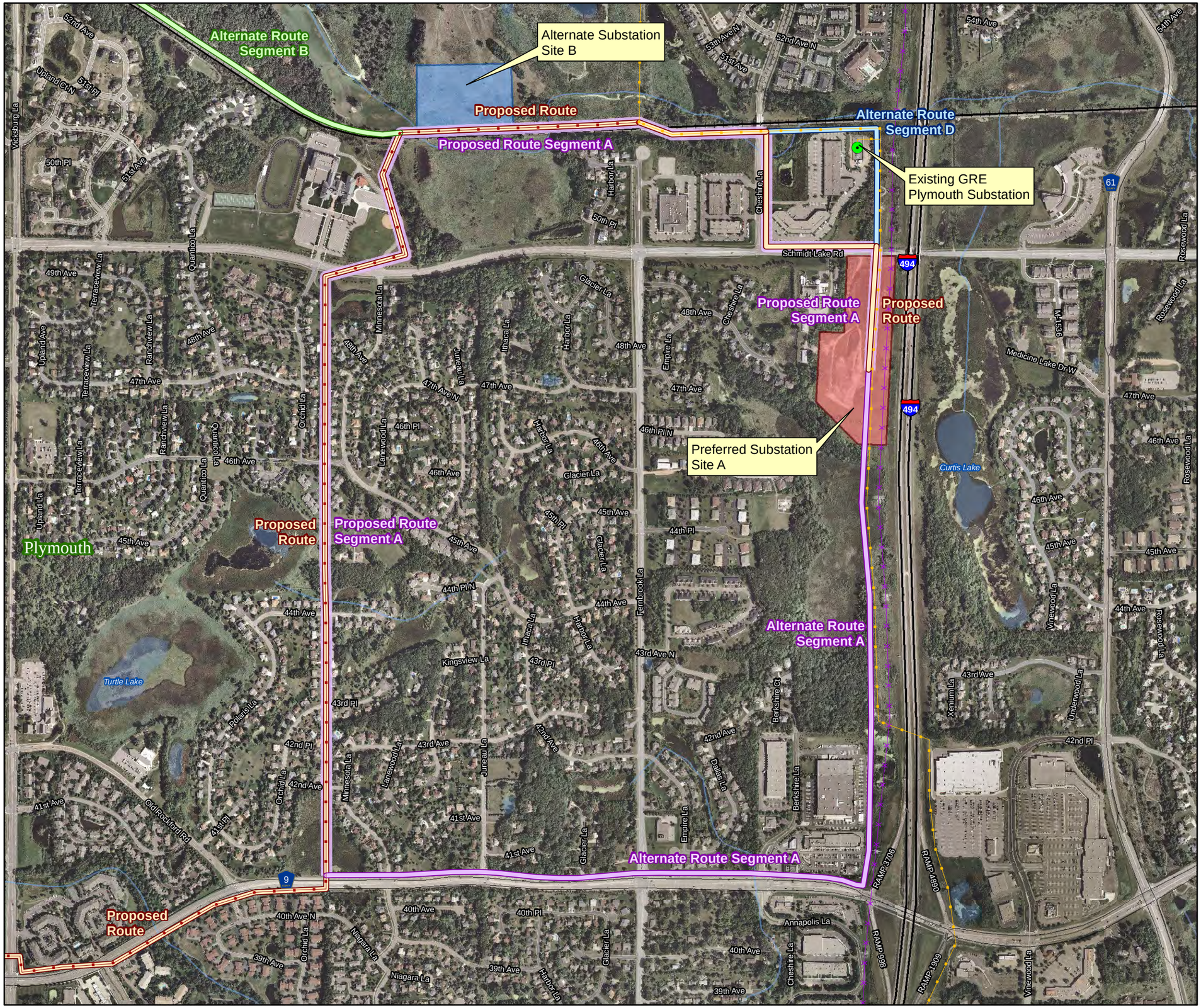
Appendix F

Maps of Proposed and Alternate Route Segments



Existing GRE Substation
Preferred Substation Site A
Proposed Substation Site B
Municipality
Railroad
Proposed Route (Existing Transmission Corridor)
Alternate Route Segment A
Alternate Route Segment B
Alternate Route Segment D
Proposed Route Segment A

Existing Xcel Energy Transmission Line
345 kV

Existing GRE Transmission Line
69 kV
115 kV

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

N

Feet
800 0 800

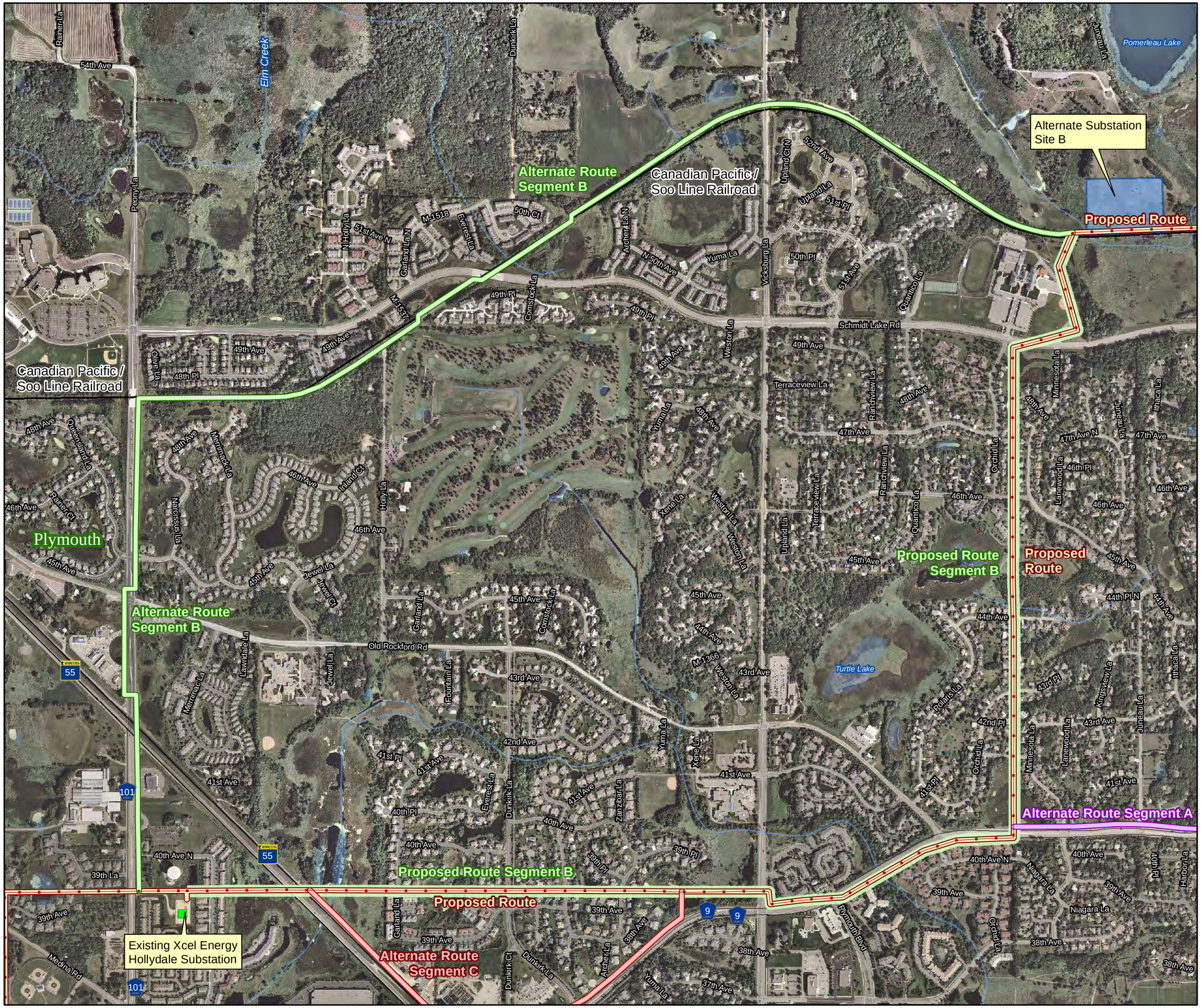
Meters
250 0 250

Figure F-1

MAP OF ALTERNATE AND PROPOSED ROUTE SEGMENT A
Hollydale Project

Xcel Energy®

PUC Docket No. E002/TL-11-152



Existing Xcel Energy Substation

Alternate Substation Site B

Municipality

Railroad

Proposed Route
(Existing Transmission Corridor)

Alternate Route Segment A

Alternate Route Segment B

Alternate Route Segment C

Proposed Route Segment B

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 F-2

MAP OF ALTERNATE AND
PROPOSED ROUTE SEGMENT B
Hollydale Project

Xcel Energy®

PUC Docket No. E002/TL-11-152

Municipality

Proposed Route
(Existing Transmission Corridor)

Alternate Route Segment C

Proposed Route Segment C

Existing GRE Transmission Line

69 kV

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

N

Feet
350 0 350

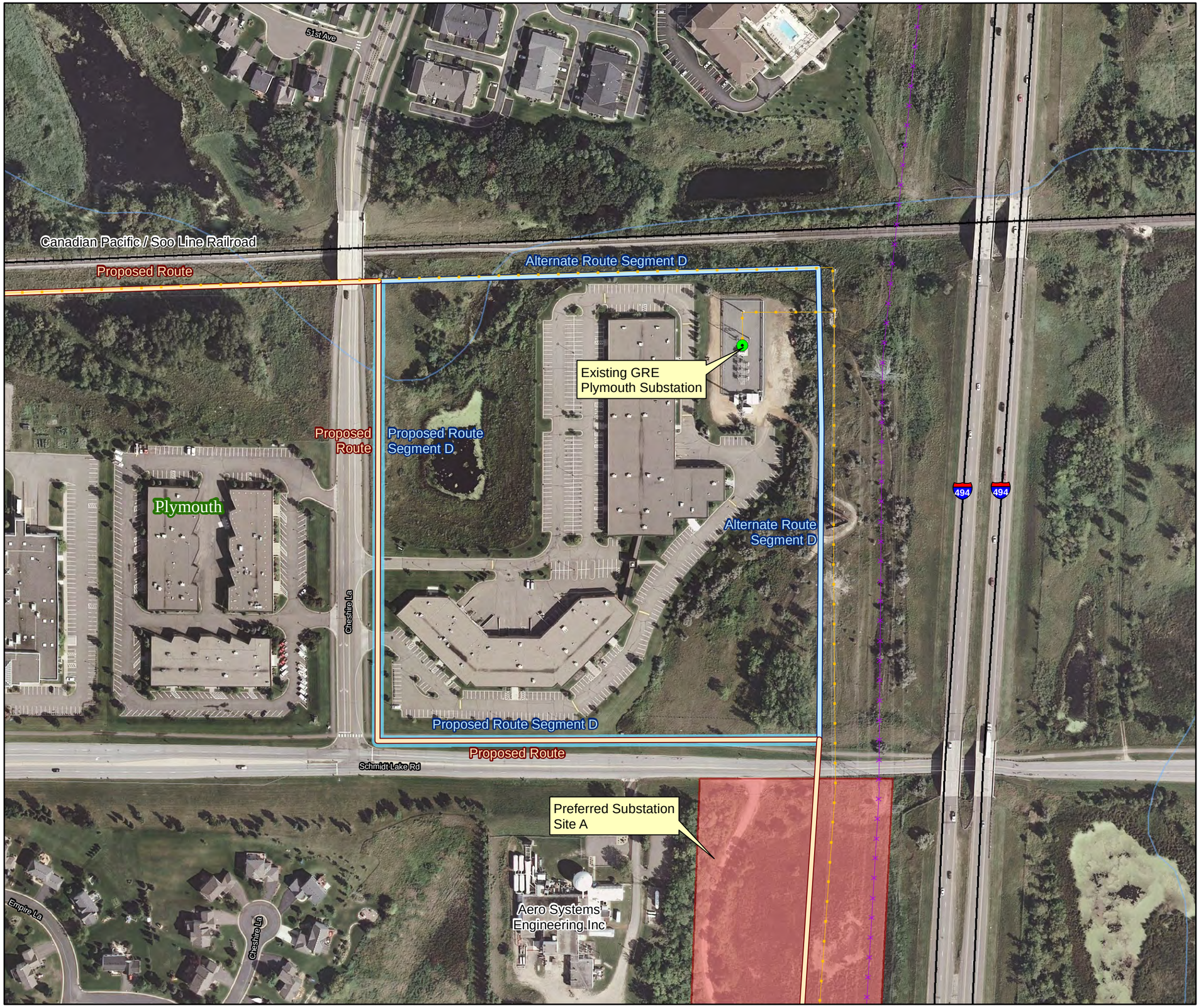
Meters
100 0 100

Figure F-3

MAP OF ALTERNATE AND
PROPOSED ROUTE SEGMENT C
Hollydale Project

Xcel Energy®

PUC Docket No. E002/TL-11-152



- Existing GRE Substation
- Preferred Substation Site A
- Municipality
- Railroad
- Proposed Route (Existing Transmission Corridor)
- Alternate Route Segment A
- Alternate Route Segment B
- Alternate Route Segment C
- Alternate Route Segment D
- Proposed Route Segment D

Existing Xcel Energy Transmission Line

- 345 kV

Existing GRE Transmission Line

- 69 kV
- 115 kV

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

N

Feet
200 0 200

Meters
60 0 60

Figure F-4

MAP OF ALTERNATE AND PROPOSED ROUTE SEGMENT D
Hollydale Project

Xcel Energy®

PUC Docket No. E002/TL-11-152