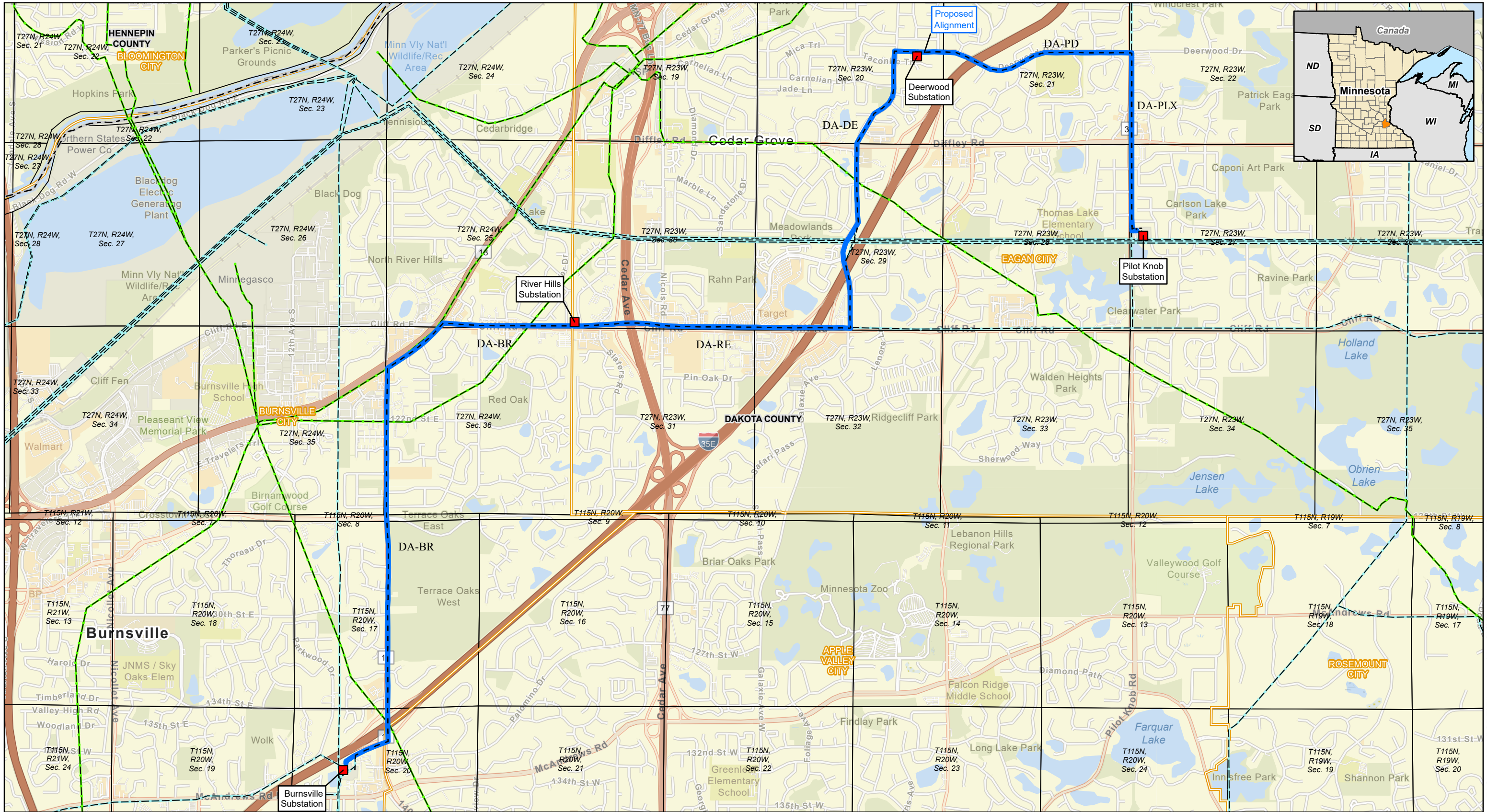


Figures

Pilot Knob to Burnsville 115-kV Transmission Line
Rebuild and Upgrade Project
Route Permit Application
MPUC Docket No. ET2/TL-23-410
November 2023



01,3002,600

Feet

1 inch = 2,600 feet

For Environmental Review Purposes Only

N

W

E

S

Figure 1-1

Pilot Knob to Burnsville Rebuild and Upgrade Project

Proposed Alignment

Dakota County, Minnesota

Great River Energy

Proposed Alignment

Existing Substation

Existing Transmission Line (GRE)

Non-GRE Transmission

Existing Natural Gas Pipeline

Existing Transmission Line

County Highway

State Highway

Section Boundary

City Boundary

County Boundary

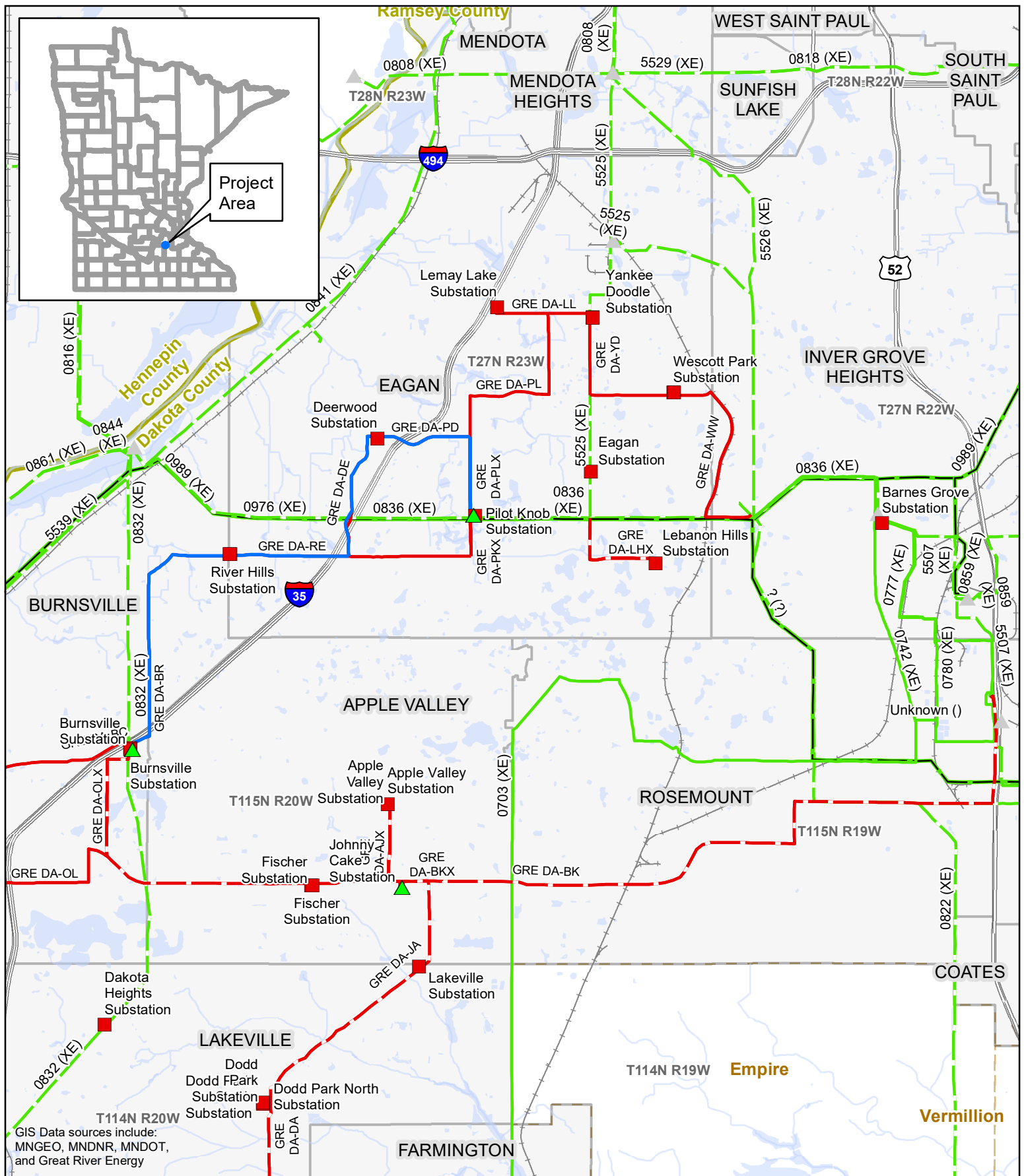
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Cooperatives
 Dakota Electric Association
 ProjectArea



GREAT RIVER ENERGY™



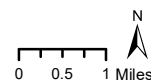
Great River Energy

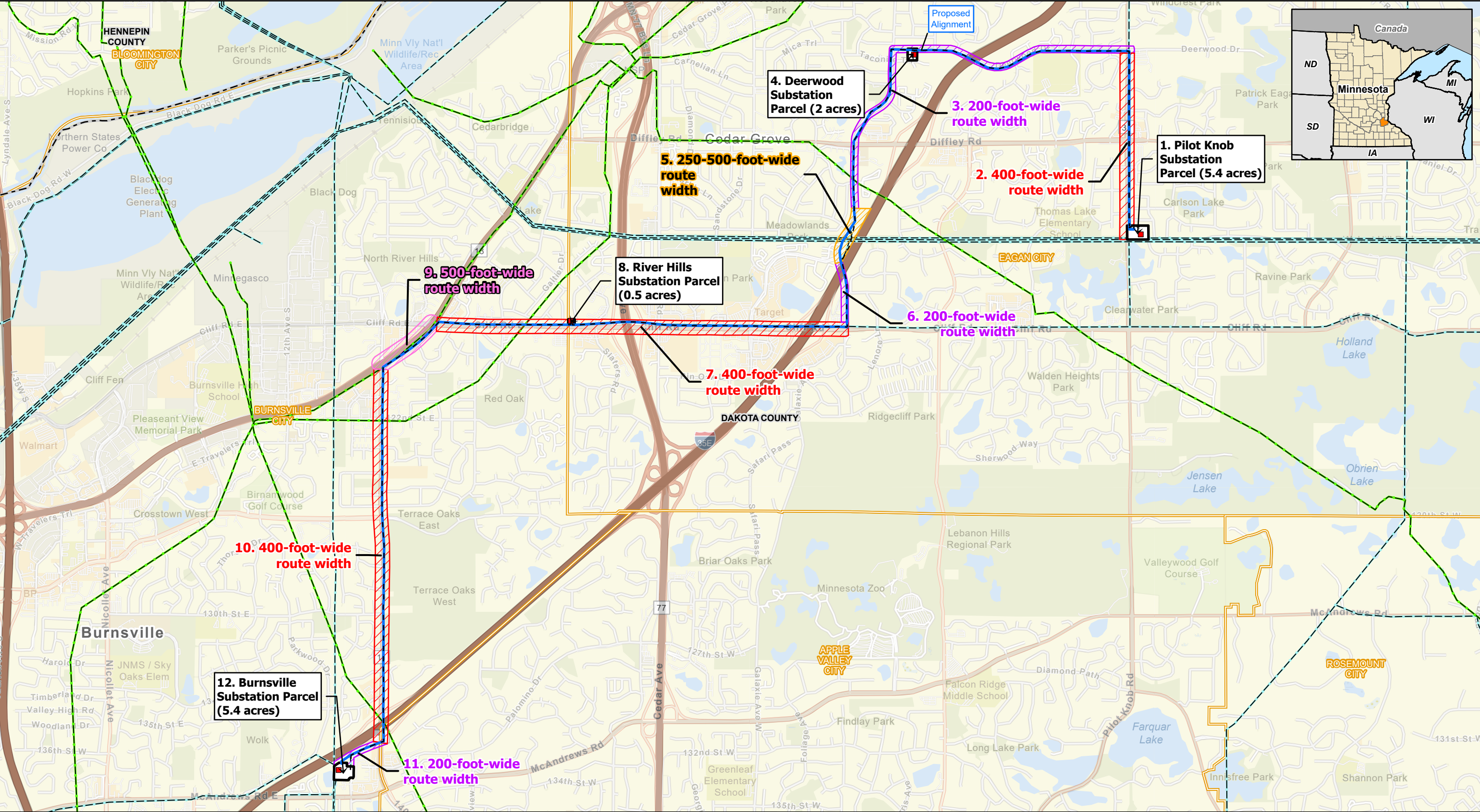
- Proposed 115-kV transmission line
- Existing 69-kV transmission line
- - - Existing 115-kV transmission line
- ▲ Existing transmission substation

Non-GRE Transmission

- Existing 69-kV transmission line
- - - Existing 115-kV transmission line
- Existing 345-kV transmission line
- ▲ Existing transmission substation

**Pilot Knob to Burnsville
Rebuild and Upgrade Project
Regional Transmission System
Figure 1-3**





01,3002,600

Feet

1 inch = 2,600 feet

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Figure 3-1

Pilot Knob to Burnsville Rebuild and Upgrade Project

Route Widths

Dakota County, Minnesota

Great River Energy

Proposed Alignment

Existing Substation

Existing Transmission Line (GRE)

Route Widths (Feet)

200

250-500

400

500

Non-GRE Transmission

Existing Natural Gas Pipeline

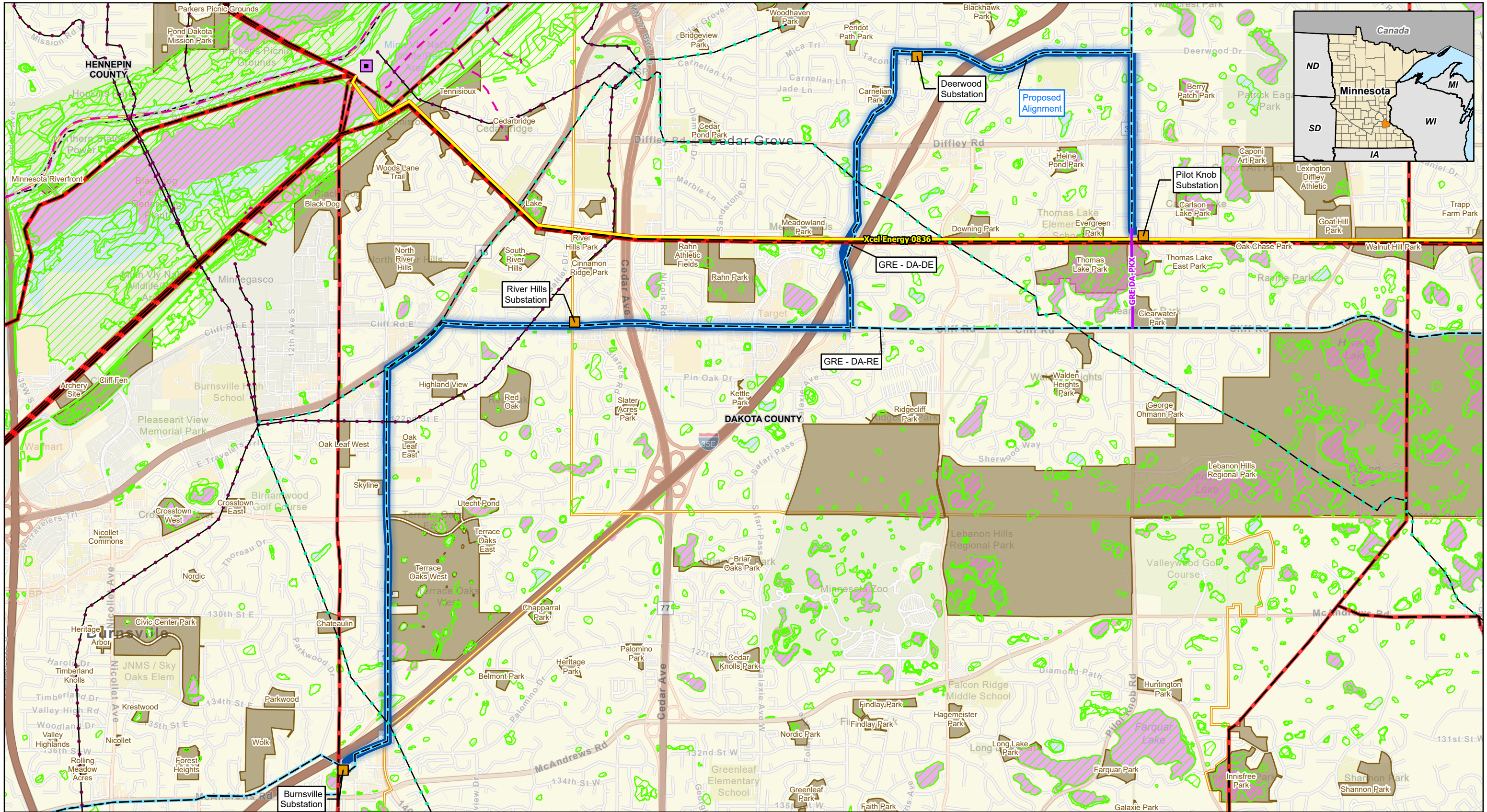
Existing Transmission Line

City Boundary

County Boundary

Date: (10/19/2023)

Source: Z:\Clients\E_HGRE\Pilot_Knob\ArcGIS\Permitting\State\PUC\Route_Figures\PilotKnob_RP.aprx



01,3002,600

Feet

1 inch = 2,600 feet

For Environmental Review Purposes Only

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Figure 5-1

Pilot Knob to Burnsville Rebuild and Upgrade Project

Route Alternatives Considered and Rejected

Dakota County, Minnesota

Proposed Alignment

Existing Substation

Blackdog Electric Generating Plant

Great River Energy

Xcel Energy, Inc.

Xcel Energy 0836

GRE DA-PKX

CenterPoint Energy

NNG

Existing Natural Gas Pipeline

GRE - DA-RE

GRE - DA-DE

PWI Watercourse

NWI Wetland

PWI Basin

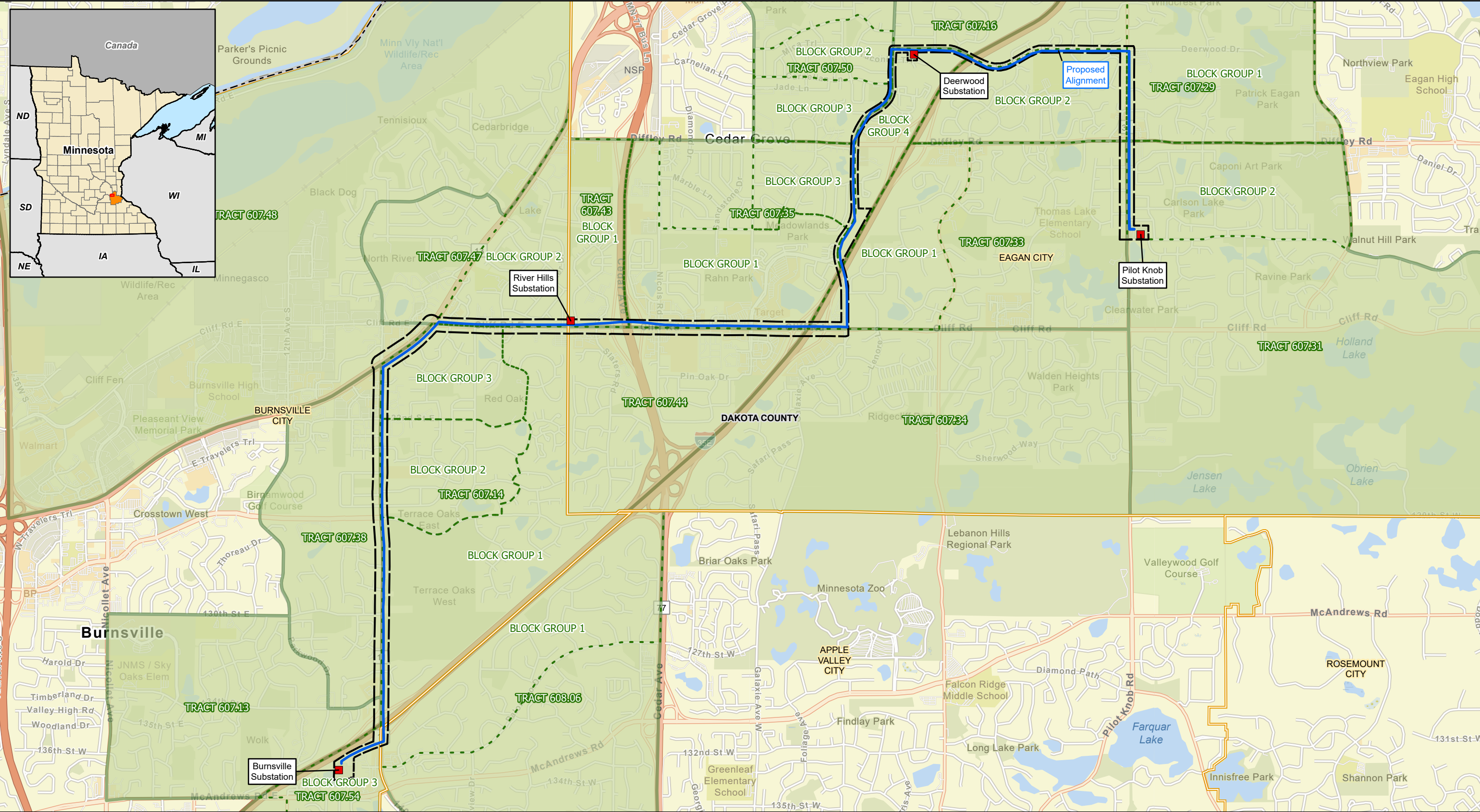
Local Park/Recreation Area

County Boundary

City Boundary

Source: Z:\Clients\E_HGRE\Pilot_Knob\ArcGIS\Permitting\State\PUC\Route_PilotKnob_RP.aprx

Date: (10/19/2023)



02,600

Feet

1 inch = 2,600 feet



GREAT RIVER ENERGY

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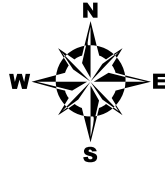


Figure 7-1

Pilot Knob to Burnsville Rebuild and Upgrade Project

Census Tracts

Dakota County, Minnesota

Great River Energy

Proposed Alignment

Existing Substation

Proposed Route Width

Census Tract

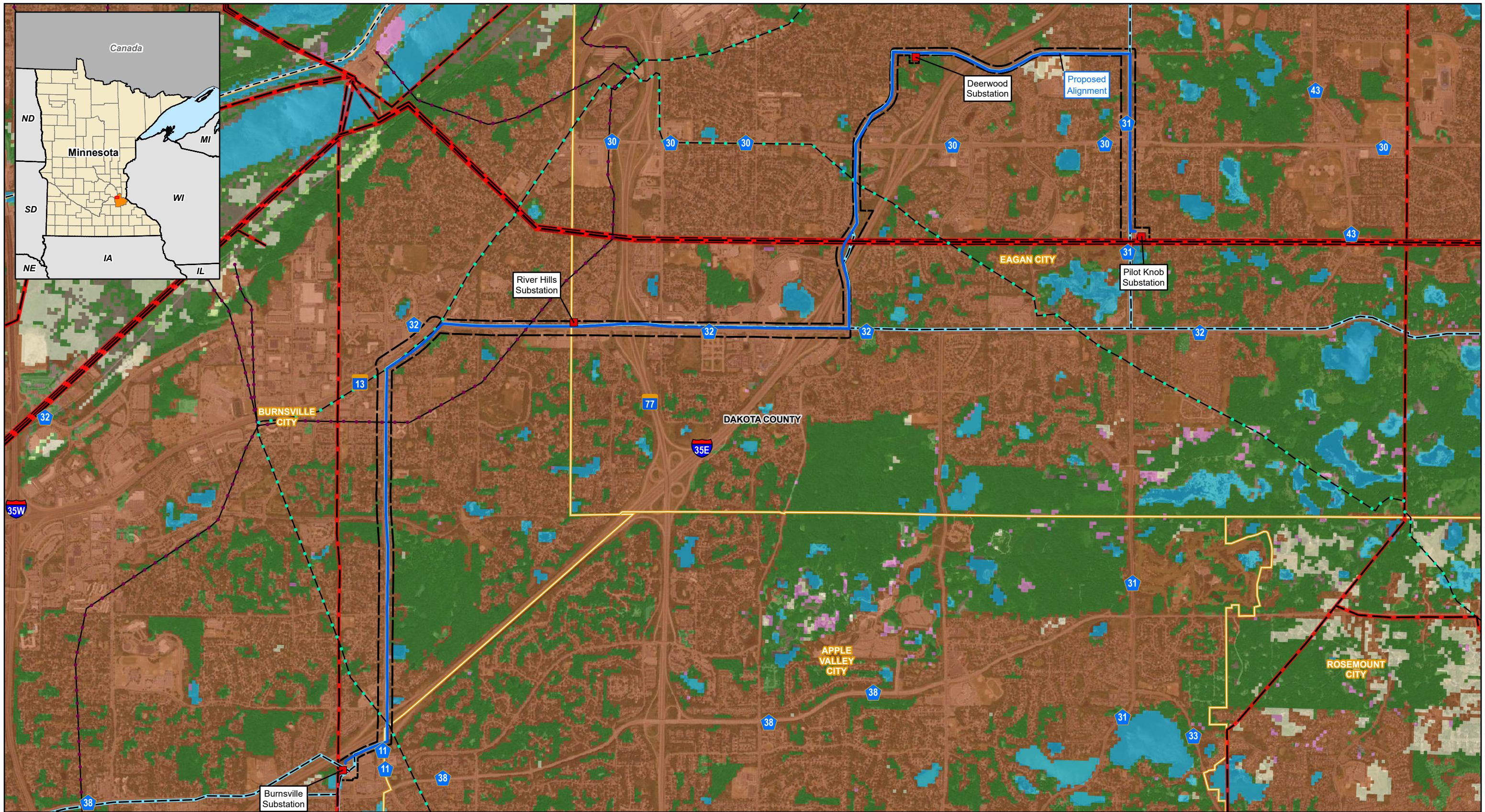
Census Block Group

City Boundary

County Boundary

Date: (10/19/2023)

Source: Z:\Clients\E_HGRE\Pilot_Knob_ArcGIS\E\Pilot_Knob_Environmental_Justice.aprx



0 2,600
Feet

1 inch = 2,600 feet



For Environmental Review Purposes Only

Figure 7-2

Pilot Knob to Burnsville Rebuild and Upgrade Project

Land Use

Dakota County, Minnesota

Great River Energy — Proposed Alignment — Proposed Route Width ■ Existing Substation	Existing Natural Gas Pipeline — CenterPoint Energy — NNG Existing Transmission Line — Great River Energy — Xcel Energy, Inc.	— City Boundary — County Boundary GAP Land Use — Agricultural & Developed Vegetation — Developed & Other Human Use	— Forest & Woodland — Introduced & Semi Natural Vegetation — Open Water — Recently Disturbed or Modified — Shrub & Herb Vegetation
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Source: Z:\Clients\E_HIGRE\Pilot_Knob\ArcGIS\Permitting\State\PU\Route_PilotKnob_RP.aprx Date: (10/19/2023)