



## *Legal Department*

**American Electric Power**

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Columbus, OH 43215  
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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

July 26, 2012

RE: **Construction Notification**  
Poston-Ross 138kV Line (Reconductor/Rebuild Project Section IV)  
Case No. 12-2167-EL-BNR

Dear Chairman Snitchler:

In accordance with Rules 4906-5-02 and 4906-11-02, Ohio Administrative Code ("OAC"), AEP Ohio Transmission Company ("AEP Transco"), submits this Construction Notification. The requested start date for the construction of this project is October 2012. This project is expected to be completed and placed in service by May 2013.

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 Eagle 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 4

Submitted by

AEP Ohio Transmission Company

To

The State of Ohio Power Siting Board

July, 2012

## **CONSTRUCTION NOTICE**

In accordance with Ohio Administrative Code Section 4906-11-02 Construction Notice Requirements, AEP Ohio Transmission Company 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 4.

#### **(2) Description of this Project**

American Electric Power must reconduct 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 Goosecreek Rd to Clark Hollow Road covering 8.5 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 4<sup>th</sup> 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 recondutor 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 project is expected to begin in October 2012 and be completed and placed in service in May 2013.

**(5) Estimated Cost**

The cost for this project is estimated to be \$3,580,000.

**(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 Goosecreek Road then travels 8.5 miles west to Clark Hollow Road.

**4906-11-02(C) Notification**

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



American Electric Power  
700 Morrison Road  
Gahanna, OH 43230

July 24, 2012

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

**Construction Notice  
Poston – Ross 138kV Line  
Reconductor/Rebuild Project**

Dear Commissioners:

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 purple ink, reading "Jeremy R. Cress", is positioned above the printed name.

Jeremy R Cress, PE  
Transmission Line Engineering



American Electric Power  
700 Morrison Road  
Gahanna, OH 43230

July 24, 2012

Eagle Township Administrators  
Jack Vanover, Jr.  
Olan Wilt  
Rodney Chad Amerine  
Tina Richendollar  
28634 St Rt 327  
Londonderry, OH 45647

**Construction Notice  
Poston – Ross 138kV Line  
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

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Cordially,

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Jeremy R Cress, PE  
Transmission Line Engineering



American Electric Power  
700 Morrison Road  
Gahanna, OH 43230

July 24, 2012

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

**Construction Notice  
Poston – Ross 138kV Line  
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.

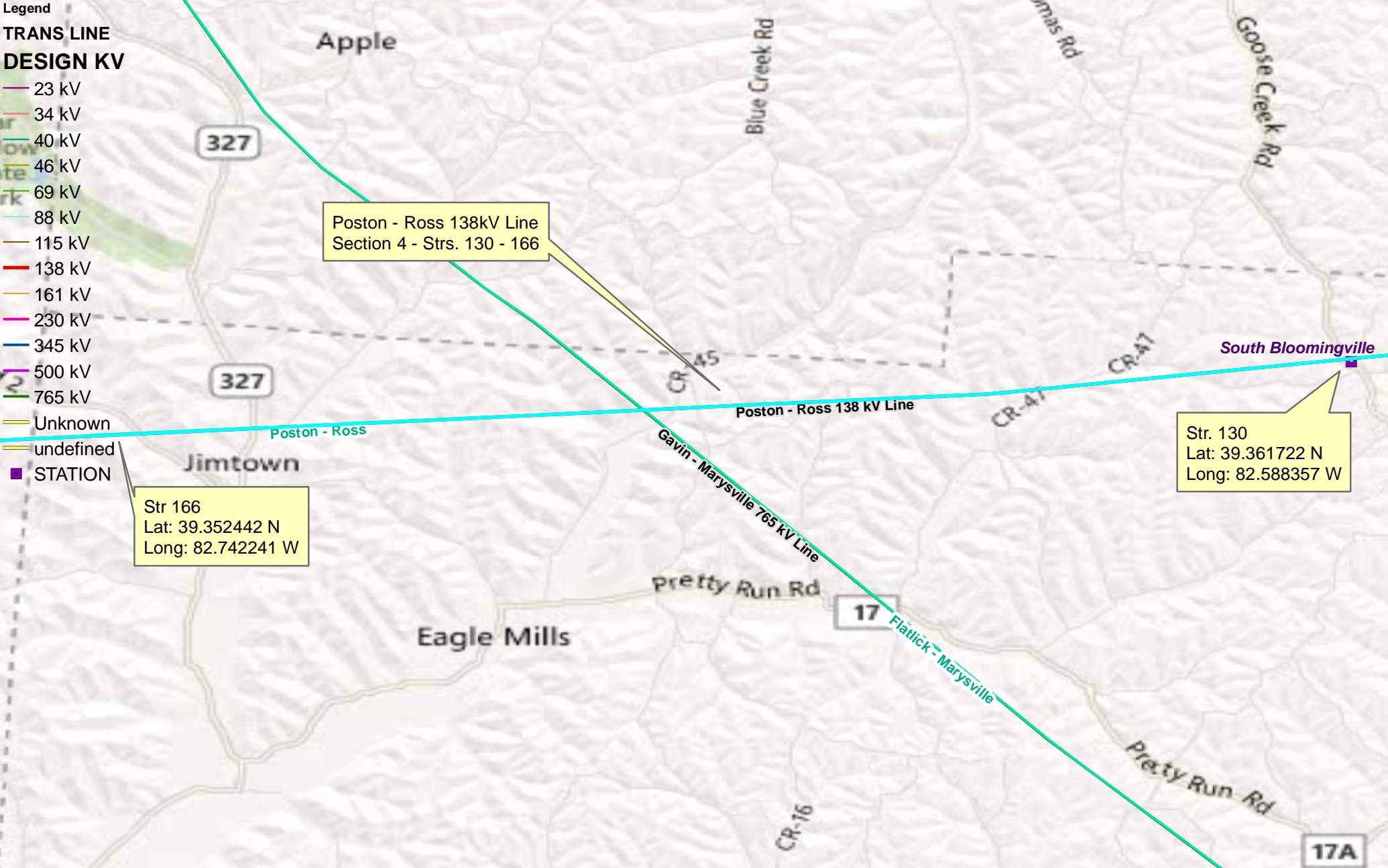
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Transmission Line Engineering



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|---|--|--|--|---|
|   | <h2>Section 4</h2> <h3>Jackson and Eagle Townships, Vinton County, Ohio</h3> |  | <b>Poston Ross 138kV Line</b>  |   |
|   |  |  | Transmission Line Engineering Group  |   |
|   |  |  | <small>Source: American Electric Power, ESRI<br/>Projection:<br/>Comments:</small> | <small>Drawn By:<br/>Date:<br/>Approved By:</small> |
| <small>This drawing from the Transmission Line Projects Engineering Group of American Electric Power is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure, or distribution is prohibited. If you are not the intended recipient, please contact the sender and destroy all copies of the original document.</small> |  |  |  |   |

**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**7/26/2012 4:35:52 PM**

**in**

**Case No(s). 12-2167-EL-BNR**

Summary: Notice Construction Poston-Ross electronically filed by Erin C Miller on behalf of AEP Ohio Transmission Company, Inc.