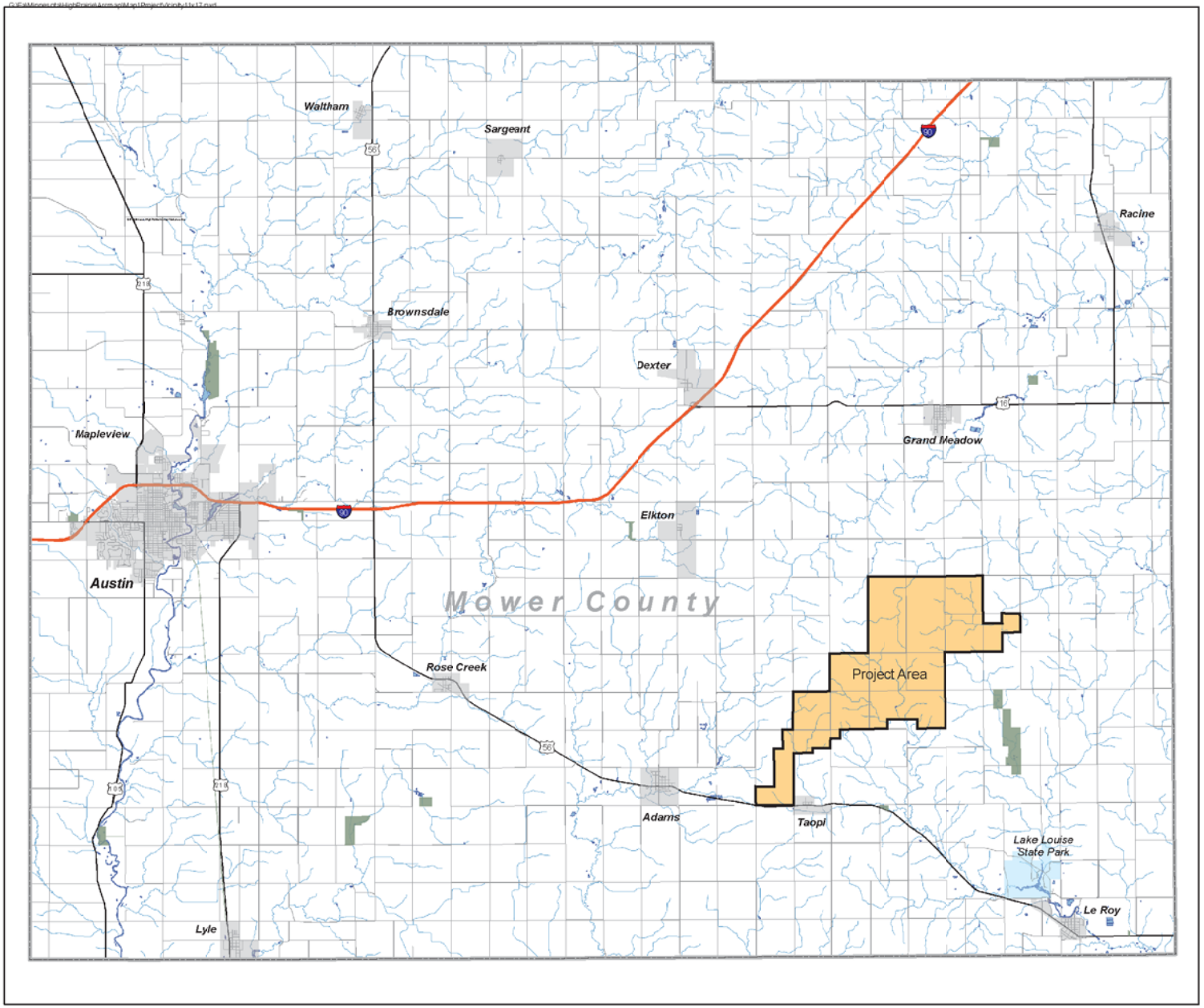
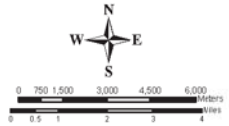
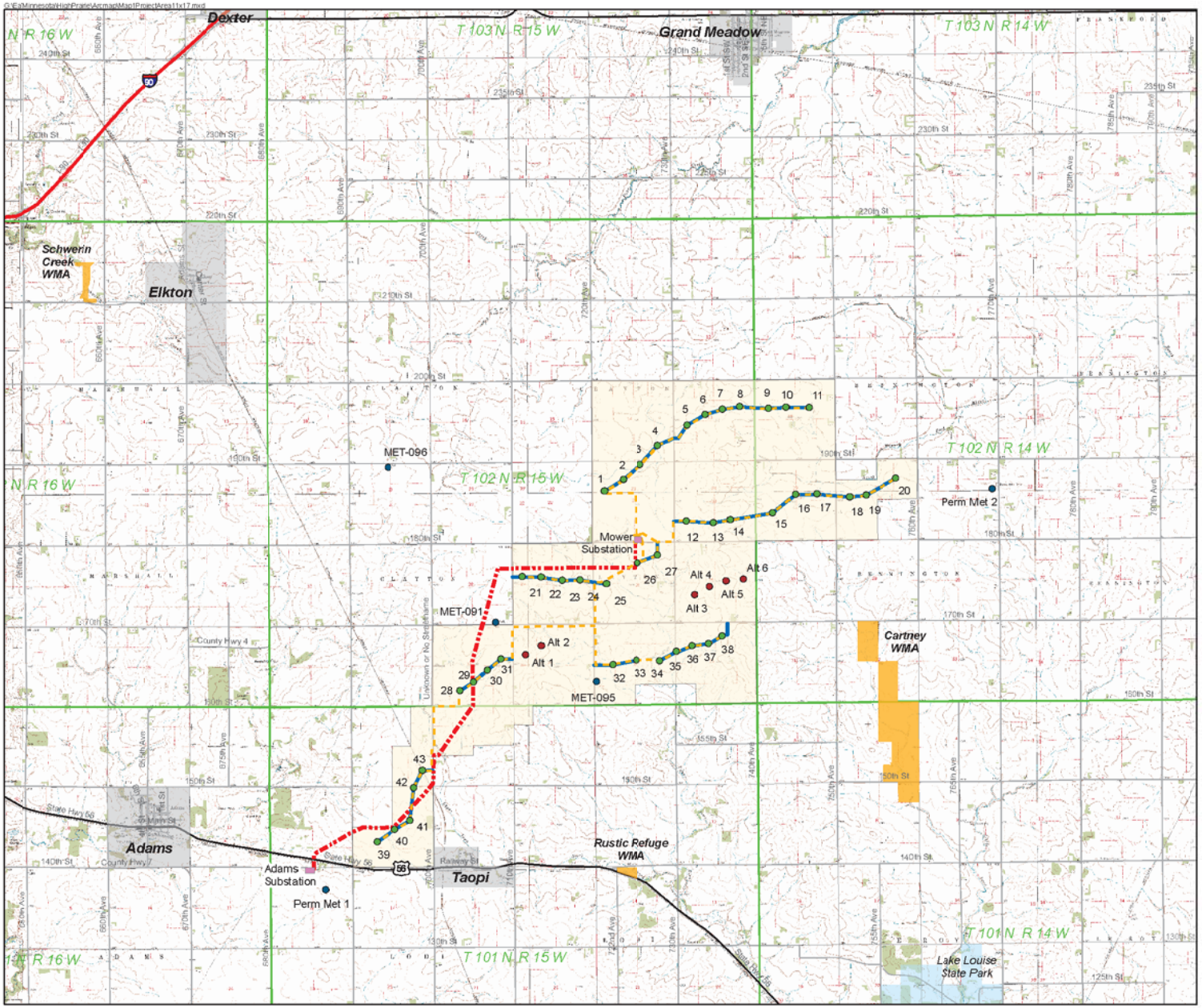


Project Area
Municipal Boundaries
Wildlife Management Areas
State Lands



High Prairie Wind Farm
Project Vicinity
Mower County, Minnesota

Map 5-1



Project Area
Municipal Boundaries
Wildlife Management Areas
State Lands

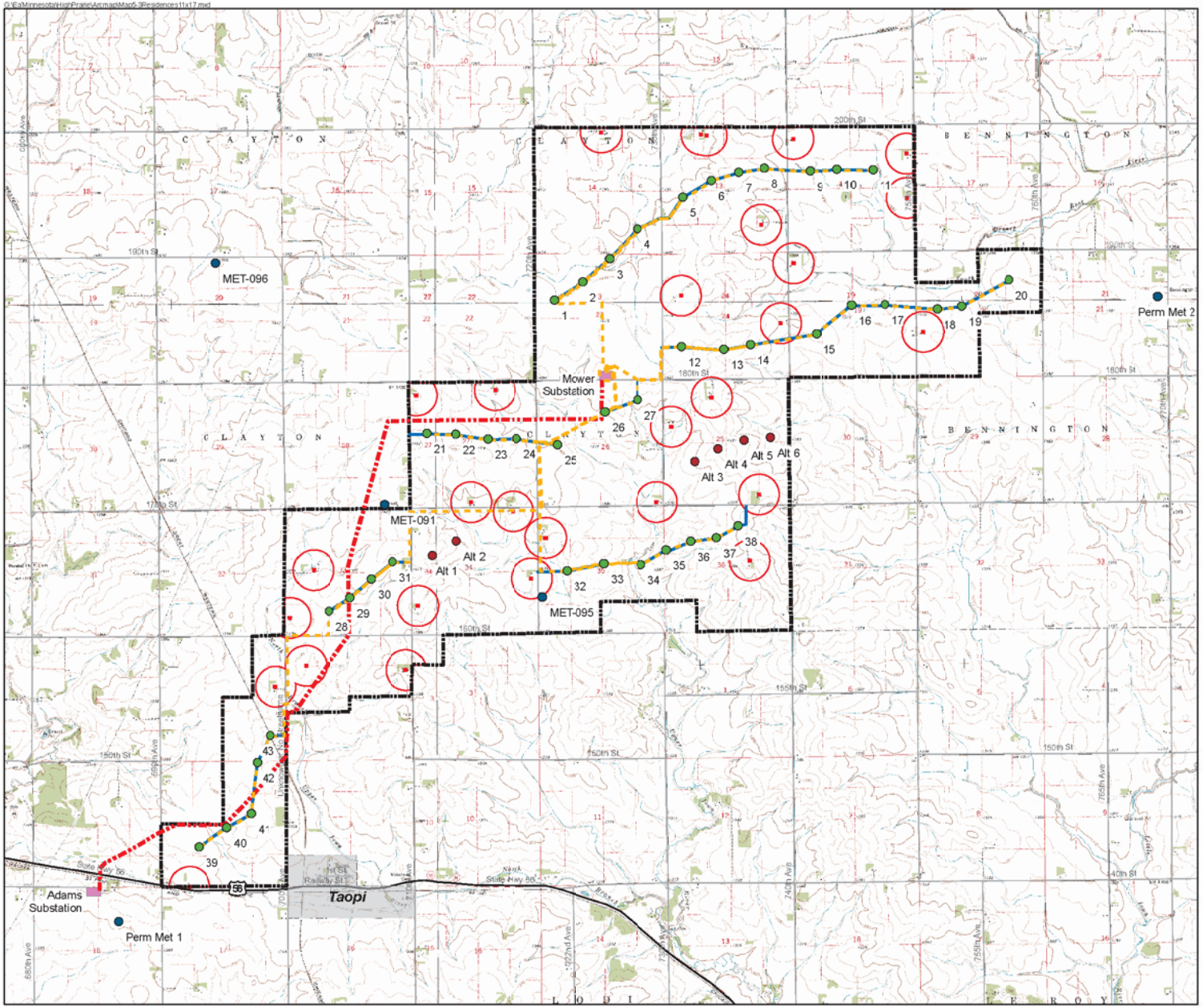
Facilities
Collector Lines
Service Roads
Transmission Lines
Meteorological Towers
Proposed Turbines
Alternative Turbines
Substation

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



Project Area Boundary
Municipal Boundaries

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

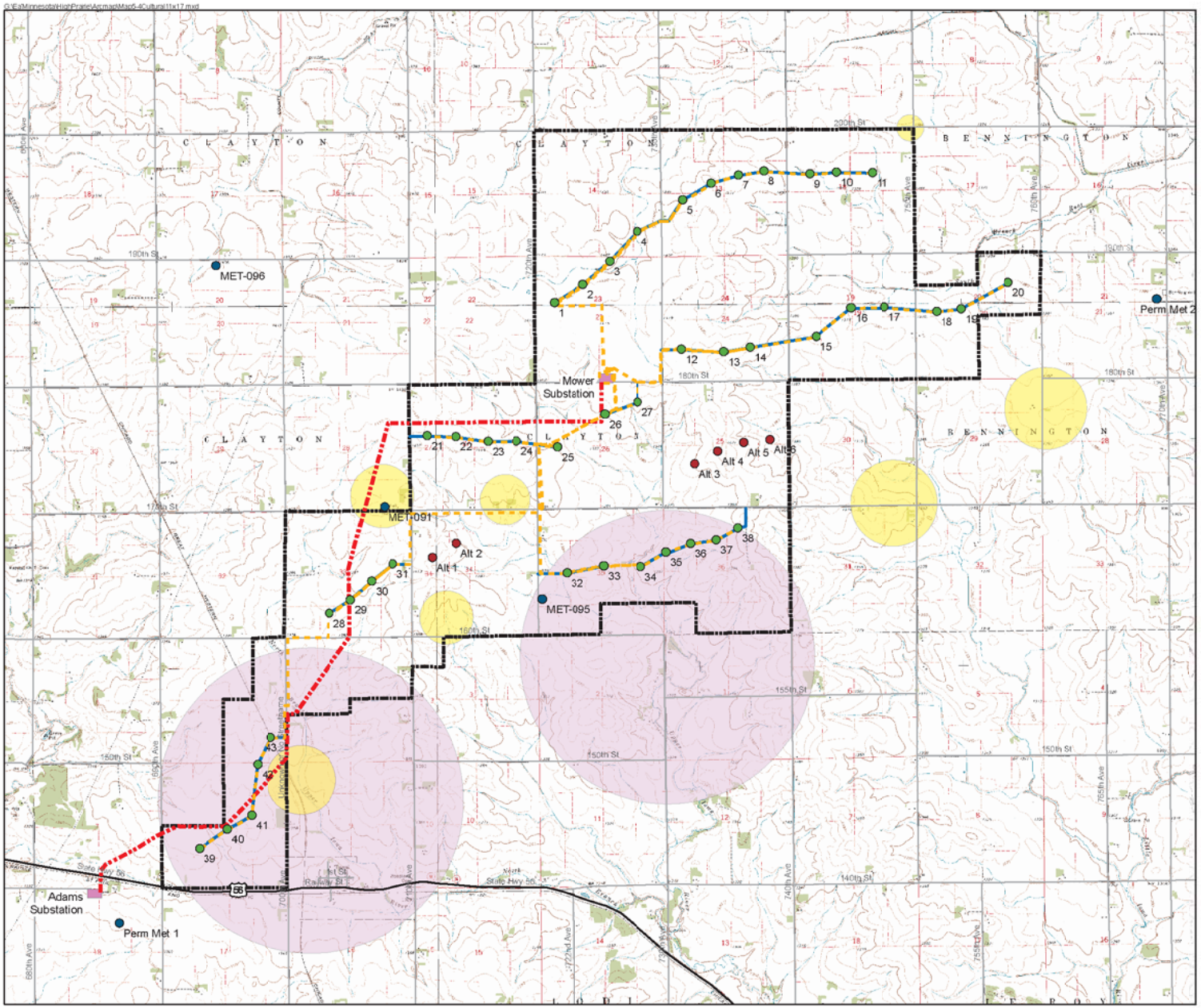
Residential Building with 850 foot buffer

N
W E
S

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

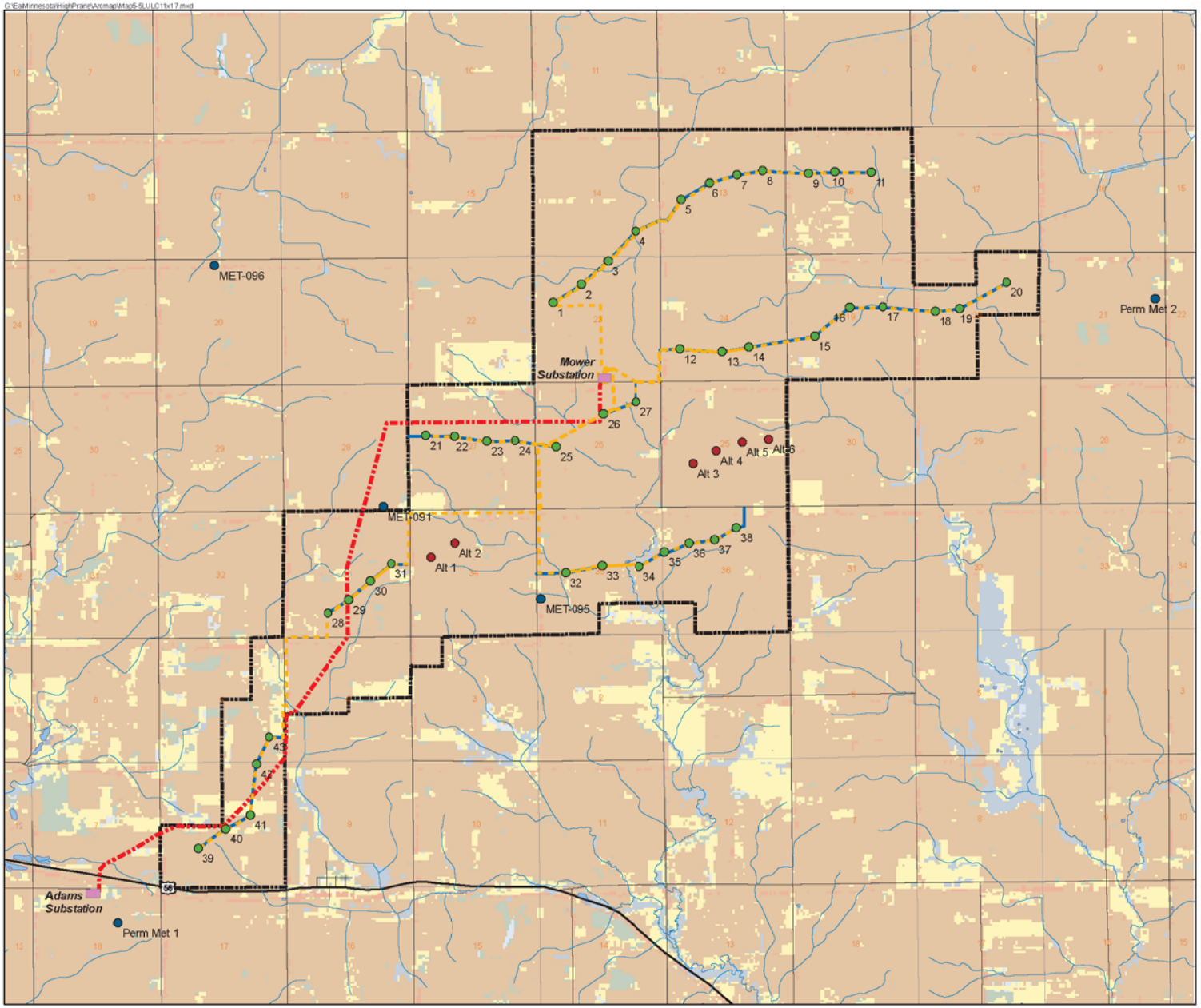
High Prairie Wind Farm
Residences
Mower County, Minnesota

Map 5-3



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

Map 5-4



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

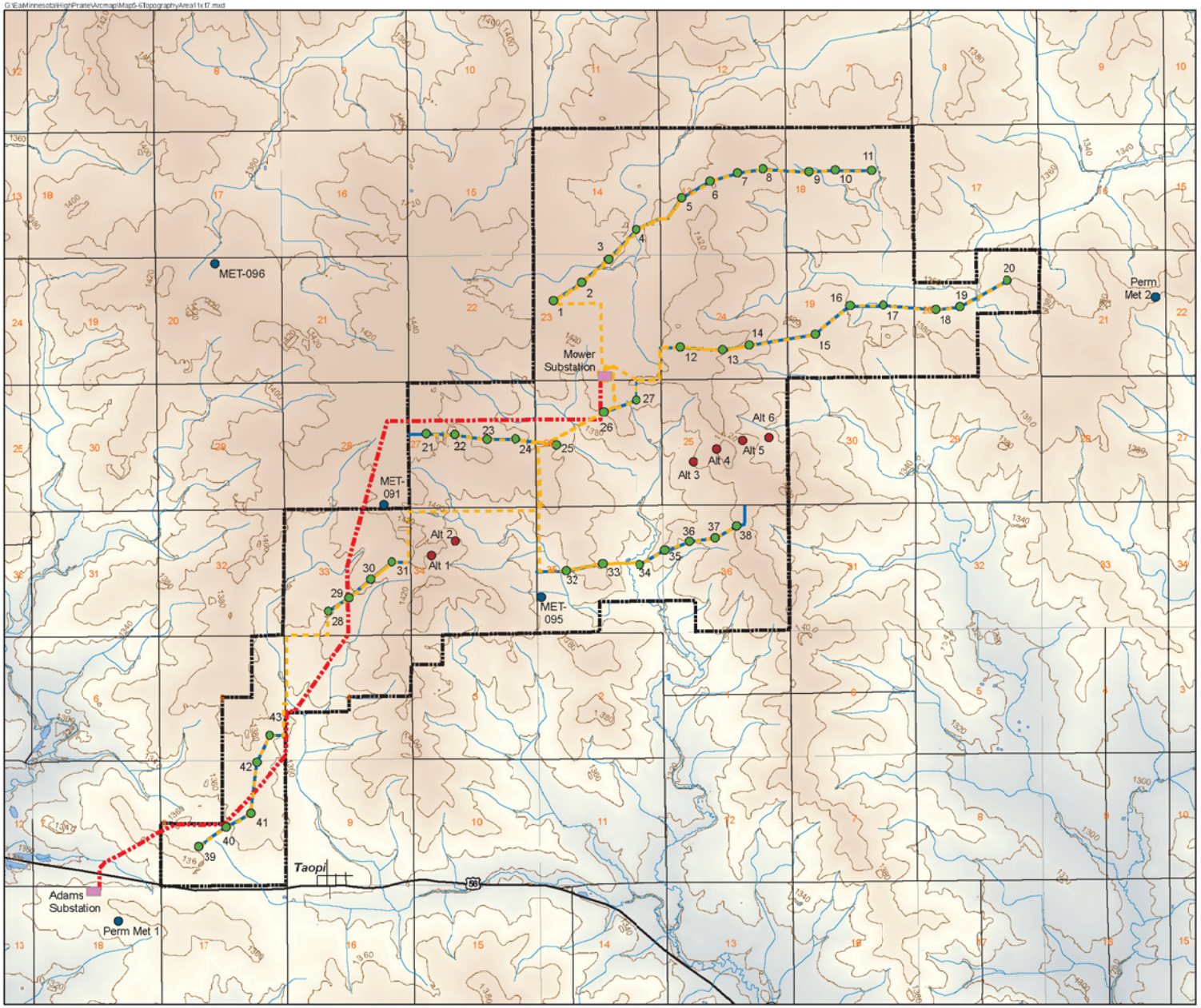
LULC Legend
Open Water
Low Intensity Residential
High Intensity Residential
Commercial/Industrial/Transportation
Deciduous Forest
Mixed Forest
Pasture/Hay
Row Crops
Woody Wetlands
Emergent Herbaceous Wetlands

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



Streams/Rivers
Lakes
Major Road/Highway
Secondary Roads

Elevation

High : 1440 feet

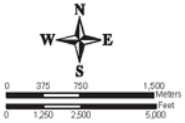
Low : 1220 feet

Contour Interval 20'

Project Area Boundary

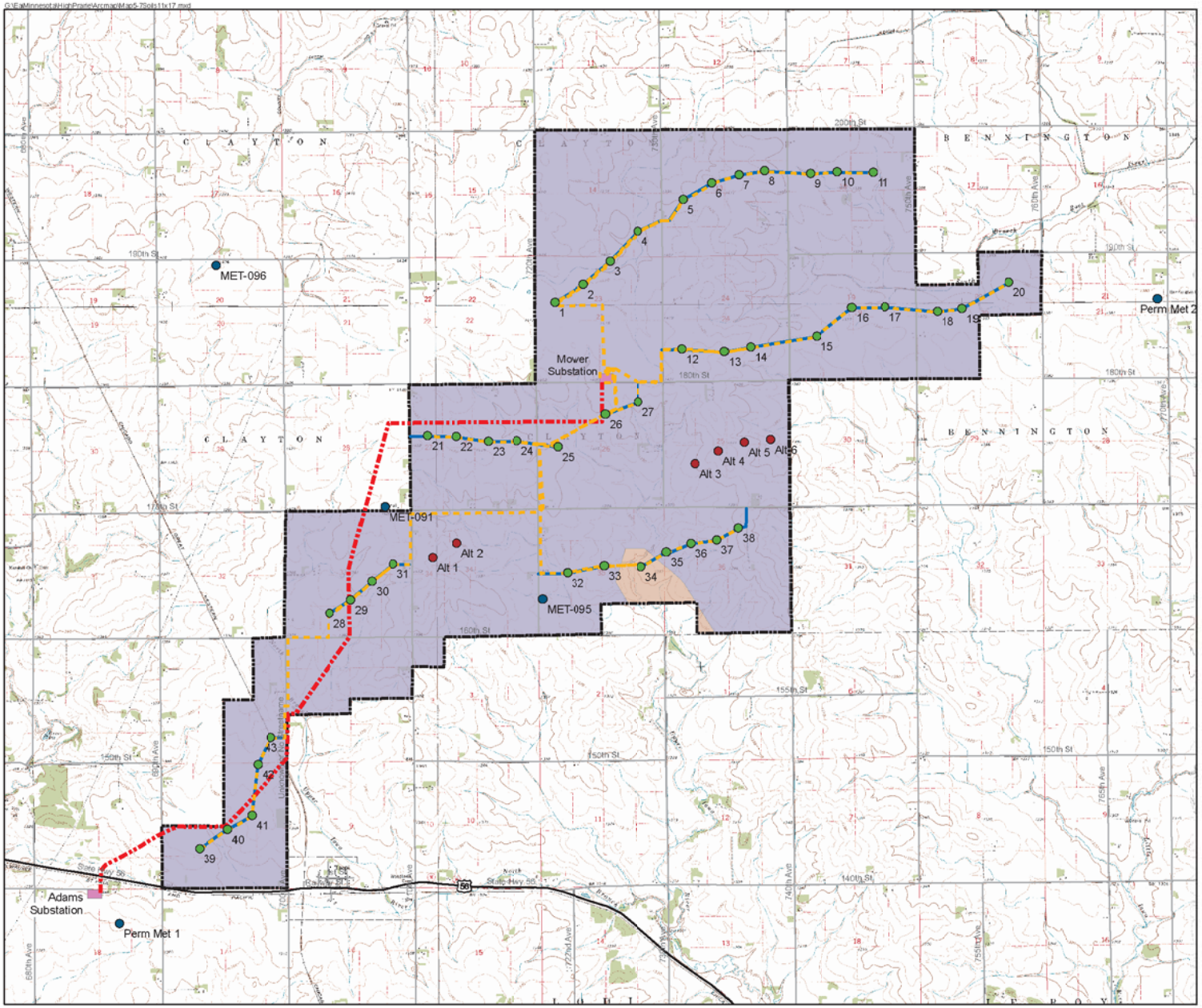
Facilities

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



High Prairie Wind Farm
Topography
Mower County, Minnesota

Map 5-6



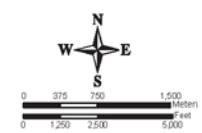
Project Area

Soil Types (STATSGO Data)

- 205 - Marshan-Waukee-Hayfield
- 208 - Tripoli-Oran-Readlyn

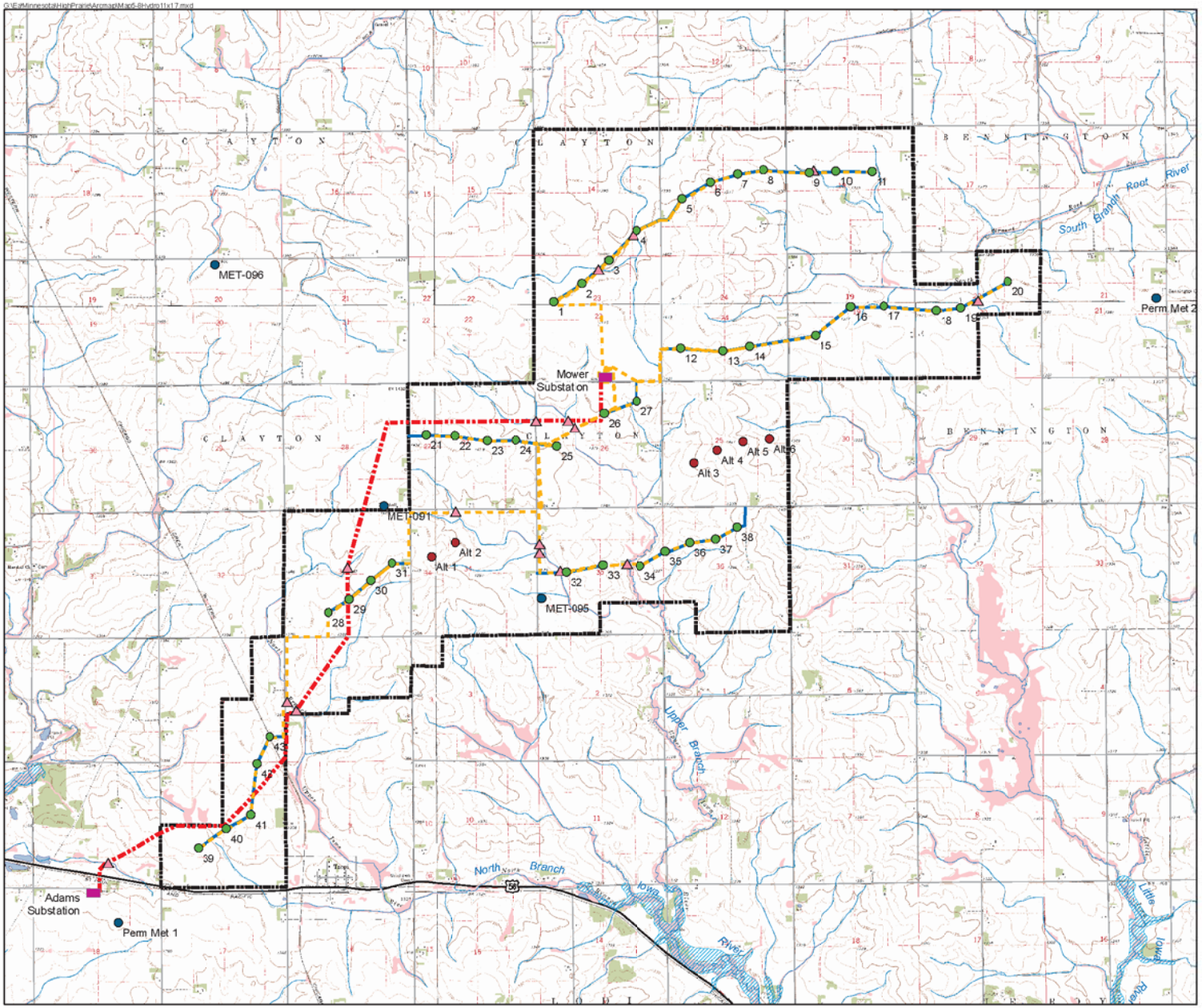
Facilities

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



High Prairie Wind Farm
Soils
Mower County, Minnesota

Map 5-7



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