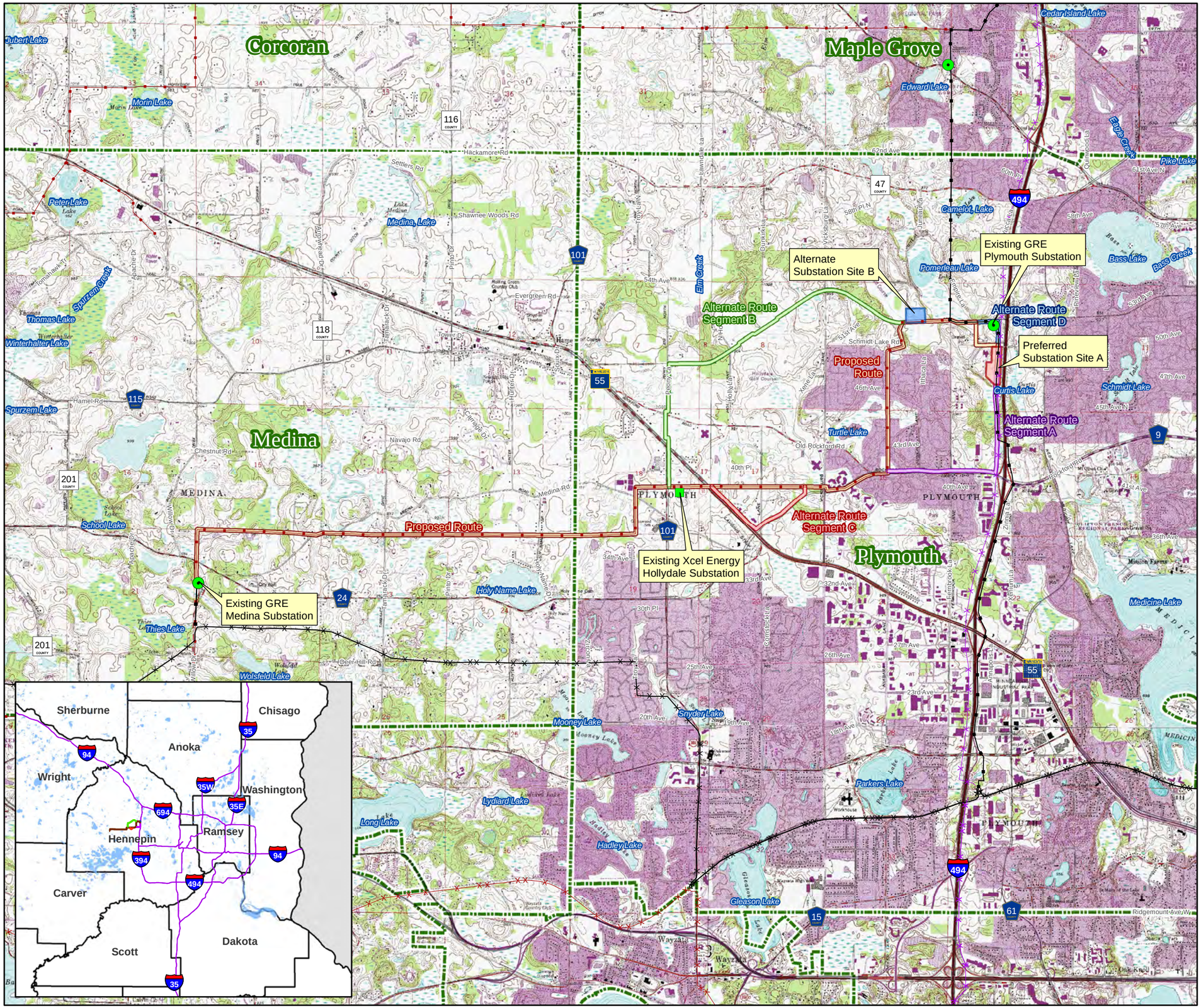
Appendix B

Maps



Existing Xcel Energy Substation

Existing GRE Substation

Municipality

Preferred Substation Site A

Alternate Substation Site B

Railroad

Proposed Route

Alternate Route Segment A

Alternate Route Segment B

Alternate Route Segment C

Alternate Route Segment D

Existing Xcel EnergyTransmission Line

69 kV

115 kV

345 kV

Existing GRE Transmission Line

69 kV

115 kV

Data Sources:
Xcel Energy, GRE, MN DNR, MNDOT, USGS

N

Feet
4,000 0 4,000

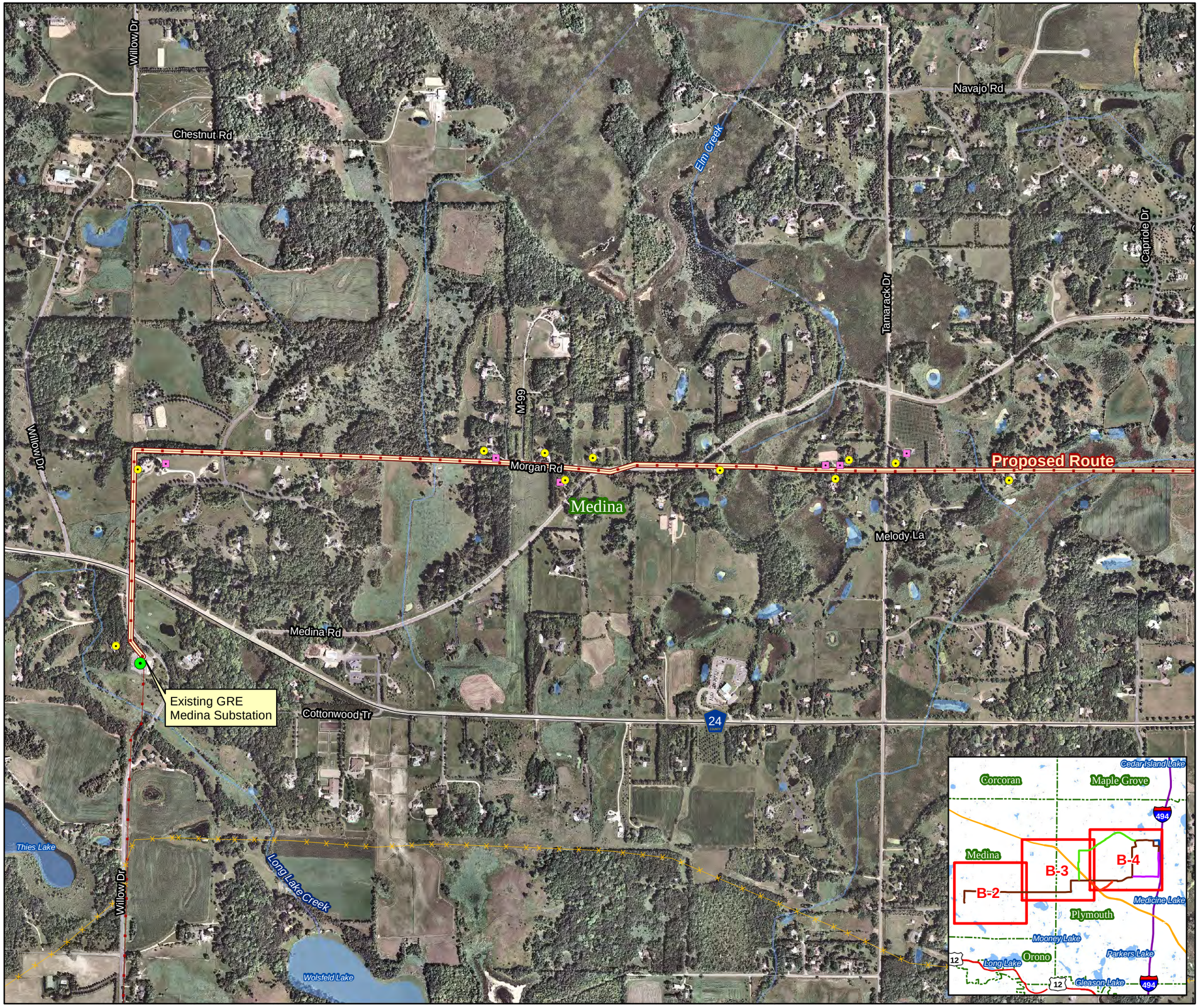
Meters
1,200 0 1,200

Figure B-1

GENERAL VICINITY MAP
Hollydale Project

Xcel Energy

PUC Docket No. E002/TL-11-152



Existing GRE Substation

Municipality

Proposed Route
(Existing Transmission Corridor)

Residence within Approximately
200 ft of Proposed Route or
Alternate Route Segment (Barr, 2010)

Non-Residential Building within Approximately
200ft of Proposed Route or Alternate
Route Segment (Barr, 2010)

Existing Xcel Energy Transmission Line

69 kV

115 kV

Existing GRE Transmission Line

69 kV

Data Source:
Xcel Energy, GRE, MN DNR, MNDOT, USGS, Aerials Express 2009

N

Feet
1,000 0 1,000

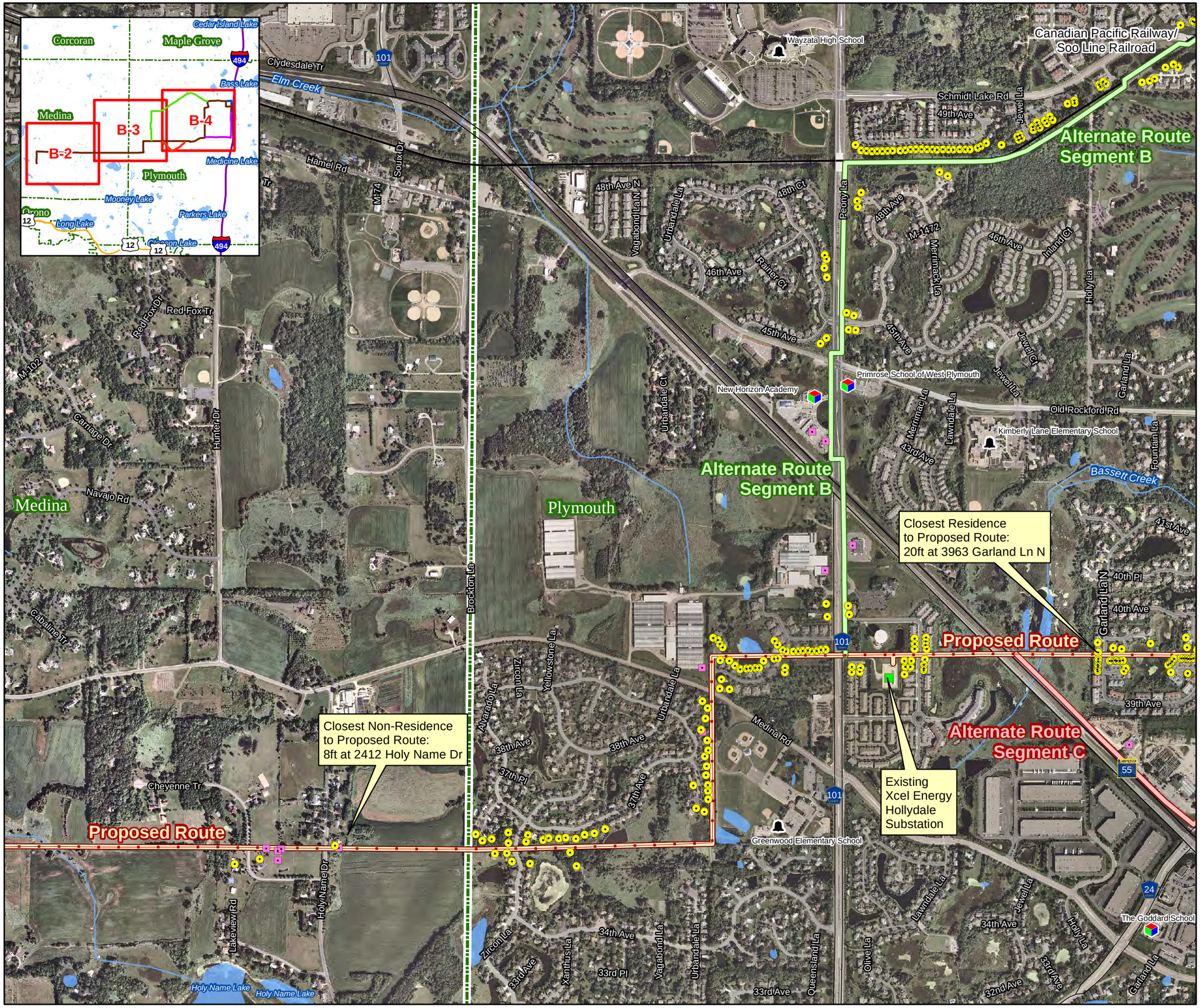
Meters
300 0 300

Figure B-2

PROJECT LOCATION -
WEST PORTION OF PROJECT
Hollydale Project

Xcel Energy®

PUC Docket No. E002/TL-11-152



Existing Xcel Energy Substation

Municipality

Canadian Pacific / Soo Line Railroad

Proposed Route (Existing Transmission Corridor)

Alternate Route Segment B

Alternate Route Segment C

Residence within Approximately 200 ft of Proposed Route or Alternate Route Segment (Barr, 2010)

Non-Residential Building within Approximately 200ft of Proposed Route or Alternate Route Segment (Barr, 2010)

Child Care Center within 1/2 mile of Proposed Route or Alternate Route Segment (Barr, 2010)

School within 1/2 mile of Proposed Route or Alternate Route Segment (Barr, 2010)

Existing GRE Transmission Line

69 kV

Data Source:
Xcel Energy, GRE, MN DNR, MNDOT, USGS, Aerials Express 2009

N

Feet
1,000 0 1,000

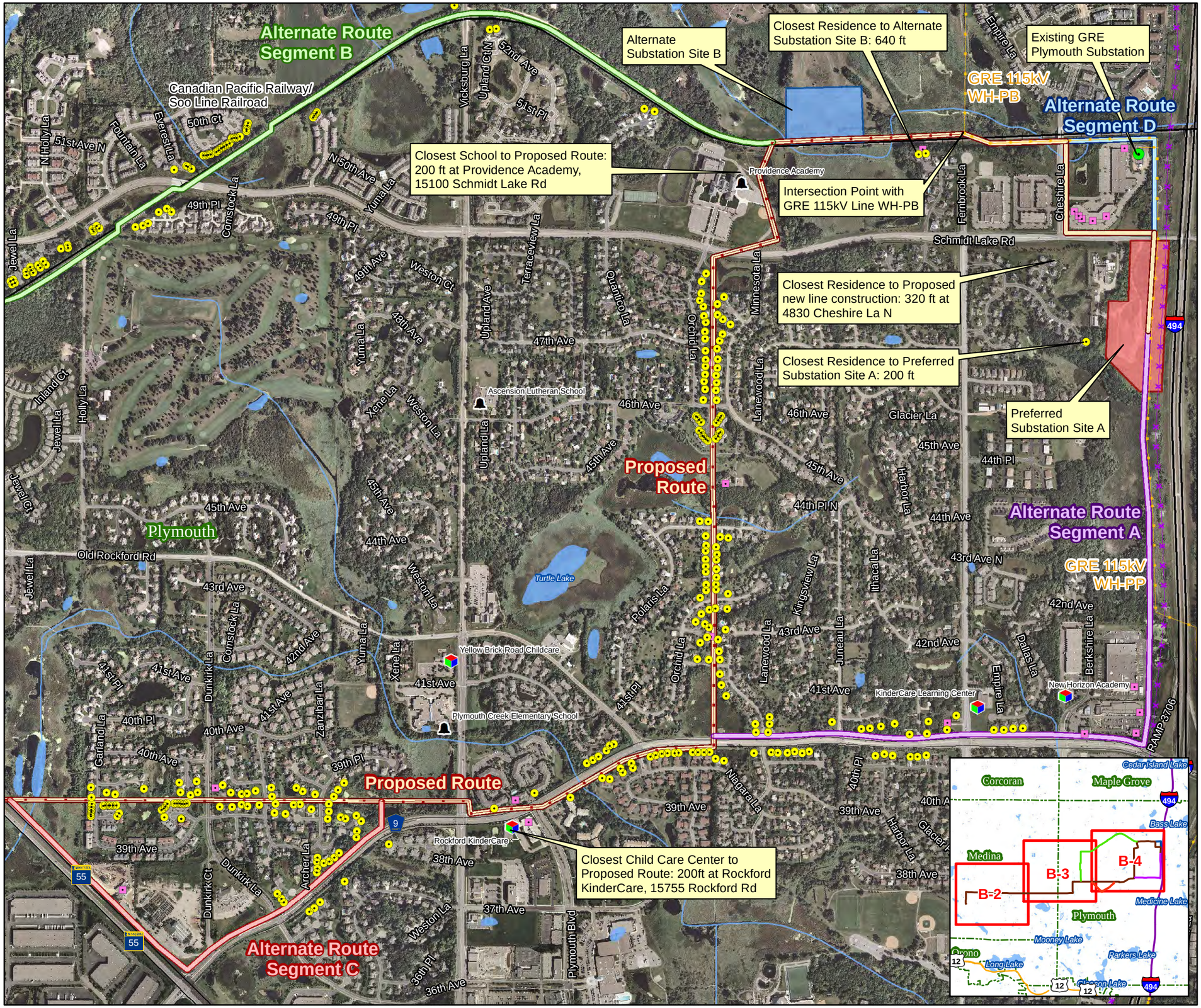
Meters
300 0 300

Figure B-3

PROJECT LOCATION -
CENTRAL PORTION OF PROJECT
Hollydale Project

Xcel Energy®

PUC Docket No. E002/TL-11-152



- Existing GRE Substation
- Municipality
- Preferred Substation Site A
- Alternate Substation Site B
- Canadian Pacific / Soo Line Railroad
- Proposed Route (Existing Transmission Corridor)
- Alternate Route Segment A
- Alternate Route Segment B
- Alternate Route Segment C
- Alternate Route Segment D
- Residence within Approximately 200 ft of Proposed Route or Alternate Route Segment (Barr, 2010)
- Non-Residential Building within Approximately 200ft of Proposed Route or Alternate Route Segment (Barr, 2010)
- Child Care Center within 1/2 mile of Proposed Route or Alternate Route Segment (Barr, 2010)
- School within 1/2 mile of Proposed Route or Alternate Route Segment (Barr, 2010)

Existing Xcel Energy Transmission Line

- 345 kV

Existing GRE Transmission Line

- 69 kV
- 115 kV

Data Source: Xcel Energy, GRE, MNDOT, USGS, Aerials Express 2009

N

Feet

1,000 0 1,000

Meters

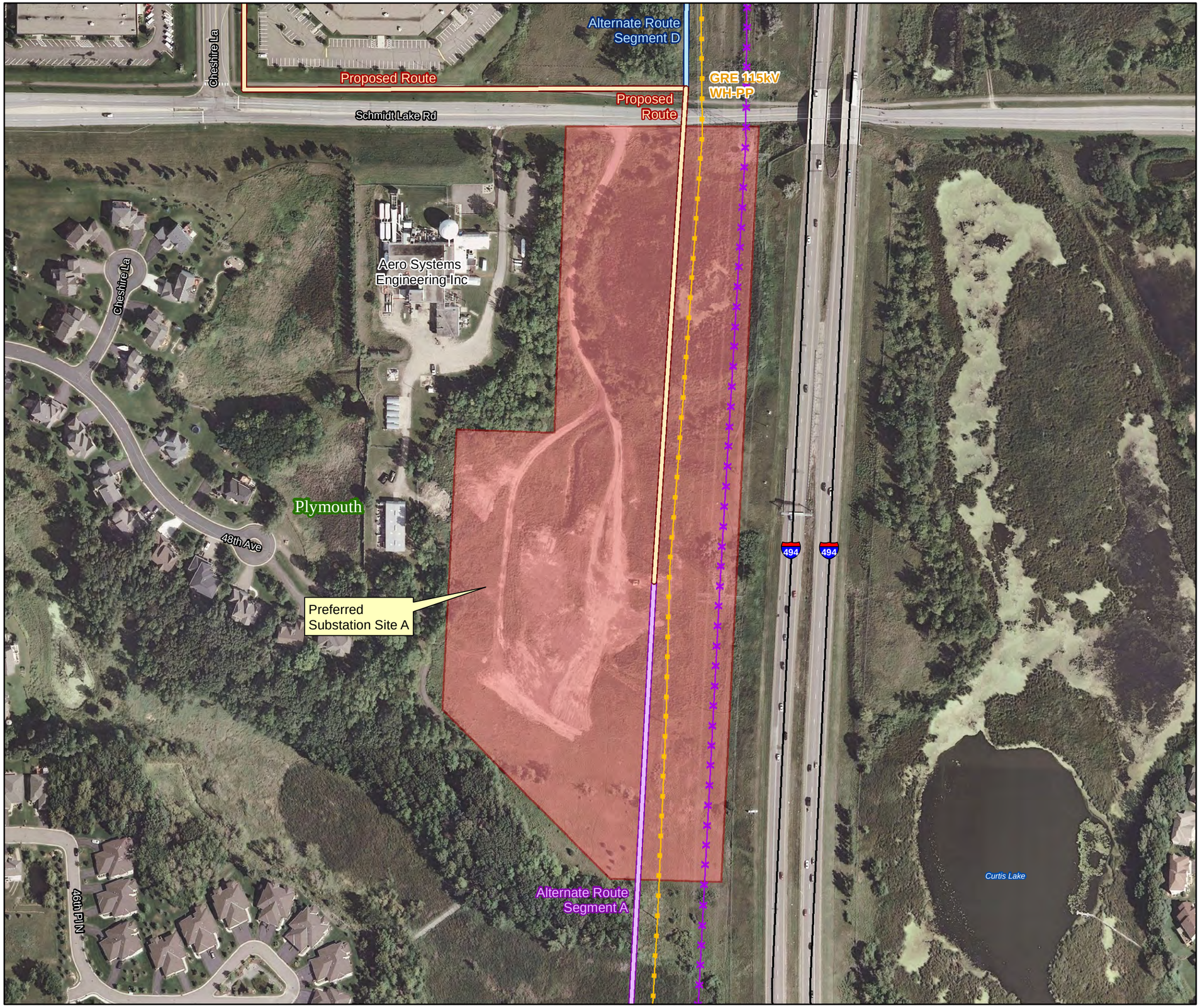
300 0 300

Figure B-4

PROJECT LOCATION - EAST PORTION OF PROJECT
Hollydale Project

Xcel Energy

PUC Docket No. E002/TL-11-152



Preferred Substation Site A

Proposed Route
(Existing Transmission Corridor)

Alternate Route Segment A

Alternate Route Segment D

Existing Xcel Energy Transmission Line

345 kV

Existing GRE Transmission Line

115 kV

Data Source:
Xcel Energy, GRE, MN DNR, MNDOT, USGS, Aerials Express 2009

N

Feet
200 0 200

Meters
60 0 60

Figure B-5

PREFERRED SUBSTATION SITE A
Hollydale Project

Xcel Energy

PUC Docket No. E002/TL-11-152

Alternate Substation Site B

Canadian Pacific / Soo Line Railroad

Proposed Route
(Existing Transmission Corridor)

Alternate Route Segment B

Existing GRE Transmission Line

69 kV

Data Source:
Xcel Energy, GRE, MN DNR, MNDOT, USGS, Aerials Express 2009

N

Feet
200 0 200

Meters
60 0 60

Figure B-6

ALTERNATE SUBSTATION SITE B
Hollydale Project

Xcel Energy®

PUC Docket No. E002/TL-11-152

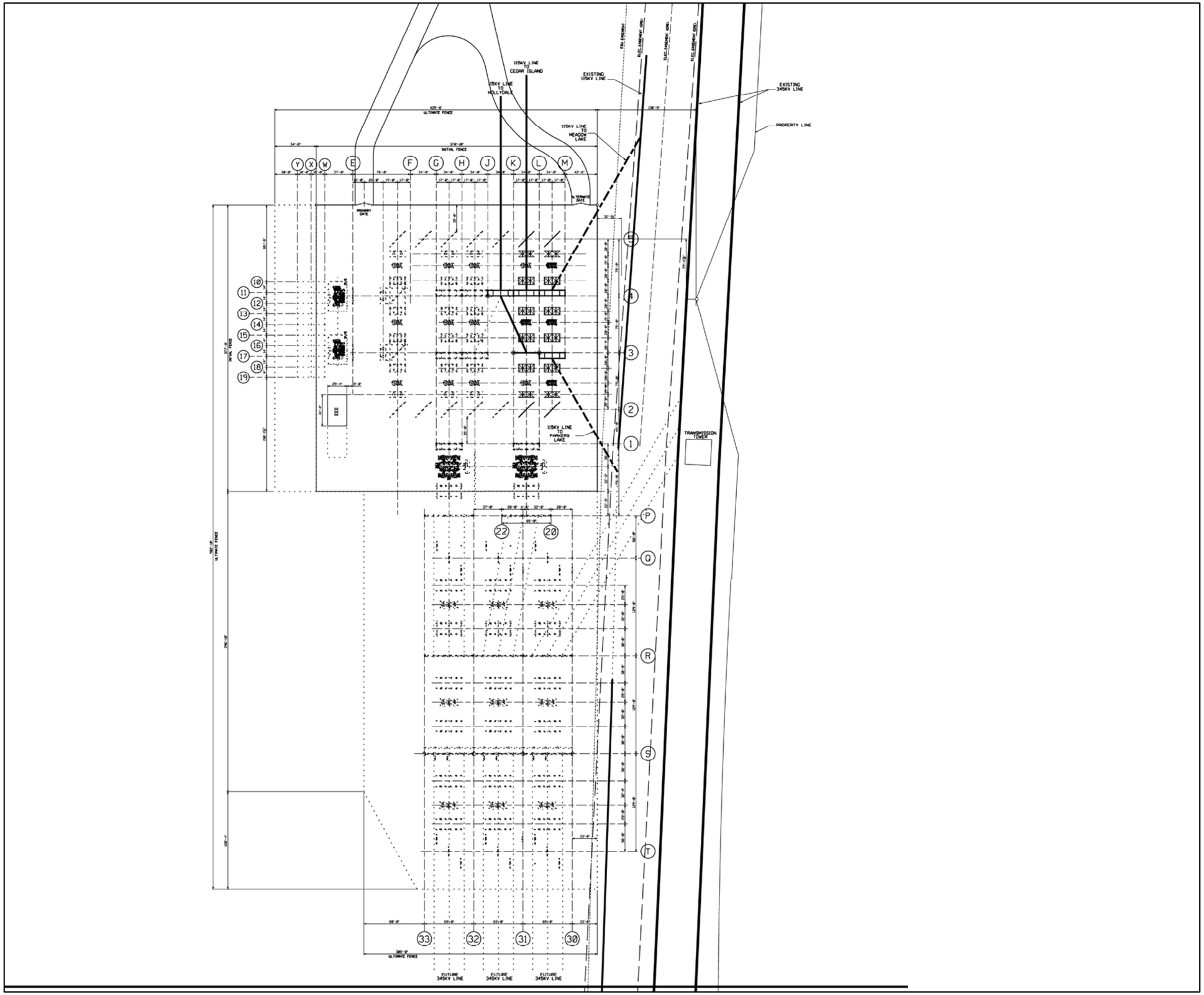


Figure B-7

PROPOSED POMERLEAU
LAKE SUBSTATION
Hollydale Project

Xcel Energy®

PUC Docket No. E002/TL-11-152

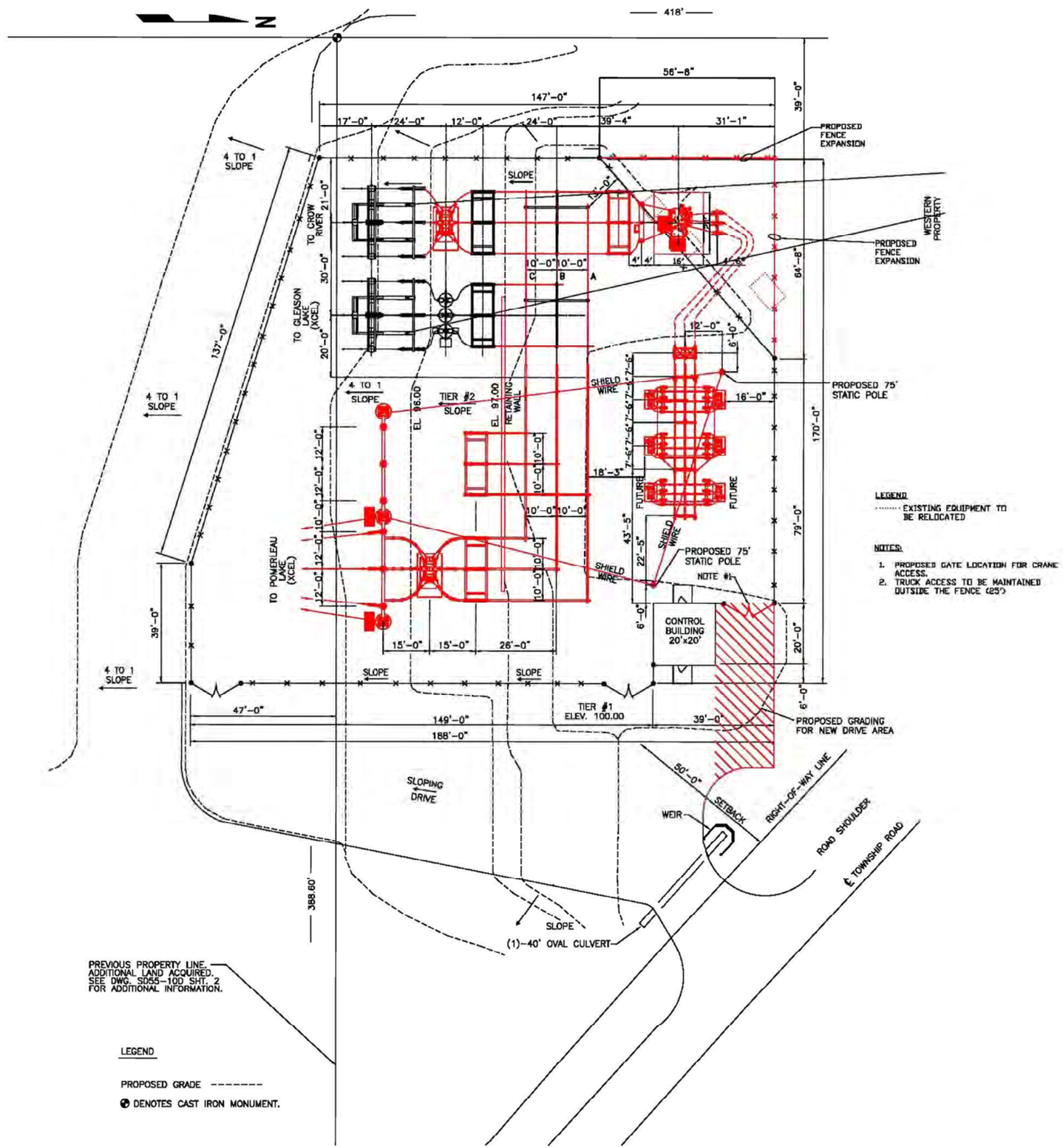


Figure B-8

MODIFICATIONS TO THE
GRE MEDINA SUBSTATION
Hollydale Project

Xcel Energy

PUC Docket No. E002/TL-11-152