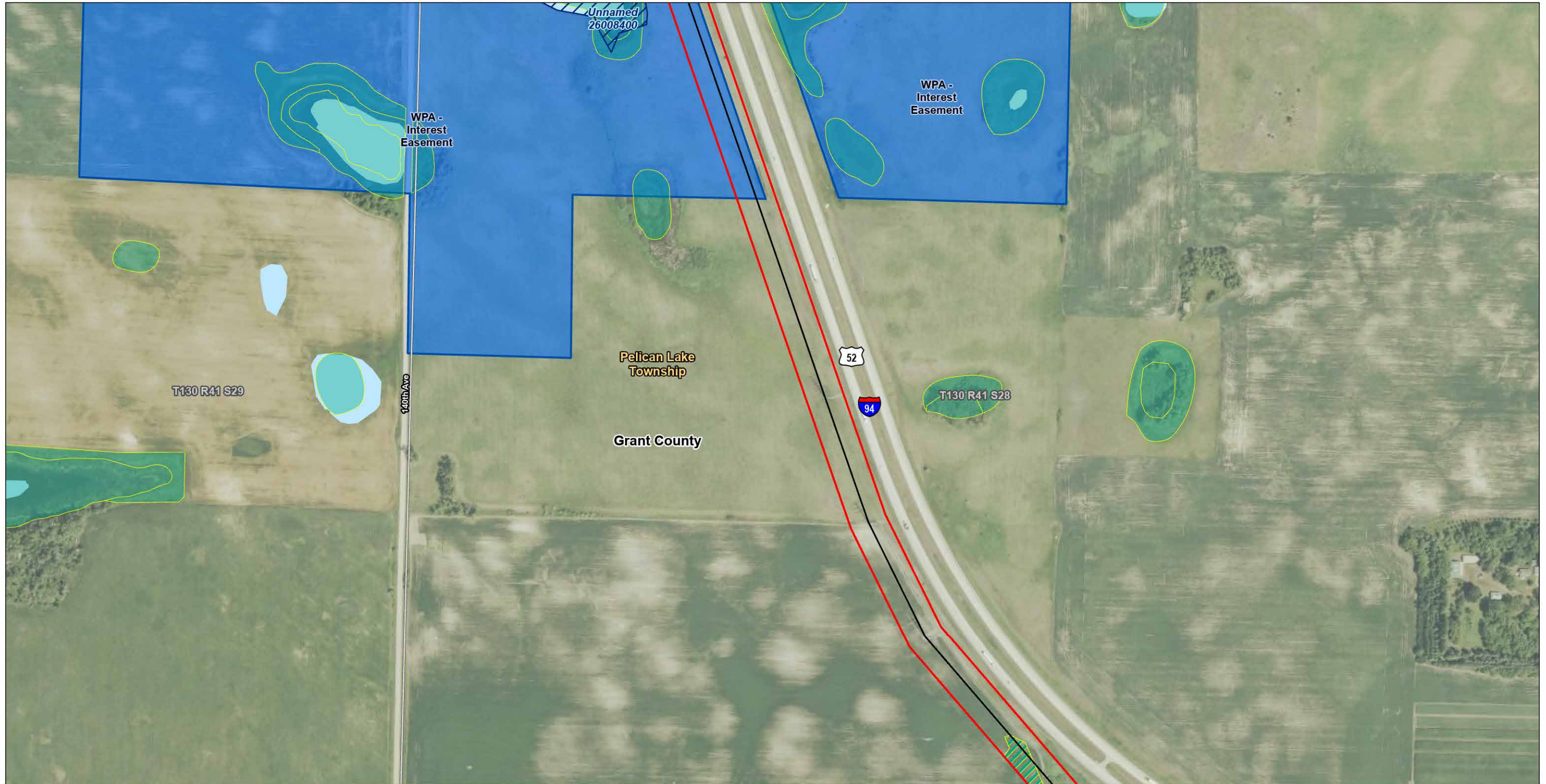


**Project Location**  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B92**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

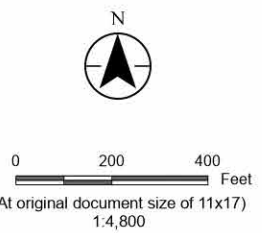
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory USFWS Interest
- Waterfowl Production Area

- Minnesota Public Waters Delineations
- Public Waters Basins
- National Hydrography Dataset
- Waterbody



*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

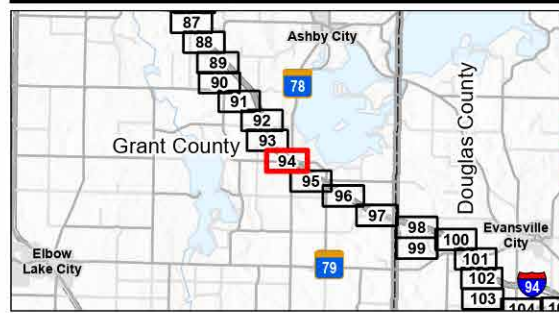
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B93**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

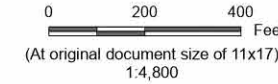


U:\277\2277\081\2203\_data\gis\_cad\gis\AcPrj\pa\_amerdmnt\tpa\_amerdmnt.aprx Revised: 2026-04-15 By: kjmueller



**Legend**

- New Foundation & Structure
- Existing Transmission Line
- Project Area (Right-of-Way)
- County Subdivision
- County Boundary
- State Boundary
- Hazardous Liquid Pipelines
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- BWSR Conservation Easements (RIM Reserve)
- National Hydrography Dataset
- ~ Stream

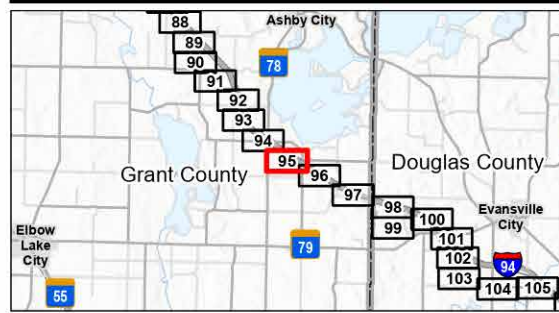


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B94**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

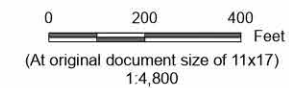
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- Hazardous Liquid Pipelines
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory

- Minnesota Public Waters Delineations**
- Public Water Watercourse
  - National Hydrography Dataset
  - Waterbody
  - Stream

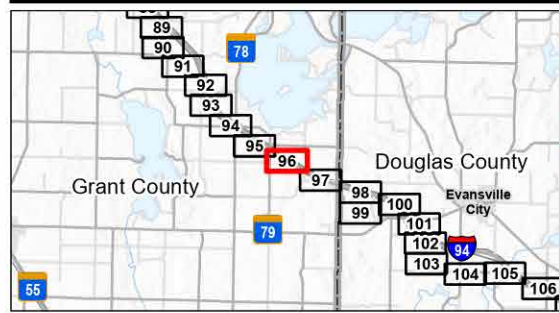
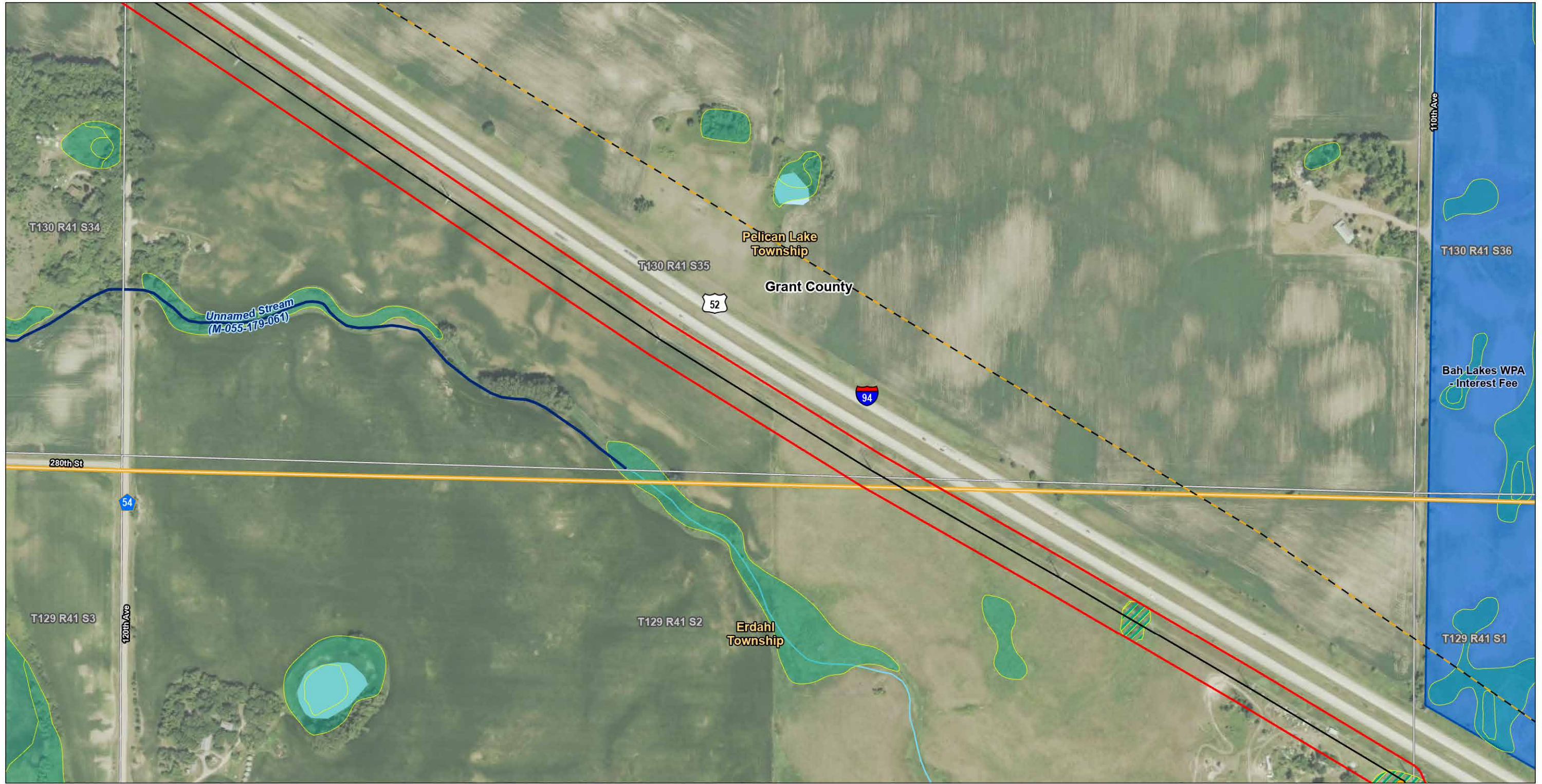


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

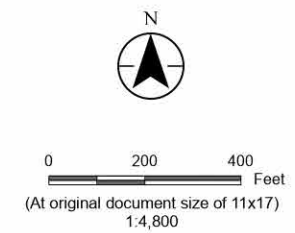
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B95**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- New Foundation & Structure
  - Hazardous Liquid Pipelines
  - Minnesota Public Waters Delineations
  - Existing Transmission Line
  - Desktop Determined Wetlands (Level 1)
  - Public Water Watercourse
  - Project Area (Right-of-Way)
  - National Wetlands Inventory
  - National Hydrography Dataset
  - County Subdivision
  - Waterbody
  - County Boundary
  - Stream
  - State Boundary
  - USFWS Interest
  - Waterfowl Production Area

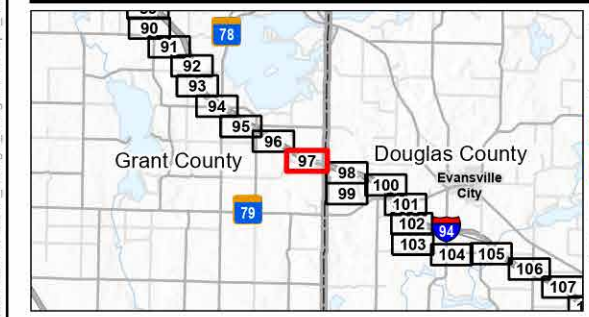
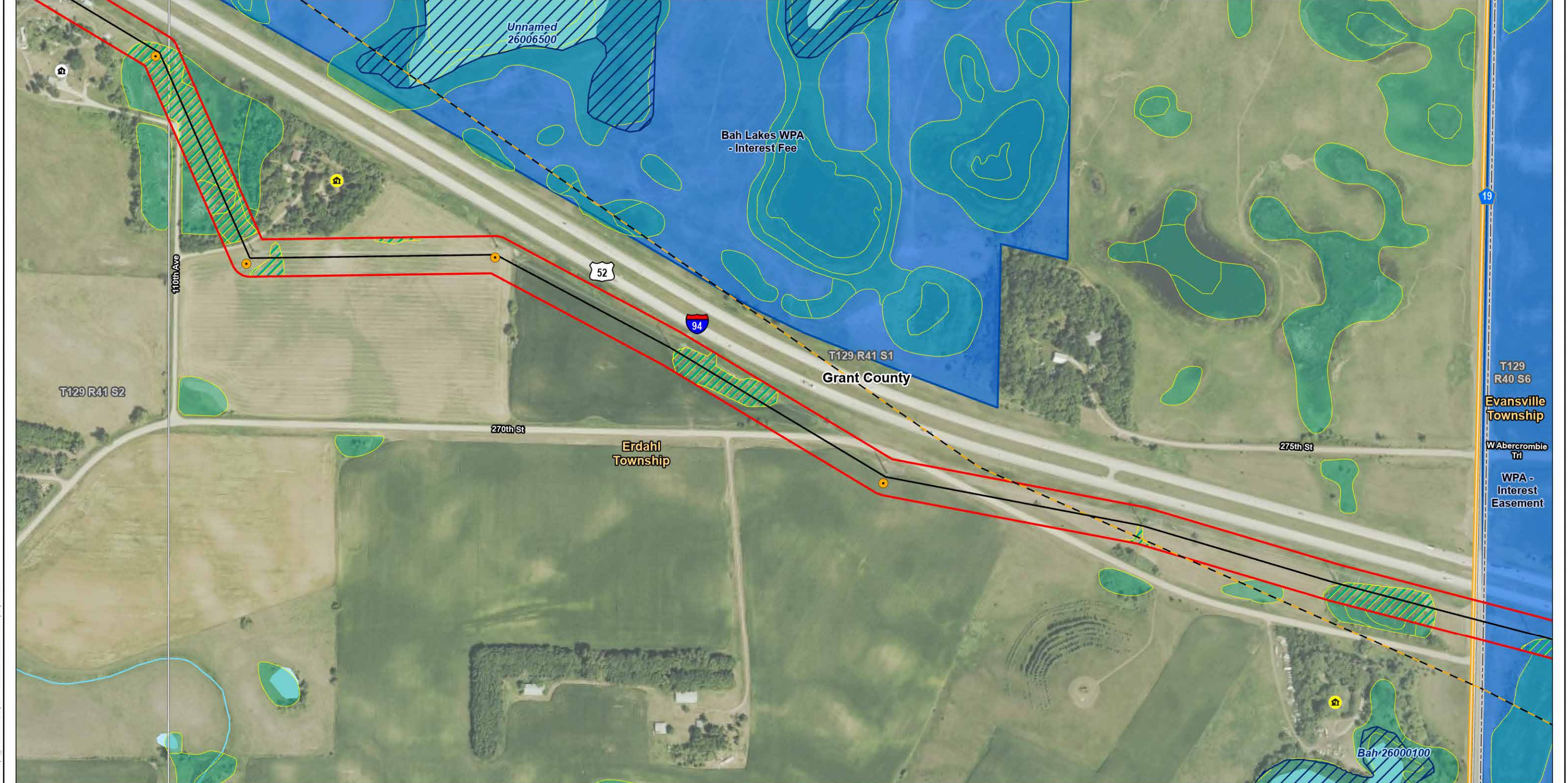


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B96**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



**Legend**

- New Foundation & Structure
- Existing Transmission Line
- Project Area (Right-of-Way)
- County Subdivision
- County Boundary
- State Boundary
- Residence 75-300 Feet from Centerline
- Residence 300-500 Feet from Centerline
- Hazardous Liquid Pipelines
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- USFWS Interest
- Waterfowl Production Area
- Minnesota Public Waters Delineations
- Public Waters Basins
- National Hydrography Dataset
- Waterbody
- Stream

**Project Location**  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

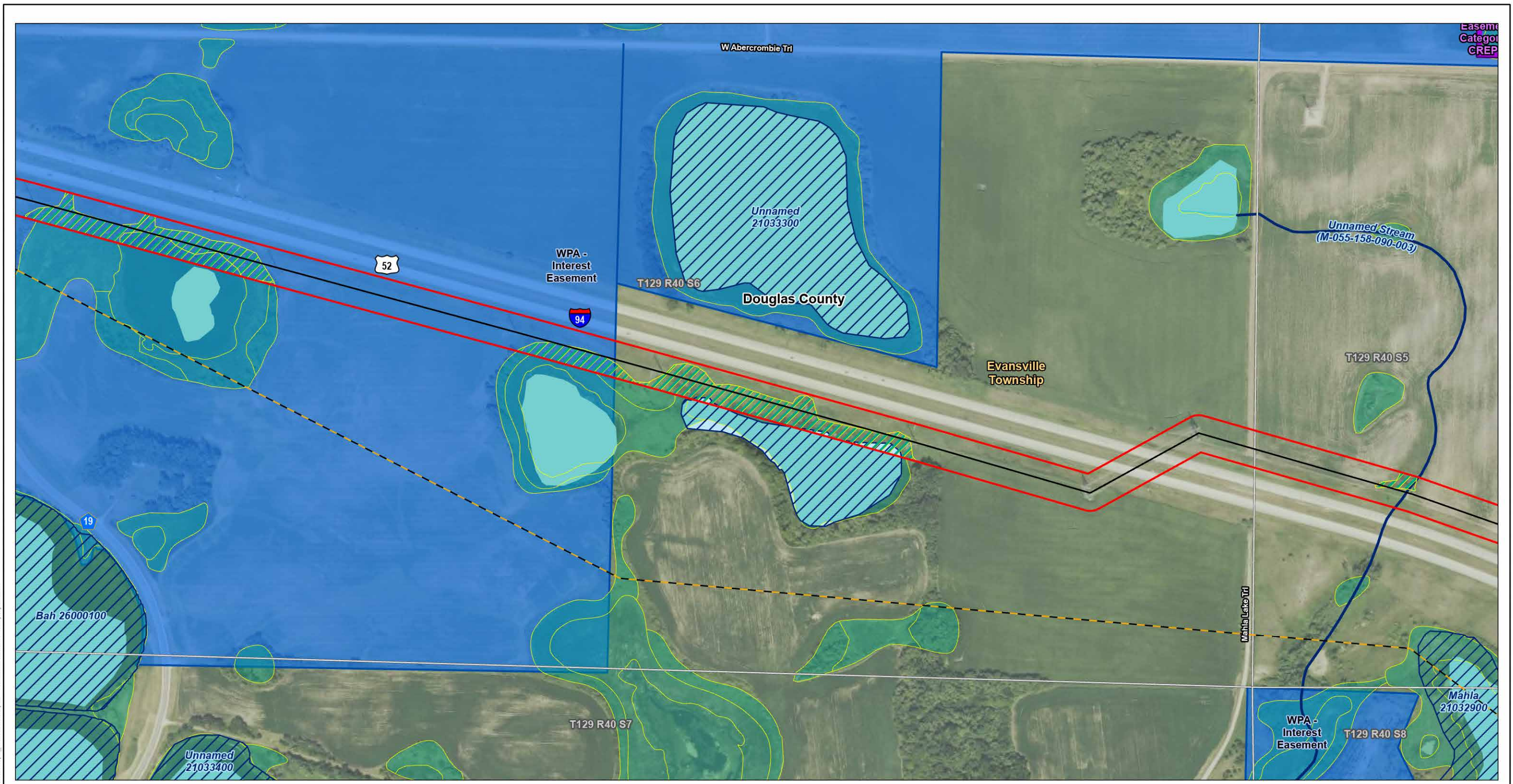
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B97**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

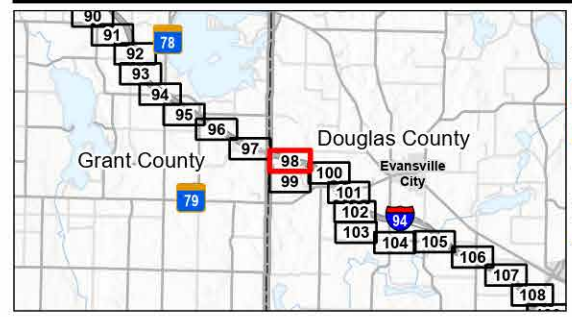
**Notes**  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

Scale: 0 200 400 Feet  
(At original document size of 11x17)  
1:4,800

Page 97 of 123



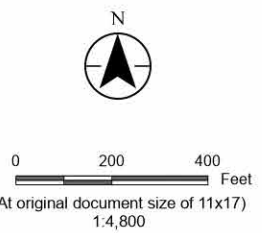
U:\2277\2277081\2203\_data\gis\_cad\gis\AcPr\p\pa\_amerndment\pa\_amerndment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Hazardous Liquid Pipelines

- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- BWSR Conservation Easements (RIM Reserve)
- USFWS Interest
- Waterfowl Production Area

- Minnesota Public Waters Delineations**
- Public Water Watercourse
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream

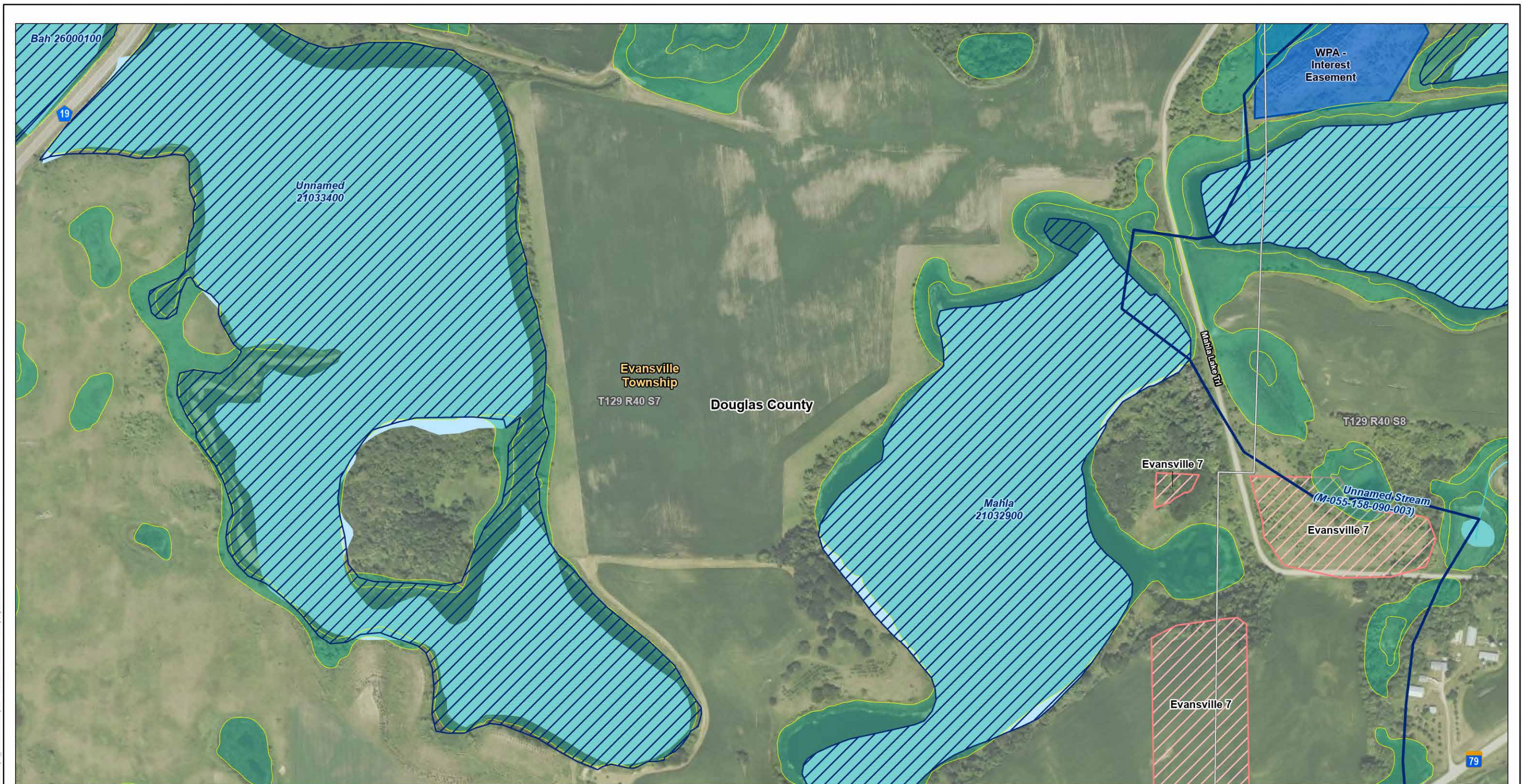


**Project Location**  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

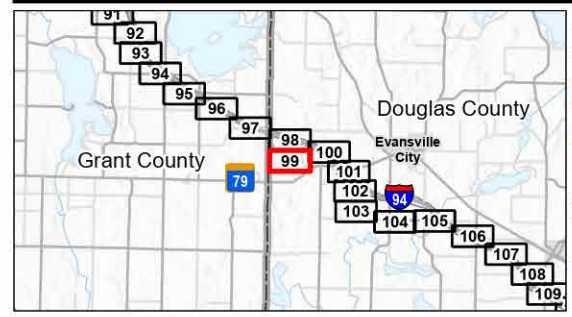
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B98**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

**Notes**  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

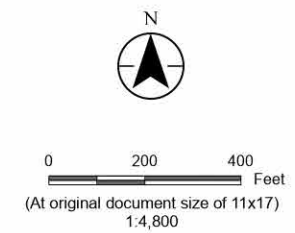


U:\2271\2271081\227103\_data\gis\caet\gis\ac\proj\pa\_amer\amer\map\_amer\amer\map\_amer.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - Sites of Biodiversity Significance
  - Below USFWS Interest
  - Waterfowl Production Area

- Minnesota Public Waters Delineations**
- Public Water Watercourse
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream



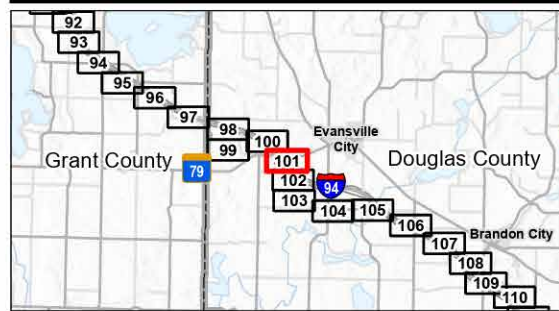
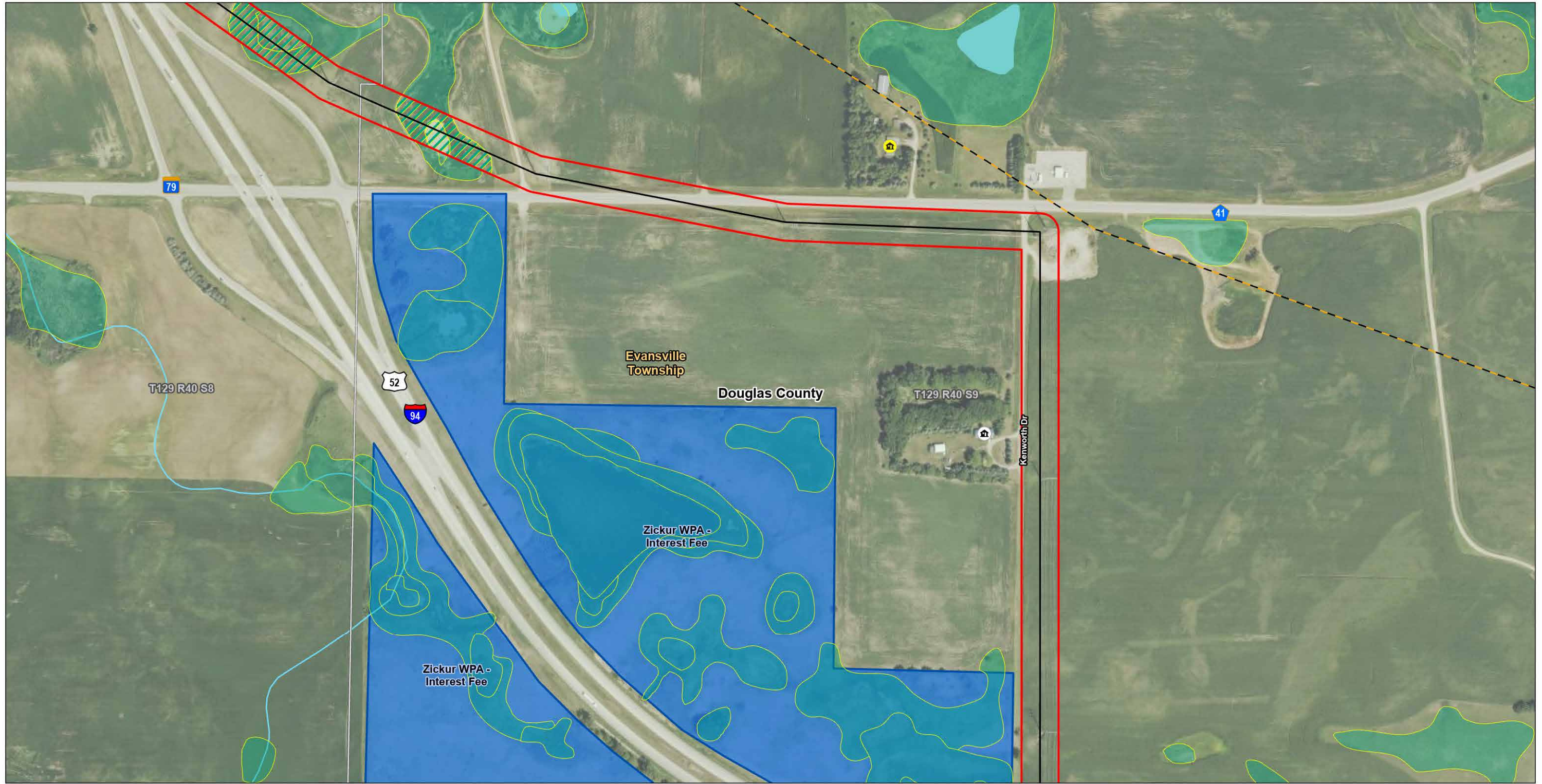
**Project Location**  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B99**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

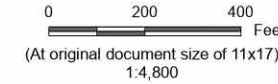




- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- Residence 75-300 Feet from Centerline
- Residence 300-500 Feet from Centerline
- Hazardous Liquid Pipelines
- Desktop Determined Wetlands (Level 1)

- National Wetlands Inventory
- USFWS Interest
- Waterfowl Production Area
- National Hydrography Dataset
- Waterbody
- Stream

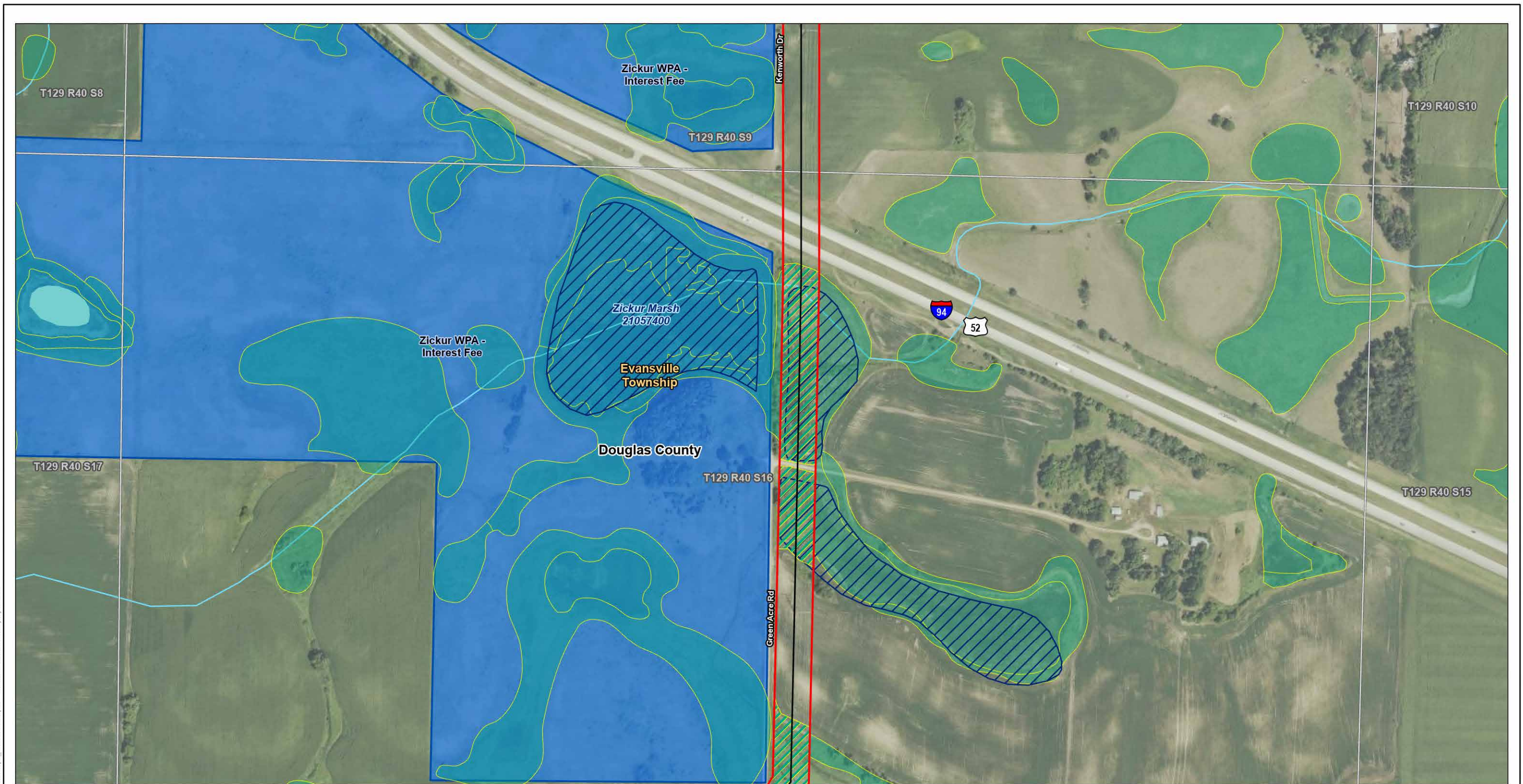


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

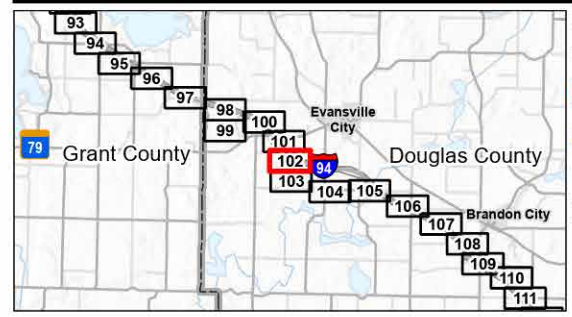
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B101**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

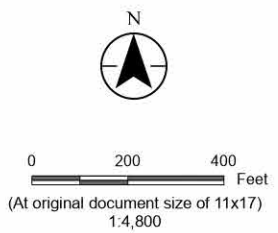
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\277\2277\081\2203\_data\gis\_cad\gis\AcPrj\pa\_amerndment\pa\_amerndment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - USFWS Interest
  - Waterfowl Production Area
  - Minnesota Public Waters Delineations
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream

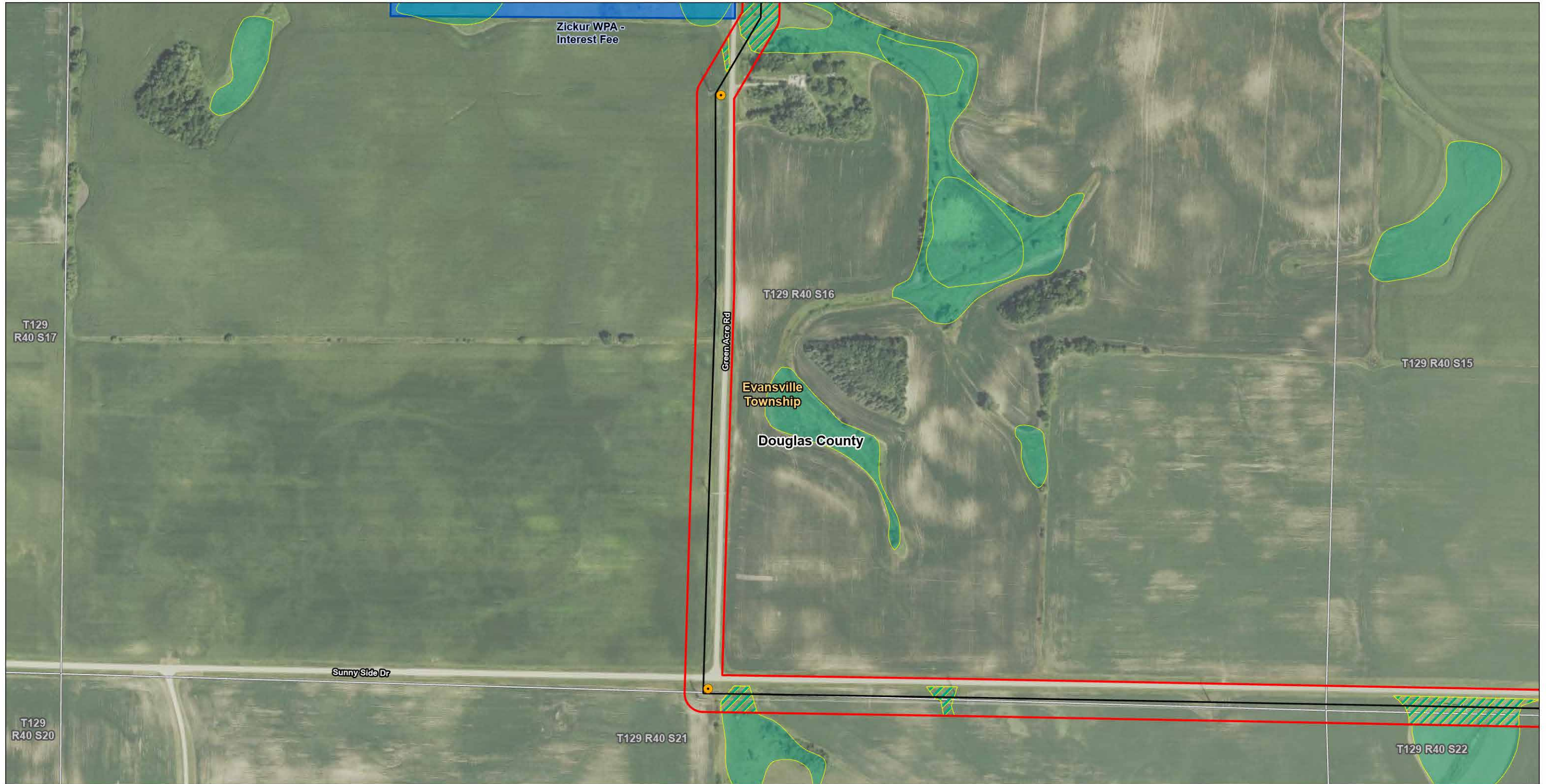


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

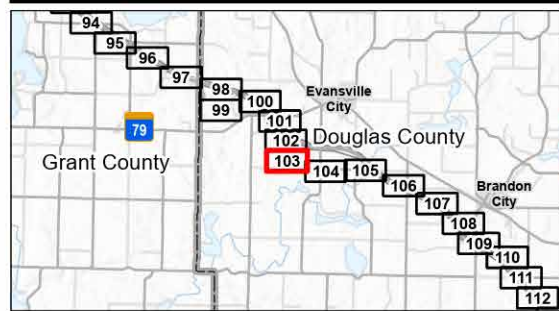
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B102**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

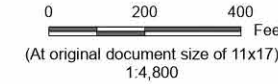
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\2277\2277\081122\03\_data\gis\_cad\gis\AcPr\tpa\_amerndment\tpa\_amerndment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - USFWS Interest
  - Waterfowl Production Area



*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

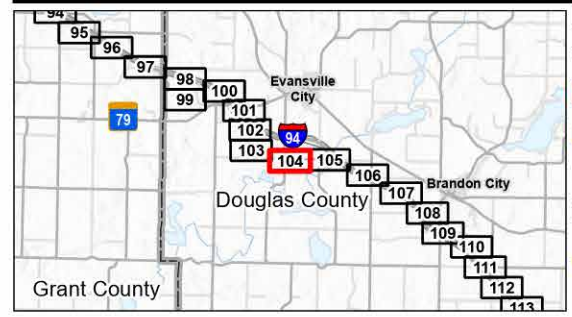
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B103**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

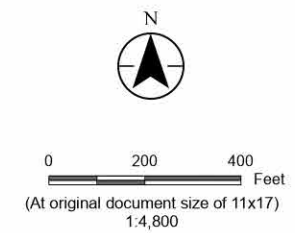
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\277\277108122\03\_data\gis\_cad\gis\AcPr\ppa\_amendment\ppa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - MNDNR Management Units - LRS
  - Wildlife Management Area - WMA
  - Minnesota Public Waters Delineations
  - Public Ditch/Altered Natural Watercourse
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream
  - FEMA Floodplain and Floodway
  - 100 Year Floodplain

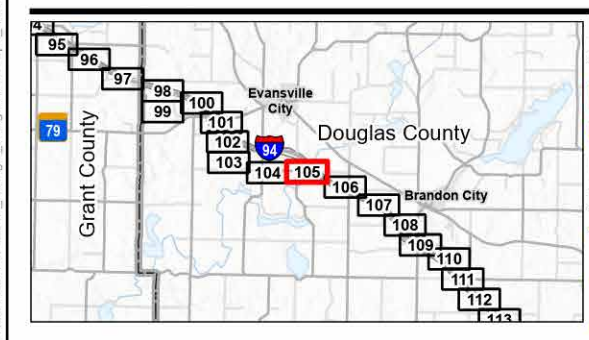
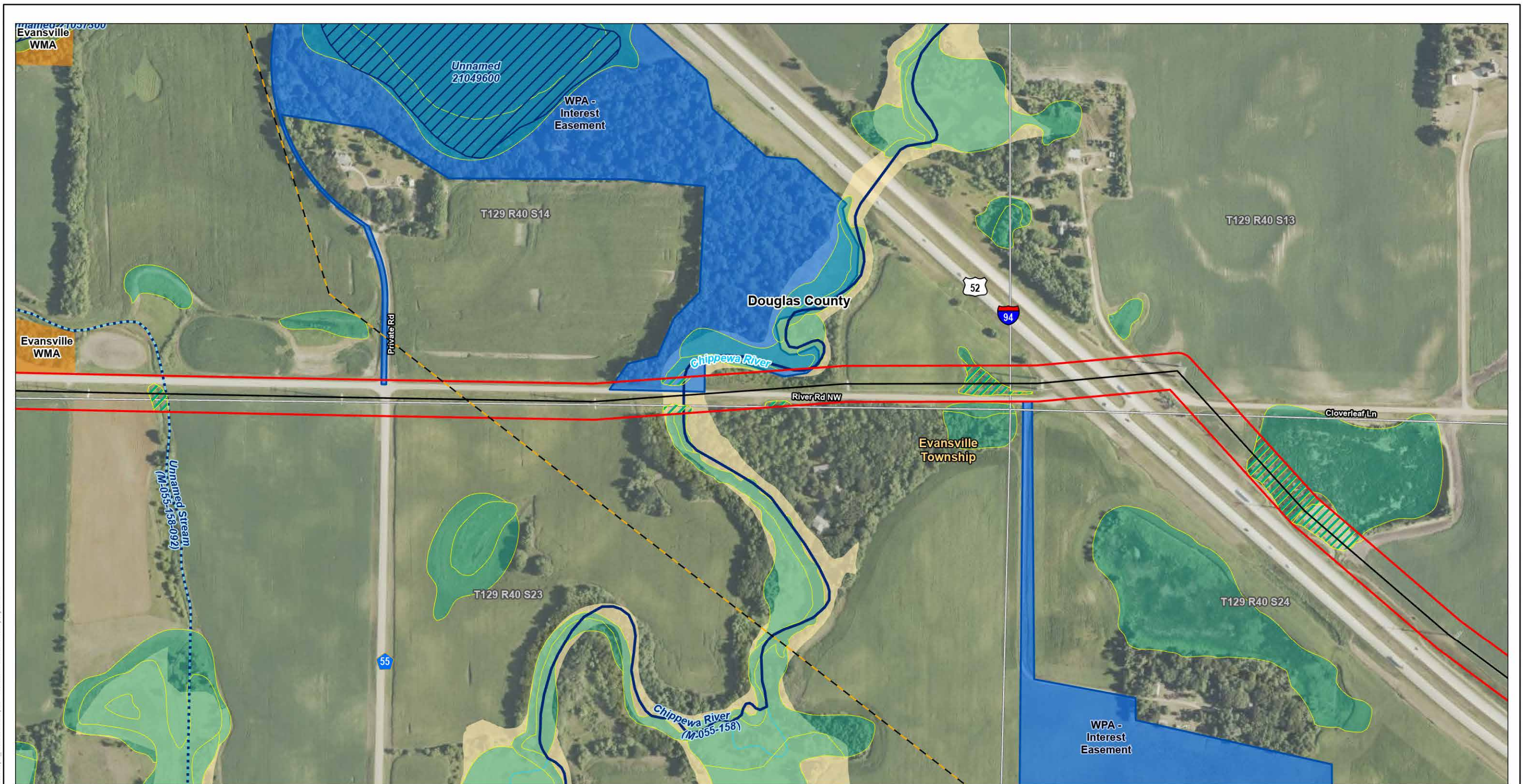


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

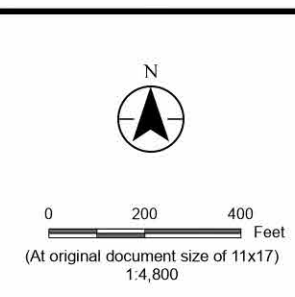
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B104**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Hazardous Liquid Pipelines
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - USFWS Interest
  - Waterfowl Production Area
  - MNDNR Management Units - LRS
  - Wildlife Management Area - WMA
  - Minnesota Public Waters Delineations
  - Public Water Watercourse
  - Public Ditch/Altered Natural Watercourse
  - Public Waters Basins
  - National Hydrography Dataset
  - Stream
  - FEMA Floodplain and Floodway
  - 100 Year Floodplain



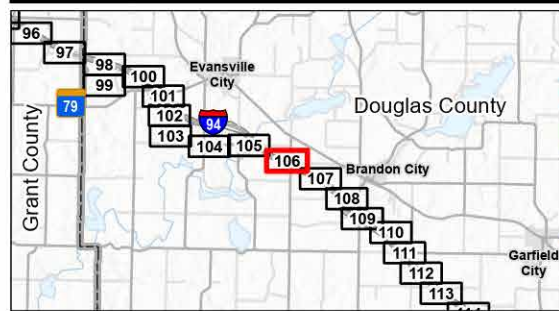
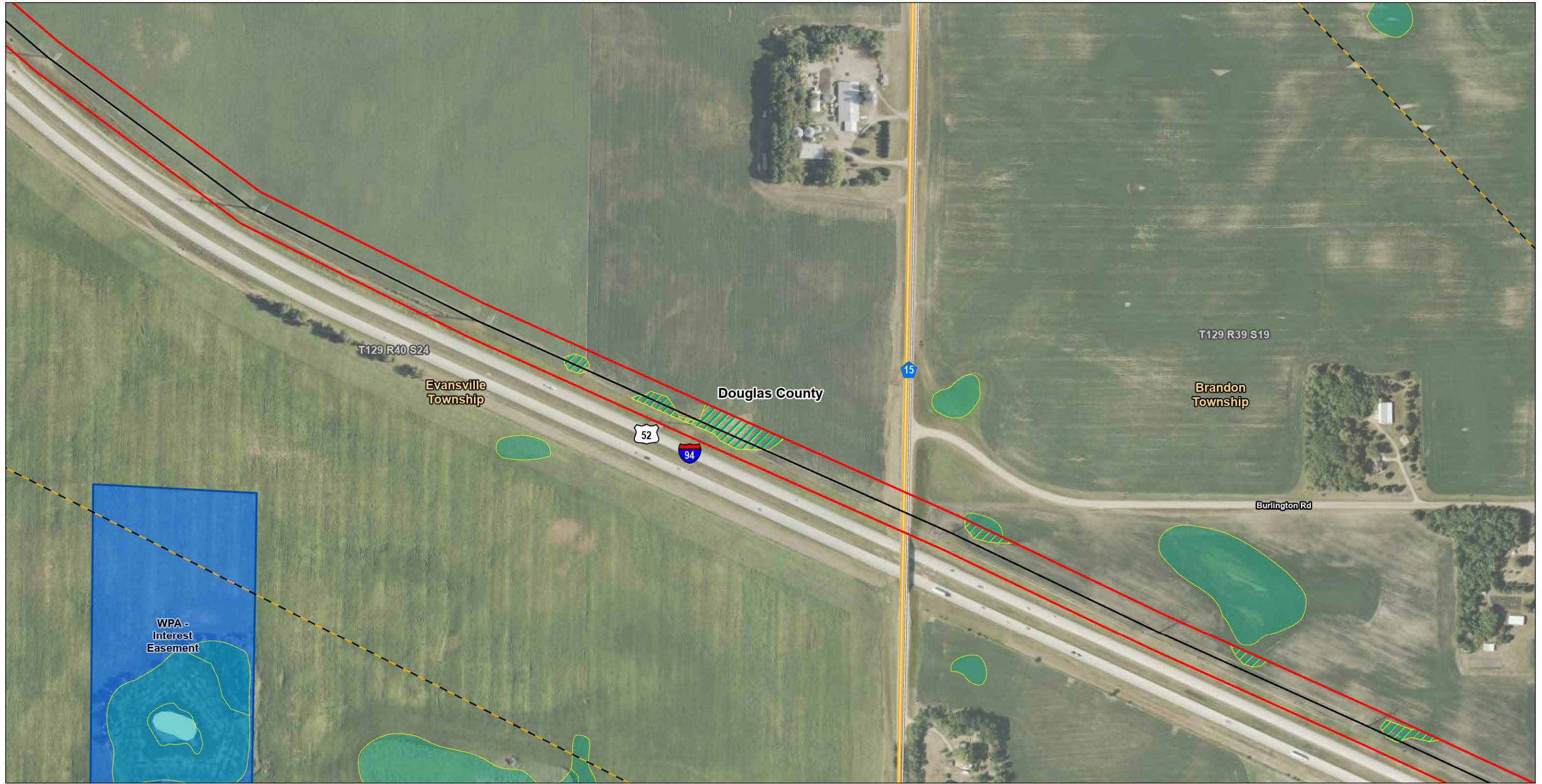
*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

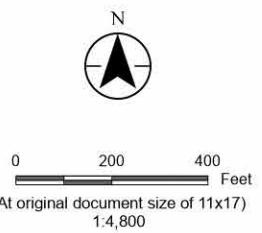
**Appendix B Map B105**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

Page 105 of 123



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Hazardous Liquid Pipelines
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - USFWS Interest
  - Waterfowl Production Area
  - National Hydrography Dataset
  - Waterbody

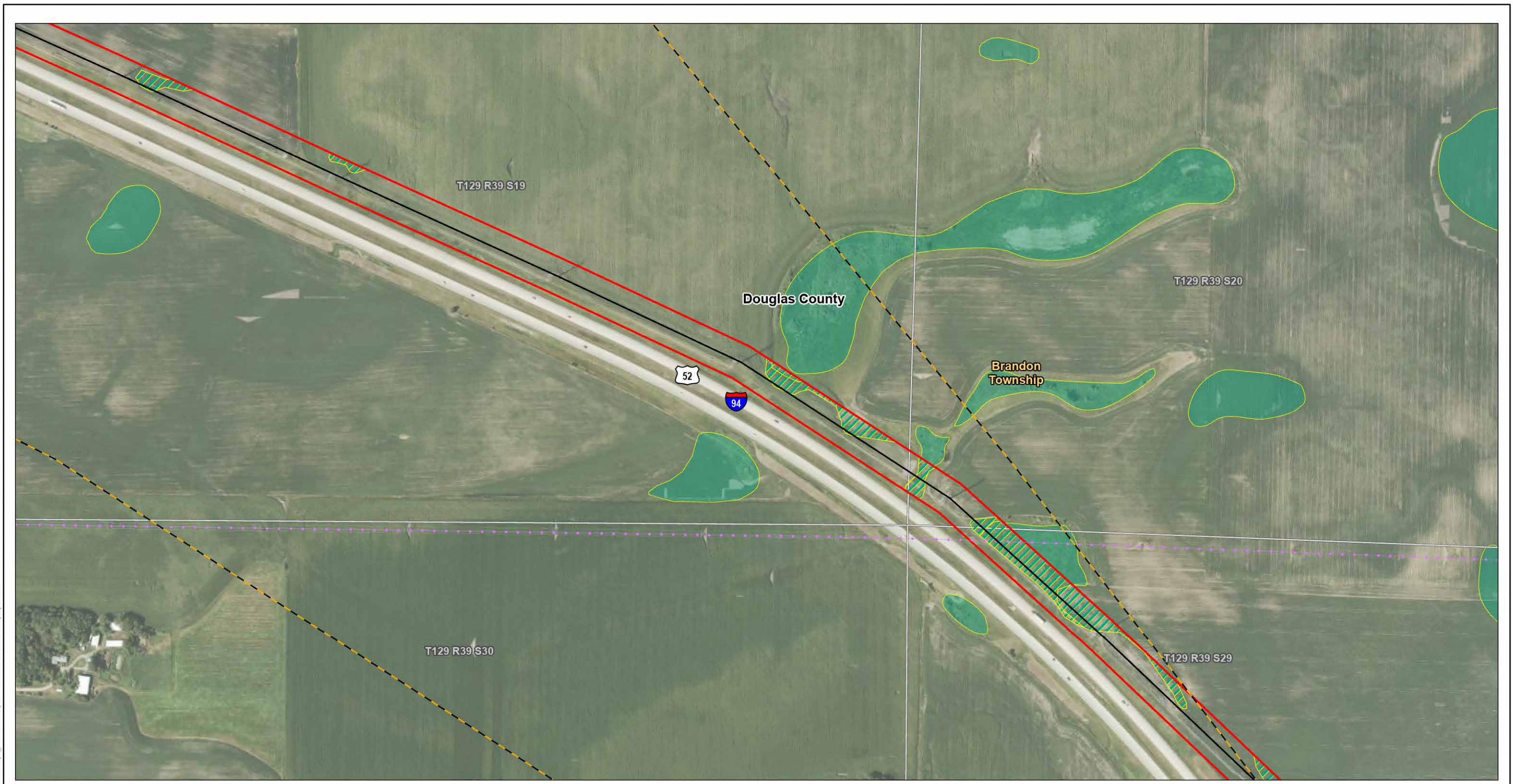


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

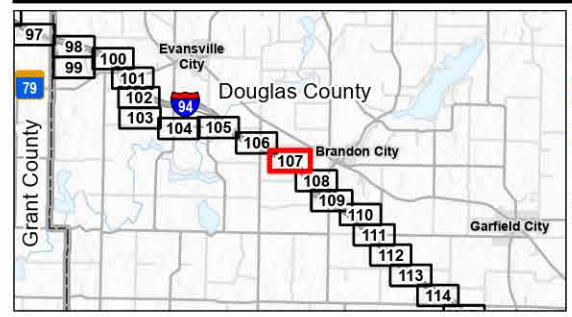
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B106**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

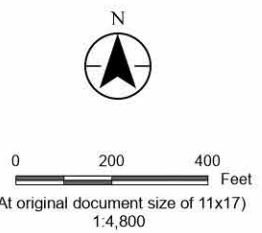
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\227\2271081\22703\_data\gis\caet\gis\ac\proj\pa\_amer\amendment\pa\_amer\amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Existing Electric Transmission Line
  - Hazardous Liquid Pipelines
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory

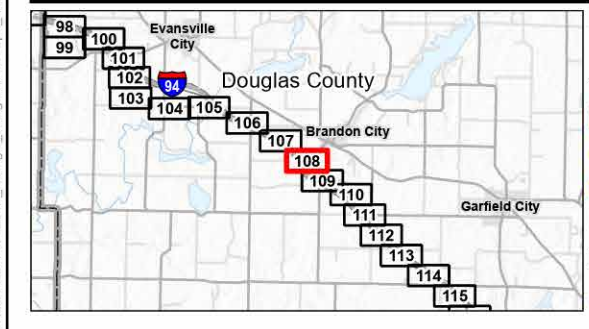
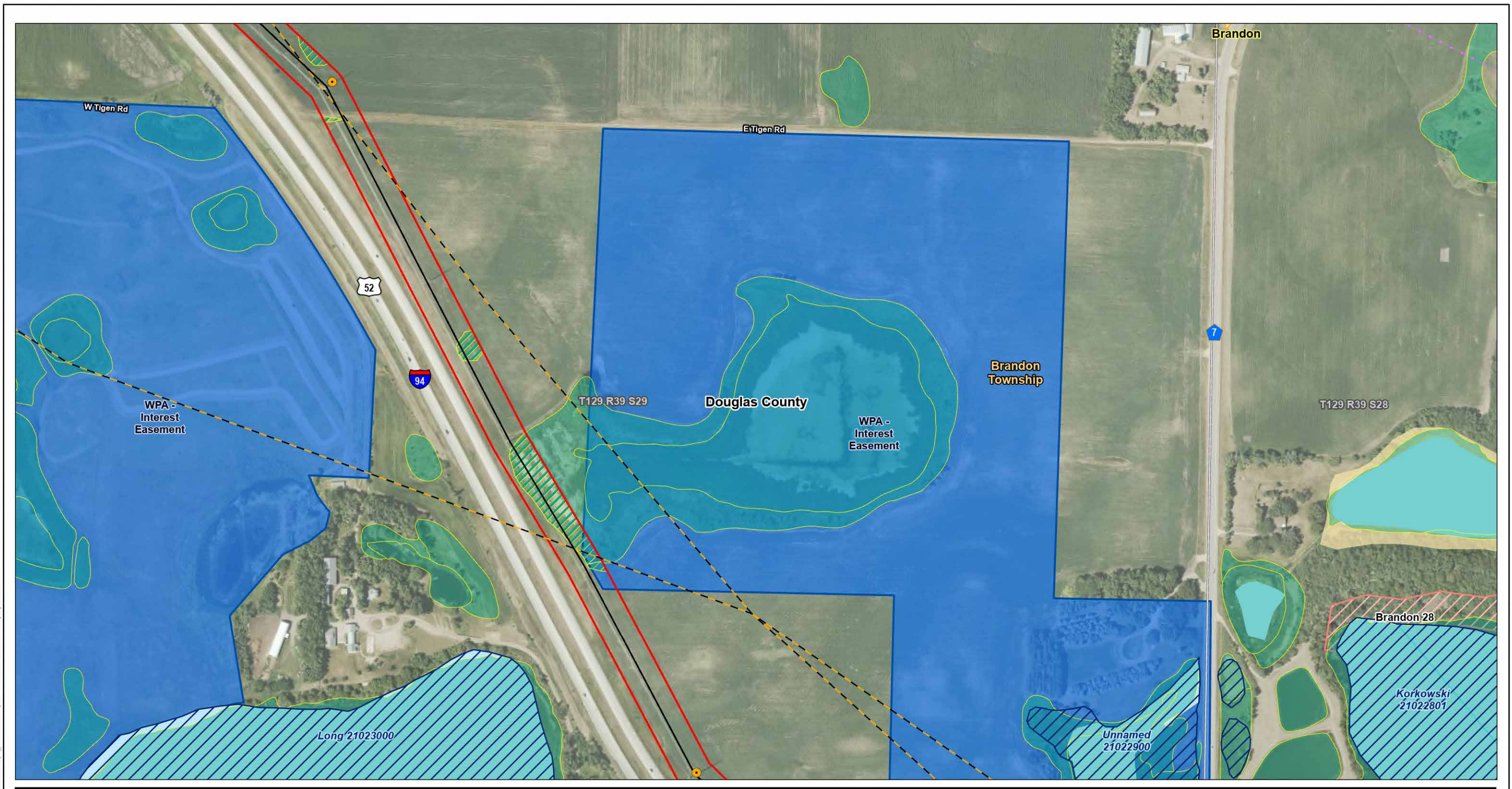


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

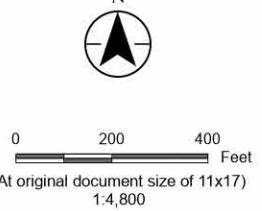
**Appendix B Map B107**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



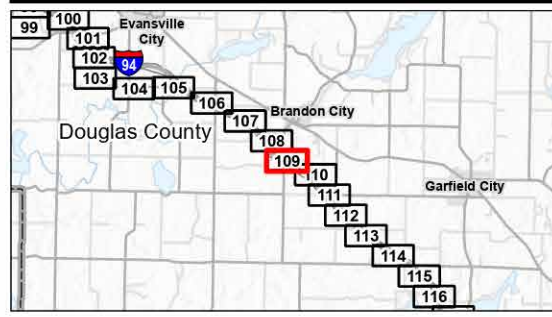
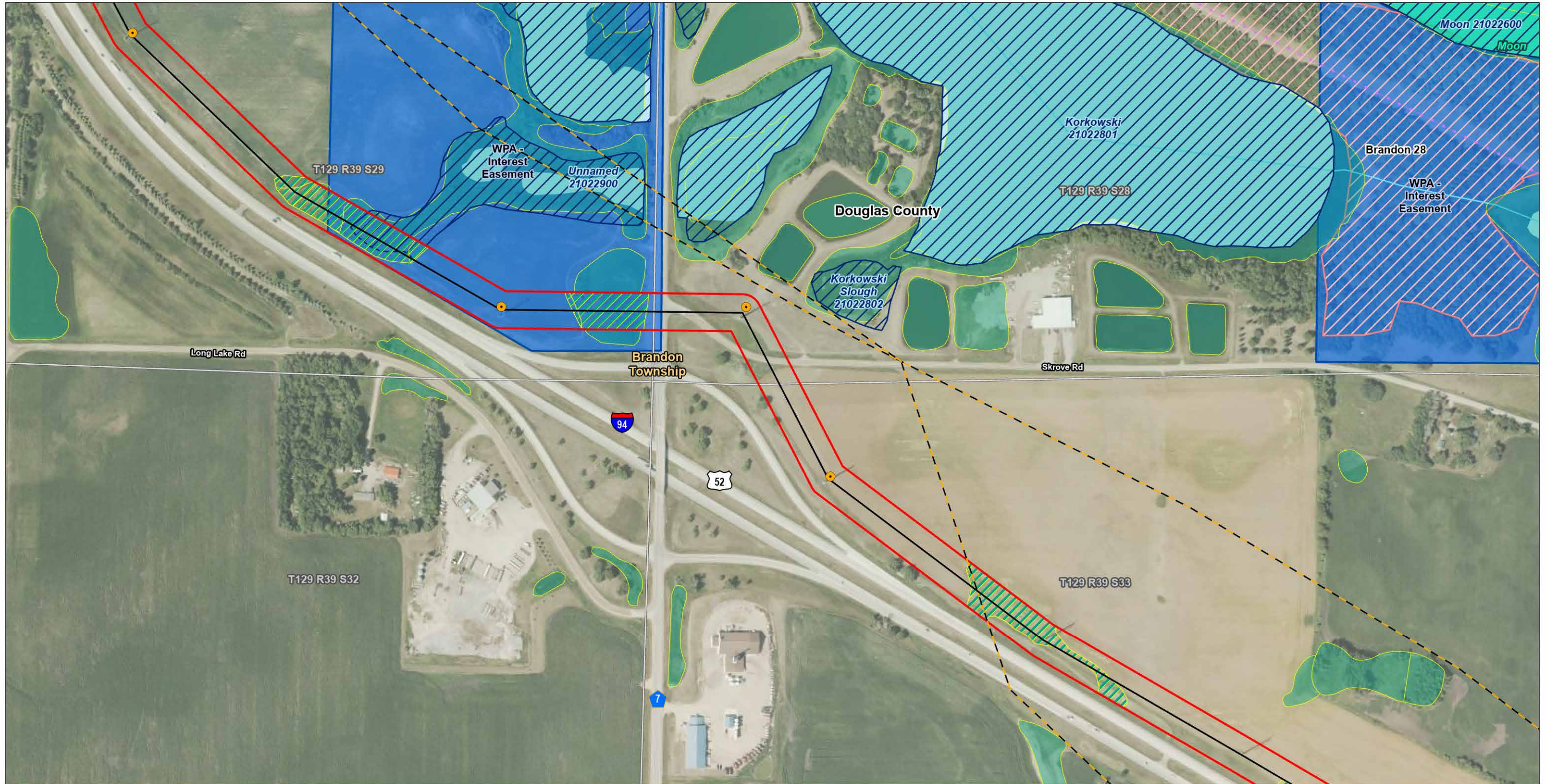
Legend			
	New Foundation & Structure		Hazardous Liquid Pipelines
	Existing Transmission Line		Desktop Determined Wetlands (Level 1)
	Project Area (Right-of-Way)		National Wetlands Inventory
	Municipality		Sites of Biodiversity Significance
	County Subdivision		Below USFWS Interest
	County Boundary		Waterfowl Production Area
	State Boundary		Minnesota Public Waters Delineations
	Existing Electric Transmission Line		Public Waters Basins
			National Hydrography Dataset
			Waterbody
			Stream
			FEMA Floodplain and Floodway
			100 Year Floodplain

Project Location: Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota  
 Prepared by KJM on 2026-04-15  
 TR by AR on 2026-01-13  
 IR by NP on 2026-01-13

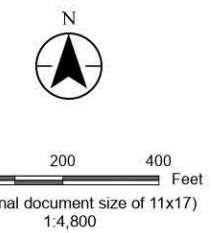


**Appendix B Map B108**  
**Detailed Project Area Map**  
 Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
 Transmission Project  
 Route Permit Amendment

**Notes**  
 1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
 2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
 3. Background: NAIP 2023



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Existing Electric Transmission Line
  - Hazardous Liquid Pipelines
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - Sites of Biodiversity Significance
  - Below USFWS Interest
  - Waterfowl Production Area
  - Lakes of Biological Significance
  - Outstanding
  - Minnesota Public Waters Delineations
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream
  - FEMA Floodplain and Floodway
  - 100 Year Floodplain

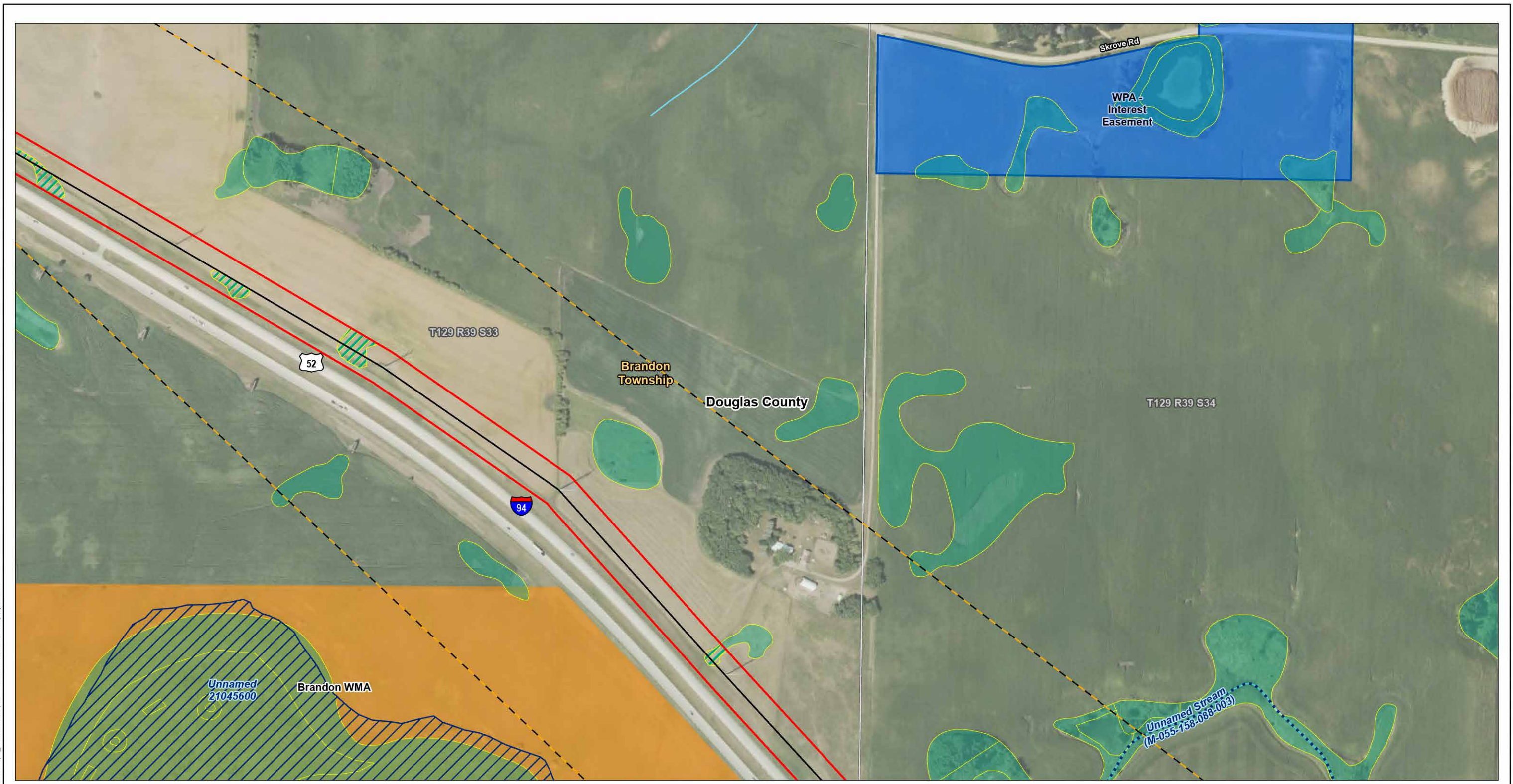


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

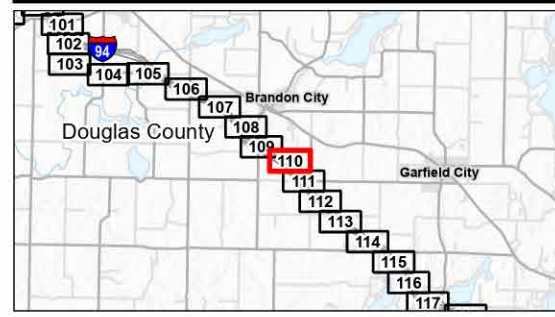
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B109**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



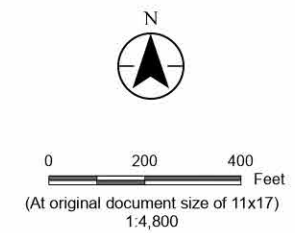
U:\277\277\081\22\03\_data\gis\_cad\gis\AcProc\ppa\_amendment\ppa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Existing Electric Transmission Line
  - Hazardous Liquid Pipelines

- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- USFWS Interest
- Waterfowl Production Area
- MNDNR Management Units - LRS
- Wildlife Management Area - WMA

- Minnesota Public Waters Delineations**
- Public Ditch/Altered Natural Watercourse
  - Public Waters Basins
  - National Hydrography Dataset
  - Stream



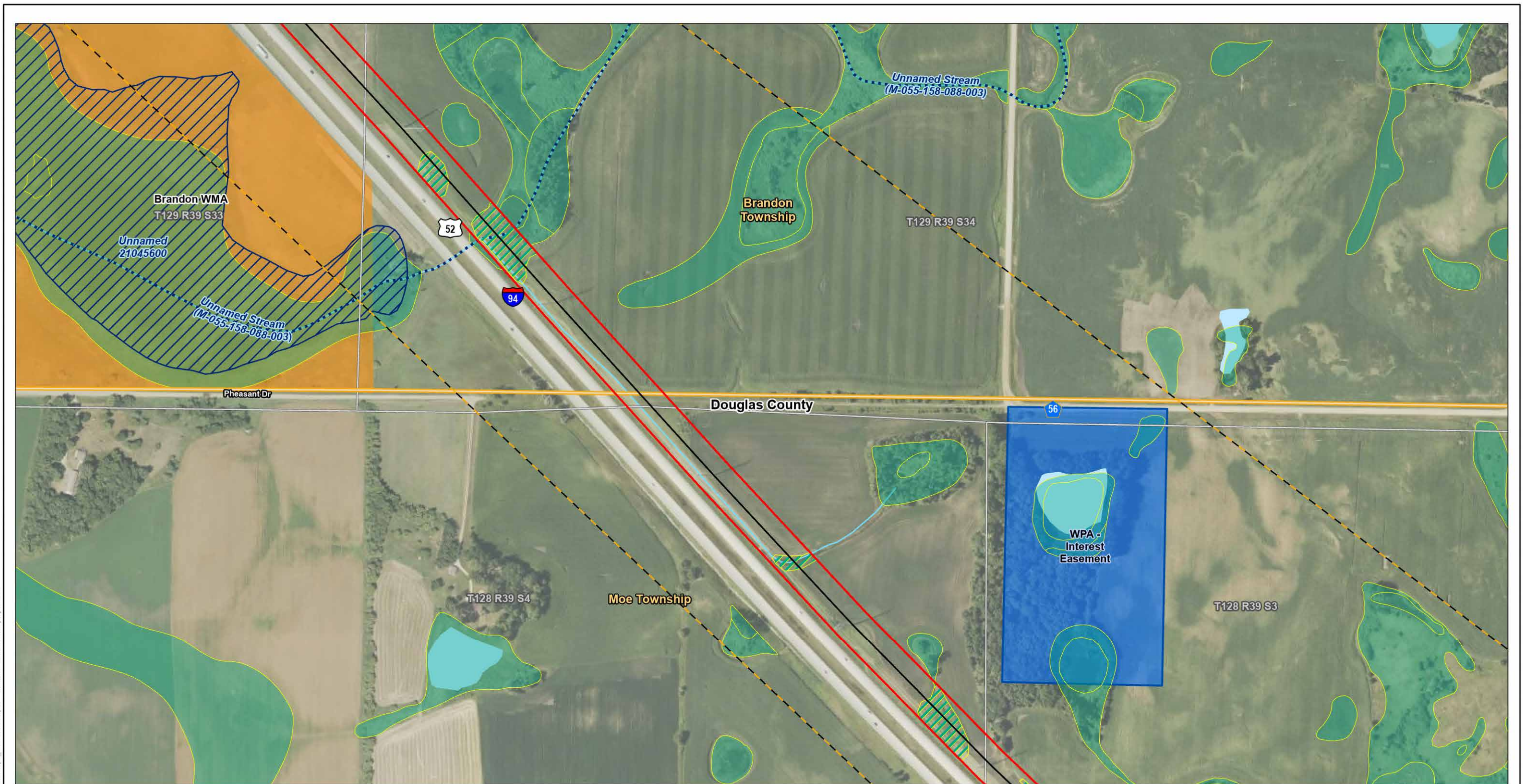
**Project Location**  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

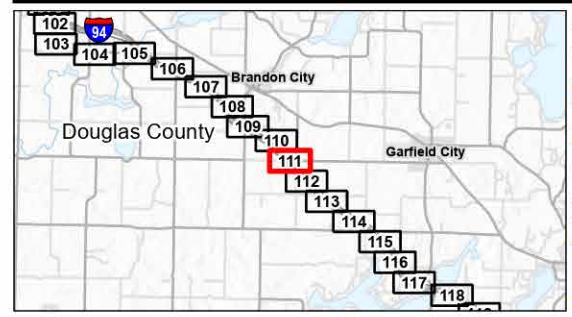
**Appendix B Map B110**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

Page 110 of 123



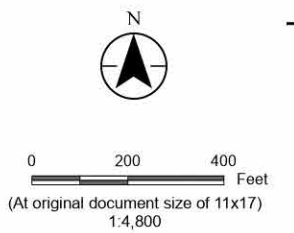
U:\277\277\081\22\03\_data\gis\_cad\gis\AcProc\Pro\pa\_amer\amendment\prx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Hazardous Liquid Pipelines
  - Desktop Determined Wetlands (Level 1)

- National Wetlands Inventory
- USFWS Interest
- Waterfowl Production Area
- MNDNR Management Units - LRS
- Wildlife Management Area - WMA

- Minnesota Public Waters Delineations**
- Public Ditch/Altered Natural Watercourse
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream

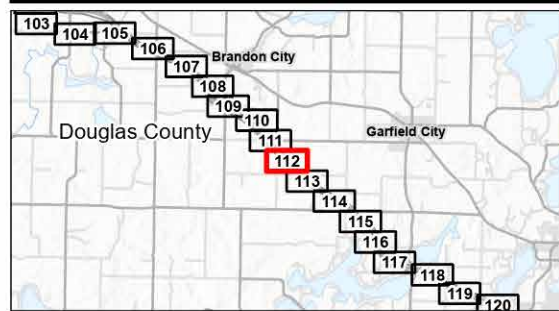


**Project Location**  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B111**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

**Notes**  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



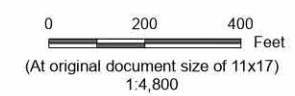
- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- Hazardous Liquid Pipelines
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory

- USFWS Interest
- Waterfowl Production Area
- National Hydrography Dataset
- Waterbody
- Stream

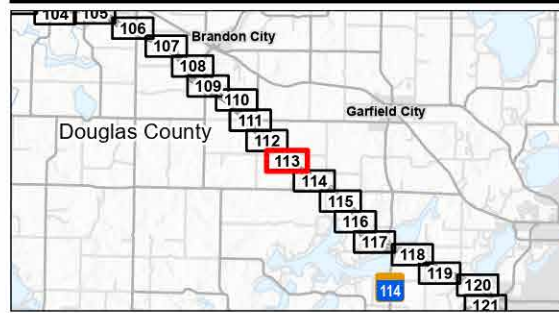
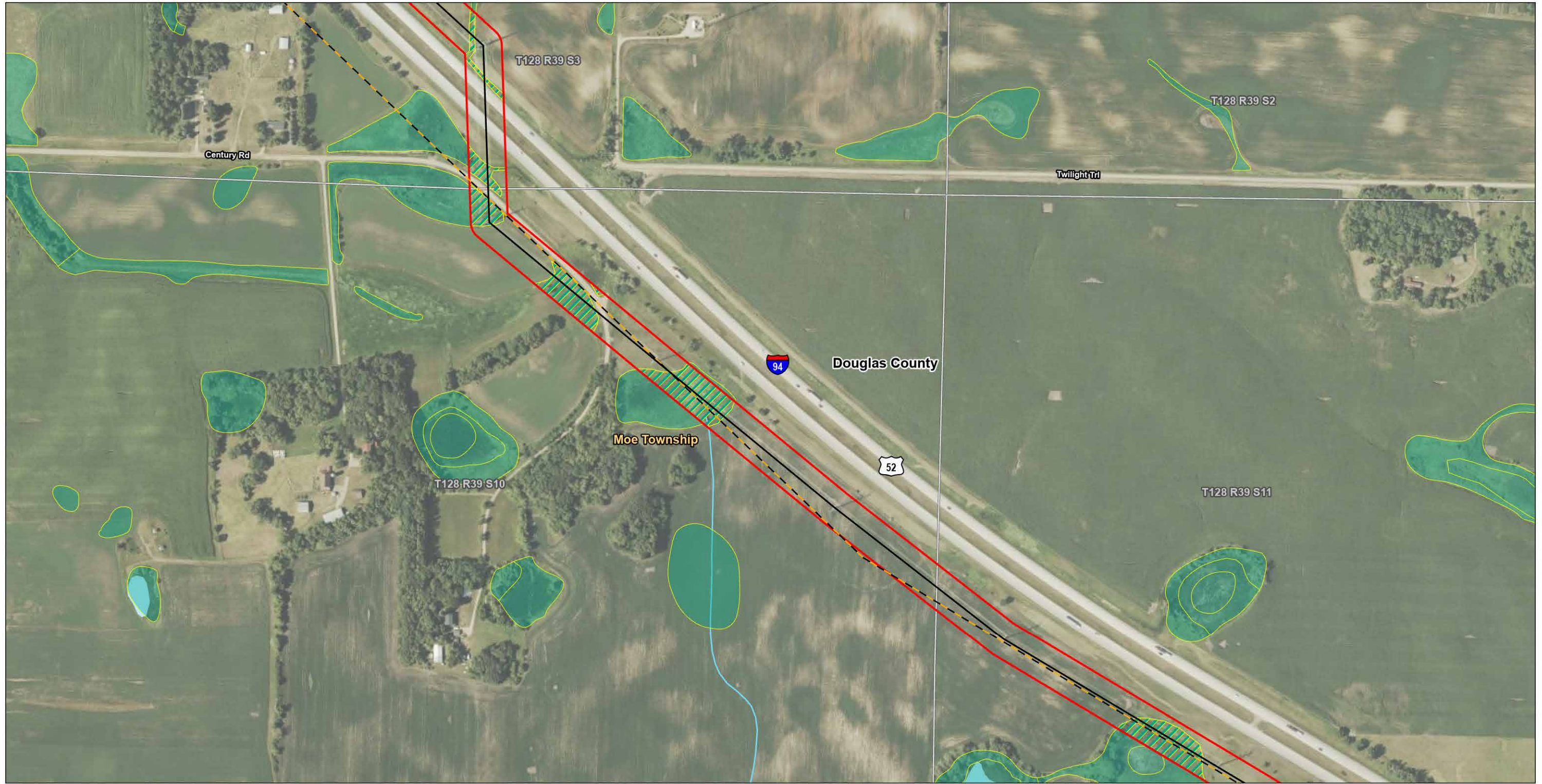
*Project Location*  
Clay, Wilkin, Otter Tail, Grant  
and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

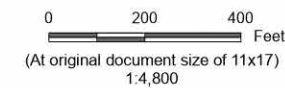


**Appendix B Map B112**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Hazardous Liquid Pipelines
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - National Hydrography Dataset
  - Waterbody
  - Stream



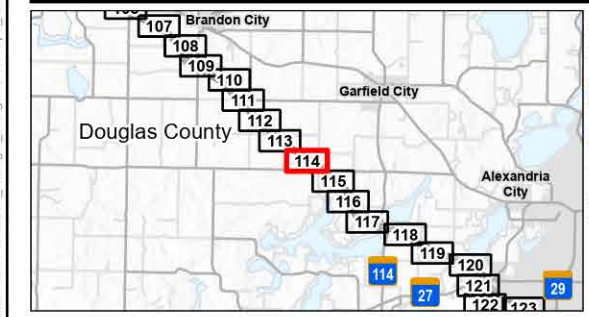
*Project Location*  
Clay, Wilkin, Otter Tail, Grant  
and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B113**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

U:\2271\2271081\2203\_data\gis\_cad\gis\AcPrj\pa\_amendment\pa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



**Legend**

Existing Transmission Line	Hazardous Liquid Pipelines	Minnesota Public Waters Delineations
Project Area (Right-of-Way)	Desktop Determined Wetlands (Level 1)	Public Waters Basins
County Subdivision	National Wetlands Inventory	National Hydrography Dataset
County Boundary	USFWS Interest	Waterbody
State Boundary	Waterfowl Production Area	Stream
Residence 300-500 Feet from Centerline		

**Project Location**  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

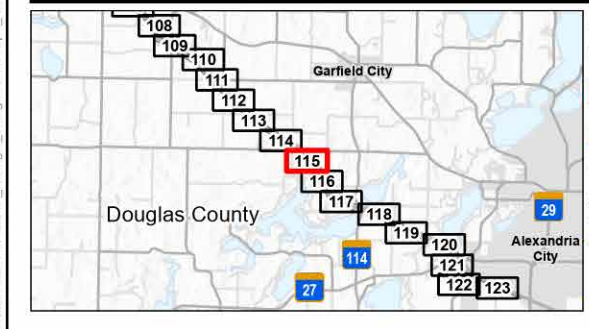
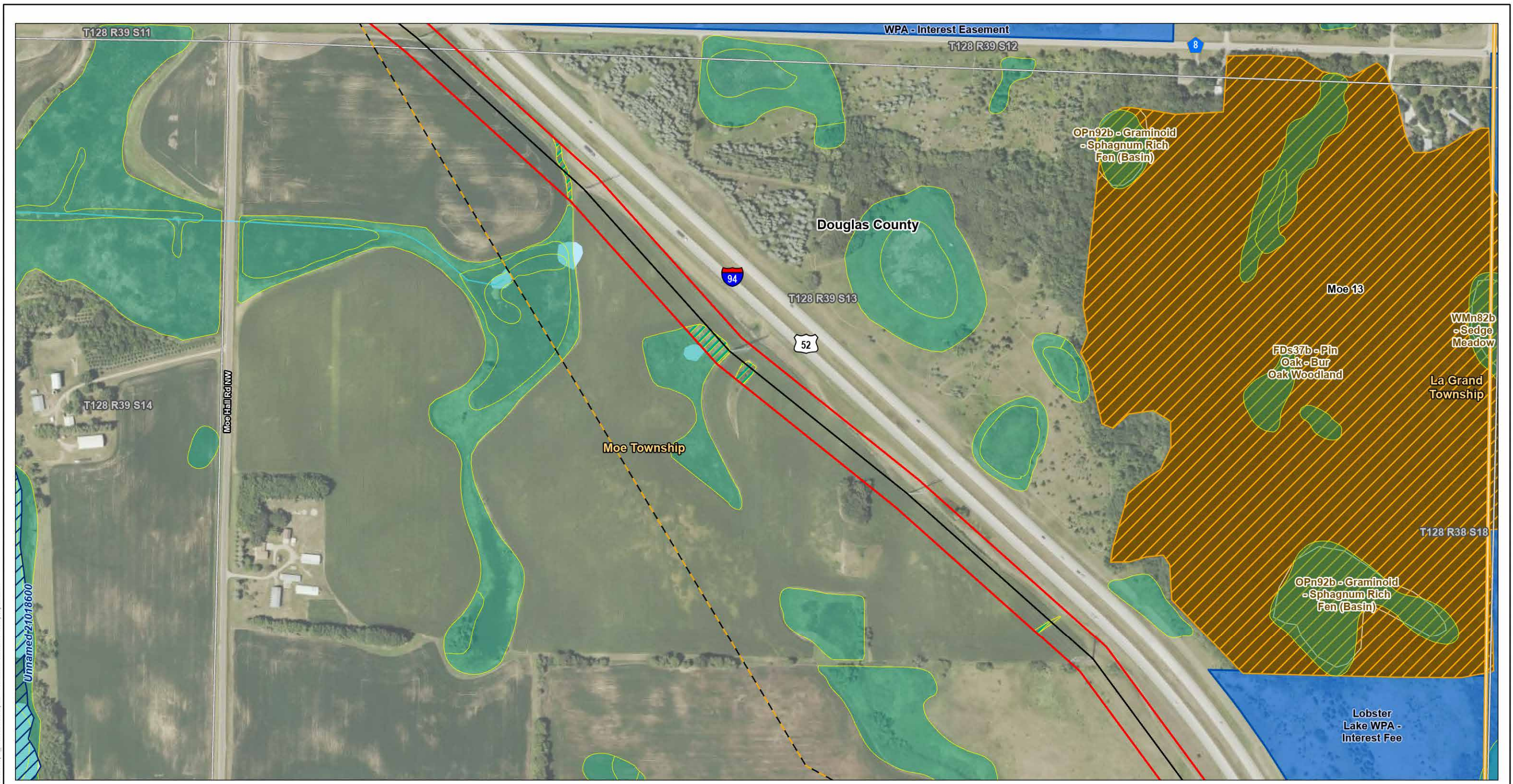
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B114**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

**Notes**  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

Scale: 0 200 400 Feet  
(At original document size of 11x17)  
1:4,800

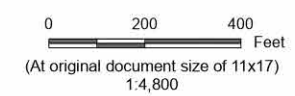
Page 114 of 123



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Hazardous Liquid Pipelines
  - Desktop Determined Wetlands (Level 1)

- National Wetlands Inventory
- DNR Native Plant Communities
- Sites of Biodiversity Significance
- Moderate USFWS Interest
- Waterfowl Production Area

- Minnesota Public Waters Delineations**
- Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream



*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

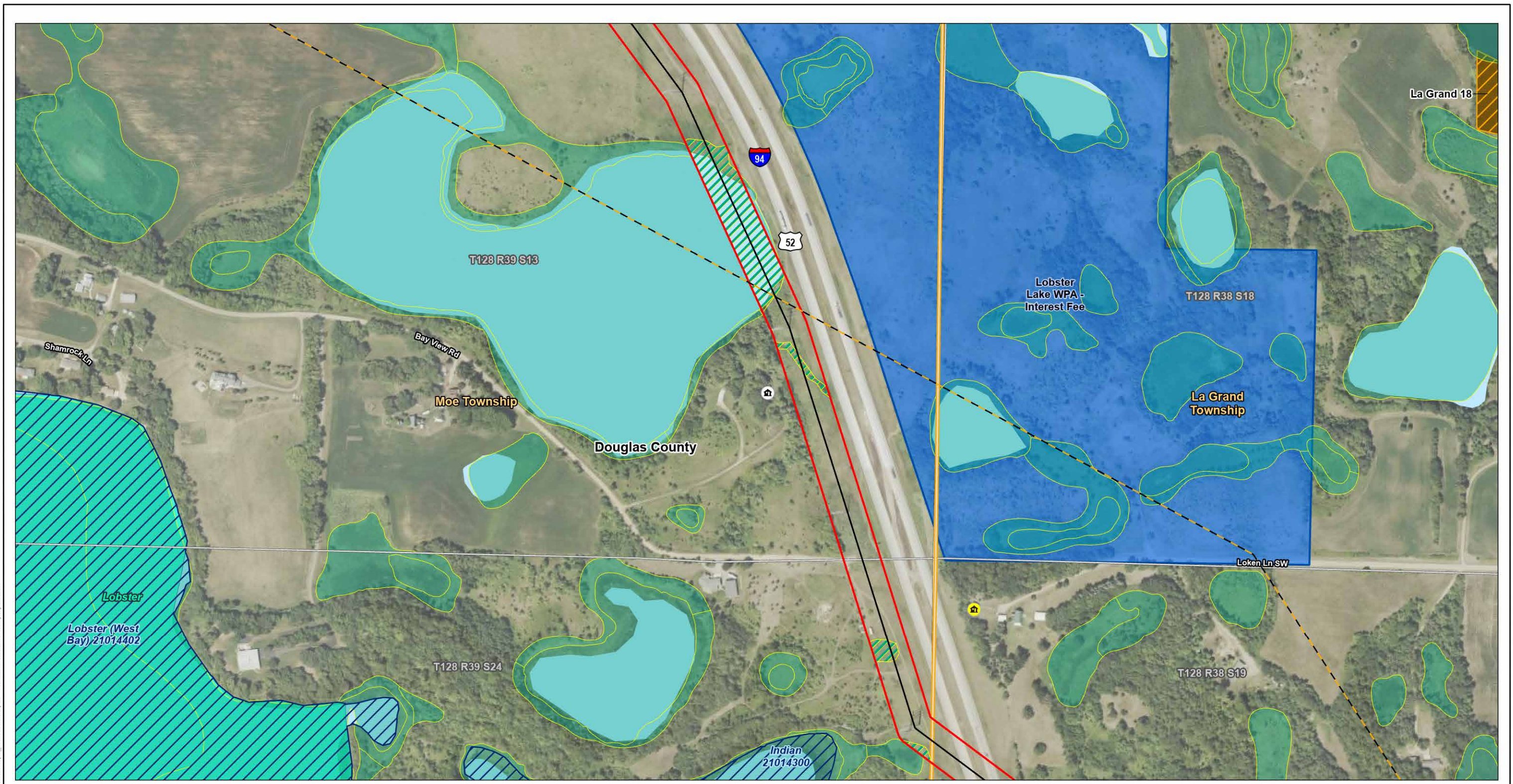
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B115**

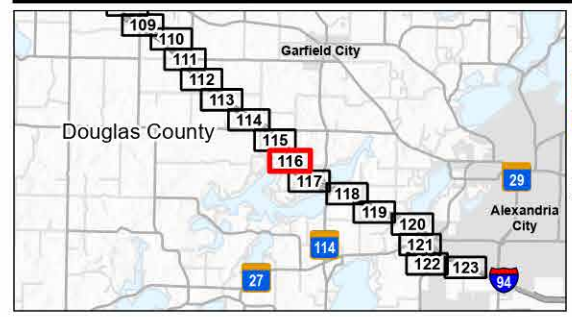
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

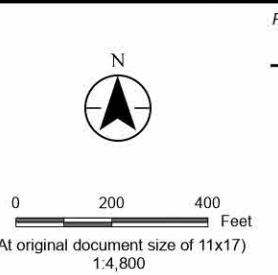
Page 115 of 123



U:\277\2277\081\22\03\_data\gis\_cad\gis\ac\proj\pa\_amer\amer\map\_amer\amer.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary
  - Residence 75-300 Feet from Centerline
  - Residence 300-500 Feet from Centerline
  - Hazardous Liquid Pipelines
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - DNR Native Plant Communities
  - Sites of Biodiversity Significance
  - Moderate USFWS Interest
  - Waterfowl Production Area
  - Lakes of Biological Significance
  - Outstanding Minnesota Public Waters Delineations
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody

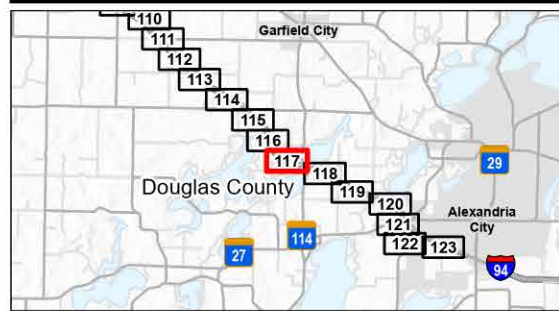
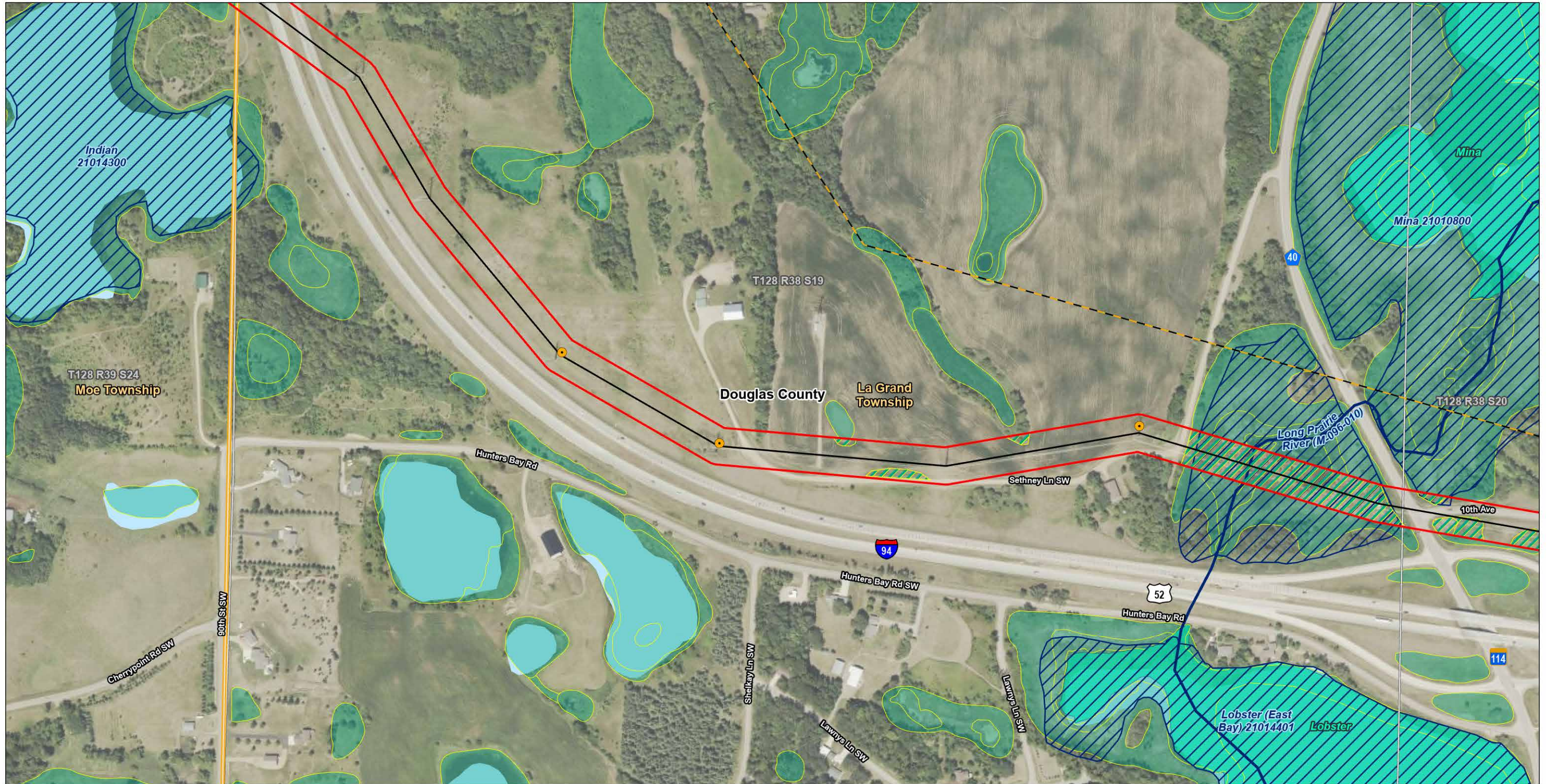


**Project Location**  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B116**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

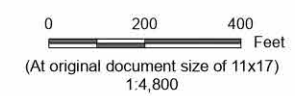
Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- Hazardous Liquid Pipelines
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- Lakes of Biological Significance
- Outstanding

- Minnesota Public Waters Delineations**
- Public Water Watercourse
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody
  - Stream

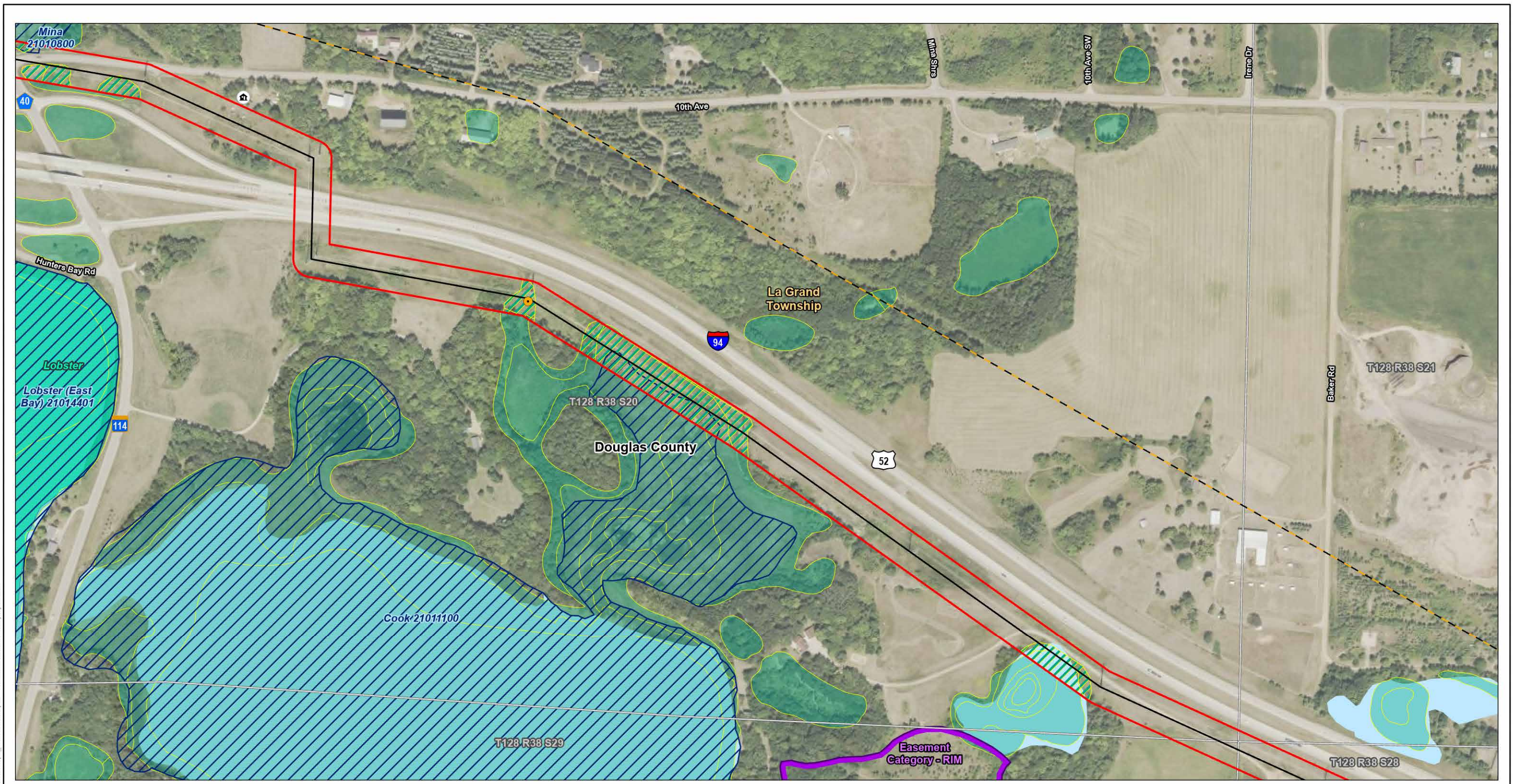


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

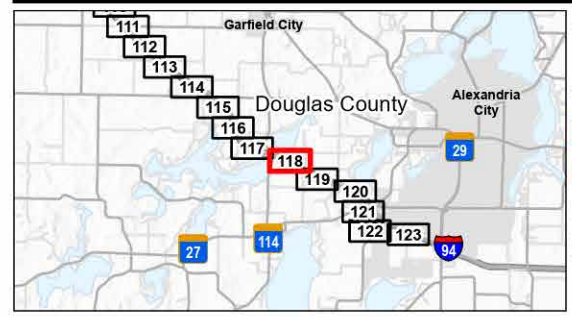
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B117**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



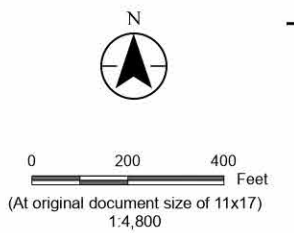
U:\277\2771081\2703\_data\gis\_cad\gis\ac\Propria\_amerndment\propria\_amerndment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- 🏠 Residence 75-300 Feet from Centerline
- 📏 Hazardous Liquid Pipelines
- 🌿 Desktop Determined Wetlands (Level 1)
- 🌿 National Wetlands Inventory
- 📏 BWSR Conservation Easements (RIM Reserve)

- Lakes of Biological Significance**
- 🌊 Outstanding Minnesota Public Waters Delineations
  - 🌊 Public Waters Basins
  - 🌊 National Hydrography Dataset
  - 🌊 Waterbody

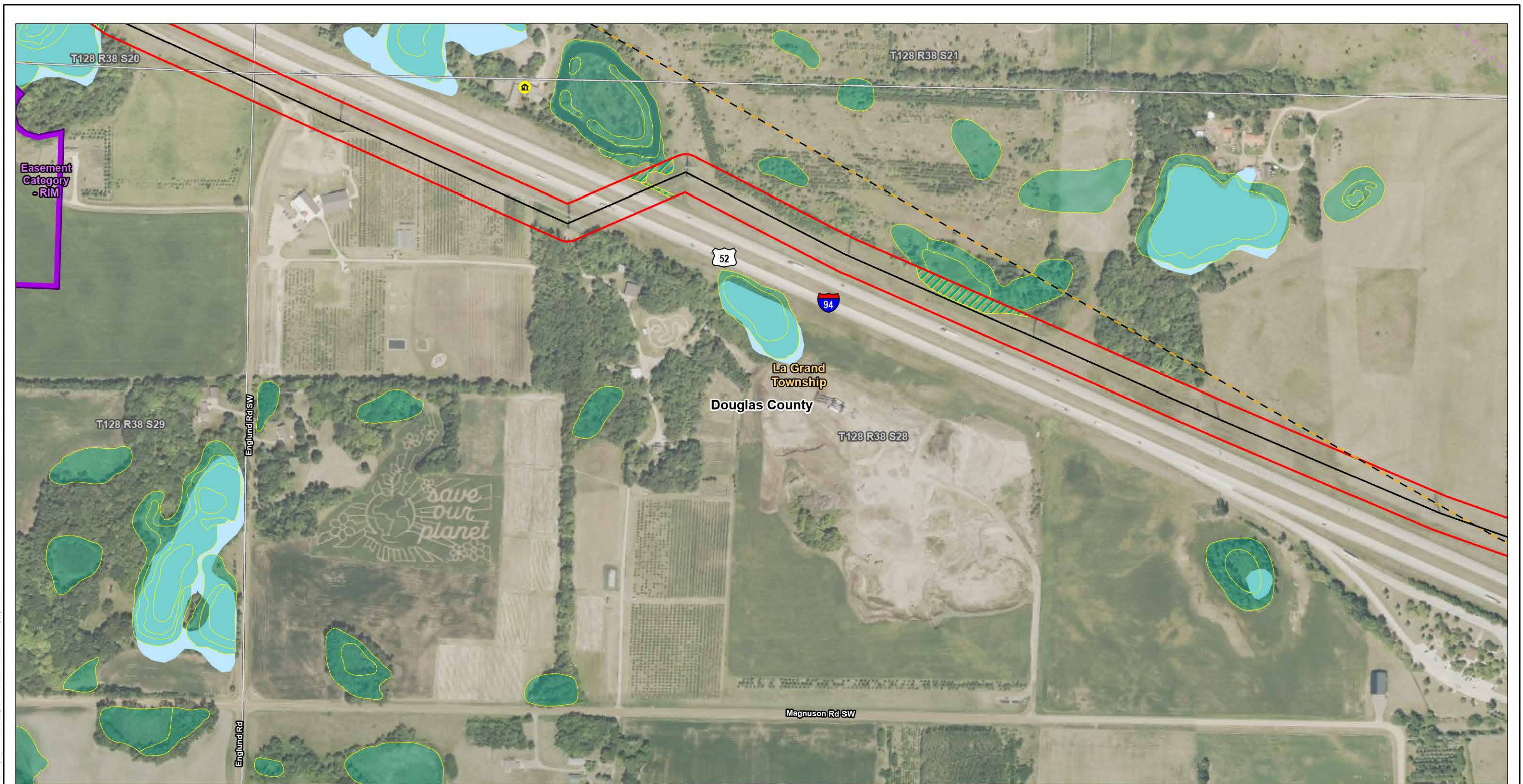


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

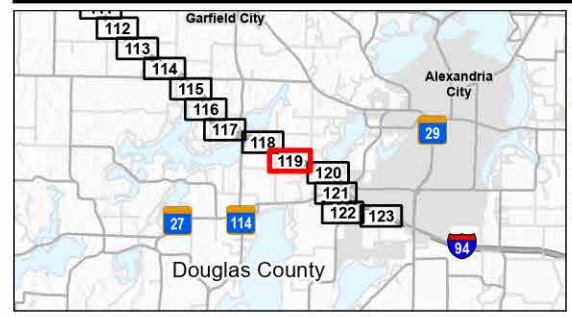
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B118**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

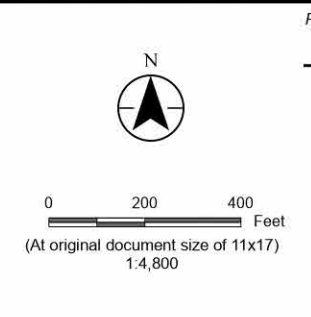


U:\227122710812203\_data\gis\_cad\gis\AcProc\Pro\pa\_amendment\pa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - County Subdivision
  - County Boundary
  - State Boundary

- Residence 300-500 Feet from Centerline
- Existing Electric Transmission Line
- Hazardous Liquid Pipelines
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory
- BWSR Conservation Easements (RIM Reserve)
- National Hydrography Dataset
- Waterbody



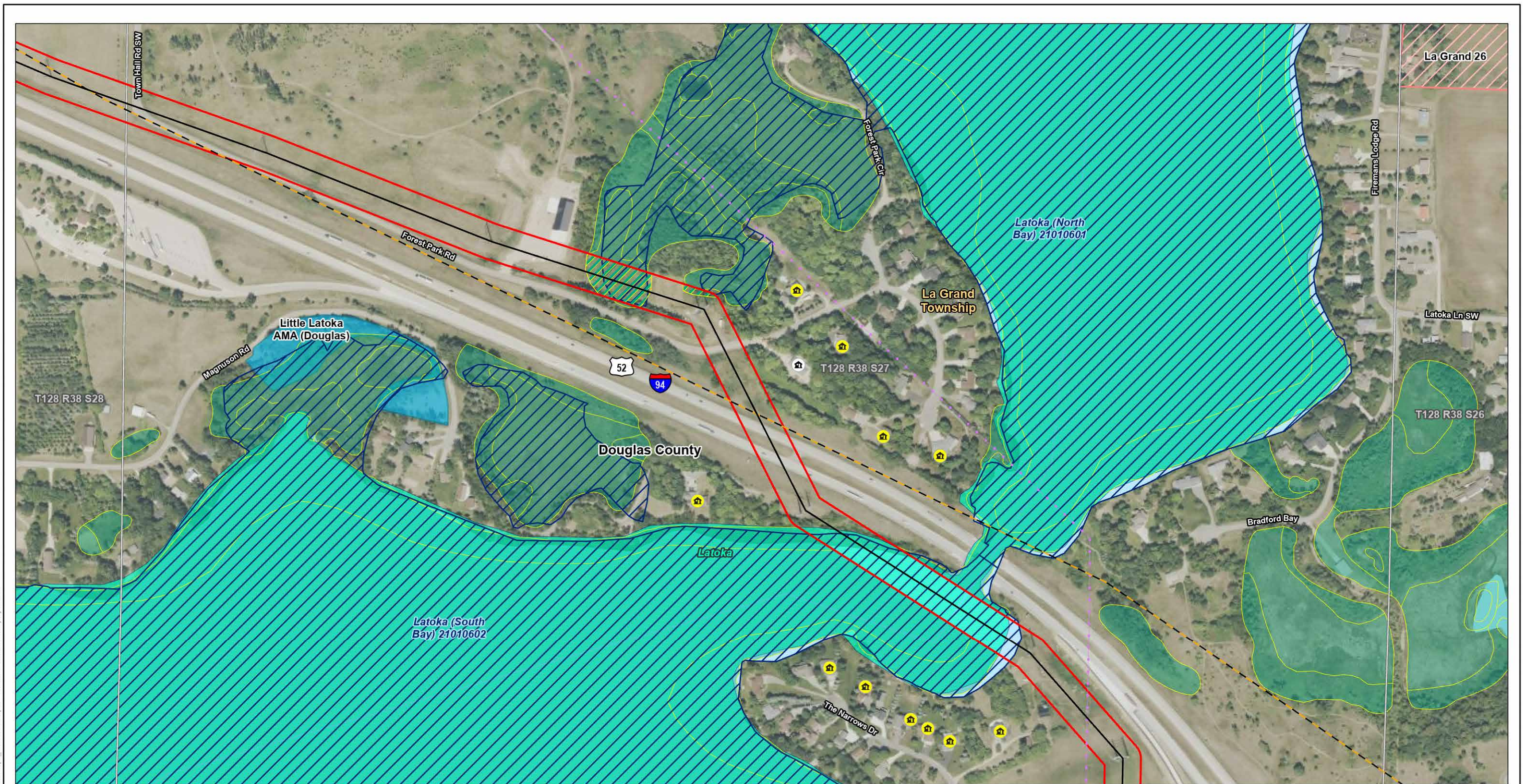
*Project Location*  
Clay, Wilkin, Otter Tail, Grant  
and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

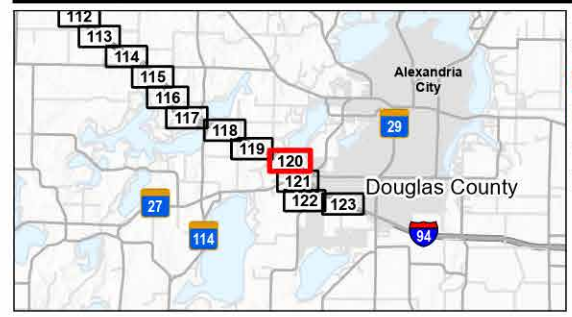
**Appendix B Map B119**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

Page 119 of 123



U:\2277\2277\081\2203\_data\gis\_cad\gis\AcPrj\pva\_amendment\pva\_amendment.aprx Revised: 2026-04-15 By: kjmueller



<b>Legend</b> Existing Transmission Line Project Area (Right-of-Way) County Subdivision County Boundary State Boundary Residence 75-300 Feet from Centerline		Residence 300-500 Feet from Centerline Existing Electric Transmission Line Hazardous Liquid Pipelines Desktop Determined Wetlands (Level 1) National Wetlands Inventory		Sites of Biodiversity Significance Below MNDNR Management Units - LRS Aquatic Management Area - AMA Lakes of Biological Significance Outstanding		<b>Minnesota Public Waters Delineations</b> Public Waters Basins National Hydrography Dataset Waterbody National Hydrography Dataset Stream	
--	--	---	--	---	--	--	--

**Project Location**  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B120**  
**Detailed Project Area Map**  
 Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
 Transmission Project  
 Route Permit Amendment

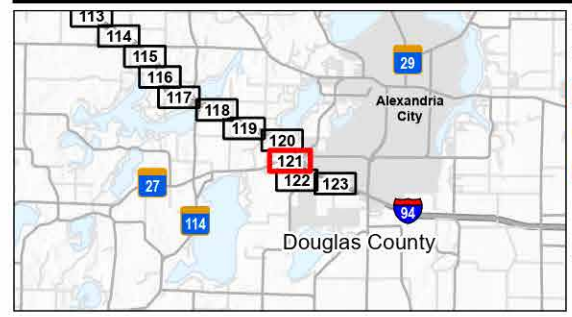
**Notes**  
 1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
 2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
 3. Background: NAIP 2023

0 200 400 Feet  
 (At original document size of 11x17)  
 1:4,800

Page 120 of 123



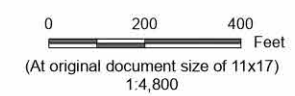
U:\2277\2277081\22703\_data\gis\arc\proppa\_amerndment\proppa\_amerndment.aprx Revised: 2026-04-15 By: kjmueller



- Legend**
- Existing Transmission Line
  - Project Area (Right-of-Way)
  - Municipality
  - County Subdivision
  - County Boundary
  - State Boundary

- Existing Electric Transmission Line
- Hazardous Liquid Pipelines
- Desktop Determined Wetlands (Level 1)
- National Wetlands Inventory

- Lakes of Biological Significance**
- Outstanding
  - Minnesota Public Waters Delineations
  - Public Waters Basins
  - National Hydrography Dataset
  - Waterbody

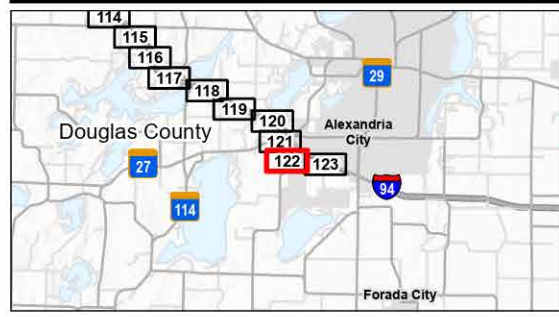
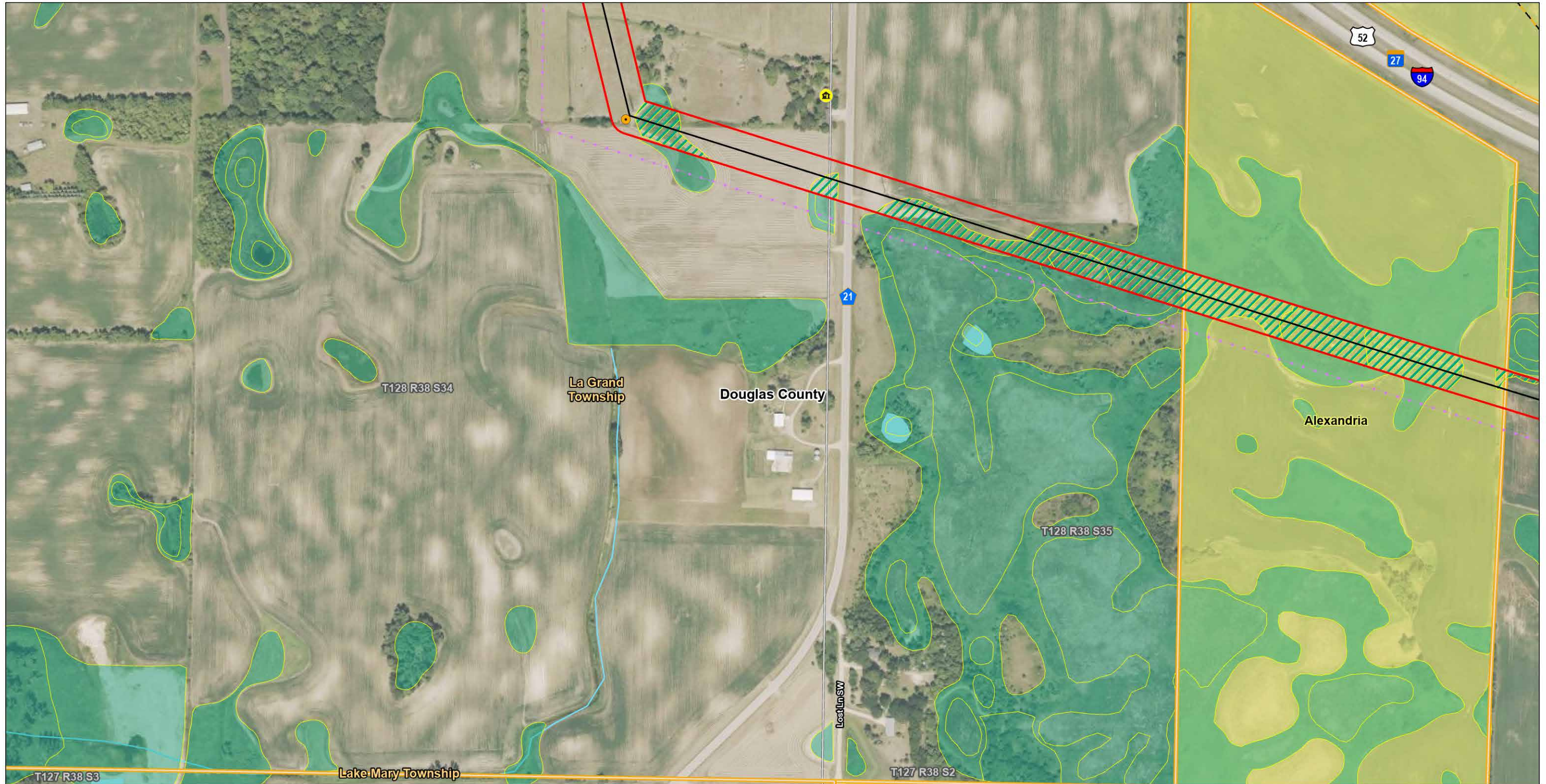


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

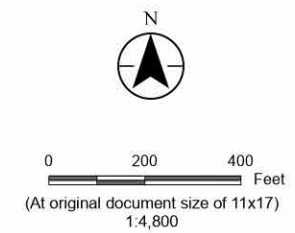
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B121**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



- Legend**
- New Foundation & Structure
  - Existing Transmission Line
  - Project Area (Right-of-Way)
  - Municipality
  - County Subdivision
  - County Boundary
  - State Boundary
  - Residence 300-500 Feet from Centerline
  - Existing Electric Transmission Line
  - Hazardous Liquid Pipelines
  - Desktop Determined Wetlands (Level 1)
  - National Wetlands Inventory
  - National Hydrography Dataset
  - Waterbody
  - Stream

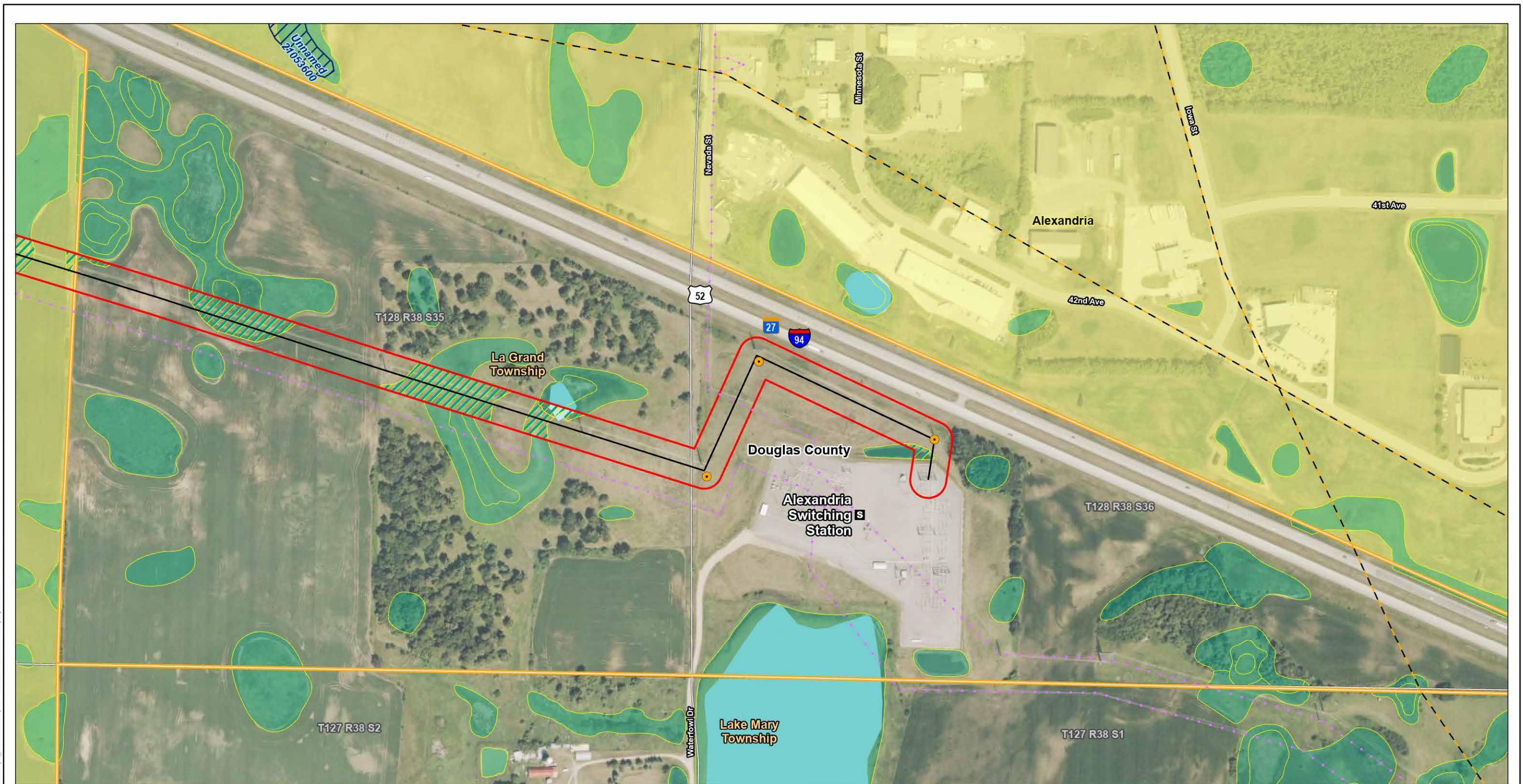


*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

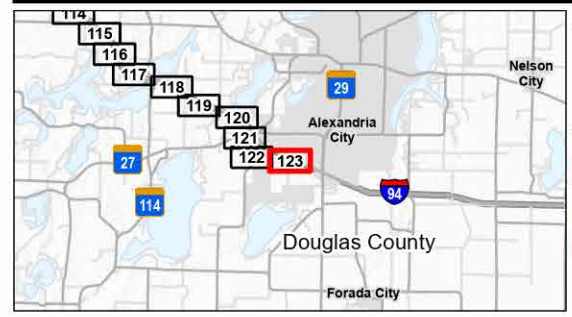
Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B122**  
**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023



U:\227\2271081\22703\_data\gis\arcpro\tpa\_amendment\tpa\_amendment.aprx Revised: 2026-04-15 By: kjmueller



**Legend**

Project Substation	County Boundary	National Wetlands Inventory
New Foundation & Structure	State Boundary	Minnesota Public Waters Delineations
Existing Transmission Line	Existing Electric Transmission Line	Public Waters Basins
Project Area (Right-of-Way)	Hazardous Liquid Pipelines	National Hydrography Dataset
Municipality	Desktop Determined Wetlands (Level 1)	Waterbody
County Subdivision		

*Project Location*  
Clay, Wilkin, Otter Tail, Grant and Douglas Counties, Minnesota

Prepared by KJM on 2026-04-15  
TR by AR on 2026-01-13  
IR by NP on 2026-01-13

**Appendix B Map B123**

**Detailed Project Area Map**  
Bison-Alexandria 345 kV 2<sup>nd</sup> Circuit  
Transmission Project  
Route Permit Amendment

Notes  
1. Coordinate System: NAD 1983 StatePlane Minnesota Central FIPS 2202 Feet  
2. Data Sources: Xcel, Stantec, MnDOT, MNDNR, USCB, USFWS, USGS  
3. Background: NAIP 2023

0 200 400 Feet  
(At original document size of 11x17)  
1:4,800

Page 123 of 123