

CITY COUNCIL WORK SESSION AGENDA

AFTON CITY COUNCIL CHAMBERS

3033 St. Croix Trail South

Tuesday, July 24, 2018

At 5:00 p.m.

- 1. CALL TO ORDER**
- 2. ROLL CALL**
- 3. APPROVAL OF AGENDA – July 24, 2018 City Council Work Session**
- 4. CITY COUNCIL BUSINESS**
 - A. Xcel Energy Proposal for Substation on the Parcel in the Southwest Quadrant of Neal Avenue and 40th Street
- 5. ADJOURN**

A quorum of the City Council or Other Commissions may be present to receive information at, but not limited to, any of the following meetings: Planning Commission; the Public Works Committee; Parks Committee; Design Review and Heritage Preservation Commission; Lower St. Croix Cable Commission; LSCWMO; MSCWMO; I-94 Corridor Coalition and the 5-City Mayor's Alliance.

City of Afton
3033 St. Croix Trl, P.O. Box 219
Afton, MN 55001

Meeting Date May 30, 2018

Council Memo

To: Mayor Bend and Members of the City Council
From: Ron Moorse, City Administrator
Date: May 22, 2018
Re: Xcel Energy Proposal for Substation on the Parcel in the Southwest Quadrant of Neal Avenue and 40th Street

Xcel Energy is proposing to locate a substation on the parcel in the southwest quadrant of Neal Avenue and 40th Street. Attached are materials showing the approximate location of the substation as well as the topography of the site and the proposed location for a transmission line to connect with an existing line to the south. At the work session, Xcel Energy representatives will describe and explain the substation proposal and answer questions from the Council.

There is an existing farm access driveway that is proposed to be used to access the site from 40th Street. Due to steep slopes on both sides of the driveway, the substation proposal will involve an application for a variance for grading to widen the driveway to enable delivery of the equipment and materials needed for the construction of the substation.

South Afton Substation - Double Circuit 115 kV
Transmission Line Project:

Maps/Photos depict Potential Options for:

- Span Lengths, Structure Spacing, Structure Locations
- Structure Geometry, Approximate Pole Base Diameters

Note:

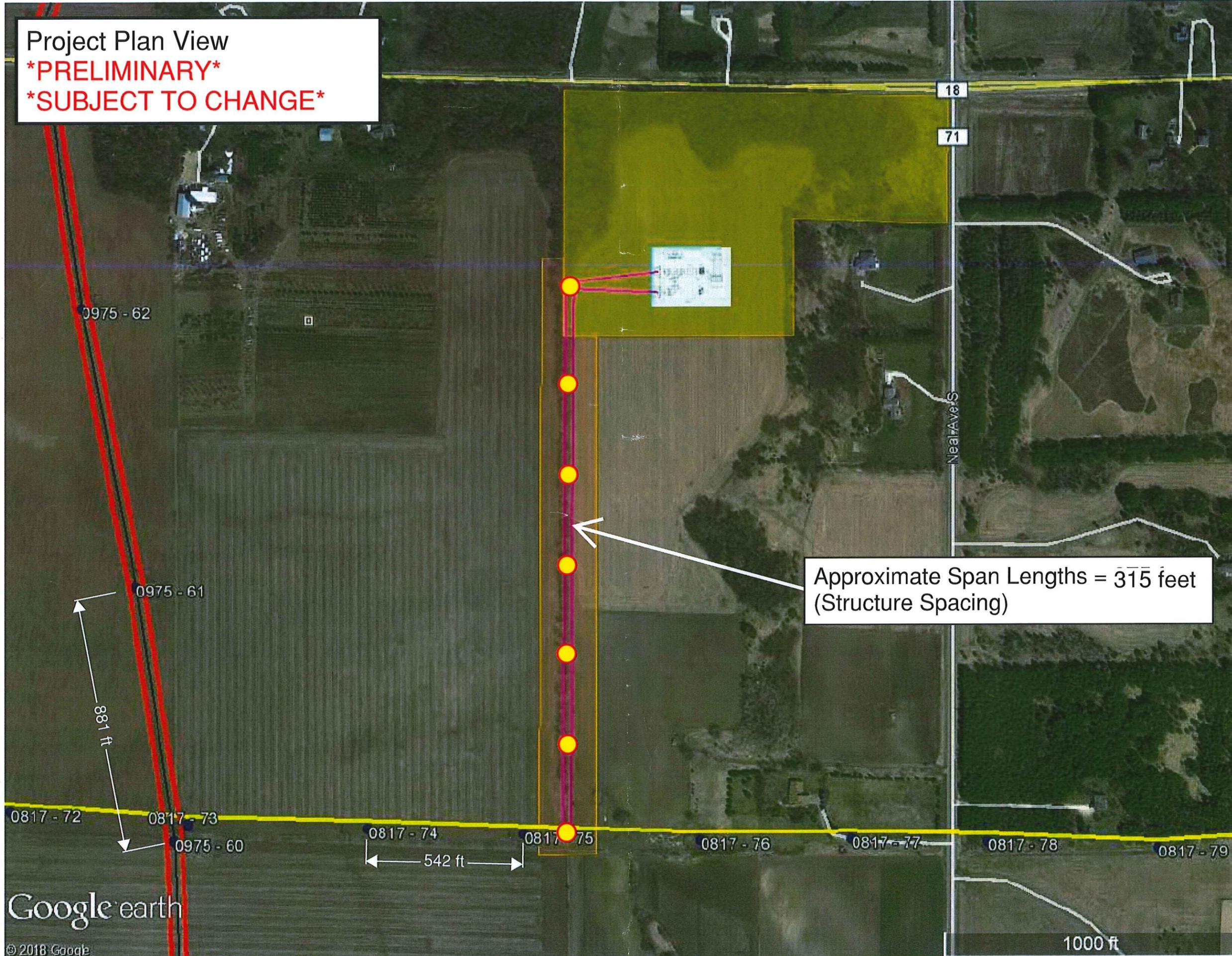
These are just potential options. They are preliminary and subject to change once the design is completed to determine the most economical design.



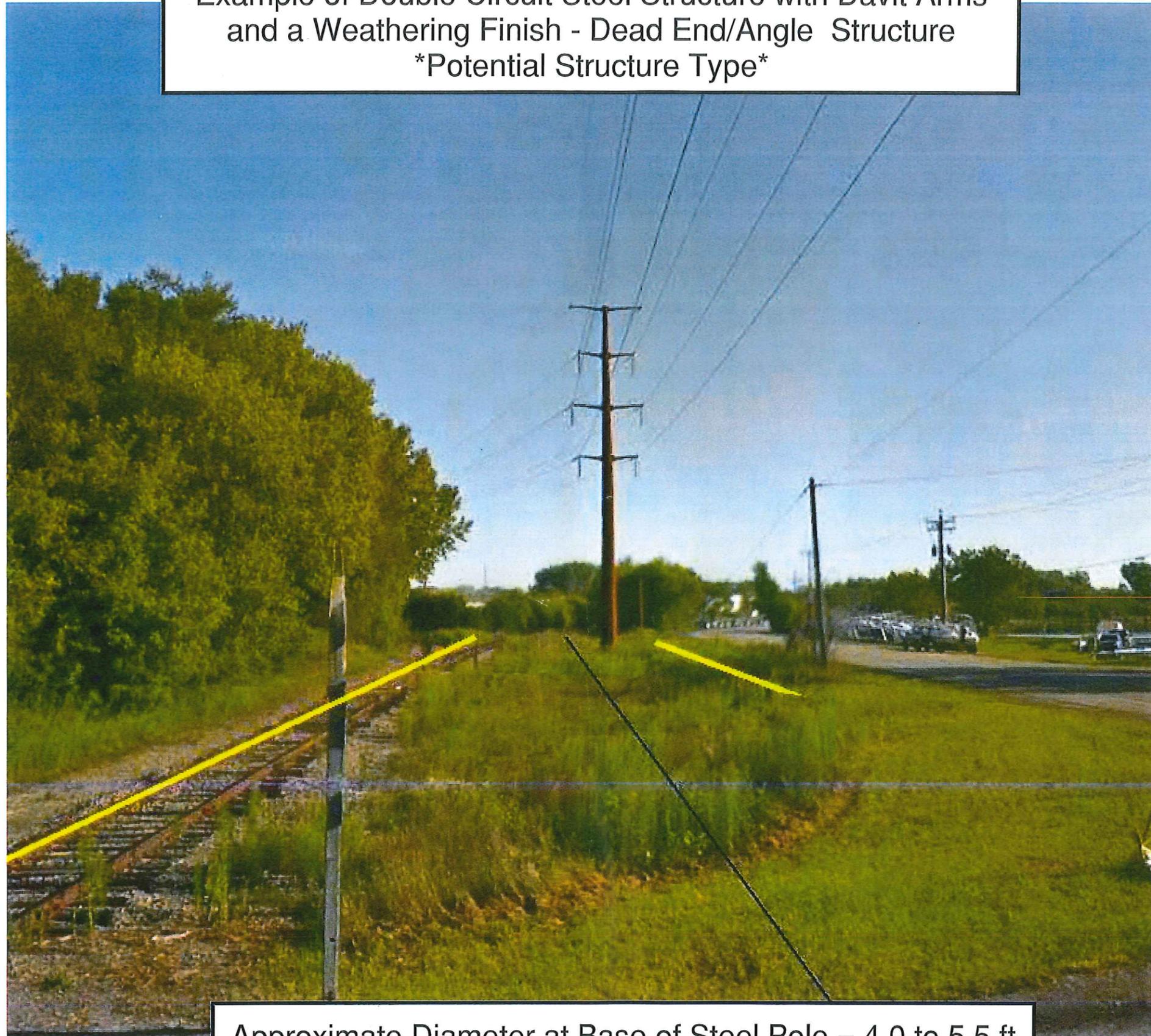
Project Plan View

PRELIMINARY

SUBJECT TO CHANGE



Example of Double Circuit Steel Structure with Davit Arms
and a Weathering Finish - Dead End/Angle Structure
Potential Structure Type



Approximate Diameter at Base of Steel Pole = 4.0 to 5.5 ft

South Afton Substation Slope Map

Legend

-  Traverse greater than or equal to 50 ft.
-  Traverse less than 50 ft.
-  Out of Project Scope
-  Slopes Greater than 18%
-  Substation Fence (approx.)
-  Subject Parcel
-  Parcel Boundary

0 100 200 400 Feet



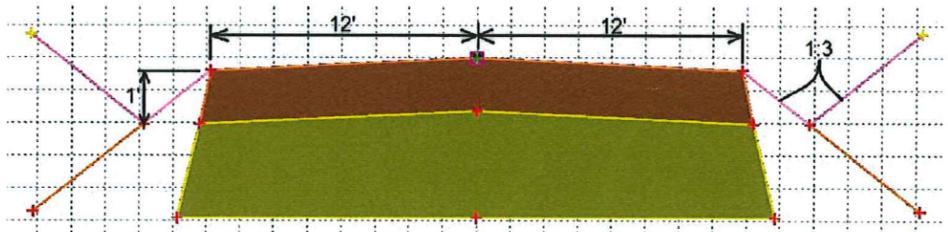
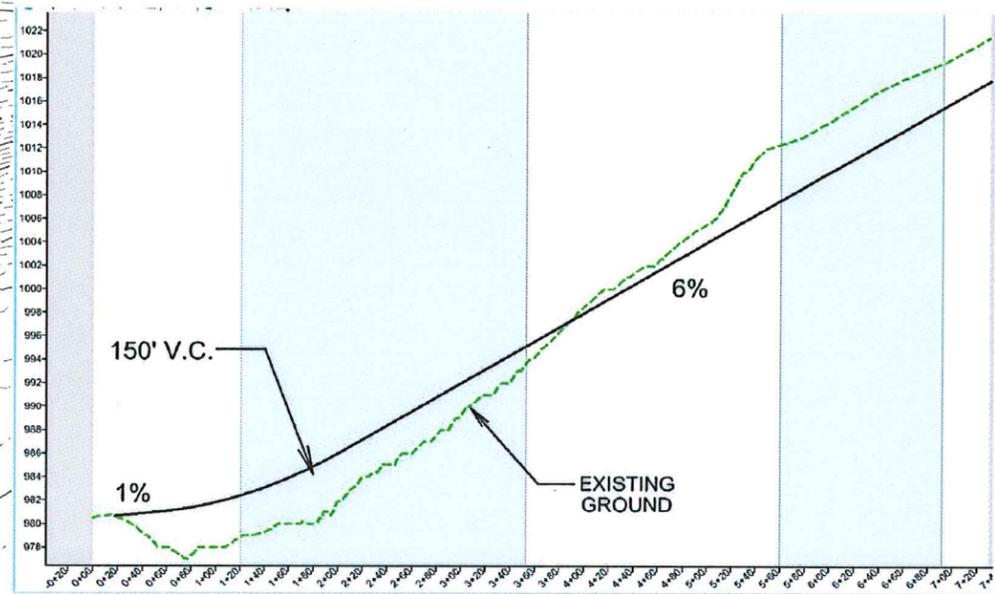
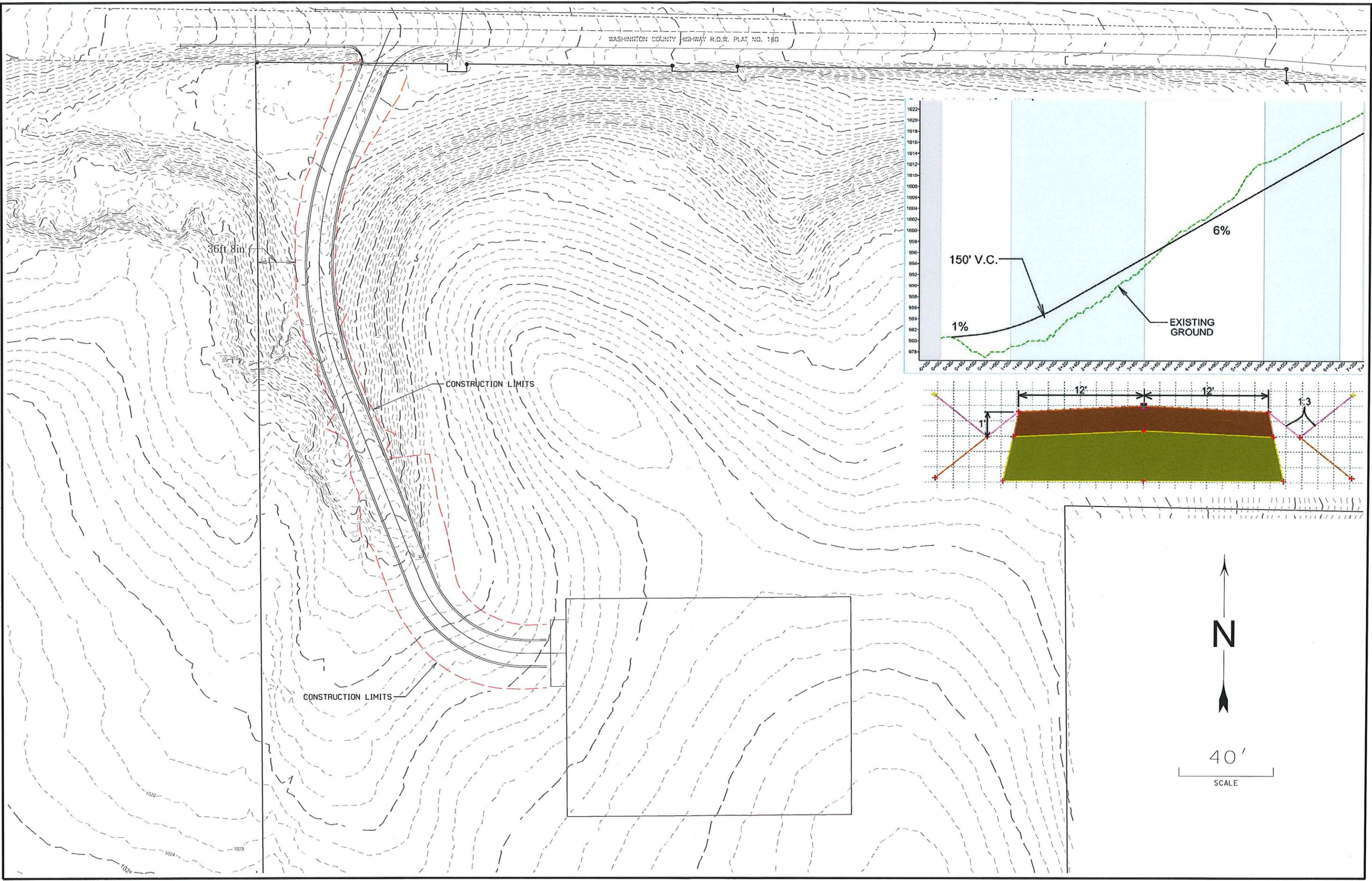
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DISCLAIMER: This information is believed to be correct but is subject to change and carries no warranty. Data courtesy of Xcel Energy, MnGEO, and Washington Co.

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community





40'
SCALE