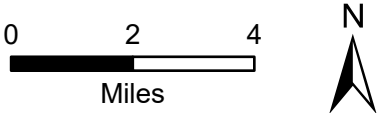
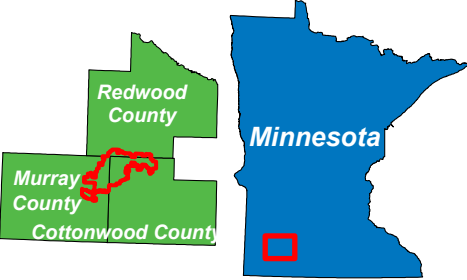
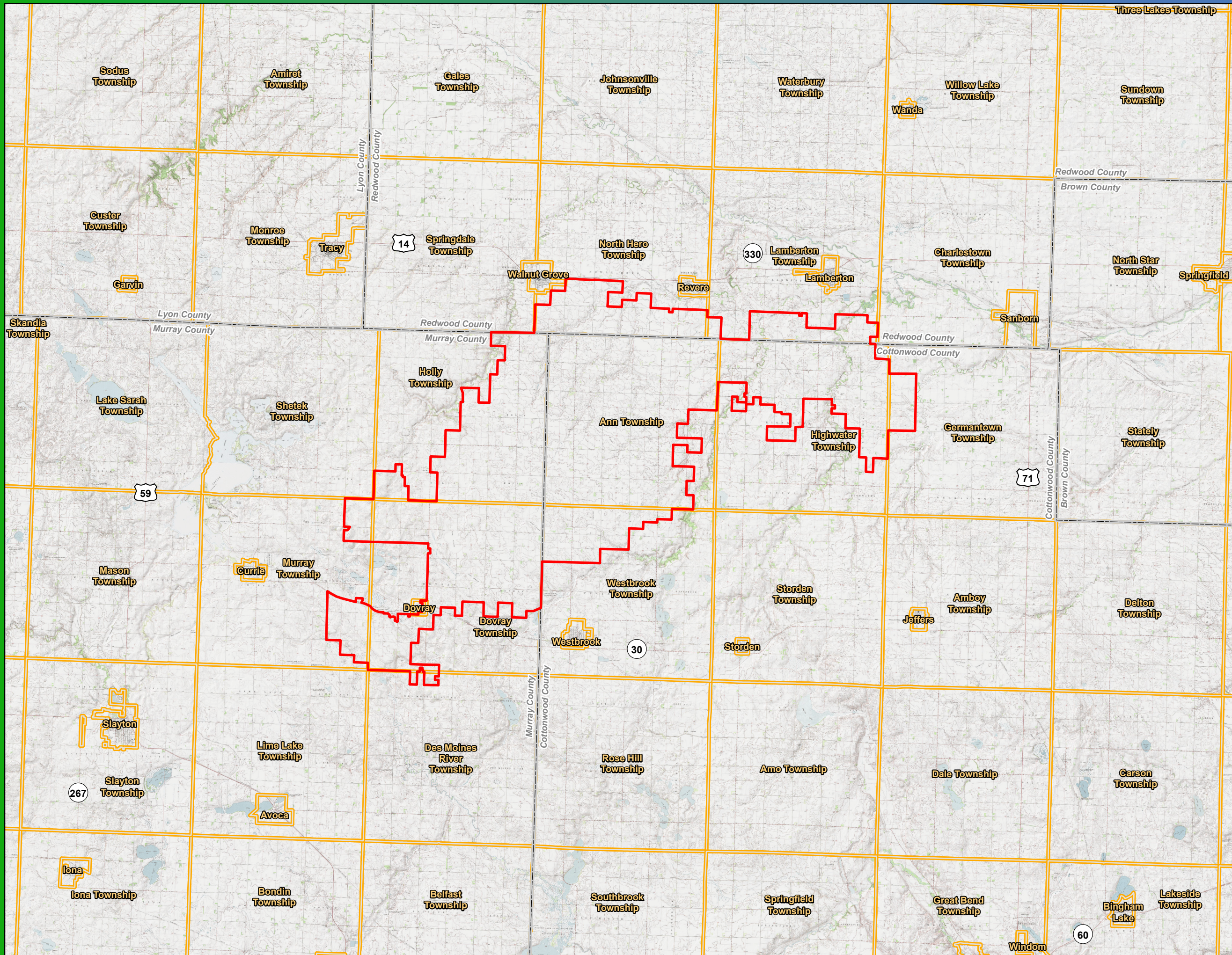


Maps



Service Layer Credits: 2013 National Geographic Society, i-cubed
Data Source: National Grid Renewables, USGS, US Census

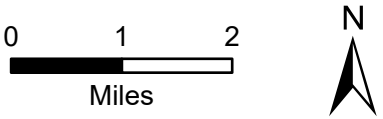
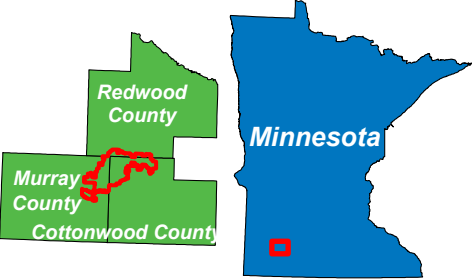
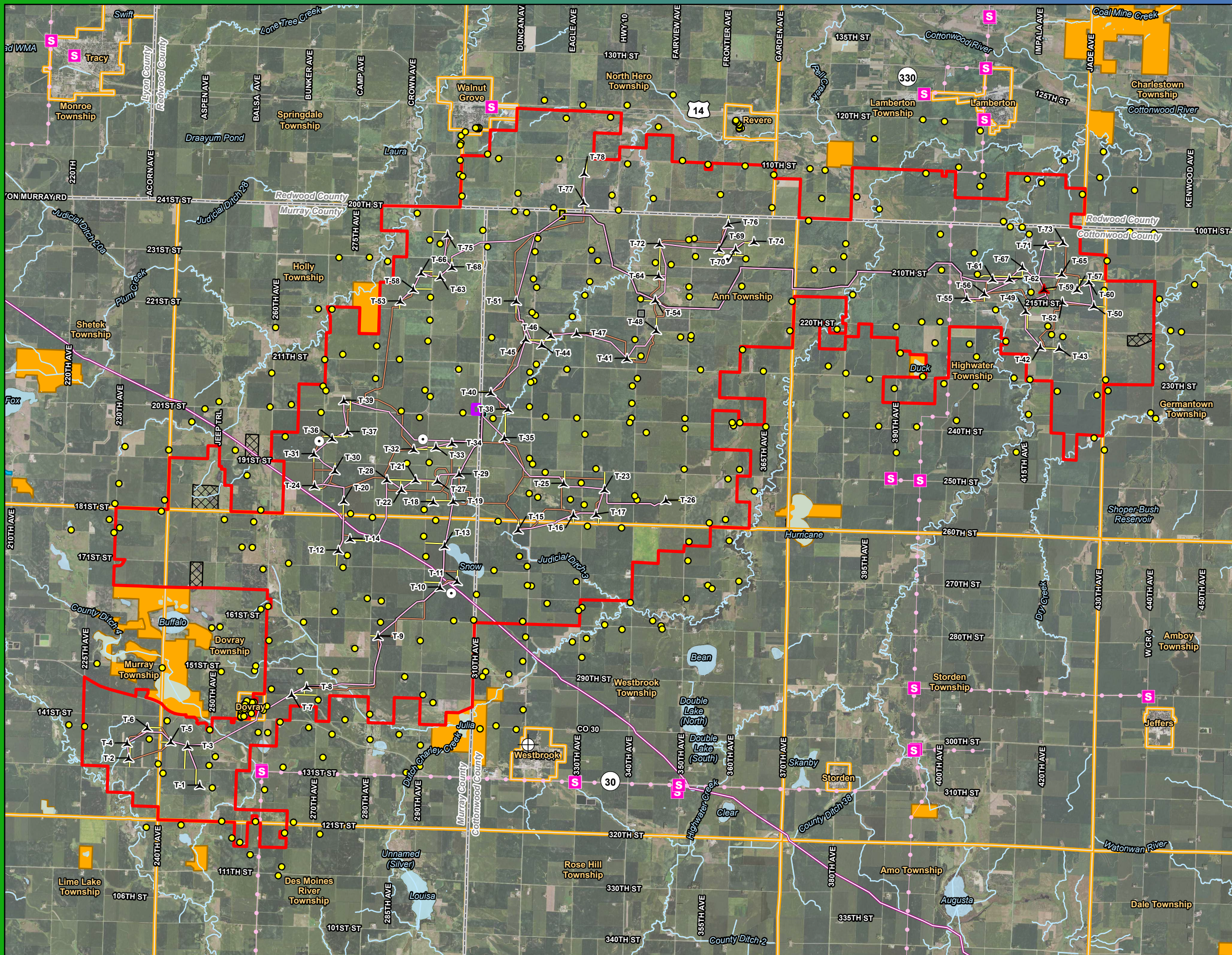
- Project Area Boundary
- City/Township
- County Boundary

Map 1
Project Location

Plum Creek Wind Project

Redwood, Murray, and
Cottonwood Counties, MN





Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census, MDNR, ESRI, USFWS

- ▲ GE154 Proposed Turbine (Primary)
- ▲ GE154 Alternate Turbine (Alternate)
- Access Road
- Collection Line
- Crane Path
- Permanent Met Tower
- Residential Structure (within 1 mile of Project Area)
- ✈ Helipoint
- Existing Substation
- Existing Pipeline
- Existing Transmission Line
- Laydown Area
- Revised Collector Substation 1
- Collector Substation 2/ O&M Facility
- Ordered Collector Substation 1
- Project Area Boundary
- City/Township
- County Boundary
- River/Stream
- Lake, Pond or Reservoir
- Minnesota Walk-In Hunting Access Sites
- Wildlife Management Area (WMA)
- Aquatic Management Area (AMA)

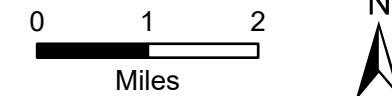
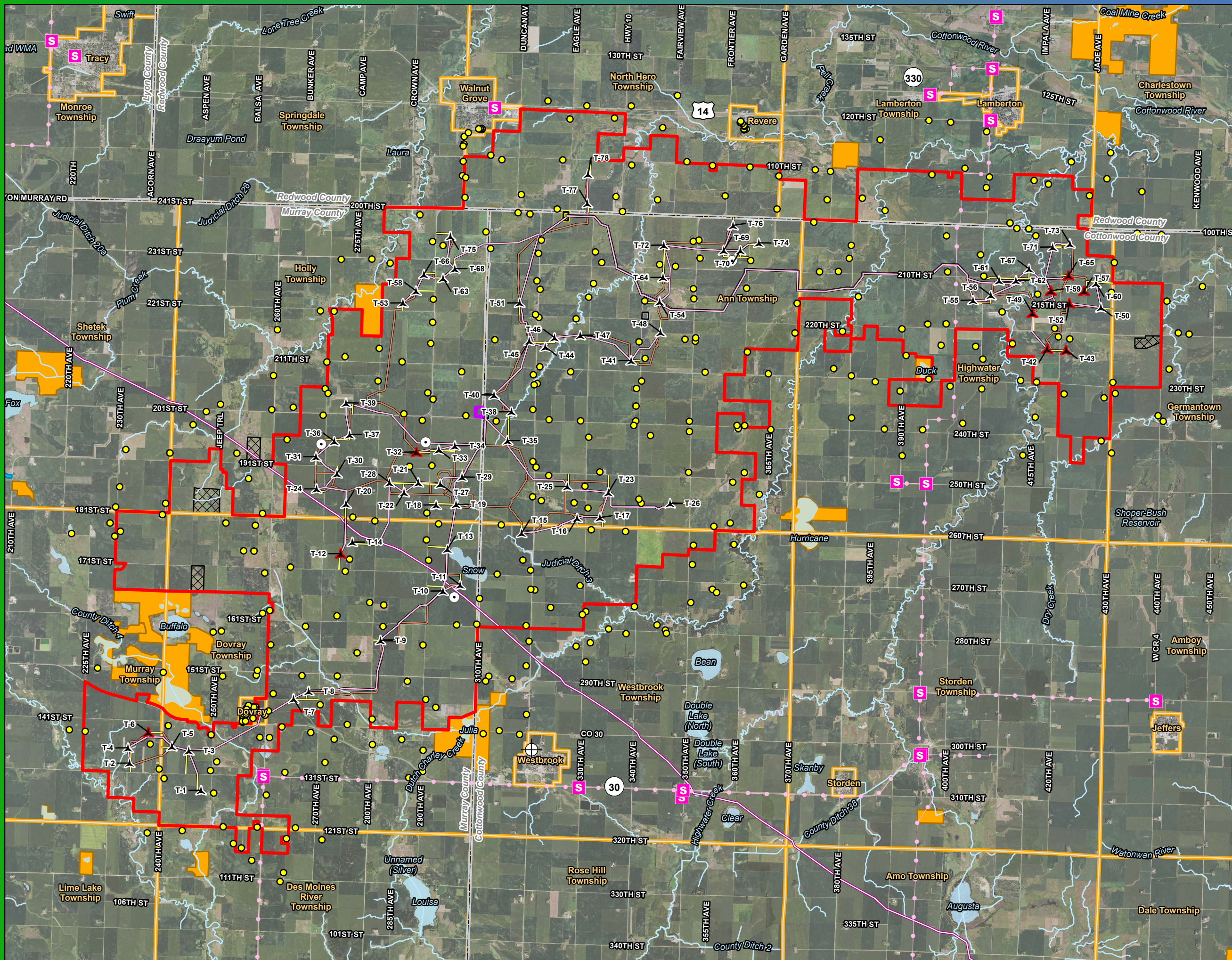
*Turbines not to scale

Map 2a Project Area and Facilities GE 3.8-154

Plum Creek Wind Project

Redwood, Murray, and
Cottonwood Counties, MN





Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census, MDNR, ESRI, USFWS

- GE158 Proposed Turbine (Primary)
- GE158 Alternate Turbine (Alternate)
- Access Road
- Collection Line
- Crane Path
- Permanent Met Tower
- Residential Structure (within 1 mile of Project Area)
- Helipoint
- Existing Substation
- Existing Pipeline
- Existing Transmission Line
- Laydown Area
- Revised Collector Substation 1
- Collector Substation 2/ O&M Facility
- Ordered Collector Substation 1
- Project Area Boundary
- City/Township
- County Boundary
- River/Stream
- Lake, Pond or Reservoir
- Minnesota Walk-In Hunting Access Sites
- Wildlife Management Area (WMA)
- Aquatic Management Area (AMA)

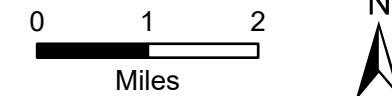
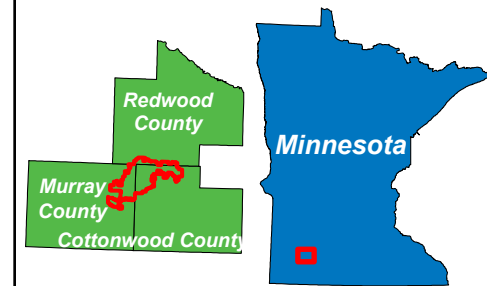
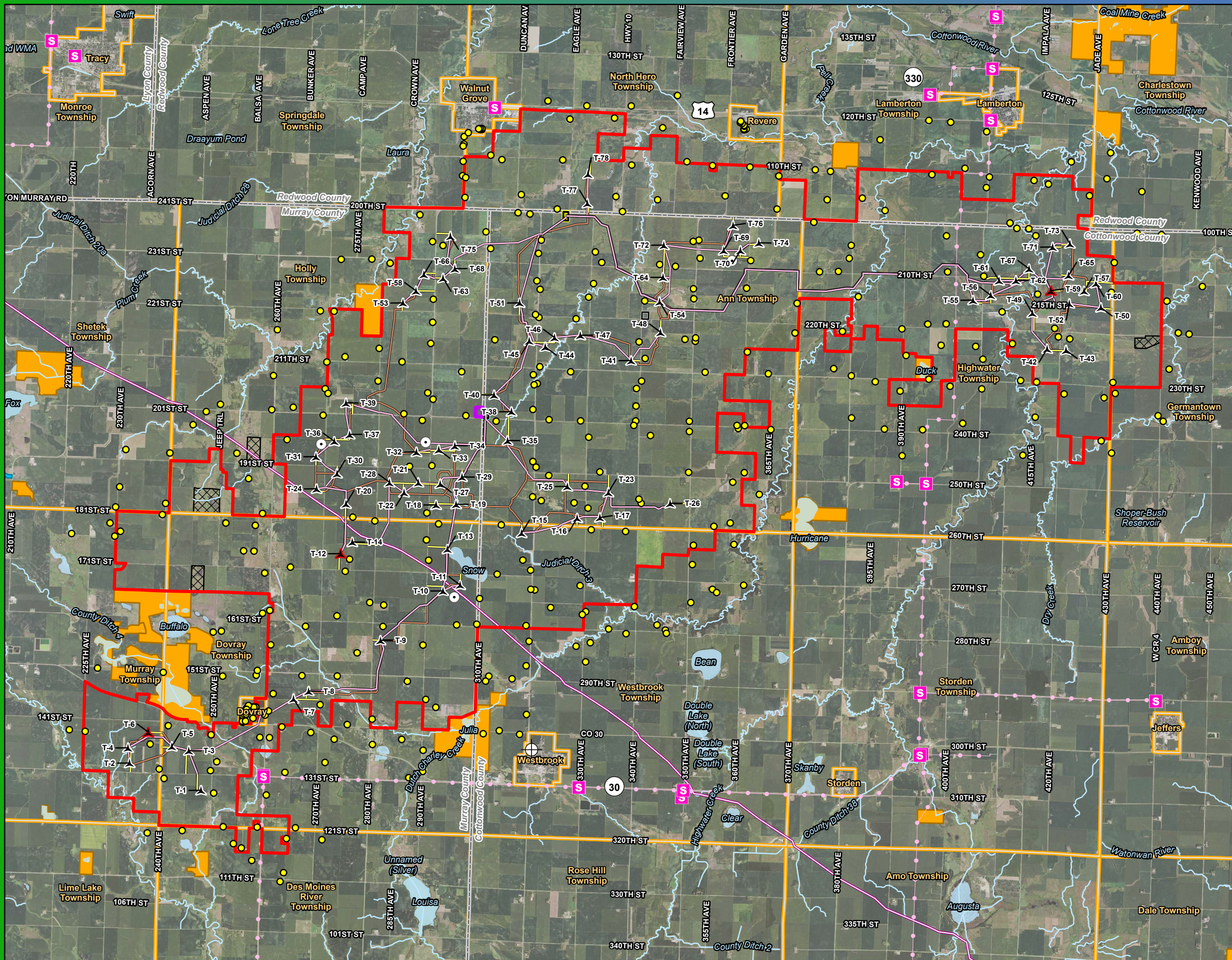
*Turbines not to scale

Map 2b Project Area and Facilities GE 6.1-158

Plum Creek Wind Project

Redwood, Murray, and
Cottonwood Counties, MN





Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census, MDNR, ESRI, USFWS

- ▲ V150 Proposed Turbine (Primary)
- ▲ V150 Alternate Turbine (Alternate)
- Access Road
- Collection Line
- Crane Path
- Permanent Met Tower
- Residential Structure (within 1 mile of Project Area)
- ⊙ Heliport
- Existing Substation
- Existing Pipeline
- Existing Transmission Line
- Laydown Area
- Revised Collector Substation 1
- Collector Substation 2/ O&M Facility
- Ordered Collector Substation 1
- Project Area Boundary
- City/Township
- County Boundary
- River/Stream
- Lake, Pond or Reservoir
- Minnesota Walk-In Hunting Access Sites
- Wildlife Management Area (WMA)
- Aquatic Management Area (AMA)

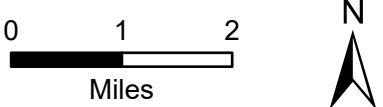
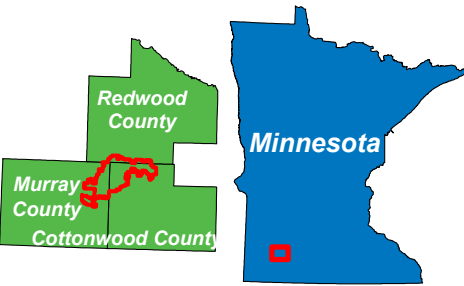
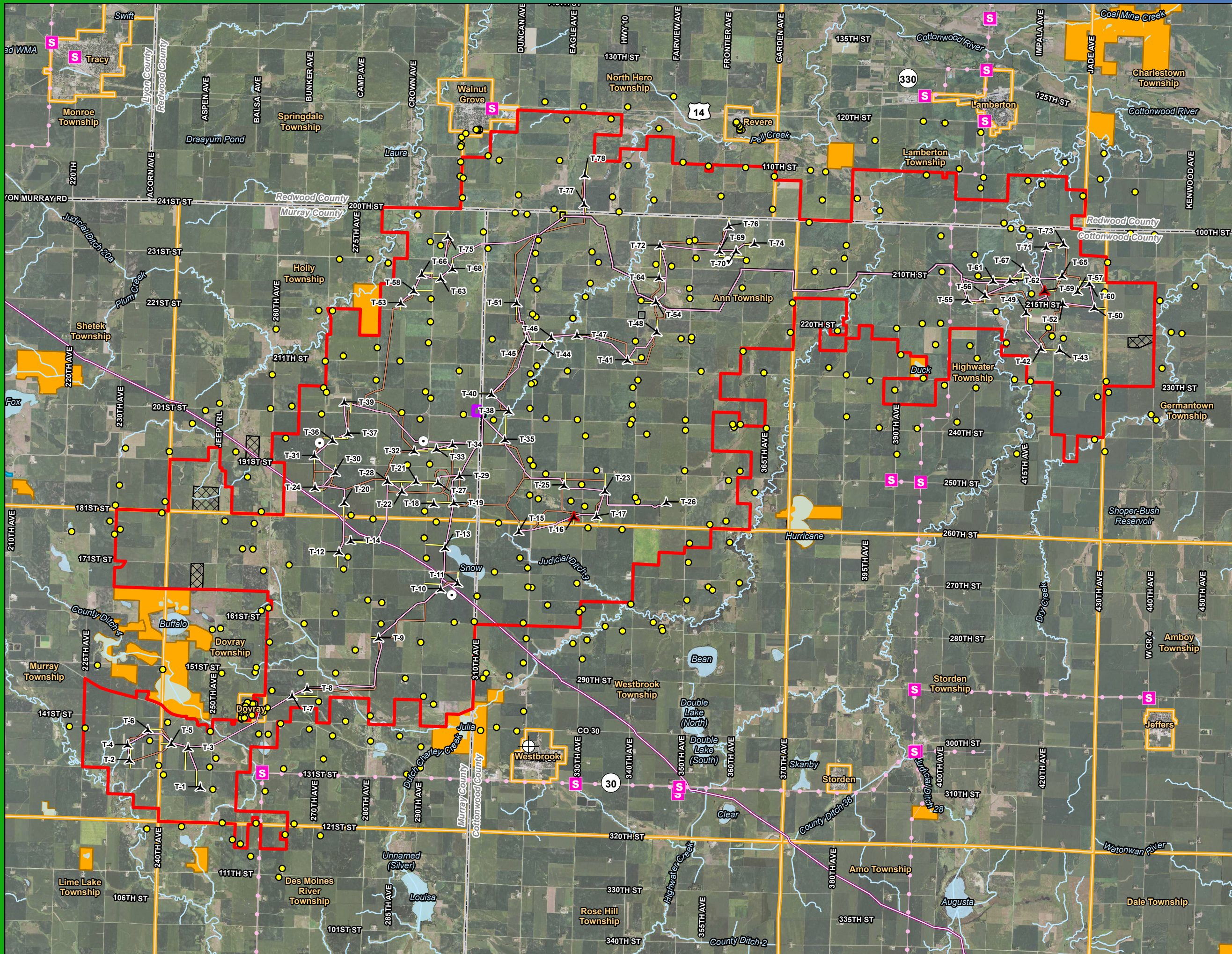
*Turbines not to scale

Map 2c
Project Area and Facilities
Vestas V150-4.5

Plum Creek Wind Project

Redwood, Murray, and
Cottonwood Counties, MN





Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census, MDNR, ESRI, USFWS

- ▲ V163 Proposed Turbine (Primary)
- ▲ V163 Alternate Turbine (Alternate)
- Access Road
- Collection Line
- Crane Path
- Permanent Met Tower
- Residential Structure (within 1 mile of Project Area)
- ✈ Heliport
- Existing Substation
- Existing Pipeline
- Existing Transmission Line
- Laydown Area
- Revised Collector Substation 1
- Collector Substation 2/ O&M Facility
- Ordered Collector Substation 1
- Project Area Boundary
- City/Township
- County Boundary
- River/Stream
- Lake, Pond or Reservoir
- Minnesota Walk-In Hunting Access Sites
- Wildlife Management Area (WMA)
- Aquatic Management Area (AMA)

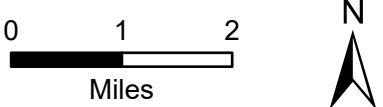
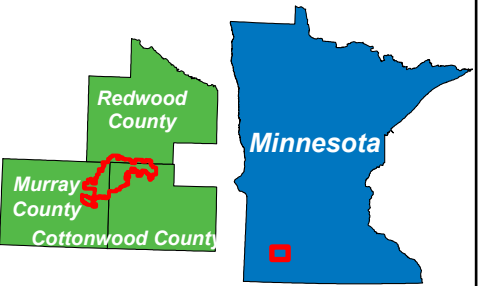
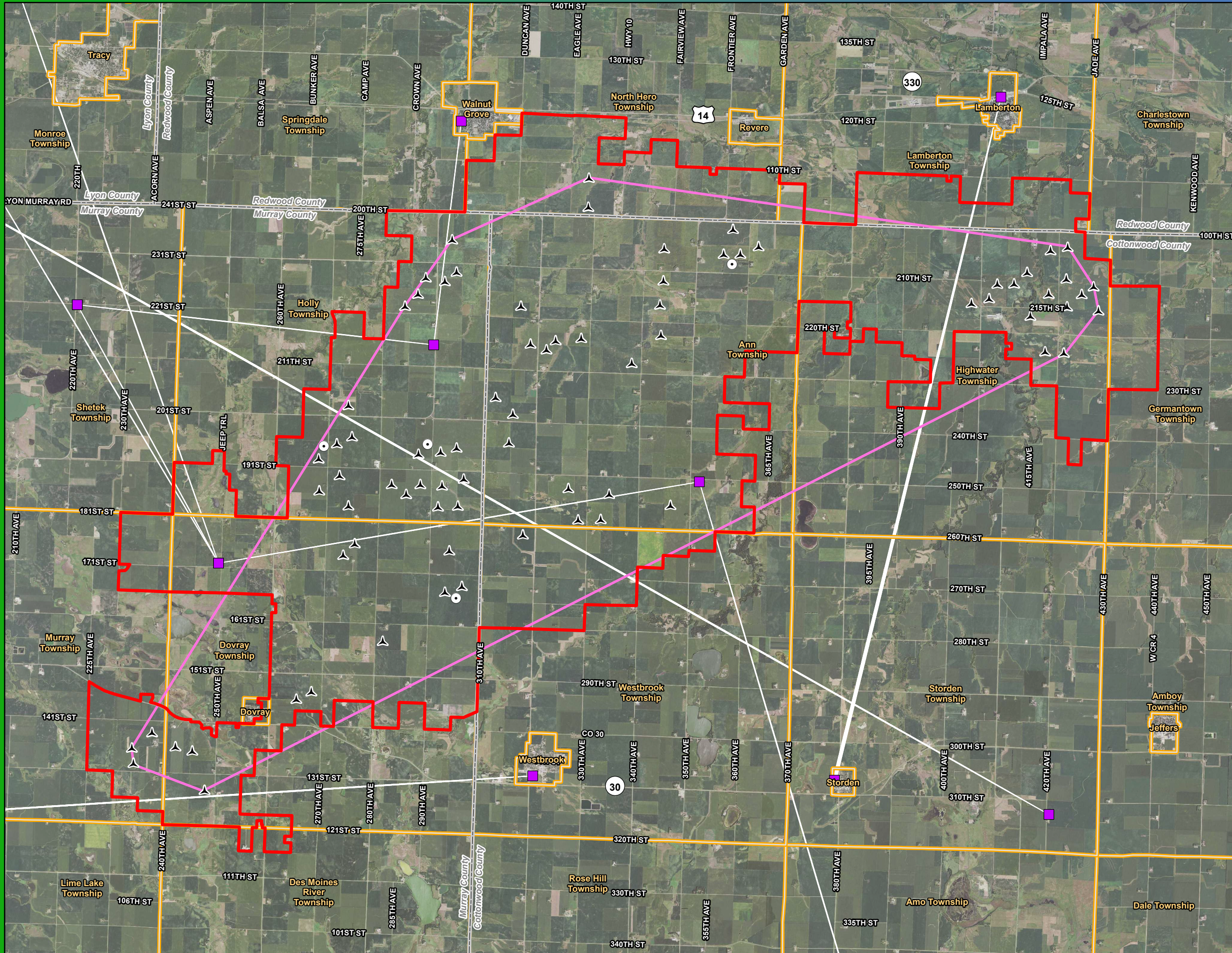
*Turbines not to scale

Map 2d Project Area and Facilities Vestas V163-4.5

Plum Creek Wind Project

Redwood, Murray, and
Cottonwood Counties, MN





Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census

- ▲ Proposed Turbine
- Permanent Met Tower
- Temporary Met Tower
- Communication Tower
- ▭ Project Area Boundary
- ▭ Bounding Box
- ▭ Microwave Beam Path (Worst Case Freznl Zone)
- ▭ City/Township
- ▭ County Boundary

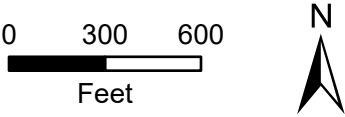
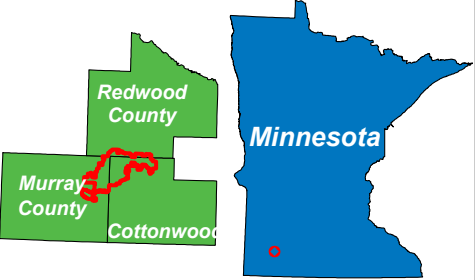
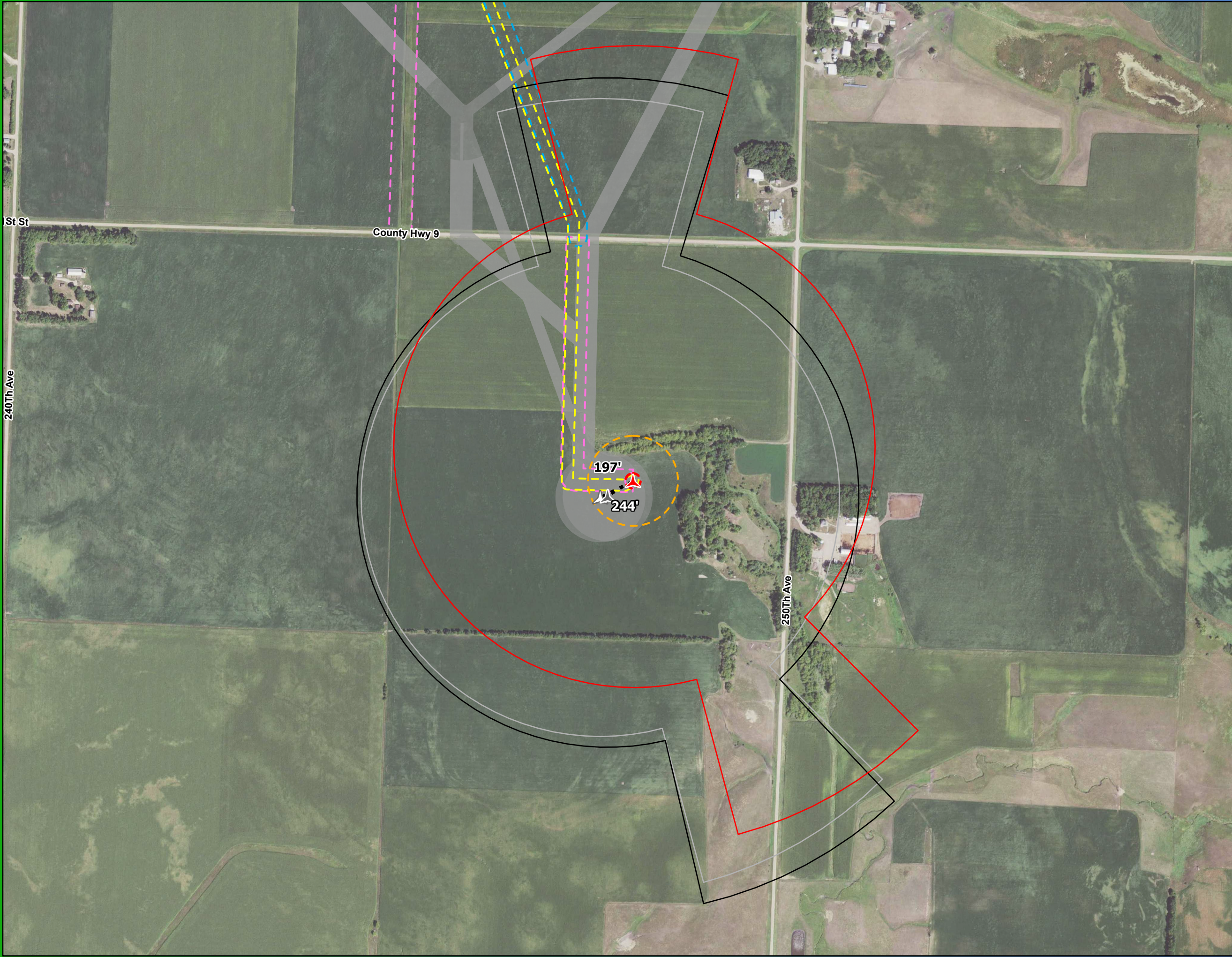
*Turbines not to scale

Map 3 Microwave Bream Path

Plum Creek Wind Project

Redwood, Murray, and
Cottonwood Counties, MN





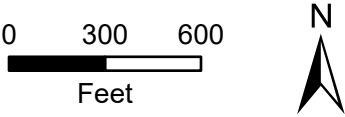
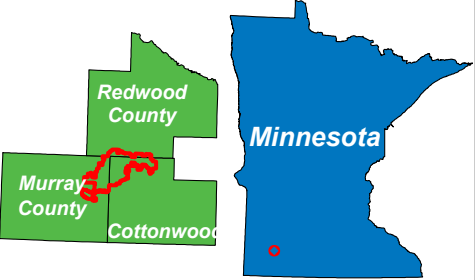
Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census, MDNR, USFWS

- Proposed Turbine Location
- Previous SG170 Turbine Location
- Previous V162 Turbine Location
- Proposed Turbine Wind Access Buffer
- Previous SG170 Turbine Wind Access Buffer
- Previous V162 Turbine Wind Access Buffer
- Proposed Turbine Pad
- Proposed Turbine Construction Workspace
- Proposed Collection Line Workspace
- Proposed Access Road Workspace
- Previous Workspace Footprint
- Turbine Shift Distance

*Turbines not to scale

Map 4 T-1 Turbine Shift Plum Creek Wind Project Murray County, MN





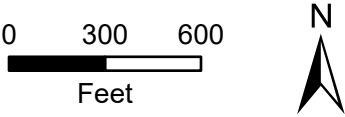
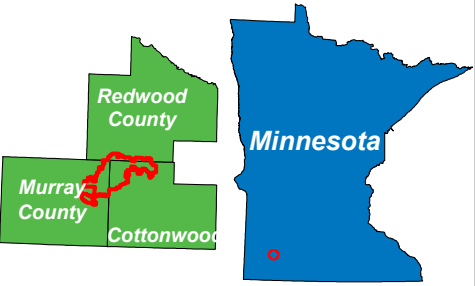
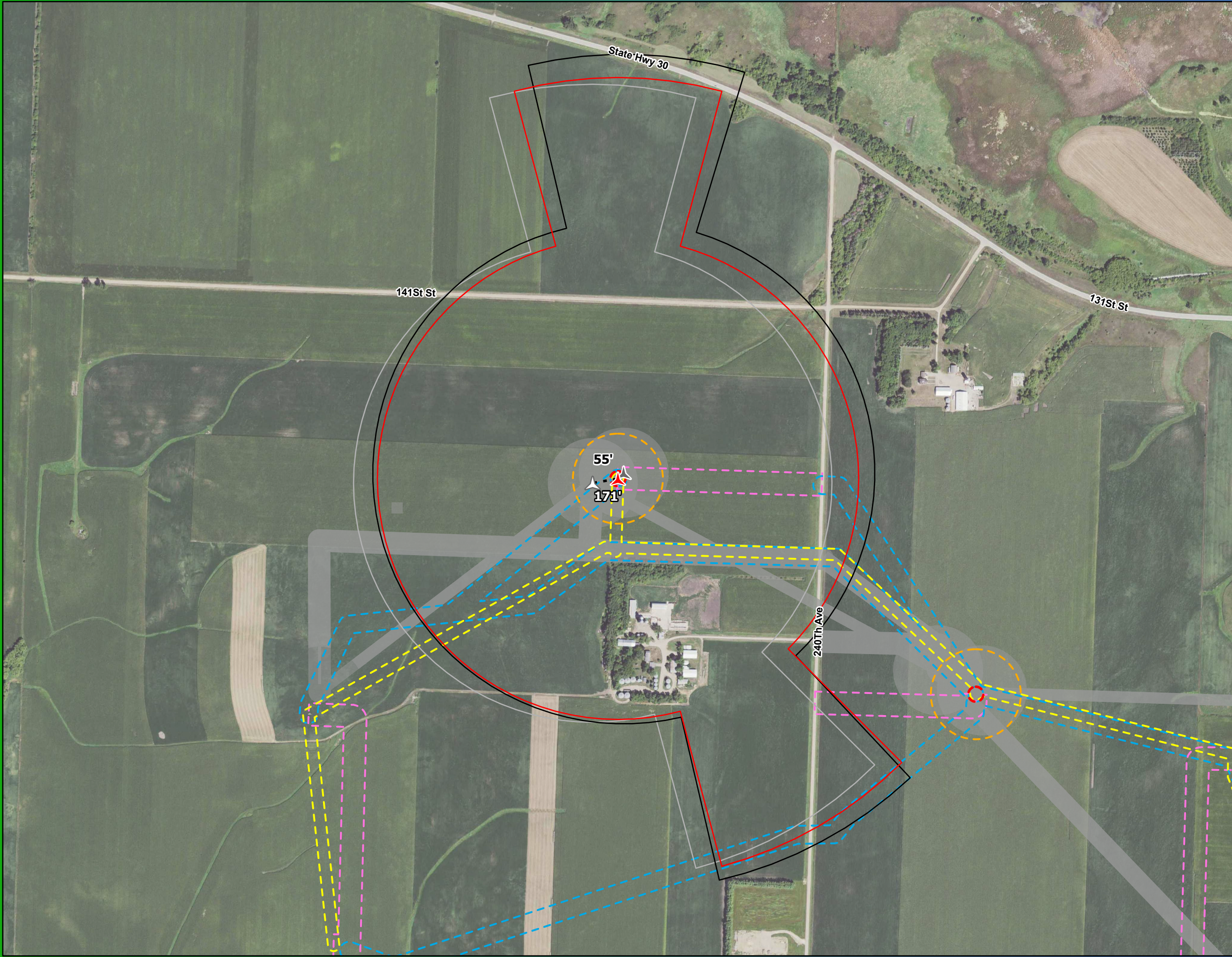
Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census, MDNR, USFWS

- Proposed Turbine Location
- Previous SG170 Turbine Location
- Previous V162 Turbine Location
- Proposed Turbine Wind Access Buffer
- Previous SG170 Turbine Wind Access Buffer
- Previous V162 Turbine Wind Access Buffer
- Proposed Turbine Pad
- Proposed Turbine Construction Workspace
- Proposed Collection Line Workspace
- Proposed Access Road Workspace
- Previous Workspace Footprint
- Turbine Shift Distance

*Turbines not to scale

Map 4
T-5 Turbine Shift
Plum Creek Wind Project
Murray County, MN





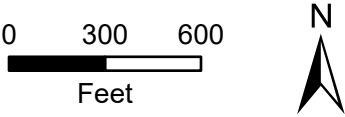
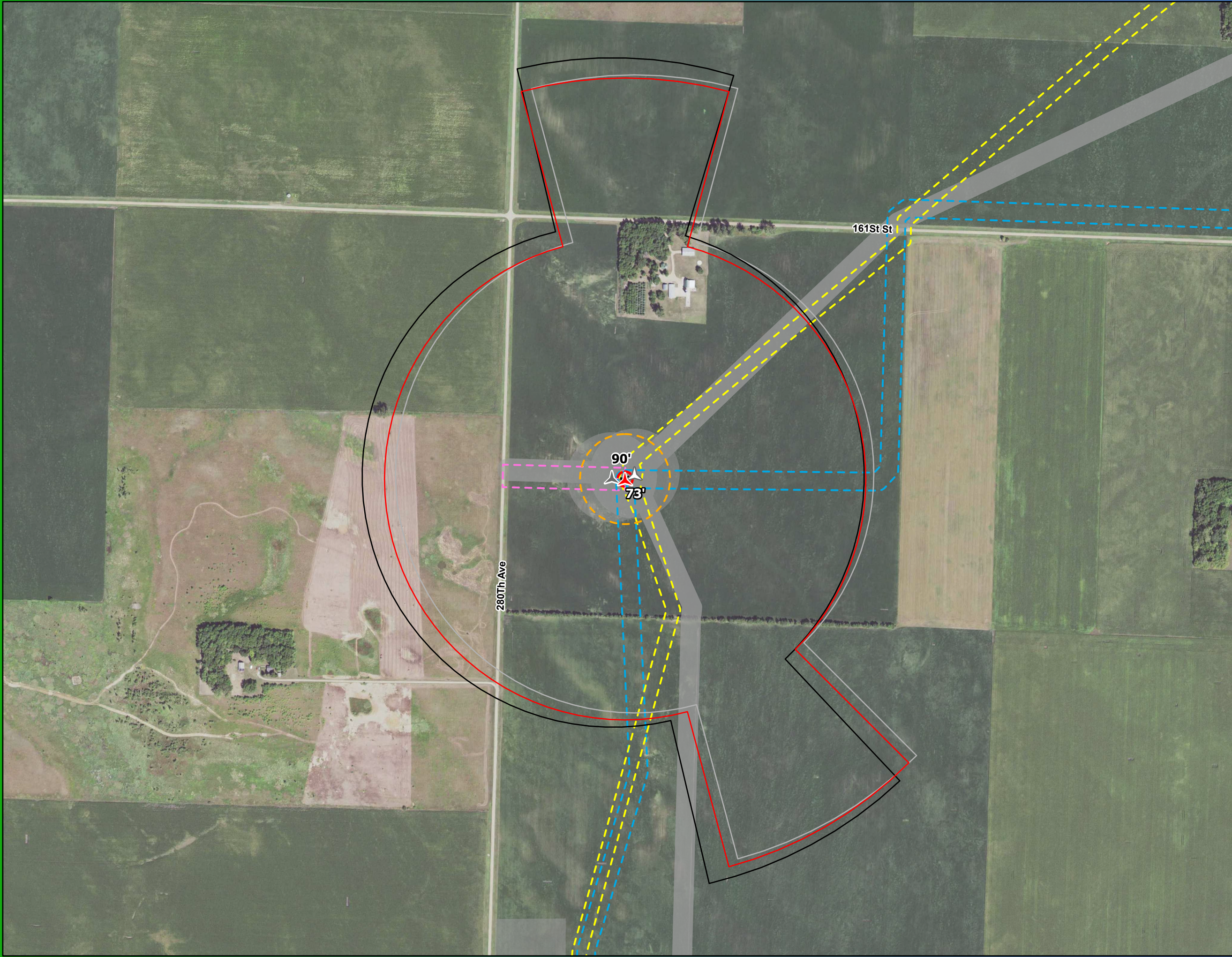
Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census, MDNR, USFWS

- Proposed Turbine Location
- Previous SG170 Turbine Location
- Previous V162 Turbine Location
- Proposed Turbine Wind Access Buffer
- Previous SG170 Turbine Wind Access Buffer
- Previous V162 Turbine Wind Access Buffer
- Proposed Turbine Pad
- Proposed Turbine Construction Workspace
- Proposed Collection Line Workspace
- Proposed Access Road Workspace
- Previous Workspace Footprint
- Turbine Shift Distance

*Turbines not to scale

Map 4
T-6 Turbine Shift
Plum Creek Wind Project
Murray County, MN





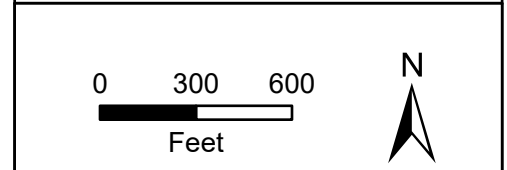
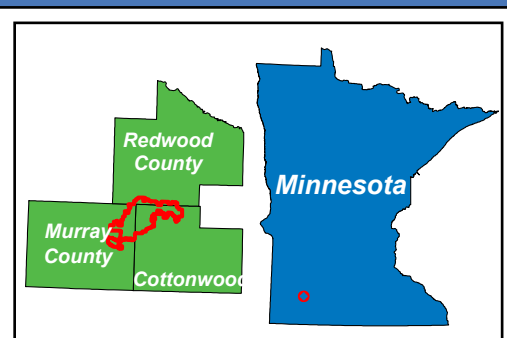
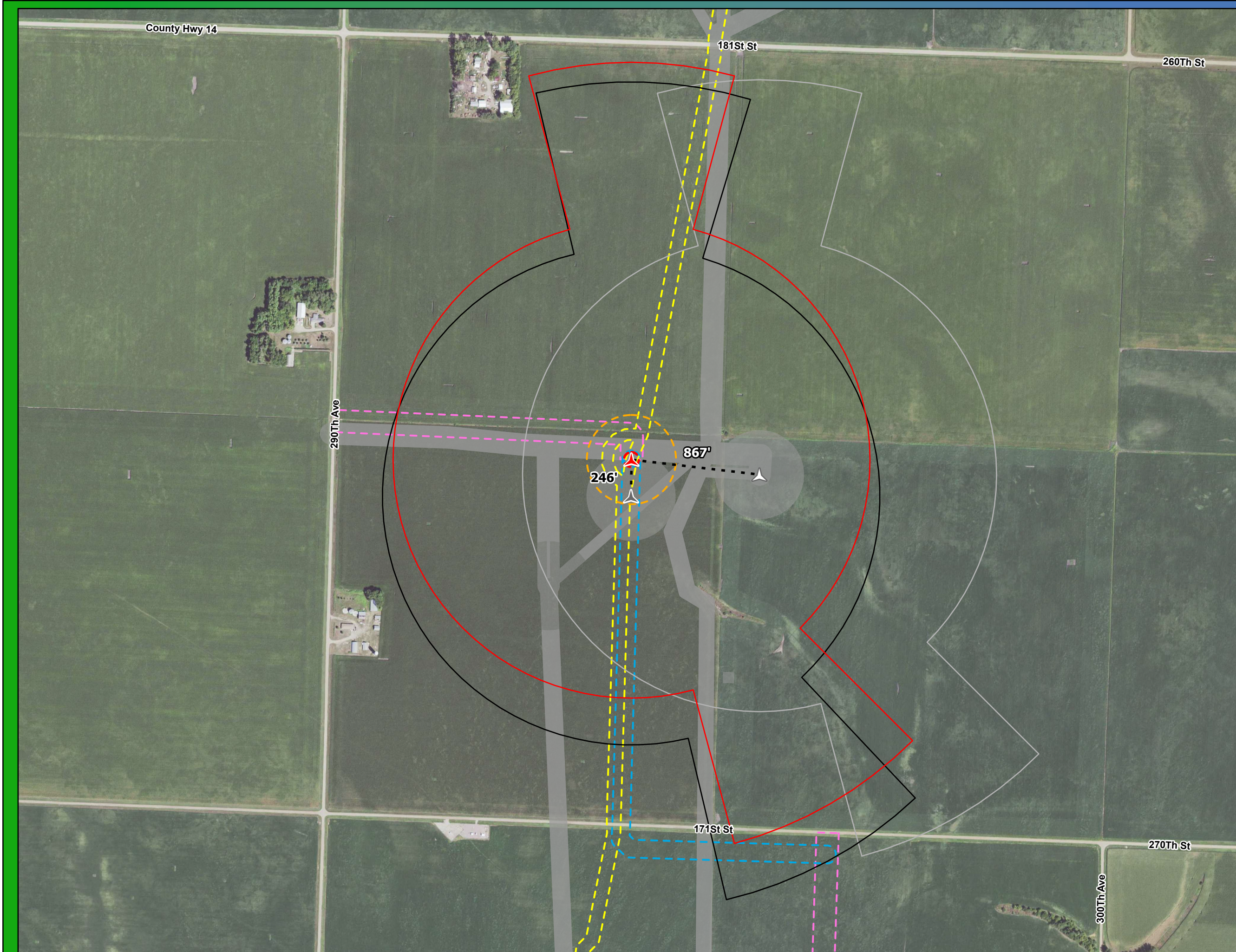
Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census, MDNR, USFWS

- Proposed Turbine Location
- Previous SG170 Turbine Location
- Previous V162 Turbine Location
- Proposed Turbine Wind Access Buffer
- Previous SG170 Turbine Wind Access Buffer
- Previous V162 Turbine Wind Access Buffer
- Proposed Turbine Pad
- Proposed Turbine Construction Workspace
- Proposed Collection Line Workspace
- Proposed Access Road Workspace
- Previous Workspace Footprint
- Turbine Shift Distance

*Turbines not to scale

Map 4
T-9 Turbine Shift
Plum Creek Wind Project
Murray County, MN



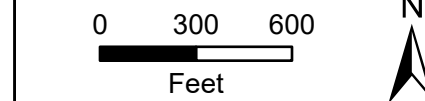


Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census, MDNR, USFWS













- Proposed Turbine Location
- Previous SG170 Turbine Location
- Previous V162 Turbine Location
- Proposed Turbine Wind Access Buffer
- Previous SG170 Turbine Wind Access Buffer
- Previous V162 Turbine Wind Access Buffer
- Proposed Turbine Pad
- Proposed Turbine Construction Workspace
- Proposed Collection Line Workspace
- Proposed Access Road Workspace
- Previous Workspace Footprint
- Turbine Shift Distance

*Turbines not to scale

Map 4
T-13 Turbine Shift
Plum Creek Wind Project
Murray County, MN



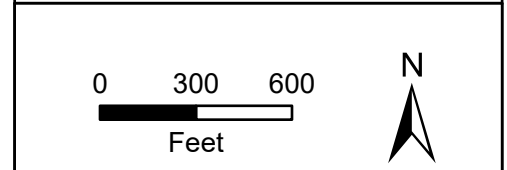
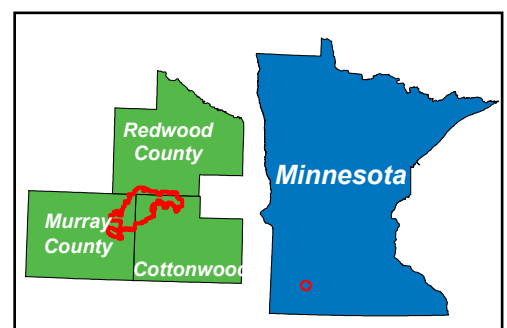
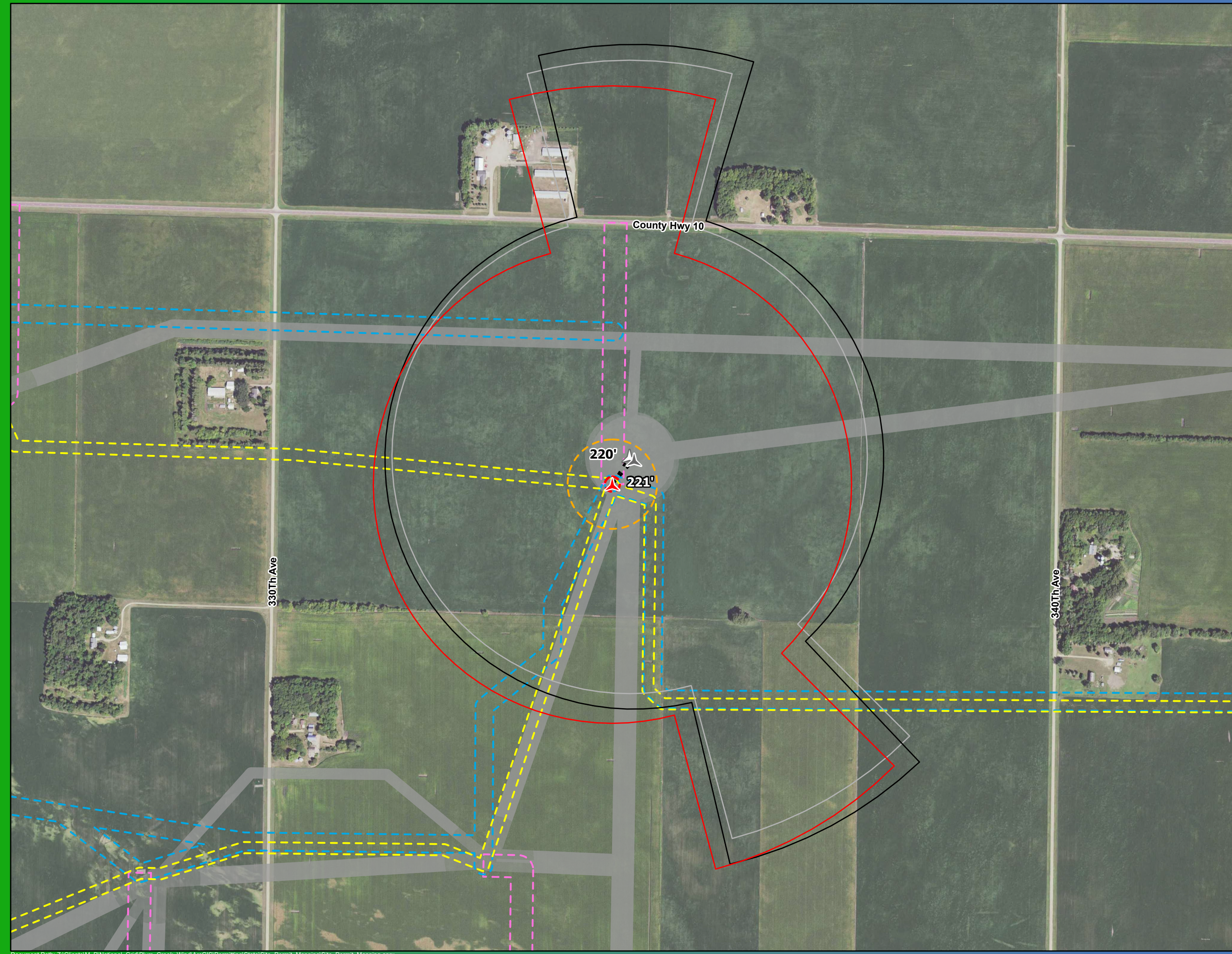
Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census, MDNR, USFWS

-  Proposed Turbine Location
-  Previous SG170 Turbine Location
-  Previous V162 Turbine Location
-  Proposed Turbine Wind Access Buffer
-  Previous SG170 Turbine Wind Access Buffer
-  Previous V162 Turbine Wind Access Buffer
-  Proposed Turbine Pad
-  Proposed Turbine Construction Workspace
-  Proposed Collection Line Workspace
-  Proposed Access Road Workspace
-  Previous Workspace Footprint
-  Turbine Shift Distance

*Turbines not to scale

Map 4
T-14 Turbine Shift
Plum Creek Wind Project
Murray County, MN





Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census, MDNR, USFWS

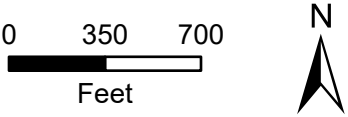
- Proposed Turbine Location
- Previous SG170 Turbine Location
- Previous V162 Turbine Location
- Proposed Turbine Wind Access Buffer
- Previous SG170 Turbine Wind Access Buffer
- Previous V162 Turbine Wind Access Buffer
- Proposed Turbine Pad
- Proposed Turbine Construction Workspace
- Proposed Collection Line Workspace
- Proposed Access Road Workspace
- Previous Workspace Footprint
- Turbine Shift Distance

*Turbines not to scale

Map 4
T-23 Turbine Shift

Plum Creek Wind Project

Cottonwood County, MN



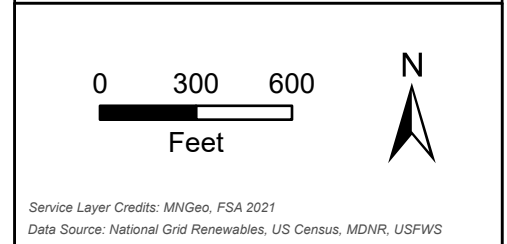
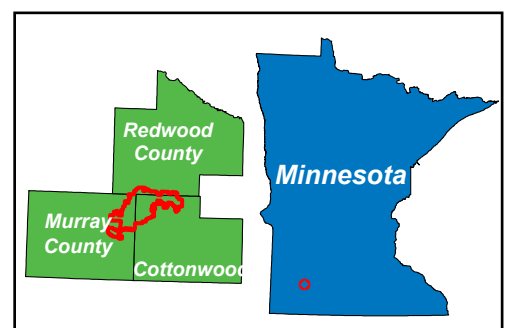
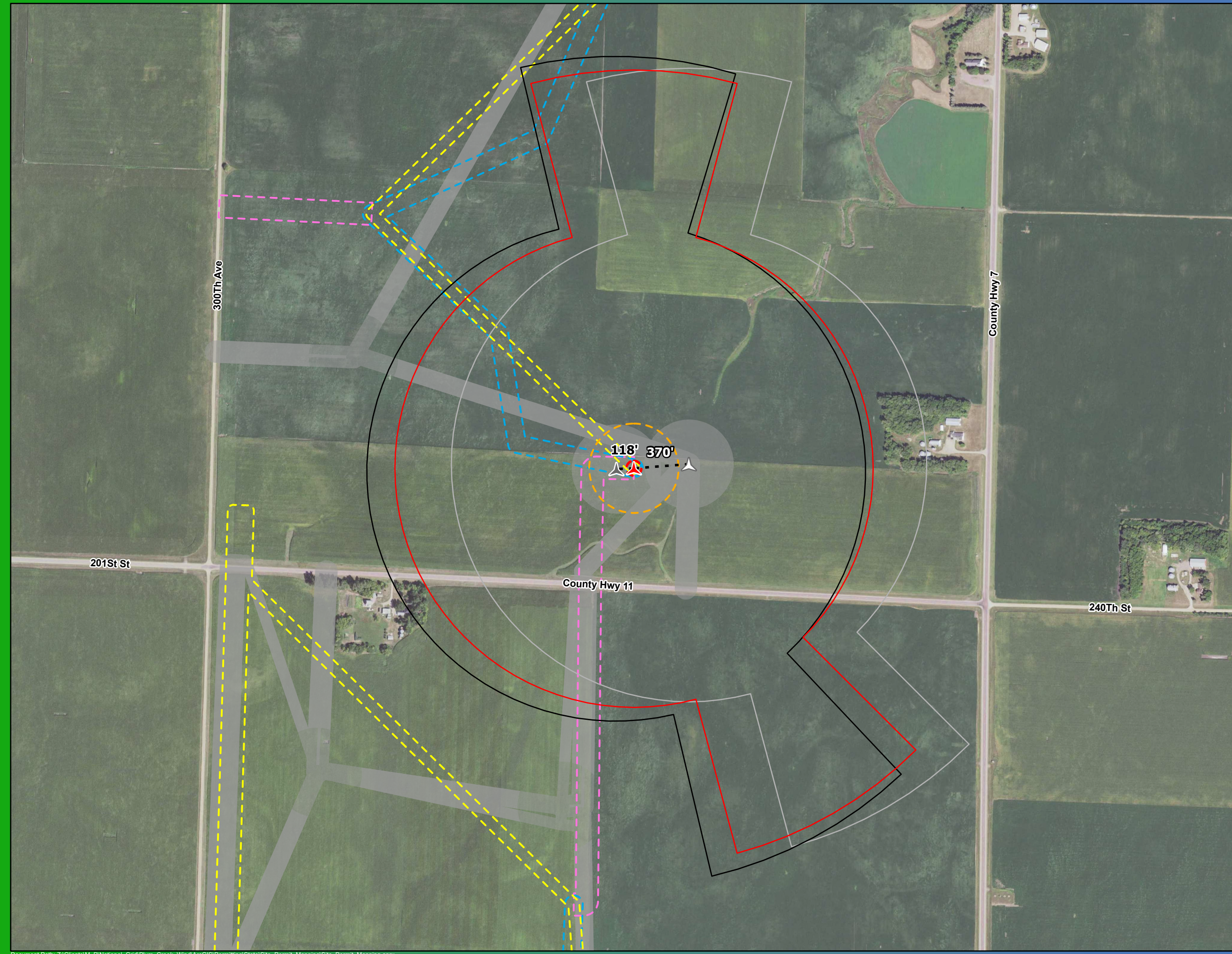
Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census, MDNR, USFWS

- Proposed Turbine Location
- Previous SG170 Turbine Location
- Previous V162 Turbine Location
- Proposed Turbine Wind Access Buffer
- Previous SG170 Turbine Wind Access Buffer
- Previous V162 Turbine Wind Access Buffer
- Proposed Turbine Pad
- Proposed Turbine Construction Workspace
- Proposed Collection Line Workspace
- Proposed Access Road Workspace
- Previous Workspace Footprint
- Turbine Shift Distance

*Turbines not to scale

Map 4
T-26 Turbine Shift
Plum Creek Wind Project
Cottonwood County, MN



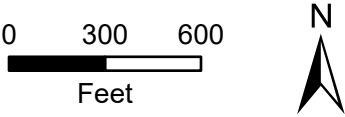
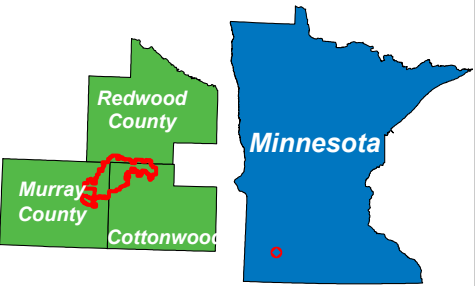
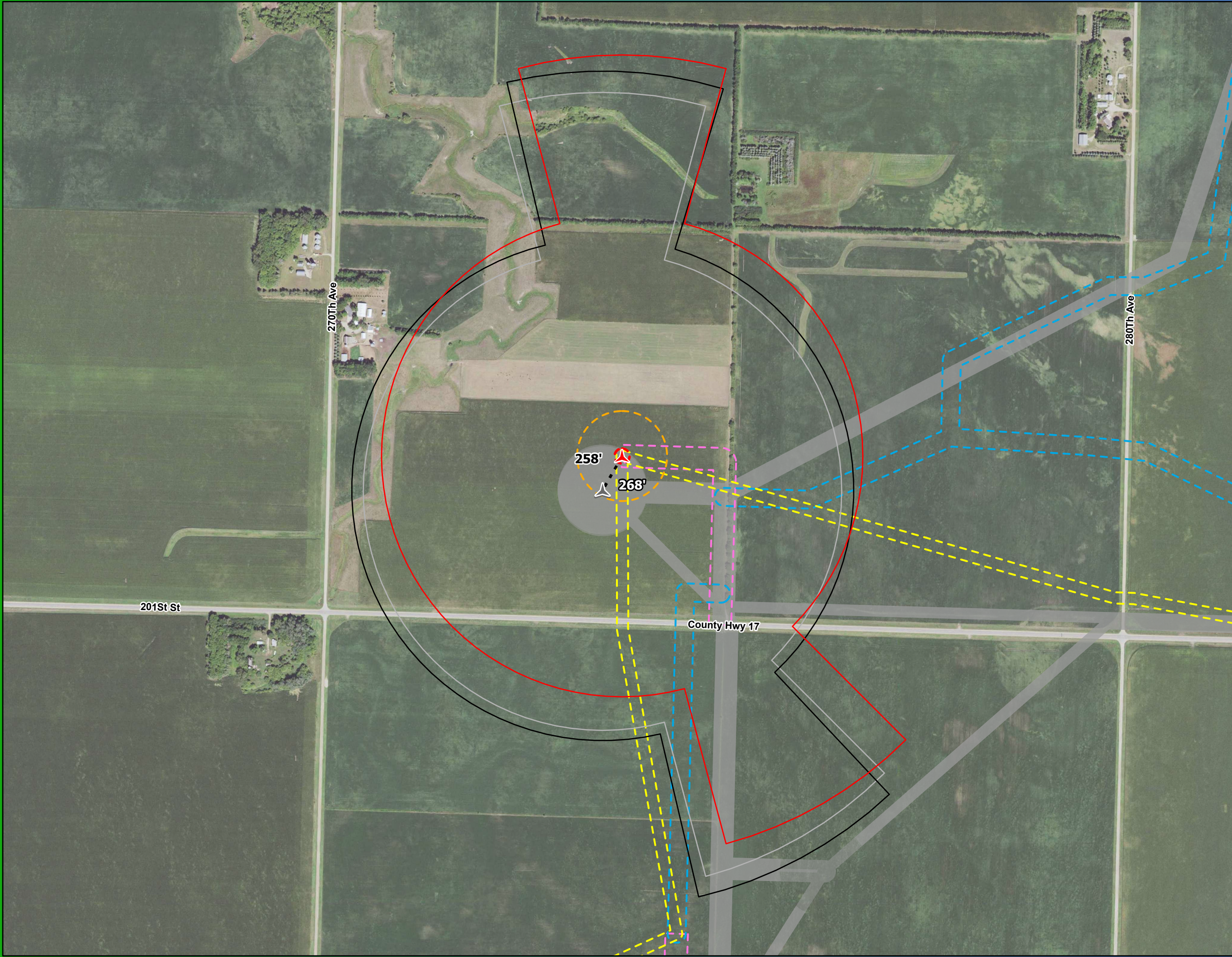


- Proposed Turbine Location
 - Previous SG170 Turbine Location
 - Previous V162 Turbine Location
 - Proposed Turbine Wind Access Buffer
 - Previous SG170 Turbine Wind Access Buffer
 - Previous V162 Turbine Wind Access Buffer
 - Proposed Turbine Pad
 - Proposed Turbine Construction Workspace
 - Proposed Collection Line Workspace
 - Proposed Access Road Workspace
 - Previous Workspace Footprint
 - Turbine Shift Distance
- *Turbines not to scale

Map 4
T-38 Turbine Shift

Plum Creek Wind Project

Cottonwood County, MN



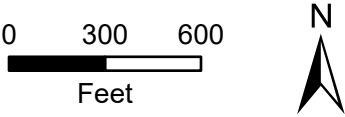
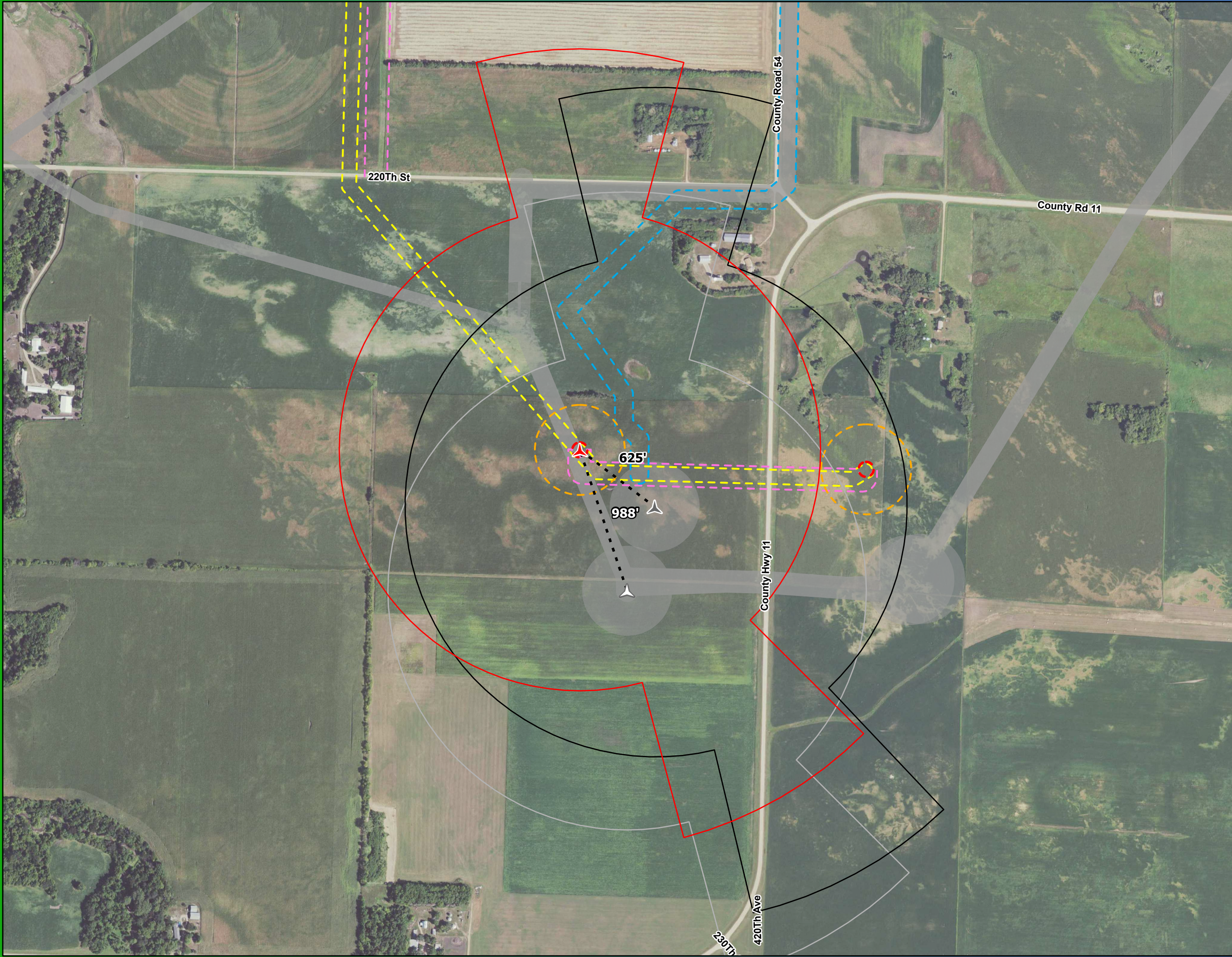
Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census, MDNR, USFWS

- Proposed Turbine Location
- Previous SG170 Turbine Location
- Previous V162 Turbine Location
- Proposed Turbine Wind Access Buffer
- Previous SG170 Turbine Wind Access Buffer
- Previous V162 Turbine Wind Access Buffer
- Proposed Turbine Pad
- Proposed Turbine Construction Workspace
- Proposed Collection Line Workspace
- Proposed Access Road Workspace
- Previous Workspace Footprint
- Turbine Shift Distance

*Turbines not to scale

Map 4
T-39 Turbine Shift
Plum Creek Wind Project
Murray County, MN





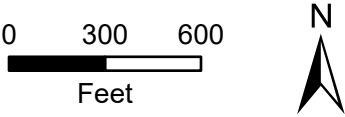
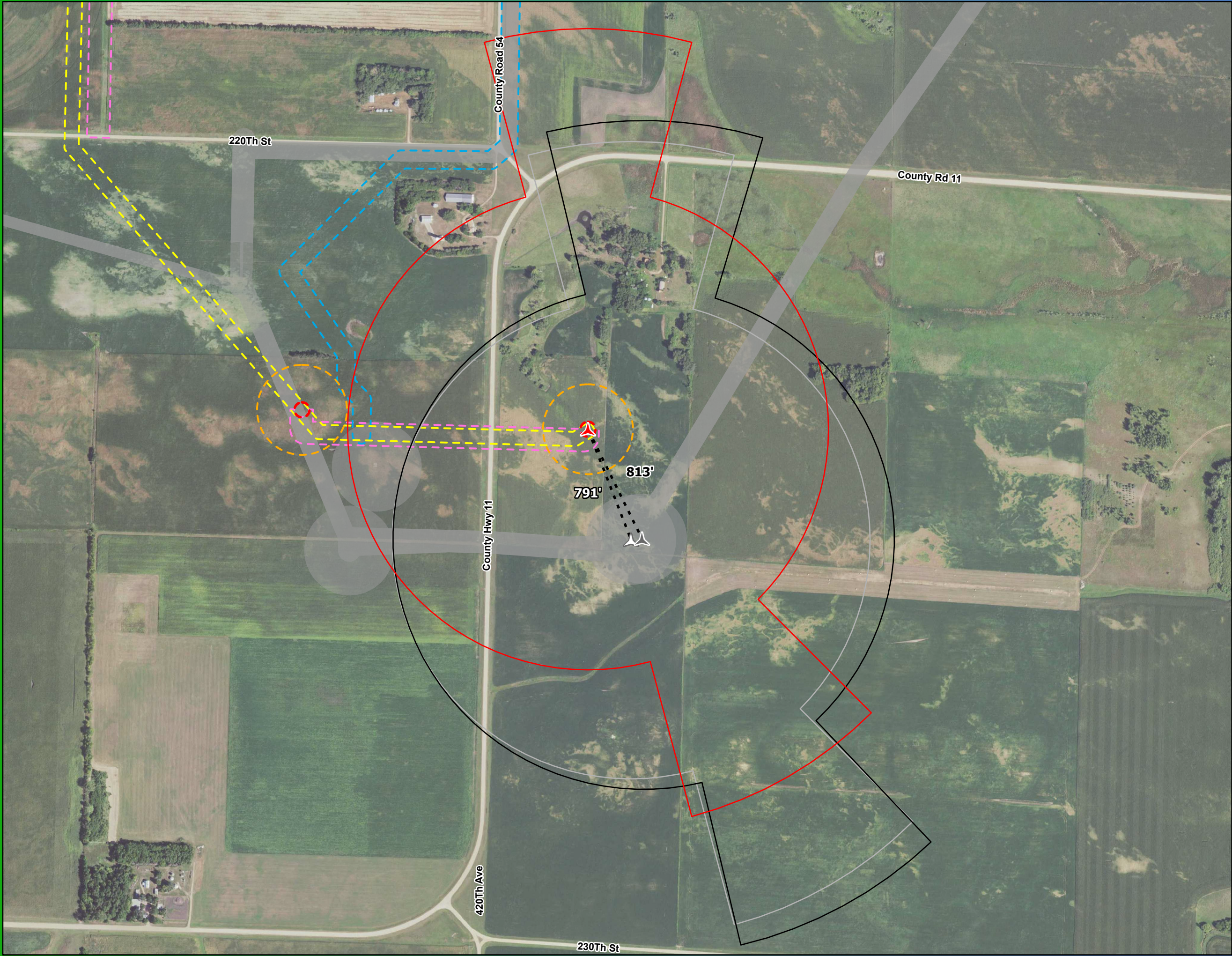
Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census, MDNR, USFWS

- Proposed Turbine Location
- Previous SG170 Turbine Location
- Previous V162 Turbine Location
- Proposed Turbine Wind Access Buffer
- Previous SG170 Turbine Wind Access Buffer
- Previous V162 Turbine Wind Access Buffer
- Proposed Turbine Pad
- Proposed Turbine Construction Workspace
- Proposed Collection Line Workspace
- Proposed Access Road Workspace
- Previous Workspace Footprint
- Turbine Shift Distance

*Turbines not to scale

Map 4
T-42 Turbine Shift
Plum Creek Wind Project
Cottonwood County, MN





Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census, MDNR, USFWS

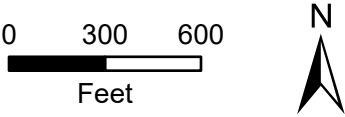
- Proposed Turbine Location
- Previous SG170 Turbine Location
- Previous V162 Turbine Location
- Proposed Turbine Wind Access Buffer
- Previous SG170 Turbine Wind Access Buffer
- Previous V162 Turbine Wind Access Buffer
- Proposed Turbine Pad
- Proposed Turbine Construction Workspace
- Proposed Collection Line Workspace
- Proposed Access Road Workspace
- Previous Workspace Footprint
- Turbine Shift Distance

*Turbines not to scale

Map 4 T-43 Turbine Shift

Plum Creek Wind Project
Cottonwood County, MN





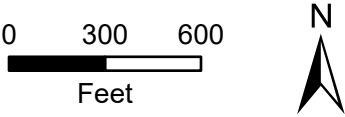
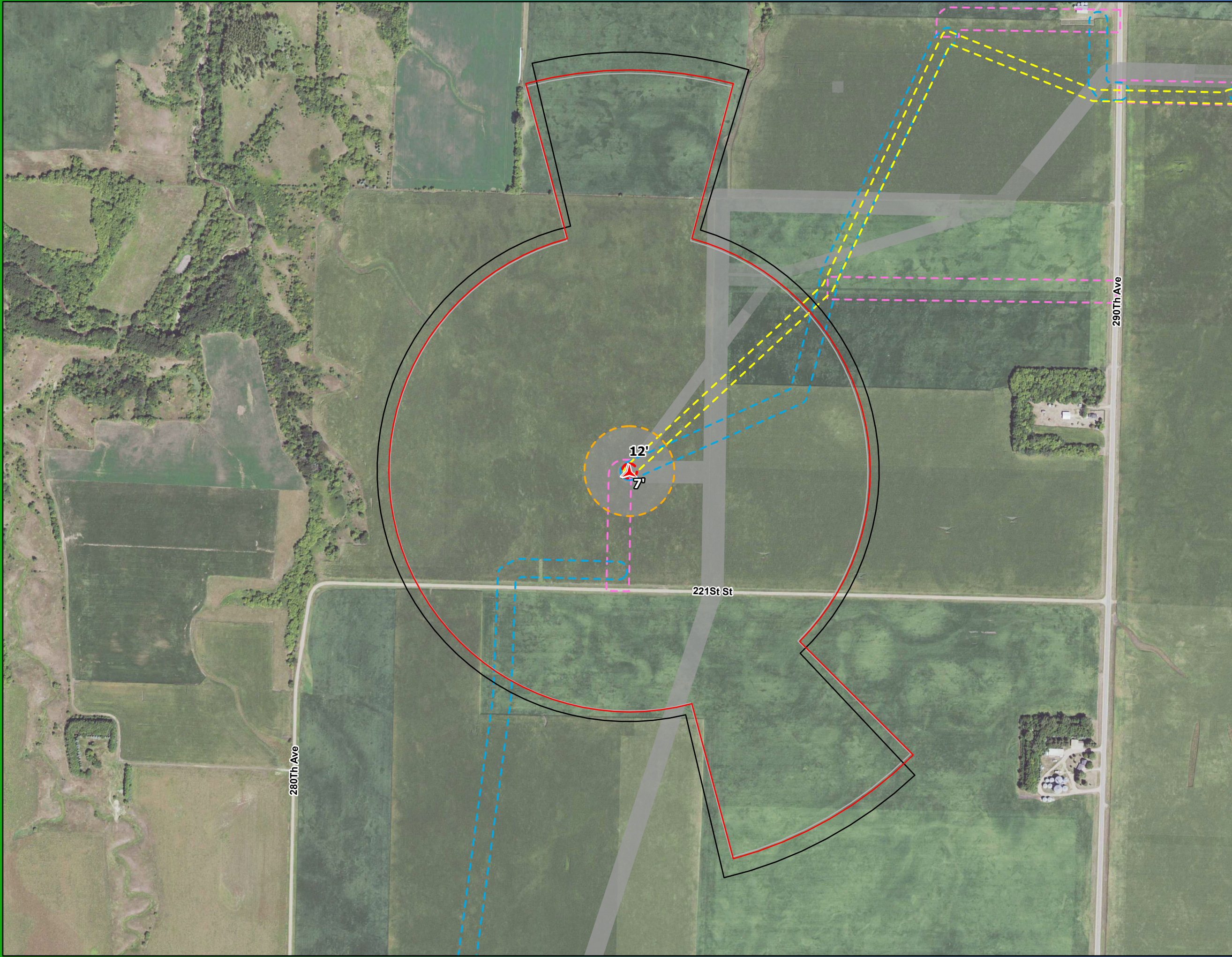
Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census, MDNR, USFWS

- Proposed Turbine Location
- Previous SG170 Turbine Location
- Previous V162 Turbine Location
- Proposed Turbine Wind Access Buffer
- Previous SG170 Turbine Wind Access Buffer
- Previous V162 Turbine Wind Access Buffer
- Proposed Turbine Pad
- Proposed Turbine Construction Workspace
- Proposed Collection Line Workspace
- Proposed Access Road Workspace
- Previous Workspace Footprint
- Turbine Shift Distance

*Turbines not to scale

Map 4
T-51 Turbine Shift
Plum Creek Wind Project
Cottonwood County, MN





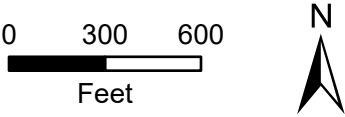
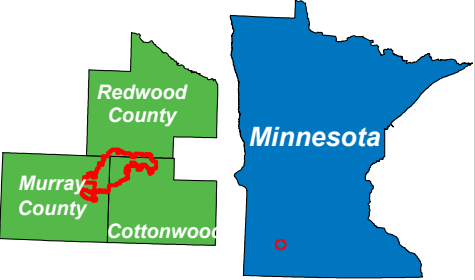
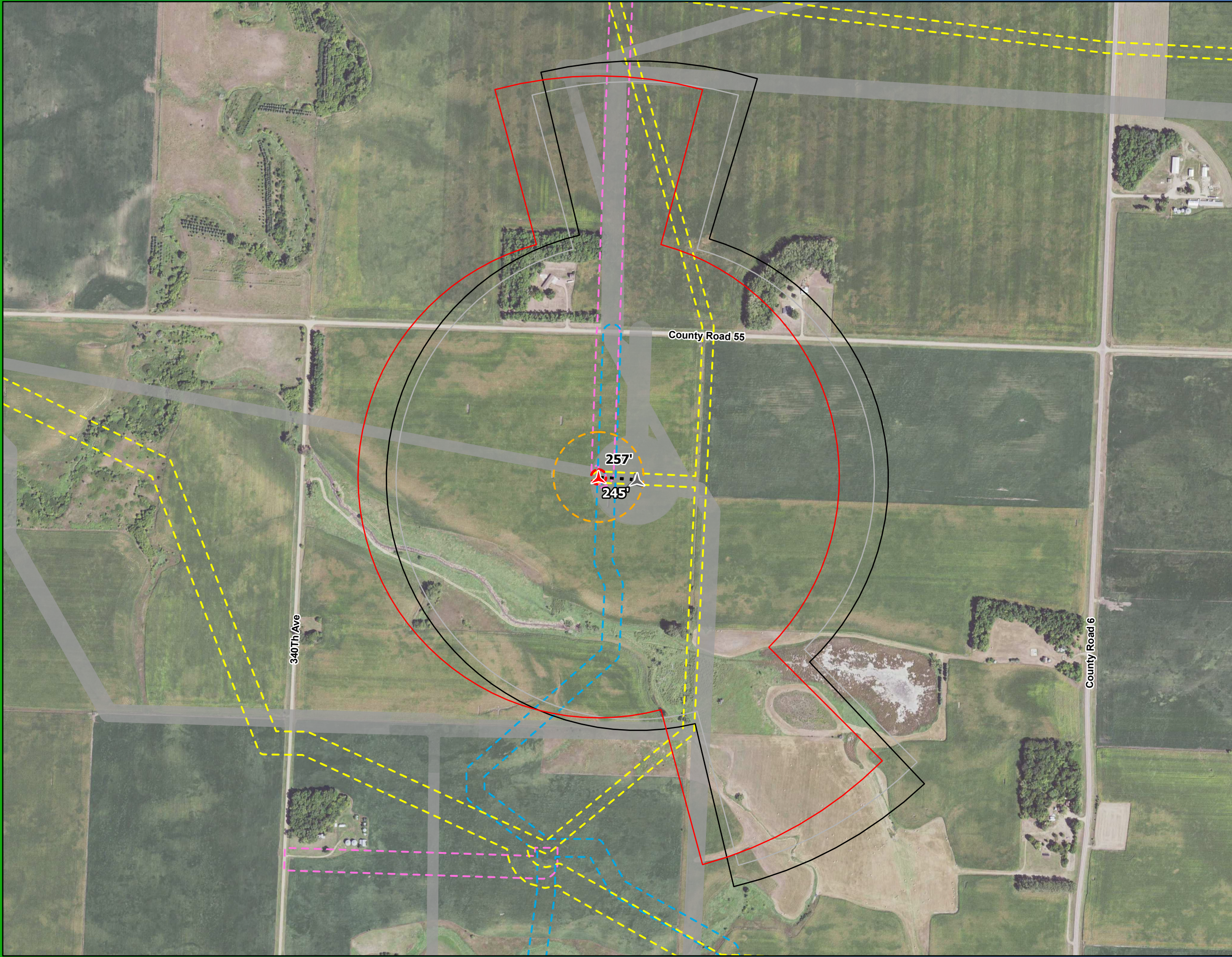
Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census, MDNR, USFWS

- Proposed Turbine Location
- Previous SG170 Turbine Location
- Previous V162 Turbine Location
- Proposed Turbine Wind Access Buffer
- Previous SG170 Turbine Wind Access Buffer
- Previous V162 Turbine Wind Access Buffer
- Proposed Turbine Pad
- Proposed Turbine Construction Workspace
- Proposed Collection Line Workspace
- Proposed Access Road Workspace
- Previous Workspace Footprint
- Turbine Shift Distance

*Turbines not to scale

Map 4 T-53 Turbine Shift Plum Creek Wind Project Cottonwood County, MN





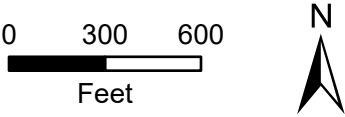
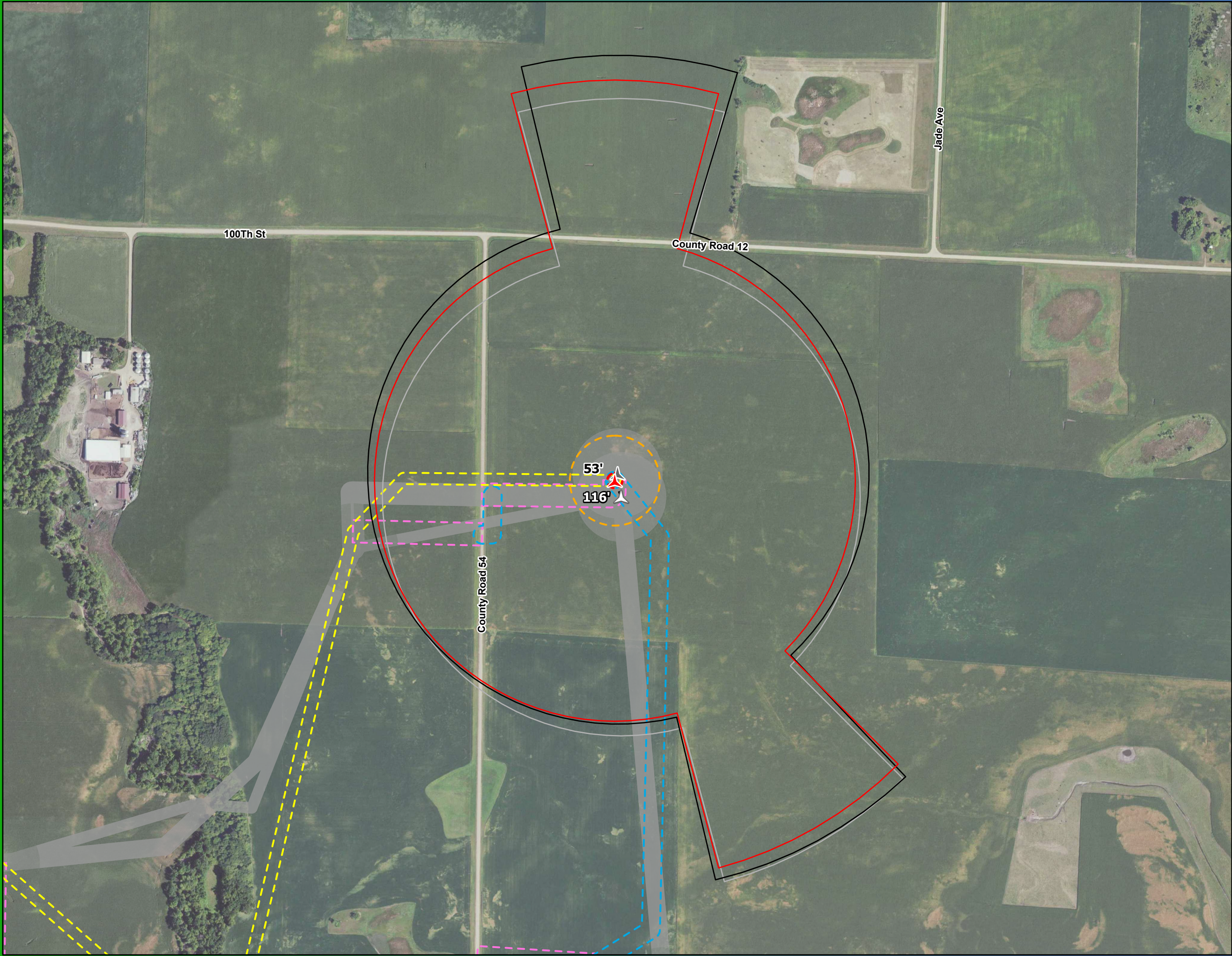
Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census, MDNR, USFWS

- Proposed Turbine Location
- Previous SG170 Turbine Location
- Previous V162 Turbine Location
- Proposed Turbine Wind Access Buffer
- Previous SG170 Turbine Wind Access Buffer
- Previous V162 Turbine Wind Access Buffer
- Proposed Turbine Pad
- Proposed Turbine Construction Workspace
- Proposed Collection Line Workspace
- Proposed Access Road Workspace
- Previous Workspace Footprint
- Turbine Shift Distance

*Turbines not to scale

Map 4 T-64 Turbine Shift Plum Creek Wind Project Cottonwood County, MN





Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census, MDNR, USFWS

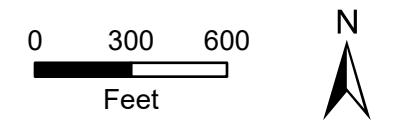
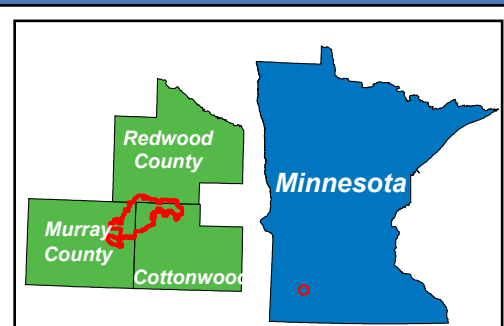
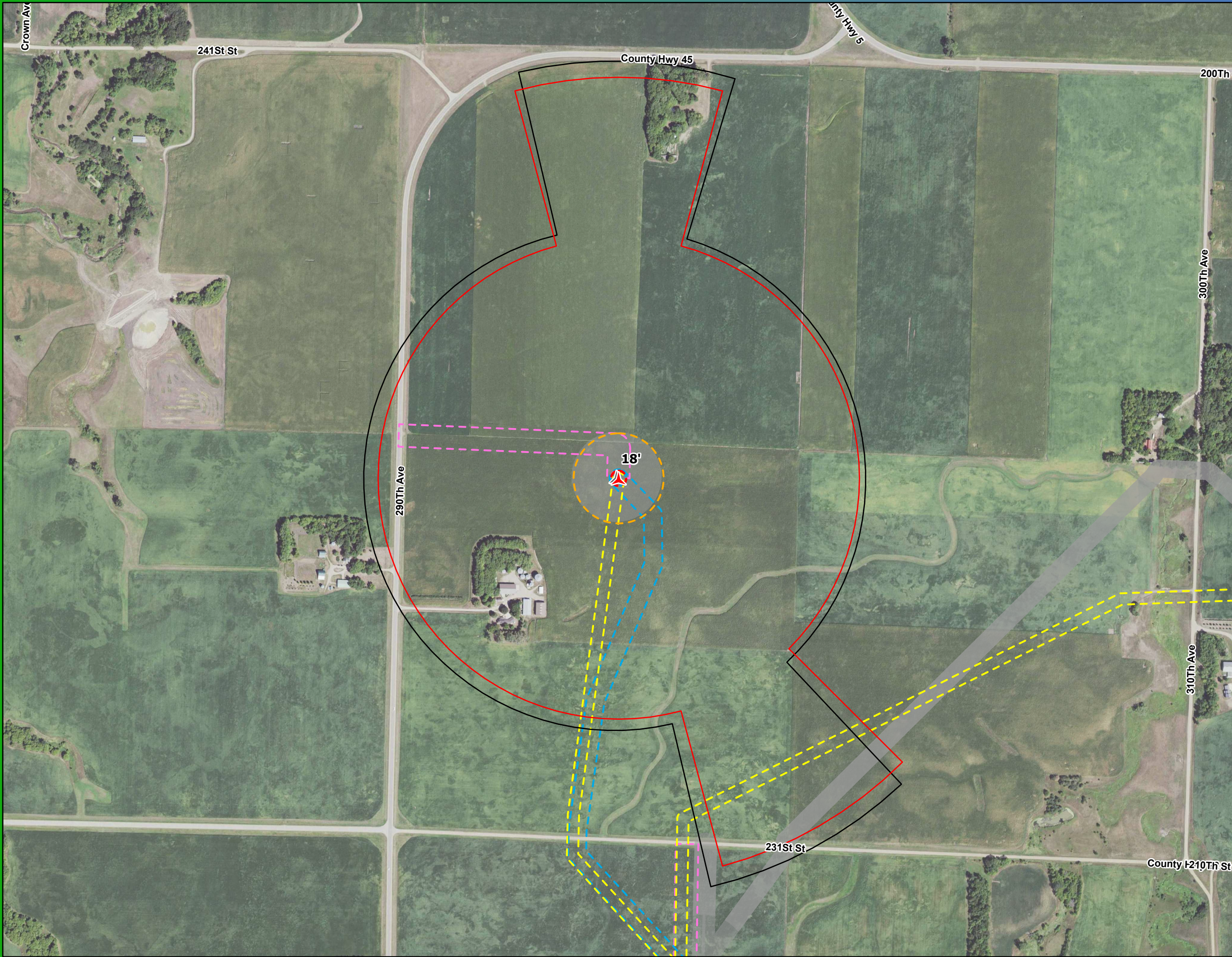
- Proposed Turbine Location
- Previous SG170 Turbine Location
- Previous V162 Turbine Location
- Proposed Turbine Wind Access Buffer
- Previous SG170 Turbine Wind Access Buffer
- Previous V162 Turbine Wind Access Buffer
- Proposed Turbine Pad
- Proposed Turbine Construction Workspace
- Proposed Collection Line Workspace
- Proposed Access Road Workspace
- Previous Workspace Footprint
- Turbine Shift Distance

*Turbines not to scale

Map 4 T-73 Turbine Shift

Plum Creek Wind Project
Cottonwood County, MN





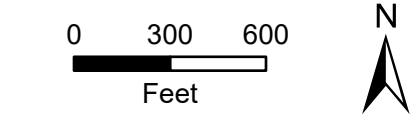
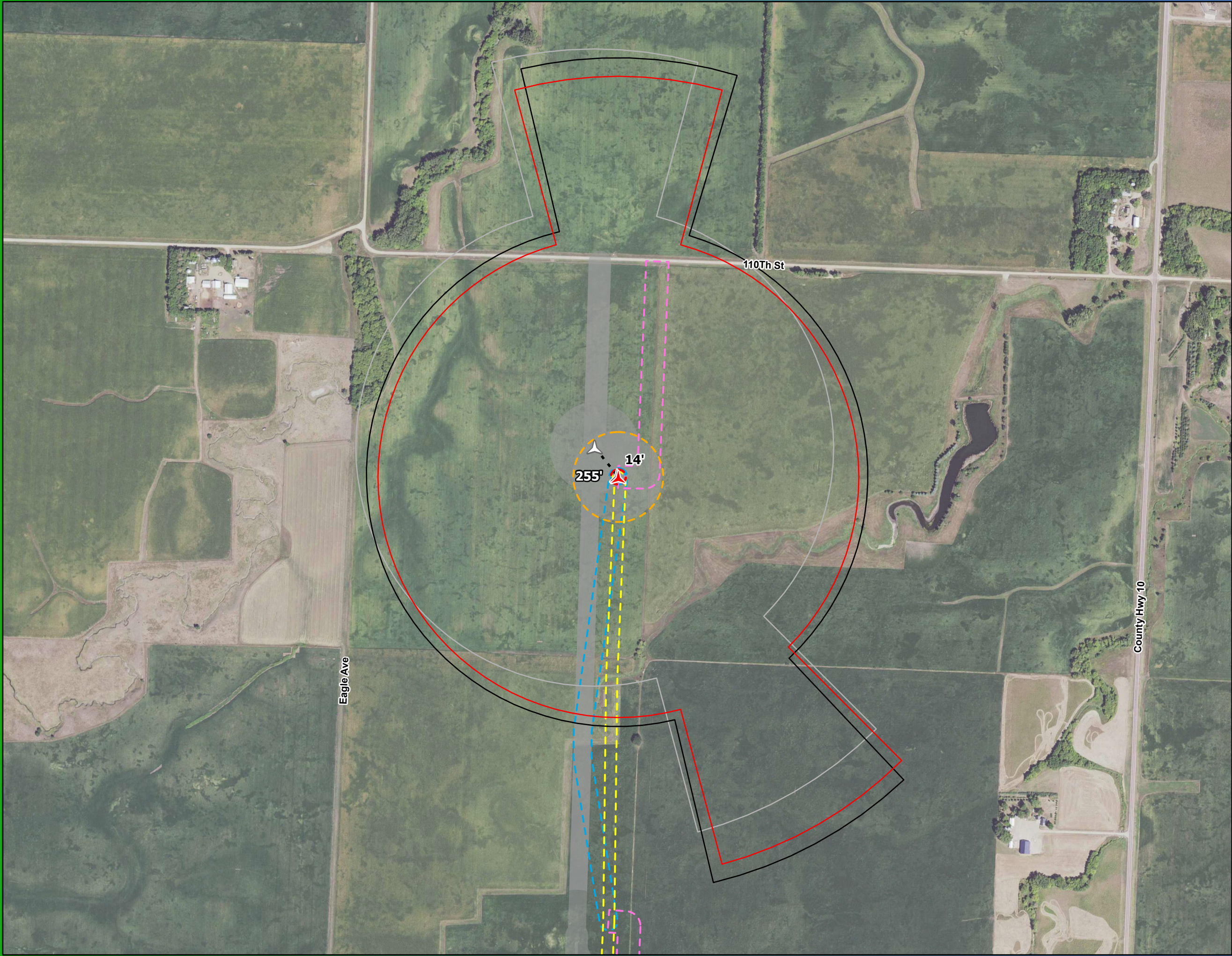
Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census, MDNR, USFWS

- Proposed Turbine Location
- Previous SG170 Turbine Location
- Previous V162 Turbine Location
- Proposed Turbine Wind Access Buffer
- Previous SG170 Turbine Wind Access Buffer
- Previous V162 Turbine Wind Access Buffer
- Proposed Turbine Pad
- Proposed Turbine Construction Workspace
- Proposed Collection Line Workspace
- Proposed Access Road Workspace
- Previous Workspace Footprint
- Turbine Shift Distance

*Turbines not to scale

Map 4
T-75 Turbine Shift
Plum Creek Wind Project
Murray County, MN





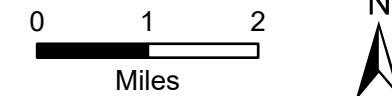
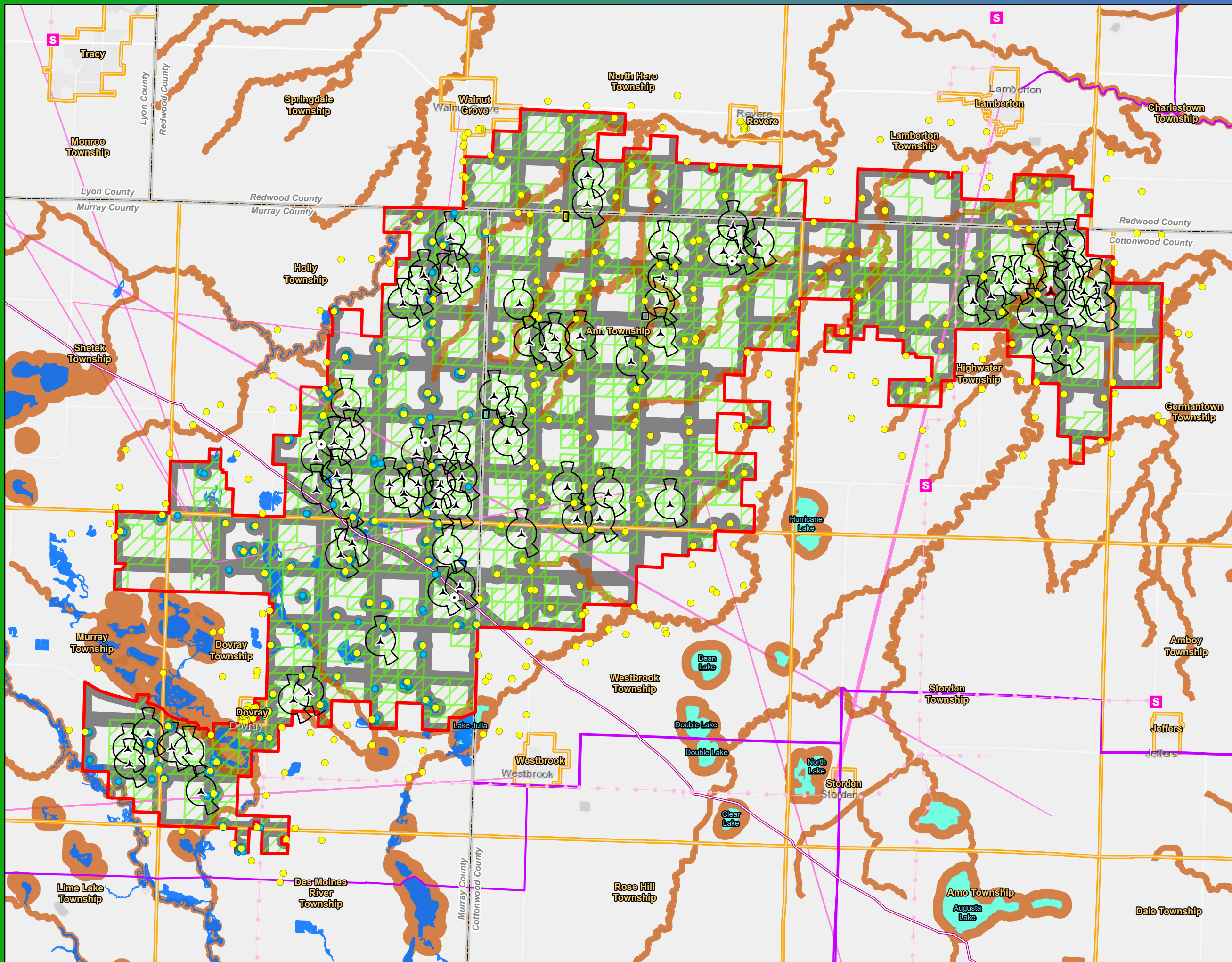
Service Layer Credits: MNGeo, FSA 2021
Data Source: National Grid Renewables, US Census, MDNR, USFWS

- Proposed Turbine Location
- Previous SG170 Turbine Location
- Previous V162 Turbine Location
- Proposed Turbine Wind Access Buffer
- Previous SG170 Turbine Wind Access Buffer
- Previous V162 Turbine Wind Access Buffer
- Proposed Turbine Pad
- Proposed Turbine Construction Workspace
- Proposed Collection Line Workspace
- Proposed Access Road Workspace
- Previous Workspace Footprint
- Turbine Shift Distance

*Turbines not to scale

Map 4
T-78 Turbine Shift
Plum Creek Wind Project
Redwood County, MN





Service Layer Credits: MNGeo, FSA 2017
Data Source: National Grid Renewables, US Census, MDNR,
Redwood County, Murray County, Cottonwood County

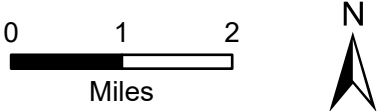
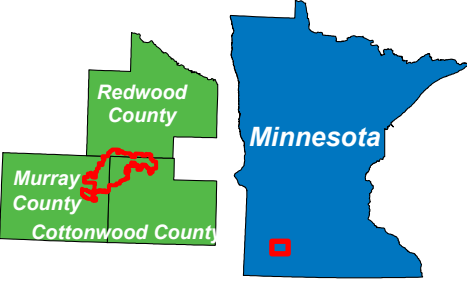
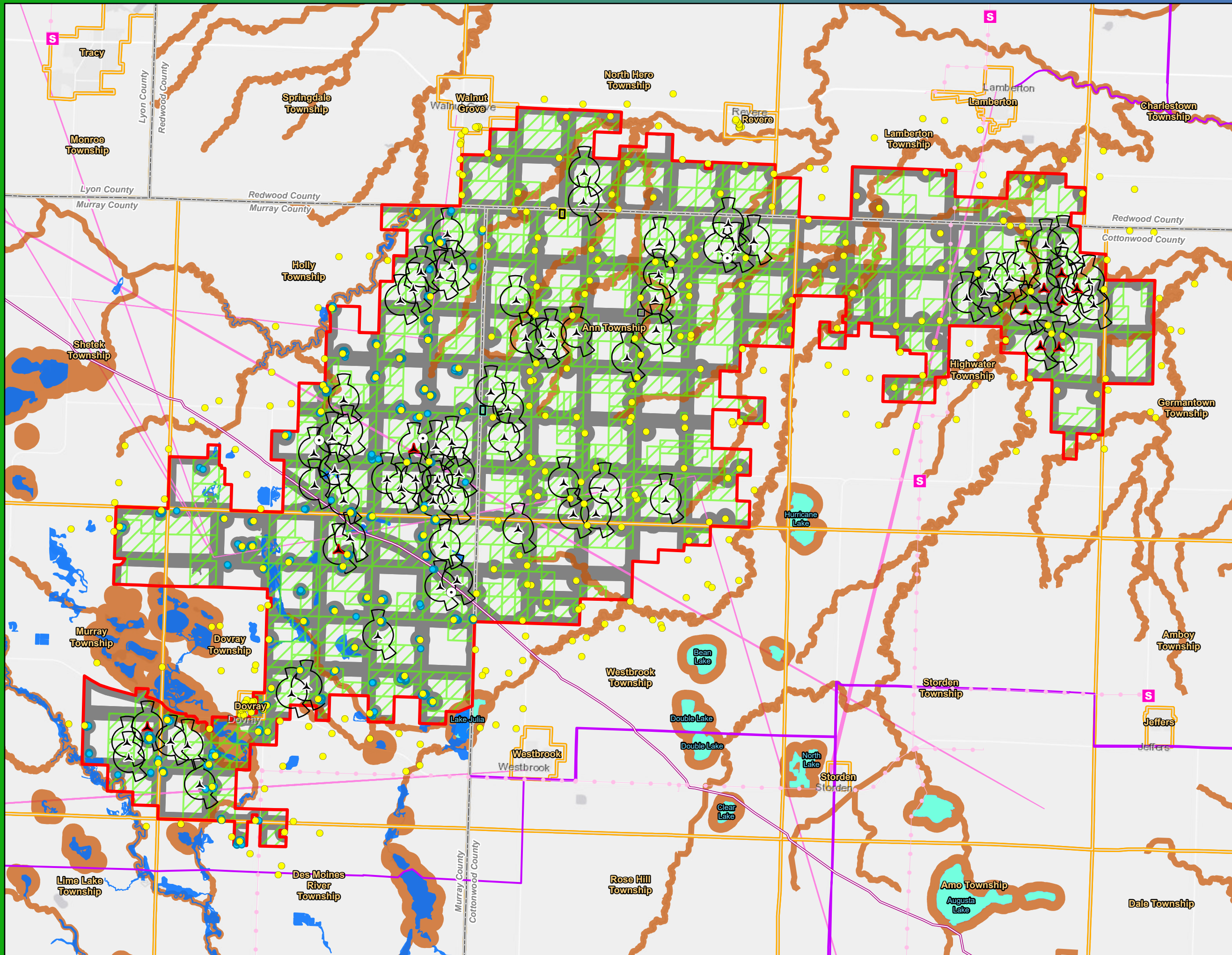
- GE154 Proposed Turbine (Primary)
- GE154 Alternate Turbine (Alternate)
- Residential Structure (within 1 mile of Project Area)
- Murray County Other Structure (Non-Residential)
- Permanent Met Tower
- Existing Substation
- Existing Pipeline
- Existing Transmission Line
- Snowmobile Trail
- 3x5 Wind Access Buffer
- Project Area Boundary
- Revised Collector Substation 1
- Collector Substation 2/ O&M Facility
- Ordered Collector Substation 1
- Landowner Participant in Project Area
- Microwave Beam Path (Worst Case Freznl Zone)
- Setbacks (Roads, Powerlines, Pipelines, and Residences)
- Shoreland Area
- NWI Wetland (> 10.0 acres; Murray County)
- Public Water Basin/Wetland
- City/Township
- County Boundary
- *Turbines not to scale

Map 5a
Turbine Layout and
Constraints
GE 3.8-154

Plum Creek Wind Project

Redwood, Murray, and
Cottonwood Counties, MN





Service Layer Credits: MNGeo, FSA 2017
Data Source: National Grid Renewables, US Census, MDNR,
Redwood County, Murray County, Cottonwood County

- GE158 Proposed Turbine (Primary)
- GE158 Alternate Turbine (Alternate)
- Residential Structure (within 1 mile of Project Area)
- Murray County Other Structure (Non-Residential)
- Permanent Met Tower
- Existing Substation
- Existing Pipeline
- Existing Transmission Line
- Snowmobile Trail
- 3x5 Wind Access Buffer
- Project Area Boundary
- Revised Collector Substation 1
- Collector Substation 2/ O&M Facility
- Ordered Collector Substation 1
- Landowner Participant in Project Area
- Microwave Beam Path (Worst Case Freznl Zone)
- Setbacks (Roads, Powerlines, Pipelines, and Residences)
- Shoreland Area
- NWI Wetland (> 10.0 acres; Murray County)
- Public Water Basin/Wetland
- City/Township
- County Boundary
- *Turbines not to scale

Map 5b
Turbine Layout and
Constraints
GE 6.1-158

Plum Creek Wind Project

Redwood, Murray, and
Cottonwood Counties, MN



