



Legal Department

American Electric Power  
1 Riverside Plaza  
Columbus, OH 43215-2373  
AEP.com

January 14, 2014

Ms. Betty McCauley  
Director, Administration Department  
Secretary to the Commission  
Docketing Division  
The Public Utilities Commission of Ohio  
Ohio Power Siting Board  
180 East Broad Street  
Columbus, Ohio 43215

Yazen Alami, Esq.  
Regulatory Services  
(614) 716-2920 (P)  
(614) 716-2950 (F)  
yalami@aep.com

Re: Construction Notice: Howard – (Melmore) – Fostoria 138kV Transmission  
Line Project Case Number 14-0054-EL-BNR

Dear Ms. McCauley:

In accordance with rules 4906-5-02(B) and 4906-11-02, Ohio Administrative Code ("OAC"), AEP Ohio Transmission Company ("AEP Ohio Transco") submits this Construction Notice. Construction of the project is scheduled to begin in March 2014 with an estimated completion date of the temporary re-route in April 2014 and the permanent in and out configuration to the station energized by summer 2015.

As required by rule 4906-11-02(C), OAC, AEP Ohio Transco has submitted a copy of this Construction Notice 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 which the proposed project will be located. Copies of these letters are also attached.

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

Respectfully submitted,

/s/ Yazen Alami  
Yazen Alami

Attachments

**CONSTRUCTION NOTICE**

**FOR THE**

**HOWARD – (MELMORE) – FOSTORIA 138KV  
TRANSMISSION LINE PROJECT**

**PUCO Case No. 14-0054-EL-BNR**

**Submitted pursuant to OAC 4906-5-02(B) and 4906-11-02**

**AEP Ohio Transmission Company  
(AEP Ohio Transco)**

**January 2014**

## CONSTRUCTION NOTICE

### Howard - (Melmore) - Fostoria Transmission 138kV Transmission Line Project

In accordance with Ohio Administrative Code Section 4906-11-02 Construction Notice Requirements, American Electric Power Ohio Transmission Company (AEP OH Transco) submits the following information:

#### **4906-11-02(B)**

##### **(1) Name of the Project**

The name of the project is the Howard – (Melmore) – Fostoria 138kV Transmission Line.

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

The proposed Howard – (Melmore) – Fostoria project consists of rerouting and reconfiguring the Howard – Fostoria line between existing structures #156 and #157 for the construction of the proposed Melmore Station. The project is located in Northwestern Ohio on the east side of Township Road 17, southwest of State Route 100, north of Township Road 58 in Eden Township, Seneca County, Ohio. A temporary reroute of the Howard – Fostoria Line is necessary for the construction of the station as well as a new permanent in and out configuration of the existing line for the new station. The project will consist of two (2) permanent double-circuit dead-end structures and four (4) temporary single circuit structures. The project extends for approximately 1,200 feet.

This project meets the requirements for a Construction Notice, as the project is defined by Item (1)(c) of the Interim Application Requirement Matrix for Electric Power Transmission Lines in Appendix A of 4906-1-01 of the Ohio Administrative Code. The matrix requires the filing of a Construction Notice for the following:

*(1) Rerouting or extension or new construction of single or multiple circuit electric power transmission line(s) as follows:*

*(c) Line(s) one hundred twenty-five kV and above, but less than three hundred kV, and not greater than 0.2 miles in length.*

### **(3) Need for the Project**

The project is needed to allow for the construction and operation of the new Melmore Station (Case No. 13-0522-EL-ESB). Due to outage constraints, the dead-end structures and temporary single circuit structures must be installed prior to construction of the Melmore Station, when outages are available on the existing transmission line. The purpose of the Melmore Station project and related 138kV line work is to maintain and improve the quality of electric service and reliability in Northeastern Ohio including the communities of Tiffin and Fremont.

### **(4) Construction Schedule**

Construction of the reroute is scheduled to begin early March 2014 with an estimated completion date of the temporary re-route of April 2014 and the permanent in and out configuration to the station energized by summer 2015.

### **(5) Estimated Cost**

<u>FERC Accounts</u>	<u>Estimated Capital Costs</u>
355 Poles and Fixtures	\$78,725
356 Overhead Conductors and Devices	<u>\$51,806</u>
Total Cost	\$130,531

### **(6) Technical Features**

The permanent structures will be self-supporting galvanized steel single pole structures with davit arms designed to double circuit standards. The temporary structures will be guyed wood pole dead ends designed to single circuit standards.

### **(7) Maps**

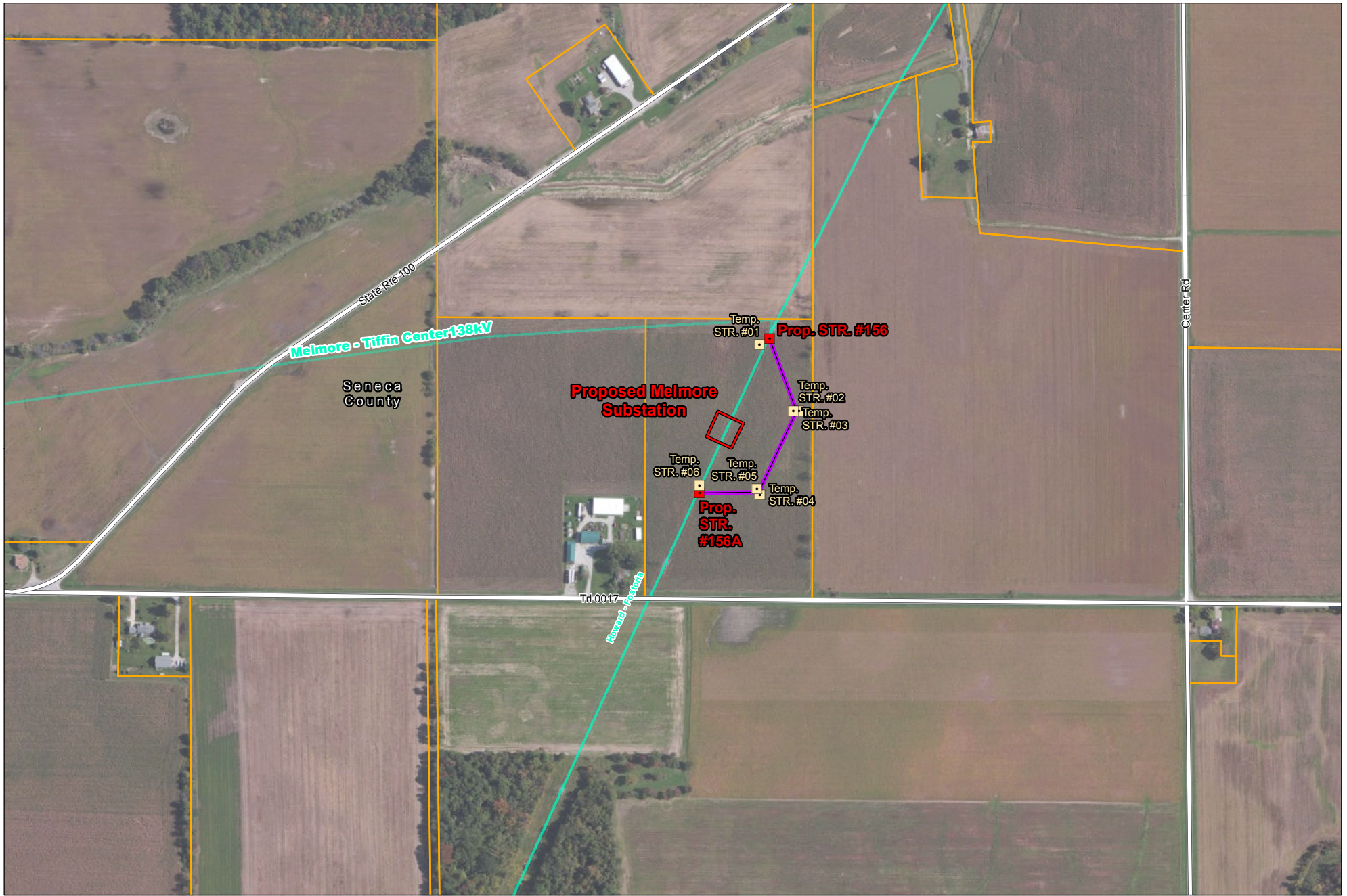
The line is located in Northwestern Ohio, approximately 1.5 miles northwest of the unincorporated town of Melmore, Eden Township, Seneca County, Ohio. Please reference the attached map for location and line route.

### **(8) Properties**

The reroute will be located entirely on the Melmore Station property belonging to American Electric Power in fee.

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

Copies of this Construction Notice have been sent to the Seneca County Board of Commissioners as well as the Eden Township Board of Trustees.



<b>SYM Existing Substation &amp; Transmission Line</b> <div> <div>Existing Structure</div> <div>Angle Structure</div> <div>Existing 69 kV</div> <div>Existing 88 kV</div> <div>Existing 115 kV</div> <div>Existing 138 kV</div> <div>Existing 161 kV</div> </div> <div> <div>Existing 230 kV</div> <div>Existing 345 kV</div> <div>Existing 500 kV</div> <div>Existing 765 kV</div> </div>	<b>SYM Transportation &amp; Hydrology</b> <div> <div>Interstate</div> <div>Highway</div> <div>Railroad</div> <div>Major/Local Road</div> <div>River/Stream/Lake/Pond</div> <div>100yr Floodplain</div> </div>	<b>SYM Proposed Features</b> <div> <div>Proposed Permanent Structure</div> <div>Proposed Temporary Structure</div> <div>Proposed 138 kV Substation</div> </div>	<b>SYM Boundary &amp; Feature</b> <div> <div>City/Township</div> <div>County</div> <div>Contour 20'</div> <div>Parcel</div> </div>	<b>SYM Wetlands</b> <div> <div>Palustrine Emergent</div> <div>Palustrine Forested</div> <div>Palustrine Scrub/Shrub</div> <div>Palustrine Unconsolidated Bottom</div> </div>	<div> <div>North Arrow</div> <div> <div>0</div> <div>240</div> <div>480</div> </div> <div>Feet</div> </div>	<div> <div>Map Area</div> </div>	<div> <div> <div>AEP Ohio Transmission Company</div> <div>Howard - (Melmore) - Fostoria</div> <div>138 kV Line</div> <div>Seneca Co</div> </div> <div> <div>Projected Coordinate System: Ohio State Plane</div> <div>Datum: North American Datum of 1983</div> <div>Projection: Lambert Conformal Conic</div> <div>Zone: North</div> <div>Linear Unit: Feet</div> </div> </div>	<div> <div>Proposed Howard - Fostoria Relocation</div> <div>Date: 1/14/2014</div> <div>Scale: 1" = 300' (1:3,600)</div> <div> <div>0</div> <div>240</div> <div>480</div> </div> <div>Feet</div> </div>	<div> <div>Commonwealth</div> <div>AEP AMERICAN ELECTRIC POWER</div> </div>
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American Electric Power  
700 Morrison Road  
Gahanna, OH 43230

January 13, 2014

Mr. Jeffrey D. Wagner, President  
Ms. Holly Stacy, Vice President  
Mr. Fred Zoeller, Commissioner  
Seneca County Board of Commissioners  
111 Madison Street  
Tiffin, Ohio 44883

RE: Construction Notice  
Howard - (Melmore) - Fostoria Transmission 138kV Transmission Line Project

Dear Board of Commissioners:

In accordance with Rules 4906-11-02 of the Ohio Administrative Code (OAC), AEP Ohio Transmission Company (AEP OH Transco) is required to submit a Construction Notice to the State of Ohio Power Siting Board (OPSB) whenever certain changes are made to our transmission facilities.

The proposed Howard – (Melmore) – Fostoria project consists of rerouting and reconfiguring the Howard – Fostoria line between existing structures #156 and #157 for the construction of the proposed Melmore Station. The project is located in Northwestern Ohio on the east side of Township Road 17, north of Township Road 58 in Eden Township, Seneca County, Ohio.

AEP OH Transco has 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.

Please feel free to contact me at (614) 552-1395 and I would be happy to answer any questions concerning this project.

Sincerely,

A handwritten signature in black ink, appearing to read 'Todd Sides', is written over a circular stamp or seal.

Todd Sides  
Project Manager





American Electric Power  
700 Morrison Road  
Gahanna, OH 43230

January 13, 2014

Mr. Thomas Weimerskirch  
Eden Township Trustee  
1690 E TR 58  
Tiffin, Ohio 44883

RE: Construction Notice  
Howard - (Melmore) - Fostoria Transmission 138kV Transmission Line Project

Dear Trustee Weimerskirch:

In accordance with Rules 4906-11-02 of the Ohio Administrative Code (OAC), AEP Ohio Transmission Company (AEP OH Transco) is required to submit a Construction Notice to the State of Ohio Power Siting Board (OPSB) whenever certain changes are made to our transmission facilities.

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Todd Sides  
Project Manager





American Electric Power  
700 Morrison Road  
Gahanna, OH 43230

January 13, 2014

Mr. Verne Shellhouse  
Eden Township Trustee  
5565 S SR 100  
Tiffin, Ohio 44883

RE: Construction Notice  
Howard - (Melmore) - Fostoria Transmission 138kV Transmission Line Project

Dear Trustee Shellhouse:

In accordance with Rules 4906-11-02 of the Ohio Administrative Code (OAC), AEP Ohio Transmission Company (AEP OH Transco) is required to submit a Construction Notice to the State of Ohio Power Siting Board (OPSB) whenever certain changes are made to our transmission facilities.

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Todd Sides  
Project Manager



American Electric Power  
700 Morrison Road  
Gahanna, OH 43230

January 13, 2014

Mr. Devon Gillig  
Eden Township Trustee  
8809 South County Road 19  
Tiffin, Ohio 44883

RE: Construction Notice  
Howard - (Melmore) - Fostoria Transmission 138kV Transmission Line Project

Dear Trustee Gillig:

In accordance with Rules 4906-11-02 of the Ohio Administrative Code (OAC), AEP Ohio Transmission Company (AEP OH Transco) is required to submit a Construction Notice to the State of Ohio Power Siting Board (OPSB) whenever certain changes are made to our transmission facilities.

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Todd Sides  
Project Manager

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

**Commission of Ohio Docketing Information System on**

**1/14/2014 4:46:24 PM**

**in**

**Case No(s). 14-0054-EL-BNR**

Summary: Notice of Construction of the Howard – (Melmore) – Fostoria 138kV Transmission Line Project electronically filed by Mr. Yazen Alami on behalf of AEP Ohio Transmission Company