



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

September 5, 2012

RE: **Construction Notification**
Poston-Ross 138kV Line (Reconductor/Rebuild Project Section V)
Case No. 12-2446-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 and Ross County Commissioners, and the Eagle, Springfield and Harrison 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 5

Submitted by

AEP Ohio Transmission Company

To

The State of Ohio Power Siting Board

September 2012

CONSTRUCTION NOTICE

In accordance with Ohio Administrative Code Section 4906-11-02 Construction Notice Requirements, AEP Ohio Transmission Company (“AEP Transco”) 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 5.

(2) Description of this Project

AEP Transco 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 Clark Hollow Rd to Narrows Road, covering 11.4 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 5th continuation to the overall plan to rebuild the entire Poston – Ross 138kV line.

(3) Need

Due to increasing electrical load growth in the Southern Ohio area, AEP Transco 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 October 2012 and be completed and placed in service in May 2013.

(5) Estimated Cost

The cost for this project is estimated to be \$4,900,000.

(6) Technical Features

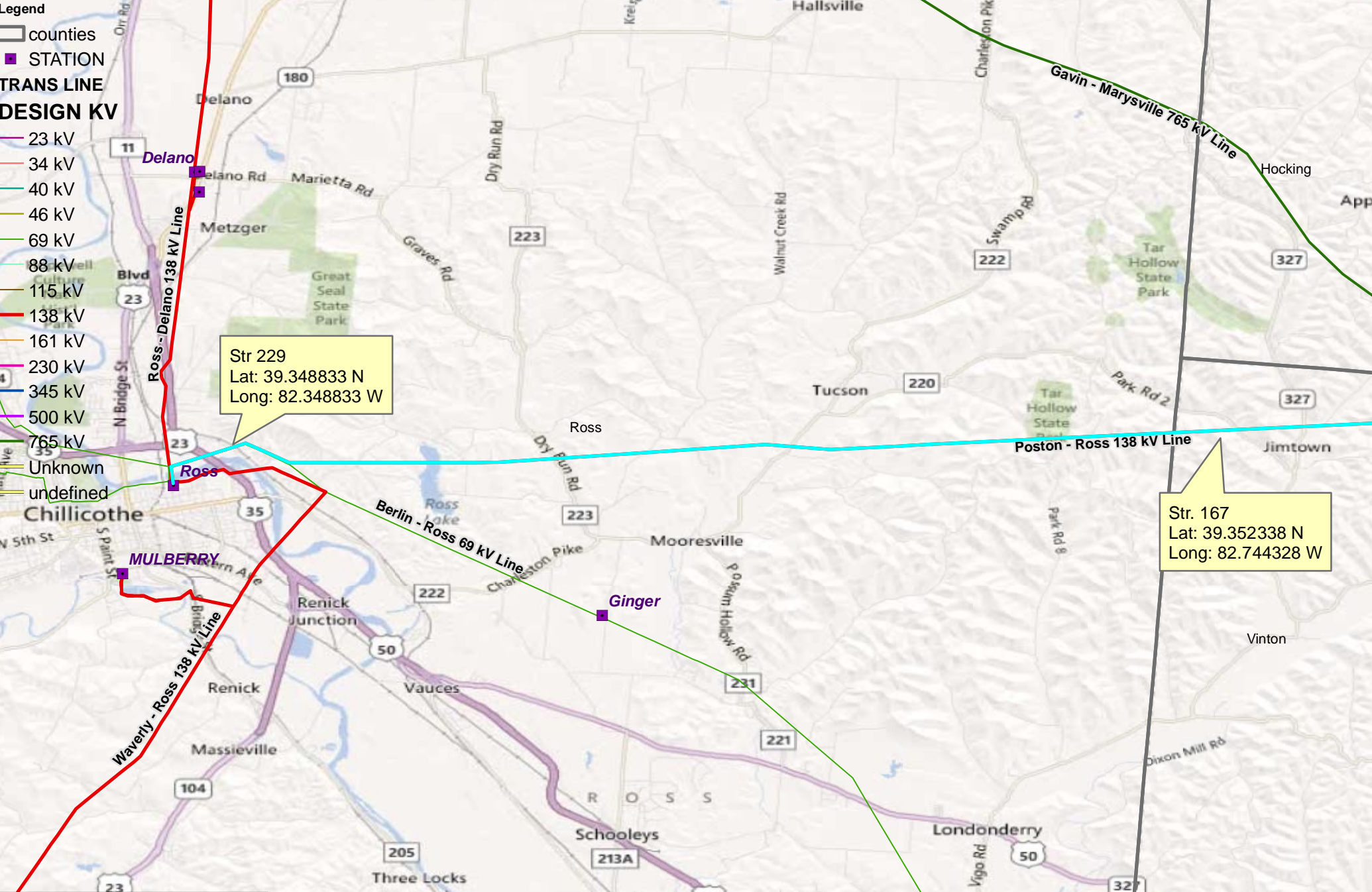
The existing 3) 636,000 ACSR (Aluminum Conductor Steel Reinforced) 26/7 strand conductors have a diameter of 0.990" and a weight of 0.874 lb/ft. These conductors will be replaced with 3) 1,033,500 cm ACSR (Aluminum Conductor Steel Reinforced) 54/7 strand conductors having a diameter of 1.245" and a weight 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 Clark Hollow Road then travels 11.4 miles west to Narrows Road.

4906-11-02(C) Notification

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



 	<h3>Section 5 (Str 166 - 229)</h3> <p>Springfield and Harrison Townships, Ross County, Ohio Eagle Township, Vinton County, Ohio</p>		Poston - Ross 138kV Line	
			Transmission Line Engineering Group	
			<small>Source: American Electric Power, ESRI Projection: Comments:</small>	<small>Drawn By: Date: 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>				



American Electric Power
700 Morrison Road
Gahanna, OH 43230

Sept. 5, 2012

Ross County Commissioners
James M. Caldwell
R. Douglas Corcoran
Frank Hirsch
2 N. Paint Street
Chillicothe, OH 45601

**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 below the word 'Cordially,'.

Jeremy R Cress, PE
Transmission Line Engineering



American Electric Power
700 Morrison Road
Gahanna, OH 43230

Sept. 5, 2012

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

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

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Jeremy R Cress, PE
Transmission Line Engineering



American Electric Power
700 Morrison Road
Gahanna, OH 43230

Sept. 5, 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 (Section 5)
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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Jeremy R Cress, PE
Transmission Line Engineering



American Electric Power
700 Morrison Road
Gahanna, OH 43230

August 28, 2012

Harrison Township Administrators
Thomas D. Dewhurst
Arther Jones Jr.
Claude F. Gray
7867 Charleston Pike
Chillicothe, OH 45601

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

Dear Administrators:

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Cordially,

A handwritten signature in blue 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

Springfield Township Administrators
Mike Miller
Chuck Schader
Roy Hertenstein
466 Schrader Rd
Chillicothe, OH 45601

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

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Jeremy R Cress, PE
Transmission Line Engineering

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

9/5/2012 1:02:25 PM

in

Case No(s). 12-2446-EL-BNR

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