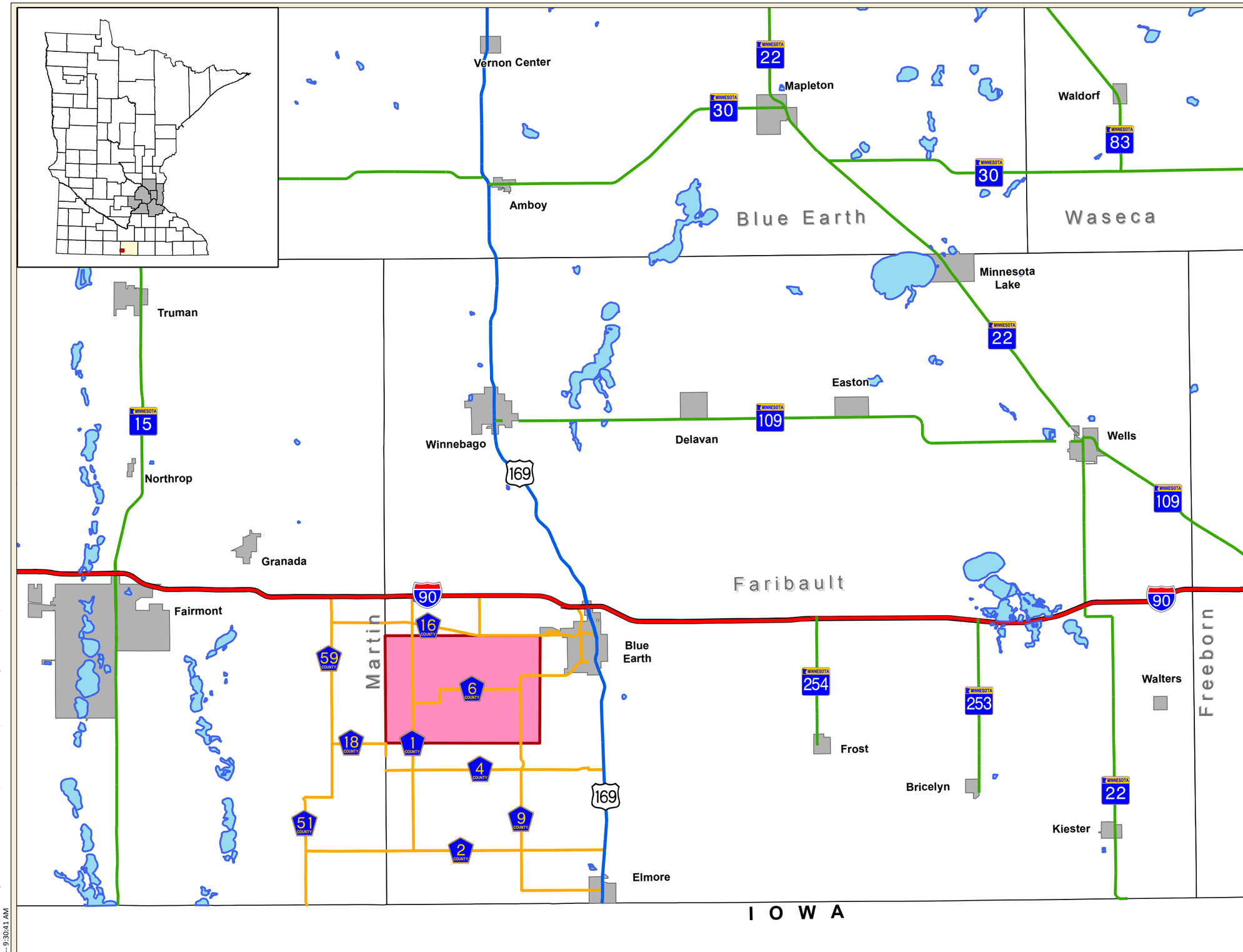
Regional Location Map

Map 1



Legend

- Interstate Trunk Highway
- U.S. Trunk Highway
- Minnesota Trunk Highway
- County Highway
- Project Boundary
- Municipal Boundaries
- County Boundary
- Lakes
- Rivers

Source: MnDNR, MnDOT

0 3.5 Miles

LARGE WIND ENERGY CONVERSION SYSTEM
Big Blue Wind Farm
Faribault County, Mn

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March, 2011

Map Document: (\\arcserver1\gis\PRIV\M32101673\ESRI\Maps\18-2MW WTG Option\101673-Regional Location Map 11x17.mxd)
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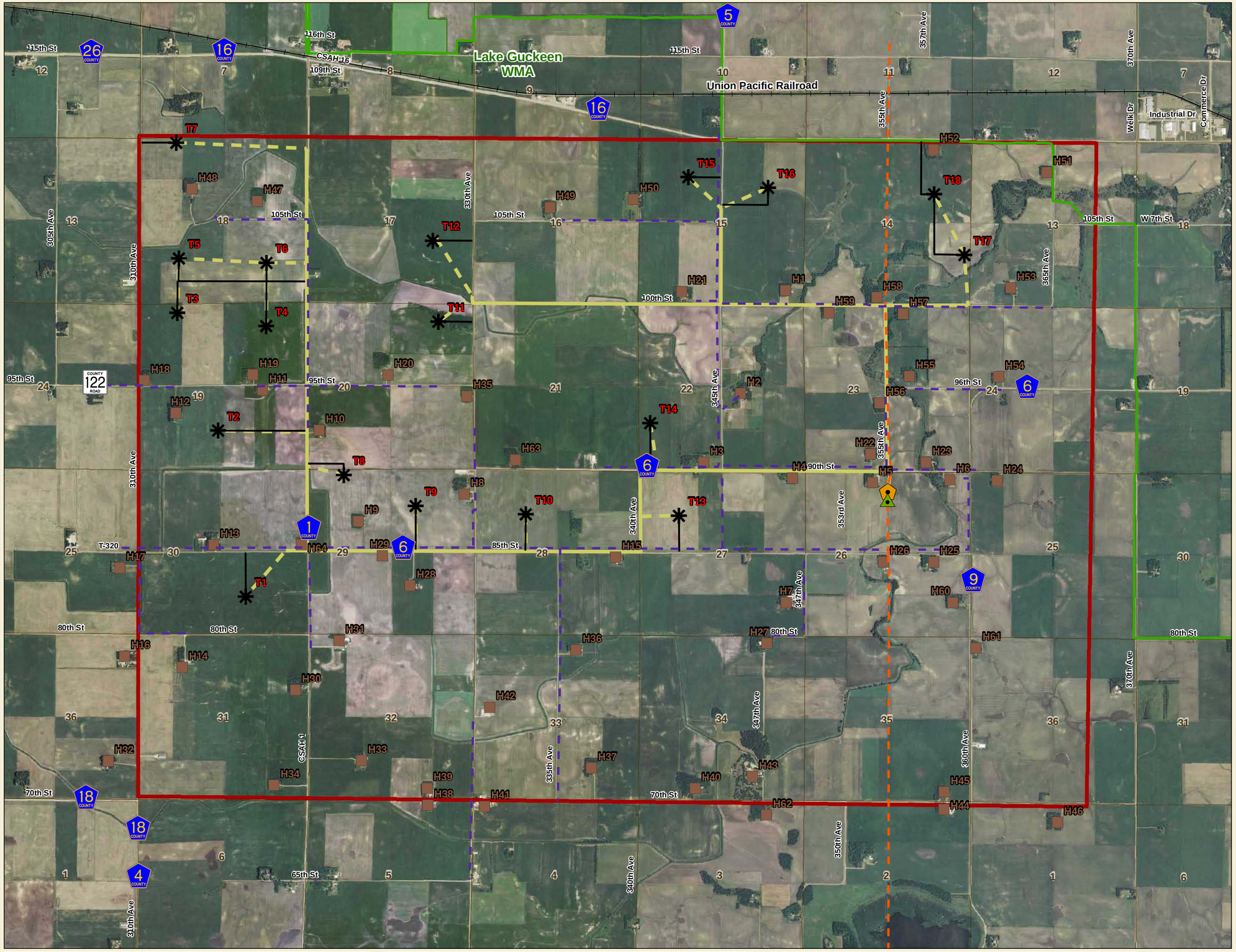
Proposed Siting Layout
18 - 2 MW WTG Option

Map 2-A



Legend

- Housing Units
- Preliminary SCADA Building
- Preliminary Substation Site
- Preliminary WTG Tower Locations
- Existing 161 kV Line
- Existing Distribution Line
- Snowmobile Trail
- Overhead WTG Collector Line
- Underground WTG Collector Line
- WTG Access Roads
- WMA Boundaries
- Project Boundary
- Section lines
- Railroad

Source:
USGS, MnDNR, LMIC, 2008 FSA Photography

0 3,000 Feet

LARGE WIND ENERGY CONVERSION SYSTEM
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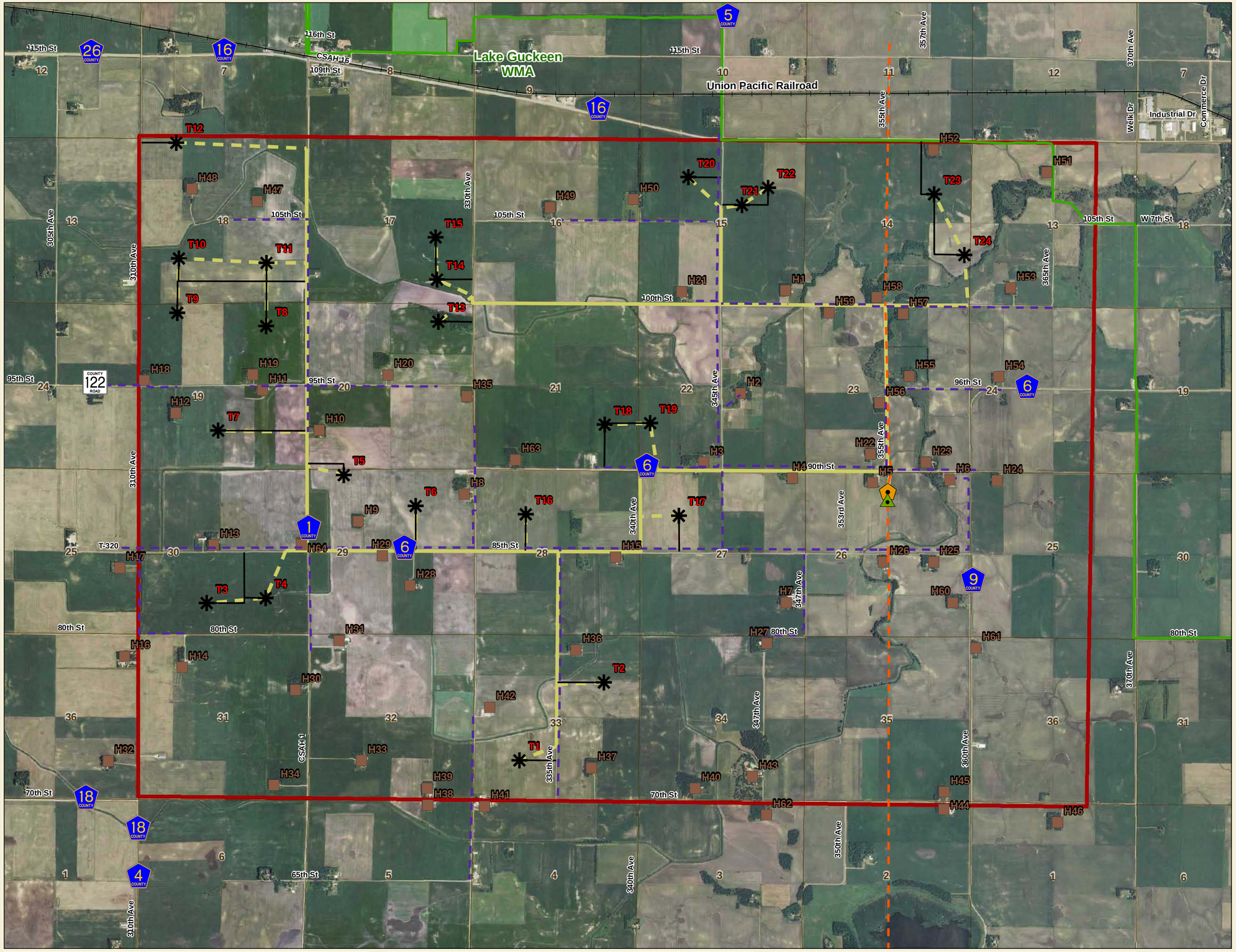

Proposed Siting Layout
24 - 1.5 MW WTG Option

Map 2-B

Legend

- Housing Units
- Preliminary SCADA Building
- Preliminary Substation Site
- Preliminary WTG Tower Locations
- Existing 161 kV Line
- Existing Distribution Line
- Snowmobile Trail
- Overhead WTG Collector Line
- Underground WTG Collector Line
- WTG Access Roads
- WMA Boundaries
- Project Boundary
- Section lines
- Railroad

Source:
USGS, MnDNR, LMIC, 2008 FSA Photography

0 3,000 Feet

LARGE WIND ENERGY CONVERSION SYSTEM
Big Blue Wind Farm
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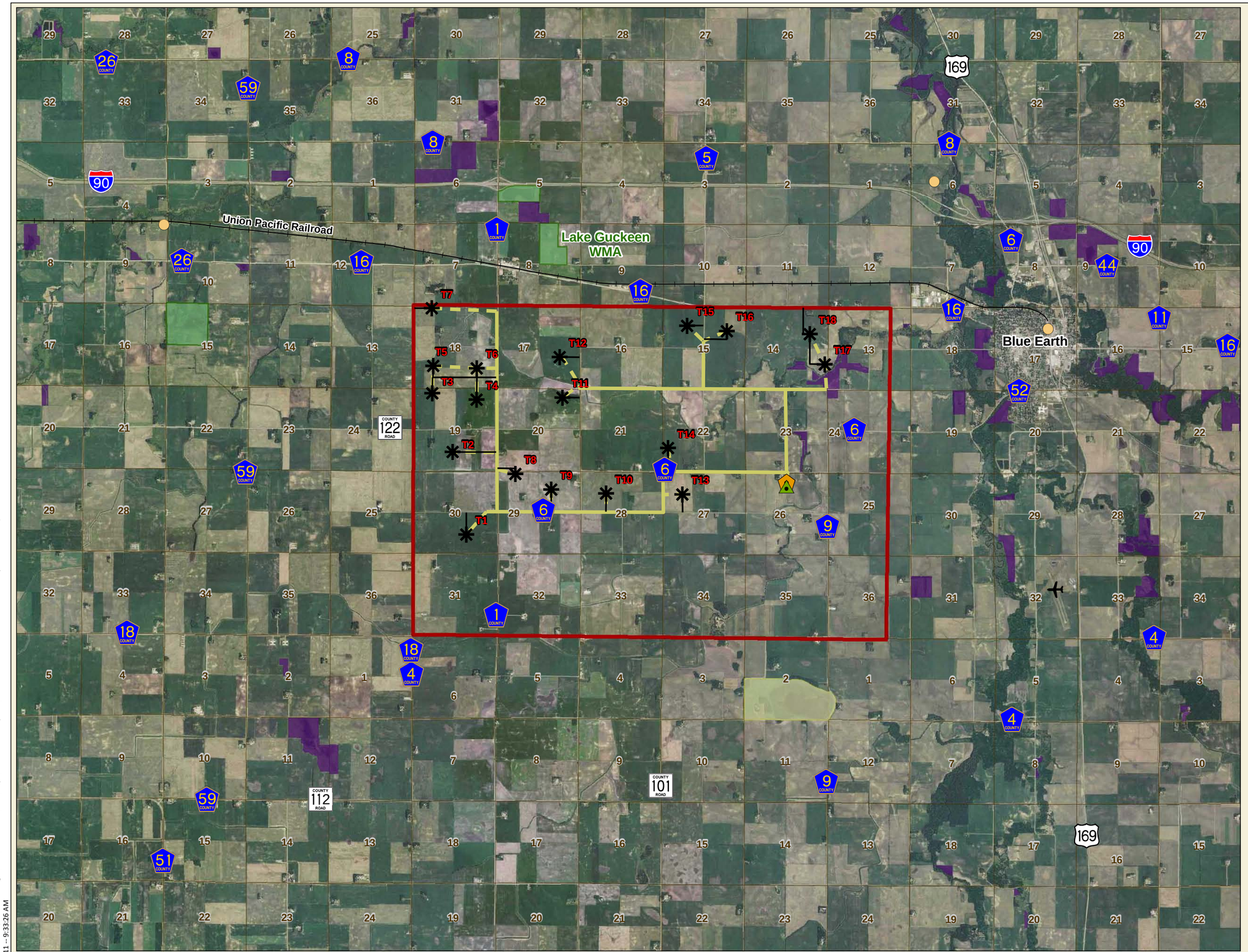
Map Document: (\\arcserver1\gis\PRIV\M32101673\ESRI\Maps\24-2MW WTG Option\101673 Proposed Siting Layout_11x17.mxd)
3/23/2011 -- 9:31:40 AM

Public Land, Recreation & RIM
18 - 2 MW WTG Option

Map 3-A



Legend

- Airport
- Reinvest in Minnesota (RIM)
- WMA Boundaries
- USFWS Waterfowl Production Areas
- Cellular Tower Locations
- Preliminary SCADA Building
- Preliminary Substation Site
- Preliminary WTG Tower Locations
- Overhead WTG Collector Line
- Underground WTG Collector Line
- WTG Access Roads
- Project Boundary
- Section lines
- Railroad

Source:
USGS, MnDNR, LMIC

0 6,000 Feet

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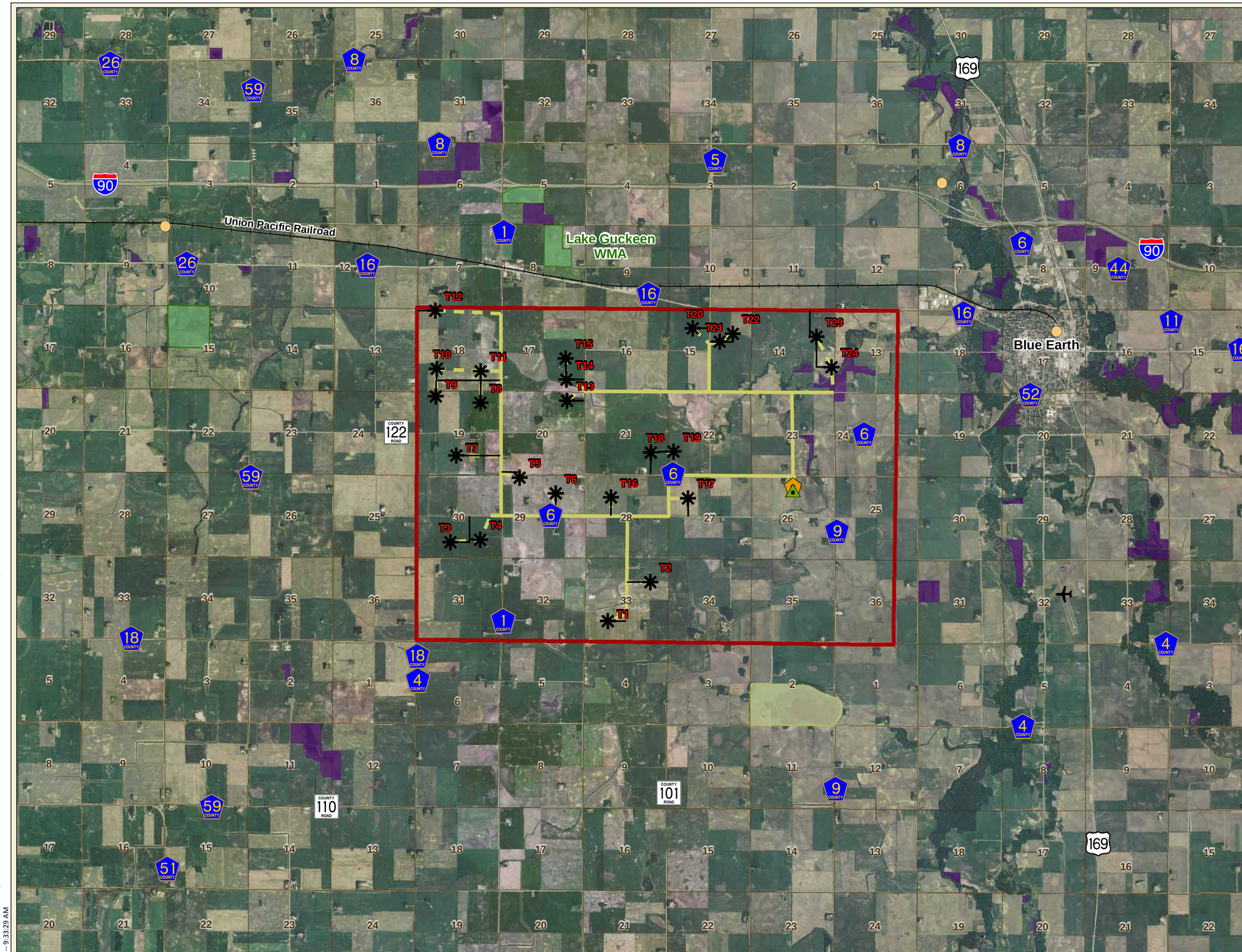
Map Document: (\\arcserver1\gis\PRIV\M32101673\ESRI\Maps\18-2MW WTG Option\101673 Public Land - Recreation - Rim Layout 11x17.mxd)
3/23/2011 -- 9:33:26 AM

Public Land, Recreation & RIM
24 - 1.5 MW WTG Option

Map 3-B



Legend

- Airport
- Reinvest in Minnesota (RIM)
- WMA Boundaries
- USFWS Waterfowl Production Areas
- Cellular Tower Locations
- Preliminary SCADA Building
- Preliminary Substation Site
- Preliminary WTG Tower Locations
- Overhead WTG Collector Line
- Underground WTG Collector Line
- WTG Access Roads
- Project Boundary
- Section lines
- Railroad

Source:
USGS, MnDNR, LMIC

0 6,000 Feet

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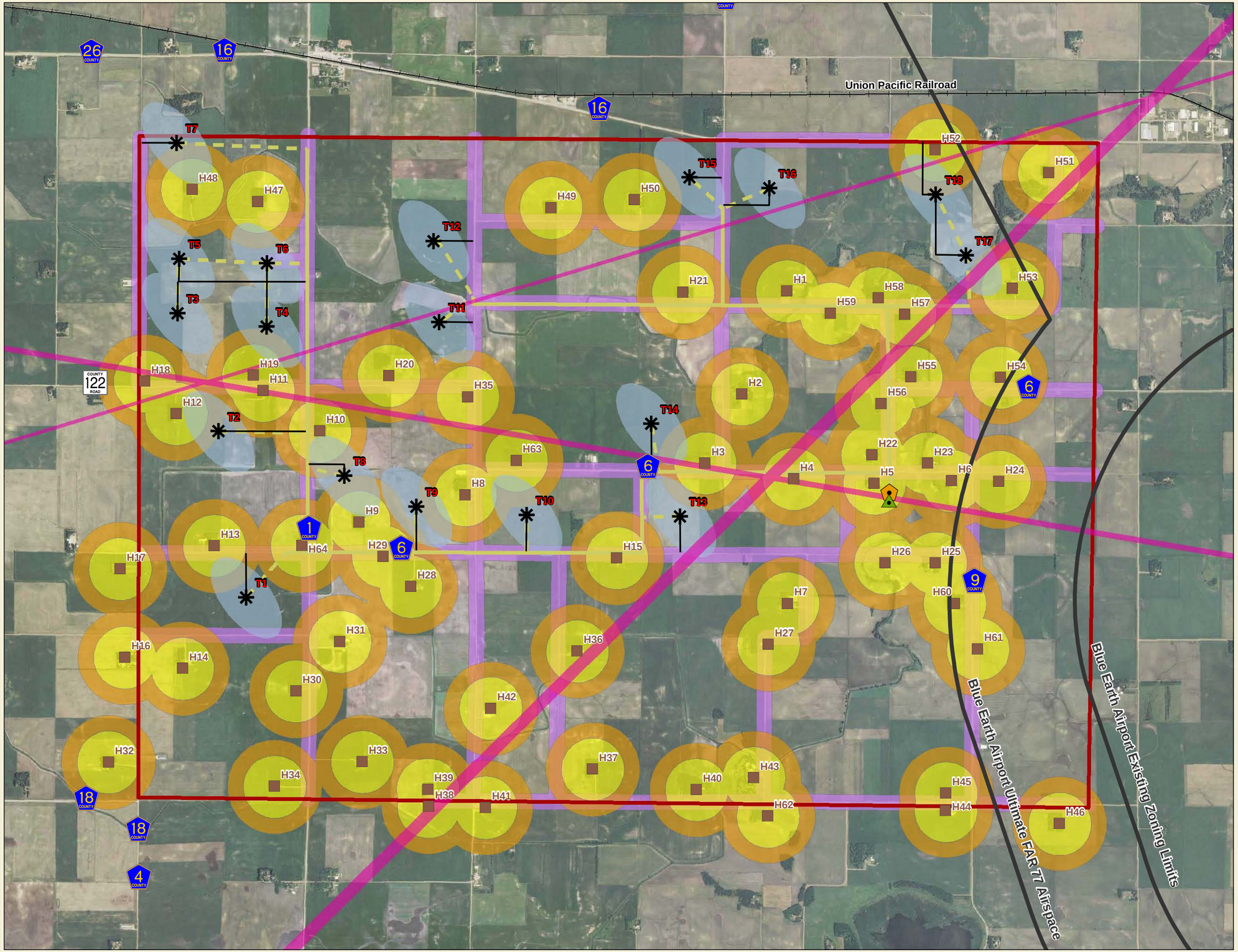
Constraint Map
18 - 2 MW WTG Option
Map 4-A



Legend

- 250' Road Buffer
- Microwave Beam (WCFZ)
- 1000' Radius
- 1500' Radius
- Wind Access Buffer
- Housing Units
- Preliminary SCADA Building
- Preliminary Substation Site
- Preliminary WTG Tower Locations
- Overhead WTG Collector Line
- Underground WTG Collector Line
- WTG Access Roads
- Project Boundary
- Railroad

Source:
USGS, MnDNR, LMIC, 2008 FSA Photography

0 3,000 Feet

LARGE WIND ENERGY CONVERSION SYSTEM
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Map Document: (\\arcserver1\gis\PRIV\M32101673\ESRI\Maps\18-2MW WTG Option\101673 Constraints Map 11x17.mxd)
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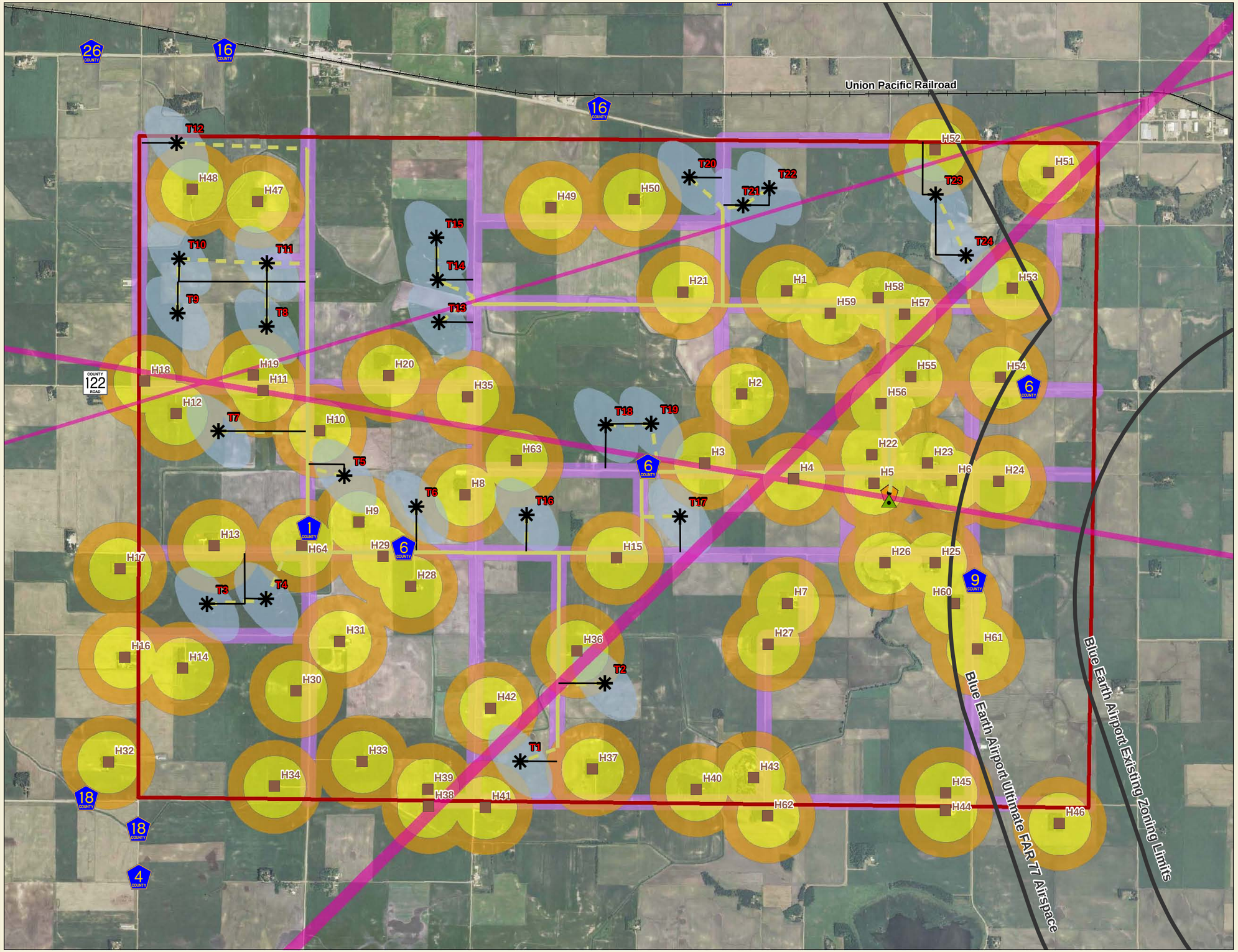
Constraint Map
24 - 1.5 MW WTG Option
Map 4-B



Legend

- 250' Road Buffer
- Microwave Beam (WCFZ)
- 1000' Radius
- 1500' Radius
- Wind Access Buffer
- Housing Units
- Preliminary SCADA Building
- Preliminary Substation Site
- Preliminary WTG Tower Location
- Overhead WTG Collector Line
- Underground WTG Collector Line
- WTG Access Roads
- Project Boundary
- Railroad

Source:
USGS, MnDNR, LMIC, 2008 FSA Photography

0 3,000 Feet

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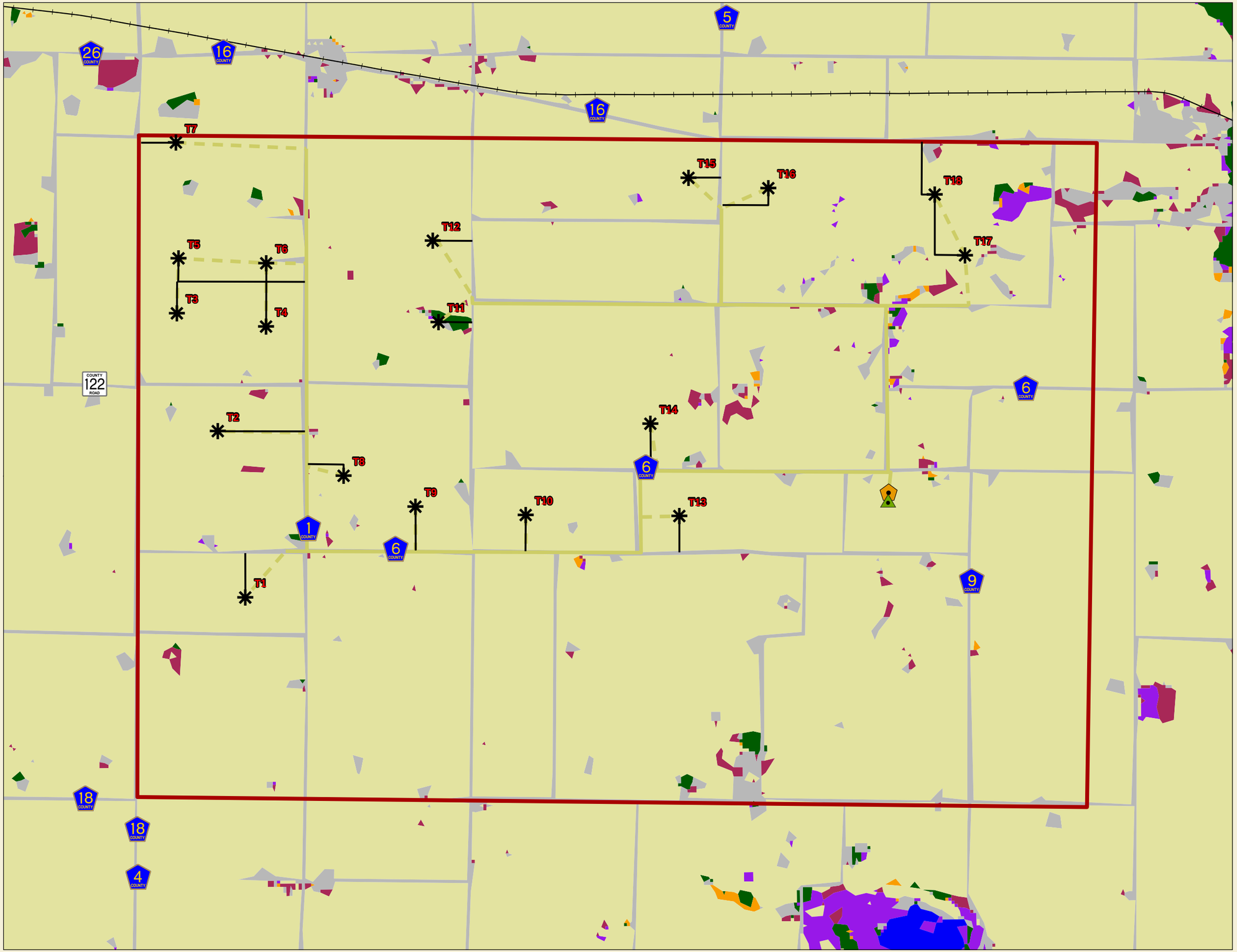

Land Cover
18 - 2 MW WTG Option

Map 5-A

Legend

Land Cover-2000

- Urban/Developed
- Agriculture
- Grassland
- Forest
- Water
- Wetland
- Shrubland
- Preliminary SCADA Building
- Preliminary Substation Site
- Preliminary WTG Tower Locations
- Overhead WTG Collector Line
- Underground WTG Collector Line
- WTG Access Roads
- Project Boundary
- Railroad

Source:
U of M

0 3,000 Feet

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Map Document: (\\arcserver1\gis\PRIV\M32101673\ESRI\Maps\18-2MW WTG Option\101673 Land Cover 11x17.mxd)
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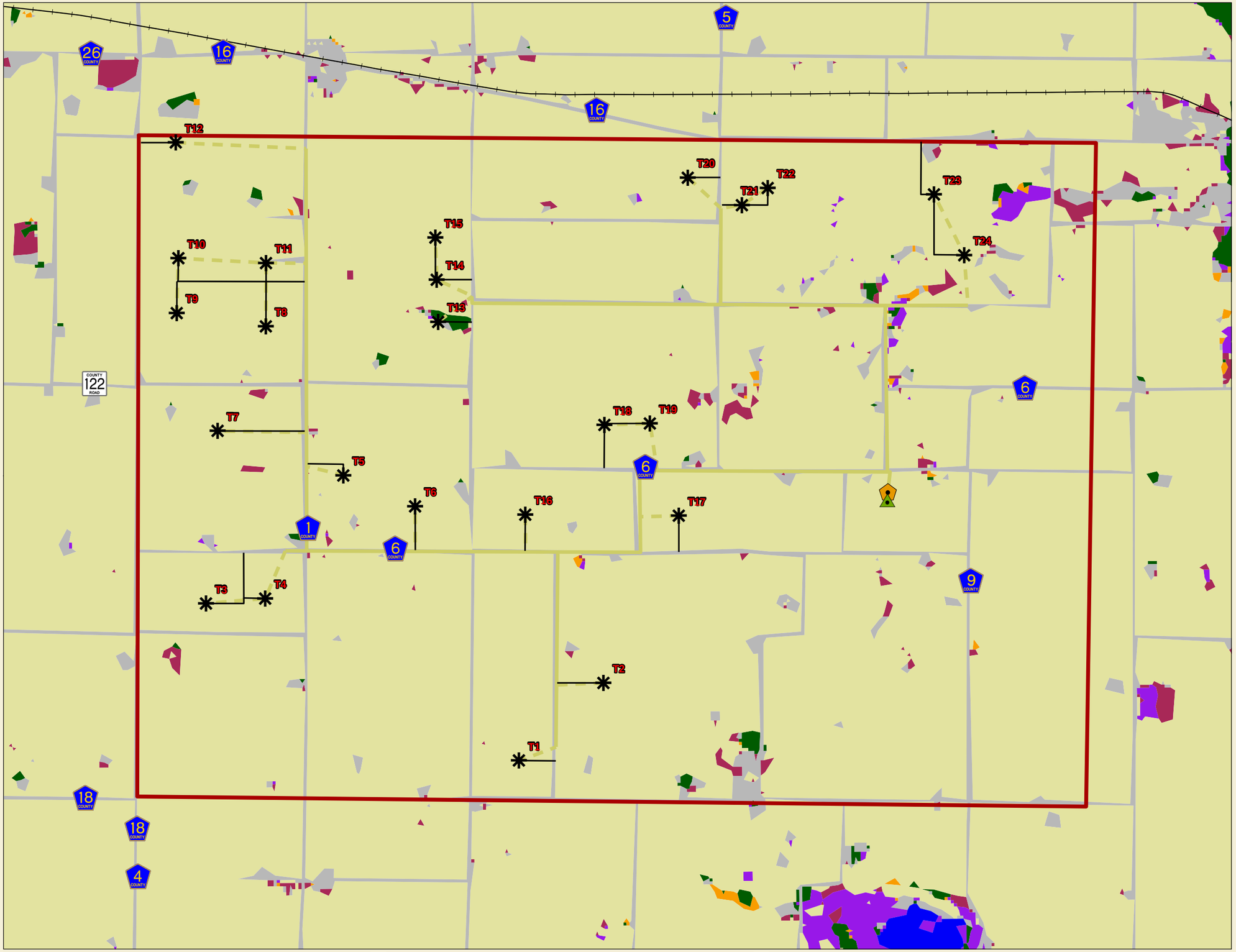

Land Cover
24 - 1.5 MW WTG Option
Map 5-B

Legend

Land Cover-2000

- Urban/Developed
- Agriculture
- Grassland
- Forest
- Water
- Wetland
- Shrubland
- Preliminary SCADA Building
- Preliminary Substation Site
- Preliminary WTG Tower Locations
- Overhead WTG Collector Line
- Underground WTG Collector Line
- WTG Access Roads
- Project Boundary
- Railroad

Source:
U of M

0 3,000 Feet

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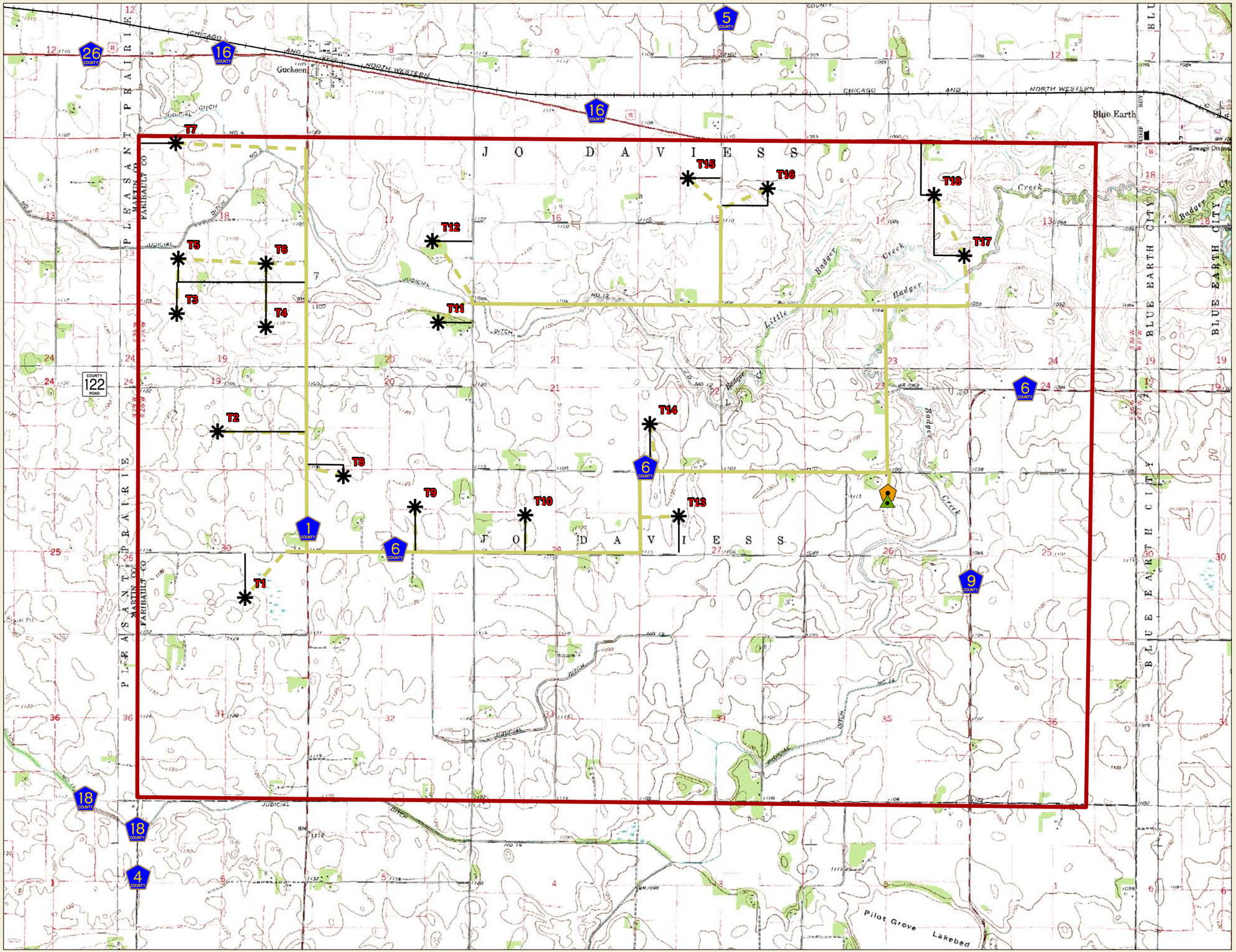

Topography Map
18 - 2 MW WTG Option

Map 6-A

Legend

- Preliminary SCADA Building
- Preliminary Substation Site
- Preliminary WTG Tower Locations
- Overhead WTG Collector Line
- Underground WTG Collector Line
- WTG Access Roads
- Project Boundary
- Railroad

Source:
USGS, MnDNR, LMIC

0 3,000 Feet

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Map Document: (\\arcserver1\gis\PRIV\M32101673\ESRI\Maps\18-2MW WTG Option\101673 Topography 11x17.mxd)
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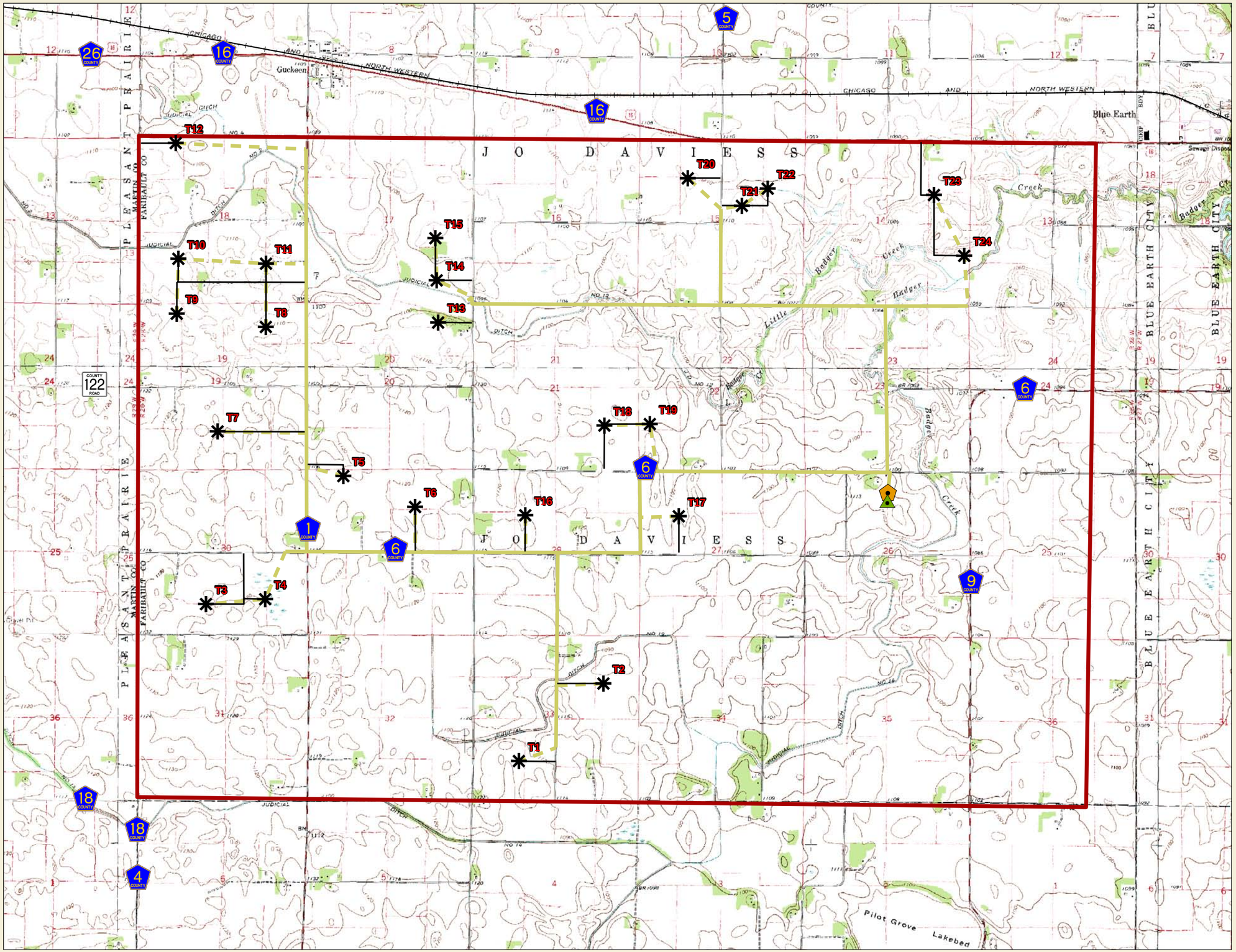
Topography Map
24 - 1.5 MW WTG Option

Map 6-B



Legend

- Preliminary SCADA Building
- Preliminary Substation Site
- Preliminary WTG Tower Locations
- Overhead WTG Collector Line
- Underground WTG Collector Line
- WTG Access Roads
- Project Boundary
- Railroad

Source:
USGS, MnDNR, LMIC

0 3,000 Feet

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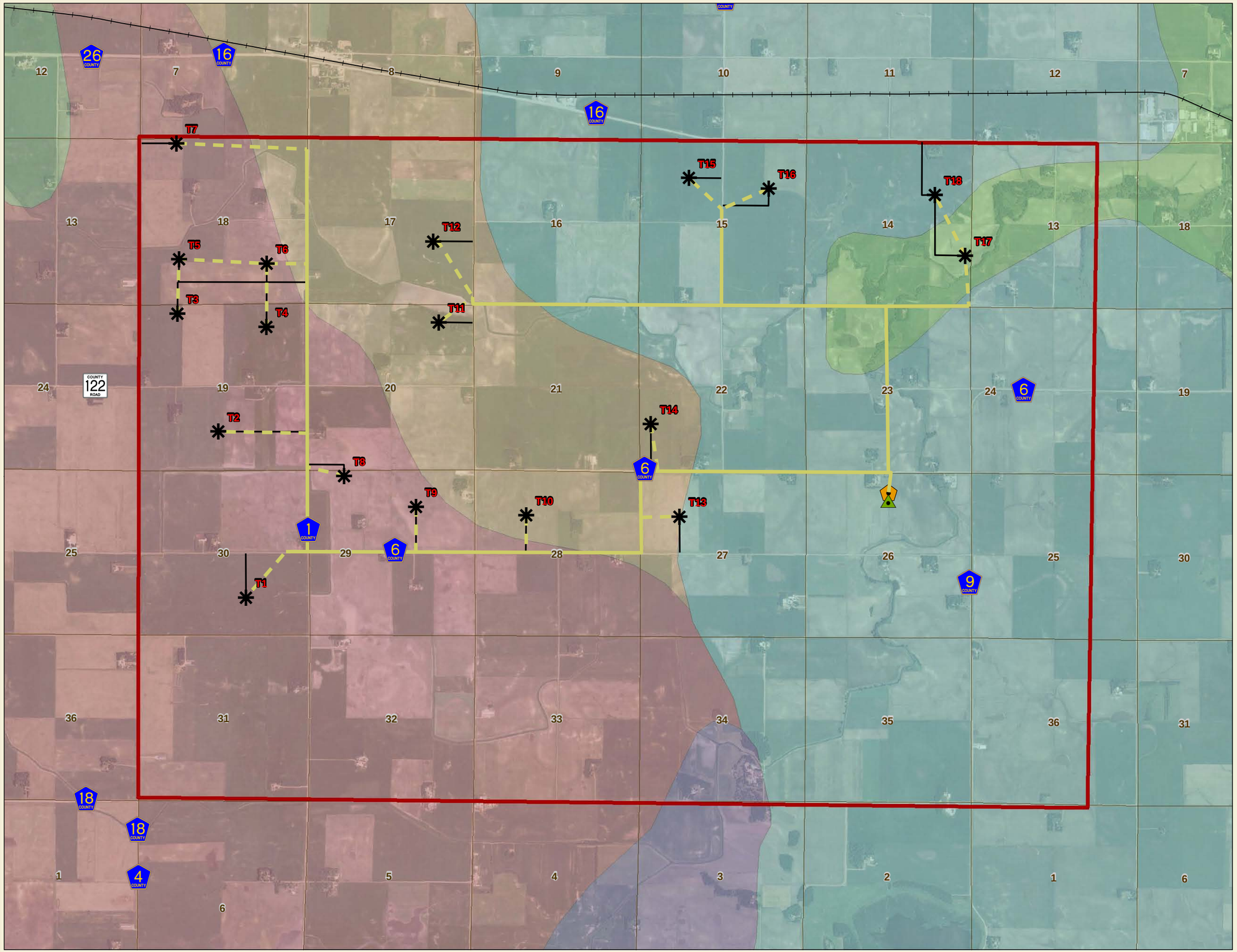

Soils Map
18 - 2 MW WTG Option
Map 7-A

Legend

Soils (Statsgo Soil Associations)

- Nicollet-Clarion-Canisteo (s1751)
- Shorewood-Coland-Clarion (s3715)
- Truman-Spicer-Kingston-Coland (s3579)
- Waldorf-Lura-Guckeen-Collinwood (s3515)
- Webster-Nicollet-Clarion-Canisteo (s1750)
- Webster-Nicollet-Glencoe-Clarion-Canisteo (s3567)
- Preliminary SCADA Building
- Preliminary Substation Site
- Preliminary WTG Tower Locations
- Overhead WTG Collector Line
- Underground WTG Collector Line
- WTG Access Roads
- Project Boundary
- Section lines
- Railroad

Source:
NRCS, LMIC, 2008 FSA Photography

0 3,000 Feet

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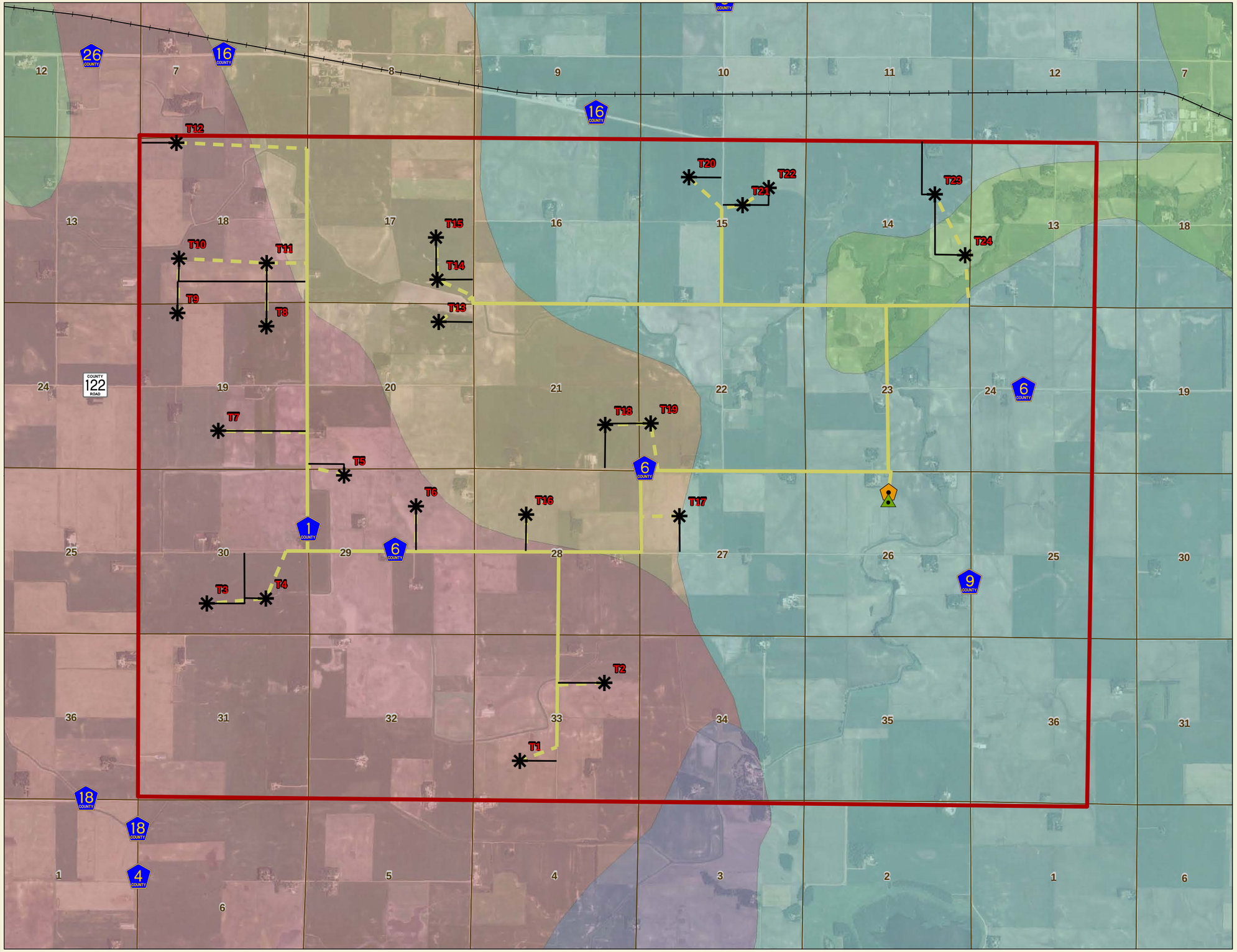
Soils Map
24 - 1.5 MW WTG Option
Map 7-B



Legend

Soils (Statsgo Soil Associations)

- Nicollet-Clarion-Canisteo (s1751)
- Shorewood-Coland-Clarion (s3715)
- Truman-Spicer-Kingston-Coland (s3579)
- Waldorf-Lura-Guckeen-Collinwood (s3515)
- Webster-Nicollet-Clarion-Canisteo (s1750)
- Webster-Nicollet-Glencoe-Clarion-Canisteo (s3567)
- Preliminary SCADA Building
- Preliminary Substation Site
- Preliminary WTG Tower Locations
- Overhead WTG Collector Line
- Underground WTG Collector Line
- WTG Access Roads
- Project Boundary
- Section lines
- Railroad

Source:
NRCS, LMIC, 2008 FSA Photography

0 3,000 Feet

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