



Legal Department

American Electric Power

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Erin C. Miller

Contract Attorney

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The Honorable Todd A. Snitchler, Chairman
Ohio Power Siting Board
180 East Broad Street
Columbus, Ohio 43215

February 20, 2012

RE: **Construction Notification**
Case No. 12-0706-EL-BNR Poston-Ross 138kV Line
(Reconductor/Rebuild Project Section III)

Dear Chairman Snitchler:

In accordance with Rules 4906-5-02 and 4906-11-02, Ohio Administrative Code ("OAC"), Ohio Power Company, aka American Electric Power ("AEP"), submits this Construction Notification. The requested start date of for the construction of this project is late March 2012 and is be completed and placed in service by May 2012.

As required by Rule 4906-11-02(C), AEP has submitted a copy of this Construction Notification to the chief executive officer of each municipal corporation and county and the head of each public agency charged with protecting the environment or of planning land use in the area in of the proposed project. Please find attached copies of cover letters that have been submitted to the Vinton County Commissioners, and the Swan and Jackson Township Administrators.

Should you have any questions, please do not hesitate to contact me.

Respectfully Submitted,

//s/ Erin C. Miller
Erin C. Miller, Counsel

Attachments

Construction Notice

for the

Poston - Ross 138kV Line

Reconductor/Rebuild Project Section 3

Submitted by

American Electric Power

To

The State of Ohio Power Siting Board

February, 2012

CONSTRUCTION NOTICE

In accordance with Ohio Administrative Code Section 4906-11-02 Construction Notice Requirements, American Electric Power submits the following information:

4906-11-02(B)

(1) Name of the Project

The name of this project is the Poston - Ross 138kV Line Reconductor/Rebuild Project Section 3.

(2) Description of this Project

American Electric Power must reconductor an existing 138 kV single circuit transmission line in Southern Ohio. The existing 3)636,000 cm ACSR (Aluminum Conductor Steel Reinforced) 26/7 strand conductor will be replaced with 3)1,033,500 cm ACSR (Aluminum Conductor Steel Reinforced) 54/7 strand conductor from Boring Rd to Goosecreek Rd covering 4.35 miles. No additional right of way easements will be required for this reconductoring project. This project meets the requirements of a Construction Notice as stated in Rule 4906-1-01 Appendix A, Item 3. Replacing conductors on existing conductors with larger conductors. This is the 3rd continuation to the overall plans to rebuild the entire Poston – Ross 138kV line.

(3) Need

Due to increasing electrical load growth in the Southern Ohio area, American Electric Power must reconductor an existing 138 kV single circuit transmission line. Due to deterioration and increased structure loading, existing structures will be replaced one for one with like structures throughout the project.

(4) Construction Schedule

This section of the reconductoring project is expected to begin in mid March 2012 and be completed and placed in service in Late May 2012.

(5) Estimated Cost

The cost for this project is estimated to be \$1,831,000.

(6) Technical Features

The existing 3) 636,000 ACSR (Aluminum Conductor Steel Reinforced) 26/7 strand conductors have a diameter of 0.990” and a weight of 0.874 lb/ft. These conductors will be replaced with 3) 1,033,500 cm ACSR (Aluminum Conductor Steel Reinforced) 54/7 strand conductors having a diameter of 1.245” and a weight of 1.330#/ft. The existing structures will be checked to AEP and NESC standards and replaced on a one for one basis to meet current clearance and load design. Highway crossing permits will be obtained from the Ohio Department of Transportation for all crossings. A SWPPP permit will be filed for this project with the Environmental Protection Agency.

(7) Maps

The line is located in Southeast Ohio. It starts at Boring Road then travels 4.35 miles west to Goosecreek Road.

4906-11-02(C) Notification

Copies of this Construction Notice have been sent to the Vinton County Commissioners, and the Swan and Jackson Township Administrators.

Poston-Ross 138kV

Install culvert crossing

Poston - Ross 138 kV Line

104

105

106

107

KEY

Silt Fence

.....

Compost Sock

Access

Stream

■

Wetland Matting

■

Wetland

■

Slope Stability

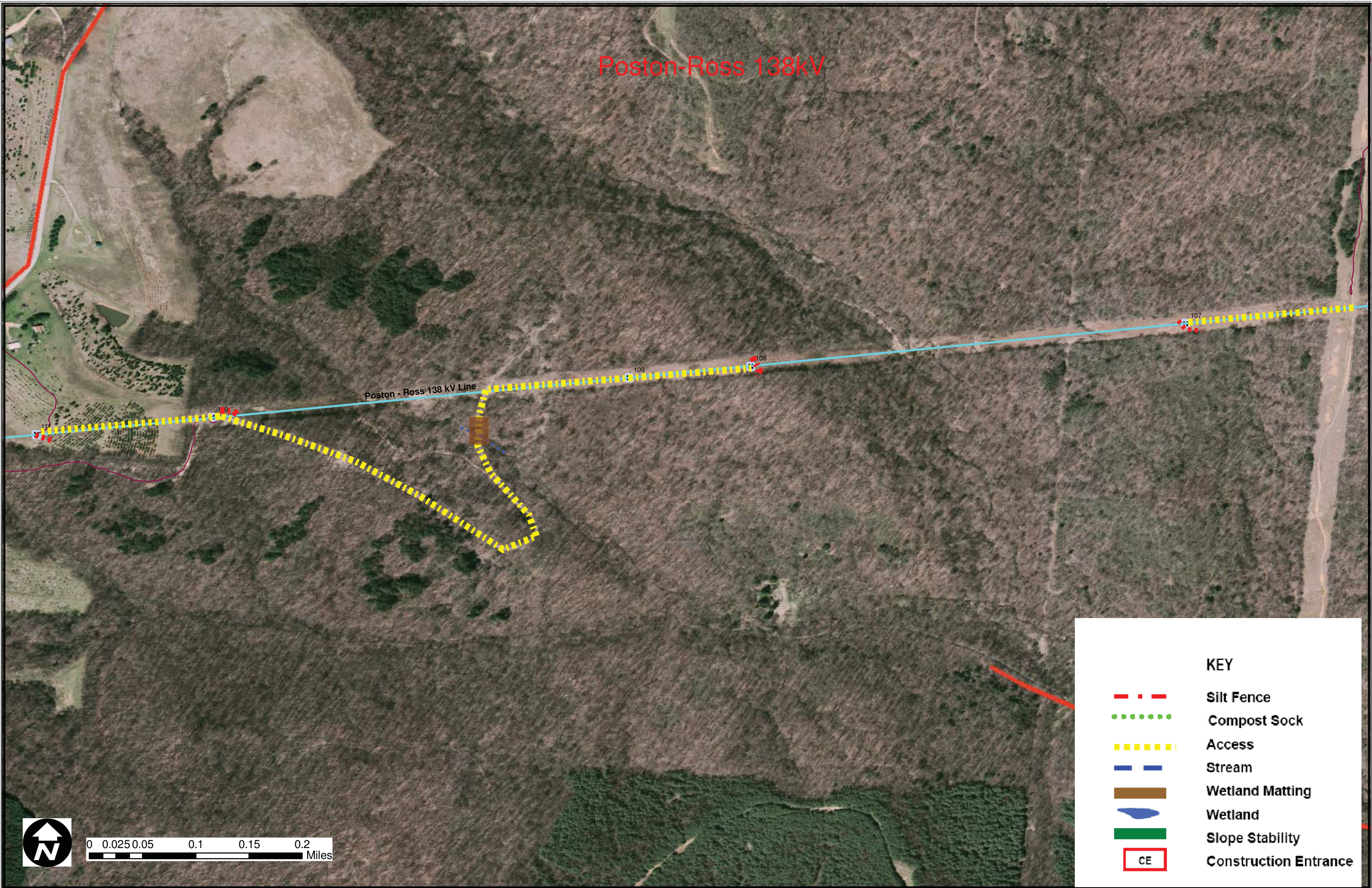
CE

Construction Entrance



0 0.020.04 0.08 0.12 0.16 Miles

Poston-Ross 138kV



Poston - Ross 138 kV Line



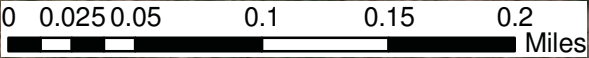
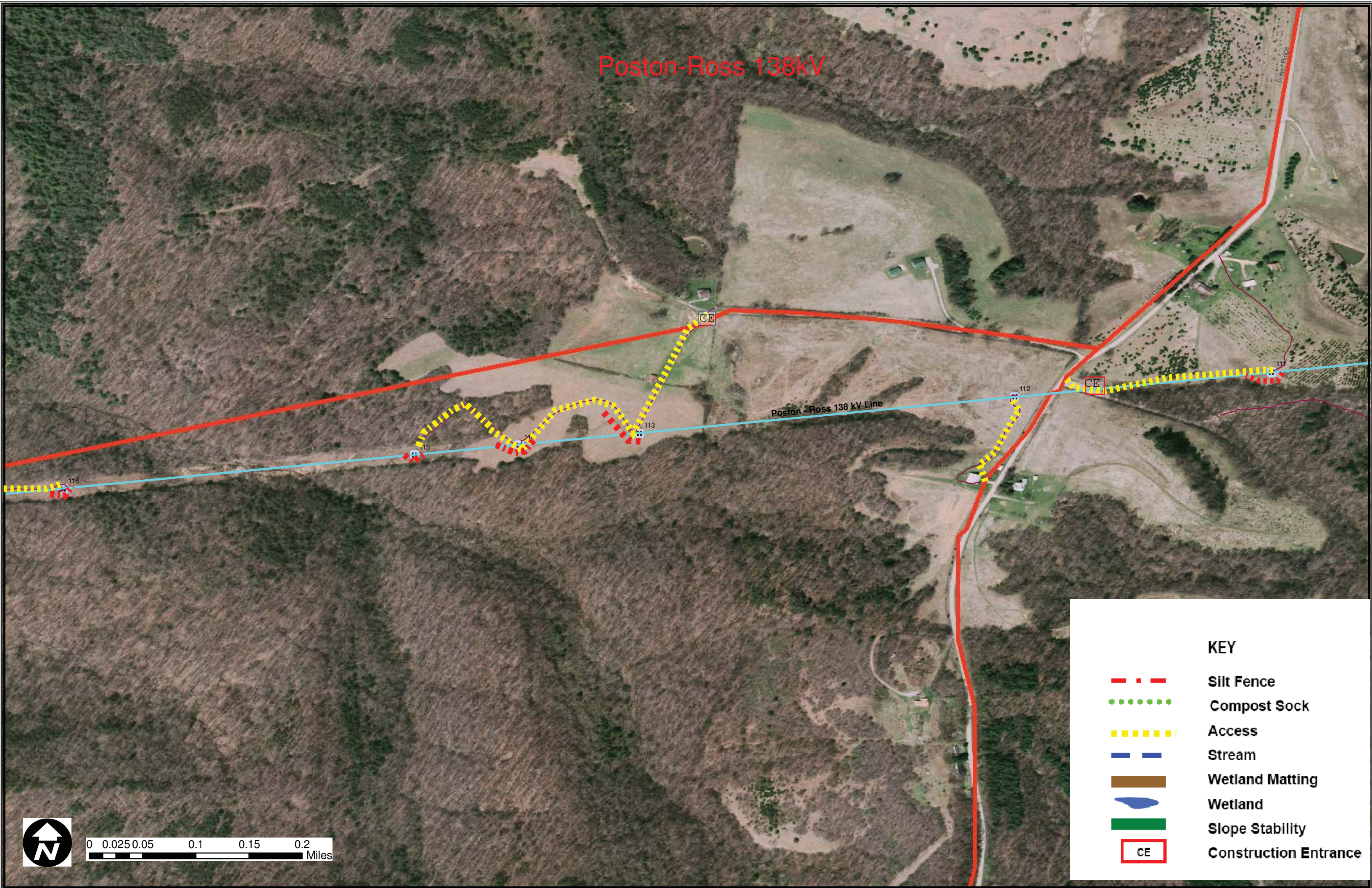
0 0.025 0.05 0.1 0.15 0.2 Miles

KEY



- Silt Fence
- Compost Sock
- Access
- Stream
- Wetland Matting
- Wetland
- Slope Stability
- Construction Entrance

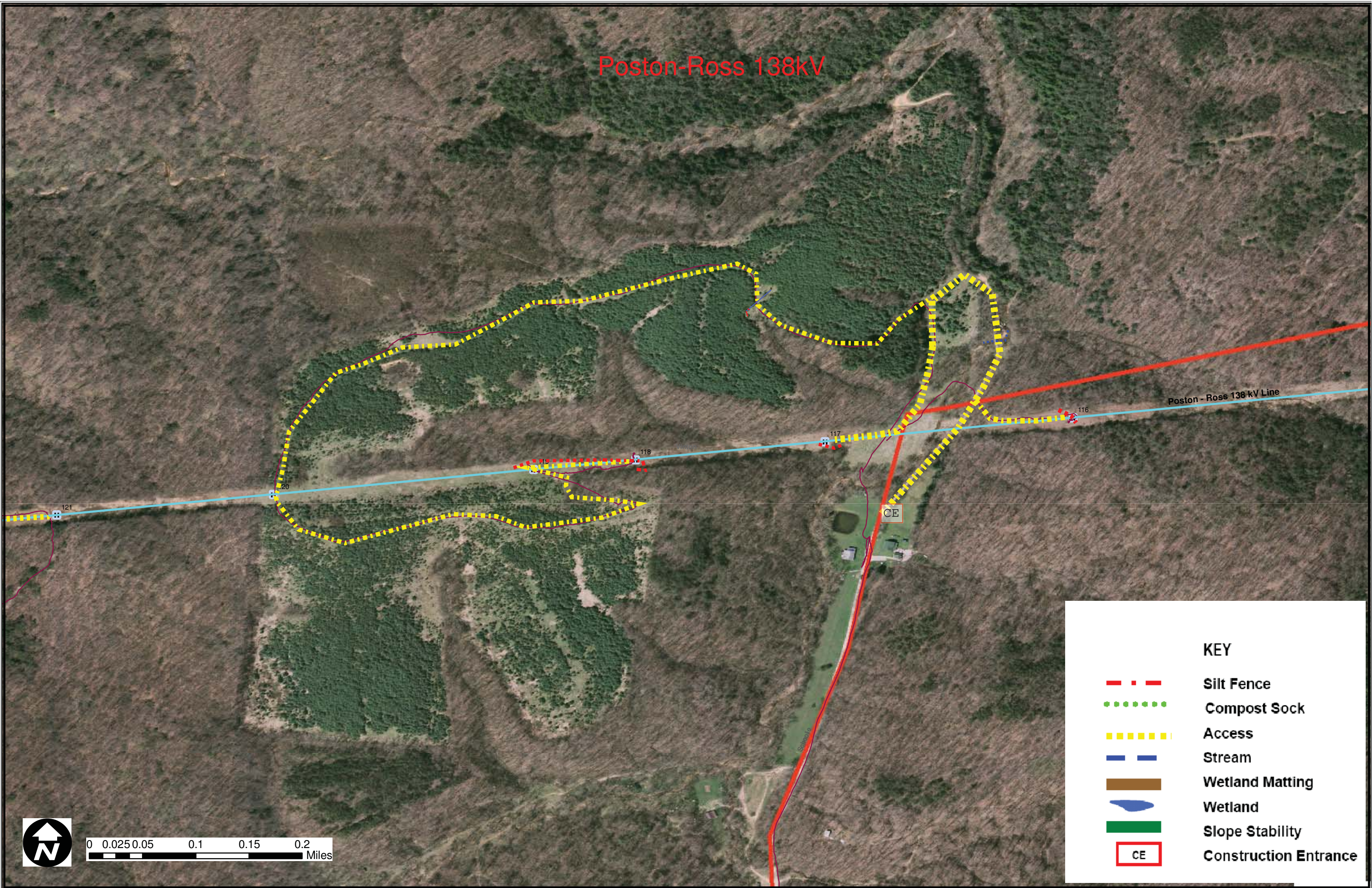
Poston-Ross 138kV



KEY

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Poston-Ross 138kV



Poston - Ross 138 kV Line

KEY



Silt Fence



Compost Sock



Access



Stream



Wetland Matting



Wetland

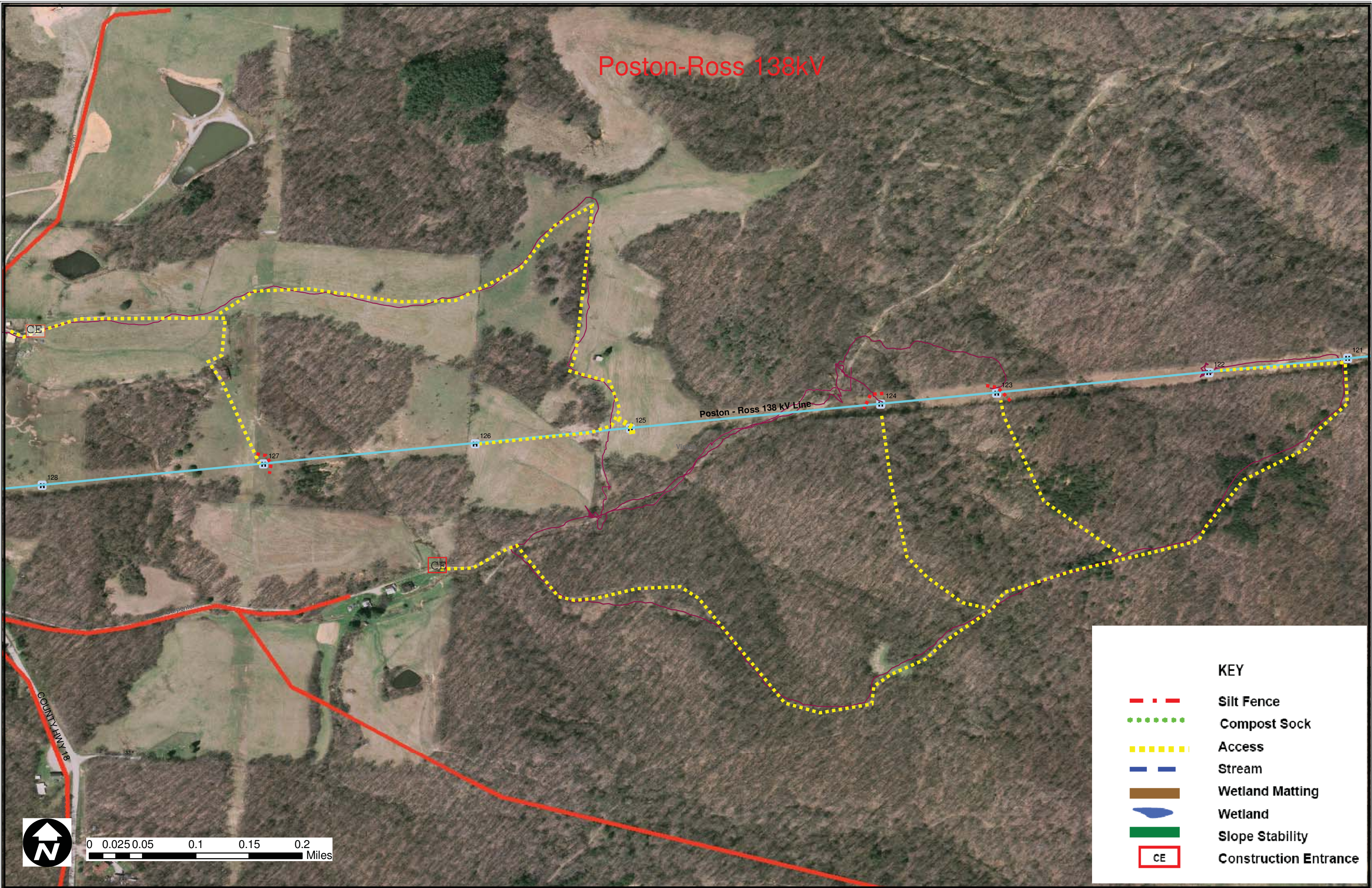


Slope Stability



Construction Entrance

Poston-Ross 138kV



Poston - Ross 138 kV Line

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- Construction Entrance



0 0.025 0.05 0.1 0.15 0.2 Miles



American Electric Power
700 Morrison Road
Gahanna, OH 43230

February 2, 2012

Jackson Township Adminstrators
Bonnie Betts
Cecil Reid
Charles Harper
Kayle Teeters
30167 Garrett Ridge Road
McArthur, OH 45651

**Construction Notice
Poston - Ross
Reconductor/Rebuild Project**

Dear Administrators:

In accordance with Chapter 4906 of the Ohio Administrative Code, the Ohio Power Company is required to submit a Construction Notice to the State of Ohio Power Siting Board whenever a change is made to our transmission facilities.

American Electric Power must reconductor an existing 138kV single circuit transmission line in Southern Ohio

In compliance with Rule 4906-11-02 of the OPSB Rules and Regulations, we have prepared and filed the attached Construction Notice. This Notice contains details on the line location, project description and construction schedule, and is submitted for your information.

Cordially,

A handwritten signature in black ink, appearing to read 'Matthew D Hales', is written over a horizontal line.

Matthew D Hales, PE
Transmission Line Engineering



American Electric Power
700 Morrison Road
Gahanna, OH 43230

February 2, 2012

Vinton County Commissioners
Angela Horn
100 East Main Street
McArthur, Ohio 45651

**Construction Notice
Poston - Ross
Reconductor/Rebuild Project**

Dear Commissioners:

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Matthew D Hales, PE
Transmission Line Engineering



American Electric Power
700 Morrison Road
Gahanna, OH 43230

February 2, 2012

Swan Township Adminstrators
Beverly Goheen
Randall Trainer
Richard Faulkner
Roger Bentley
23290 Locust Grove Road
Creola, OH 45622

**Construction Notice
Poston - Ross
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Matthew D Hales, PE
Transmission Line Engineering

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

2/21/2012 10:51:59 AM

in

Case No(s). 12-0706-EL-BNR

Summary: Notice of Construction Poston-Ross 138k V Line (Reconsuctor/Rebuild Project
Section III electronically filed by Erin C Miller on behalf of AEP Ohio Transmission Company,
Inc.