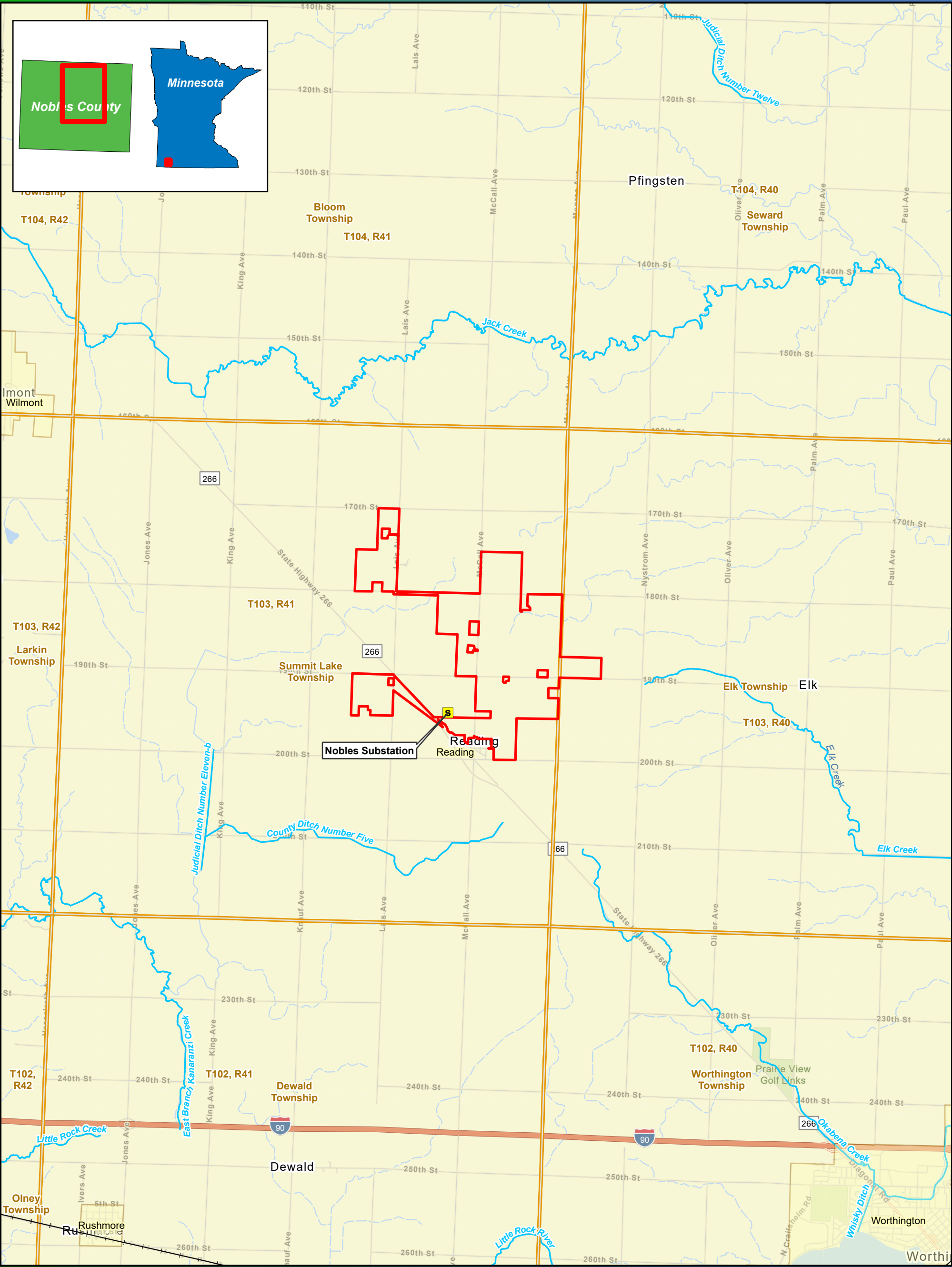


Amended Maps 1-16 and New Map 4a

Summit Lake Solar, LLC and
Summit Lake Storage, LLC
Joint Site Permits Amended Application
December 2025
MPUC Docket Nos. IP-7153/GS-25-89 and IP-7153/ESS-25-88



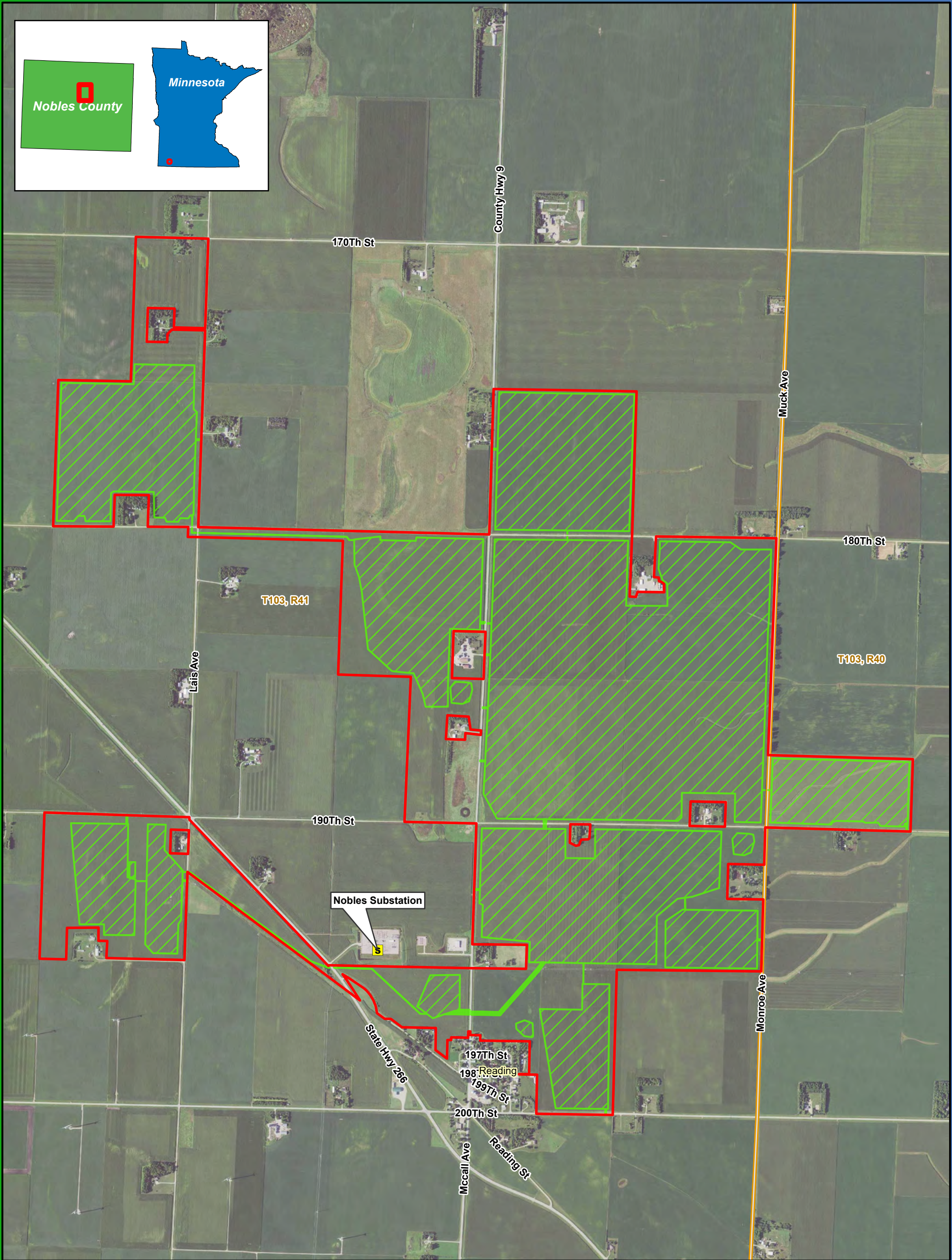
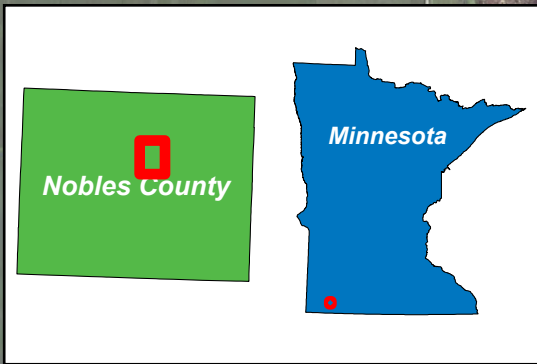
0 1 2 Miles

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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: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI

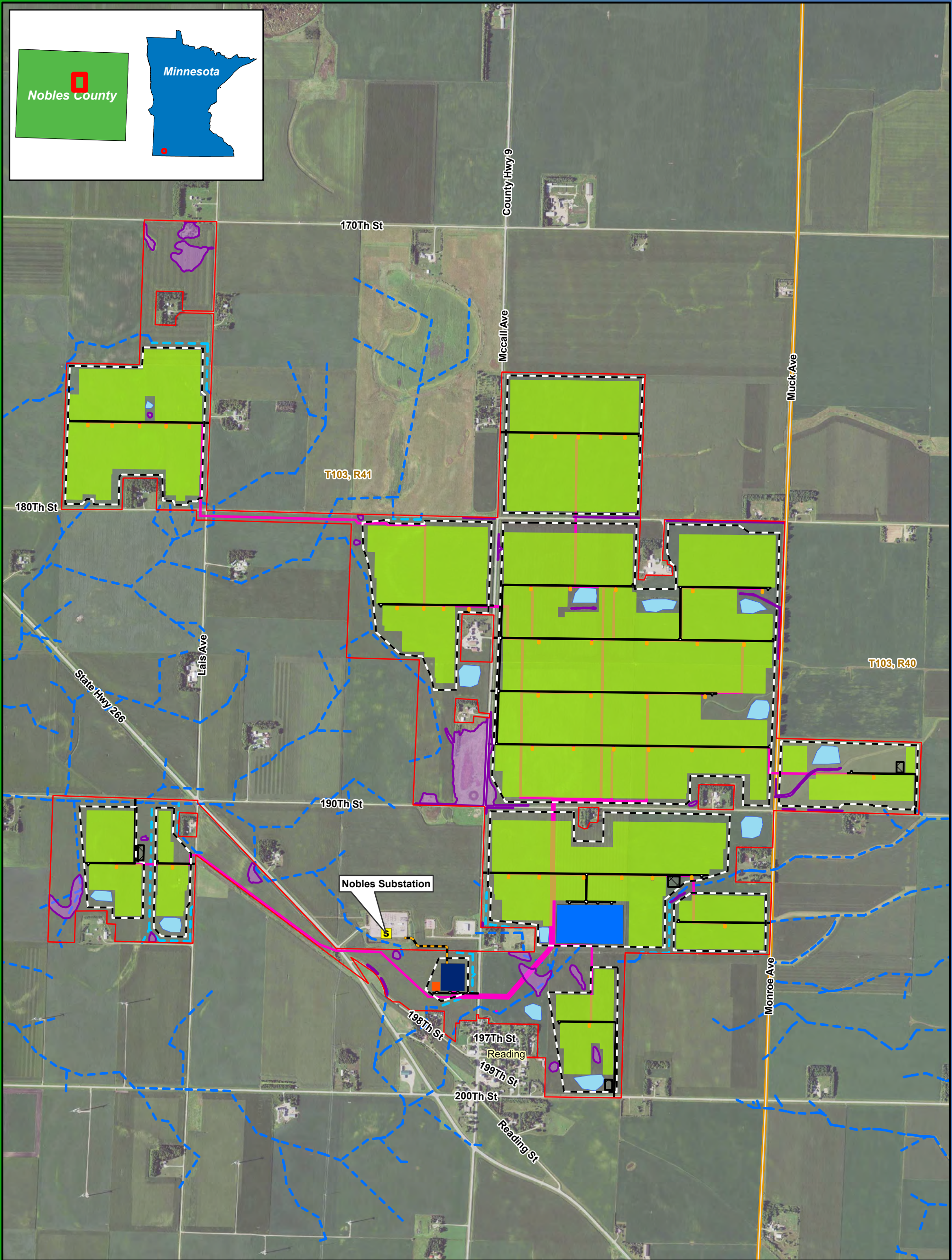
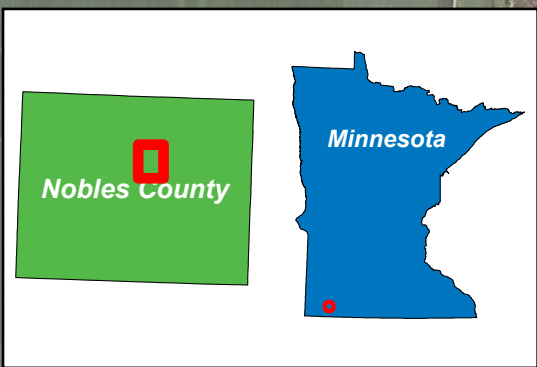


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Map 2
Land Control and
Preliminary Development Areas
Summit Lake Solar and
BESS Projects
Nobles County, MN

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



 **SUMMIT LAKE**
SOLAR

 **SUMMIT LAKE**
STORAGE



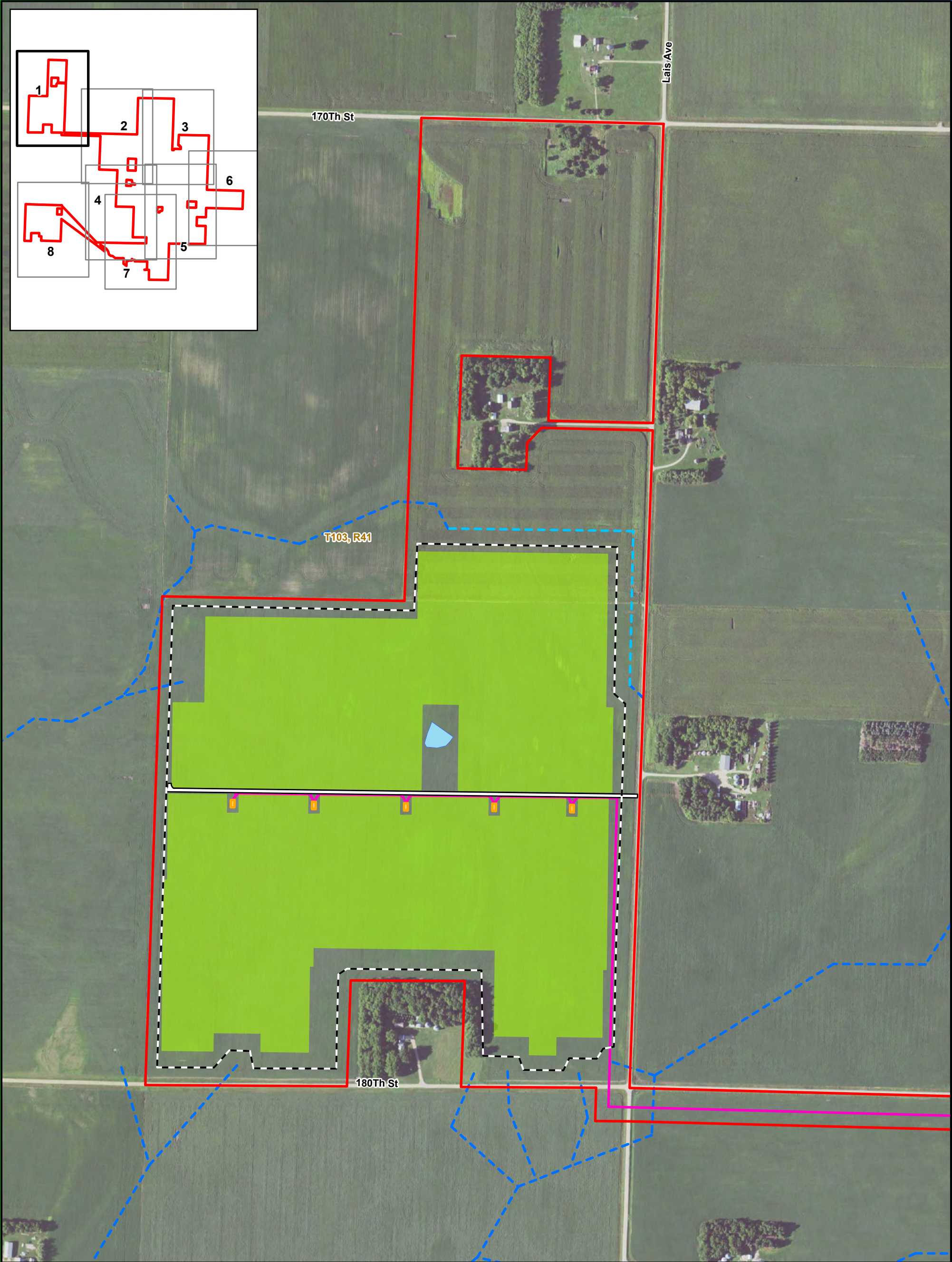
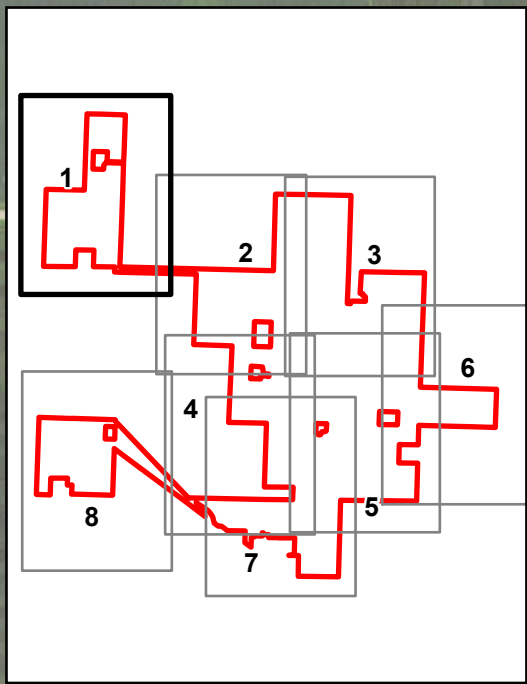
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Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI

Map 3 Preliminary Project Layout Summit Lake Solar and BESS Projects Nobles County, MN

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



SUMMIT LAKE
SOLAR

SUMMIT LAKE
STORAGE



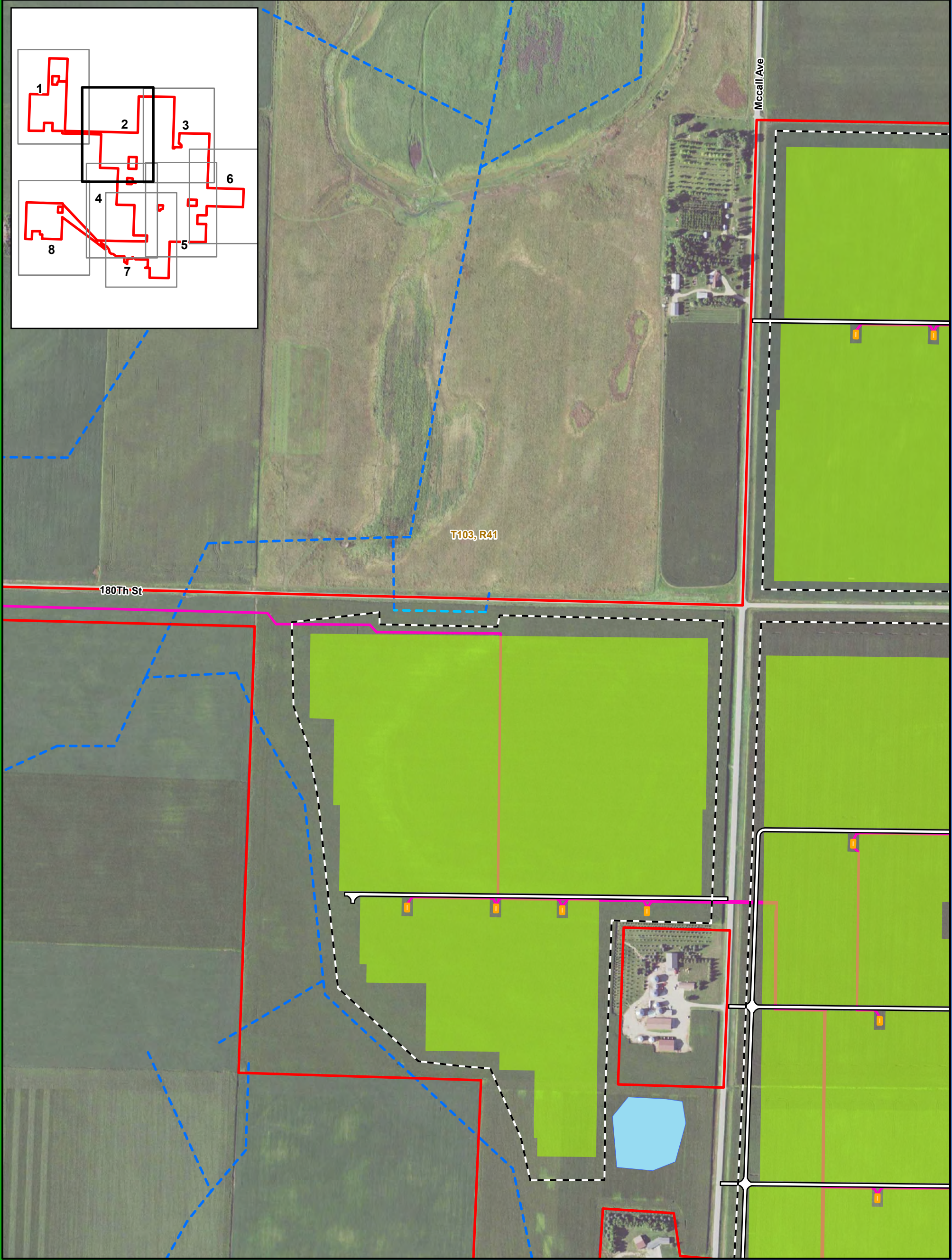
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Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI

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

- | | |
|-----------------------------------|------------------------------------|
| Land Control Area | Stormwater Pond |
| Inverter | Proposed Public Drain Tile Reroute |
| Security Fence | Existing Public Drain Tile |
| Access Road | Township |
| Solar Array | |
| Collection and Communication Line | |



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
- Inverter
- Security Fence
- Access Road
- Solar Array
- Collection and Communication Line
- Stormwater Pond
- Proposed Public Drain Tile Reroute
- Existing Public Drain Tile
- Township Line



SUMMIT LAKE
SOLAR

SUMMIT LAKE
STORAGE

0 500 1,000 Feet

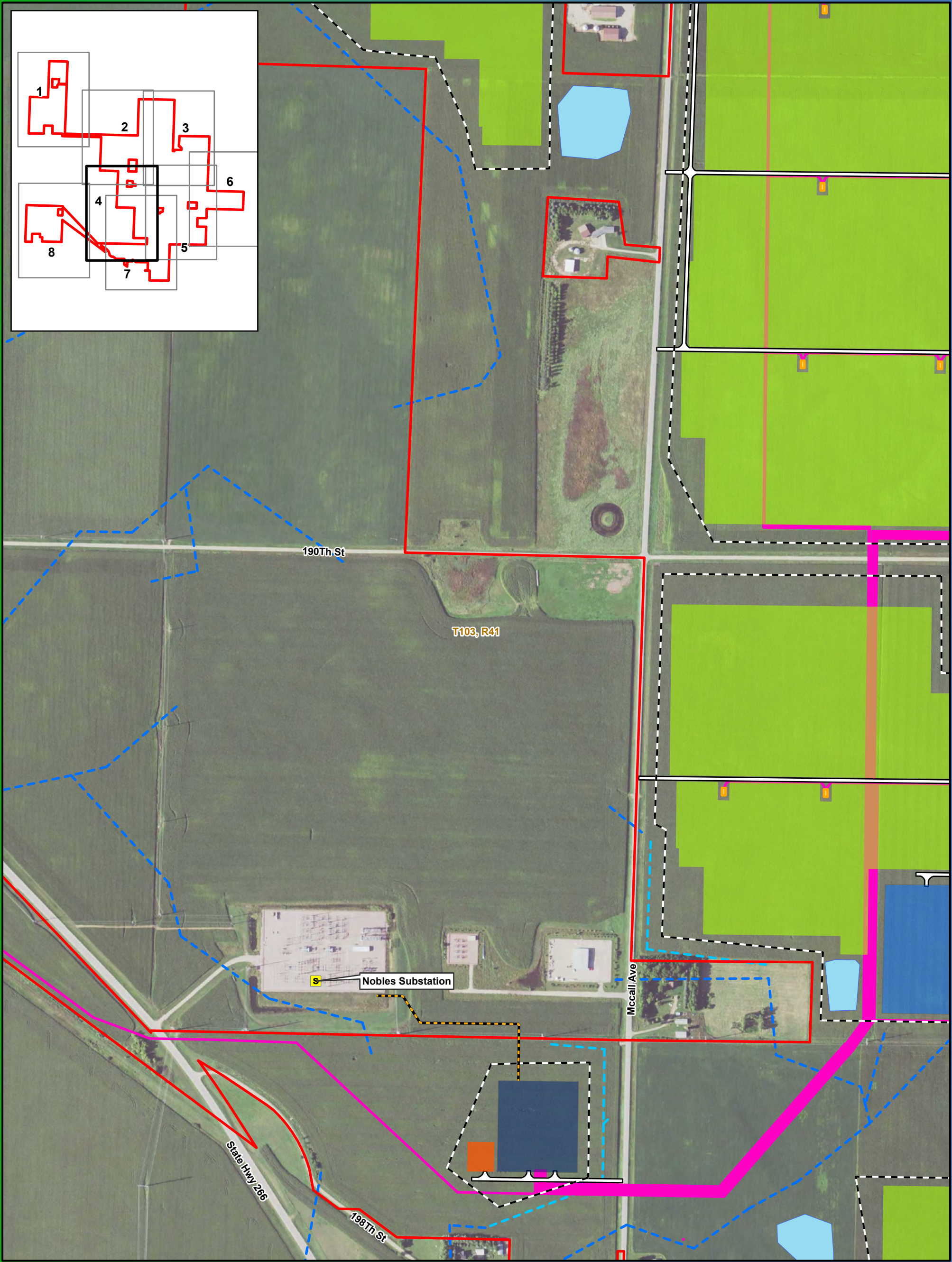
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Map 4 Detailed Preliminary Project Layout Summit Lake Solar and BESS Projects Nobles County, MN

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

Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI



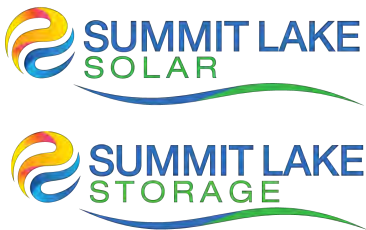
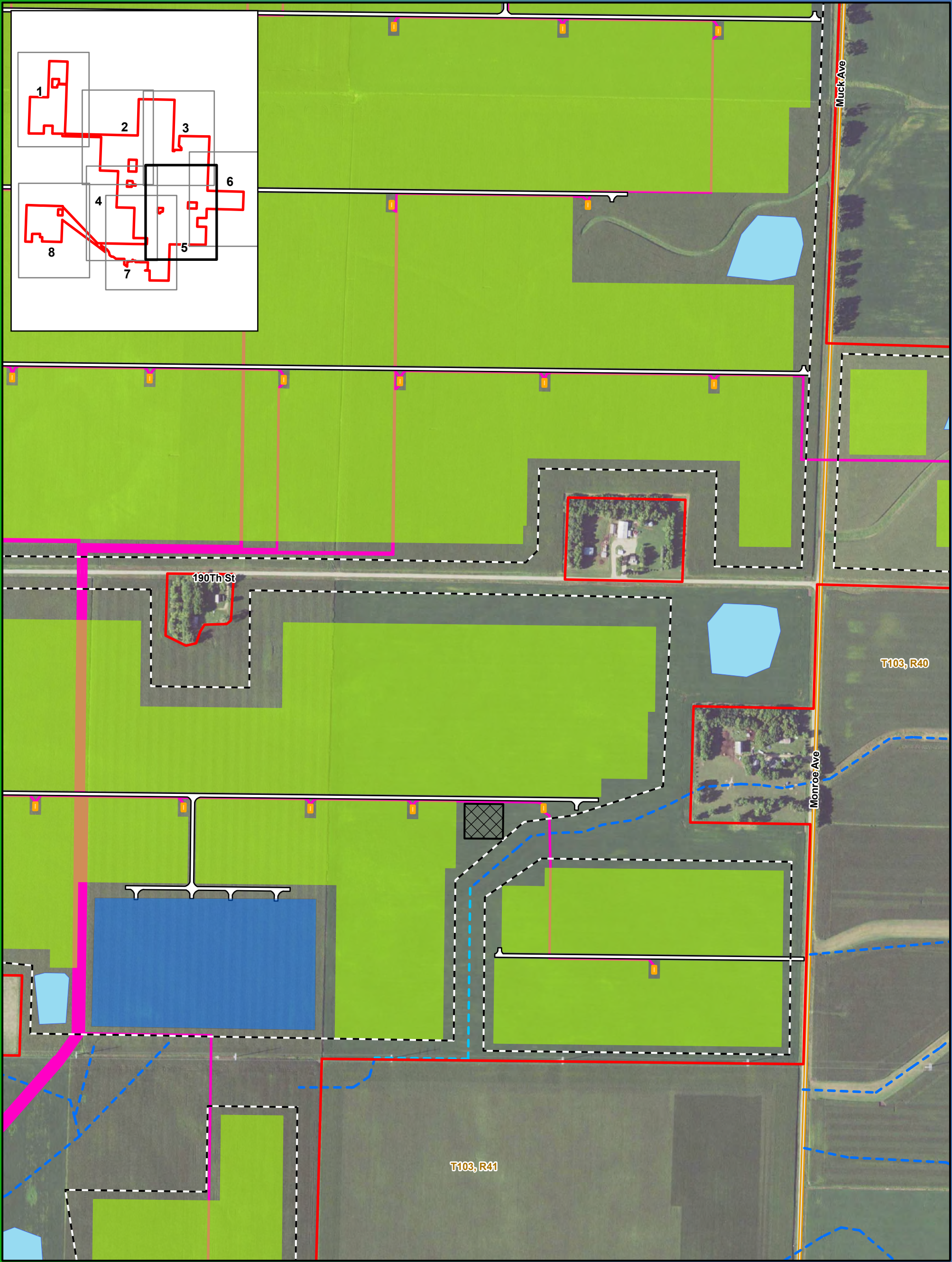
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Map 4 Detailed Preliminary Project Layout Summit Lake Solar and BESS Projects Nobles County, MN

Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI

- | | |
|---|---|
| <ul style="list-style-type: none">Existing SubstationLand Control AreaInverterBESS FacilityProject SubstationO&M FacilitySecurity FenceAccess RoadSolar Array | <ul style="list-style-type: none">Collection and Communication LineGen-Tie LineStormwater PondProposed Public Drain Tile RerouteExisting Public Drain TileTownship |
|---|---|



0 500 1,000 Feet

1:6,000

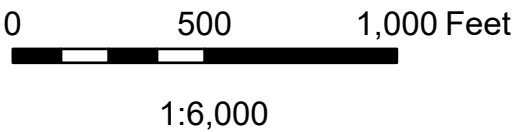
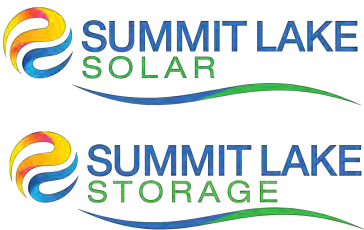
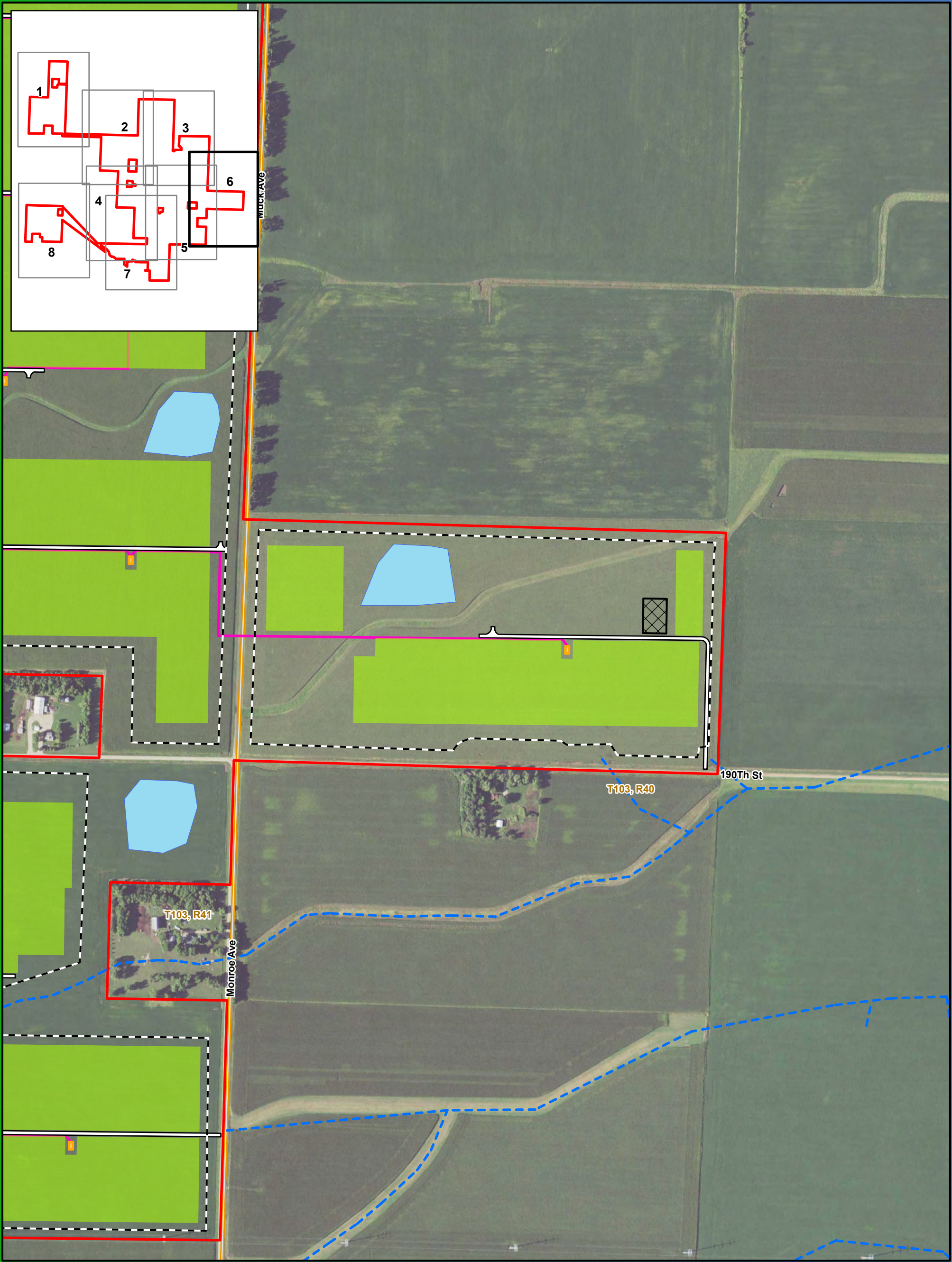
Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI

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

Page 5 of 9

- Land Control Area
- Laydown Area
- Inverter
- BESS Facility
- Security Fence
- Access Road
- Solar Array
- Collection and Communication Line
- Stormwater Pond
- Proposed Public Drain Tile Reroute
- Existing Public Drain Tile
- Township

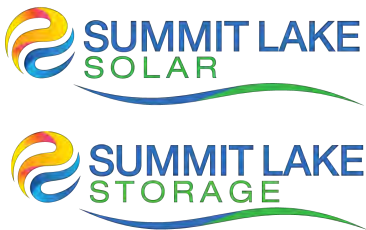
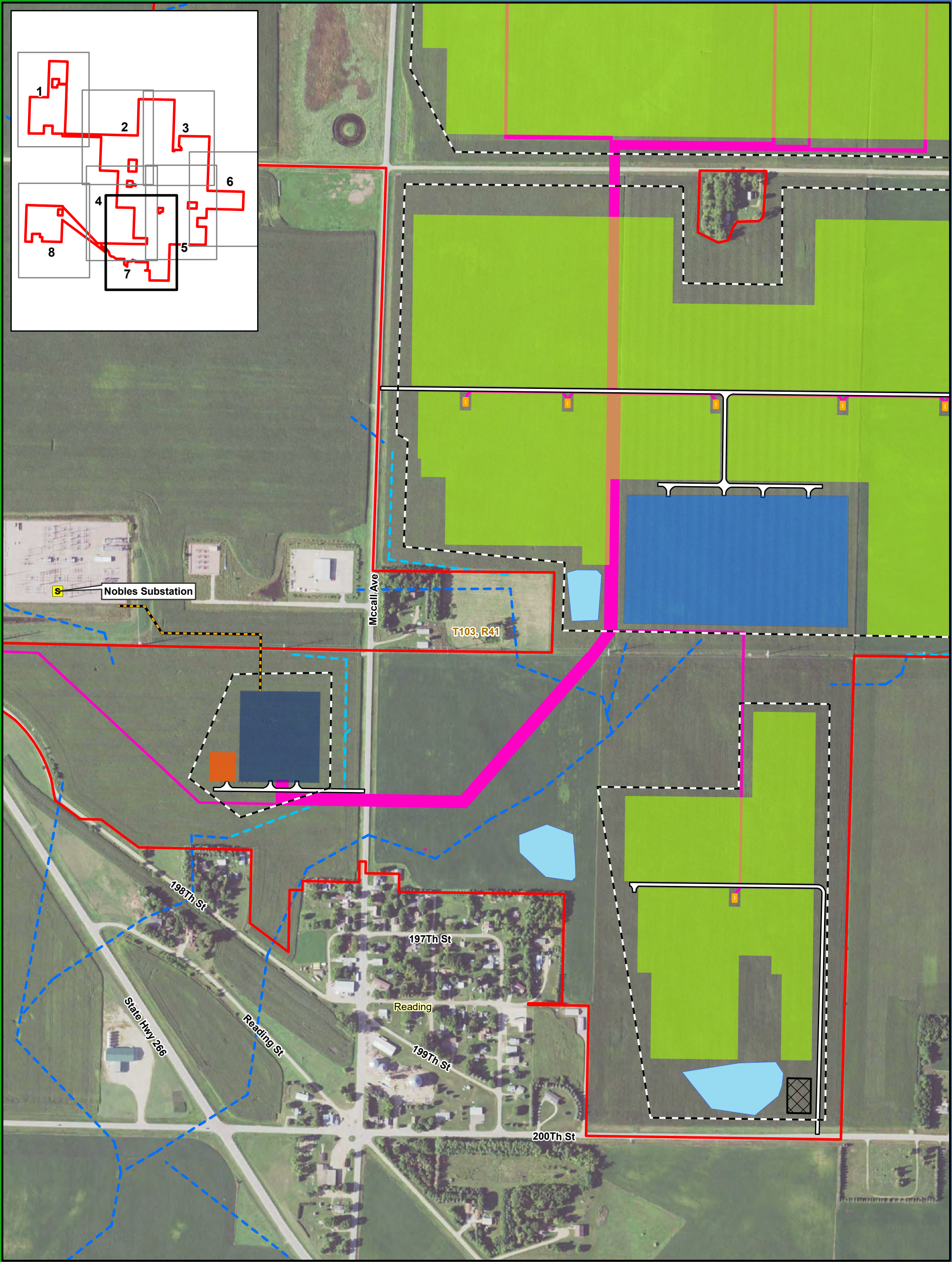
Date: 12/18/2025



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

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

Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI

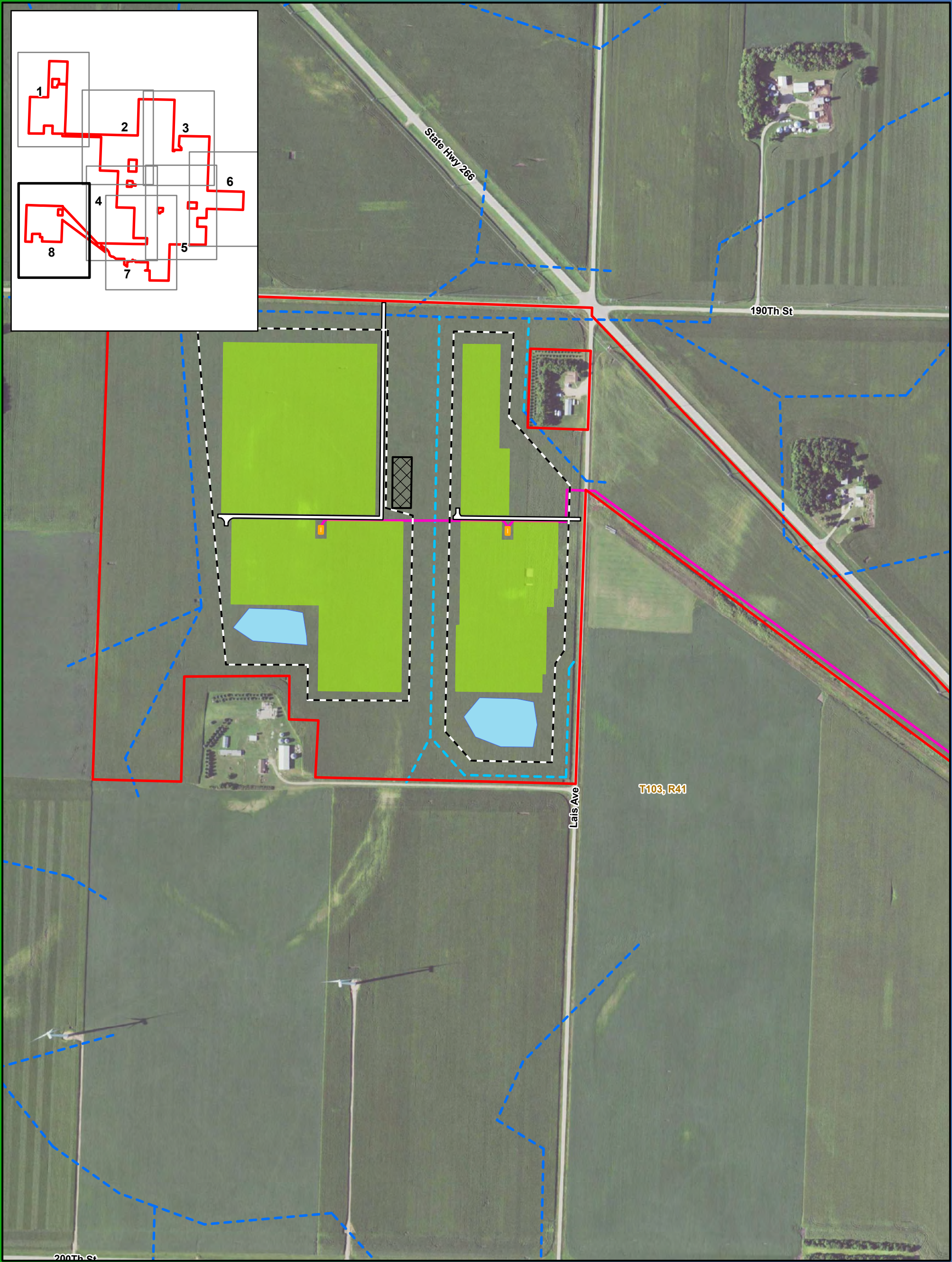


0 500 1,000 Feet
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Map 4 Detailed Preliminary Project Layout Summit Lake Solar and BESS Projects Nobles County, MN

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

Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI





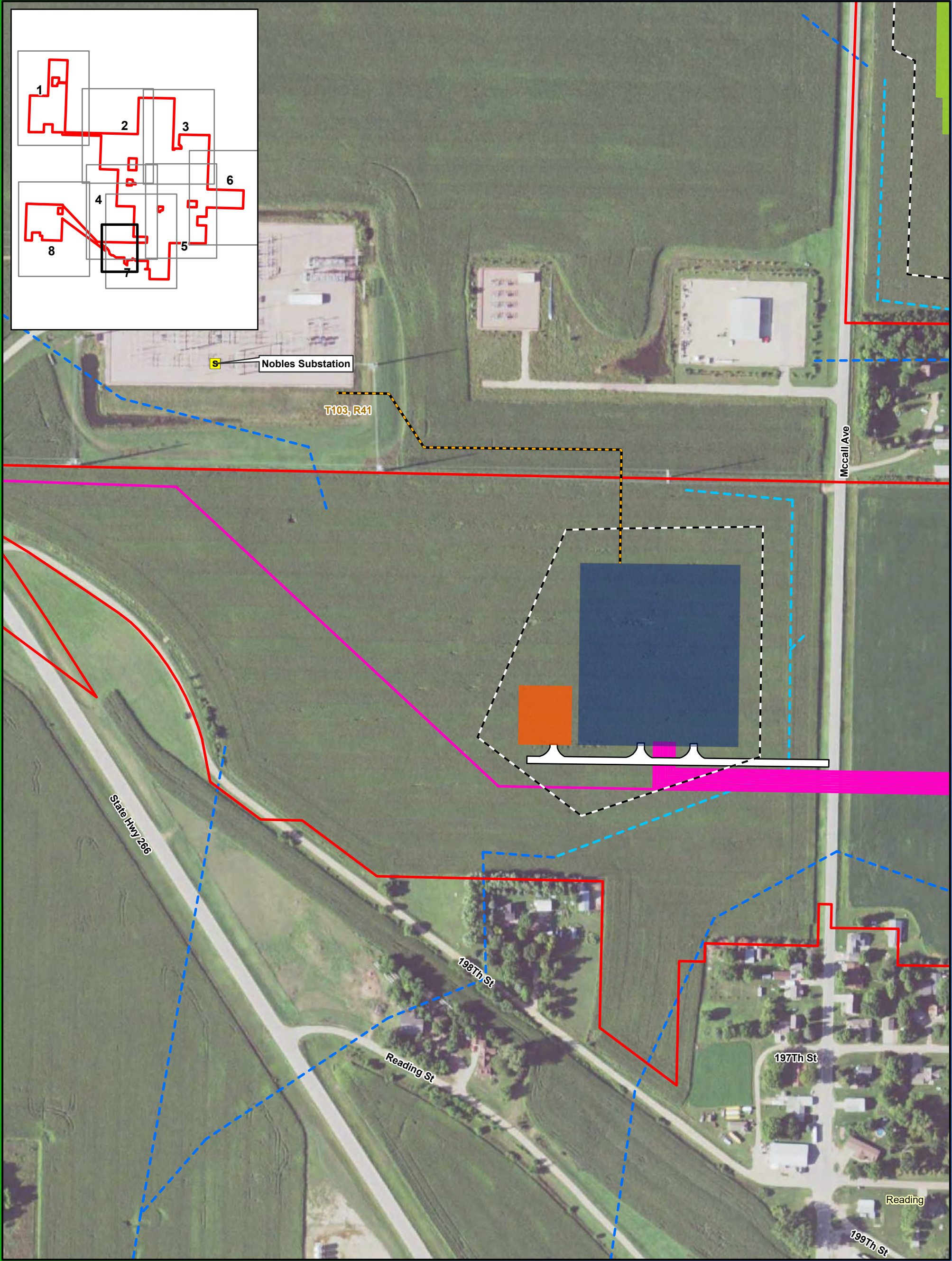
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Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI

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

- | | |
|-----------------------------------|------------------------------------|
| Land Control Area | Stormwater Pond |
| Laydown Area | Proposed Public Drain Tile Reroute |
| Inverter | Existing Public Drain Tile |
| Security Fence | Township |
| Access Road | |
| Solar Array | |
| Collection and Communication Line | |



SUMMIT LAKE
SOLAR

SUMMIT LAKE
STORAGE

0 250 500 Feet

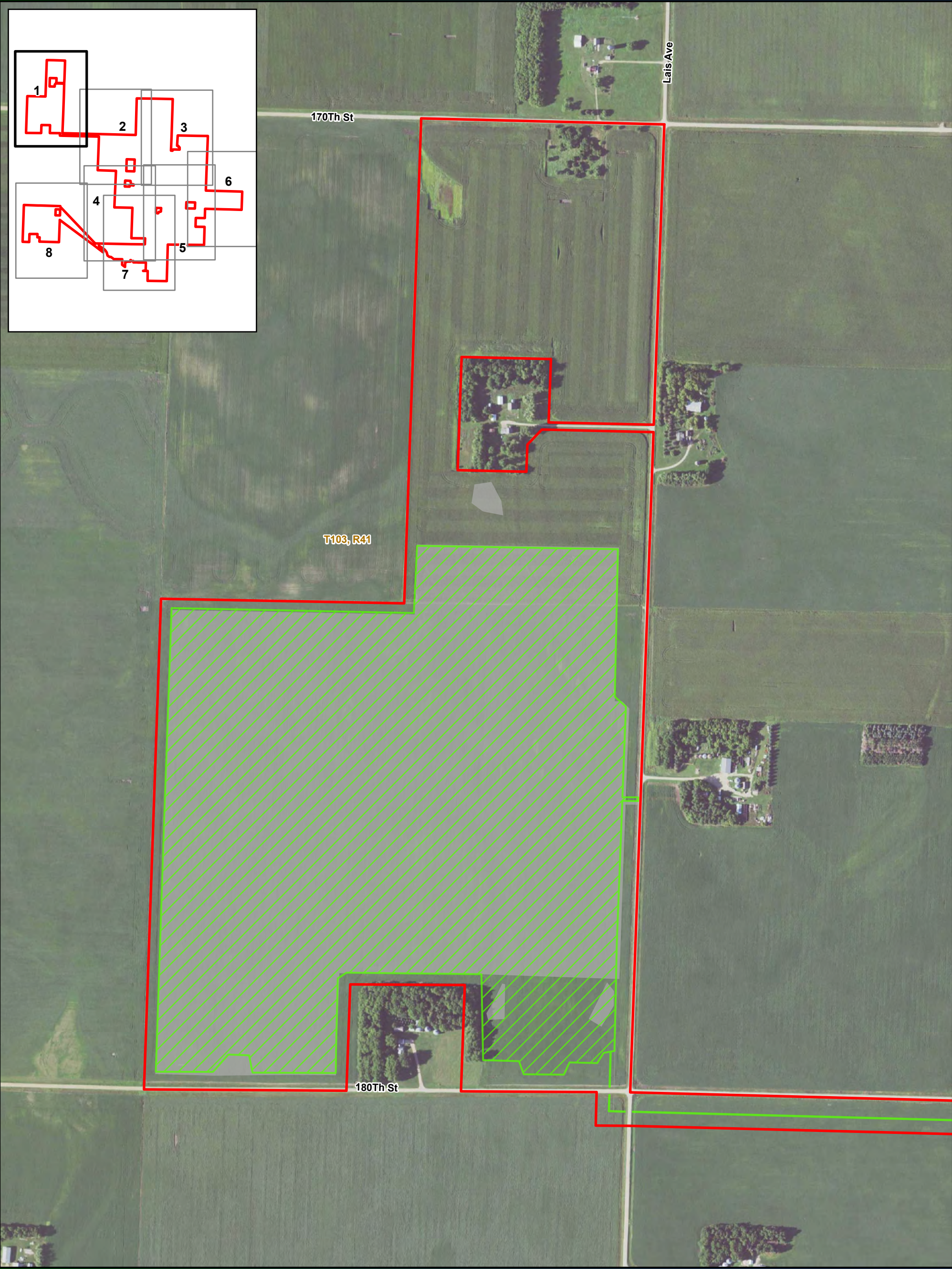
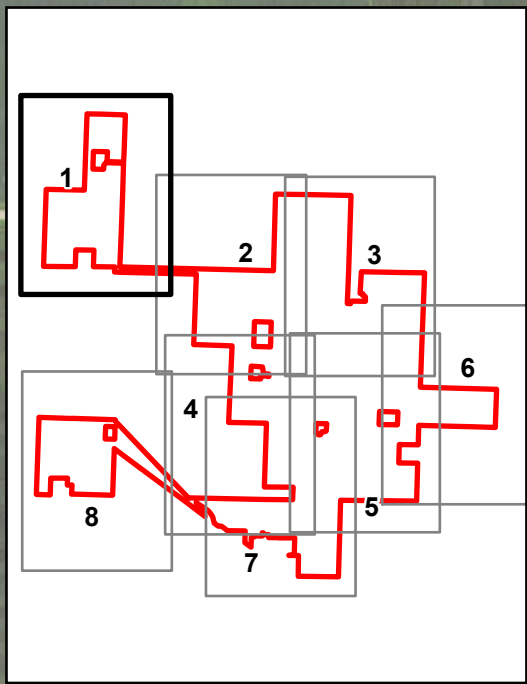
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Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI

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

- | | |
|---------------------|------------------------------------|
| Existing Substation | Collection and Communication Line |
| Land Control Area | Gen-Tie Line |
| Project Substation | Proposed Public Drain Tile Reroute |
| O&M Facility | Existing Public Drain Tile |
| Security Fence | Township |
| Access Road | |
| Solar Array | |



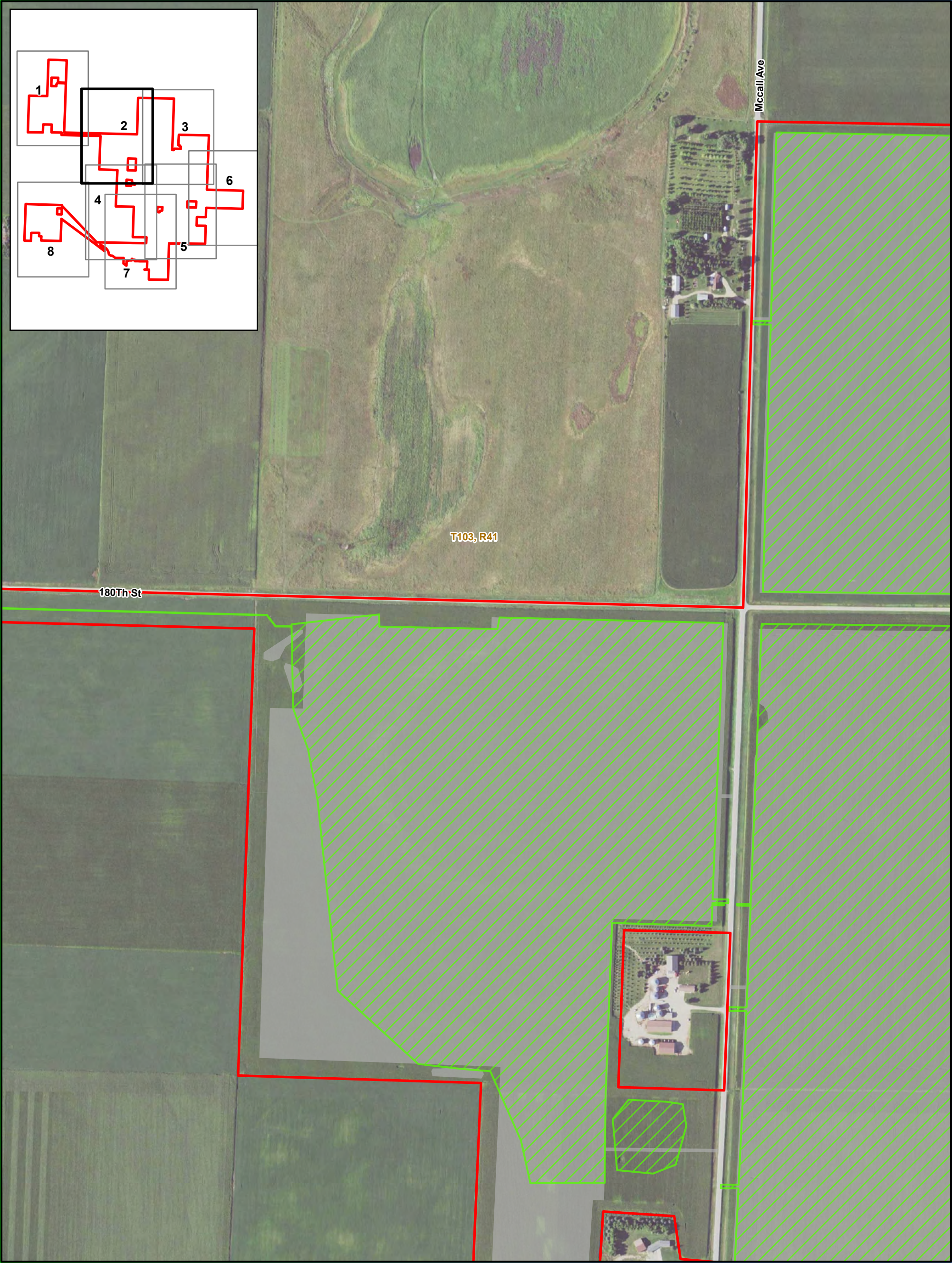
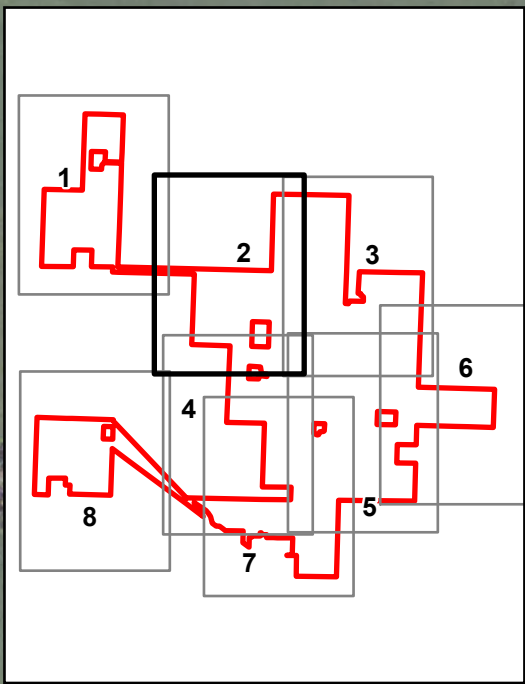
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Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI

Map 4a
Detailed Previous and Current
Project Layout
Summit Lake Solar and
BESS Projects
Nobles County, MN

- Land Control Area Amended
- Preliminary Development Area
- Original Preliminary Development Area
- Township

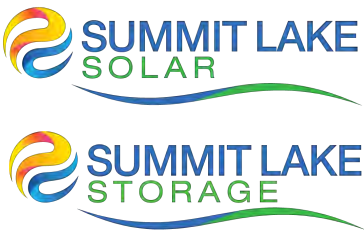
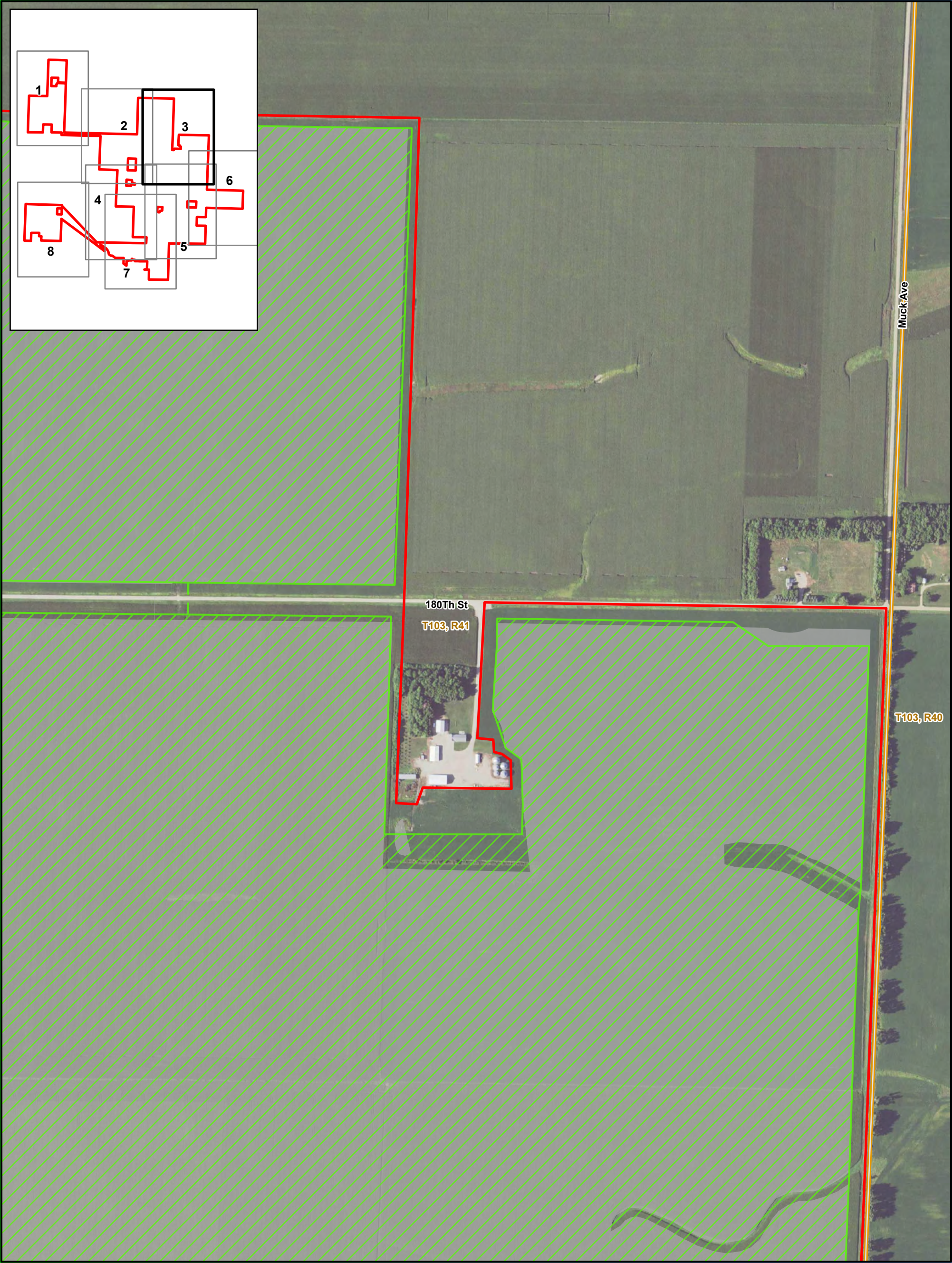
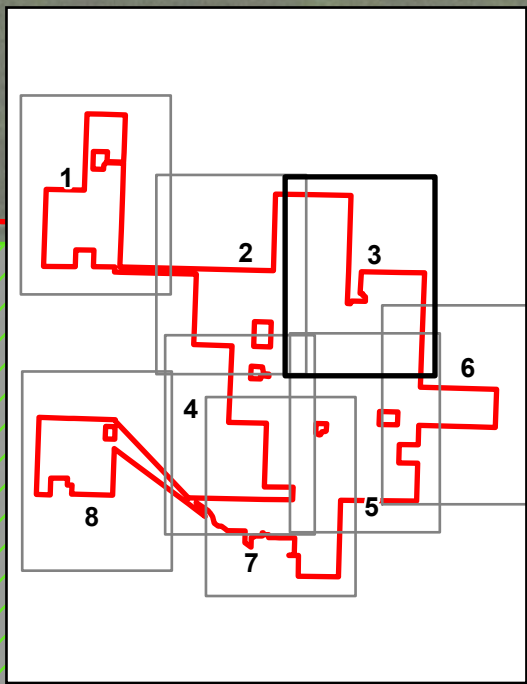


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Map 4a
Detailed Previous and Current
Project Layout
Summit Lake Solar and
BESS Projects
Nobles County, MN

- Land Control Area Amended
- Preliminary Development Area
- Original Preliminary Development Area
- Township

Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI



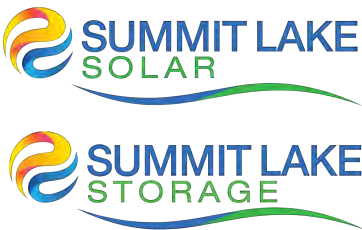
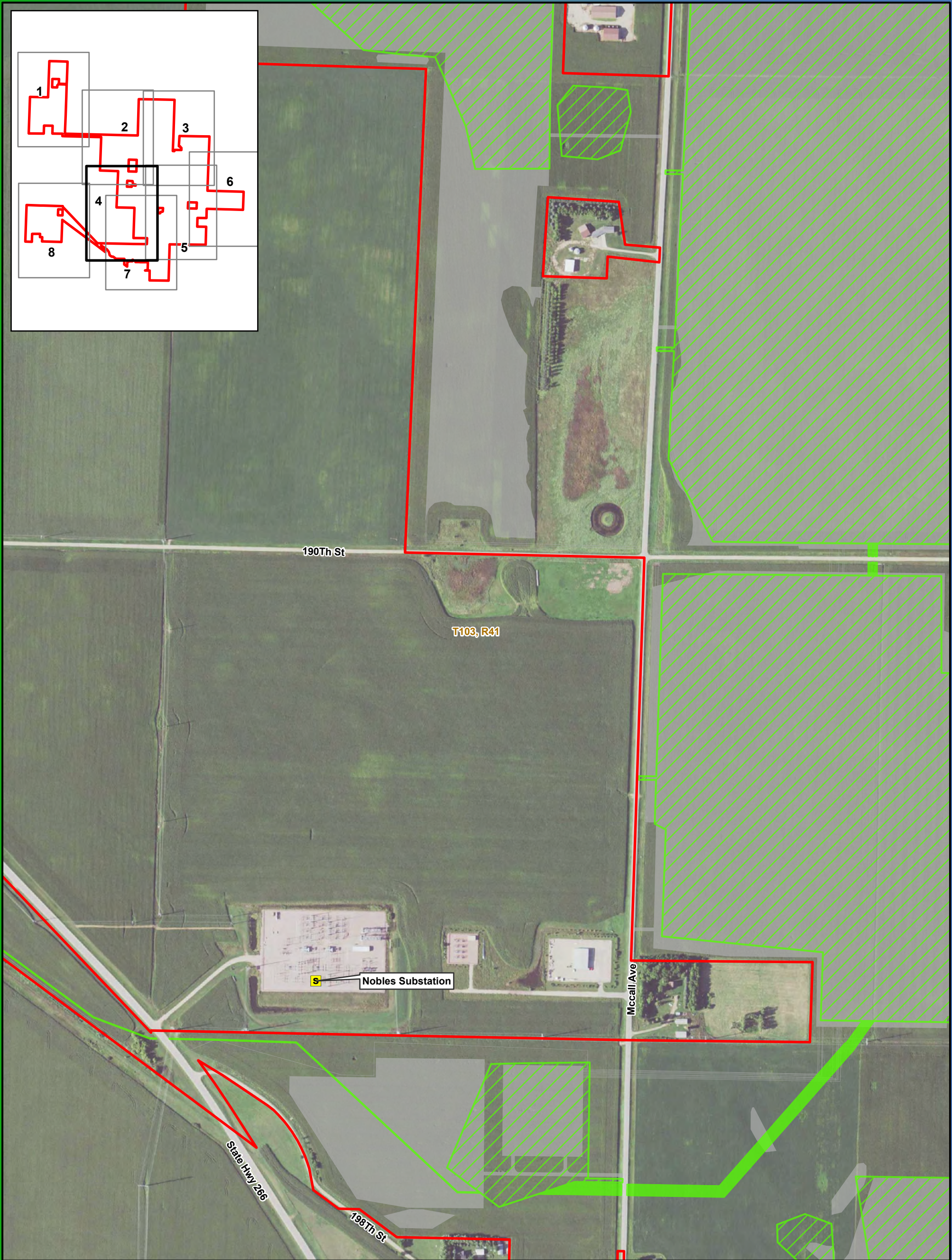
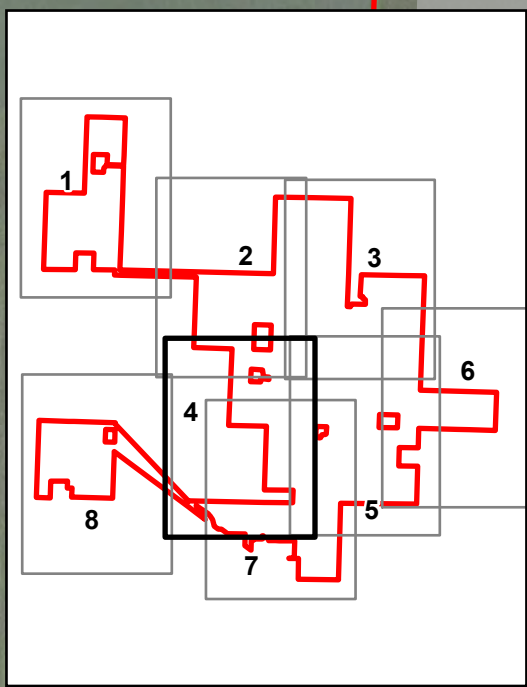
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Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI

Map 4a
Detailed Previous and Current
Project Layout
Summit Lake Solar and
BESS Projects
Nobles County, MN

- Land Control Area Amended
- Preliminary Development Area Original
- Preliminary Development Area
- Township

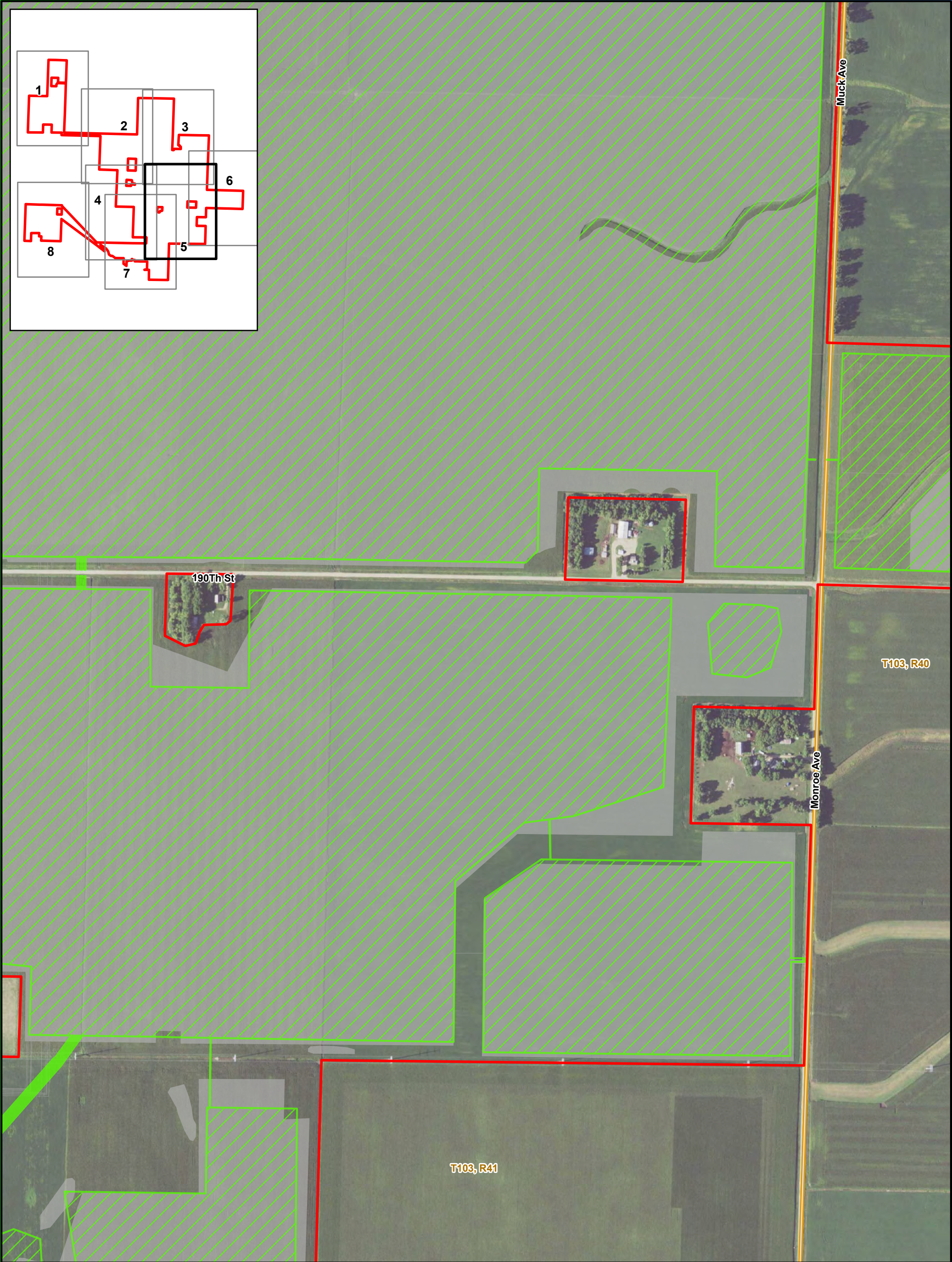
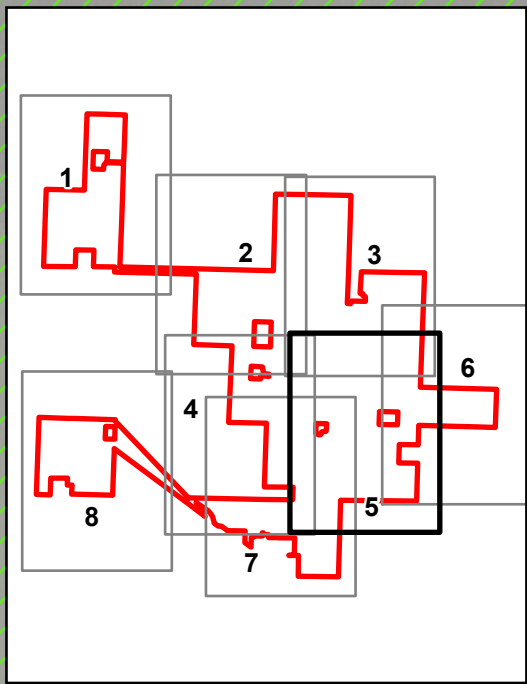


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Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI

Map 4a
Detailed Previous and Current
Project Layout
Summit Lake Solar and
BESS Projects
Nobles County, MN

- Land Control Area
- Amended
- Preliminary Development Area
- Original Preliminary Development Area
- Existing Substation
- Township



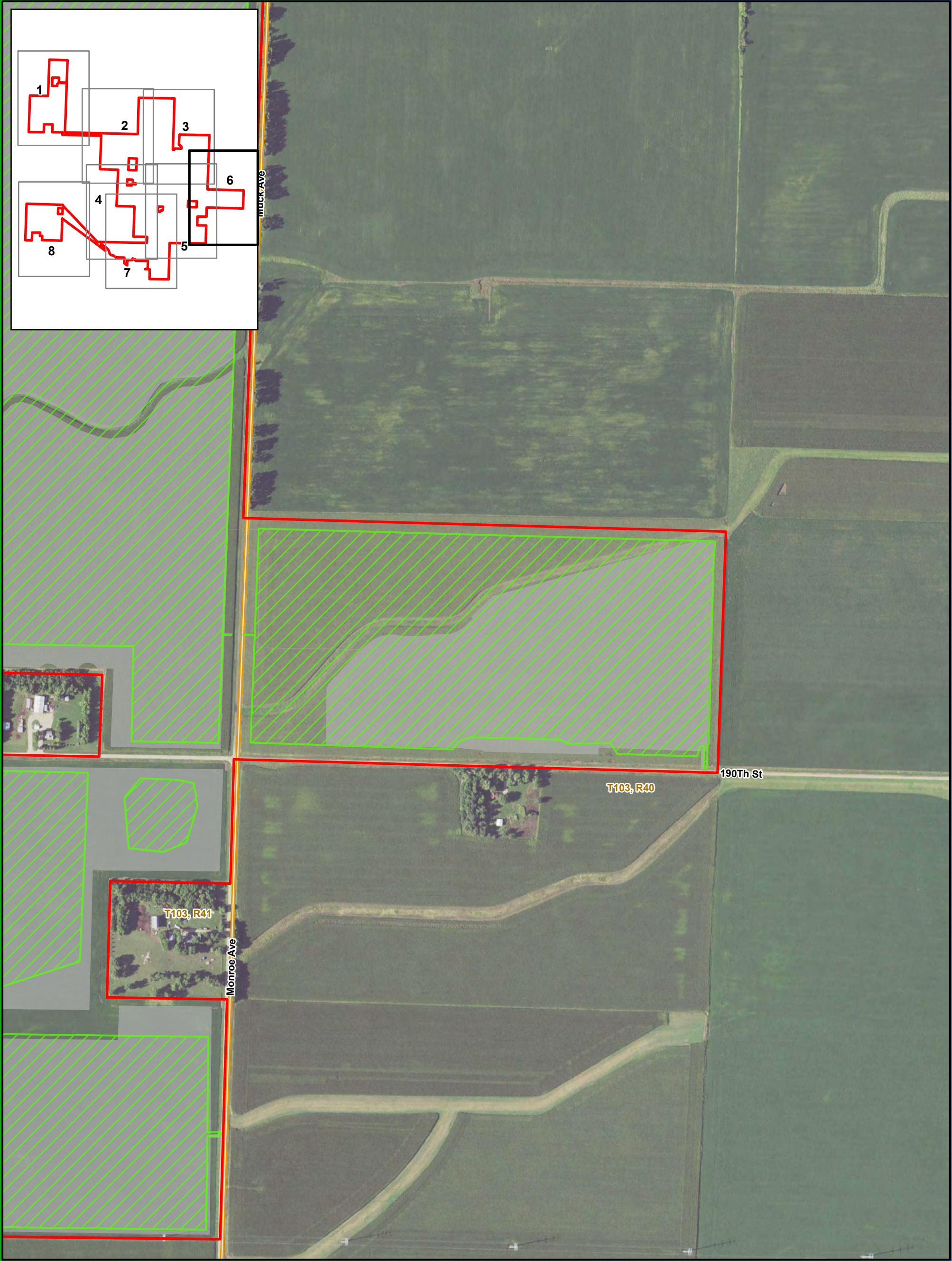
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Map 4a
Detailed Previous and Current
Project Layout
Summit Lake Solar and
BESS Projects
Nobles County, MN

- Land Control Area Amended
- Preliminary Development Area Original
- Preliminary Development Area
- Township

Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI



 **SUMMIT LAKE**
SOLAR

 **SUMMIT LAKE**
STORAGE



0 500 1,000 Feet

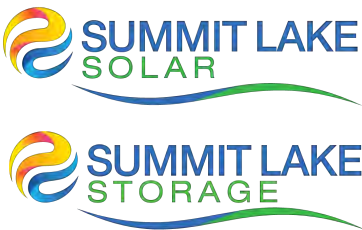
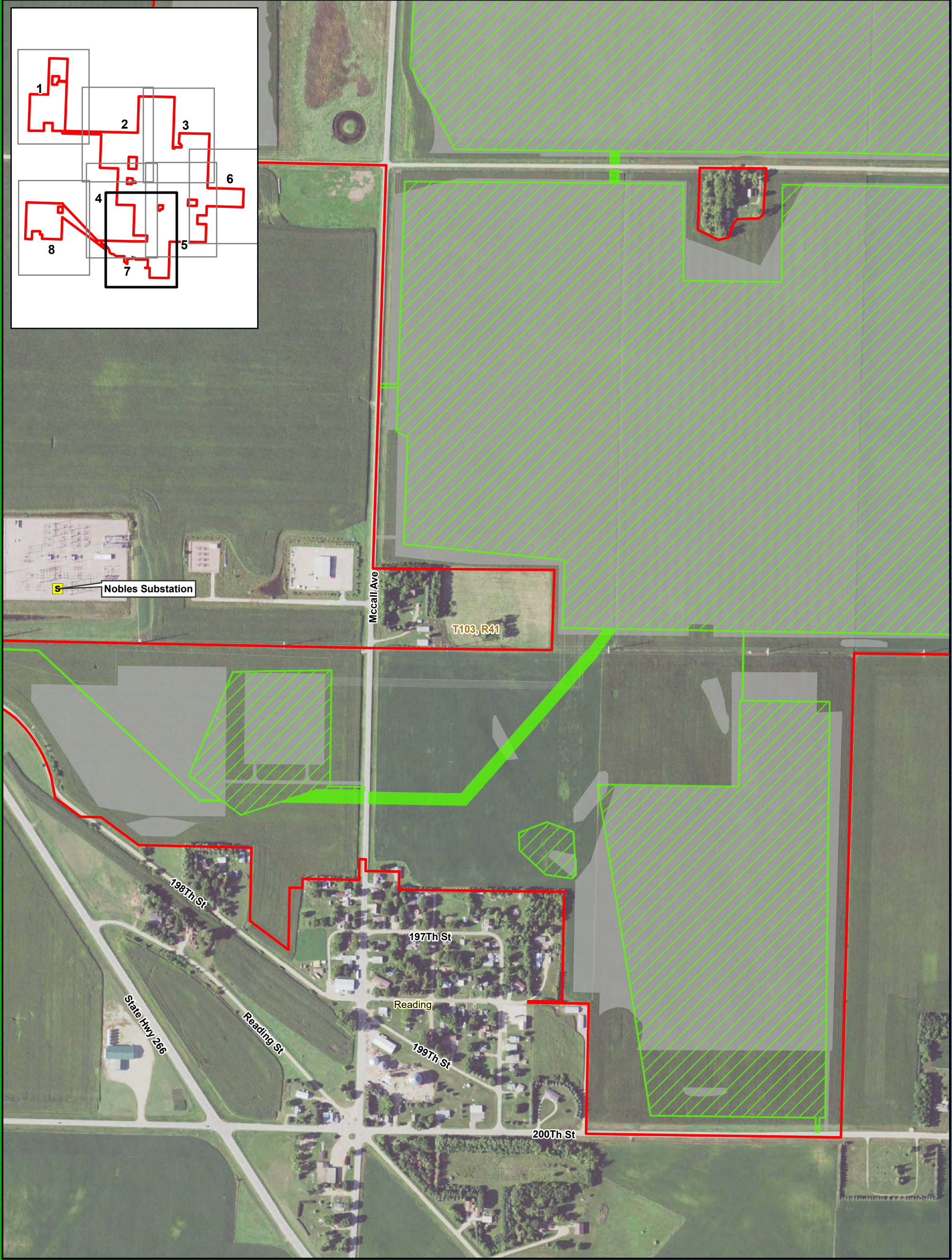
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Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI

Map 4a
Detailed Previous and Current
Project Layout
Summit Lake Solar and
BESS Projects
Nobles County, MN

Page 6 of 8

-  Land Control Area
-  Amended
-  Preliminary Development Area
-  Original
-  Preliminary Development Area
-  Township



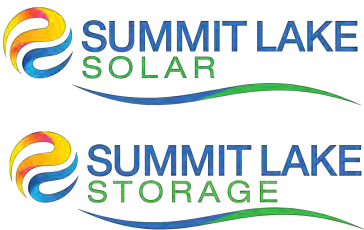
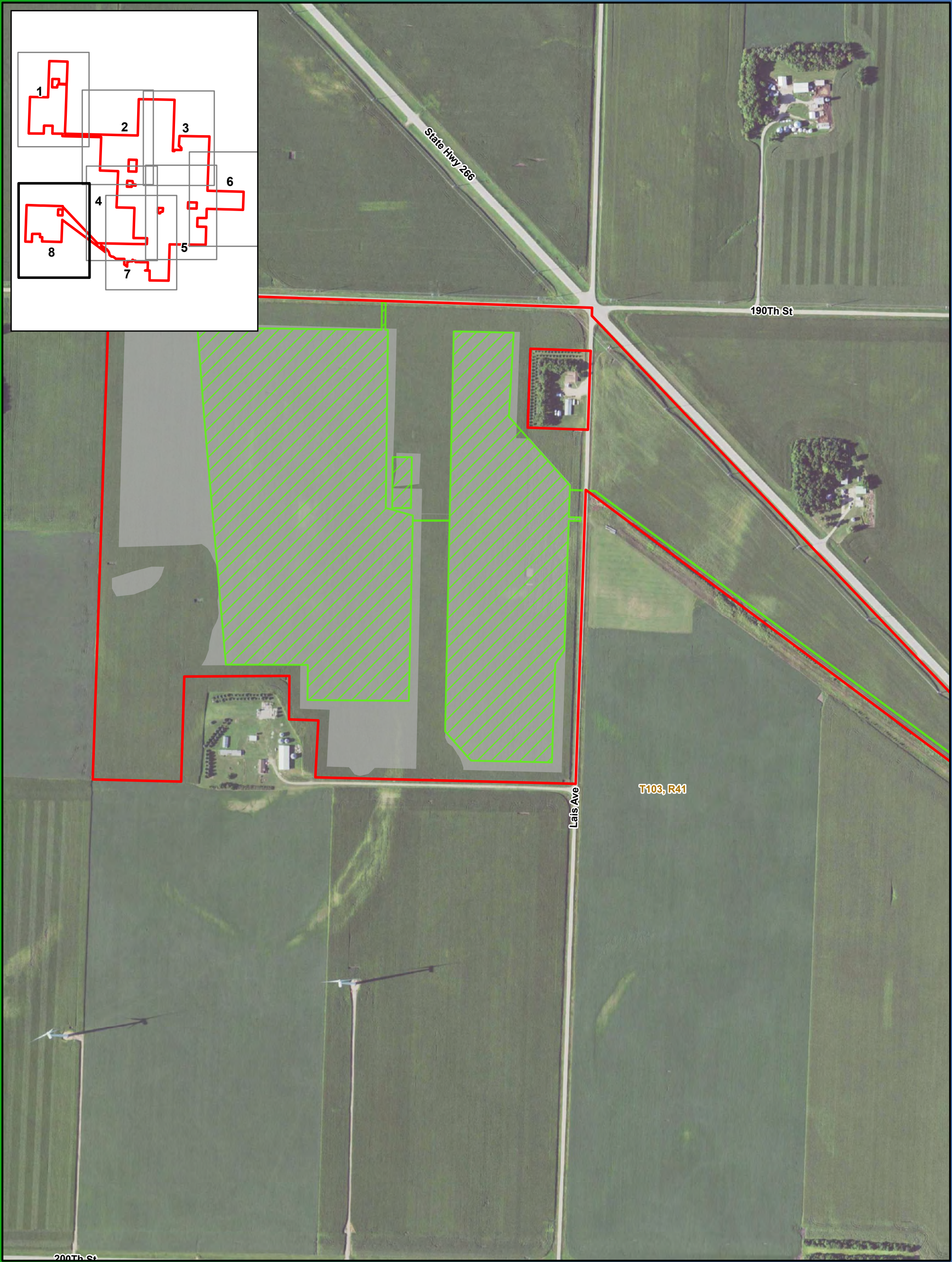
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1:6,000



Map 4a Detailed Previous and Current Project Layout Summit Lake Solar and BESS Projects Nobles County, MN

- Land Control Area
- Amended
- Preliminary Development Area
- Original Preliminary Development Area
- Existing Substation
- Township

Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI



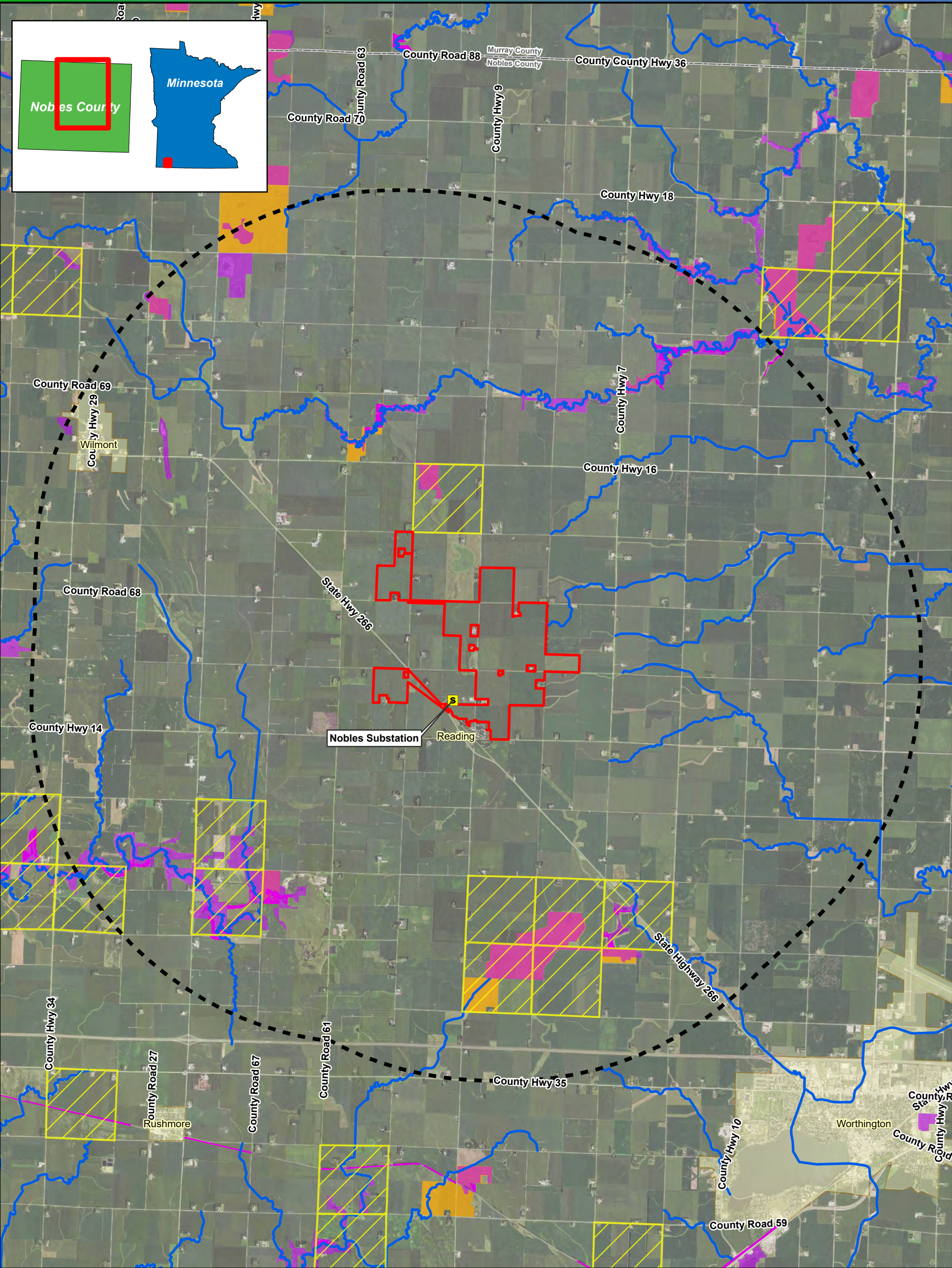
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Map 4a
Detailed Previous and Current
Project Layout
Summit Lake Solar and
BESS Projects
Nobles County, MN

- Land Control Area Amended
- Preliminary Development Area
- Original Preliminary Development Area
- Township

Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI



 **SUMMIT LAKE**
SOLAR

 **SUMMIT LAKE**
STORAGE



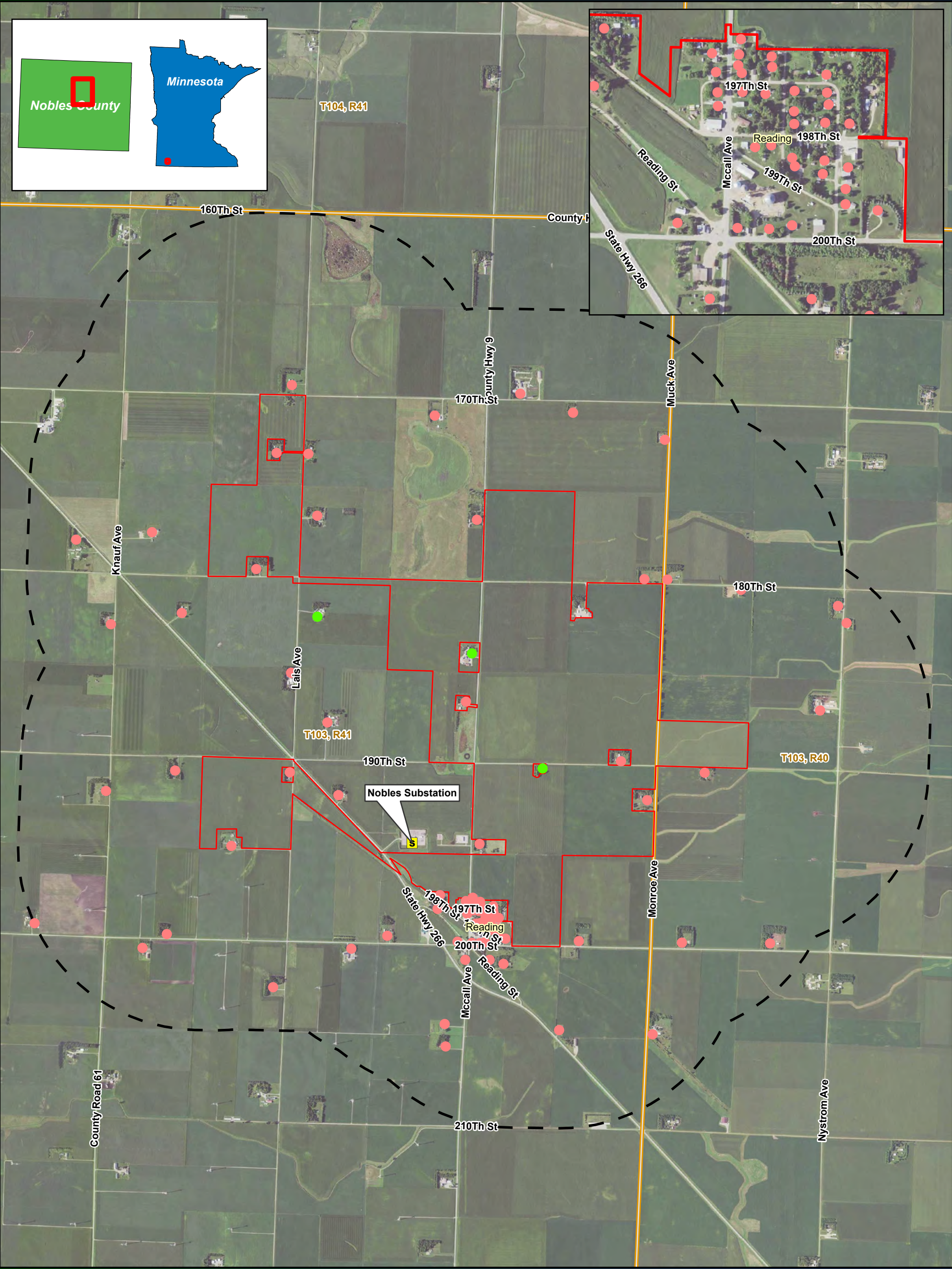
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Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI

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 |



SUMMIT LAKE
SOLAR

SUMMIT LAKE
STORAGE



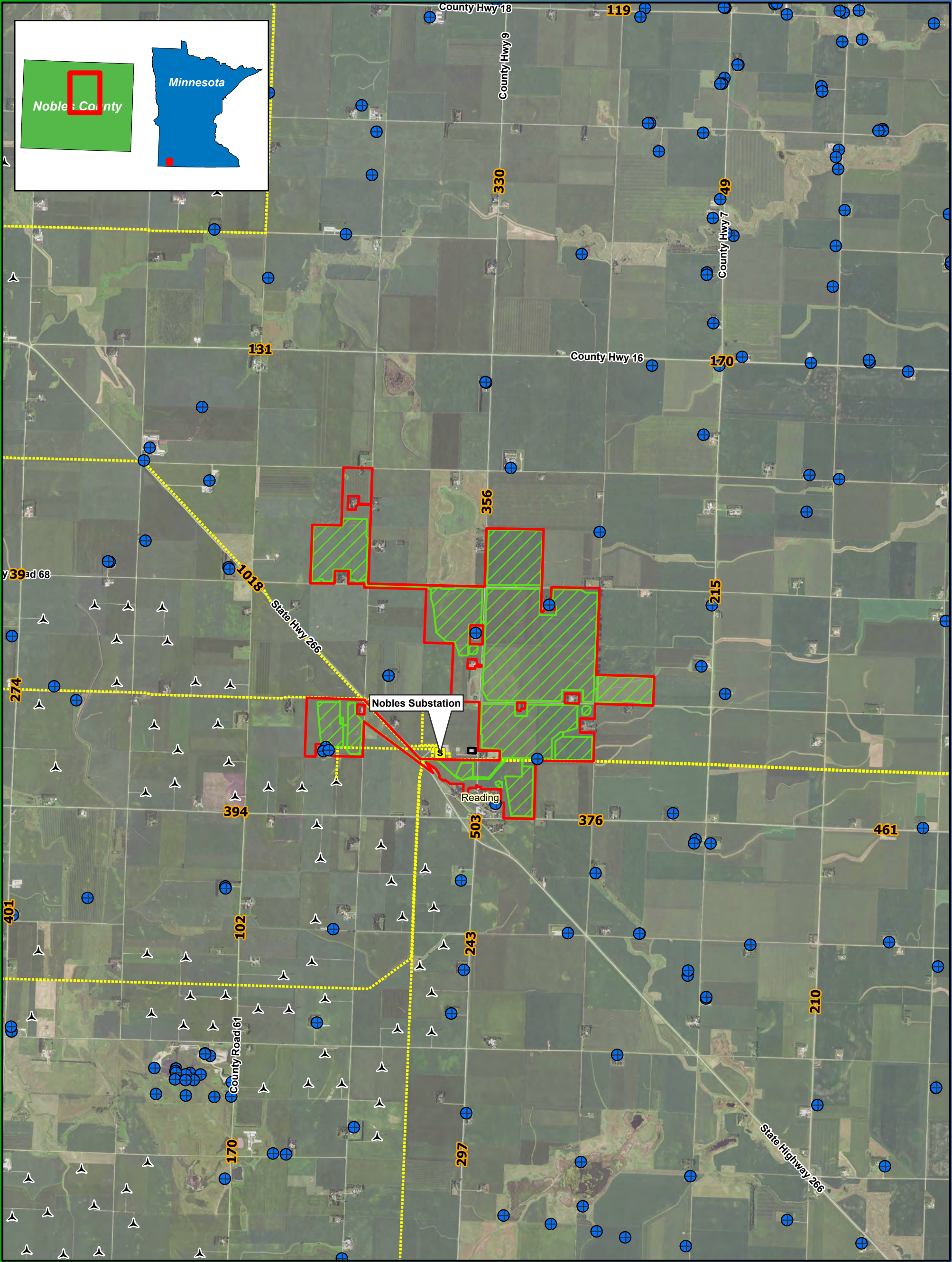
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Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI

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



SUMMIT LAKE
SOLAR

SUMMIT LAKE
STORAGE



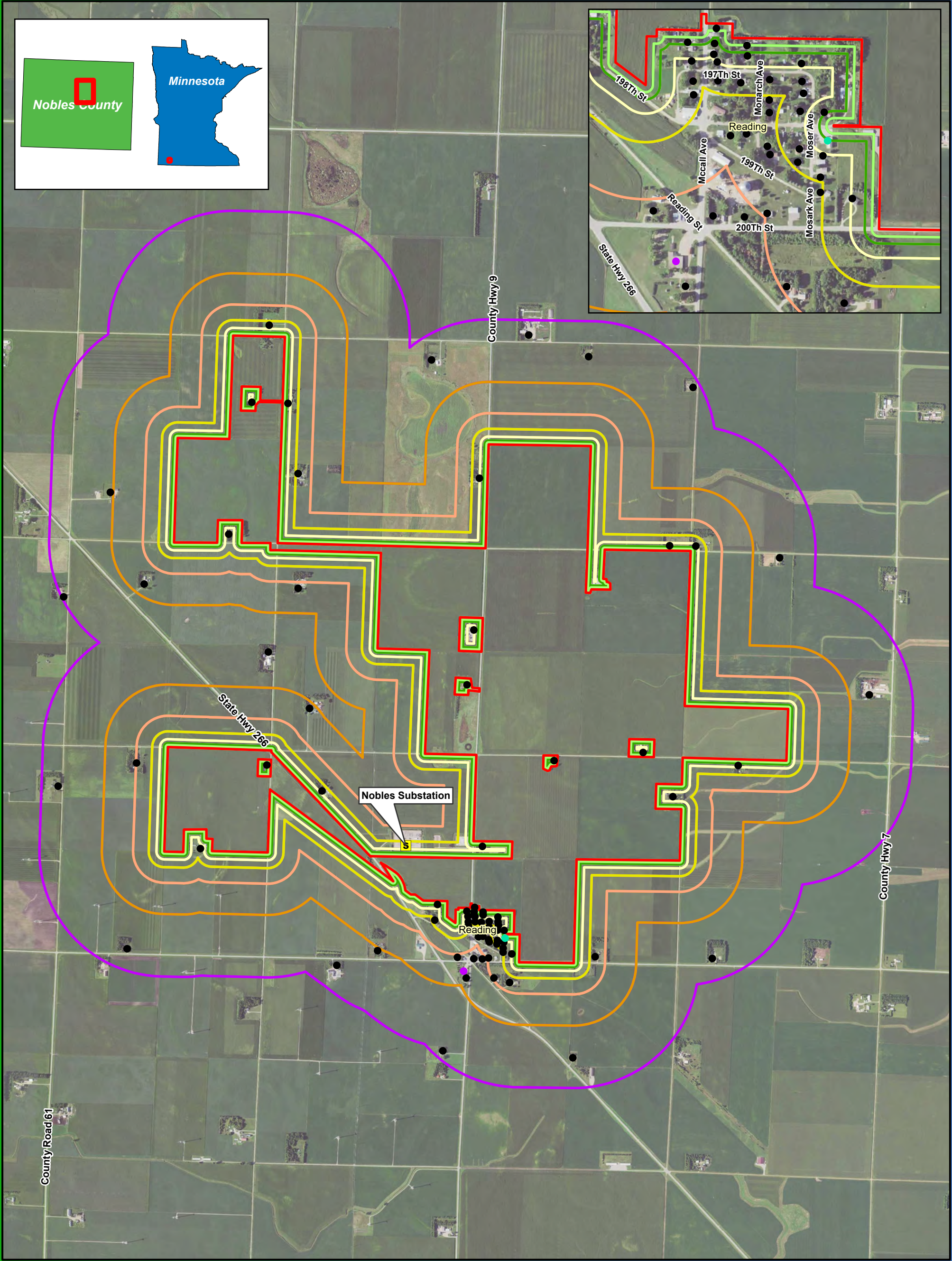
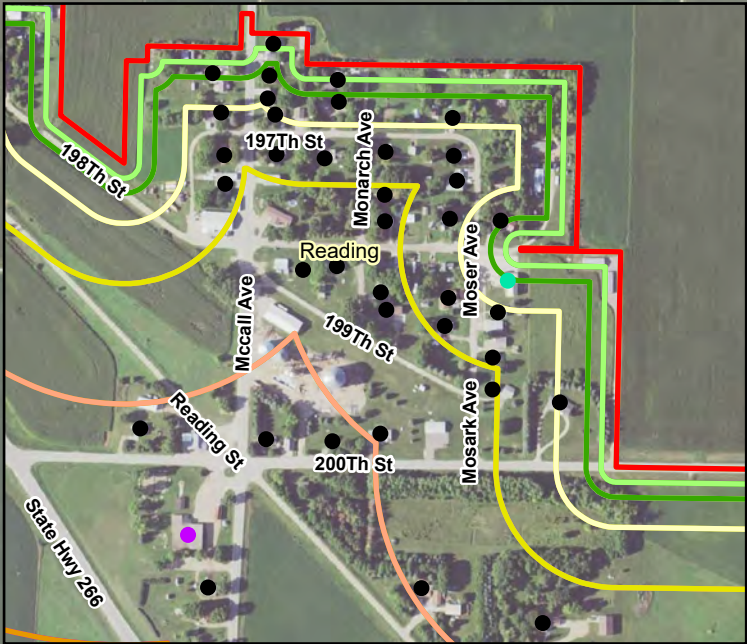
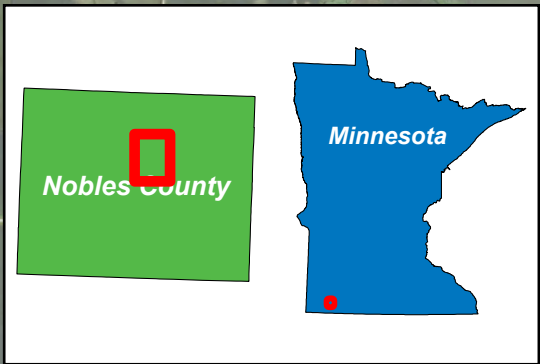
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Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, MNDOT, ESRI

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 |
| Amended Preliminary Development Area | # AADT |



SUMMIT LAKE
SOLAR

SUMMIT LAKE
STORAGE

0 1,500 3,000 Feet

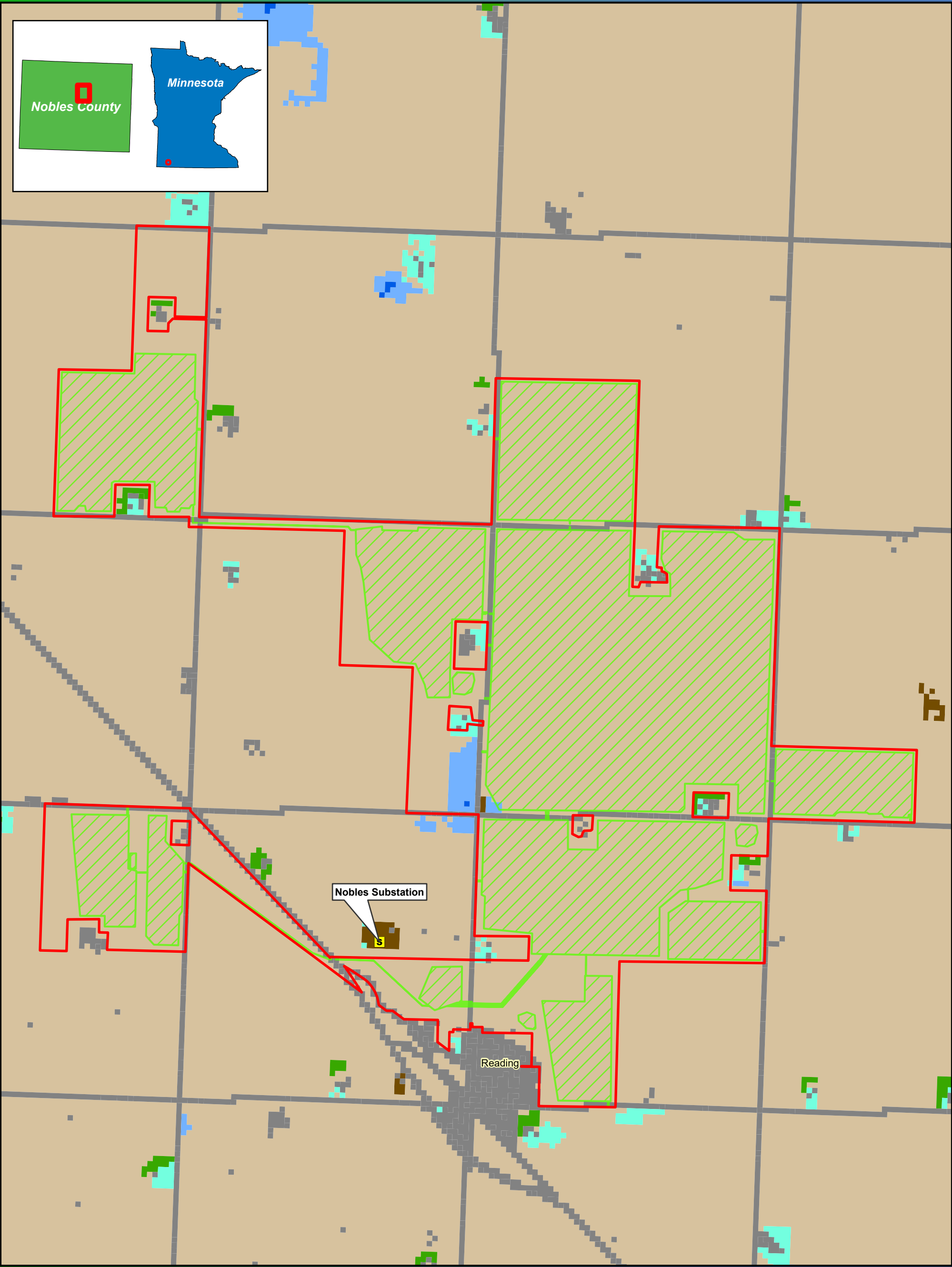
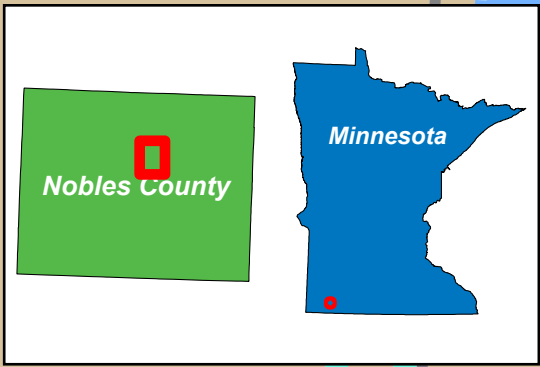
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Map 8 Noise Receptors Summit Lake Solar and BESS Projects Nobles County, MN

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

Sources: Geronimo Power, MN Geospatial Commons, MDNR, ESRI, USGS



0 1,500 3,000 Feet

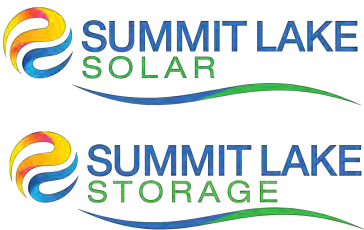
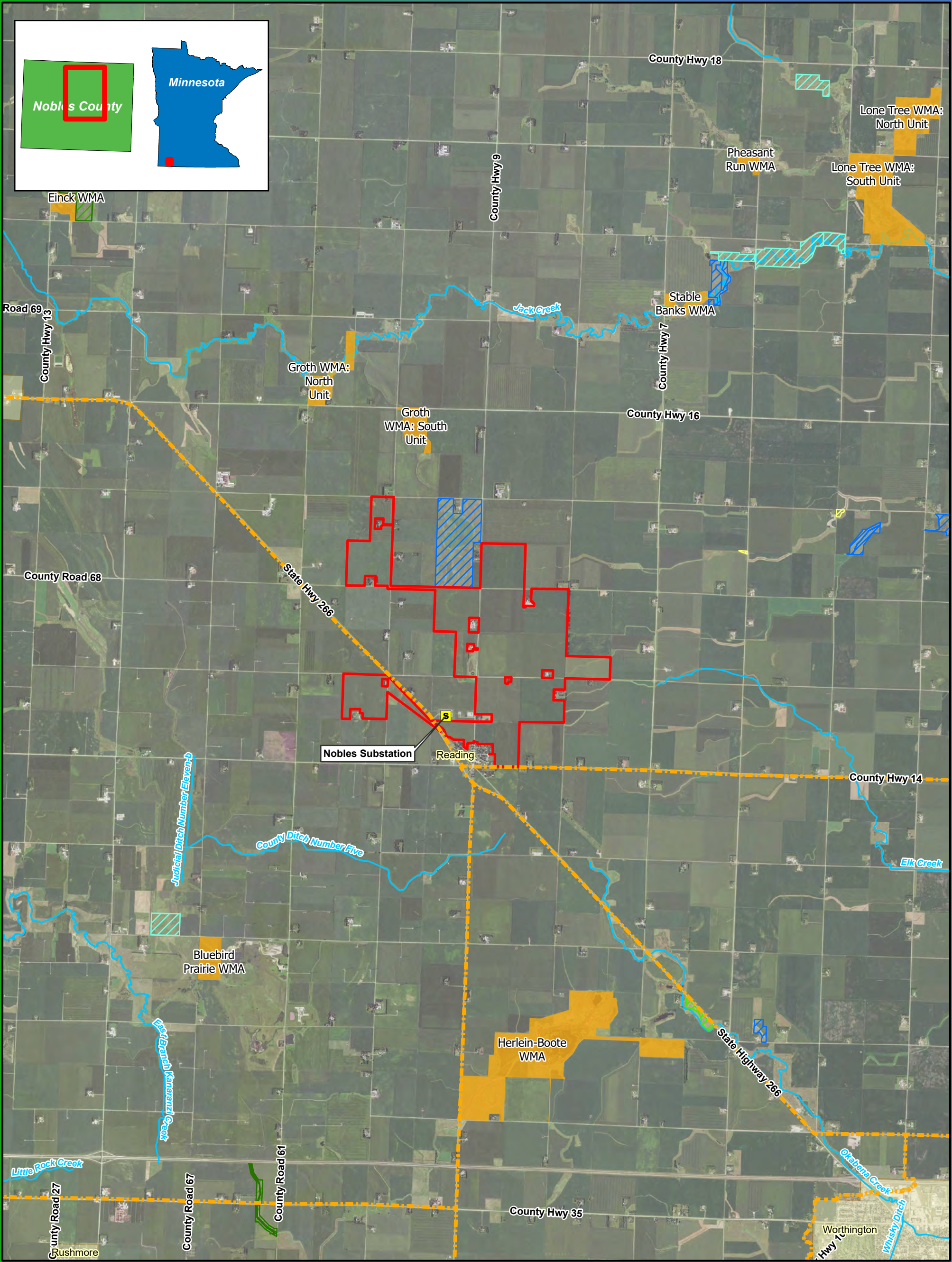
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Map 9 Land Cover/Land Use Summit Lake Solar and BESS Projects Nobles County, MN

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

Sources: Geronimo Power, MN Geospatial Commons, MDNR, ESRI, USGS NLCD Database

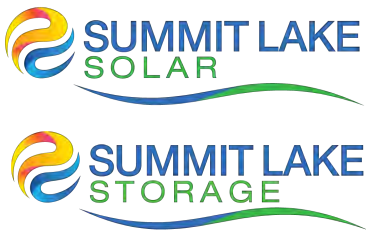
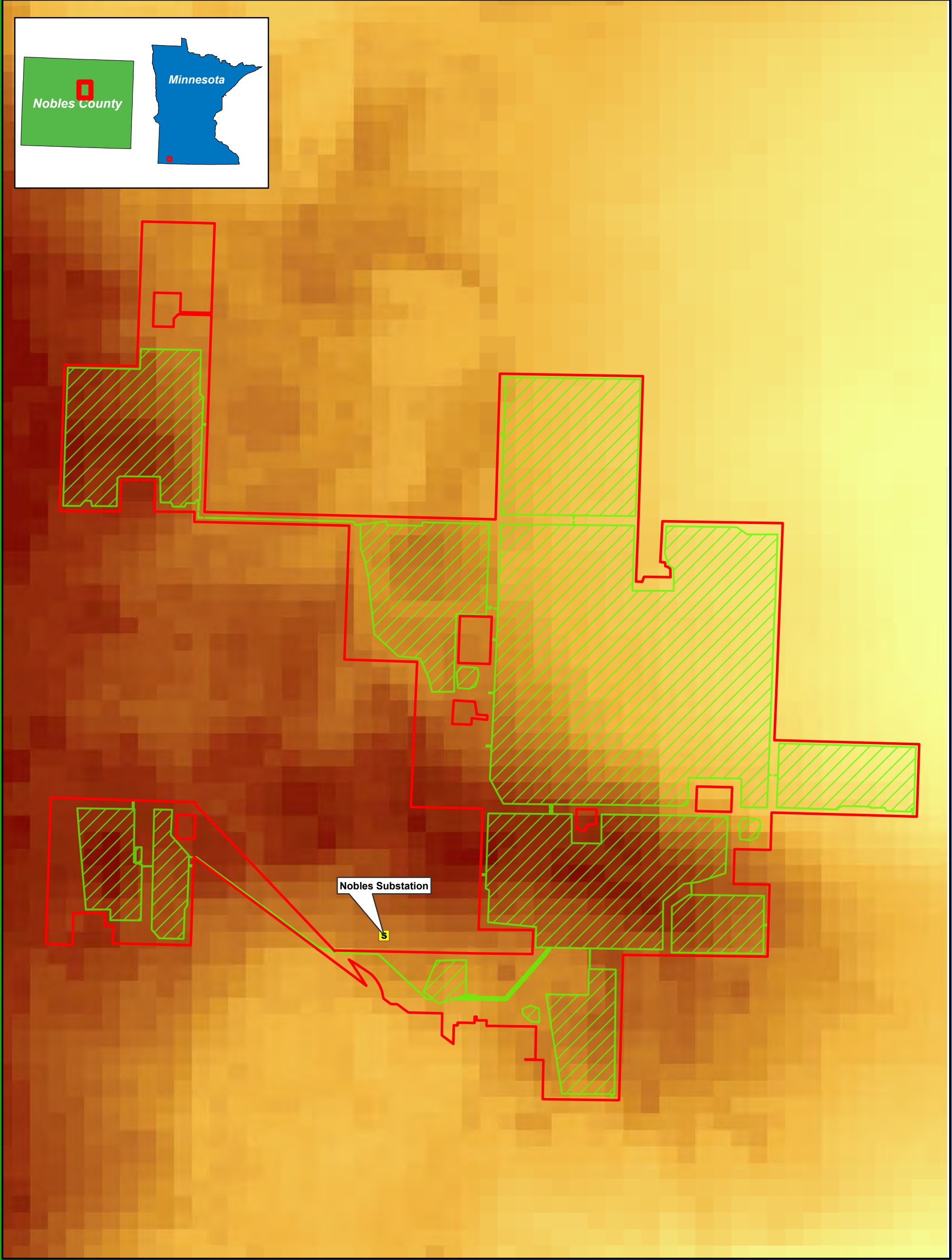
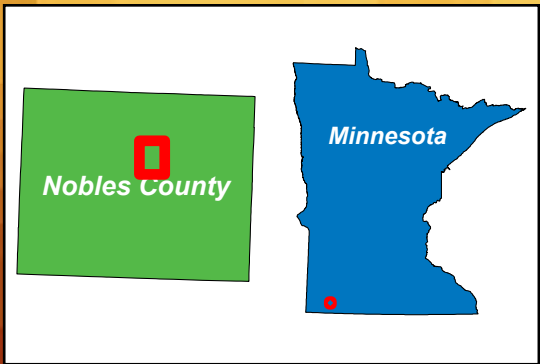


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Map 10 Public Land Ownership and Recreation Summit Lake Solar and BESS Projects Nobles County, MN

- | | | |
|--------------------------------|--------------------------------|-------------------------------|
| 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: Geronimo Power, MN Geospatial Commons, MDNR, ESRI

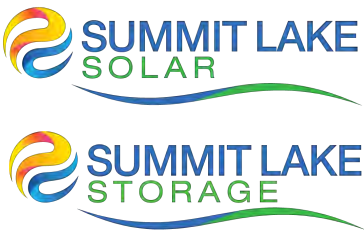
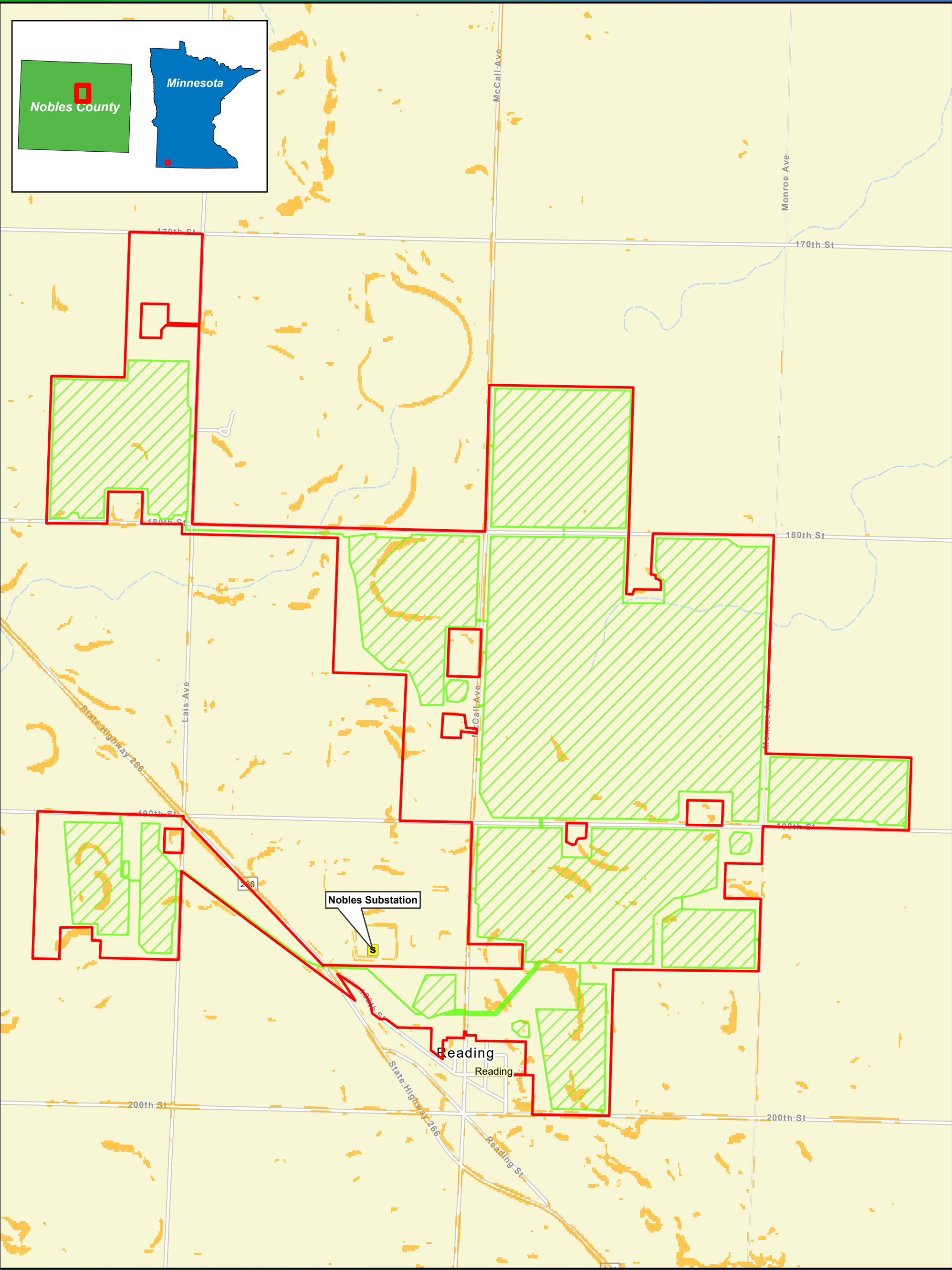
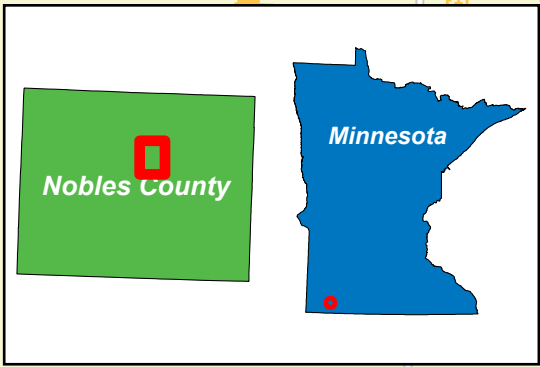


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Map 11
Site Geology and
Depth to Bedrock
Summit Lake Solar and
BESS Projects
Nobles County, MN

- Existing Substation
- Land Control Area Amended
- Preliminary Development Area
- Depth to Bedrock (ft)
 - 668
 - 485

Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI



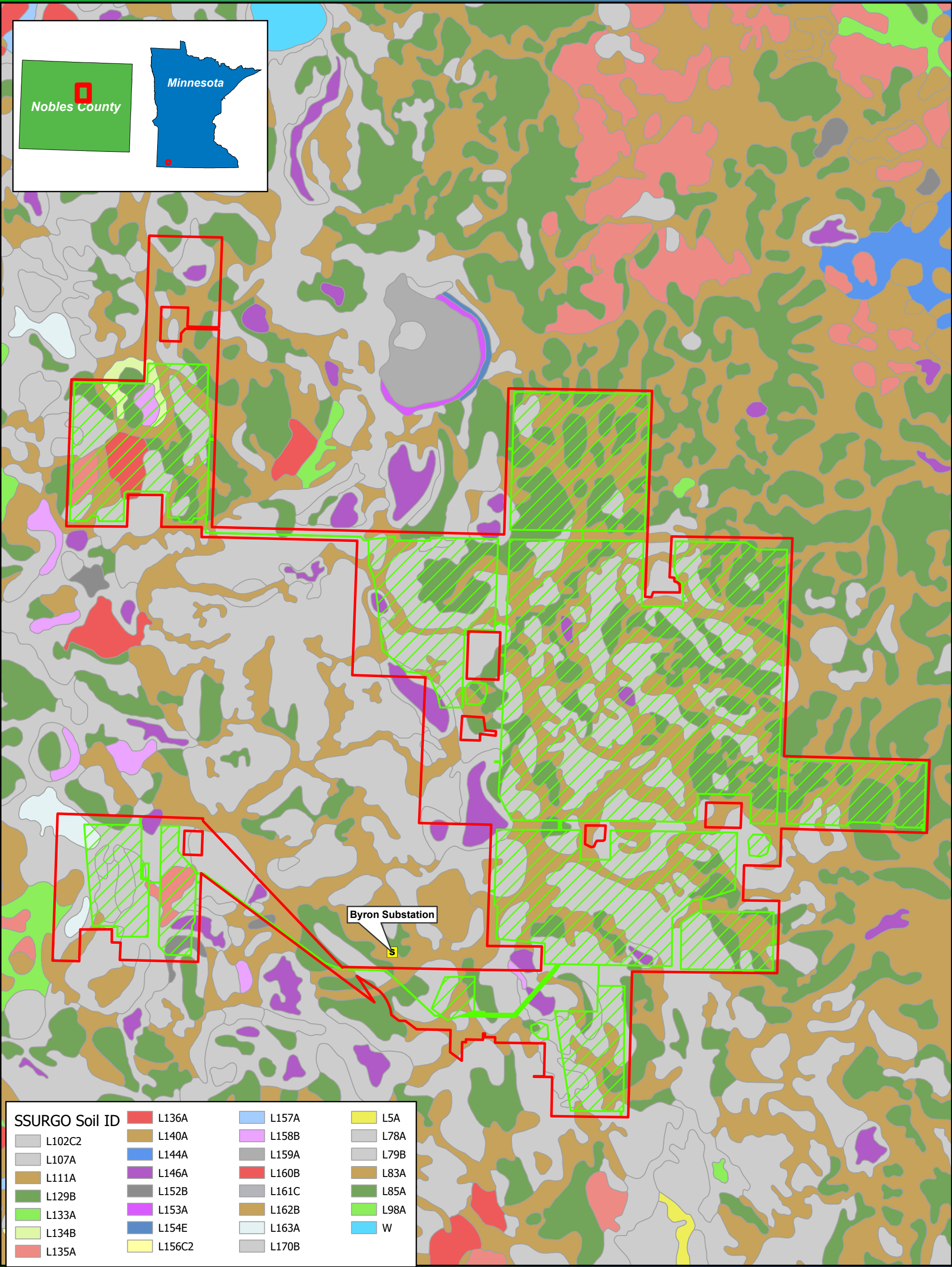
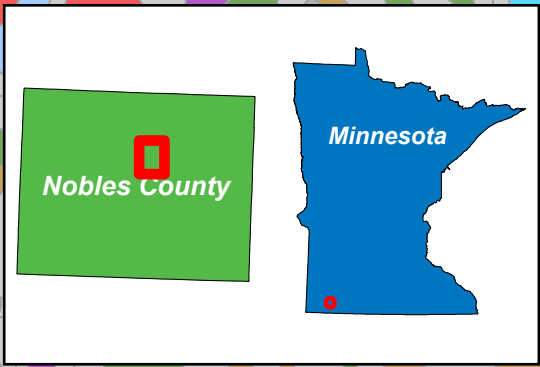
0 1,500 3,000 Feet

1:20,000

Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI, NRCS Web Soil Survey

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

- Existing Substation
- Land Control Area
- Amended Preliminary Development Area
- Slope > 5%
- County Boundary



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		



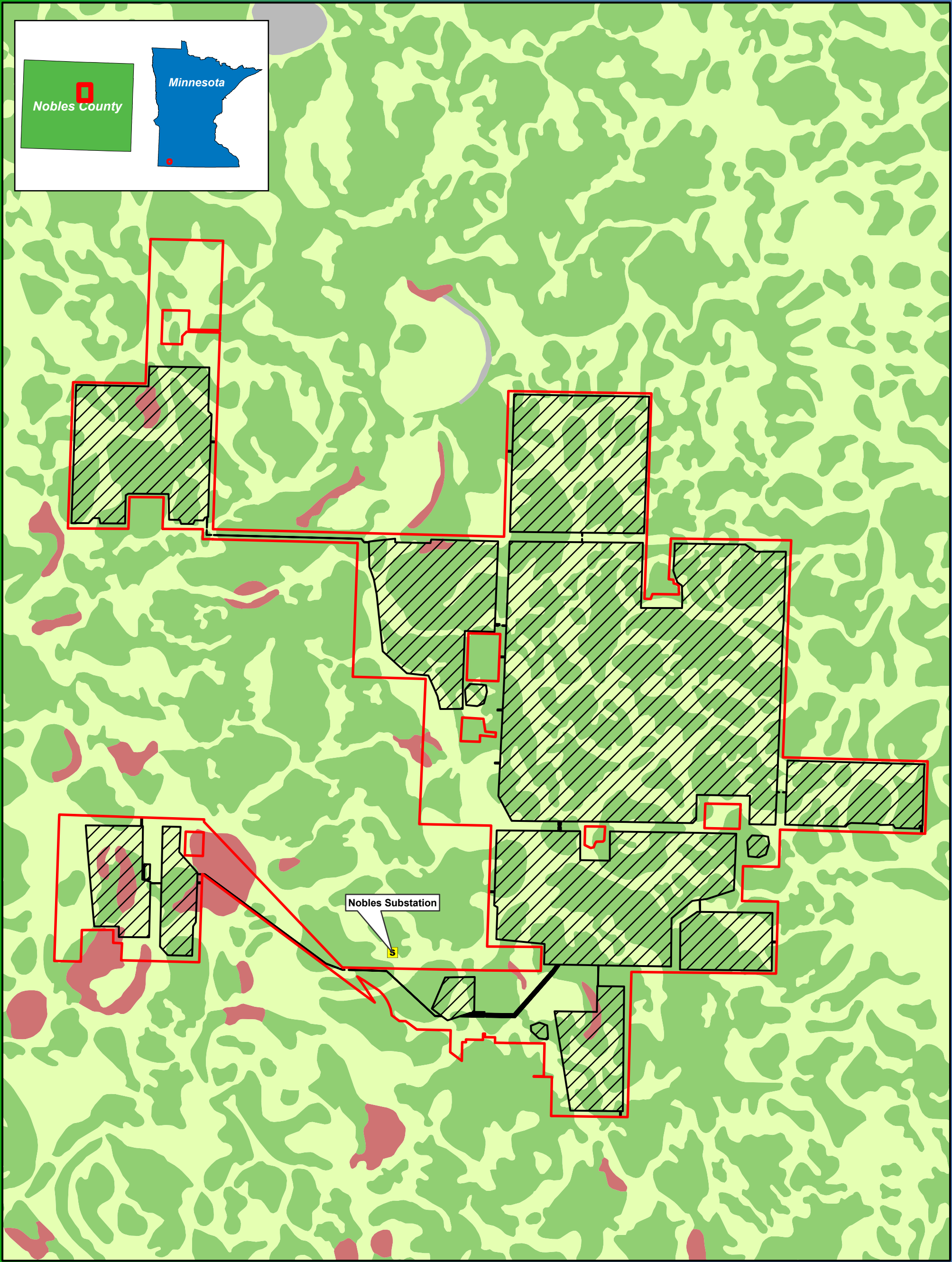
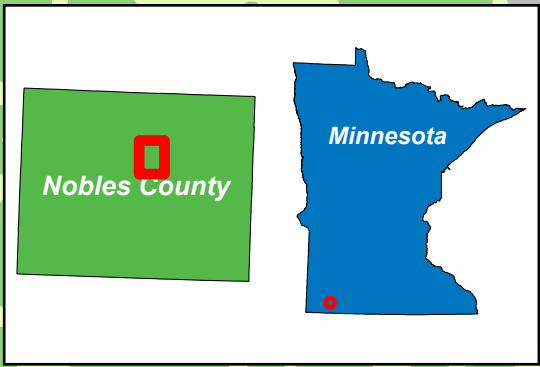
0 1,500 3,000 Feet

1:20,000

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

-  Existing Substation
-  Land Control Area
- Amended
-  Preliminary Development Area

Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI, NRCS Web Soil Survey



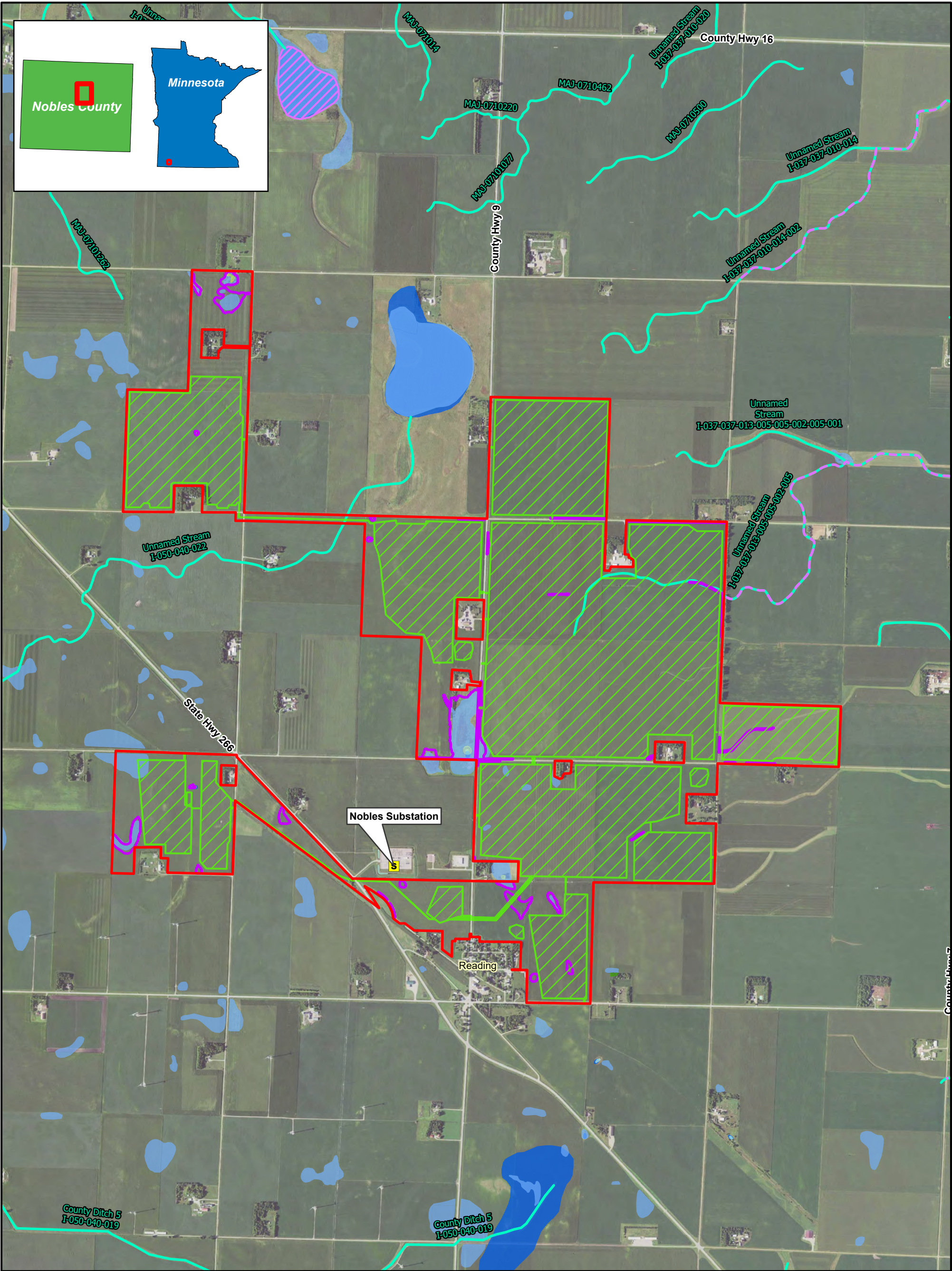
0 1,500 3,000 Feet

1:20,000

Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI, NRCS Web Soil Survey

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

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



SUMMIT LAKE
SOLAR

SUMMIT LAKE
STORAGE



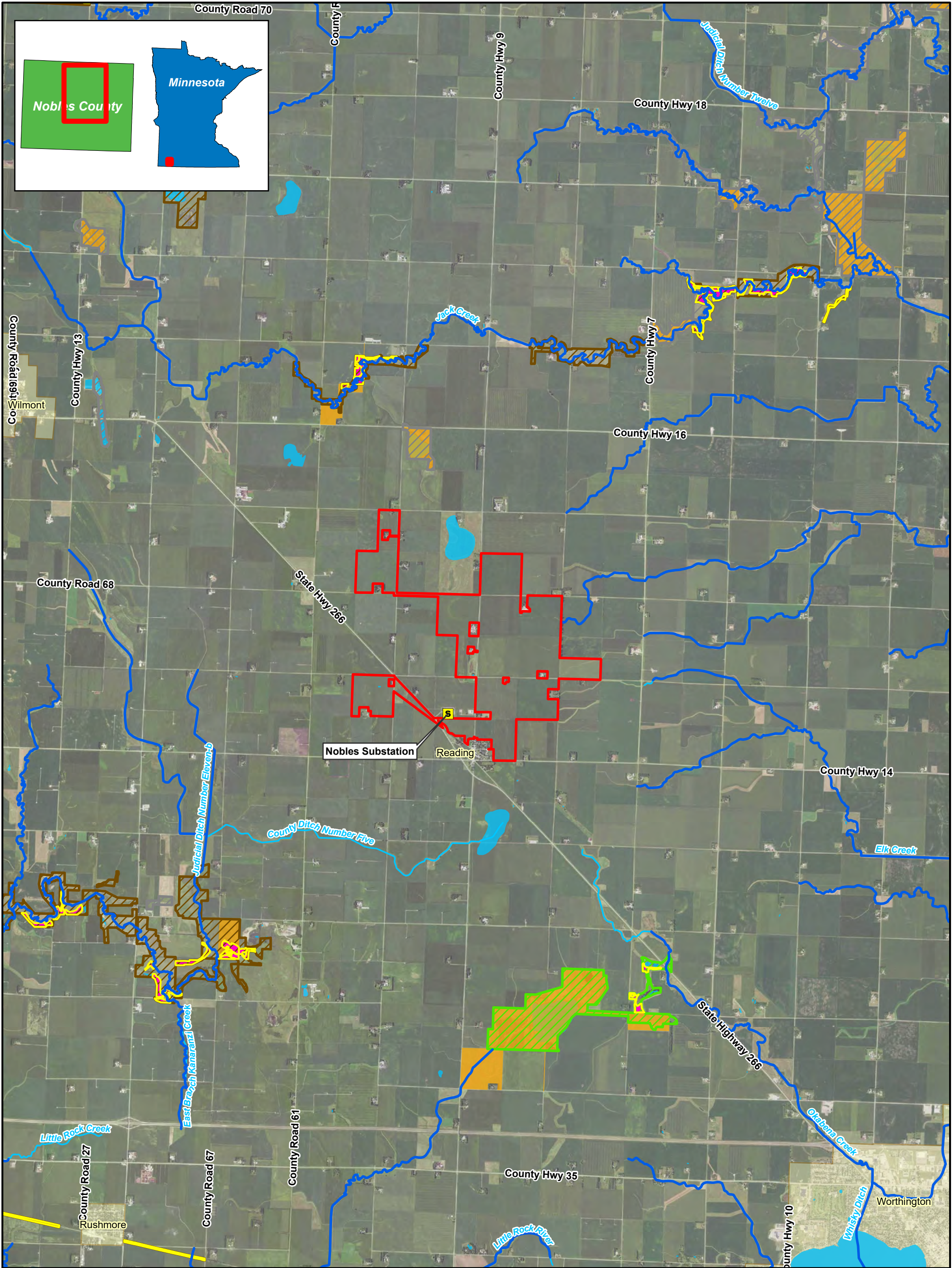
0 1,500 3,000 Feet

1:24,000

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

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

Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI



SUMMIT LAKE
SOLAR

SUMMIT LAKE
STORAGE



0 1 2 Miles

1:70,000

Imagery Source: 2021 FSA
Sources: Geronimo Power, MN Geospatial Commons,
MDNR, ESRI

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

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