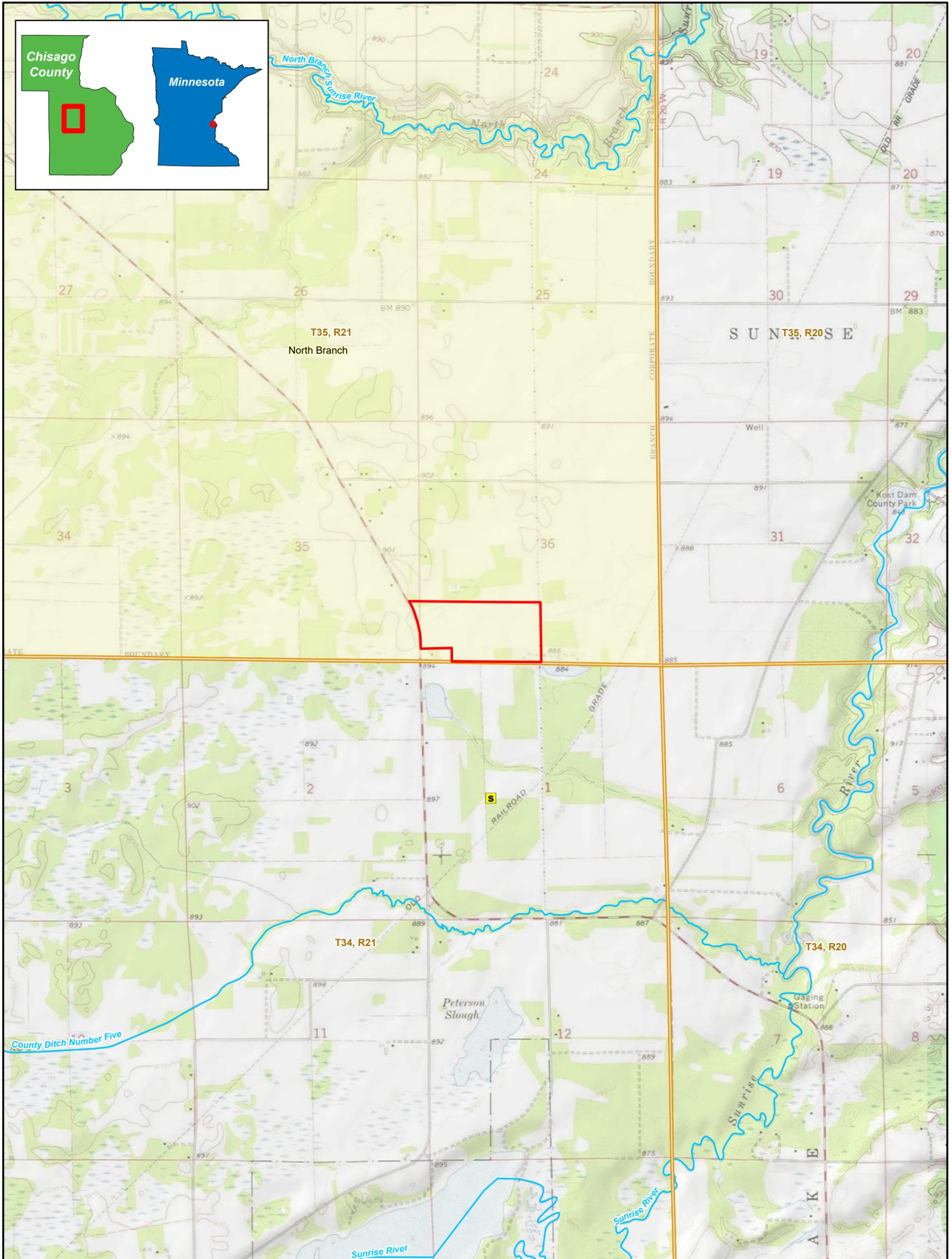
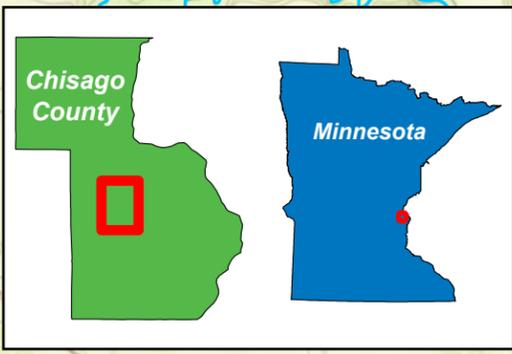


Maps

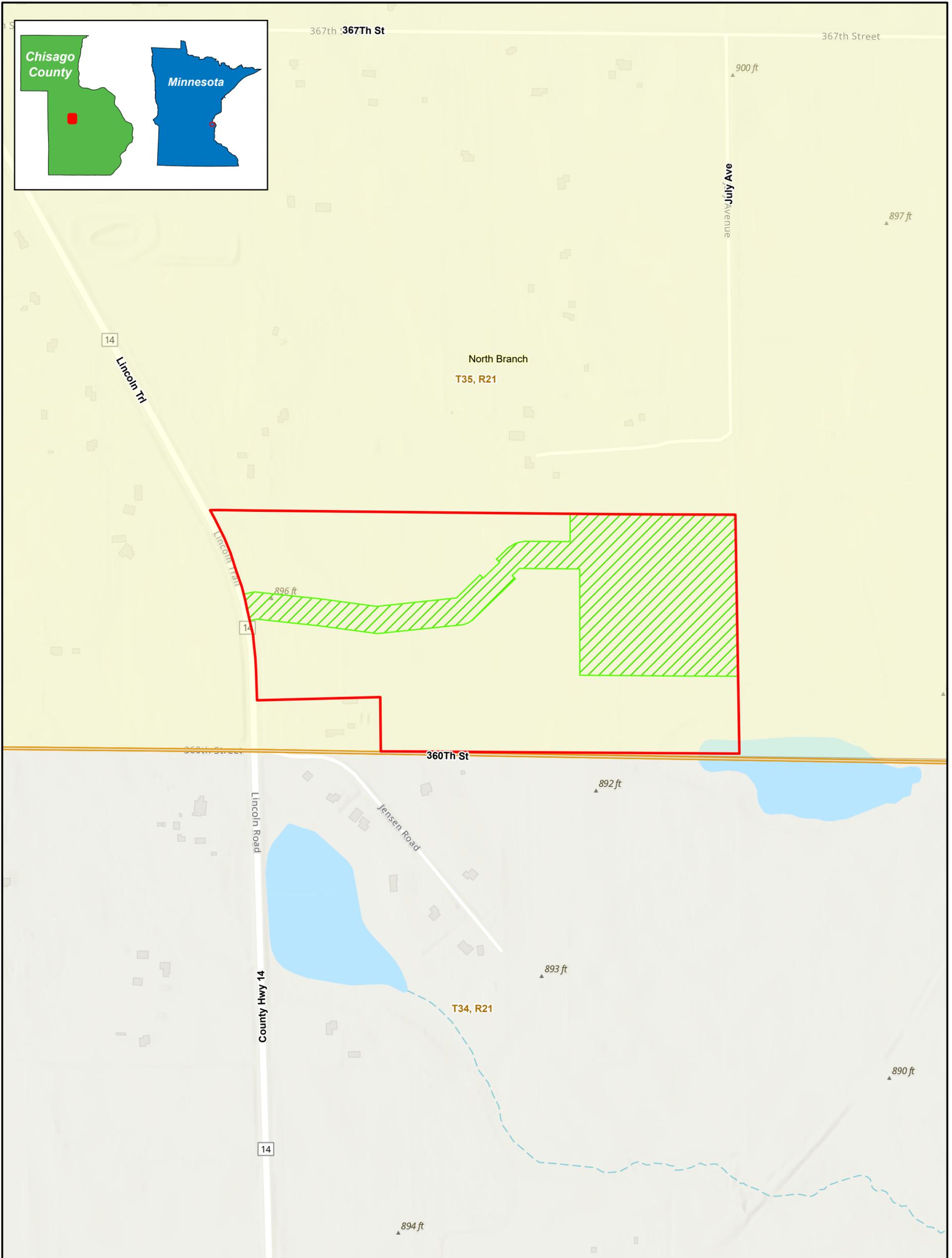
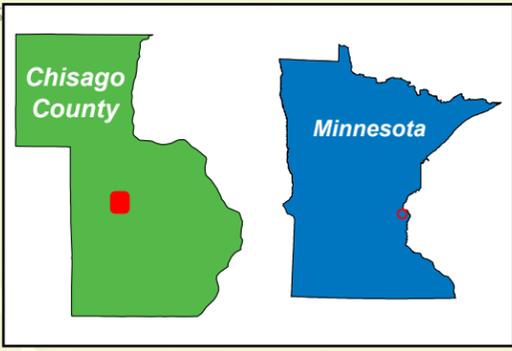


0 0.25 0.5 Miles

1:24,000

Map 1
 Project Overview
 North Star BESS Project
 Chisago County, MN

- Land Control Area
- Existing Substation
- NHD Named Stream
- City/Town
- Township

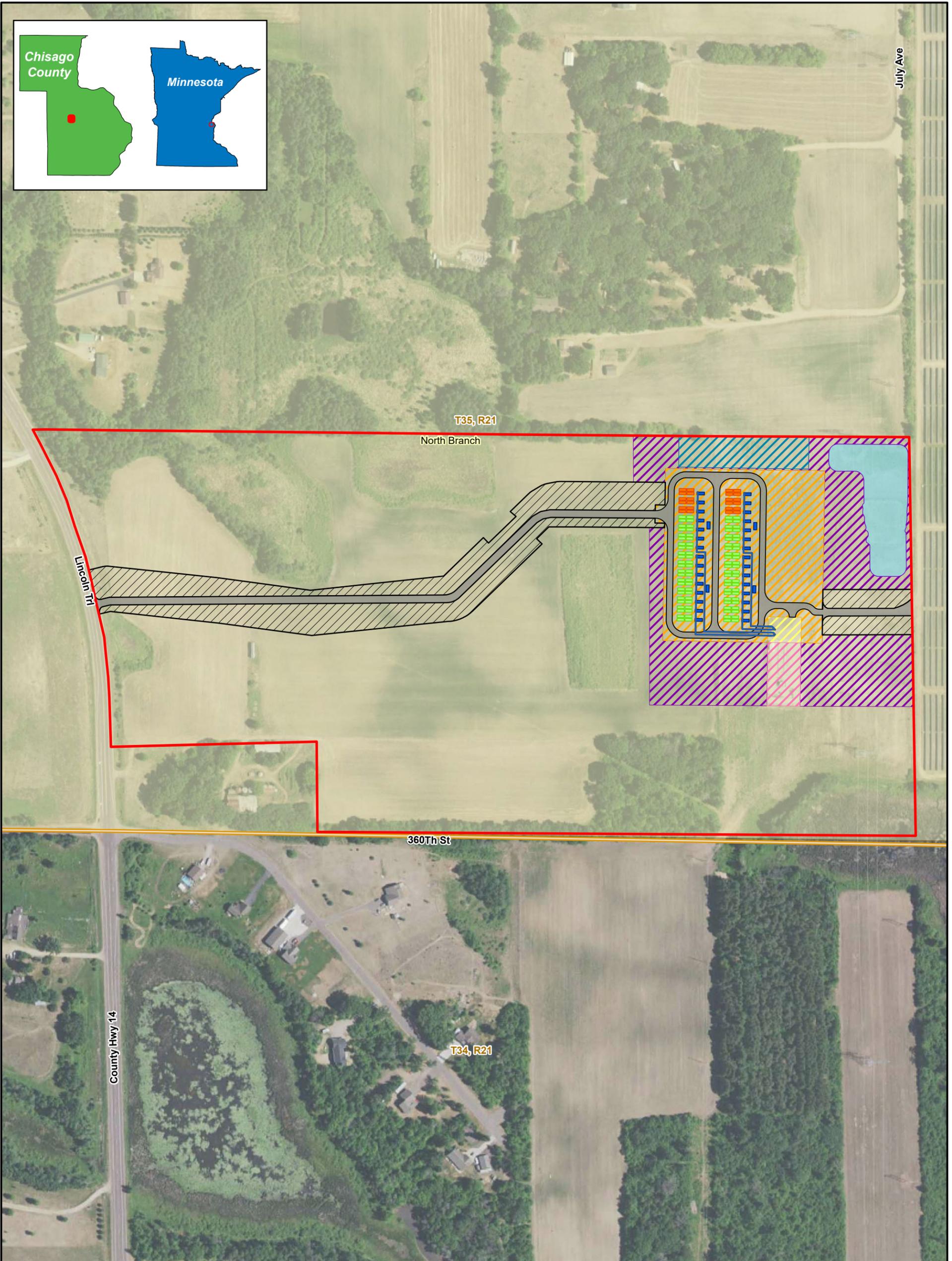
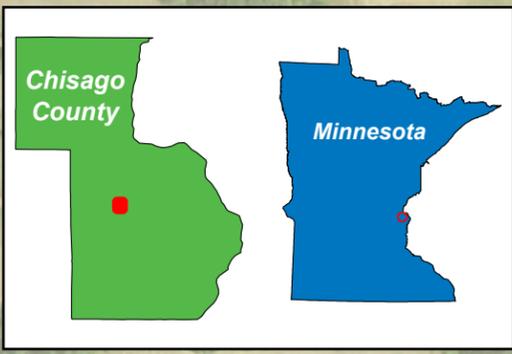


0 250 500 Feet
1:6,000

Map 2
Land Control and
Preliminary Development Areas
North Star BESS Project
Chisago County, MN

- Land Control Area
- Preliminary Development Area
- City/Town
- Township

Imagery: MNGeo 2021 Color FSA
Sources: DESRI, MN Geospatial Commons, MDNR, ESRI



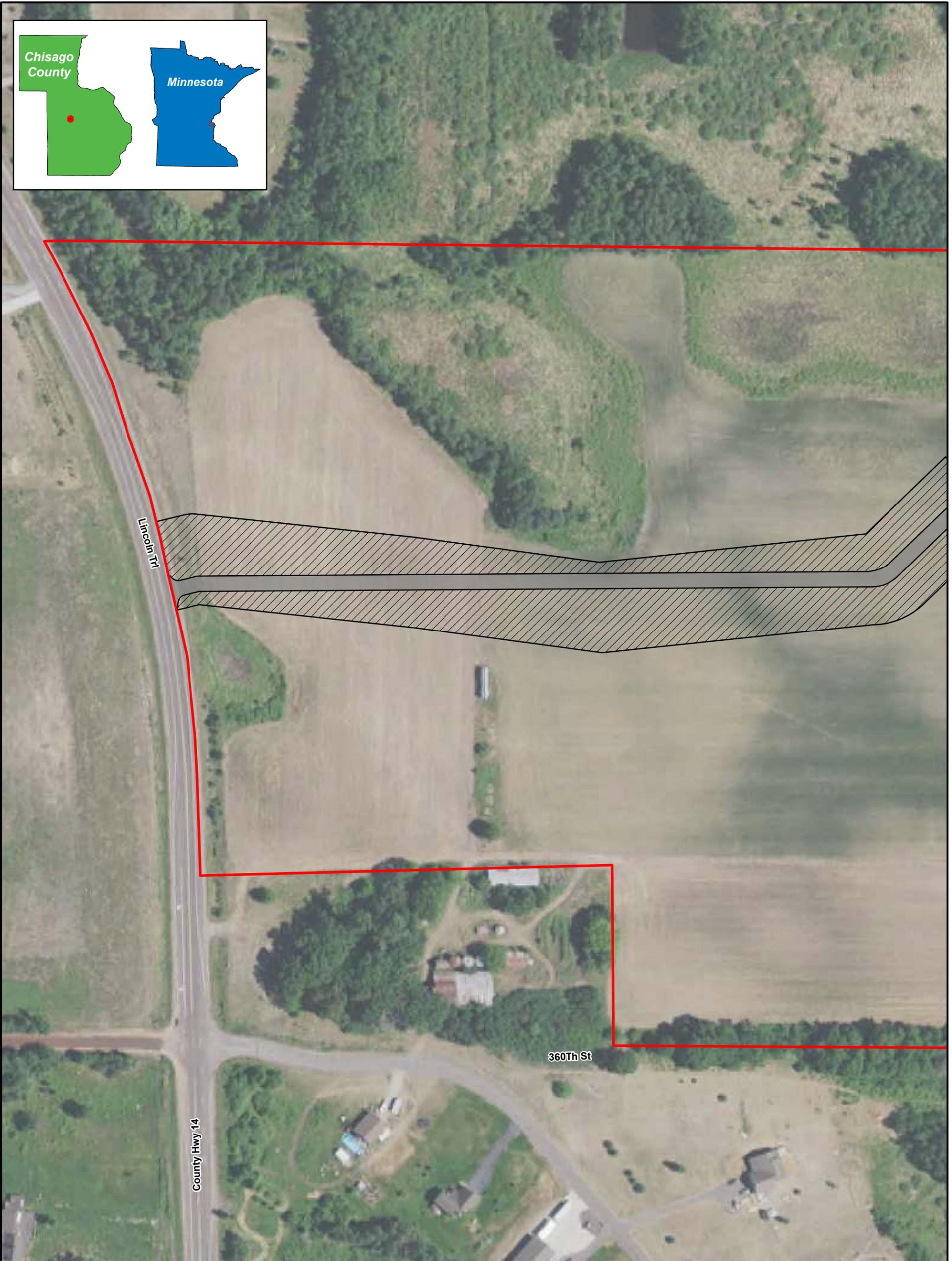
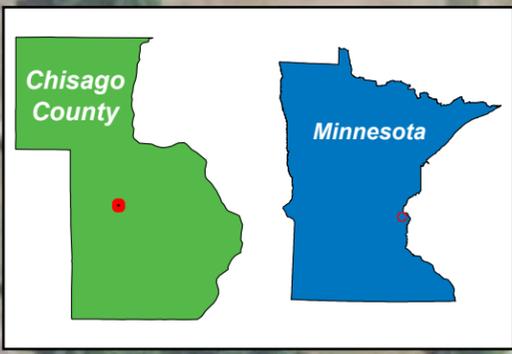
0 150 300 Feet

1:3,600

Map 3 Overview of Preliminary Project Layout North Star BESS Project Chisago County, MN

- | | | |
|-------------------------|----------------------|------------------------|
| BESS Container | Access Road | Temporary Laydown Yard |
| BESS Container - Future | Temporary Workspace | Temporary Workspace |
| Inverter | Existing Substation | Stormwater Basin Swale |
| Access Road | Gravel Pad Area | Land Control Area |
| | Solar Facility | City/Town |
| | Substation Expansion | Township |
| | | Feeder Line |

Imagery: MNGeo 2021 Color FSA
Sources: DESRI, MN Geospatial Commons, MDNR, ESRI

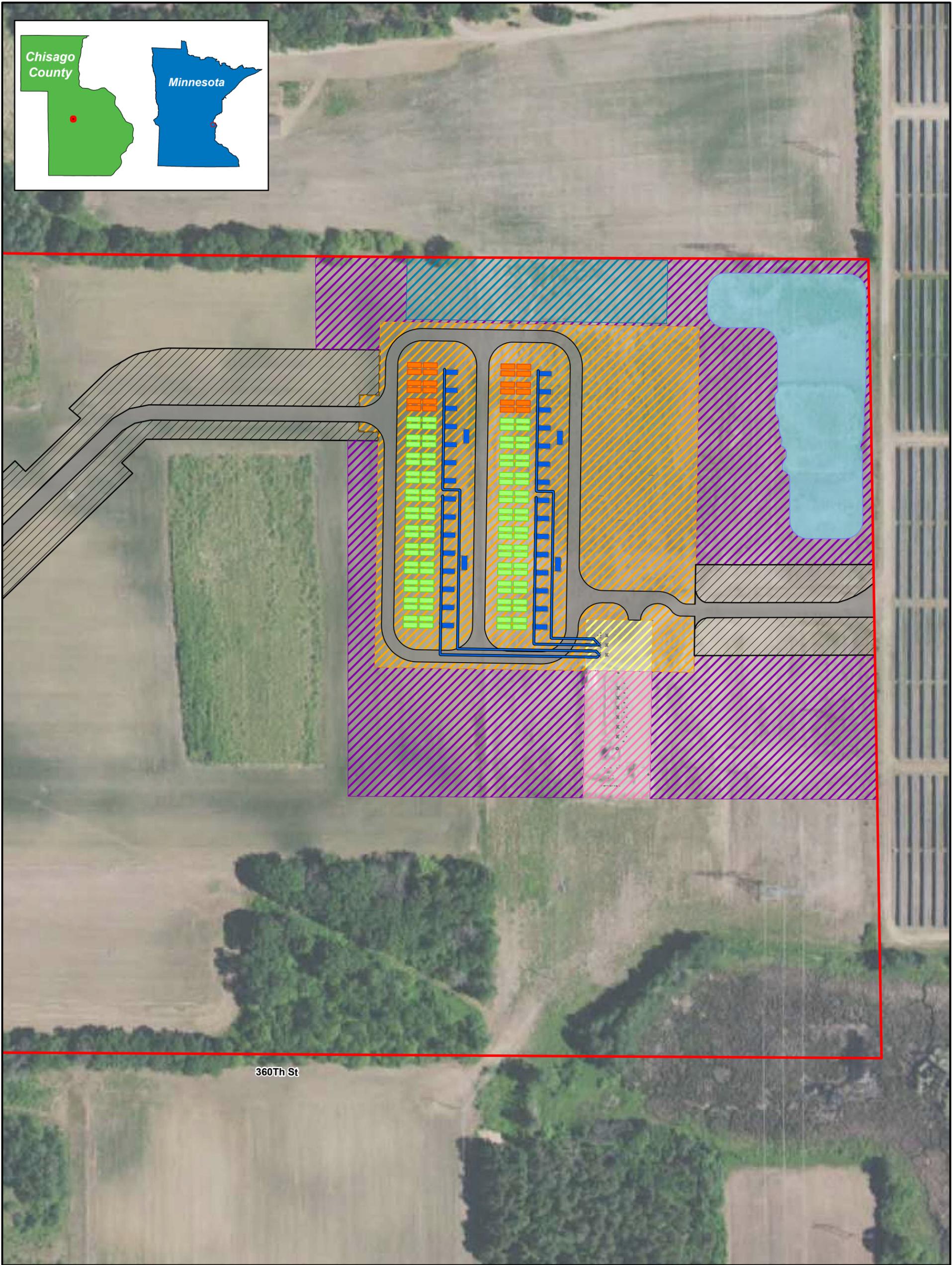
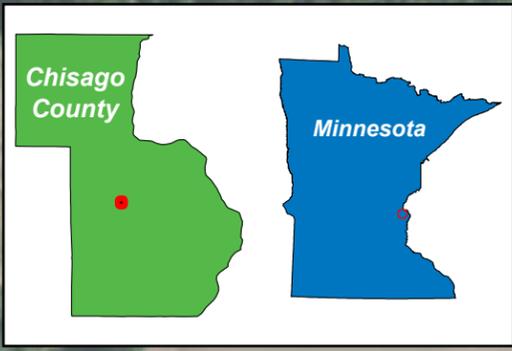


0 75 150 Feet

1:1,800

Map 4
 Detailed Preliminary
 Project Layout
 North Star BESS Project
 Chisago County, MN

-  Land Control Area
-  Access Road
-  Temporary Workspace



360Th St



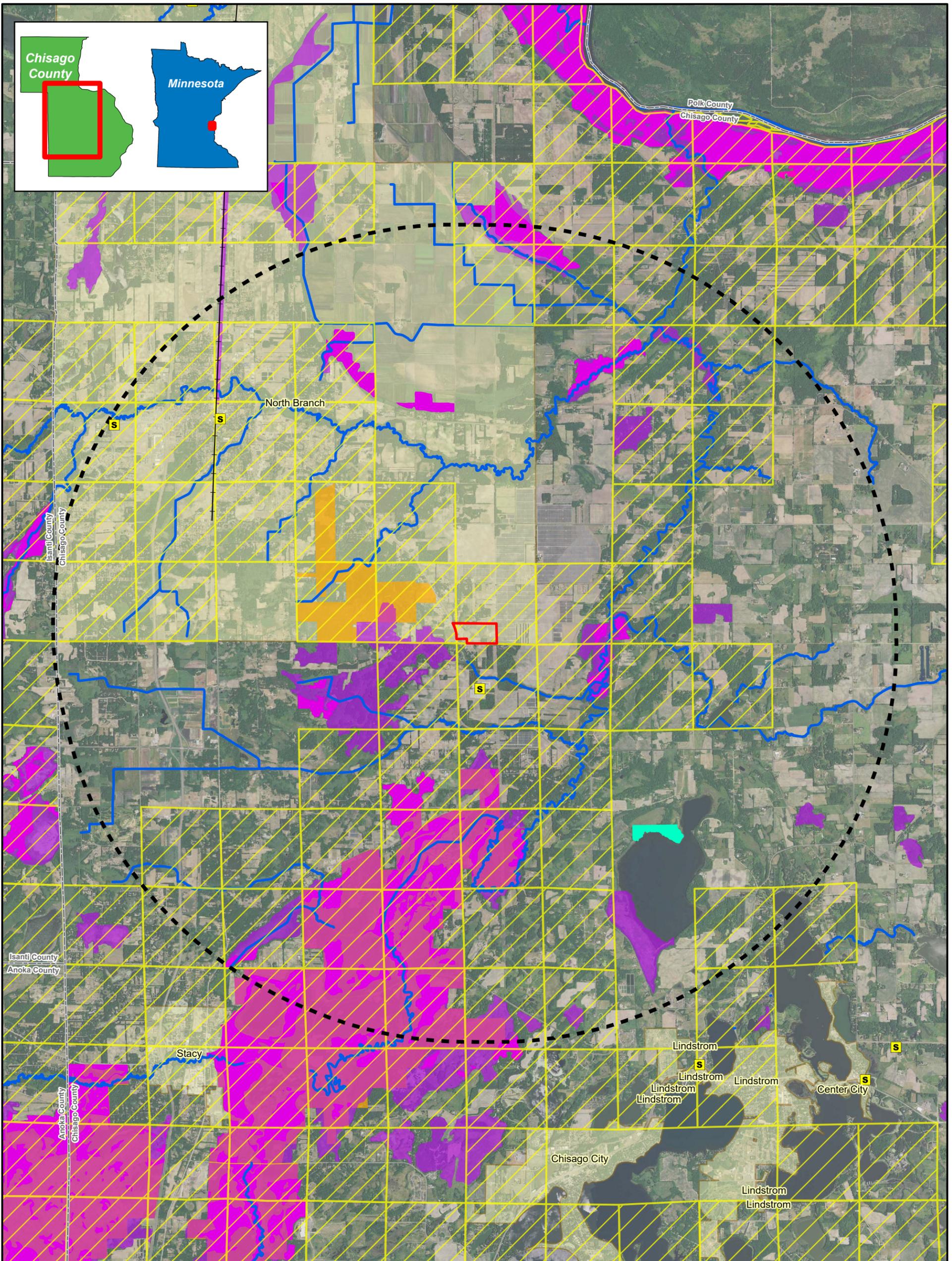
0 75 150 Feet

1:1,800

Map 4 Detailed Preliminary Project Layout North Star BESS Project Chisago County, MN

- Land Control Area
- BESS Container
- BESS Container - Future Augmentation Unit
- Inverter
- Access Road
- Access Road
- Temporary Workspace
- Existing Substation
- Gravel Pad Area
- Solar Facility Substation Expansion
- Temporary Laydown Yard
- Temporary Workspace
- Stormwater Basin Swale
- Feeder Line

Imagery: MNGeo 2021 Color FSA
Sources: DESRI, MN Geospatial Commons, MDNR, ESRI



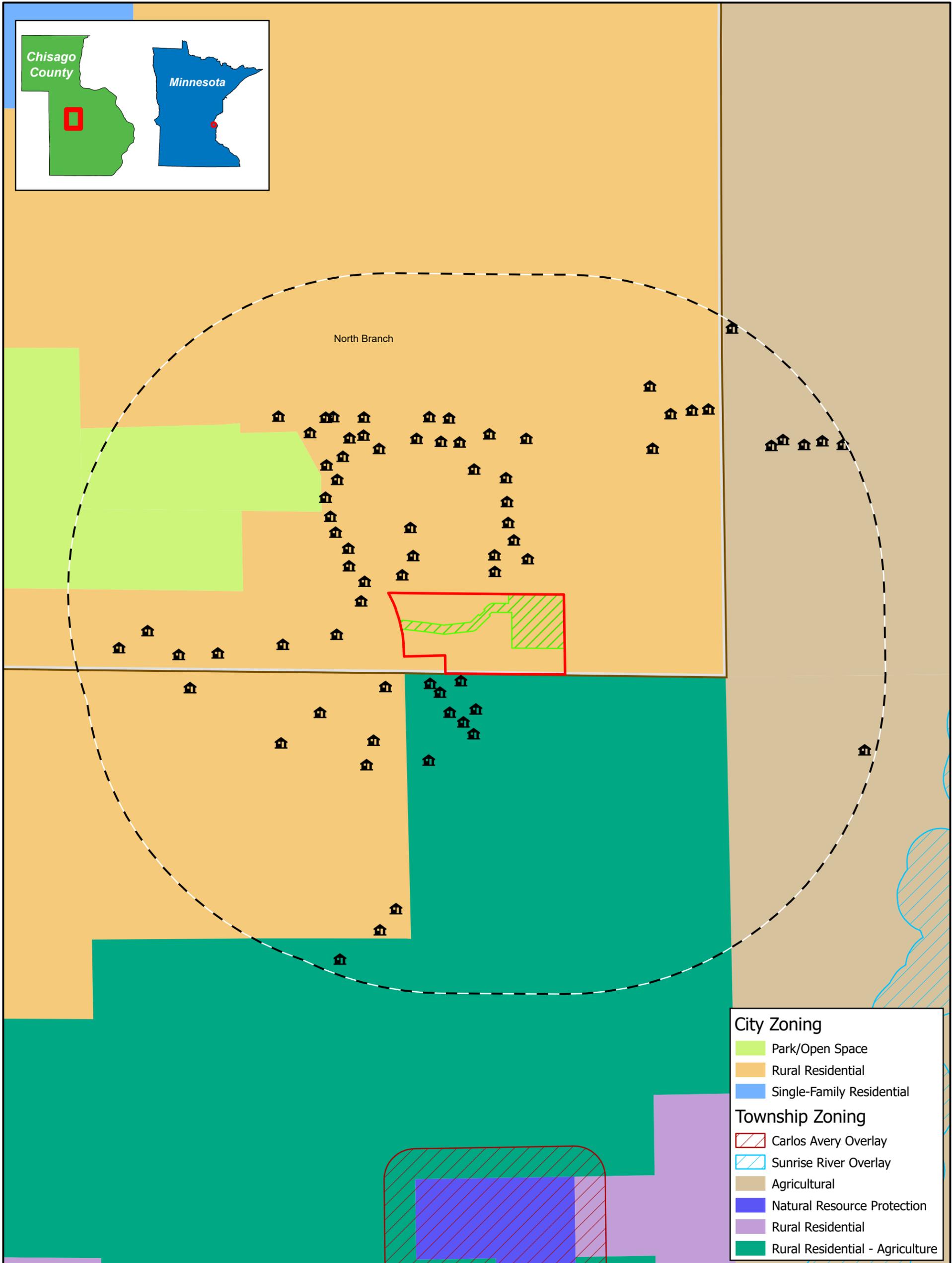
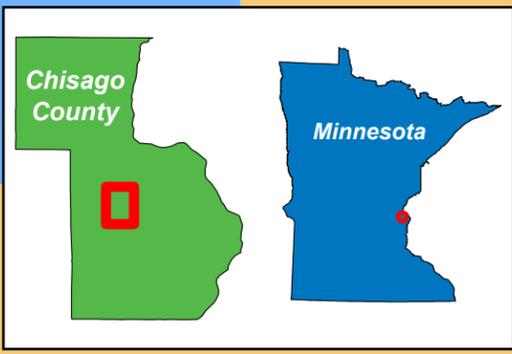
0 1 2 Miles

1:72,000

Map 5 Potential Development Constraints North Star BESS Project Chisago County, MN

- Land Control Area
- Management Area (WMA)
- Native Plant
- Community/Native Prairie
- Sites of Biodiversity Significance
- Public Waters Inventory (PWI)
- Aquatic Management Area
- NHIS Record within Section
- City/Town
- County Boundary

Imagery: MNGeo 2021 Color FSA
Sources: DESRI, MN Geospatial Commons, MDNR, ESRI



City Zoning

- Park/Open Space
- Rural Residential
- Single-Family Residential

Township Zoning

- Carlos Avery Overlay
- Sunrise River Overlay
- Agricultural
- Natural Resource Protection
- Rural Residential
- Rural Residential - Agriculture



0 750 1,500 Feet

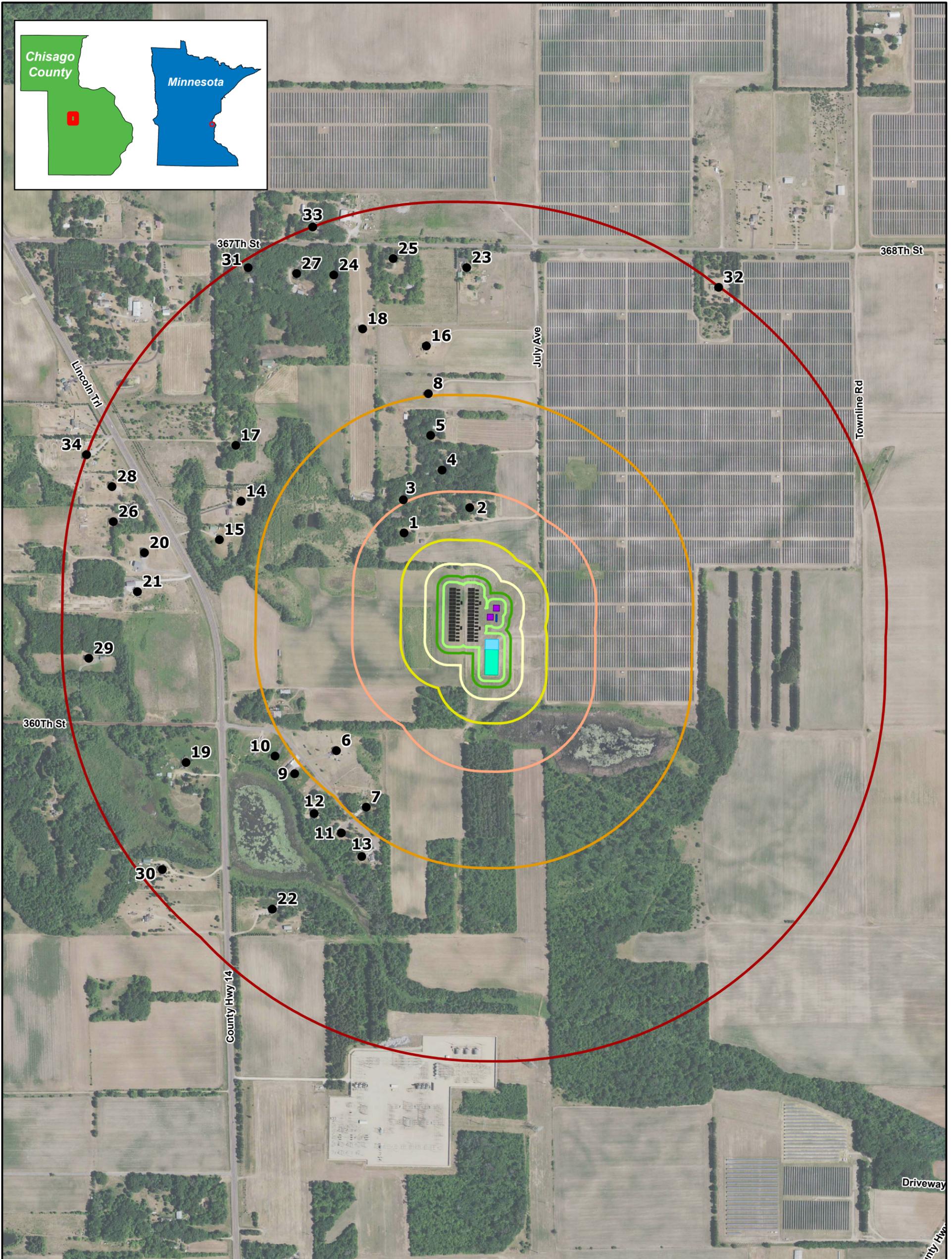
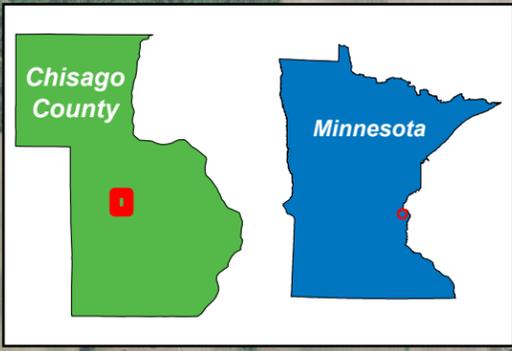


1:18,000

Map 6
Zoning and Residences
North Star BESS Project
Chisago County, MN

- Residence
- Land Control Area
- Preliminary Development Area
- One Mile Buffer
- City/Town

Imagery: MNGeo 2021 Color FSA
 Sources: DESRI, MN Geospatial Commons,
 MDNR, ESRI, Chisago County



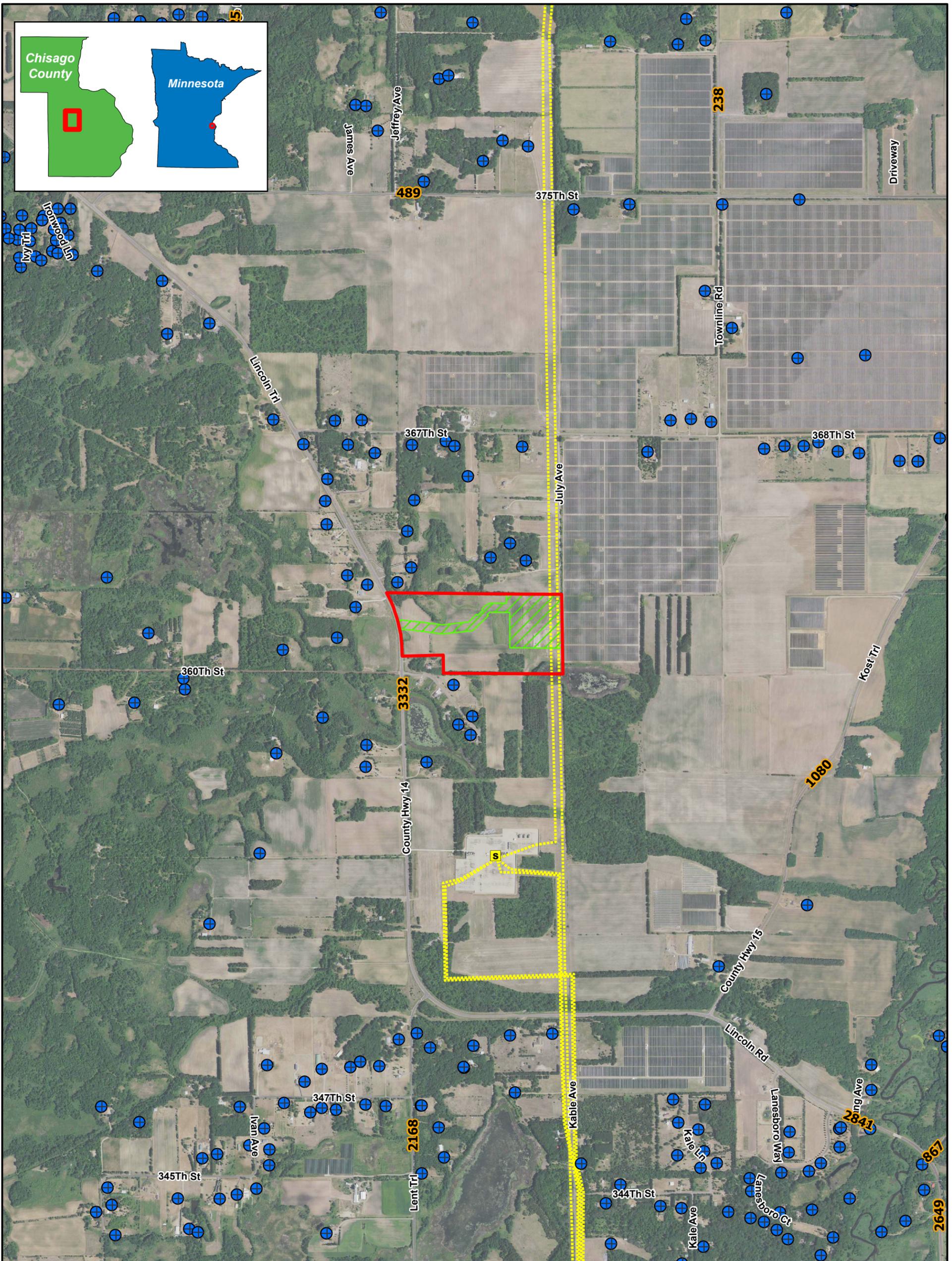
0 375 750 Feet

1:9,000

Map 7 Noise Receptors North Star BESS Project Chisago County, MN

| Noise Buffer (Ft) | |
|------------------------|------|
| ● Residence | 50 |
| ■ BESS | 100 |
| ■ Container | 200 |
| ■ BESS Offset | 400 |
| ■ O&M Building | 800 |
| ■ Existing Substation | 1600 |
| ■ Substation Expansion | 3200 |

Imagery: MNGeo 2021 Color FSA
Sources: DESRI, MN Geospatial Commons, MDNR, ESRI



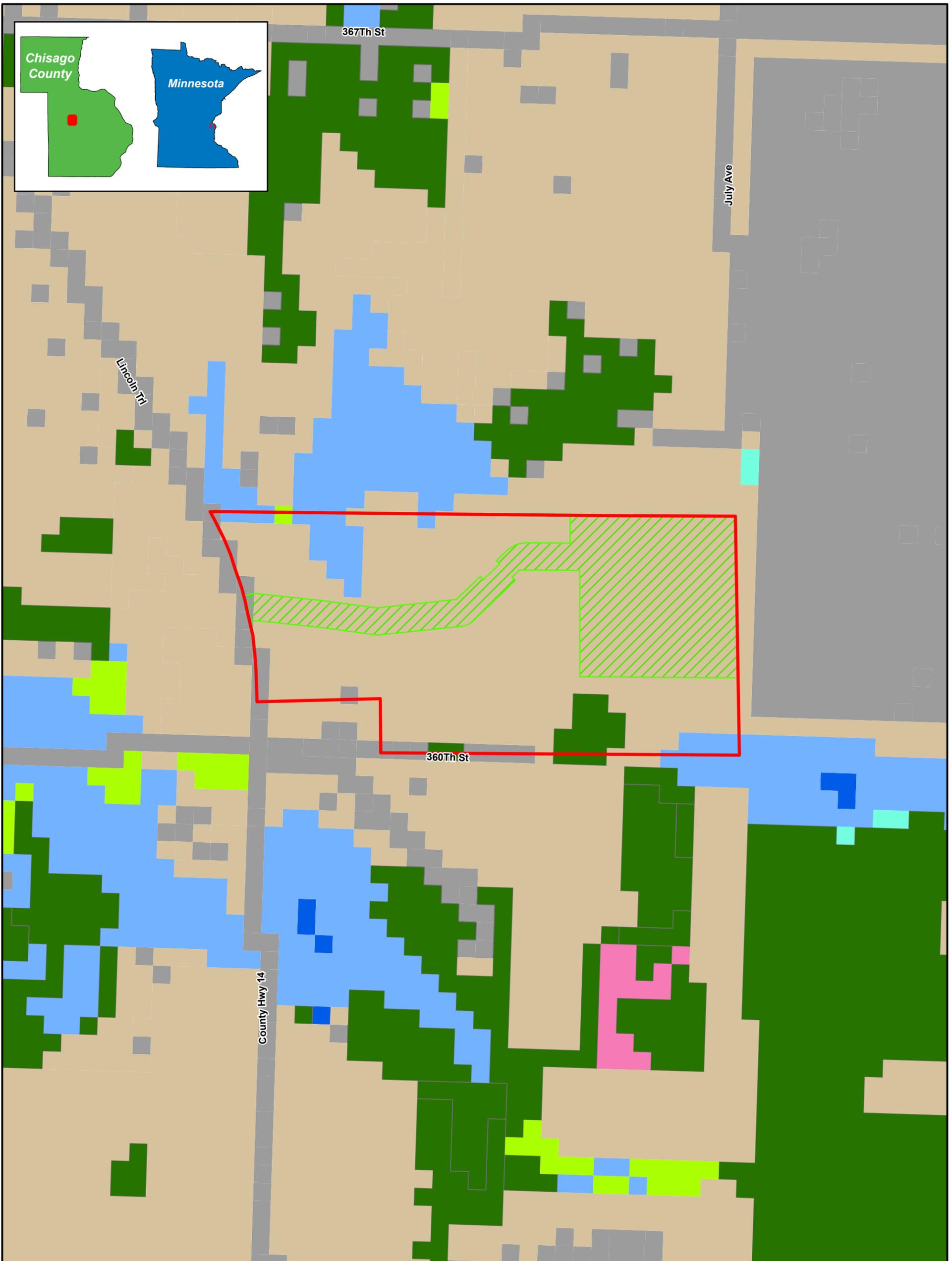
0 750 1,500 Feet

1:18,000

Map 8
Existing Infrastructure and AADT
North Star BESS Project
Chisago County, MN

- Land Control Area
- Preliminary Development Area
- S Existing Substation
- Well
- Transmission Line
- # AADT

Imagery: MNGeo 2021 Color FSA
Sources: DESRI, MN Geospatial Commons,
MDNR, ESRI, HFILD, MNDOT



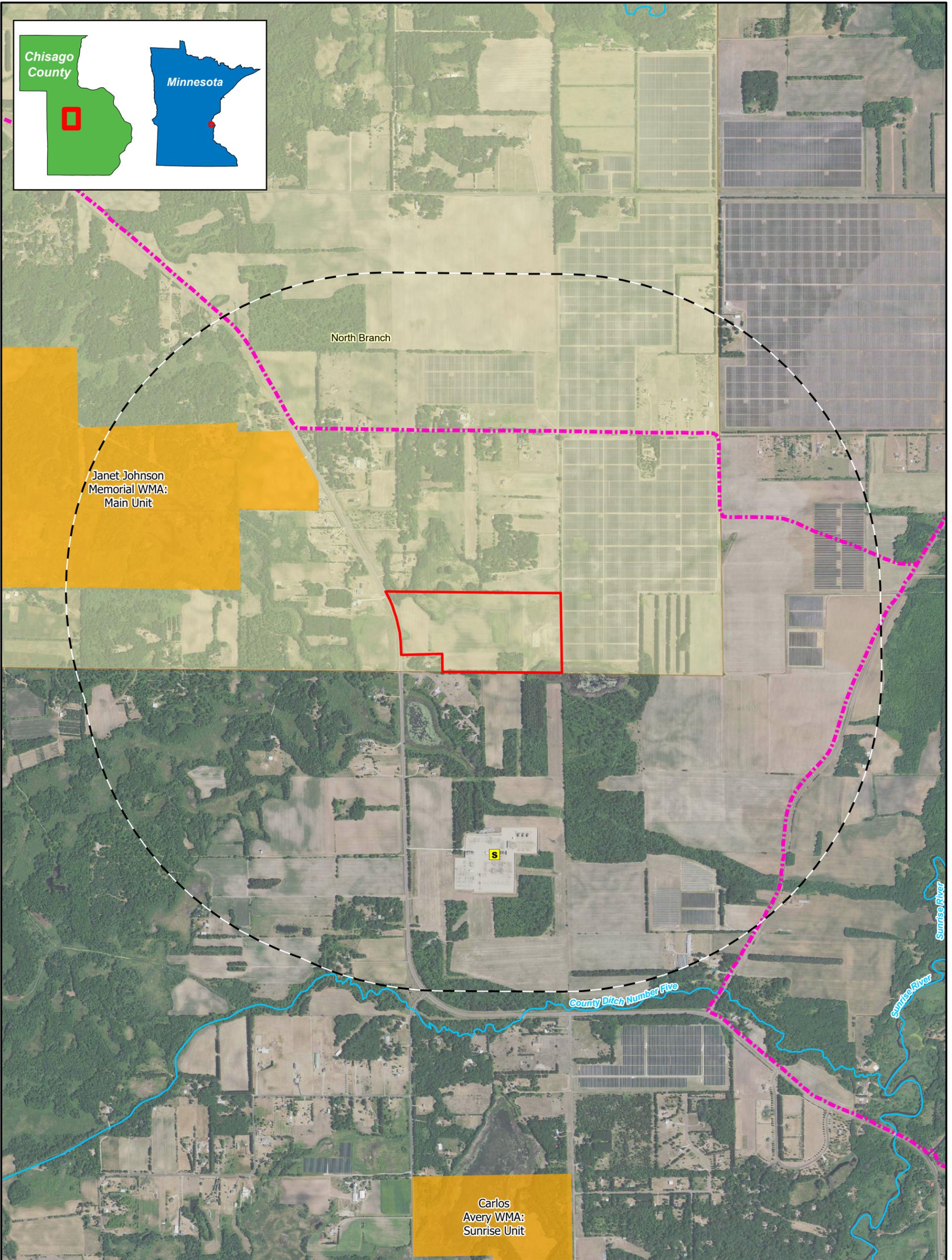
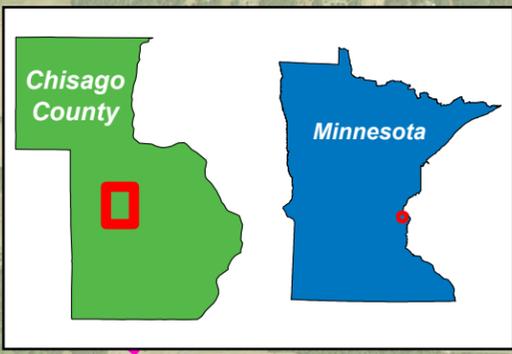
0 250 500 Feet

1:6,000

Map 9 Land Cover/Land Use North Star BESS Project Chisago County, MN

- | | | |
|-------------------------------|------------------------------|-------------------|
| Land Control Area | Preliminary Development Area | Emergent Wetlands |
| Agricultural Land | Herbaceous Wetlands | Herbaceous |
| Forested Land | Open Water | Shrub/Scrub |
| Developed and Other Human Use | Woody Wetlands | |

Imagery: MNGeo 2021 Color FSA
Sources: DESRI, MN Geospatial Commons, MDNR, ESRI, USGS



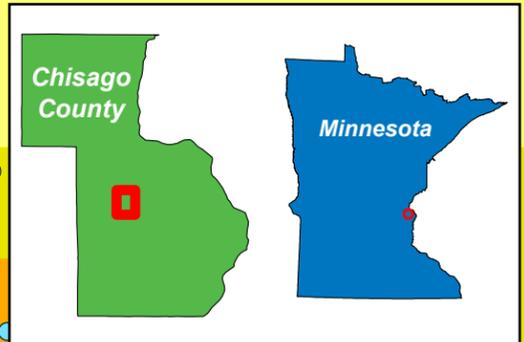
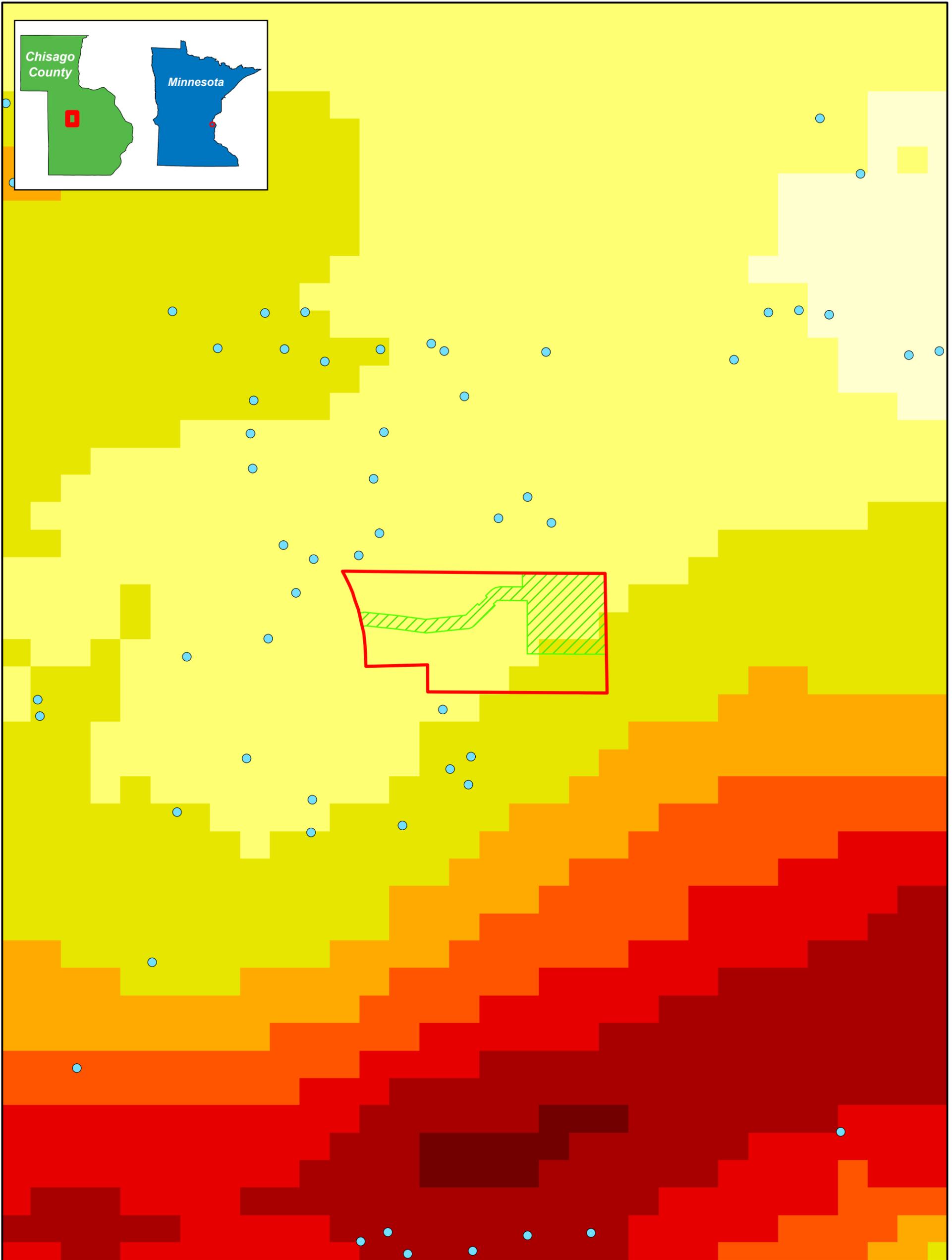
0 750 1,500 Feet



1:18,000

Map 10
Public Land Ownership
and Recreation
North Star BESS Project
Chisago County, MN

- | | |
|---------------------|--------------------------------|
| Land Control Area | Snowmobile Trail |
| One Mile Buffer | Wildlife Management Area (WMA) |
| Existing Substation | City/Town |
| NHD Named Stream | |



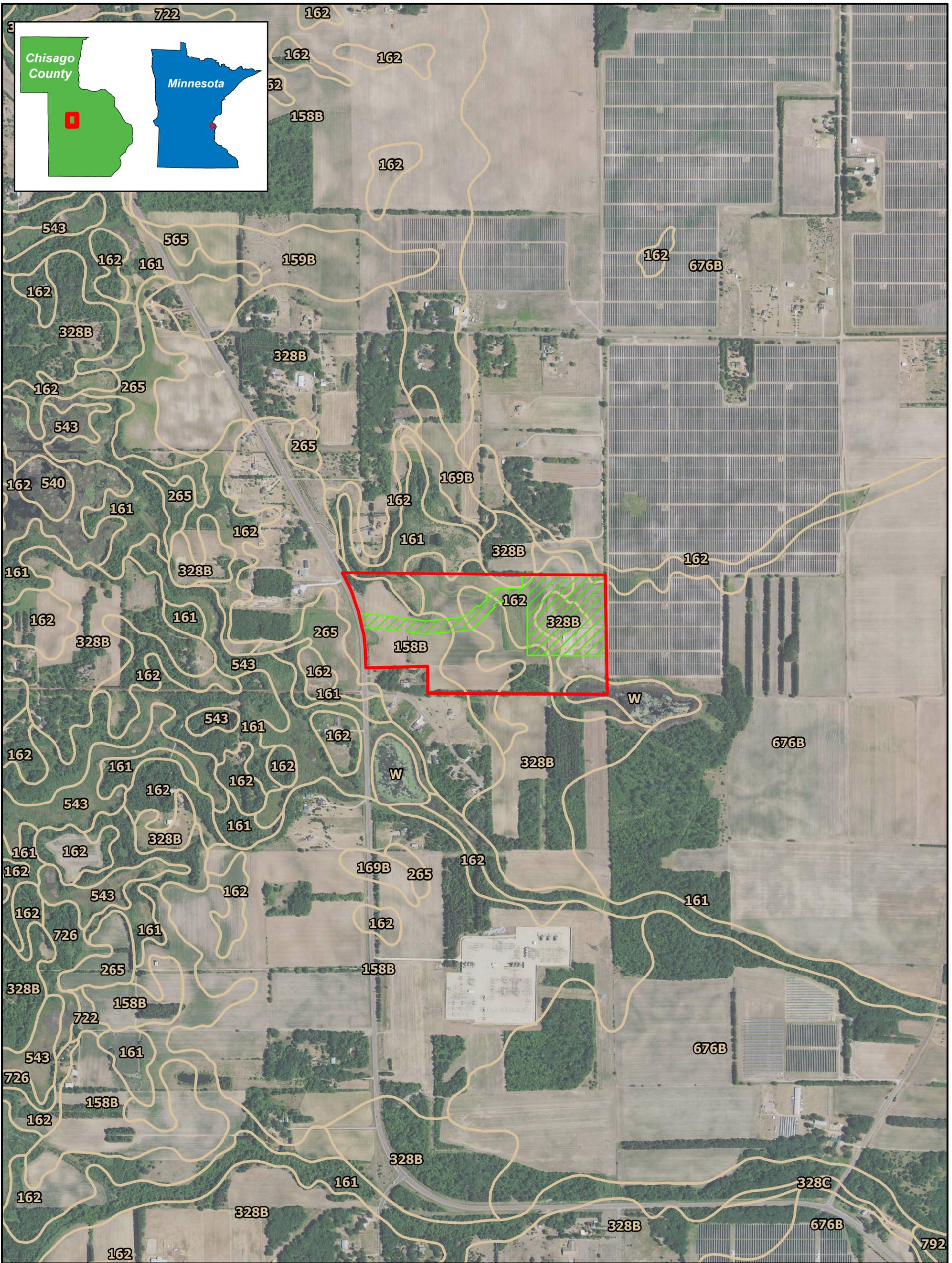
0 500 1,000 Feet

1:12,000

Map 11 Geology and Groundwater Resources North Star BESS Project Chisago County, MN

| | |
|------------------------------|------------------------------|
| Land Control Area | Depth to Bedrock (Ft) |
| Preliminary Development Area | 50 - 100 |
| Well | 100 - 150 |
| | 150 - 200 |
| | 200 - 250 |
| | 250 - 300 |
| | 300 - 350 |
| | 350 - 400 |
| | 400 - 450 |
| | 450 - 500 |
| | 500 - 550 |

Imagery: MNGeo 2021 Color FSA
Sources: DESRI, MN Geospatial Commons,
MDNR, ESRI, MN Geological Survey



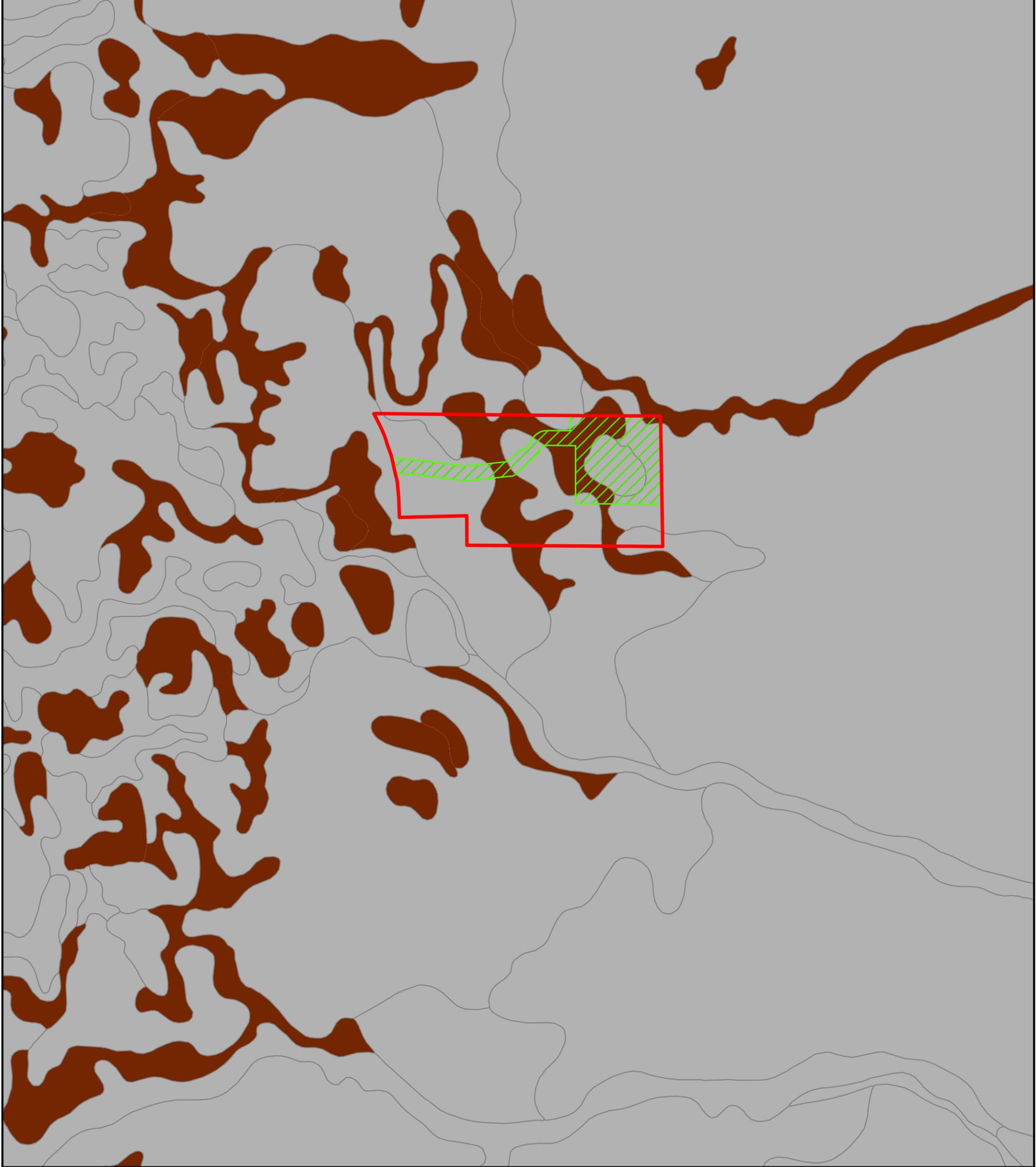
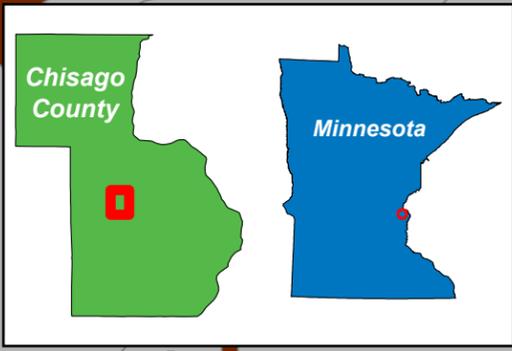
0 750 1,500 Feet

1:12,000

Map 12
 NRCS Soils Map
 North Star BESS Project
 Chisago County, MN

- Land Control Area
- Preliminary Development Area
- SSURGO Soils

Imagery: MNGeo 2021 Color FSA
 Sources: DESRI, MN Geospatial Commons, MDNR, ESRI, NRCS



0 500 1,000 Feet

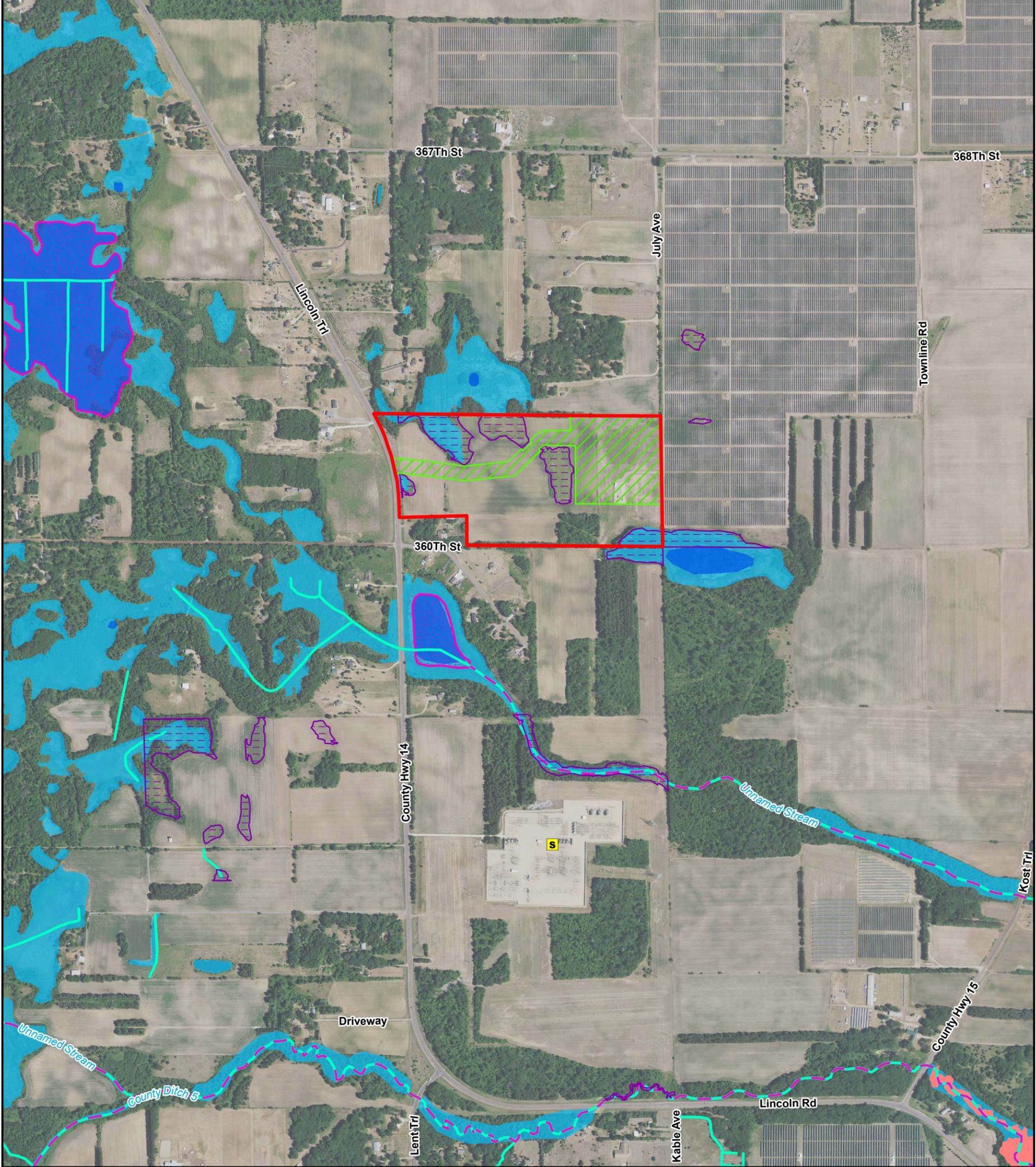


1:12,000

Map 13
Farmland Classifications
North Star BESS Project
Chisago County, MN

- | | |
|--|--|
|  Land Control Area |  Farmland of statewide importance |
|  Preliminary Development Area |  Not prime farmland |

Imagery: MNGeo 2021 Color FSA
Sources: DESRI, MN Geospatial Commons,
MDNR, ESRI, NRCS



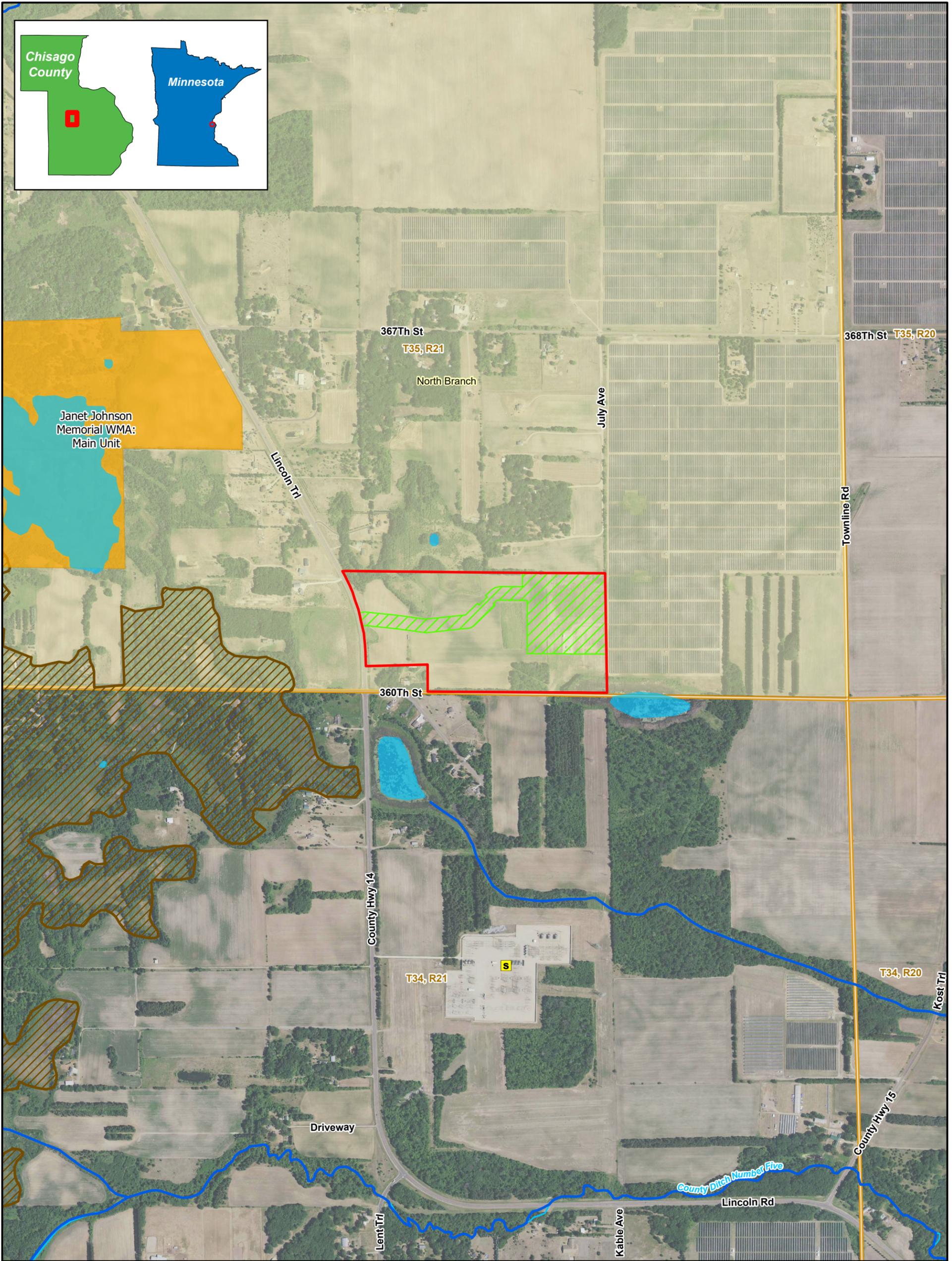
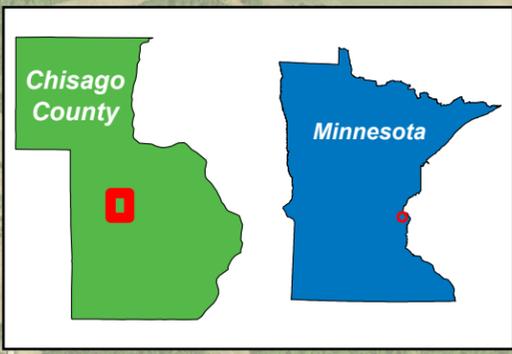
0 750 1,500 Feet

1:12,000

Map 14 Surface Waters North Star BESS Project Chisago County, MN

- ▬ Land Control Area
- ▨ Preliminary Development Area
- S Existing Substation
- ▬ Waterbody (MDNR)
- - - Public Waters Inventory (PWI)
- ▬ Lake/Pond (MDNR)
- ▭ Public Waters Inventory (PWI)
- ▬ NWI Wetland (MDNR)
- ▭ Delineated Wetland
- ▭ 1% Annual Chance Flood Hazard

Imagery: MNGeo 2021 Color FSA
Sources: DESRI, MN Geospatial Commons, MDNR, ESRI



0 750 1,500 Feet

1:12,000

Map 15 Unique Natural Features North Star BESS Project Chisago County, MN

- ▭ Land Control Area
- ▨ Preliminary Development Area
- S Existing Substation
- Public Waters Inventory (PWI)
- ~ River/Stream
- Lake/Pond
- ▨ Wildlife Management Area (WMA)
- ▭ City/Town
- ▨ Township
- ▭ Sites of Biodiversity Significance
- ▨ Moderate

Imagery: MNGeo 2021 Color FSA
Sources: DESRI, MN Geospatial Commons, MDNR, ESRI