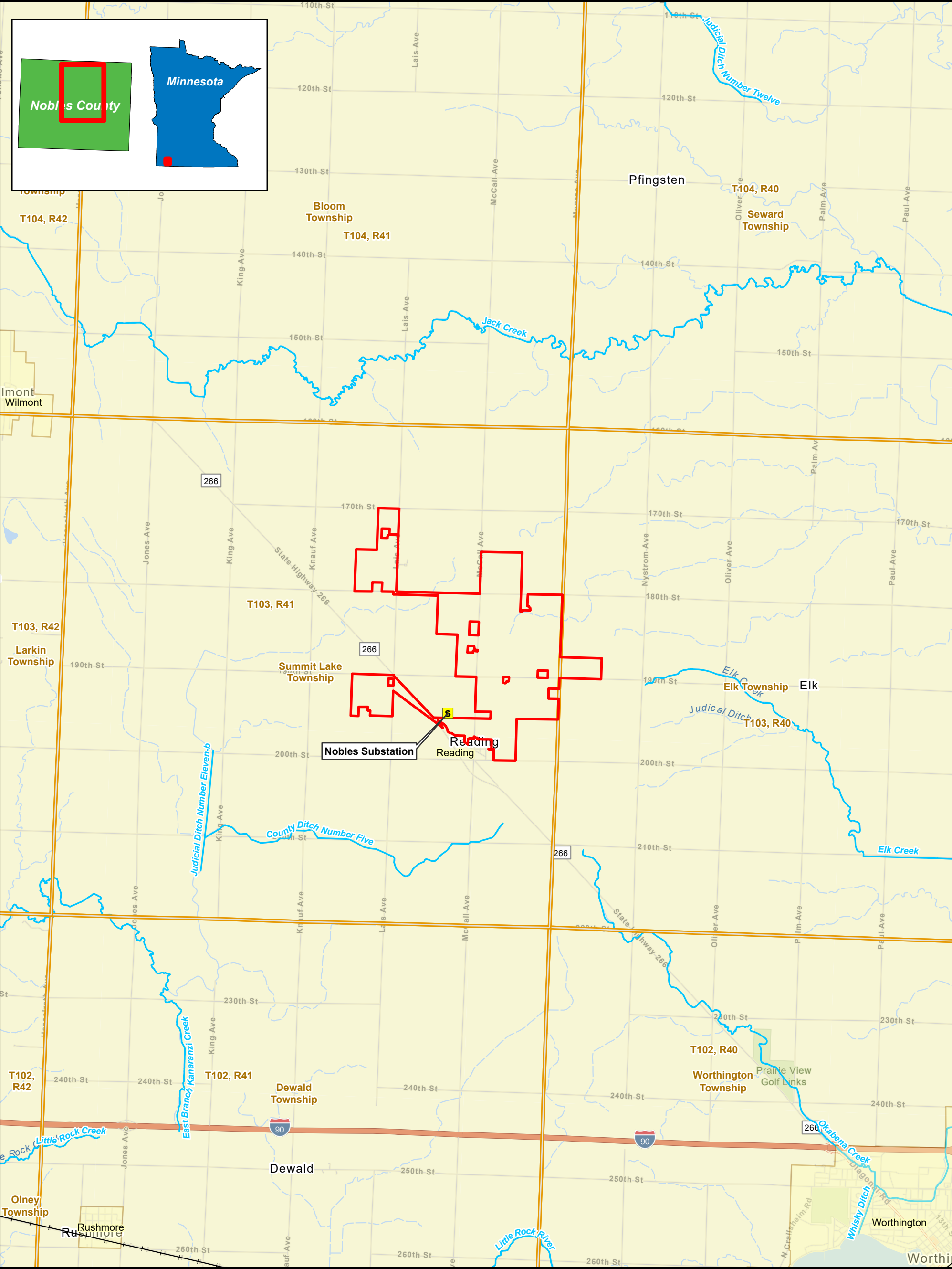


Maps



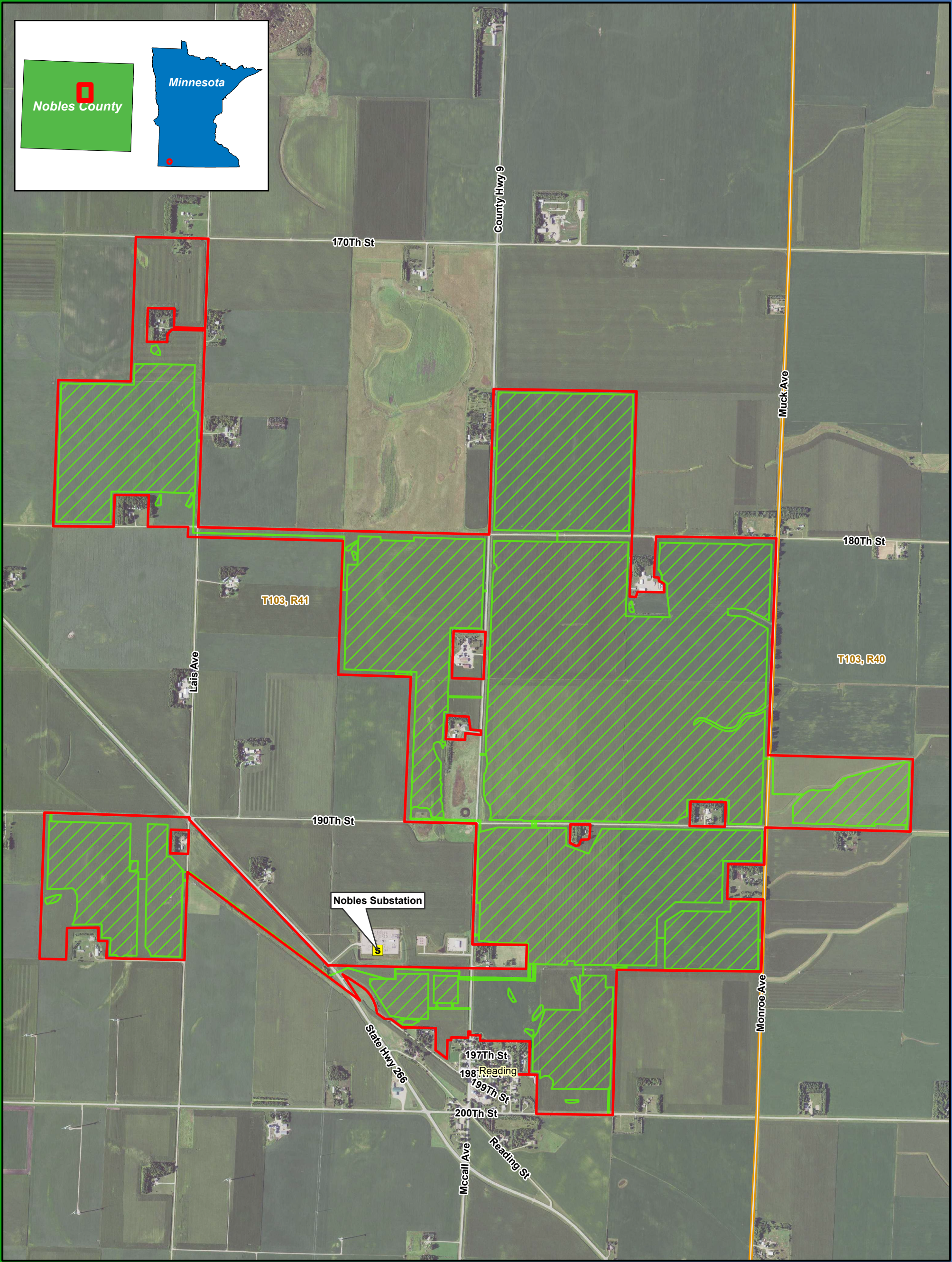
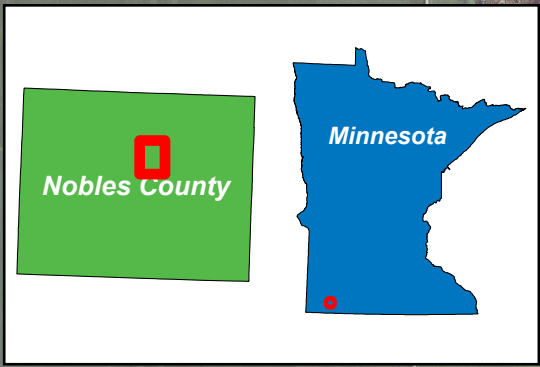
0 1 2 Miles

1:70,000

Map 1
Project Location
Summit Lake Solar and
BESS Projects
Nobles County, MN

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

Imagery: USGS
Sources: National Grid Renewables, MN Geospatial Commons,
MDNR, ESRI

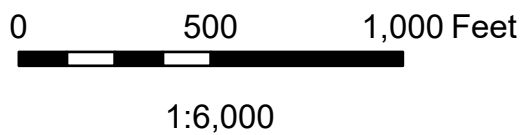
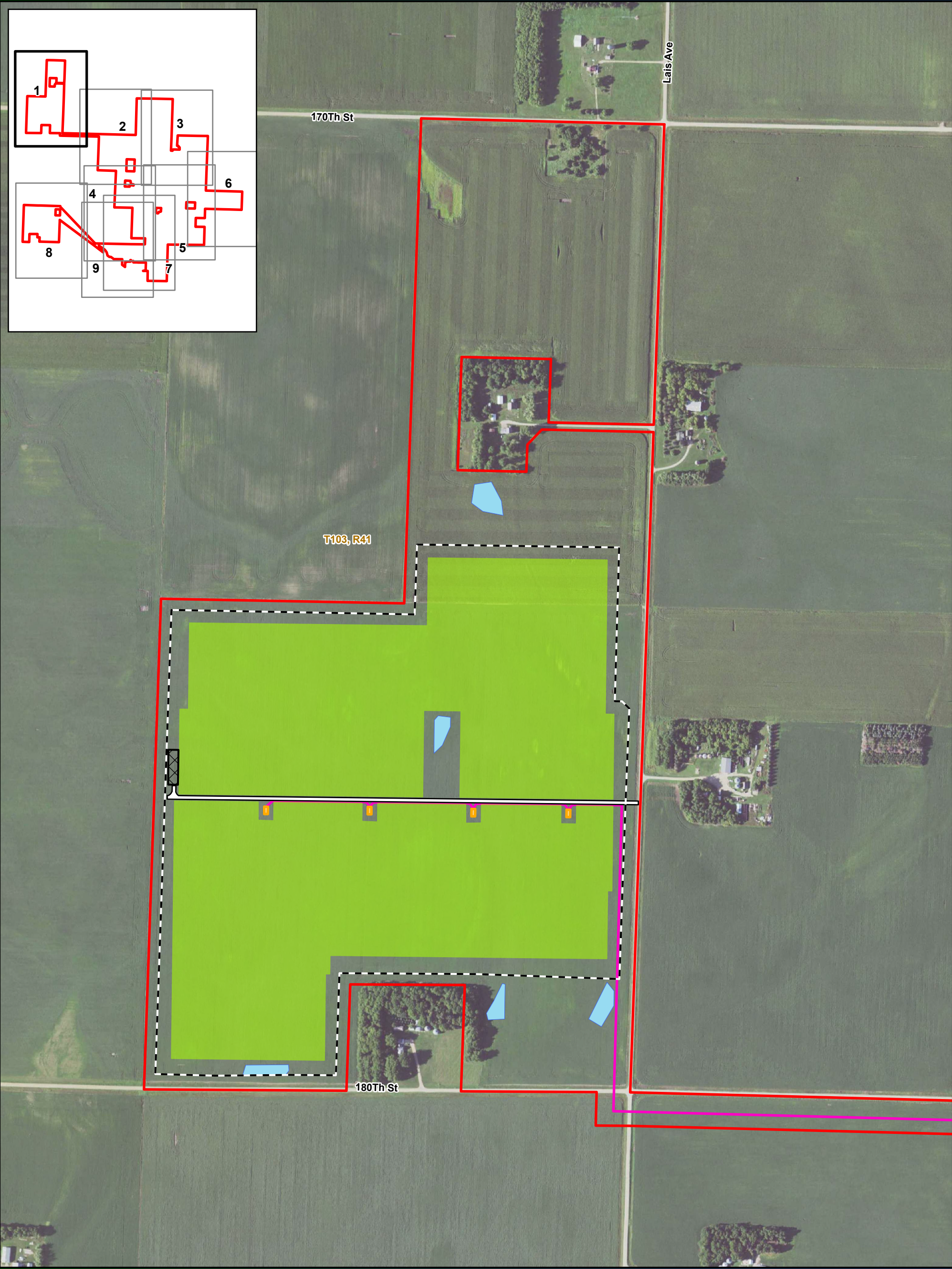
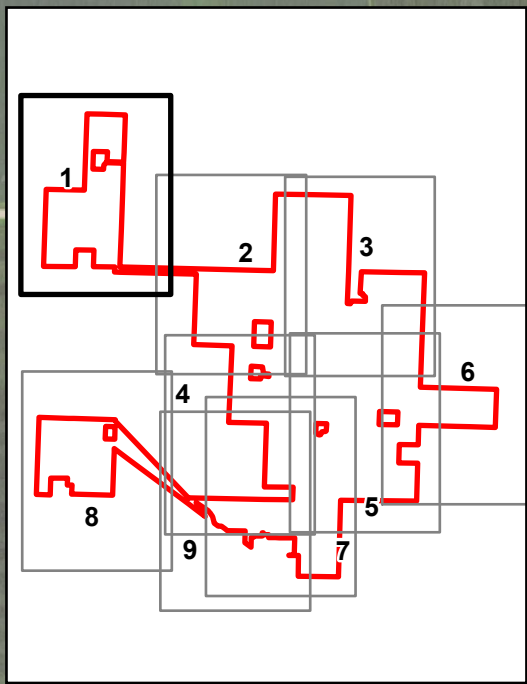


0 1,500 3,000 Feet
1:20,000

Imagery Source: 2021 FSA
Sources: National Grid Renewables, MN Geospatial Commons,
MDNR, ESRI

Map 2 Land Control and Preliminary Development Areas Summit Lake Solar and BESS Projects Nobles County, MN

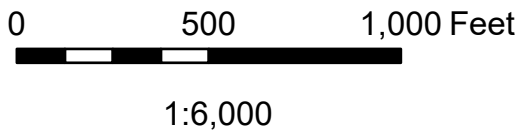
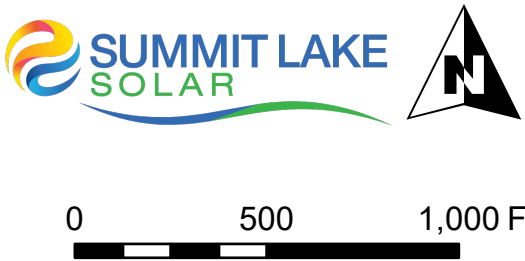
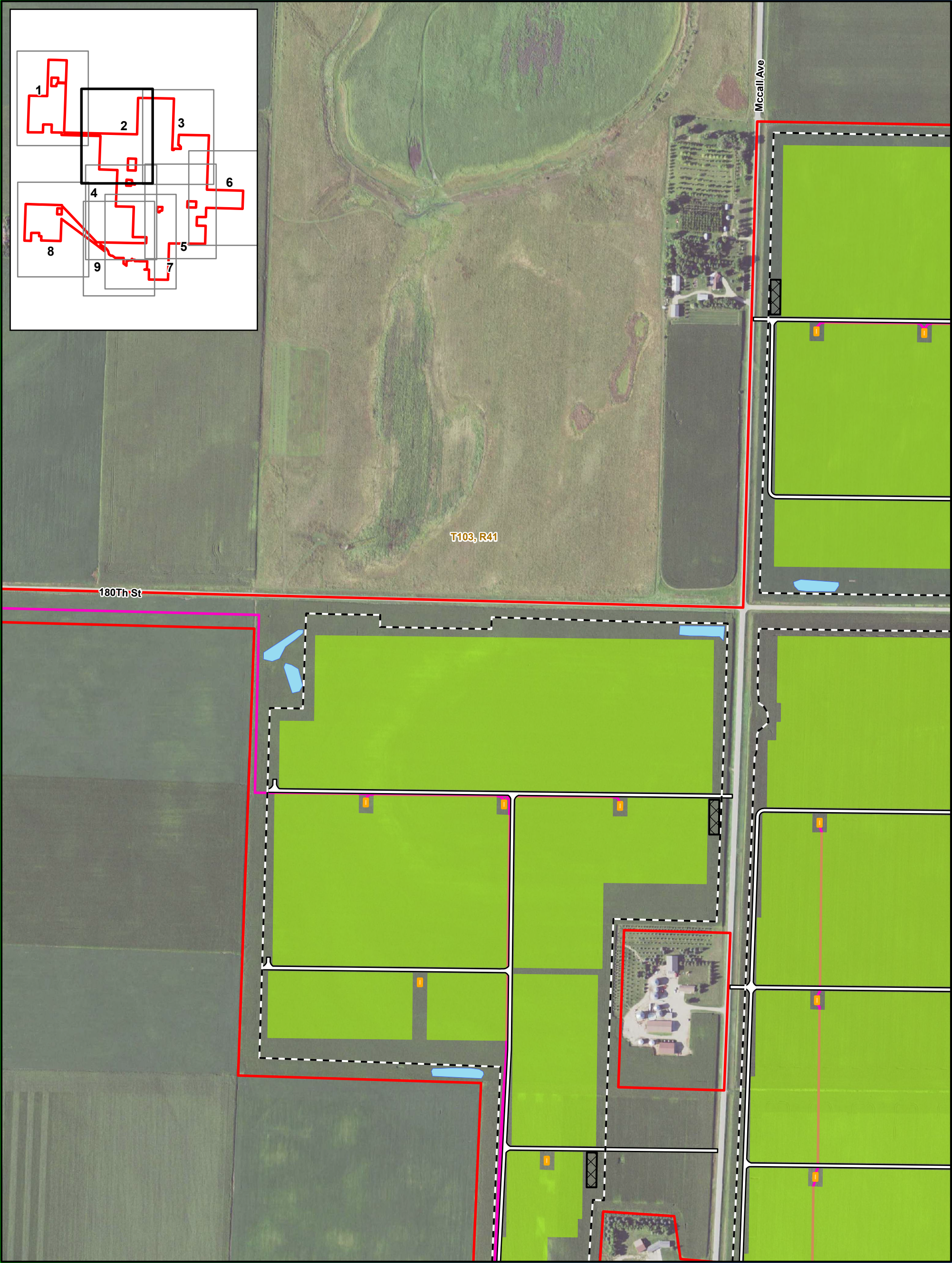
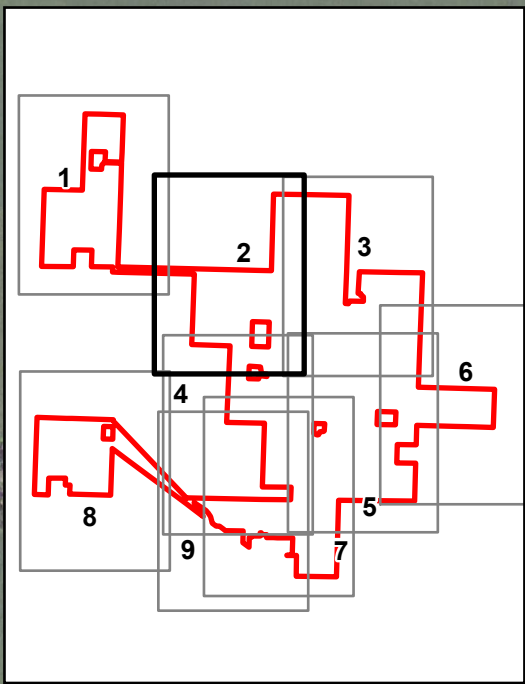
- | | |
|---------------------|------------------------------|
| Existing Substation | Preliminary Development Area |
| Land Control Area | Township |
| | County Boundary |



Imagery Source: 2021 FSA
Sources: National Grid Renewables, MN Geospatial Commons,
MDNR, ESRI

Map 4 Detailed Preliminary Project Layout Summit Lake Solar and BESS Projects Nobles County, MN

- | | |
|-------------------|-----------------------------------|
| Land Control Area | Solar Array |
| Laydown Area | Collection and Communication Line |
| Inverter | Stormwater Pond |
| Security Fence | Township |
| Access Road | |



Map 4
Detailed Preliminary
Project Layout
Summit Lake Solar and
BESS Projects
Nobles County, MN

- | | |
|-------------------|-----------------------------------|
| Land Control Area | Solar Array |
| Laydown Area | Collection and Communication Line |
| Inverter | Stormwater Pond |
| Security Fence | Township |
| Access Road | |

Imagery Source: 2021 FSA
Sources: National Grid Renewables, MN Geospatial Commons,
MDNR, ESRI

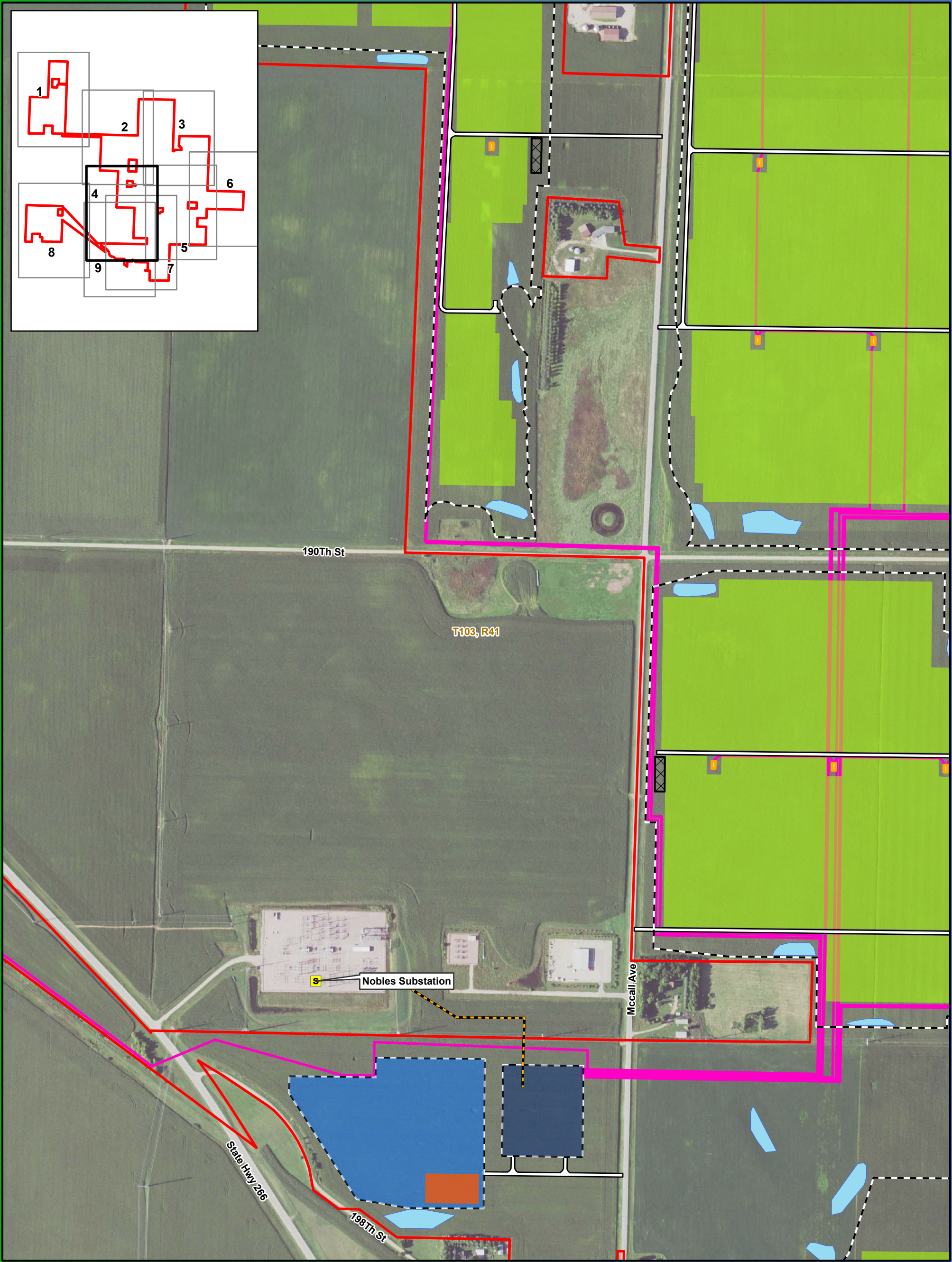


0 500 1,000 Feet
1:6,000

Imagery Source: 2021 FSA
Sources: National Grid Renewables, MN Geospatial Commons, MDNR, ESRI

Map 4 Detailed Preliminary Project Layout Summit Lake Solar and BESS Projects Nobles County, MN

- Land Control Area
- Laydown Area
- Inverter
- Security Fence
- Access Road
- Solar Array
- Collection and Communication Line
- Stormwater Pond
- Township



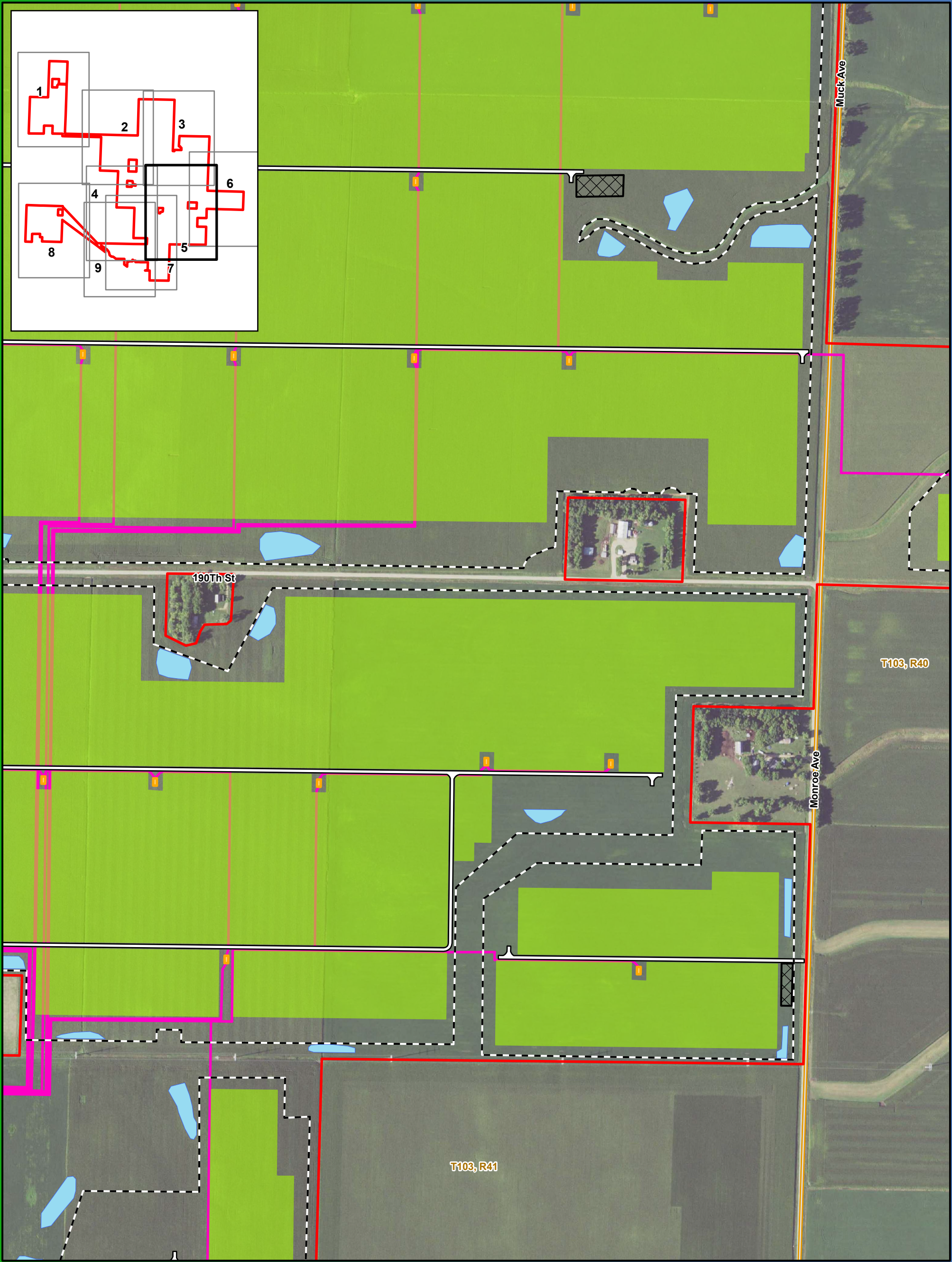
0 500 1,000 Feet

1:6,000

Imagery Source: 2021 FSA
Sources: National Grid Renewables, MN Geospatial Commons,
MDNR, ESRI

Map 4 Detailed Preliminary Project Layout Summit Lake Solar and BESS Projects Nobles County, MN

- | | |
|---------------------|-----------------------------------|
| Existing Substation | Security Fence |
| Land Control Area | Access Road |
| Laydown Area | Solar Array |
| Inverter | Collection and Communication Line |
| BESS Facility | Gen-Tie Line |
| Project Substation | Stormwater Pond |
| O&M Facility | Township |

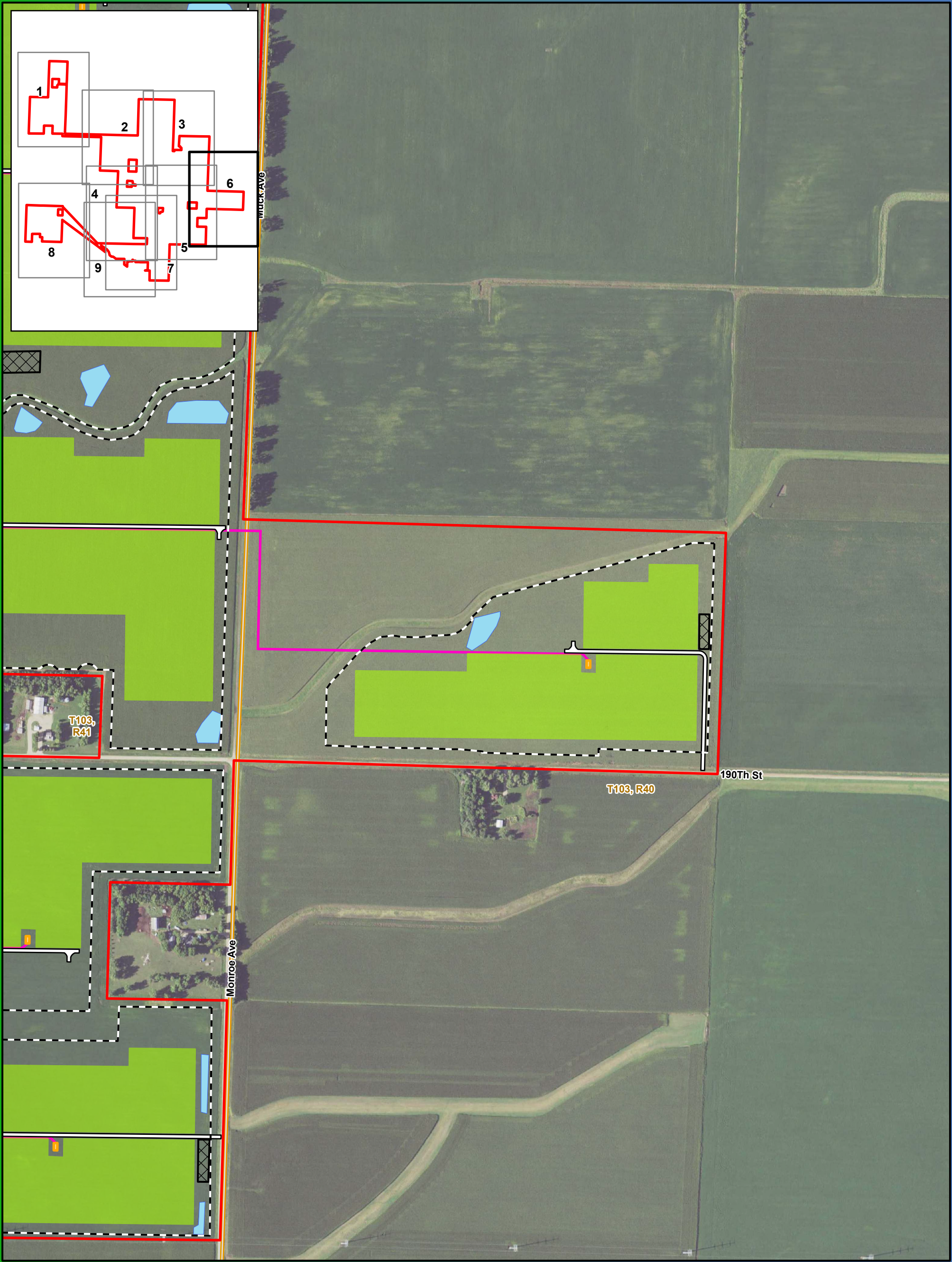


0 500 1,000 Feet
1:6,000

Map 4
Detailed Preliminary
Project Layout
Summit Lake Solar and
BESS Projects
Nobles County, MN

- | | |
|-------------------|-----------------------------------|
| Land Control Area | Solar Array |
| Laydown Area | Collection and Communication Line |
| Inverter | Stormwater Pond |
| Security Fence | Township |
| Access Road | |

Imagery Source: 2021 FSA
Sources: National Grid Renewables, MN Geospatial Commons,
MDNR, ESRI

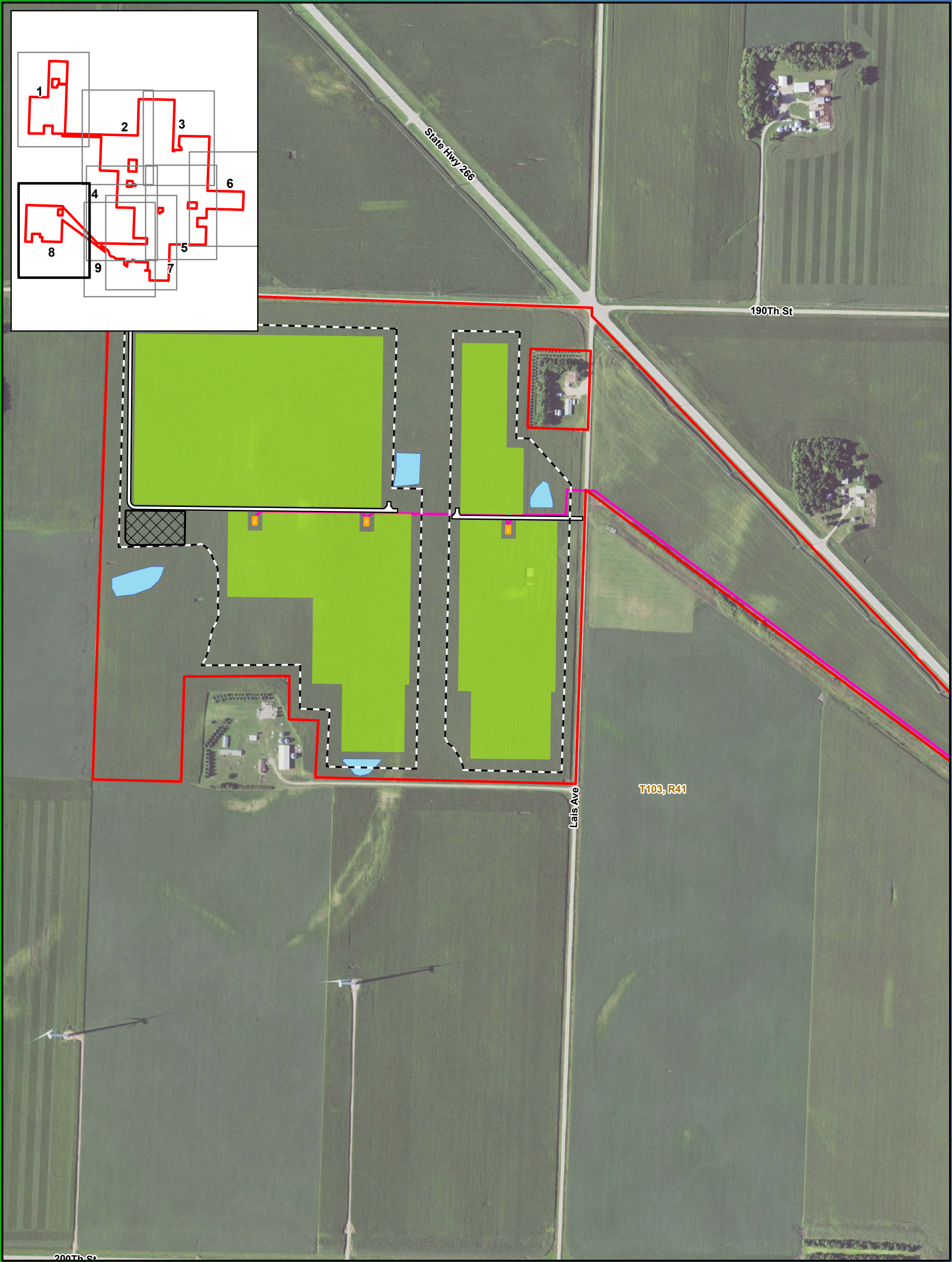


0 500 1,000 Feet
1:6,000

Imagery Source: 2021 FSA
Sources: National Grid Renewables, MN Geospatial Commons,
MDNR, ESRI

Map 4 Detailed Preliminary Project Layout Summit Lake Solar and BESS Projects Nobles County, MN

- | | |
|-------------------|-----------------------------------|
| Land Control Area | Solar Array |
| Laydown Area | Collection and Communication Line |
| Inverter | Stormwater Pond |
| Security Fence | Township |
| Access Road | |

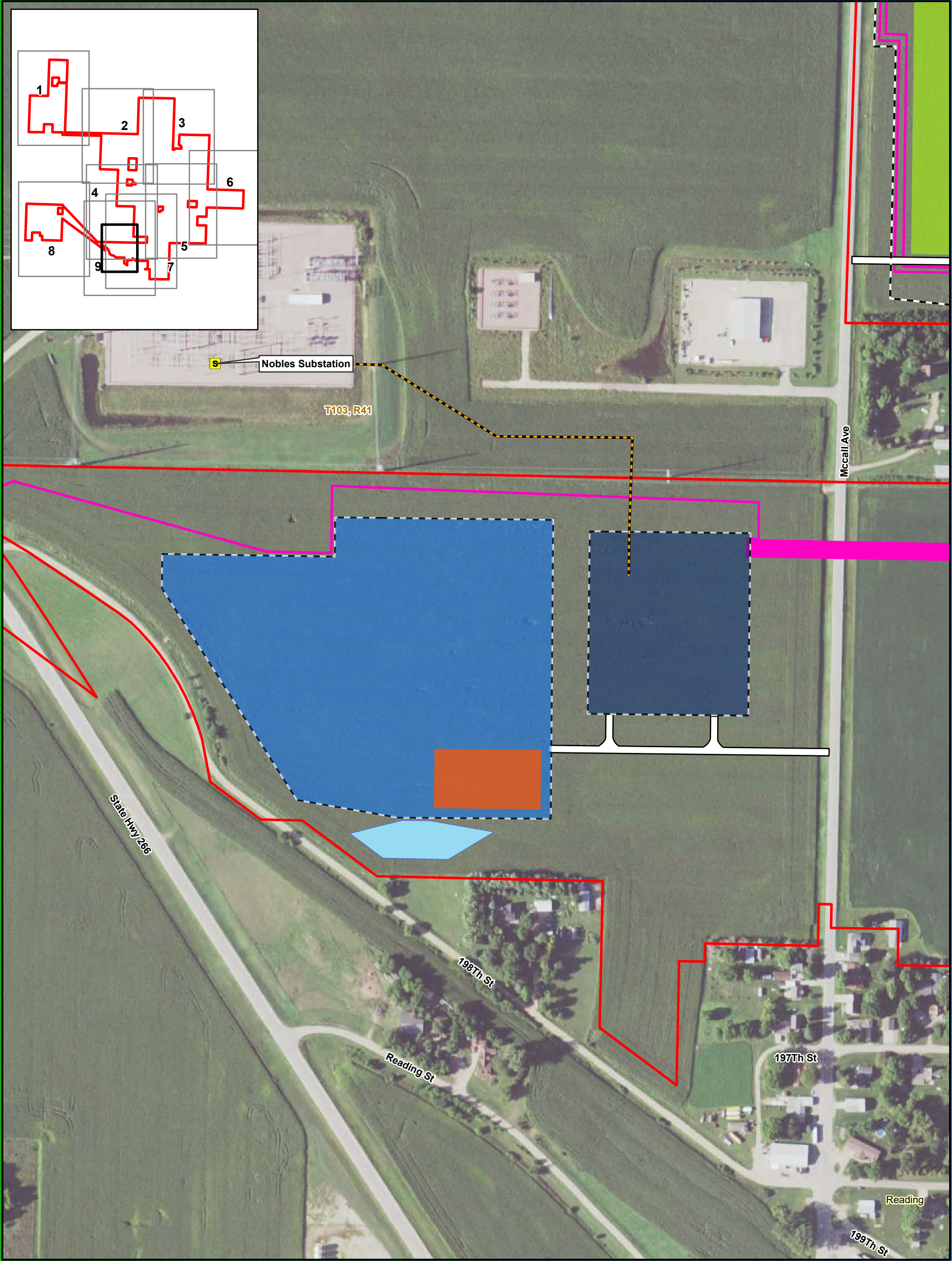


0 500 1,000 Feet
1:6,000

Imagery Source: 2021 FSA
Sources: National Grid Renewables, MN Geospatial Commons,
MDNR, ESRI

Map 4 Detailed Preliminary Project Layout Summit Lake Solar and BESS Projects Nobles County, MN

- | | |
|-------------------|-----------------------------------|
| Land Control Area | Solar Array |
| Laydown Area | Collection and Communication Line |
| Inverter | Stormwater Pond |
| Security Fence | Township |
| Access Road | |

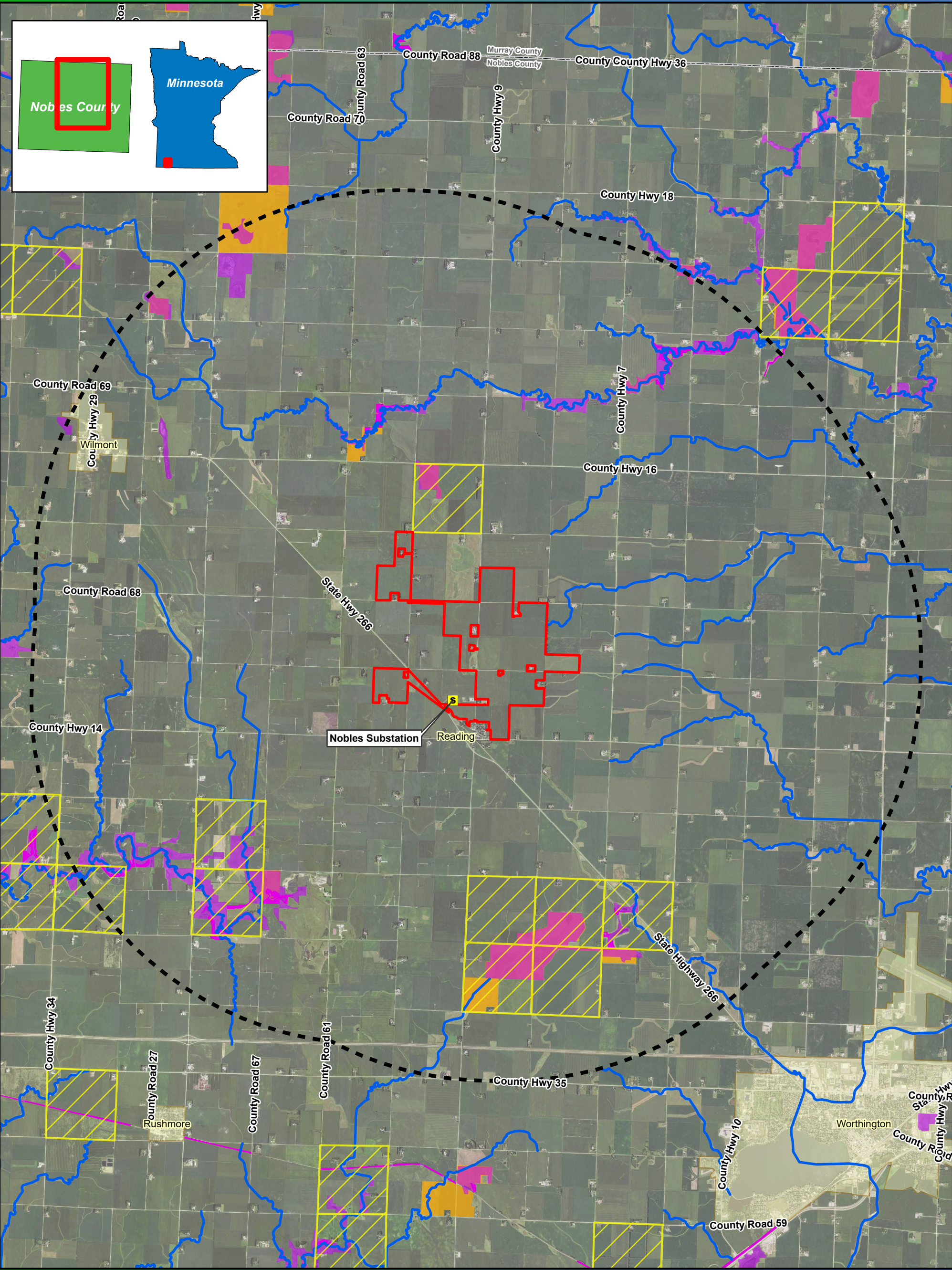


0 260 520 Feet
1:3,000

Map 4
Detailed Preliminary
Project Layout
Summit Lake Solar and
BESS Projects
Nobles County, MN

- | | |
|---------------------|-----------------------------------|
| Existing Substation | Access Road |
| Land Control Area | Solar Array |
| BESS Facility | Collection and Communication Line |
| Project Substation | Gen-Tie Line |
| O&M Facility | Stormwater Pond |
| Security Fence | Township |

Imagery Source: 2021 FSA
Sources: National Grid Renewables, MN Geospatial Commons, MDNR, ESRI





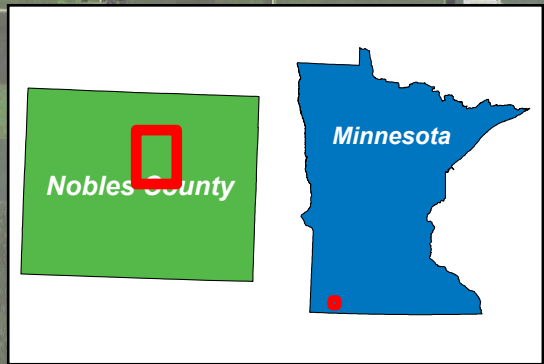
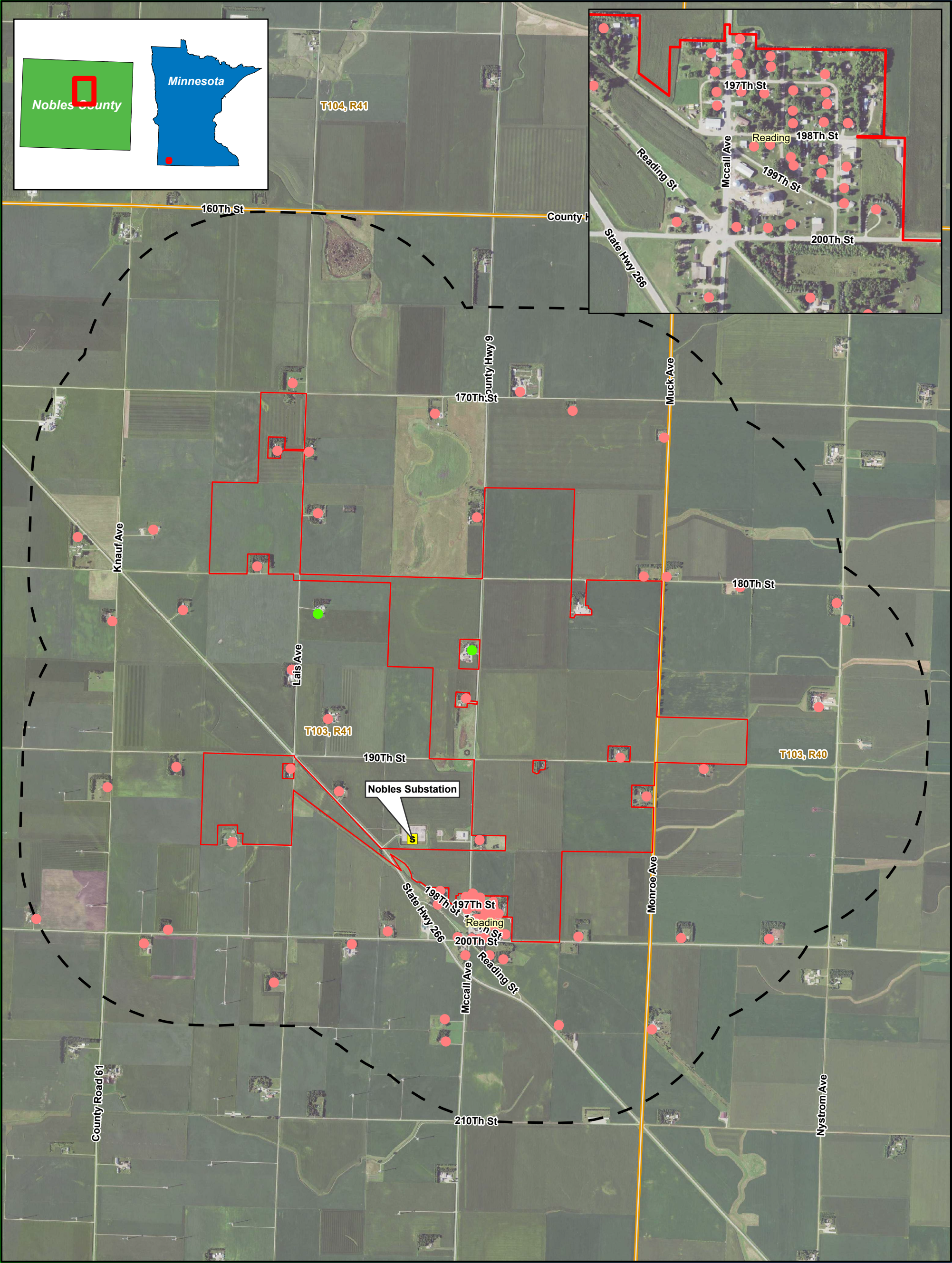
012 Miles

1:85,000

Imagery Source: 2021 FSA
Sources: National Grid Renewables, MN Geospatial Commons,
MDNR, ESRI

Map 5
Potential Solar
Development Constraints
Summit Lake Solar and
BESS Projects
Nobles County, MN

- | | |
|---|--|
|  Existing Substation |  Sites of Biodiversity Significance |
|  Land Control Area |  Public Waters Inventory (PWI) |
|  Land Control Area - 5 Mile Buffer |  NHIS Record within Section |
|  Wildlife Management Area (WMA) |  City/Town |
|  Native Plant Community/Native Prairie |  County Boundary |





02,0004,000 Feet

1:32,000

Map 6
Residences within One Mile of
the Land Control Area
Summit Lake Solar and
BESS Projects
Nobles County, MN

-  Existing Substation

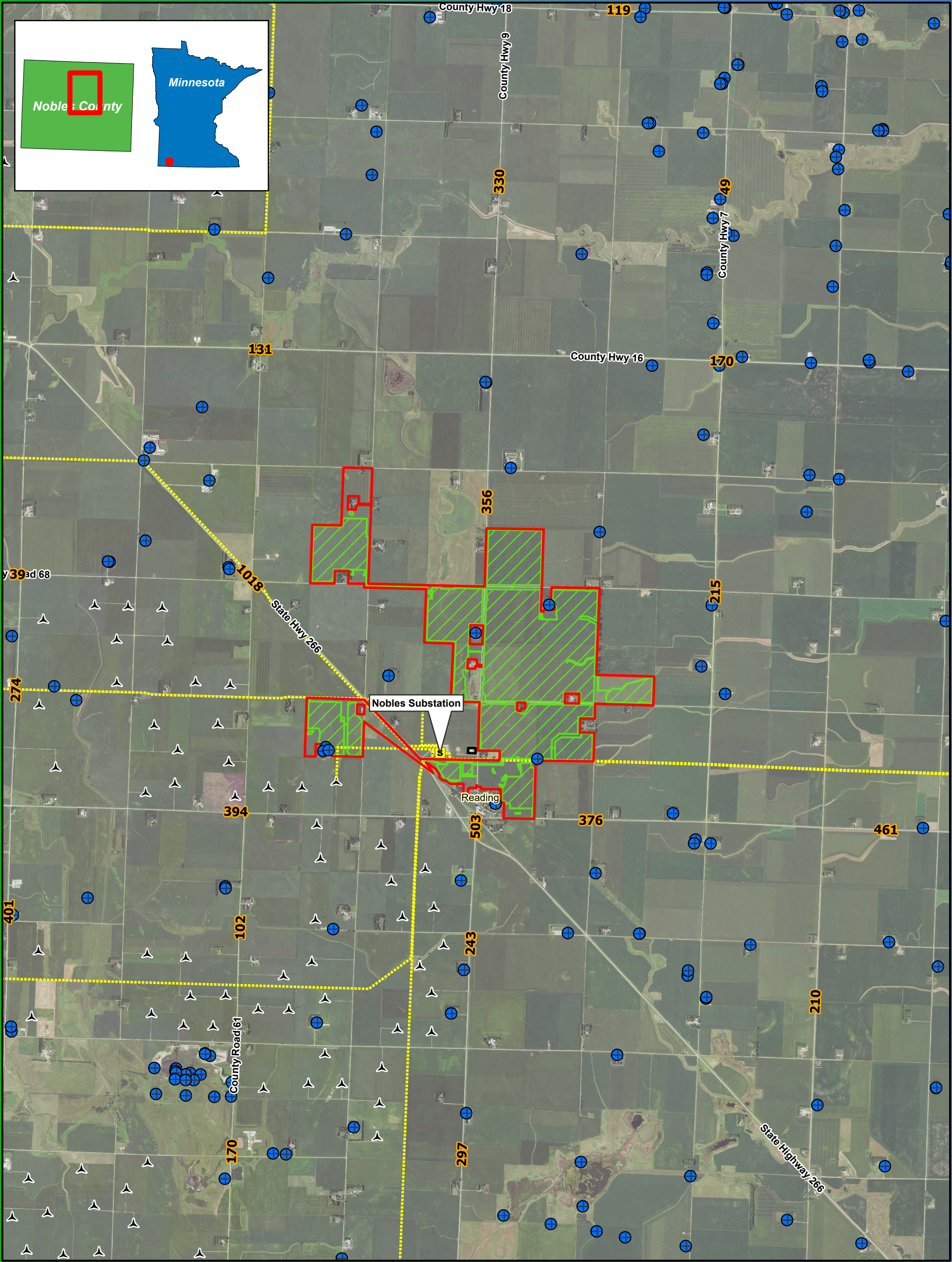
 Land Control Area

 Land Control Area - One Mile Buffer
-  Participating Residence

 Non-Participating Residence

 Township

Imagery Source: 2021 FSA
Sources: National Grid Renewables, MN Geospatial Commons,
MDNR, ESRI





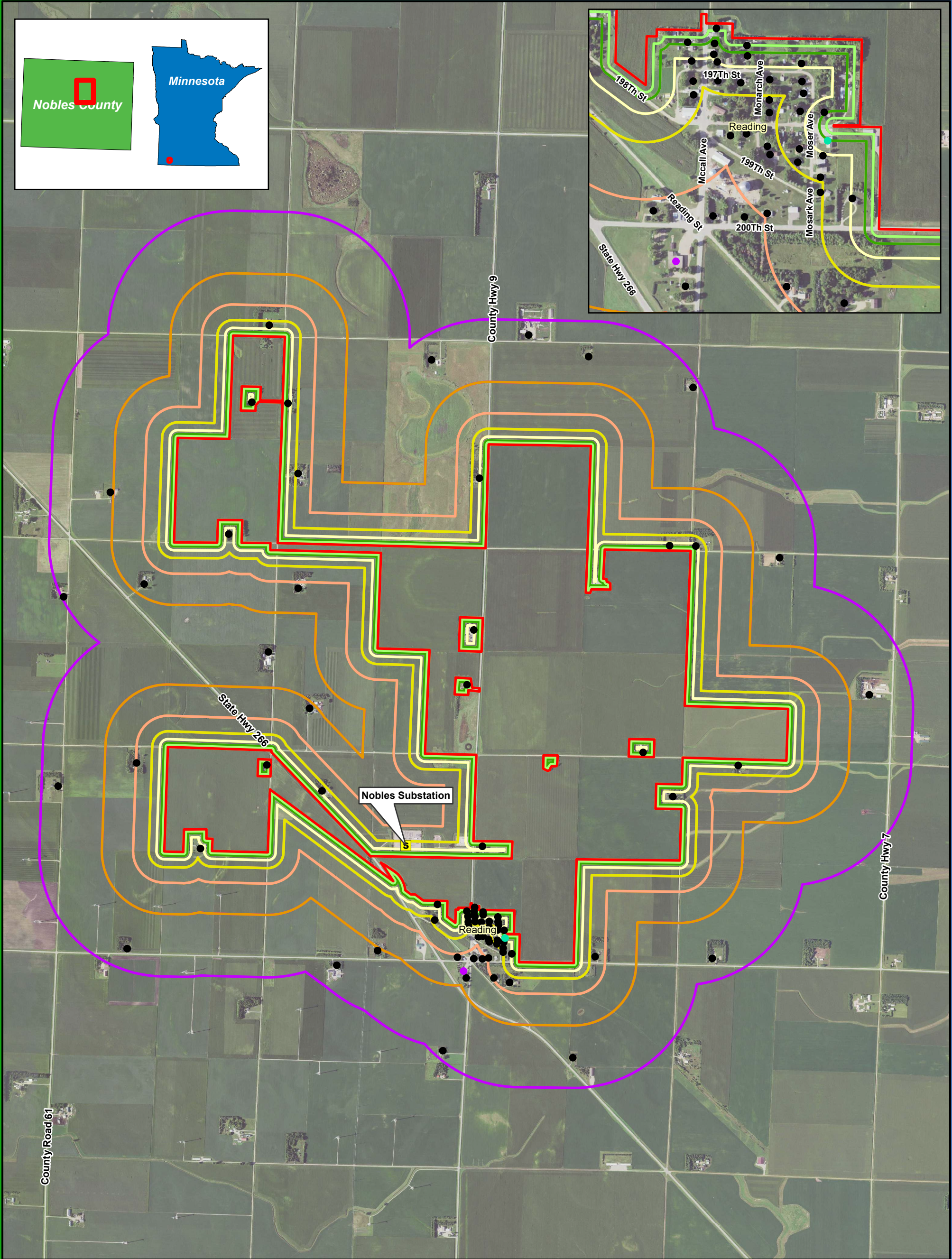
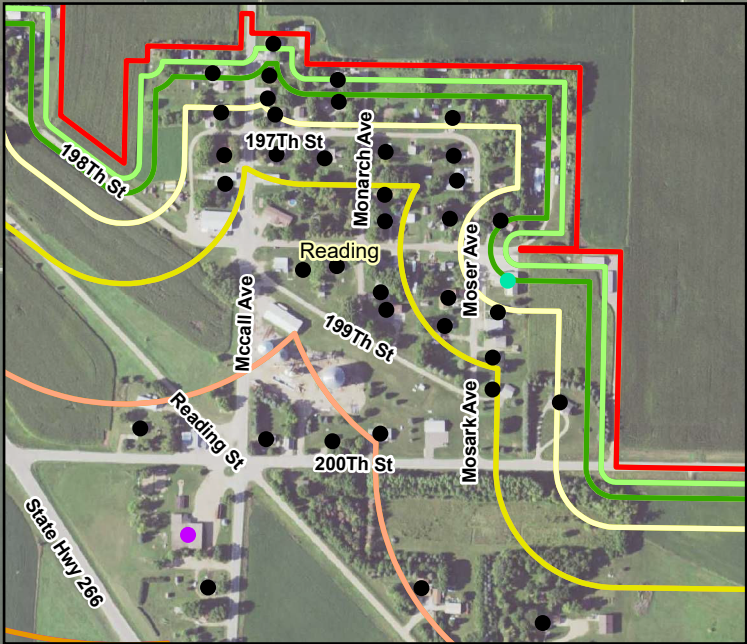
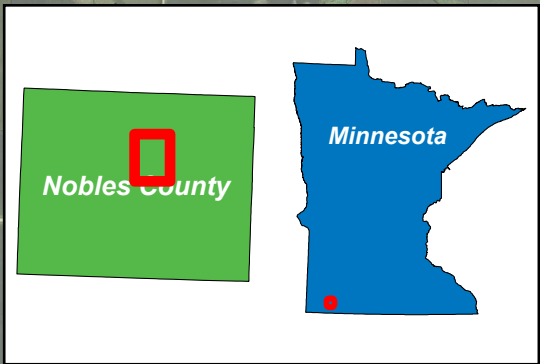
03,0006,000 Feet

1:50,000

Map 7
Existing Infrastructure and AADT
Summit Lake Solar and
BESS Projects
Nobles County, MN

- | | |
|--|---|
|  Existing Substation |  Transmission Lines |
|  Well |  Nobles Wind Farm O&M Facility |
|  Land Control Area |  Existing Wind Turbine |
|  Preliminary Development Area |  # AADT |

Imagery Source: 2021 FSA
Sources: National Grid Renewables, MN Geospatial Commons,
MDNR, MNDOT, ESRI



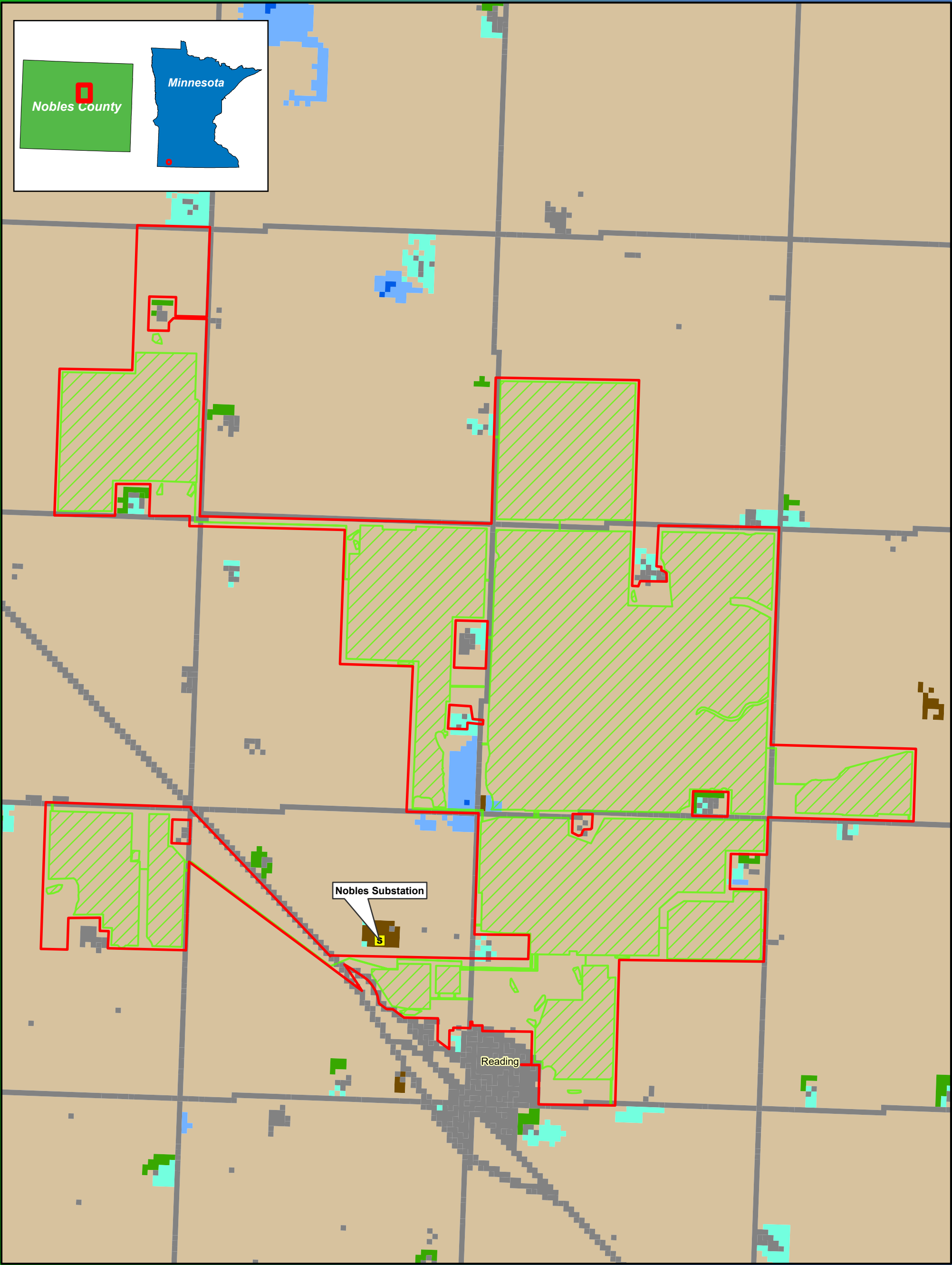
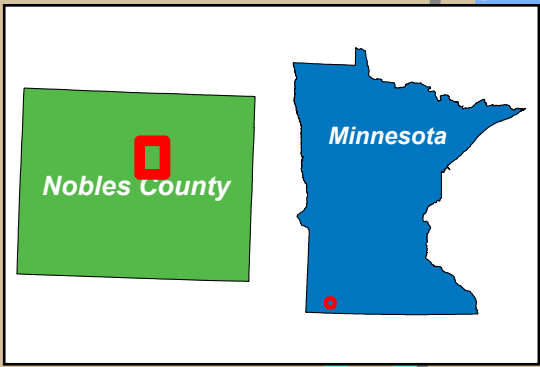
0 1,500 3,000 Feet

1:28,000

Sources: National Grid Renewables, MN Geospatial Commons, MDNR, ESRI, USGS

Map 8 Noise Receptors Summit Lake Solar and BESS Projects Nobles County, MN

- | | |
|--------------------------|------|
| Existing Substation | 100 |
| Land Control Area | 200 |
| Church | 400 |
| Community Center | 800 |
| Home | 1600 |
| Noise Buffer (Ft) | 3200 |
| 50 | |

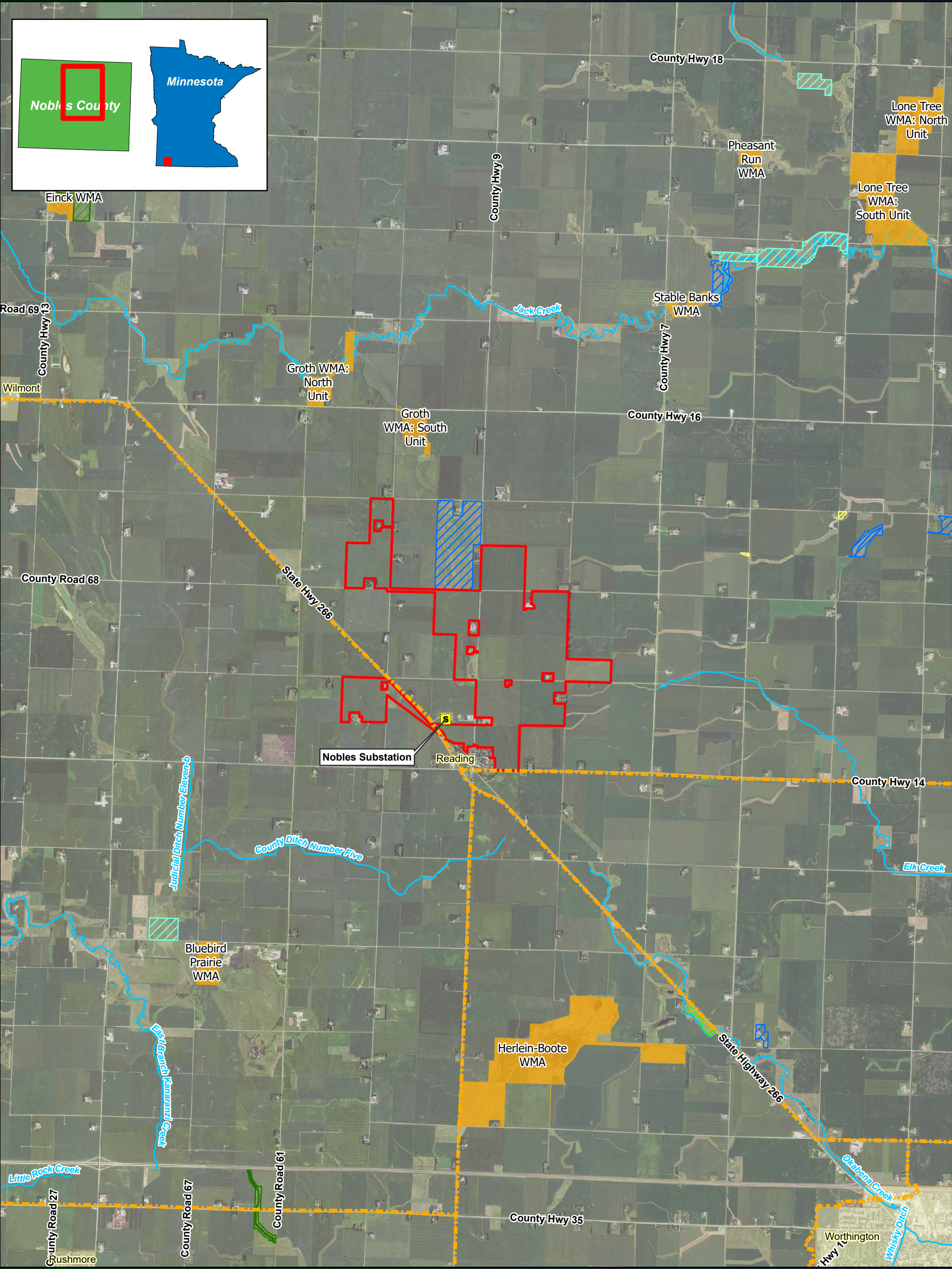


0 1,500 3,000 Feet
1:20,000

Sources: National Grid Renewables, MN Geospatial Commons, MDNR, ESRI, USGS NLCD Database

Map 9 Land Cover/Land Use Summit Lake Solar and BESS Projects Nobles County, MN

- | | |
|------------------------------|---------------------|
| Existing Substation | Agricultural Land |
| Land Control Area | Forested Land |
| Preliminary Development Area | Developed Land |
| NLCD Land Cover | Emergent Wetlands |
| Barren Land | Herbaceous Wetlands |
| | Open Water |

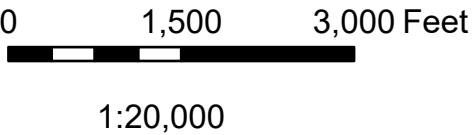
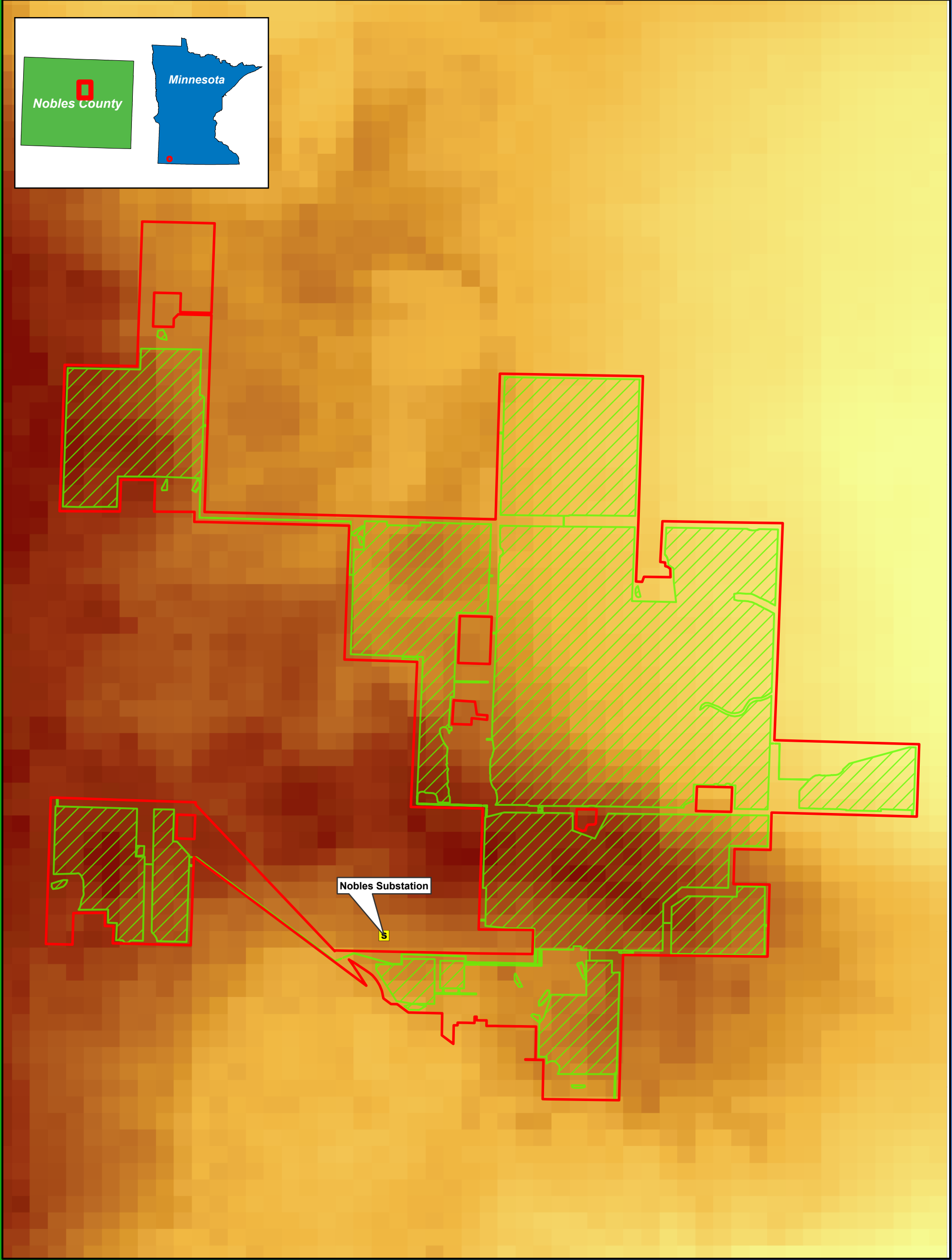
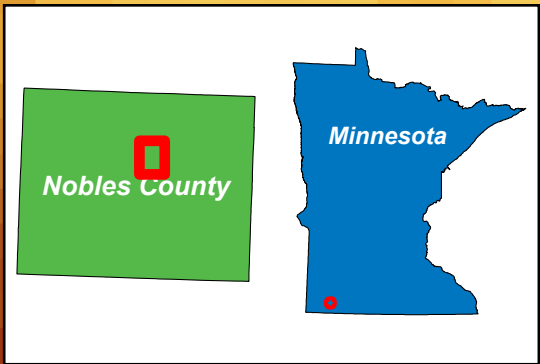


1:65,000

Map 10 Public Land Ownership and Recreation Summit Lake Solar and BESS Projects Nobles County, MN

- | | | |
|--------------------------------|--------------------------------|-------------------------------|
| Existing Substation | CREP III Conservation Easement | RIM-WRP Conservation Easement |
| Railroad | PWP Conservation Easement | Snowmobile Trail |
| Land Control Area | RIM Conservation Easement | NHD Named Stream |
| Wildlife Management Area (WMA) | CREP II Conservation Easement | City/Town |

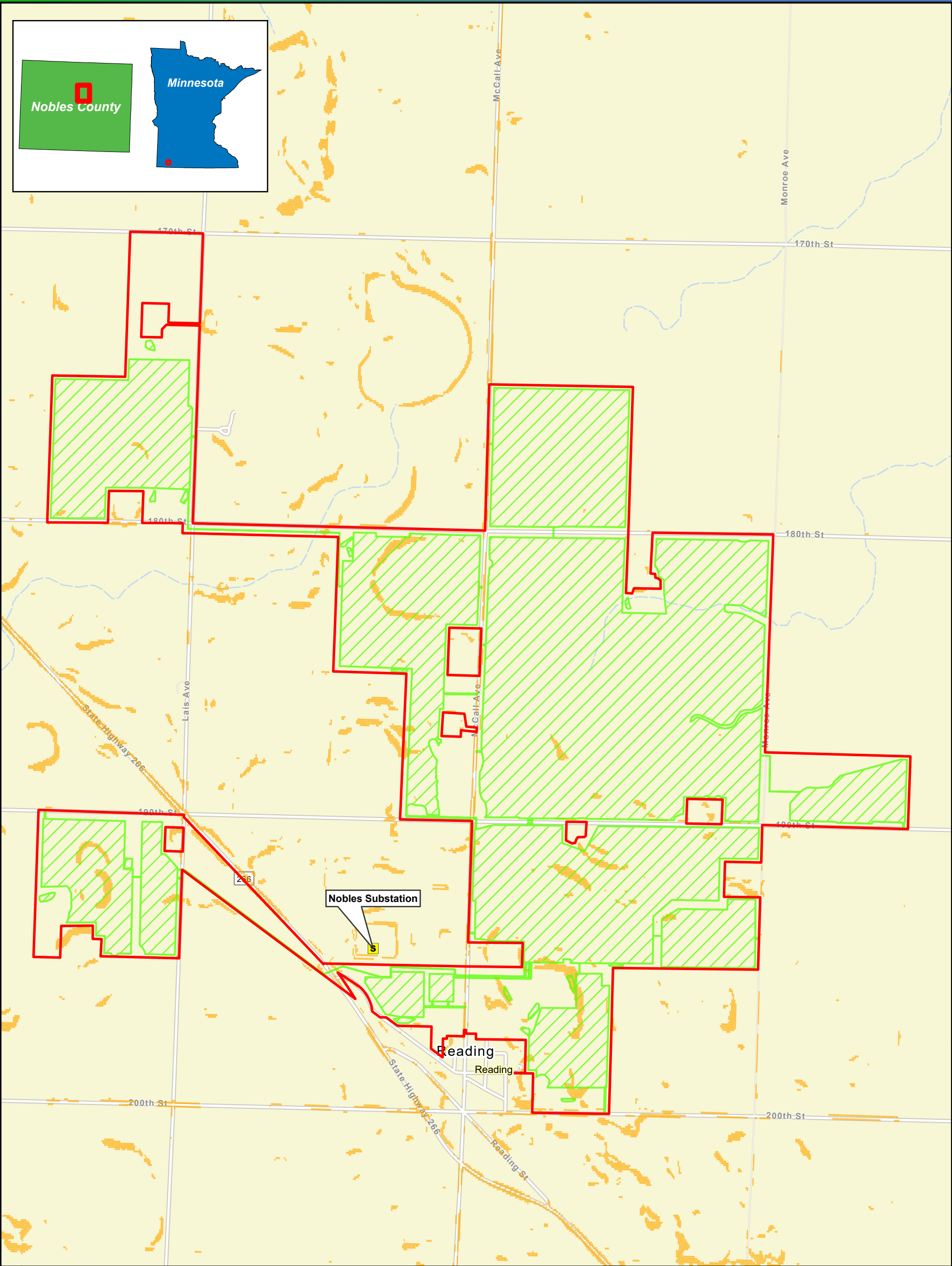
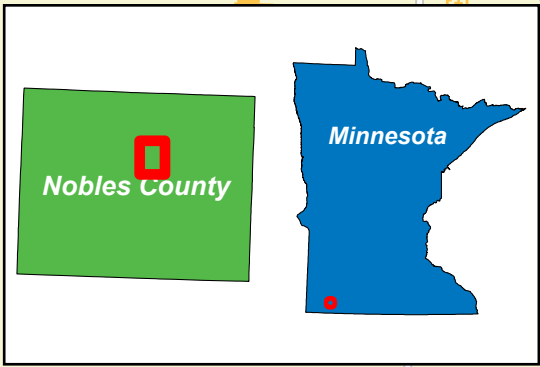
Imagery Source: 2021 FSA
Sources: National Grid Renewables, MN Geospatial Commons, MDNR, ESRI



Map 11
Site Geology and
Depth to Bedrock
Summit Lake Solar and
BESS Projects
Nobles County, MN

- Existing Substation
- Land Control Area
- Preliminary Development Area
- Depth to Bedrock (ft)
 - 668.042
 - 484.553

Imagery Source: 2021 FSA
Sources: National Grid Renewables, MN Geospatial Commons,
MDNR, ESRI



0 1,500 3,000 Feet

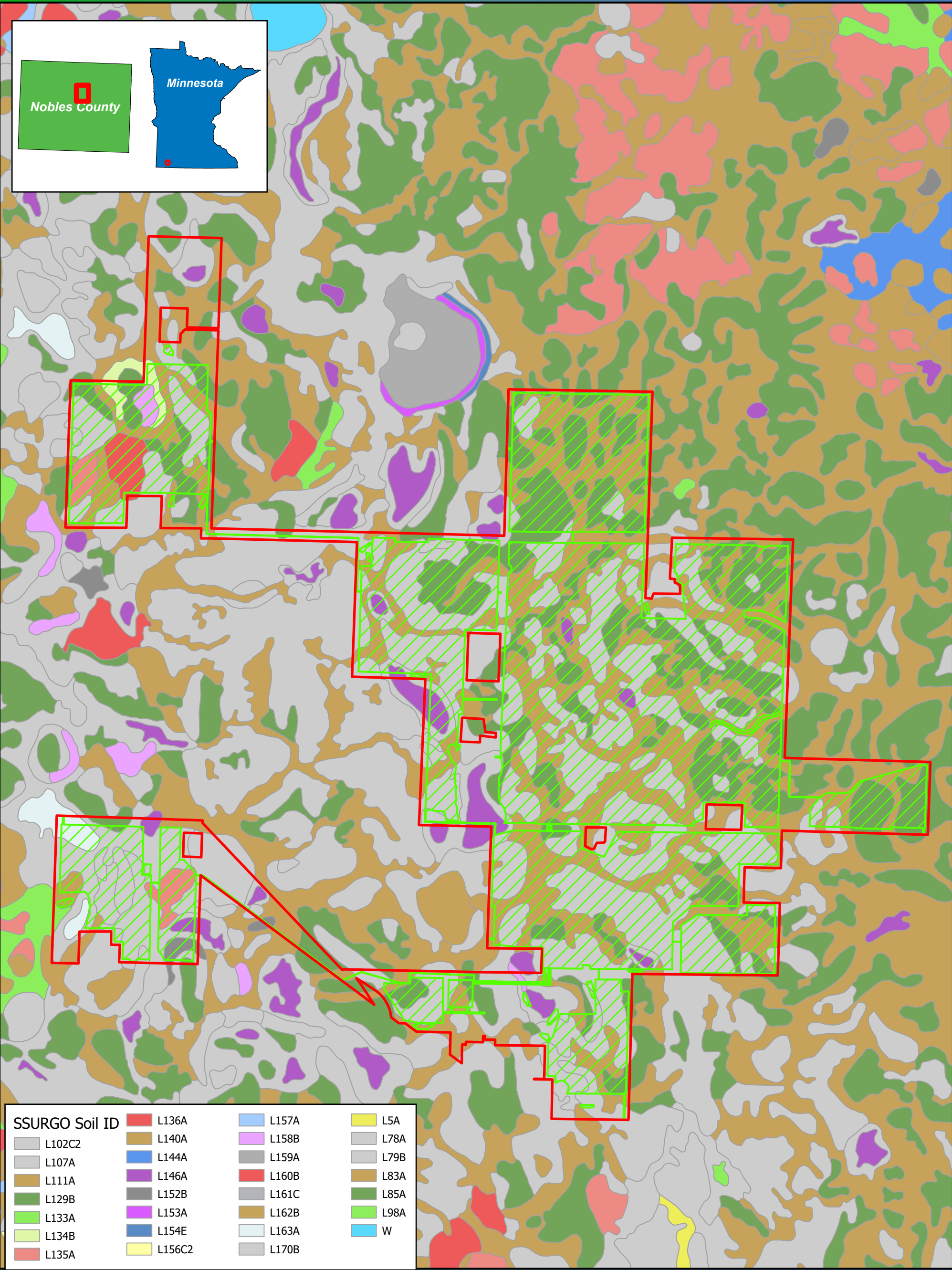
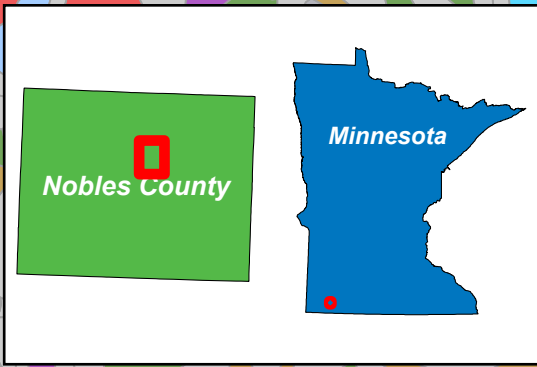
1:20,000

Map 12
Slope
Summit Lake Solar and
BESS Projects
Nobles County, MN

 Existing
Substation
 Land Control
Area

 Preliminary
Development
Area
 Slope >5%
 County
Boundary

Imagery Source: 2021 FSA
Sources: National Grid Renewables, MN Geospatial Commons,
MDNR, ESRI, NRCS Web Soil Survey



SSURGO Soil ID		L136A	L157A	L5A
L102C2	L140A	L158B	L78A	
L107A	L144A	L159A	L79B	
L111A	L146A	L160B	L83A	
L129B	L152B	L161C	L85A	
L133A	L153A	L162B	L98A	
L134B	L154E	L163A	W	
L135A	L156C2	L170B		



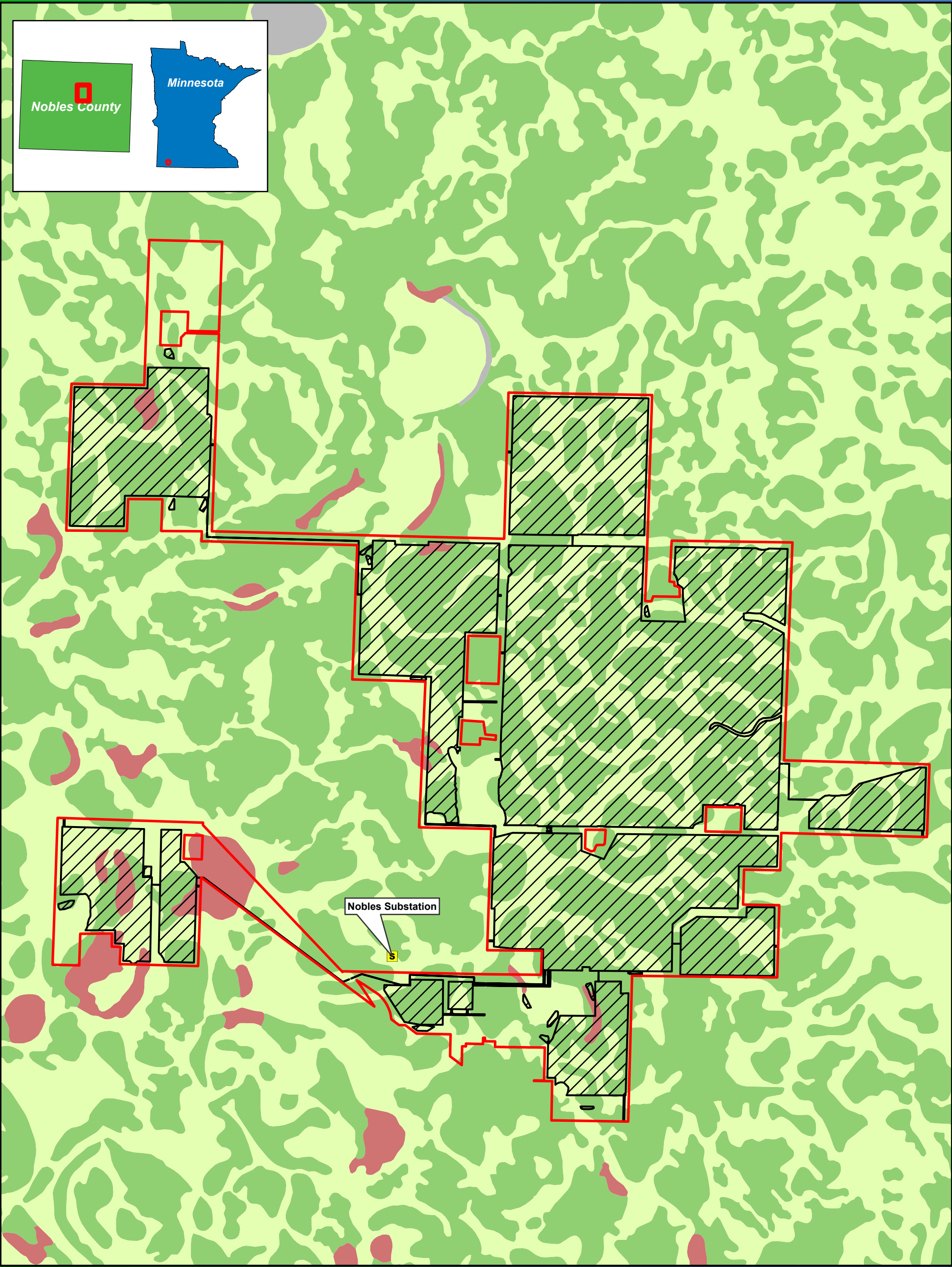
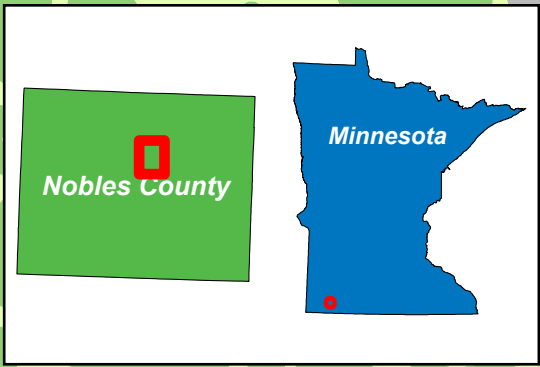
0 1,500 3,000 Feet

1:20,000

Map 13
NRCS Soils Map
Summit Lake Solar and
BESS Projects
Nobles County, MN

- Land Control Area
- Preliminary Development Area

Imagery Source: 2021 FSA
Sources: National Grid Renewables, MN Geospatial Commons,
MDNR, ESRI, NRCS Web Soil Survey

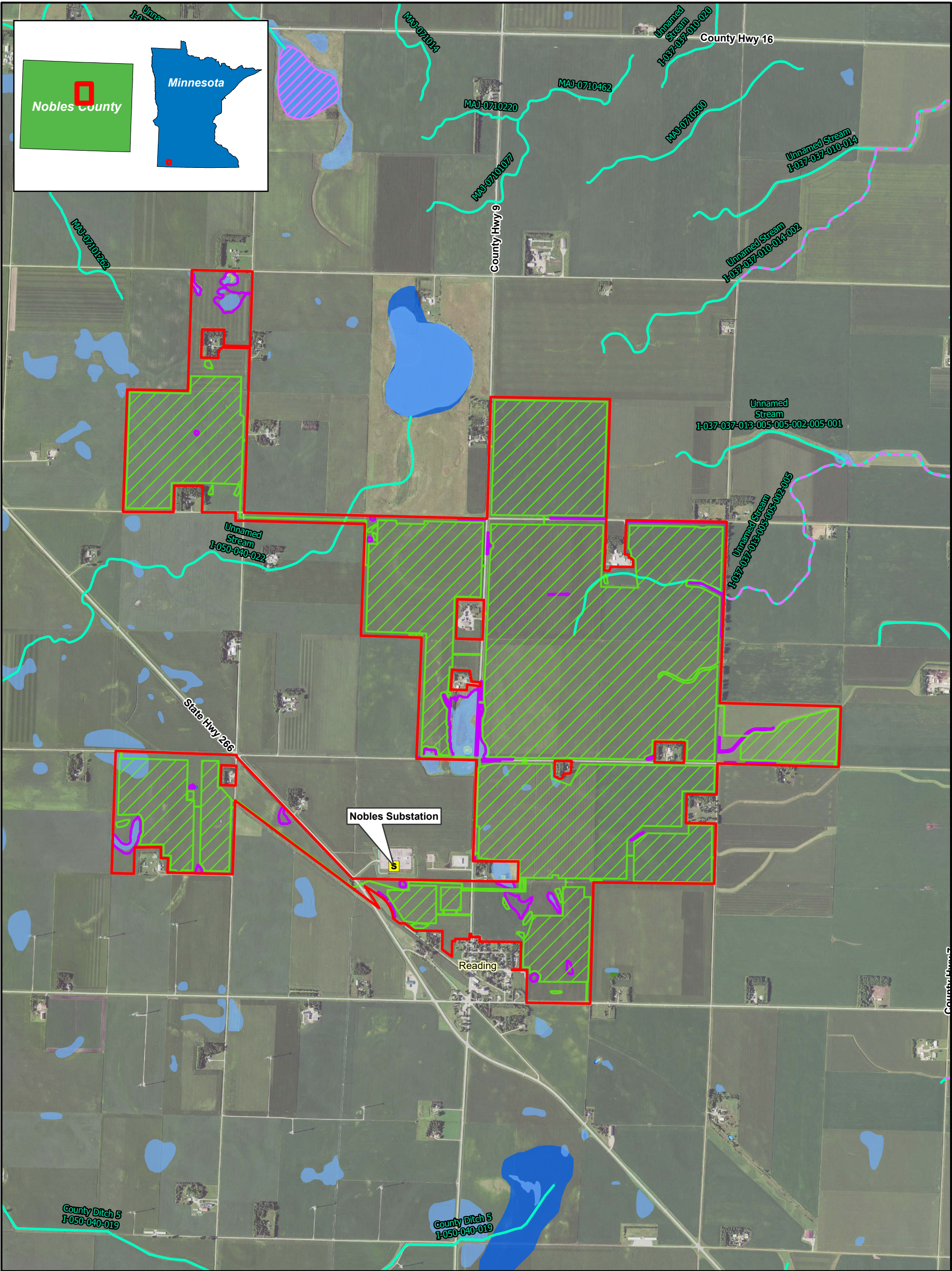


0 1,500 3,000 Feet
1:20,000

Map 14
Farmland Classifications
Summit Lake Solar and
BESS Projects
Nobles County, MN

- Existing Substation
- Land Control Area
- Preliminary Development Area
- County Boundary
- Farmland Classification**
- Prime Farmland
- Prime Farmland if Drained
- Prime Farmland - Other Categories
- Farmland of Statewide Importance
- Not Prime Farmland

Imagery Source: 2021 FSA
Sources: National Grid Renewables, MN Geospatial Commons,
MDNR, ESRI, NRCS Web Soil Survey

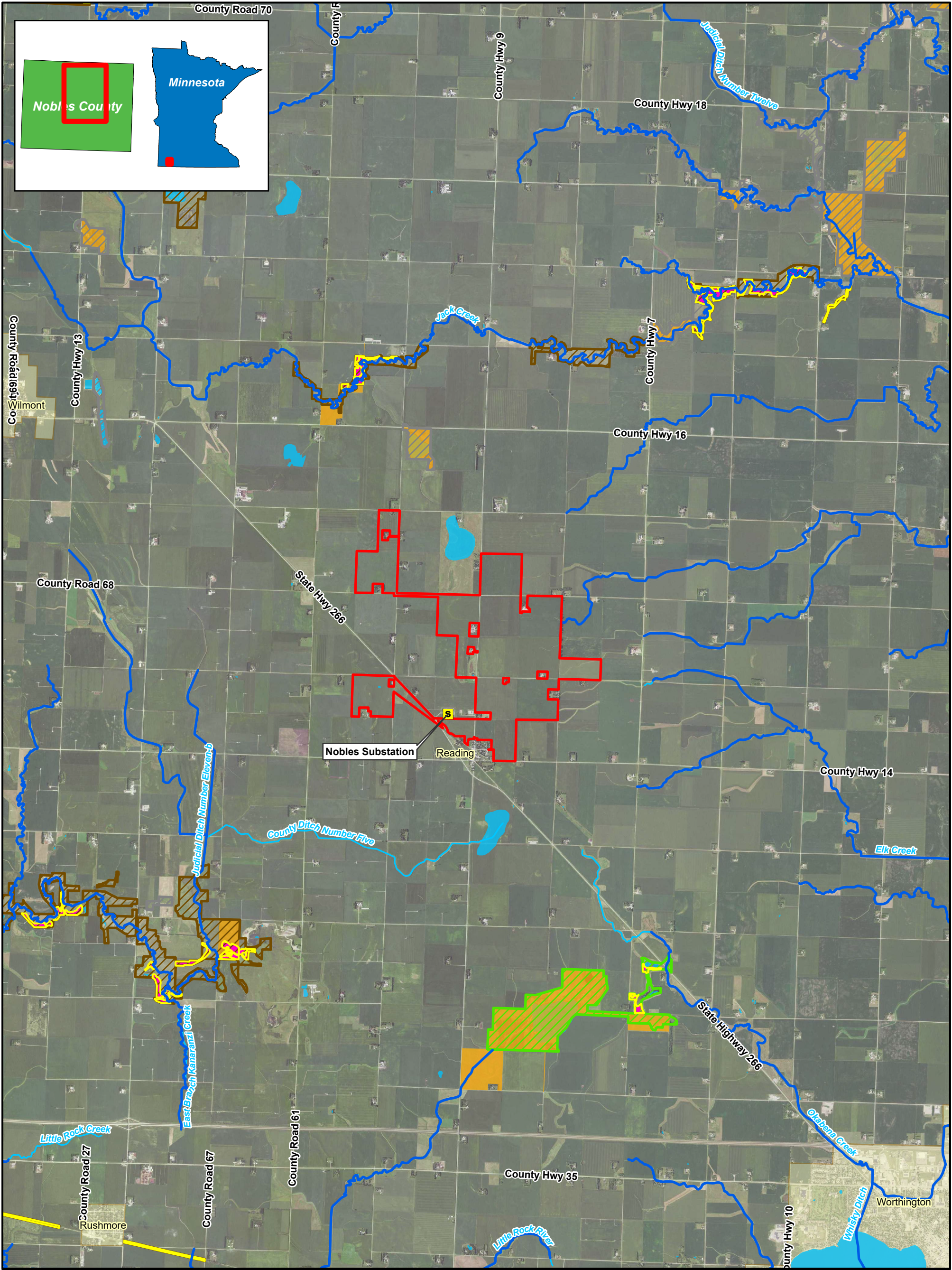


1:24,000

Map 15 Surface Waters Summit Lake Solar and BESS Projects Nobles County, MN

- | | |
|------------------------------|--------------------------|
| Existing Substation | Freshwater Pond |
| Land Control Area | Freshwater Shrub Wetland |
| Preliminary Development Area | Riverine |
| NWI Wetland Type | Lake/Pond (MDNR) |
| Emergent Wetland | Watercourse (MDNR) |
| Freshwater Forested Wetland | PWI Watercourse |
| | PWI Waterbody |
| | Delineated Wetland |

Imagery Source: 2021 FSA
Sources: National Grid Renewables, MN Geospatial Commons, MDNR, ESRI



1:70,000

Map 16
Unique Natural Resources
Summit Lake Solar and
BESS Projects
Nobles County, MN

- | | |
|---------------------------------------|---|
| Existing Substation | Public Waters Inventory (PWI) |
| Land Control Area Wildlife | River/Stream |
| Management Area (WMA) | Lake/Pond |
| Native Plant Community | County Boundary |
| Native Plant Community/Native Prairie | City/Town |
| | Sites of Biodiversity Significance |
| | High |
| | Moderate |
| | Below |

Imagery Source: 2021 FSA
Sources: National Grid Renewables, MN Geospatial Commons, MDNR, ESRI