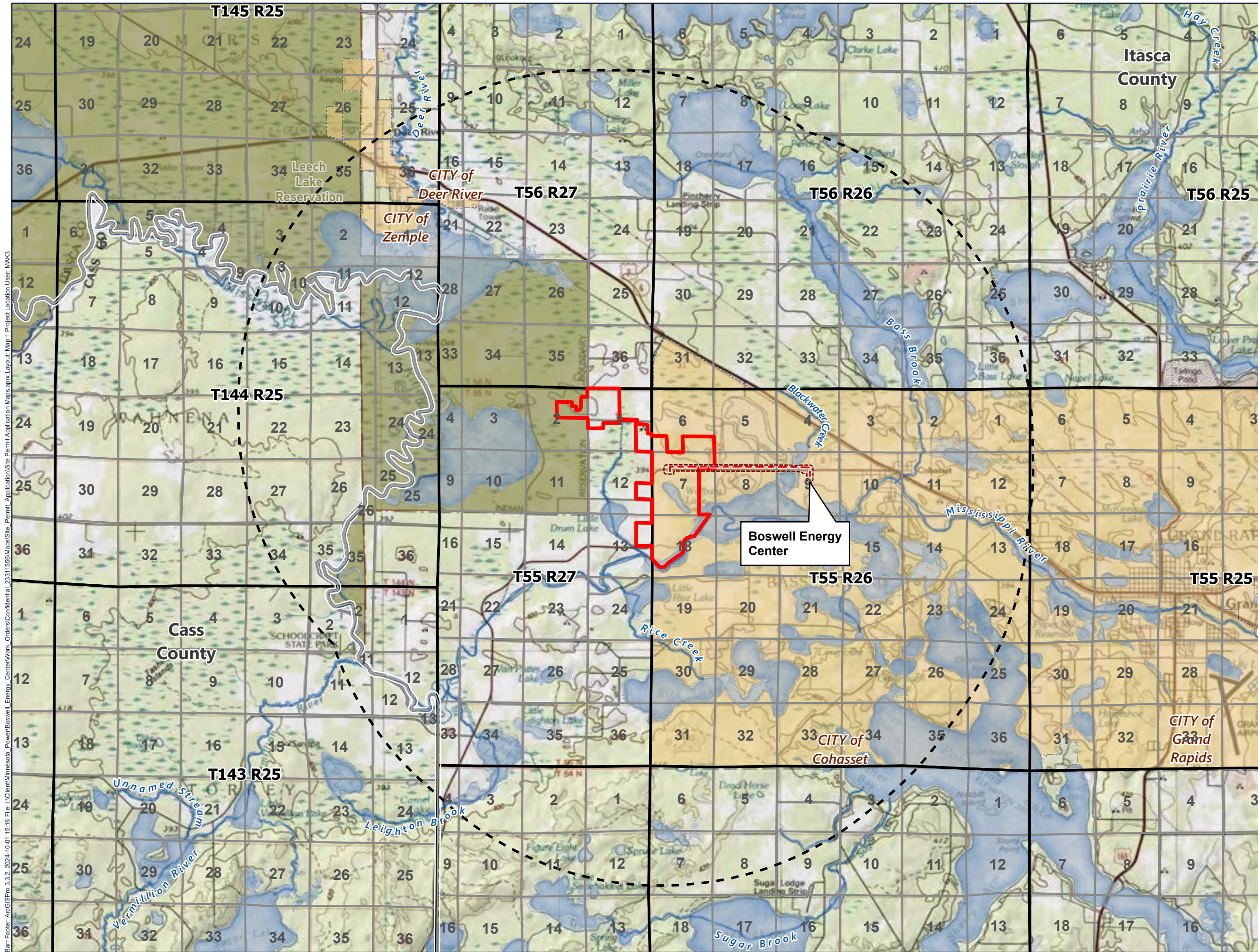
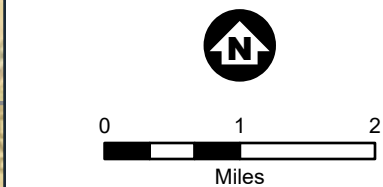


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- Site
- Gen-Tie Line
- Route Width
- 5 Mile Project Area Radius
- County Boundary
- Municipal Boundary
- Native American Reservation
- Public Land Survey Section
- Public Land Survey Townships
- Public Watercourses
- Public Water Watercourse
- Public Waters Basins



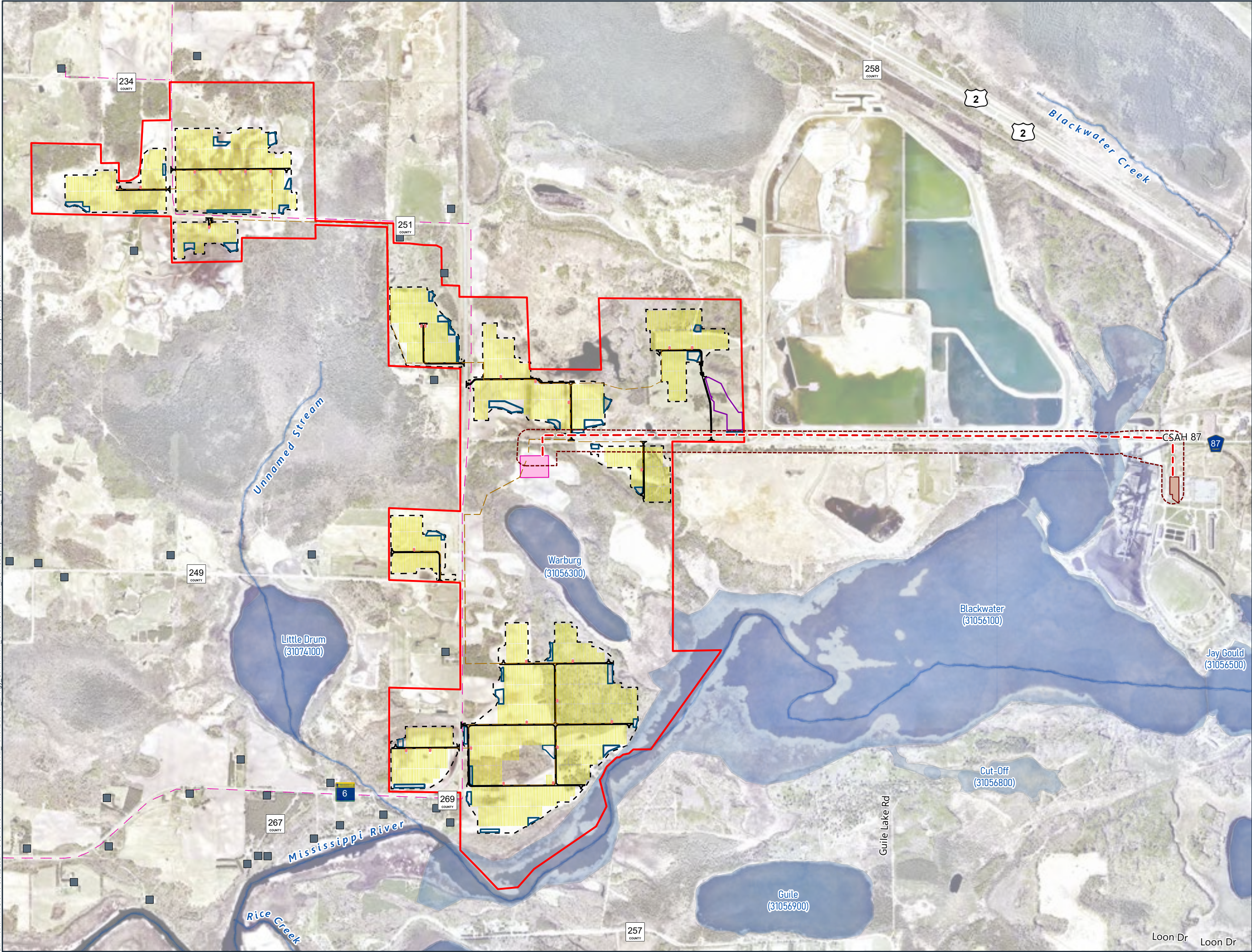
PROJECT LOCATION
Site Permit Application
Minnesota Power

Map 1

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Docket No. E015/TL-24-426

- Docket No. E015/GS-24-425
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Site

Gen-Tie Line

Route Width

Dwellings

Access Roads

Inverters

Laydown Yard

Overhead Powerlines

Security Fence

Stormwater Basin

Underground Collection

BEC 2030kV Expanson Substation

Proposed Solar Array

Warberg Lake Substation Area

Public Watercourses

Public Water Watercourse

Public Waters Basins

0

1,500

3,000

Feet

Imagery: 2023 Itasca County

PROJECT LAYOUT

Site Permit Application

Minnesota Power

Map 3

BARR

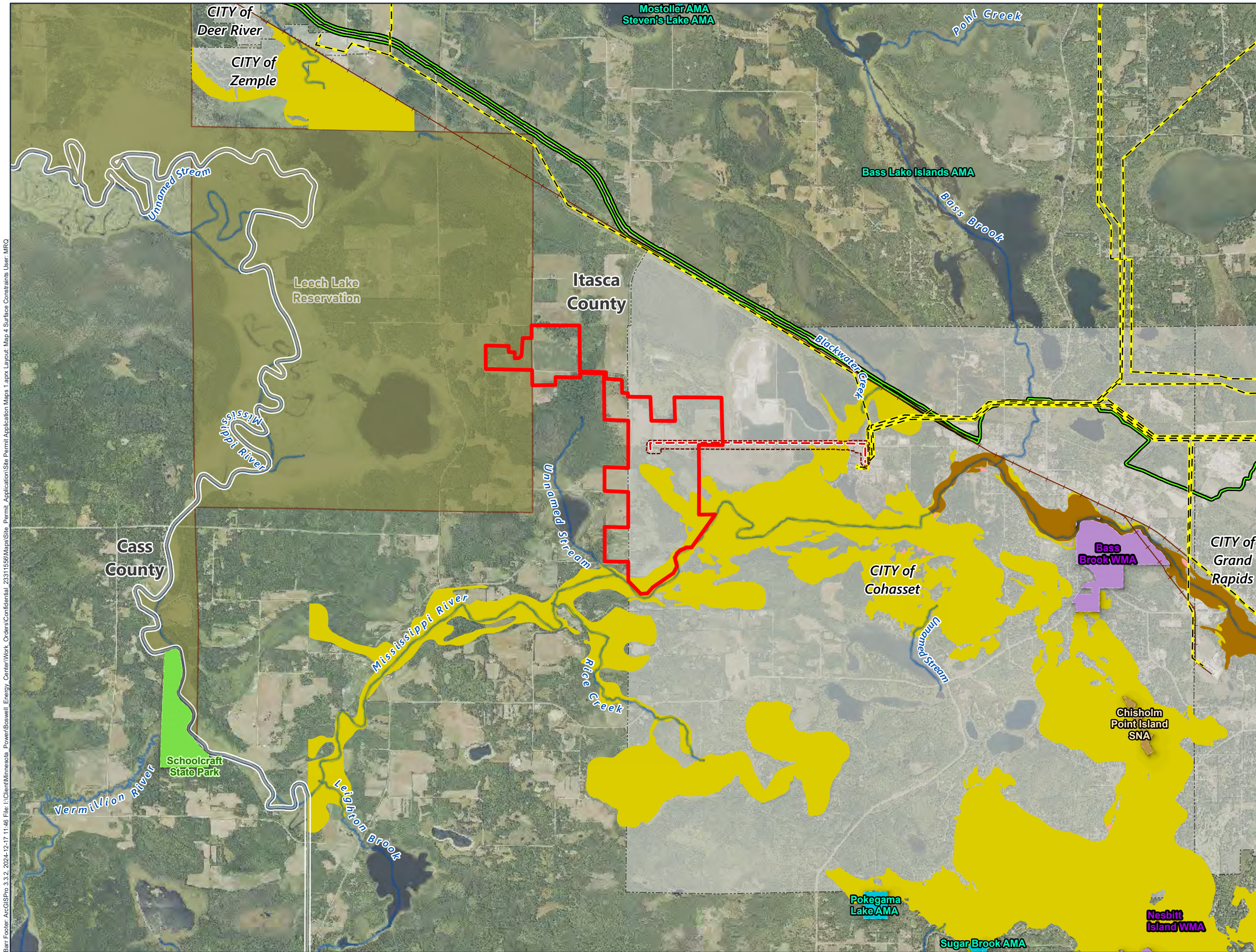
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Site

Route Width

Gen-Tie Line

Transmission Line

Snowmobile Trail (Existing)

Railroad

Airport

Aquatic Management Area (AMA)

Scientific and Natural Area (SNA)

Wildlife Management Areas (WMA)

State Park

County Boundary

Municipal Boundary

Native American Reservation

Public Watercourses

Public Water Watercourse

Public Ditch/Altered Natural Watercourse

Unmodernized Floodway

Unmodernized Floodplain

100 Floodplain

500 Floodplain

0

1

2

Miles

Imagery: 2023 NAIP

SURFACE CONSTRAINTS

Site Permit Application

Minnesota Power

Map 4

BARR

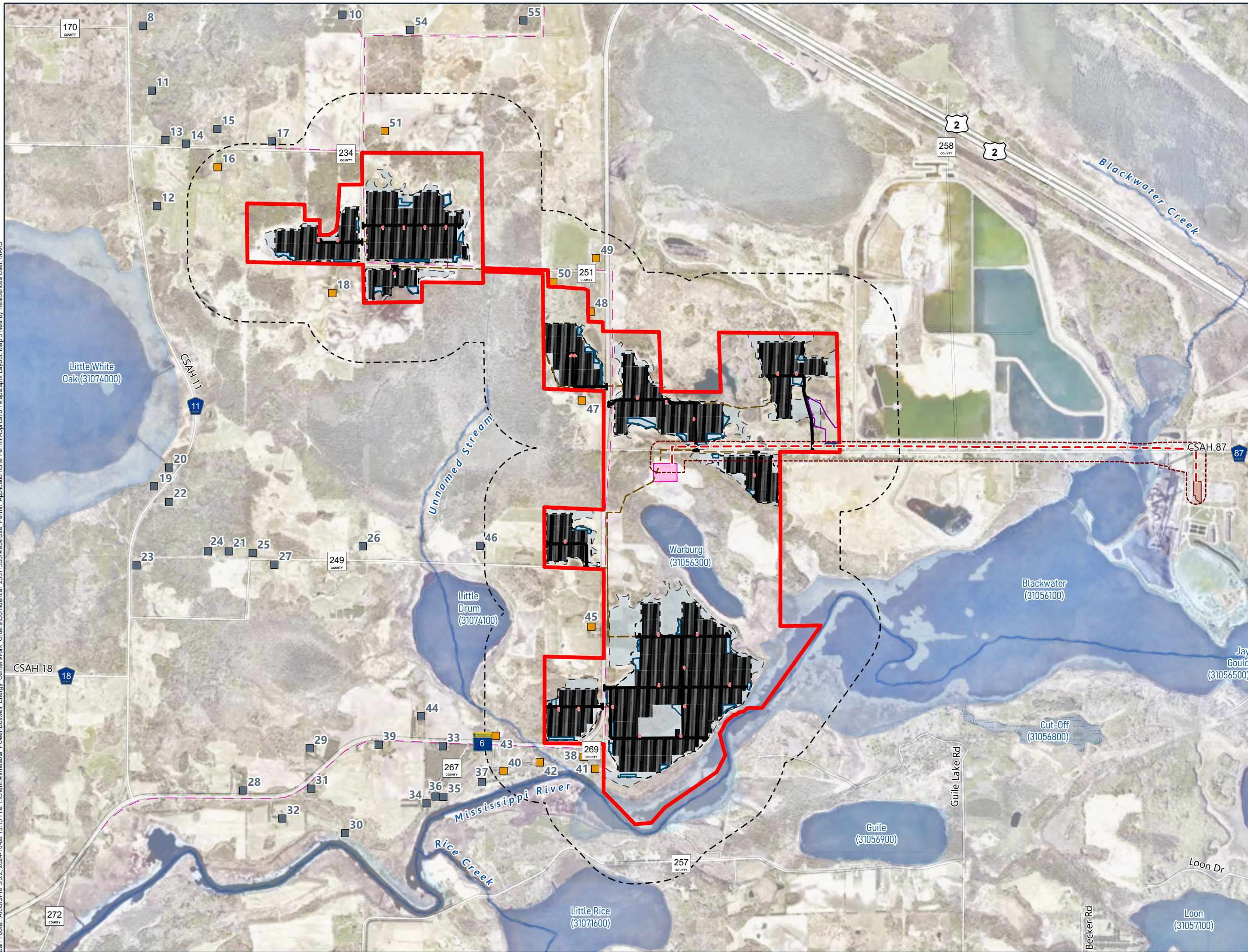
Maps

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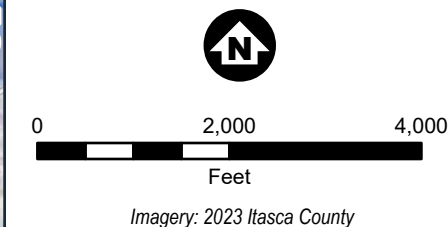
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Docket No. E015/TL-24-426

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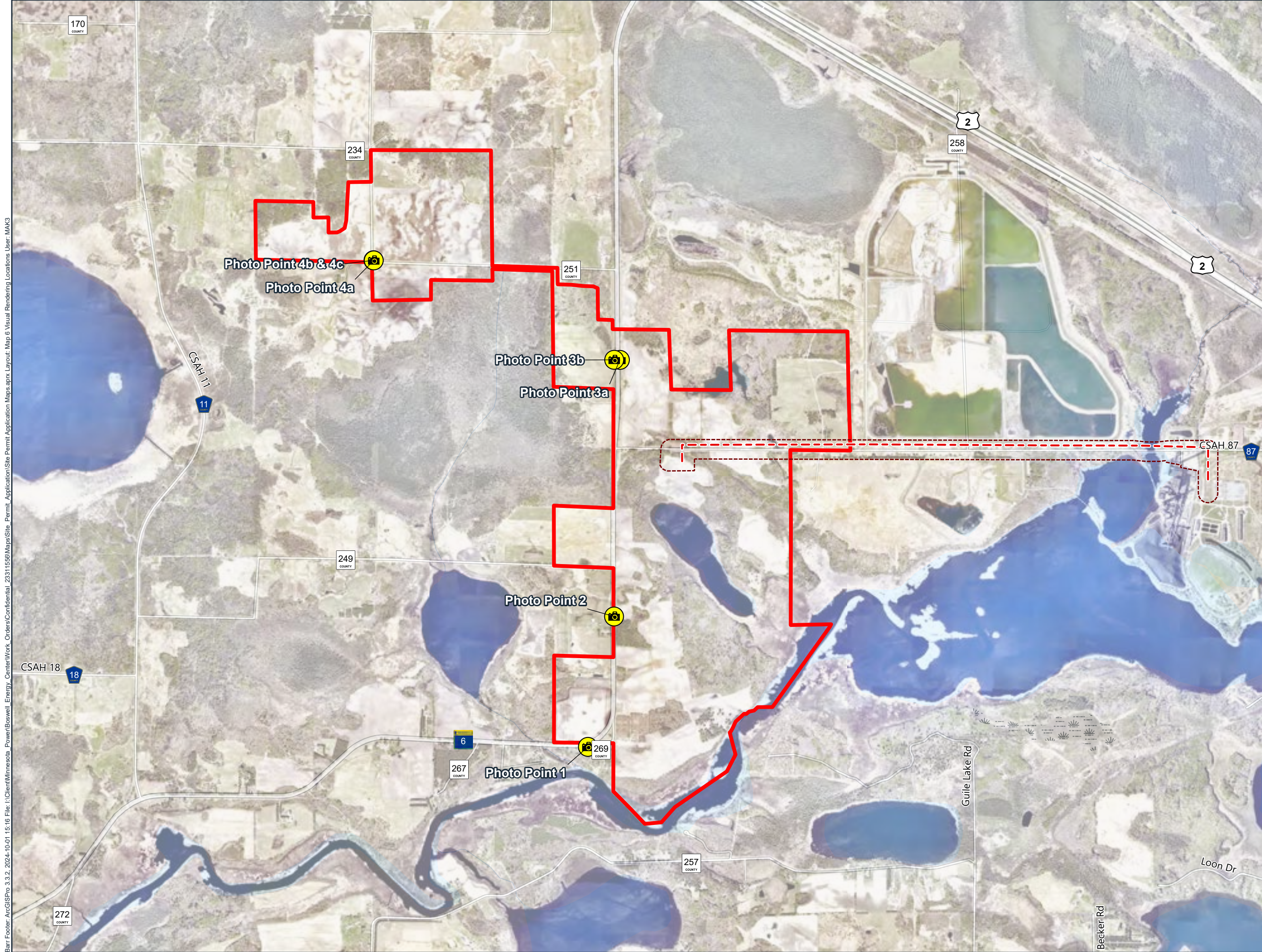
- Site
- Route Width
- Gen-Tie Line
- Quarter-Mile Project Area Radius
- Residence
- Residence within Quarter-Mile
- Laydown Yard
- Inverters
- Proposed Solar Array
- Access Routes
- Stormwater Basin
- Overhead Powerlines
- Underground Collection
- Security Fence
- Warberg Lake Substation Area
- BEC 230kV Expansion Substation
- Developable Land
- Public Water Watercourse
- Public Waters Basins



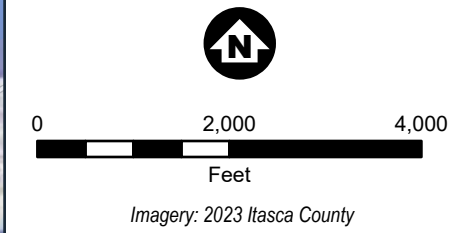
Imagery: 2023 Itasca County

NEARBY RESIDENCES
Site Permit Application
Minnesota Power

Map 5

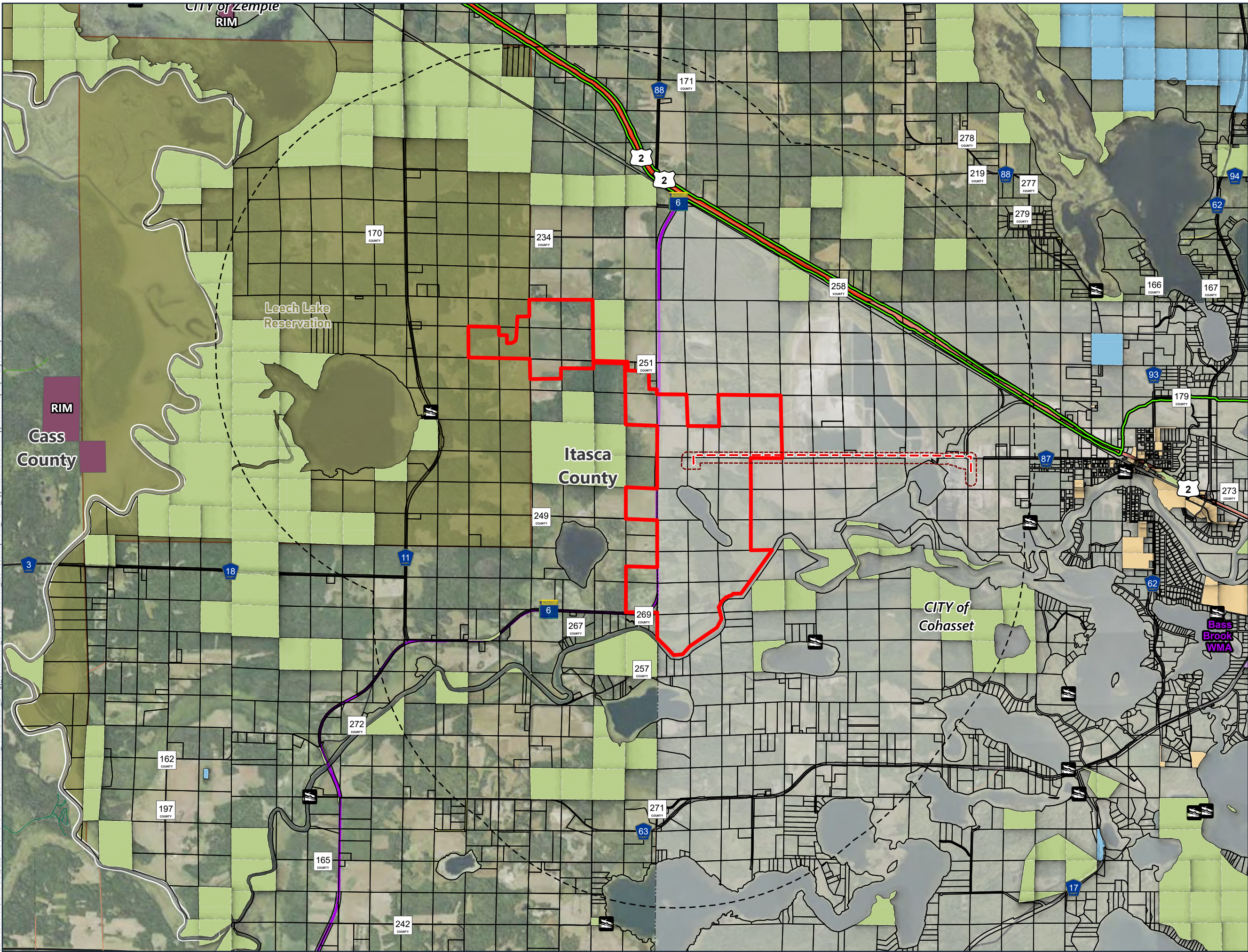


- Site
- Gen-Tie Line
- Route Width
- Visual Rendering Location



**VISUAL RENDERING
LOCATIONS**
Site Permit Application
Minnesota Power
Map 6

Barr Footer ArcGISPro 3.3.2, 2024-10-01 15:16 File: I:\Client\Minnesota Power\Boswell_Energy_Center\Work_Orders\Confidential_23311558\Maps\Site_Permits_Application\Maps.aprx Layout: Map 7 Public Land and Conservation Easements User: MAK3



Site

Route Width

2 Mile Project Radius

Gen-Tie Line

Snowmobile Trail (Existing)

County Boundary

Native American Reservation

Municipal Boundary

Wildlife Management Areas (WMA)

Parcel Type

Non-Public Land

City

County

Public Access

State of Minnesota

Conservation Easement

RIM

N

0

0.5

1

Miles

Imagery: 2023 NAIP

PUBLIC LAND AND
CONSERVATION EASEMENTS

Site Permit Application
Minnesota Power

Map 7

BARR

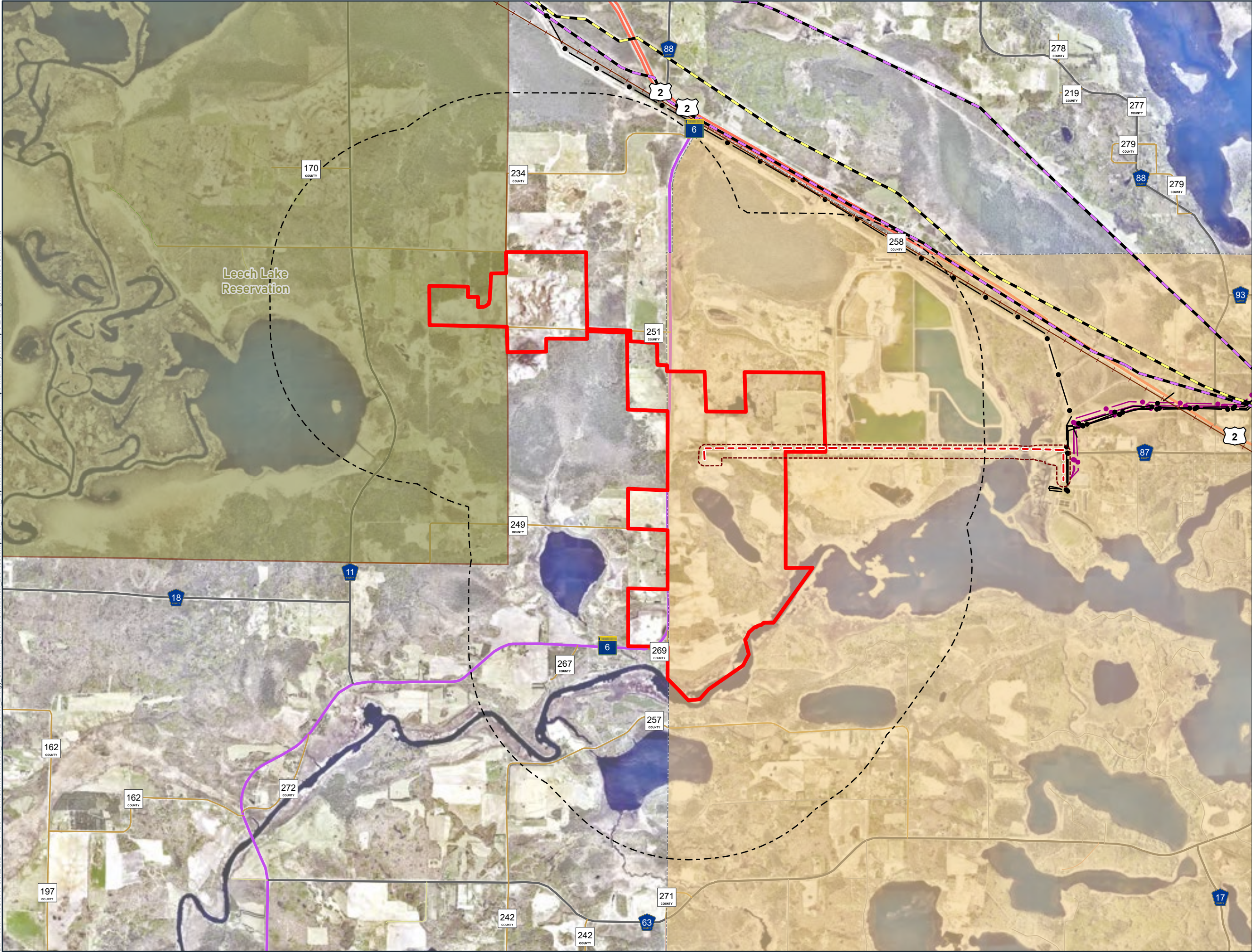
Maps

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Site

Route Width

Gen-Tie Line

1 Mile Project Area Radius

Native American Reservation

Municipal Boundary

Existing 115 kV Transmission Line

Existing 230 kV Transmission Line

Gas Transmission Pipeline*

Hazardous Liquid Pipeline*

Railroad

US Highway

State Trunk Highway

County State-Aid Highway

County Road

Township Road

Unorganized Township Road

Municipal Street

National Forest Development Road

Ramp

* Pipeline routes are based on USGS 7.5 Minute Quadrangle map features and cross referenced with the NPMS Public Viewer pipeline category type. These routes are considered approximate. Please refer to <https://pvnpm.phmsa.dot.gov/PublicViewer/> for the most available route data to the public.

N

0

3,000

6,000

Feet

Imagery: 2023 Itasca County

EXISTING LINEAR INFRASTRUCTURE

Site Permit Application

Minnesota Power

Map 8

BARR

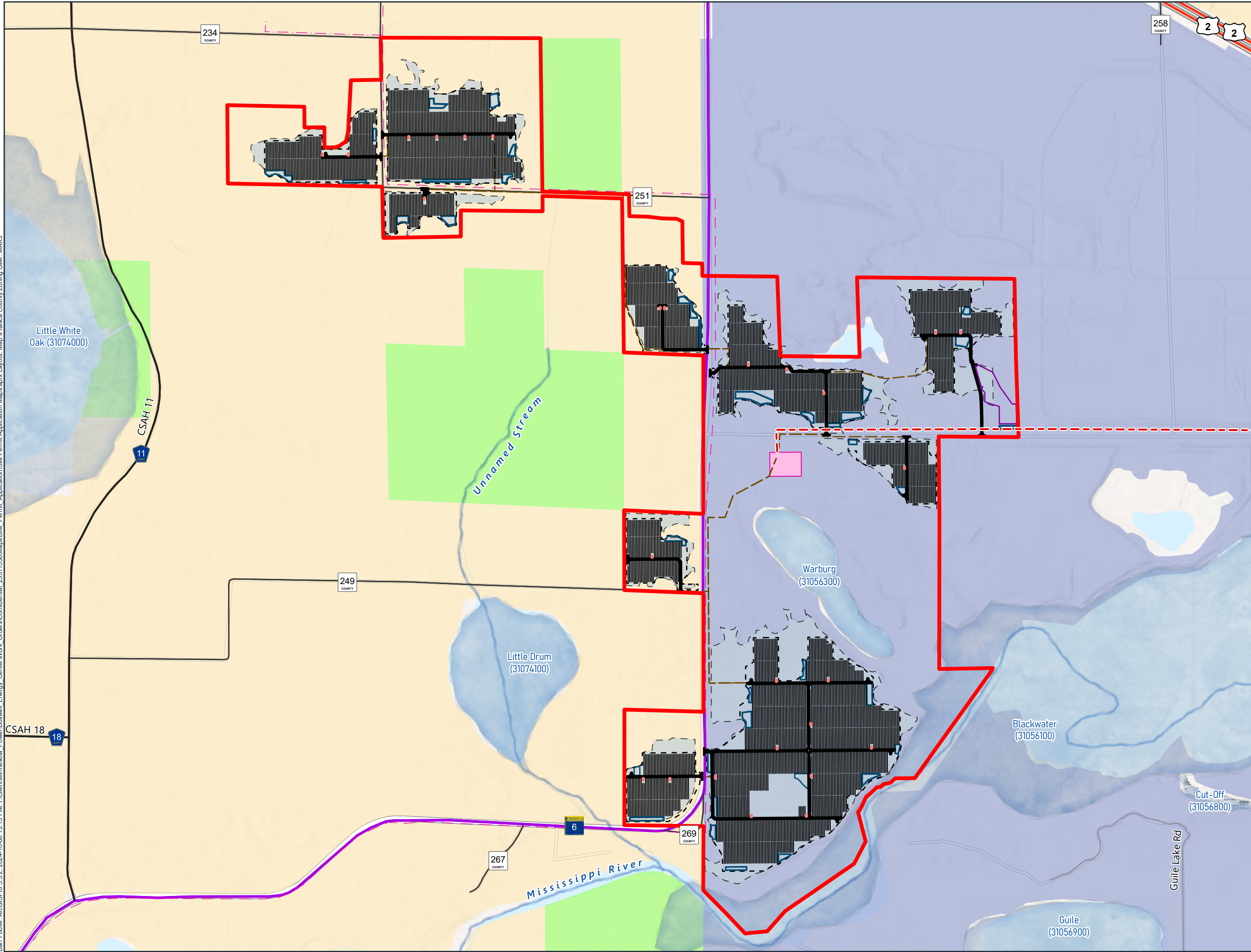
Maps

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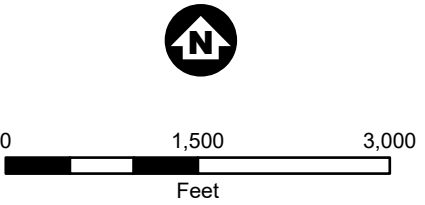
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- Site
- Gen-Tie Line
- Laydown Yard
- Inverters
- Proposed Solar Array
- Access Routes
- Stormwater Basin
- Overhead Powerlines
- Underground Collection
- Security Fence
- Warberg Lake Substation Area
- Developable Land
- Public Waters Basins
- Public Water Watercourse
- Itasca County Zoning Districts
 - 2 - Farm Residential
 - 6 - Public
 - M - Municipal

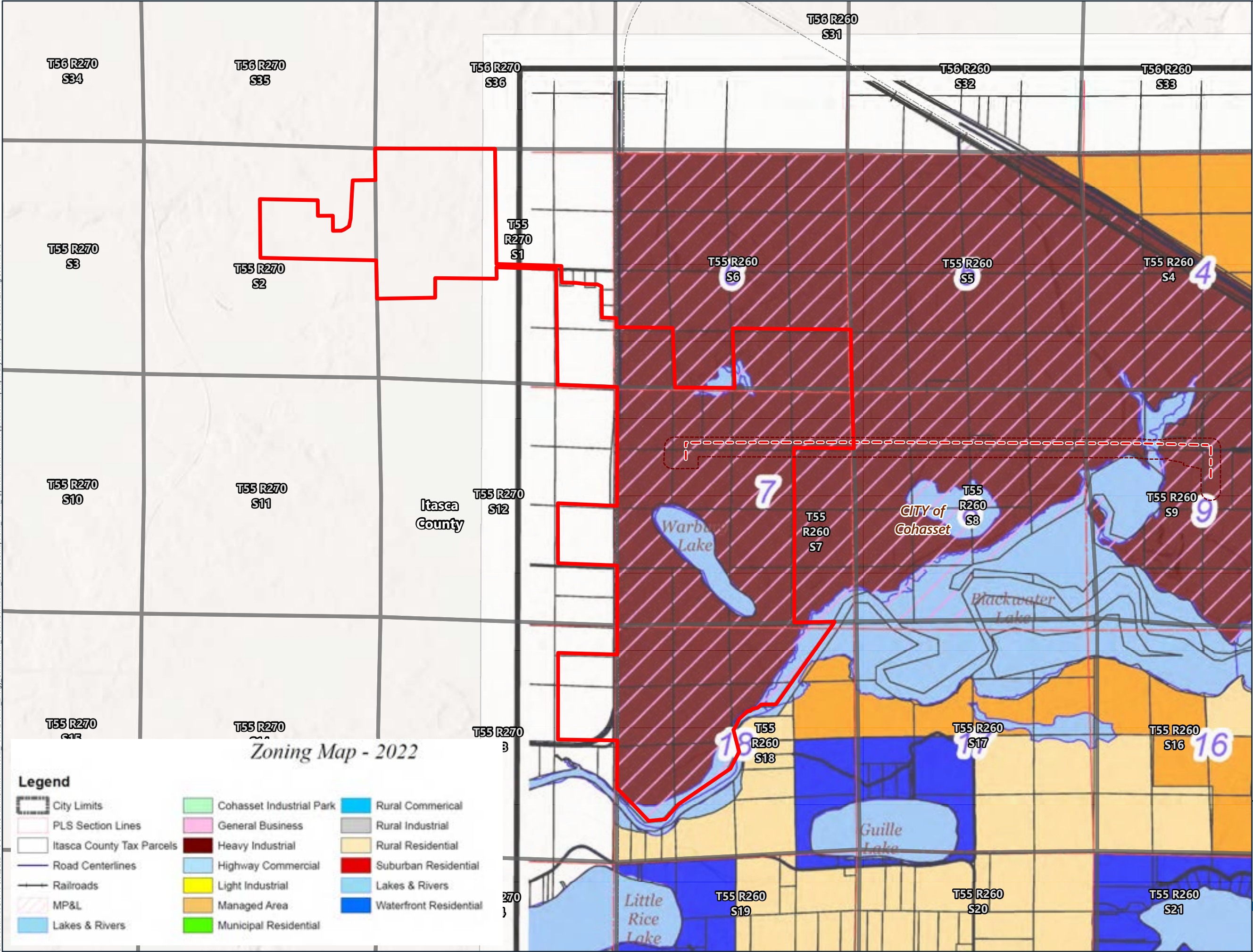


ITASCA COUNTY ZONING
Site Permit Application
Minnesota Power

Map 9

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Site

Gen-Tie Line

Route Width

Sections

Municipal Boundary

County Boundary

0

1,500

3,000

Feet

N

Cohasset Zoning Map Georeferenced
by Barr Engineering for Review Purposes

COHASSET ZONING

Site Permit Application

Minnesota Power

Map 10

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