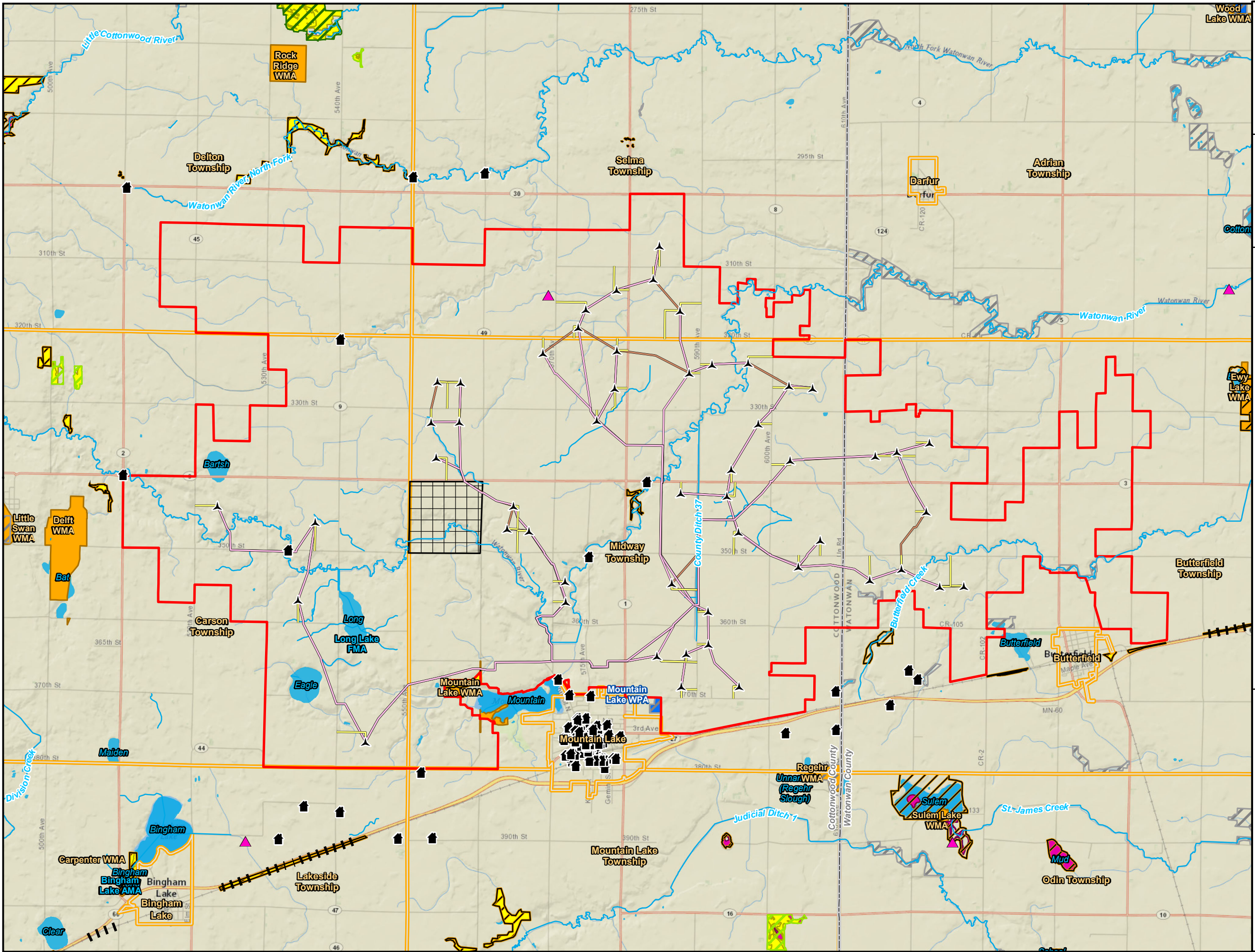


- ▲ Proposed Turbine
 - Architectural/Historic Resource
 - ▲ Eagle Nest
 - Access Road
 - Collection Line
 - Crane Path
 - ▭ Project Area Boundary
 - River/Stream
 - Lake, Pond or Reservoir
 - ▭ City/Township
 - ▭ County Boundary
 - ▭ Archaeological Site in Section
 - ▭ Railroad ROW Prairie
 - ▭ Native Prairie
 - ▭ Native Plant Community
 - ▭ Wildlife Management Area (WMA)
 - ▭ Waterfowl Production Area (WPA)
 - ▭ Aquatic Management Area (AMA)
 - Sites of Biodiversity Significance**
 - ▭ Outstanding
 - ▭ High
 - ▭ Moderate
 - ▭ Below
- *Turbines not to scale

Figure 11
Unique Natural Features

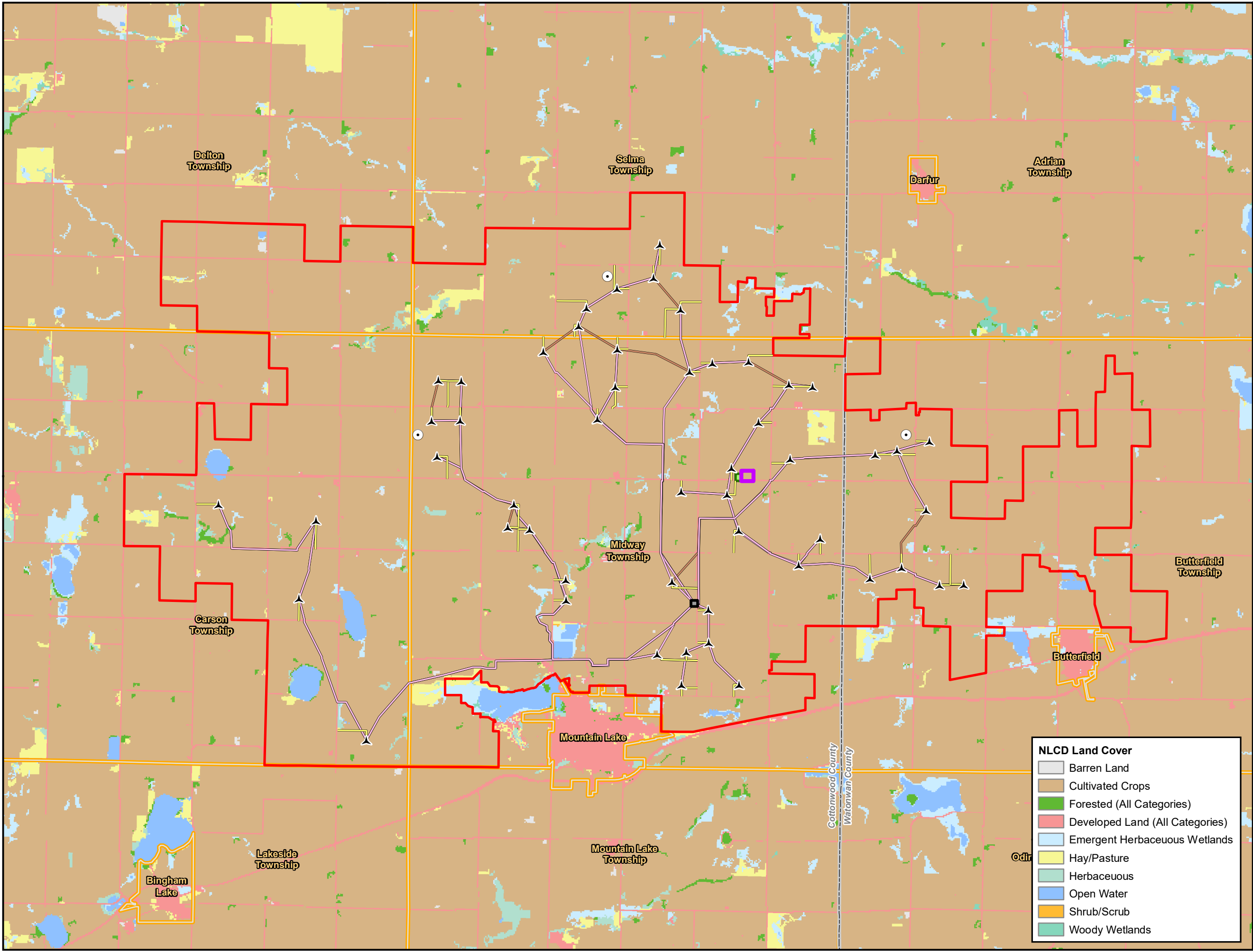
Big Bend Wind Project

Cottonwood and Watonwan Counties, Minnesota

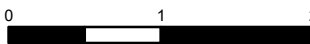
For Environmental Review Purposes Only

Date: 6/16/2021 Source: Z:\Clients\A_D\Apex\Big Bend\Site_Permit\Figures\Fig11_BB_Unique_Natural_Features.mxd





Cottonwood County Watonwan County Minnesota



0 1 2
Miles
1:80,000



N

Data Source: Apex Energy, US Census, MDOT, FSA 2017 Imagery

 Proposed Turbine

 Met Tower

 Project Area Boundary

 City/Township

 County Boundary

 Access Road

 Collection Line

 Crane Path

 Laydown Area

 Wind Project Substation

 O&M Facility

*Turbines not to scale

Figure 12
Land Cover

Big Bend Wind Project
Cottonwood and Watonwan Counties, Minnesota

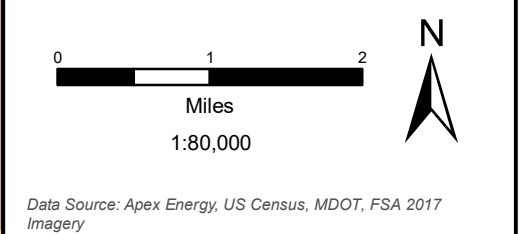
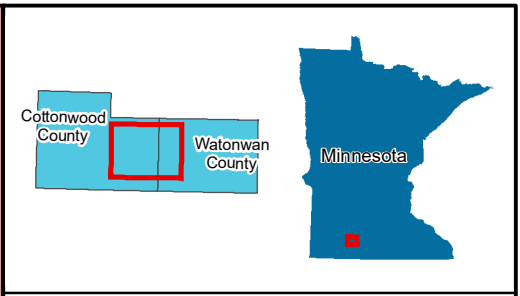
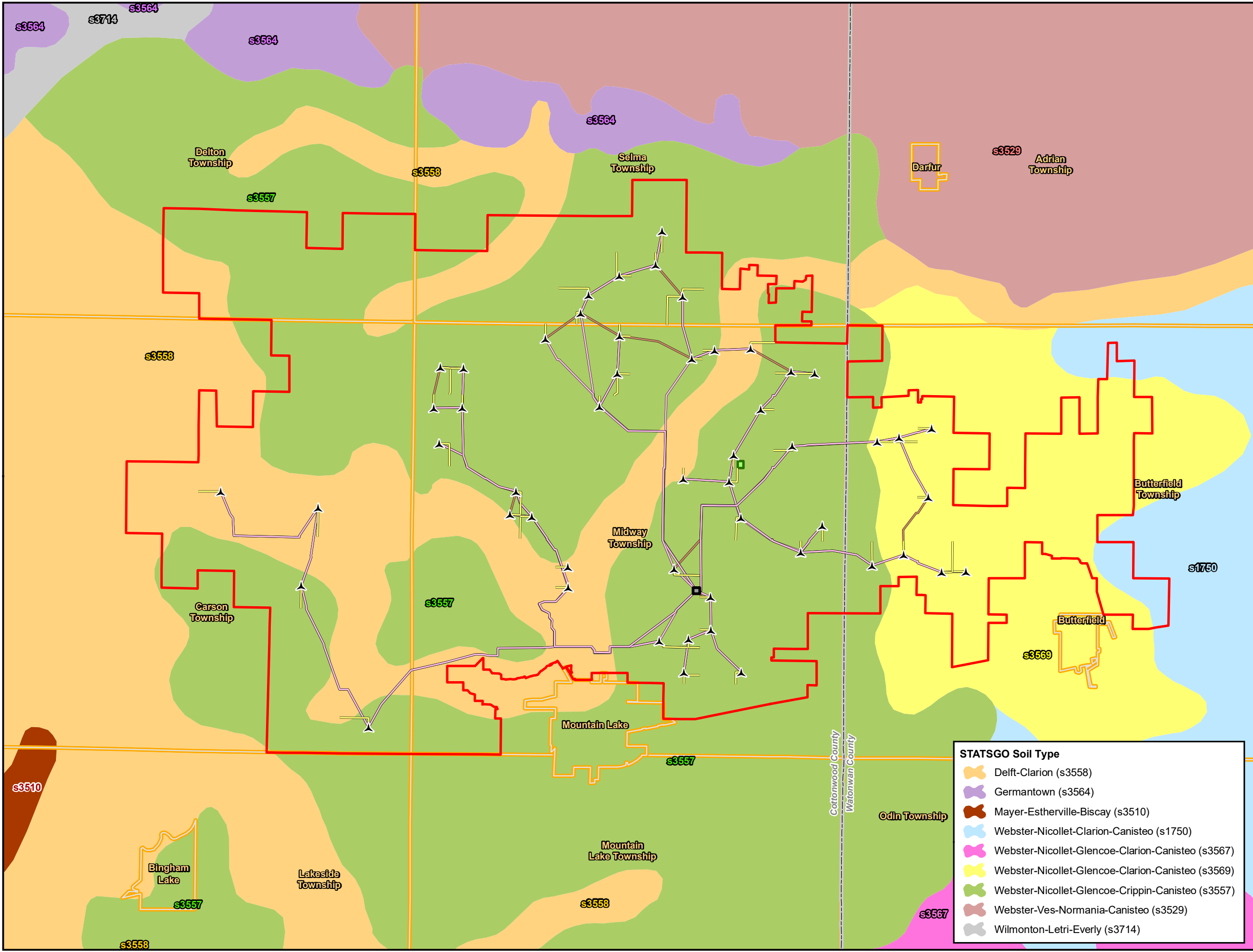


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- ▲ Proposed Turbine
 - Access Road
 - Collection Line
 - Crane Path
 - Wind Project Substation
 - O&M Facility
 - ▭ Project Area Boundary
 - ▭ City/Township
 - ▭ County Boundary
- *Turbines not to scale

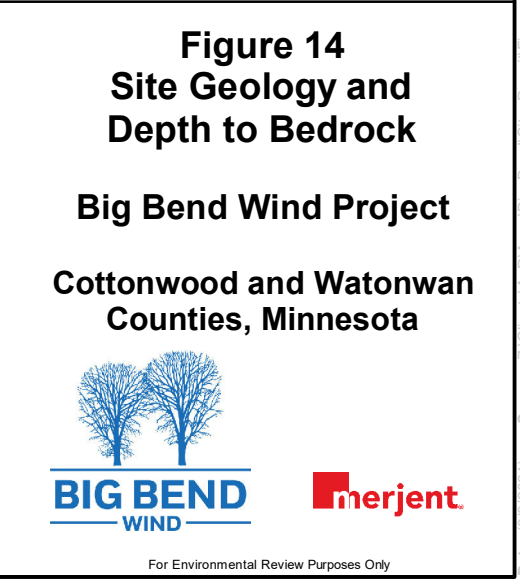
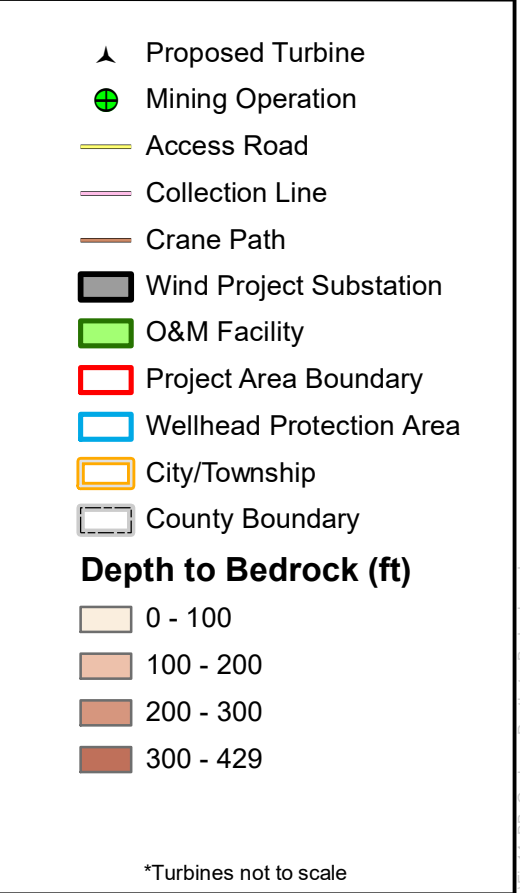
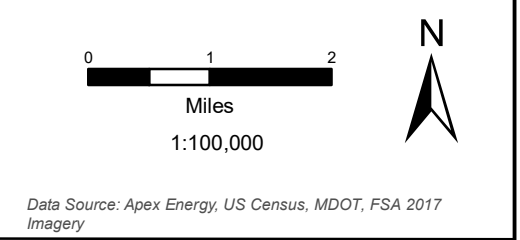
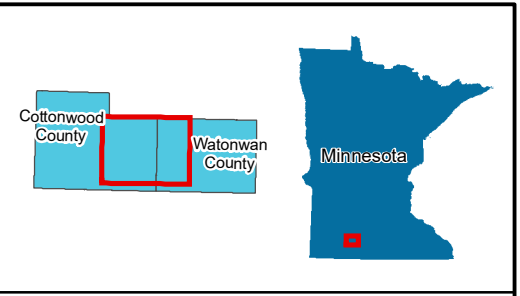
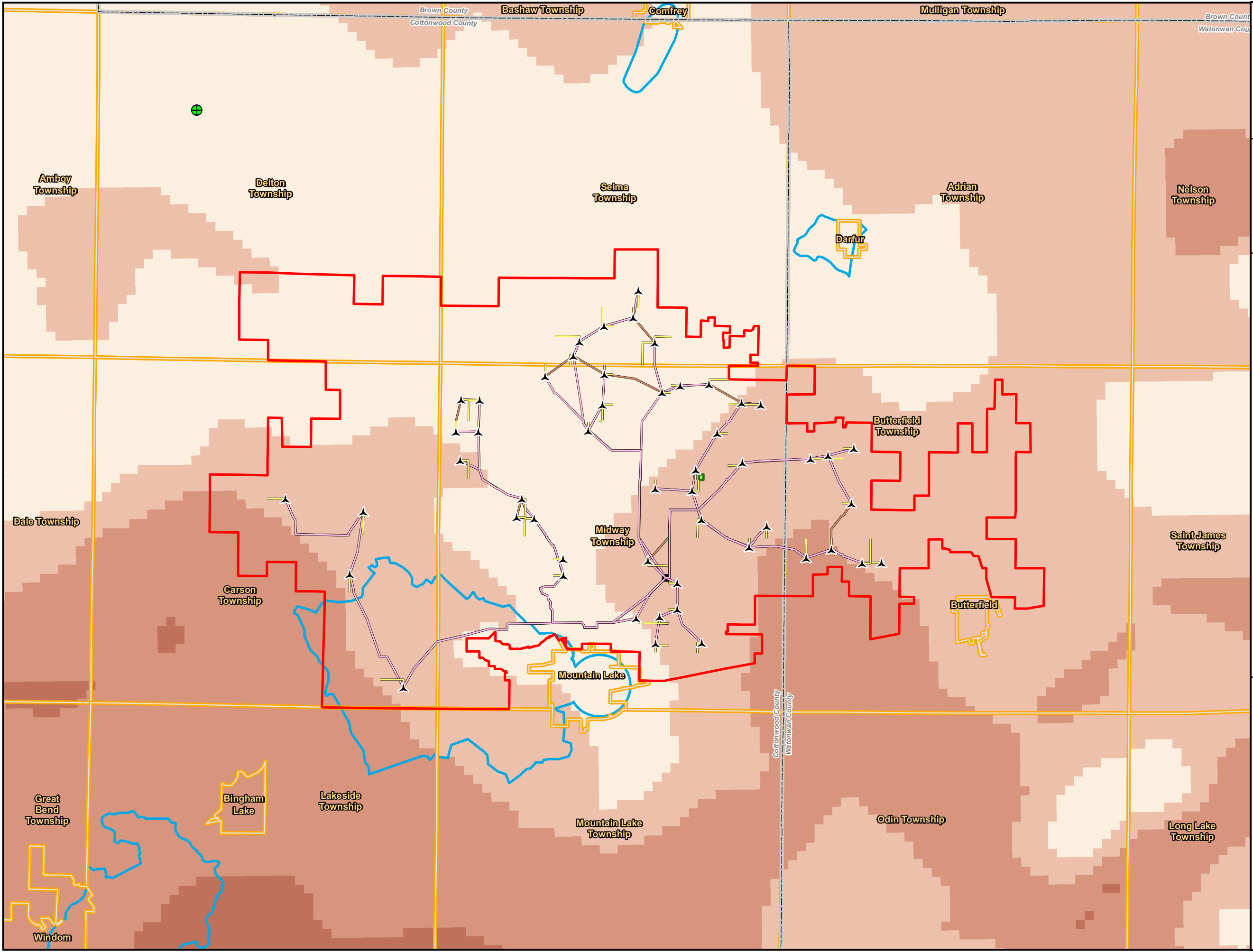
Figure 13
Soils

Big Bend Wind Project
Cottonwood and Watonwan
Counties, Minnesota

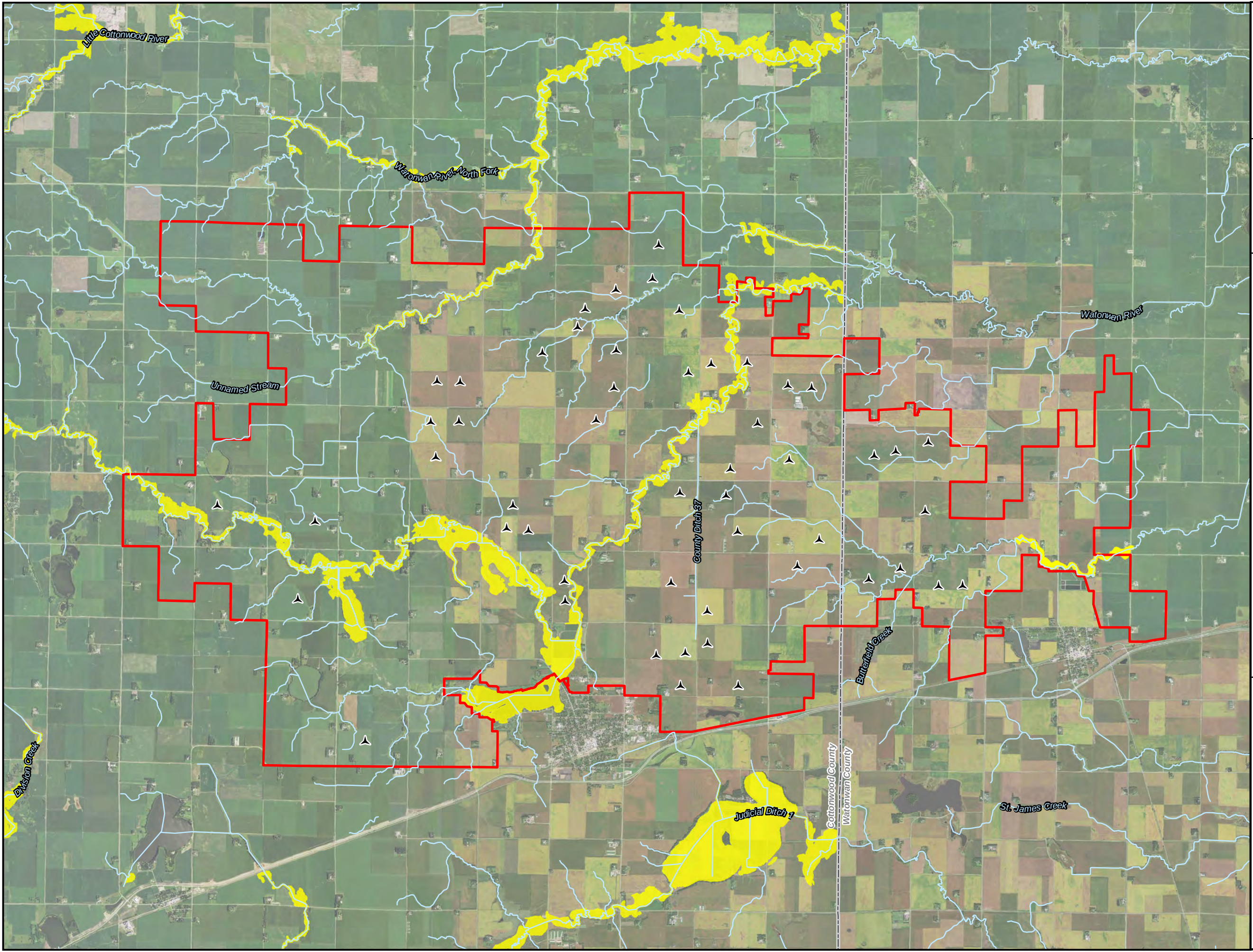
For Environmental Review Purposes Only

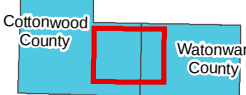
- STATSGO Soil Type**
- Delft-Clarion (s3558)
 - Germantown (s3564)
 - Mayer-Estherville-Biscay (s3510)
 - Webster-Nicollet-Clarion-Canisteo (s1750)
 - Webster-Nicollet-Glencoe-Clarion-Canisteo (s3567)
 - Webster-Nicollet-Glencoe-Clarion-Canisteo (s3569)
 - Webster-Nicollet-Glencoe-Crippin-Canisteo (s3557)
 - Webster-Ves-Normanina-Canisteo (s3529)
 - Wilmonton-Letri-Everly (s3714)

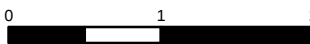
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Date: (9/9/2021) Source: Z:\Clients\A_D\Apex\Big_Bend\Sie_Permit\Figures\Fig14_BB_Geology_Depth_to_Bedrock.mxd







Miles
1:80,000



Data Source: Apex Energy, US Census, MDOT, FSA 2017 Imagery

▲ Proposed Turbine

▭ Project Area Boundary

▭ City/Township

▭ County Boundary

~ River/Stream

■ 100 Year Floodplain

*Turbines not to scale

Figure 16 FEMA Floodplain

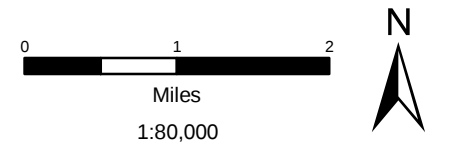
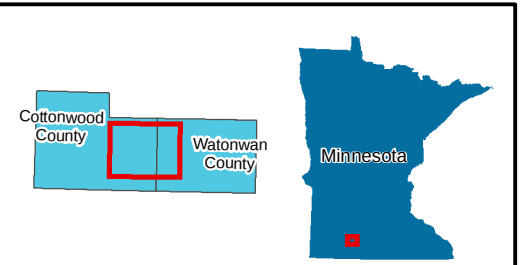
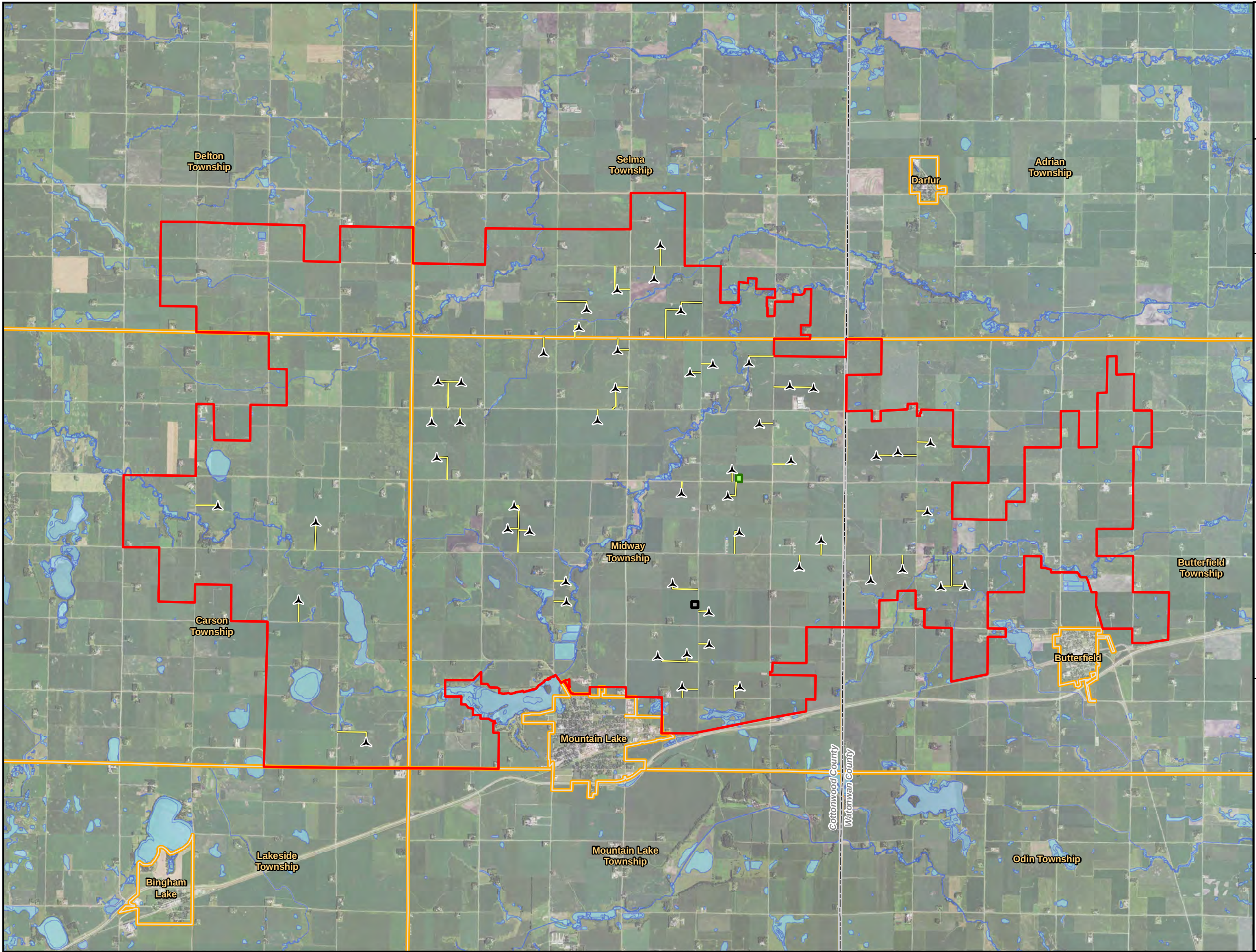
Big Bend Wind Project

Cottonwood and Watonwan
Counties, Minnesota



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Date: (9/16/2021) Source: Z:\Clients\A_DVA\BigBend\Permit\Figures\Fig16_BB_FEMA_Floodplain.mxd

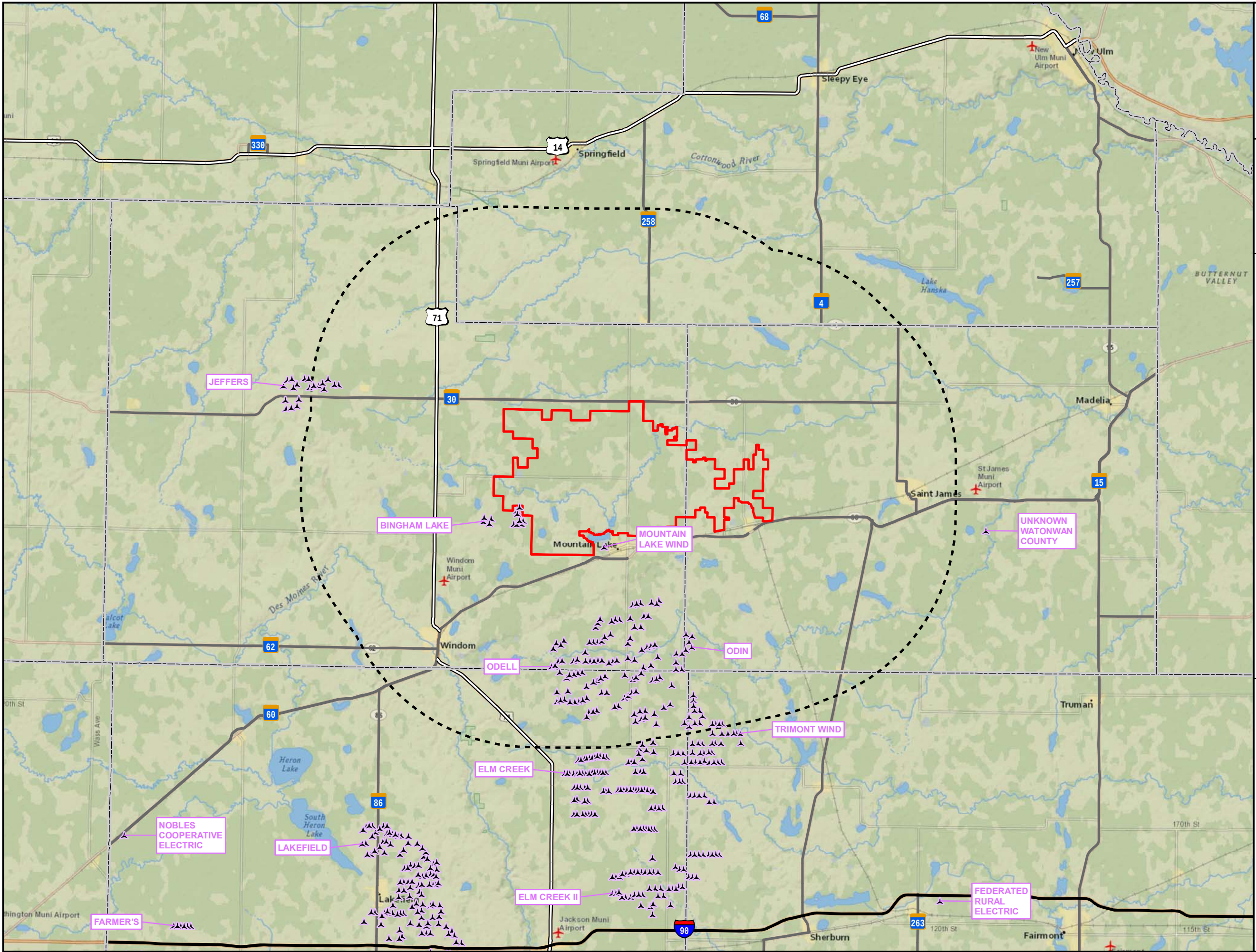


Data Source: Apex Energy, US Census, MDOT, FSA 2017 Imagery

- ▲ Proposed Turbine
- Access Road
- Wind Project Substation
- O&M Area
- ▭ Project Area Boundary
- ▭ City/Township
- ▭ County Boundary
- NWI (MNDNR Update)

*Turbines not to scale

Figure 17
Wetlands Inventory
Big Bend Wind Project
Cottonwood and Watonwan
Counties, Minnesota





0 1 2 3 4 5 6 7
Miles
1:300,000

Data Source: Apex Energy, US Census, MDOT, FSA 2017 Imagery

- Existing Turbine
- 10-Mile Buffer
- Project Area Boundary
- County Boundary

*Turbines not to scale

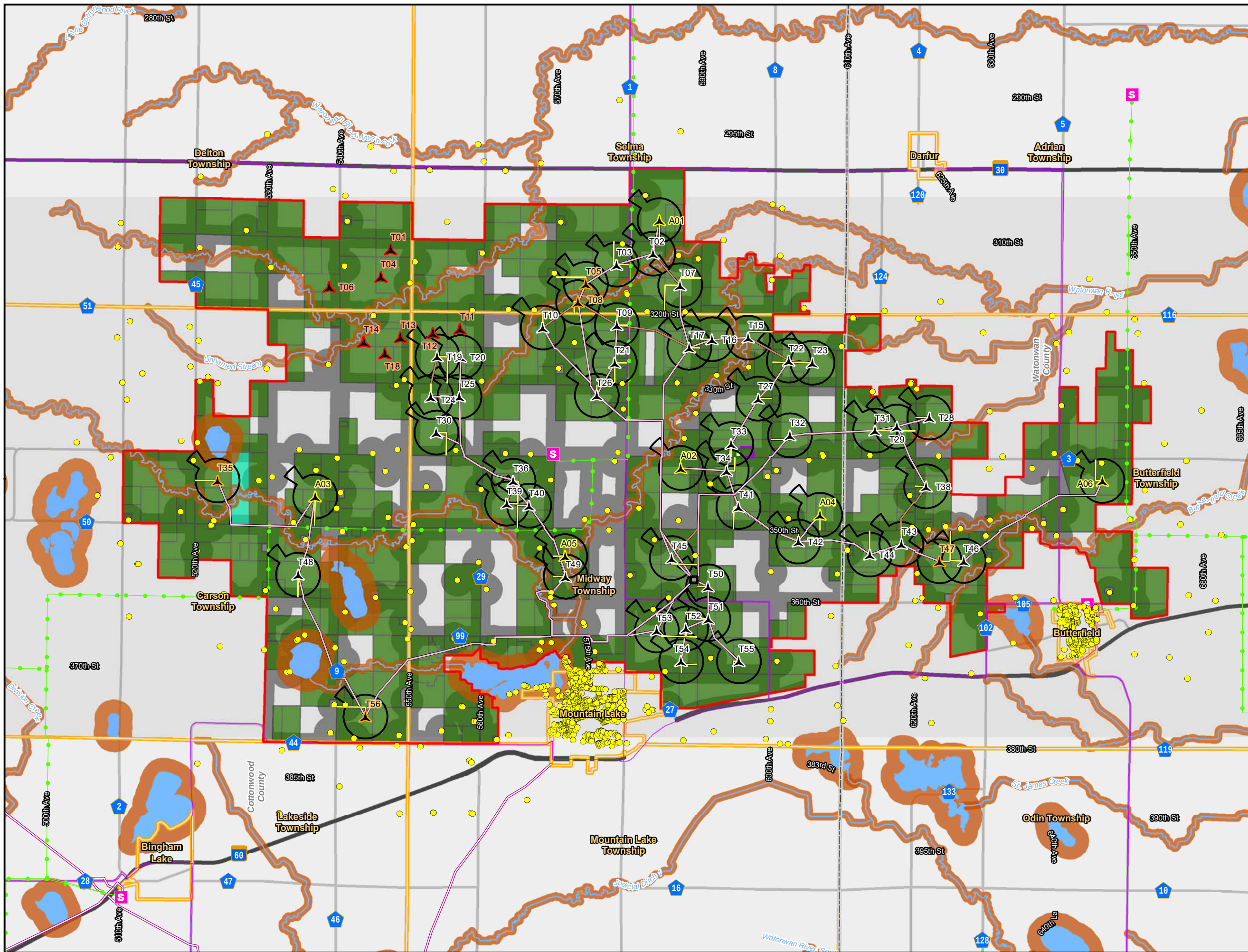
Figure 18
Existing Turbine Locations

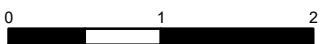
Big Bend Wind Project

Cottonwood and Watonwan Counties, Minnesota



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Miles
1:80,000

0 1 2

N

Data Source: Apex Energy, US Census, MDOT, MDNR

- ▲ Proposed Turbine - No Change
- ▲ Proposed Turbine - Shifted up to 605 feet
- ▲ Proposed Turbine - New
- ▲ Removed Turbine
- Residential Structure (within 1 mile of Project Area Boundary)
- Existing Substation
- Access Road
- Collection Line
- Crane Path
- Existing Transmission Line
- Existing Pipeline
- Snowmobile Trail
- Laydown
- Wind Project Substation
- O&M Area
- Wind Access Buffer
- Project Area Boundary
- Public Water Basin
- Public Water Watercourse
- Participating Parcel
- Pending Participating Parcel
- Shoreland Management Area
- Setbacks
- City/Township
- County Boundary

*Turbines not to scale

Figure 19 Summary of Turbine Layout Changes

Big Bend Wind Project

Cottonwood and Watonwan Counties, Minnesota



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