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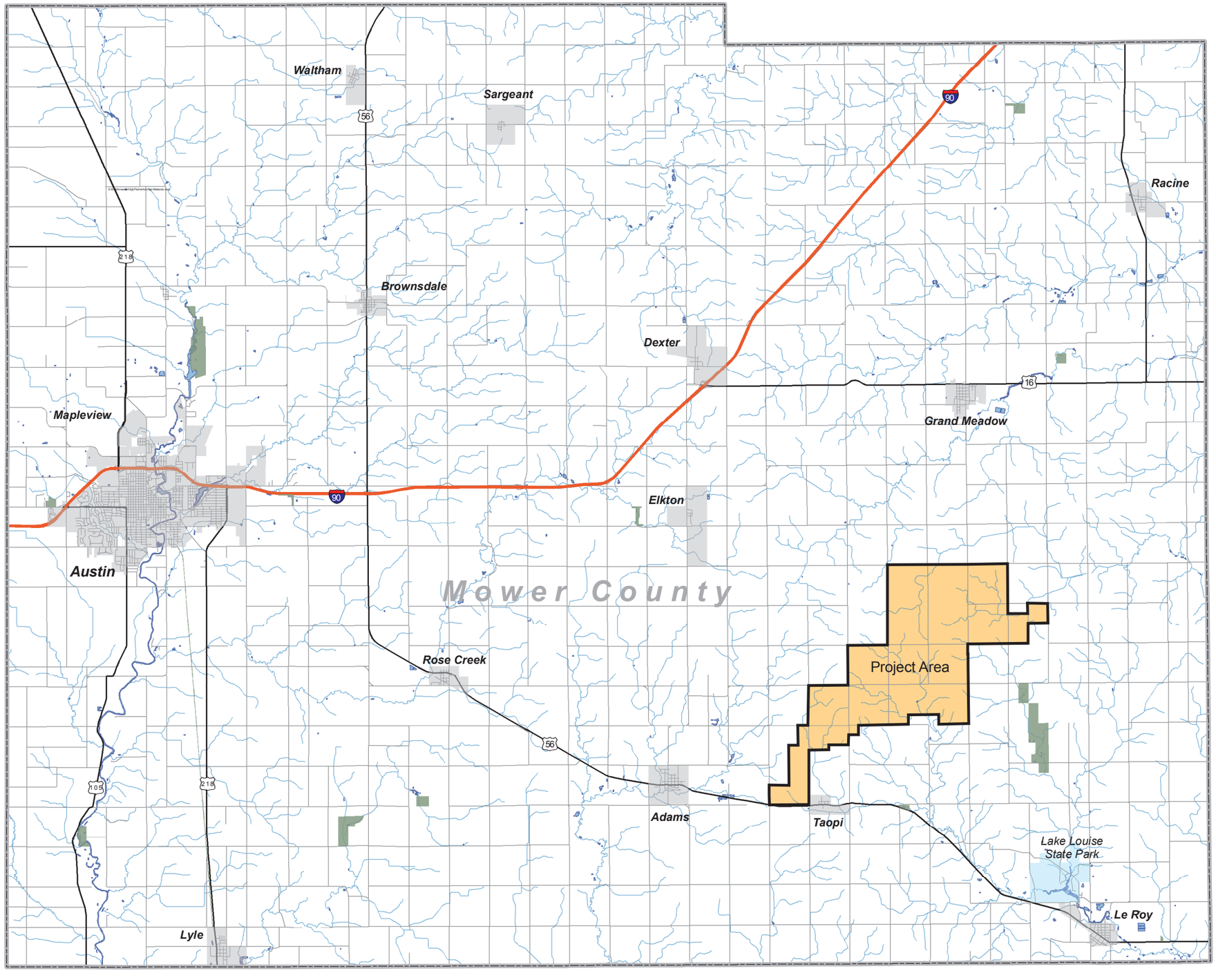

Project Area
Municipal Boundaries
Wildlife Management Areas
State Lands

N
W E
S

0 750 1,500 3,000 4,500 6,000 Meters
0 0.5 1 2 3 4 Miles

High Prairie Wind Farm
Project Vicinity
Mower County, Minnesota

Map 5-1

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Project Area
Municipal Boundaries
Wildlife Management Areas
State Lands

Facilities
Collector Lines
Service Roads
Transmission Lines
Meteorological Towers
Proposed Turbines
Alternative Turbines
Substation

Minnesota
Project Area

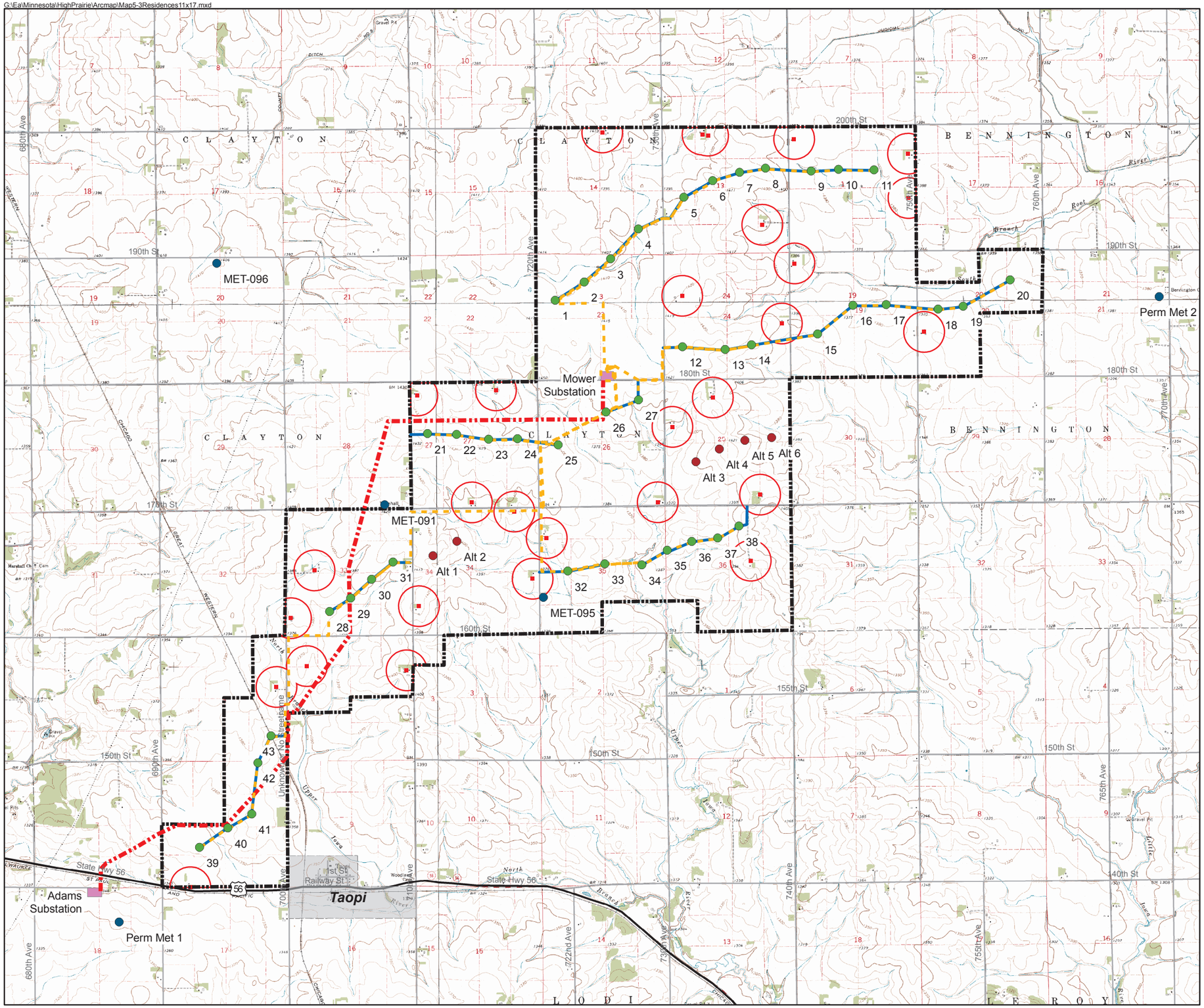
N
W E
S

0 375 750 1,500 2,250 3,000 Meters
0 1,250 2,500 5,000 7,500 10,000 Feet

High Prairie Wind Farm
Project Area
Mower County, Minnesota

Map 5-2

G:\Ea\Minnesota\HighPrairie\Arcmap\Map5-3Residences11x17.mxd



High Prairie Wind Farm
Residences
Mower County, Minnesota

Map 5-3

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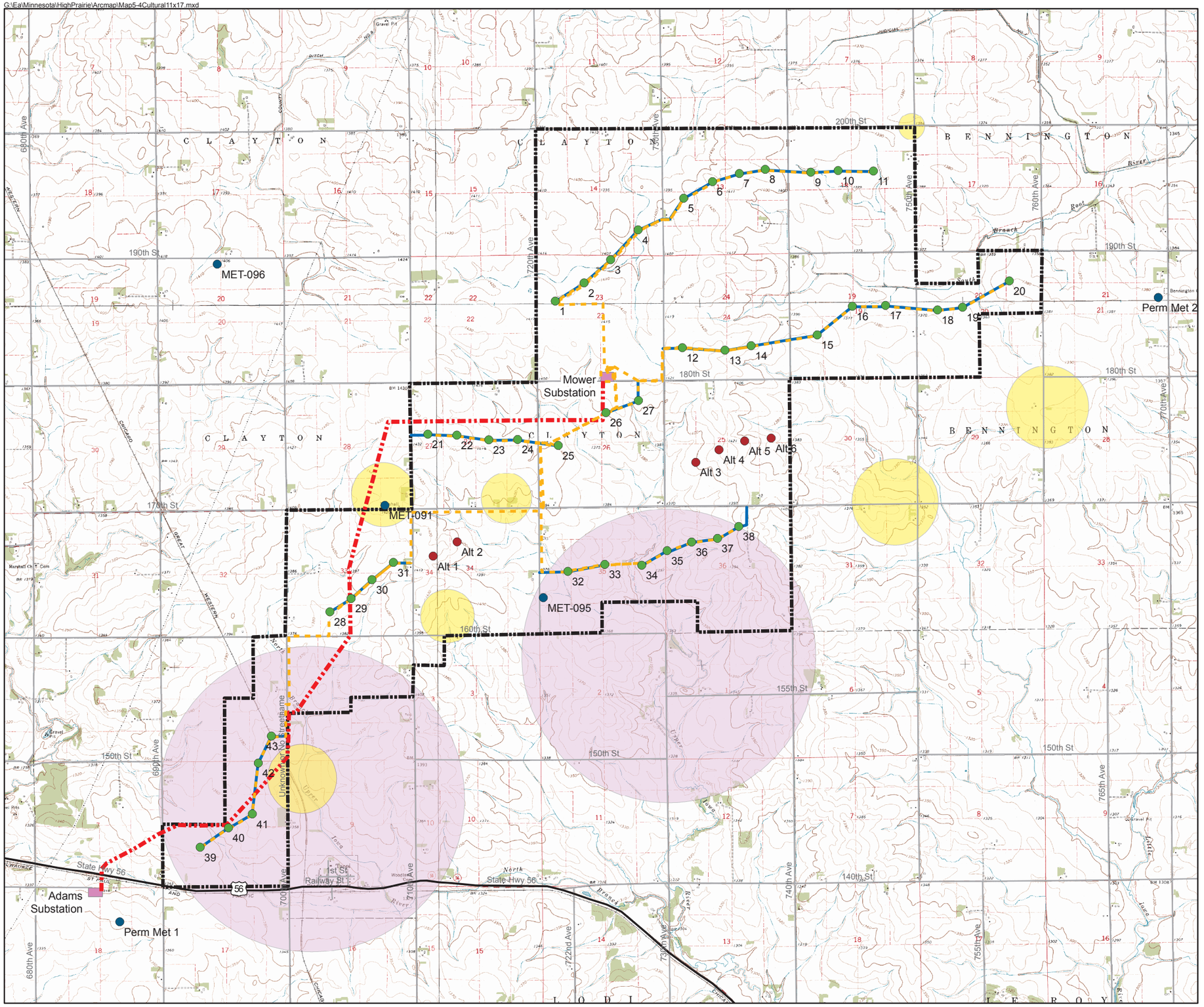


Project Area

Facilities

- Collector Lines
- Service Roads
- Transmission Lines
- Meteorological Towers
- Proposed Turbines
- Alternative Turbines
- Substation

High Prehistoric Probability

High Historic Probability

N
W E
S

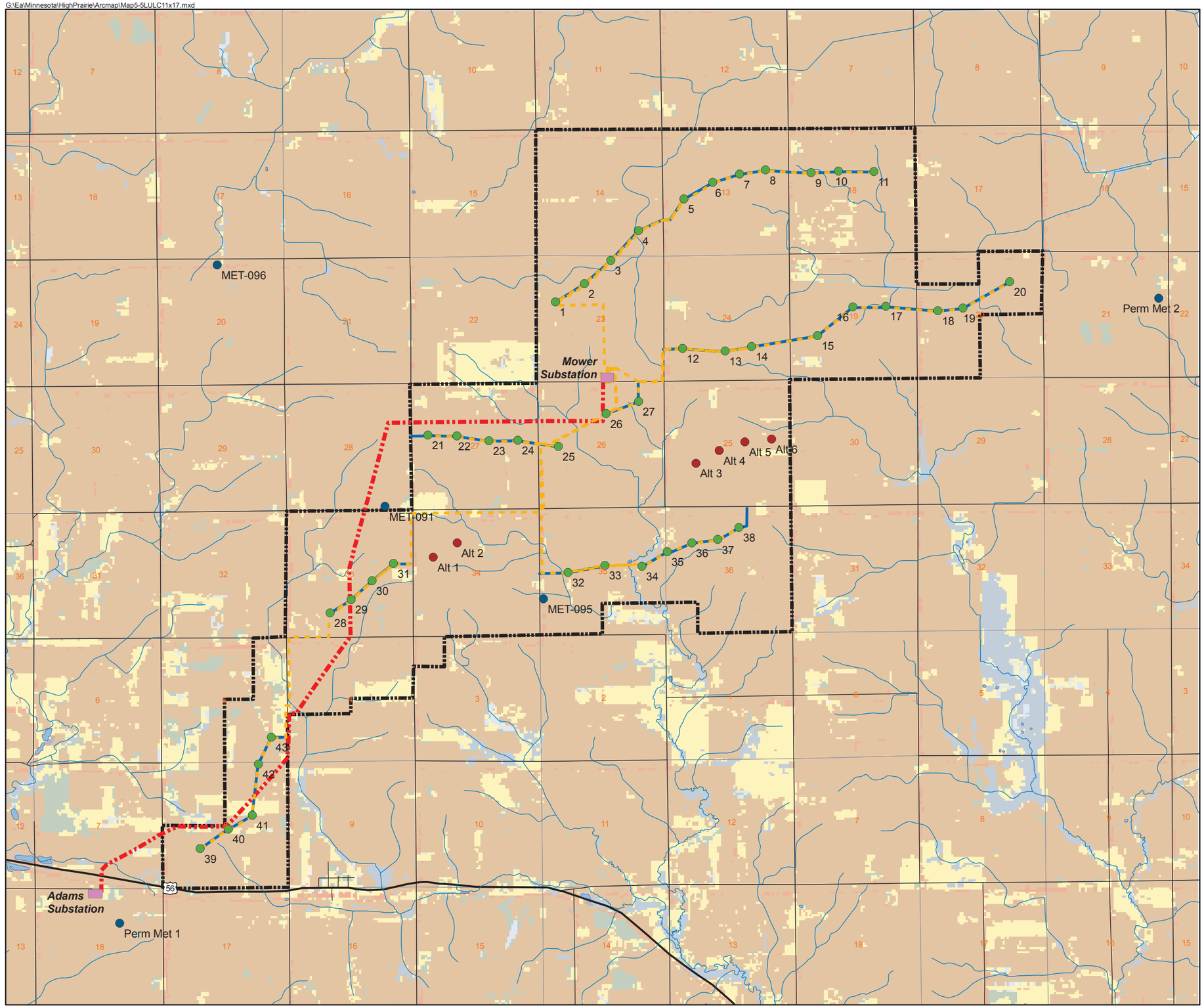
0 375 750 1,500 Meters

0 1,250 2,500 5,000 Feet

High Prairie Wind Farm
Cultural and Historical Resources
Mower County, Minnesota

Map 5-4

G:\Ea\Minnesota\HighPrairie\Arcmap\Map5-5LULC11x17.mxd



Project Area Boundary
Major Road/Highway
Secondary Roads
Lake
Stream/River

Facilities

Collector Lines
Service Roads
Transmission Lines
Meteorological Towers
Proposed Turbines
Alternative Turbines
Substation

LULC Legend

- Open Water
- Low Intensity Residential
- High Intensity Residential
- Commercial/Industrial/Transporation
- Deciduous Forest
- Mixed Forest
- Pasture/Hay
- Row Crops
- Woody Wetlands
- Emergent Herbaceous Wetlands

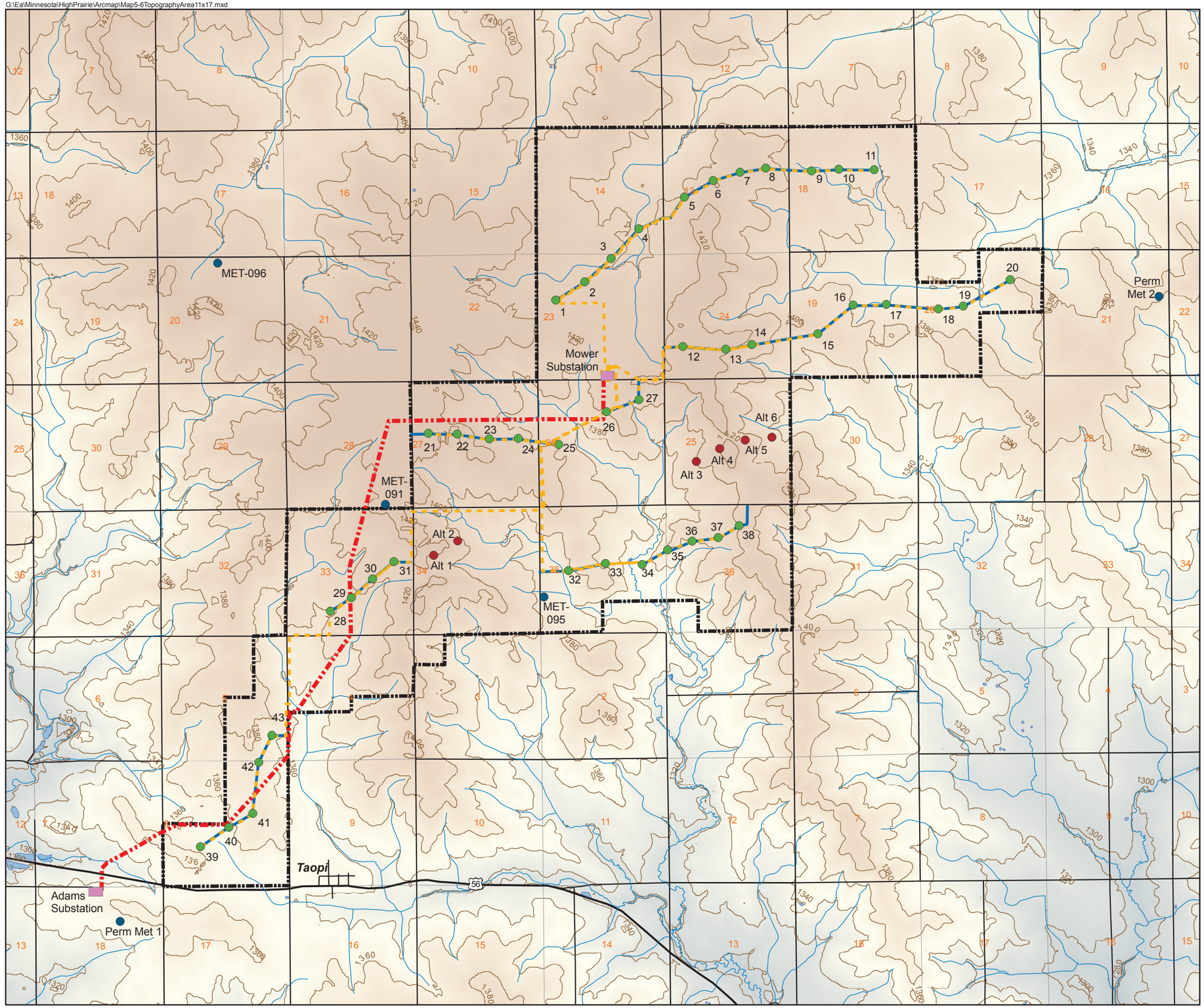
N
W E
S

0 375 750 1,500 Meters
0 1,250 2,500 5,000 Feet

High Prairie Wind Farm
Land Use Land Cover, NLCD Data
Mower County, Minnesota

Map 5-5

G:\Ea\Minnesota\HighPrairie\Arcmap\Map5-6TopographyArea11x17.mxd



Streams/Rivers

Lakes

Major Road/Highway

Secondary Roads

Elevation

High : 1440 feet

Low : 1220 feet

Contour Interval 20'

Project Area Boundary

Facilities

Collector Lines

Service Roads

Transmission Lines

Meteorological Towers

Proposed Turbines

Alternative Turbines

Substation

N

W E

S

0 375 750 1,500 Meters

0 1,250 2,500 5,000 Feet

High Prairie Wind Farm
Topography
Mower County, Minnesota

Map 5-6

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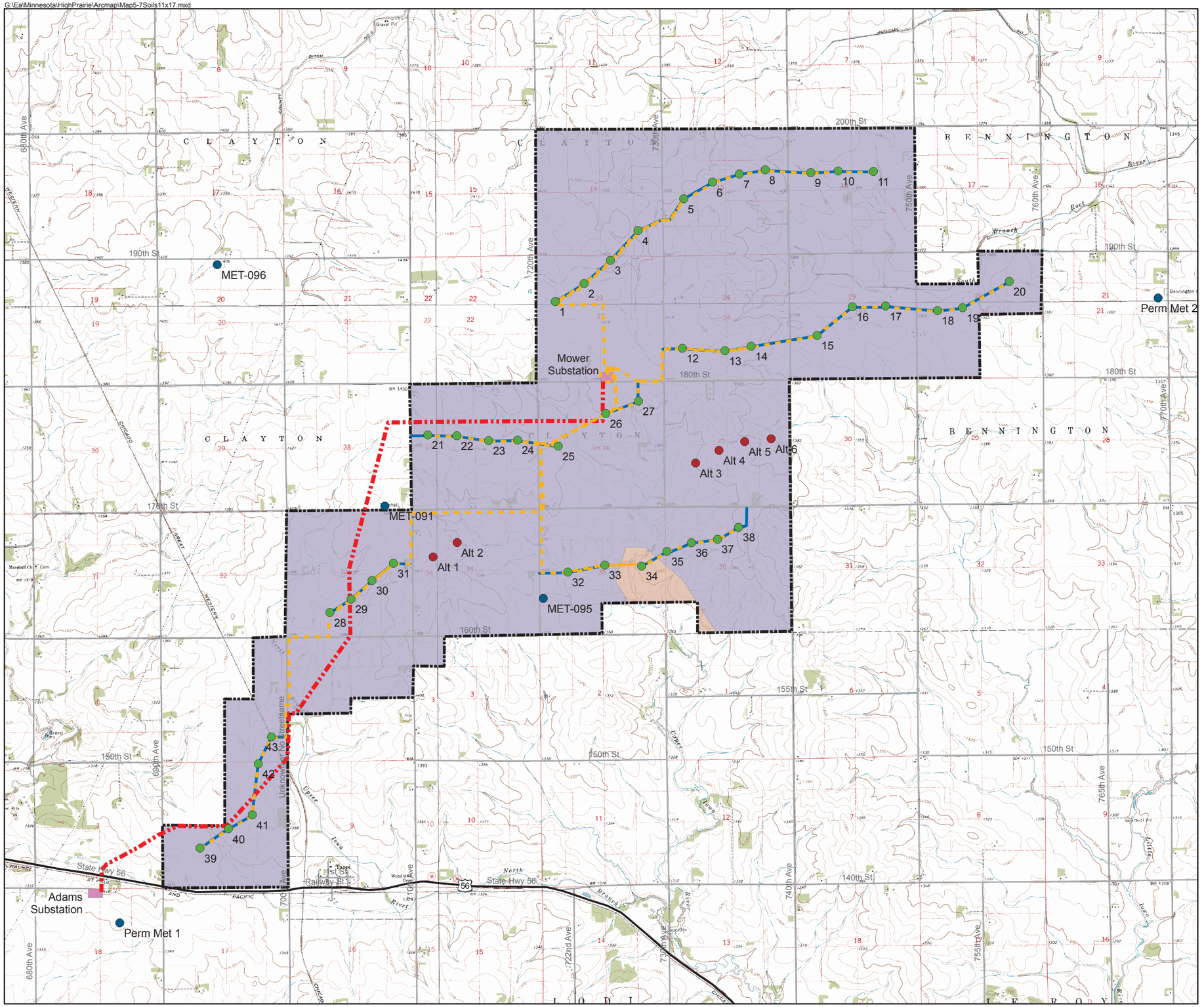

Project Area

Soil Types (STATSGO Data)
- 205 - Marshan-Waukee-Hayfield
- 208 - Tripoli-Oran-Readlyn

Facilities
- Collector Lines
- Service Roads
- Transmission Lines
- Meteorological Towers
- Proposed Turbines
- Alternative Turbines
- Substation

N
W E
S

0 375 750 1,500 Meters
0 1,250 2,500 5,000 Feet

High Prairie Wind Farm
Soils
Mower County, Minnesota

Map 5-7

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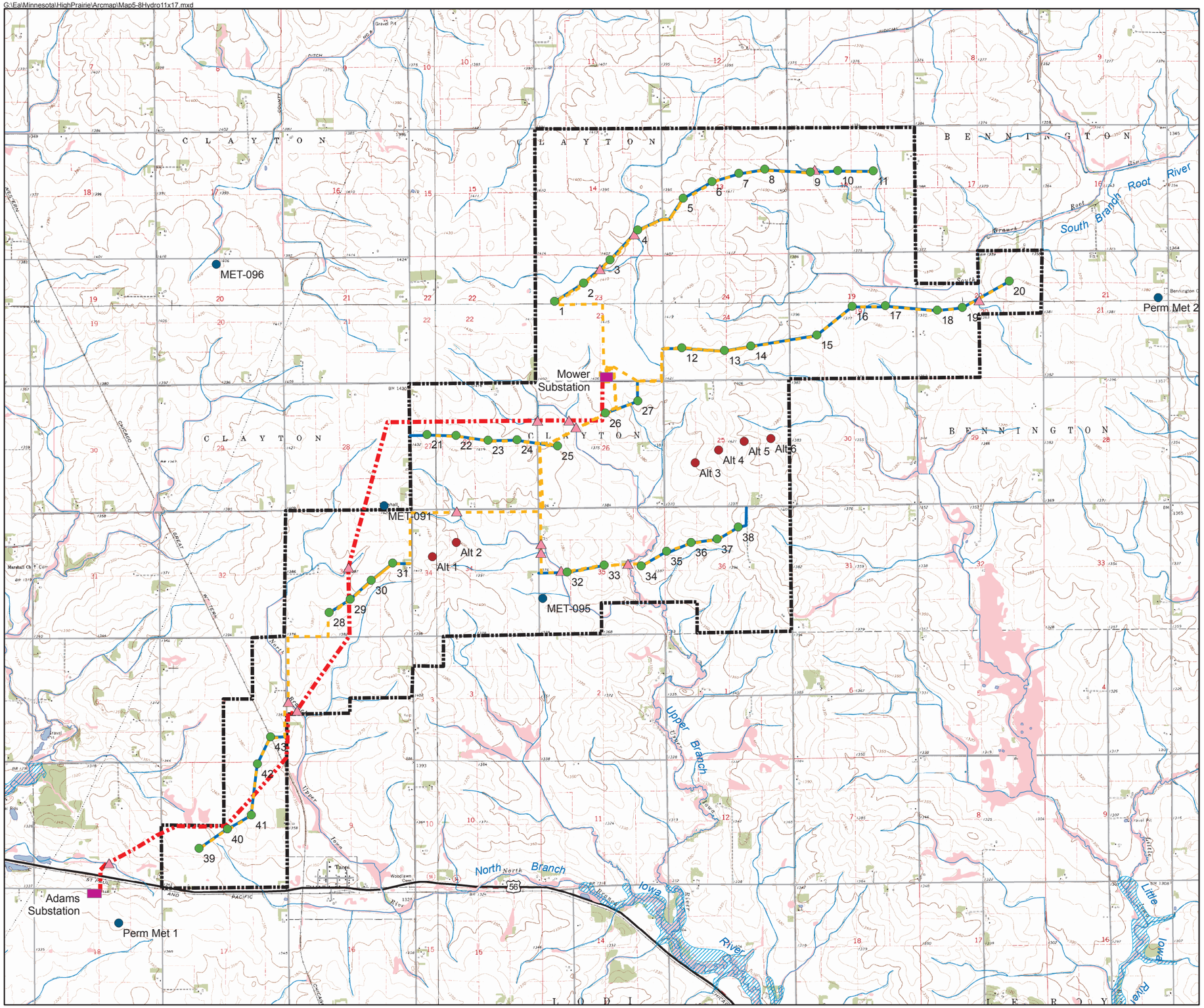

- Project Area Boundary
- Fema Q3 Floodplains
- Lake
- Stream/River
- Wetlands
- Wetland/Channel Crossings

Facilities

- Collector Lines
- Service Roads
- Transmission Lines
- Meteorological Towers
- Proposed Turbines
- Alternate Turbines
- Substation

N
W E
S

0 375 750 1,500 Meters
0 1,250 2,500 5,000 Feet

High Prairie Wind Farm
Hydrologic Features
Mower County, Minnesota

Map 5-8