



Legal Department

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

Chairman Todd A. Snitchler
The Public Utilities Commission of Ohio
Ohio Power Siting Board
180 East Broad Street
Columbus, Ohio 43215

February 10, 2014

Re: Construction Notice
Case No. 14-0241-EL-BNR: Hillsboro Station Project

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

Dear Chairman Snitchler:

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 May 2014 and is projected to be placed in-service in June 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. Attached to the Construction Notice are copies of cover letters that have been submitted to the Highland County Board of Commissioners and the New Market Township Trustees.

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

Respectfully submitted,

/s/ Yazen Alami
Yazen Alami

Construction Notice
for the
Hillsboro Station Project

Case No. 14-0241-EL-BNR

Submitted by
AEP Ohio Transmission Company
(AEP Ohio Transco)

to
The State of Ohio Power Siting Board

February 2014

CONSTRUCTION NOTICE

In accordance with Ohio Administrative Code Section 4906-11-02, Construction Notice requirements, AEP Ohio Transmission Company (AEP Ohio Transco), a subsidiary of American Electric Power (AEP), submits the following:

4906-11-02 (B)

(1) Name of Project

The name of this project is the Hillsboro Station Project, and has been assigned OPSB case number 14-0241-EL-BNR.

(2) Description of this Project

This project involves expanding the existing Hillsboro Station in New Market Township, Highland County, Ohio. As currently proposed, the enclosed fenced area will be expanded to the north, increasing approximately from 0.861 acre to 0.93 acre (see Figures 1 and 2). This project meets the requirements for a Construction Notice because the extent of this project is defined by Item (8) (a) of Appendix A “Application Requirement Matrix for Electric Power Transmission Lines.”

A Construction Notice is required where there is a 20% or less expansion of the fenced-in area of an existing electric power transmission station. This station is being expanded by approximately 8%. There are no new access roads proposed as part of this project. The existing access drive will remain.

(3) Need for this Project

The purpose of the project is to expand capacity to meet demand. The expansion of Hillsboro Station is part of the of the Adams-Seaman-Highland-Hillsboro 138 kilovolt (kV) upgrades to improve Voltage Drop. In order to expand capacity, AEP is adding a new 16-foot-wide by 27-foot-long Drop-In Control Module (DCIM), adding a new 138 kV transmission line circuit, and relocating two existing 138 kV transmission line circuits. In order to accommodate the proposed changes, the station fence must be relocated to the north and the station yard must be expanded as proposed.

(4) Anticipated Construction Schedule

Construction of this transmission station expansion project is expected to begin in May 2014 with an in-service date of June 1, 2015.

(5) Estimated Capital Costs

The cost for this project is estimated at \$2,010,200.

(6) Technical Features

AEP is expanding the Hillsboro Station to accommodate a new 16-foot-wide by 27-foot-long DCIM as part of the station upgrades. The existing control house will be removed. The expansion area primarily contains grass and brush.

Additional work at the station includes adding a new 138 kV transmission line circuit, relocating two existing 138 kV transmission line circuits, upgrading the current carrying capacity of the existing Main Bus #1, adding a second Main Bus #2, adding two new 138 kV gas circuit breakers, installing new 138 kV disconnect switches, and station service. This work will take place within the existing footprint of the switchyard and the station expansion area.

(7) Maps and Directions to Project Area

This project is located in Highland County, Ohio. Please see the attached map (Figure 1) showing the project location.

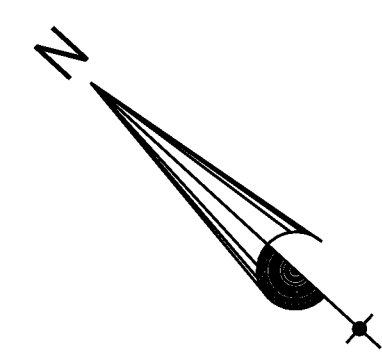
From the intersection of US Highway (US Hwy) 50/Main Street and US Hwy 62/South High Street in the center of Hillsboro, Ohio, travel south on US Hwy 62/South High Street approximately 1,000 feet and turn west on State Route 138/Danville Pike. Travel approximately four miles to the intersection with Mad River Road/Township Road 7. Turn south on Mad River Road/Township Road 7 and travel approximately 900 feet. The existing substation entrance drive is on the west side of the road.

(8) Property Agreements and Easements

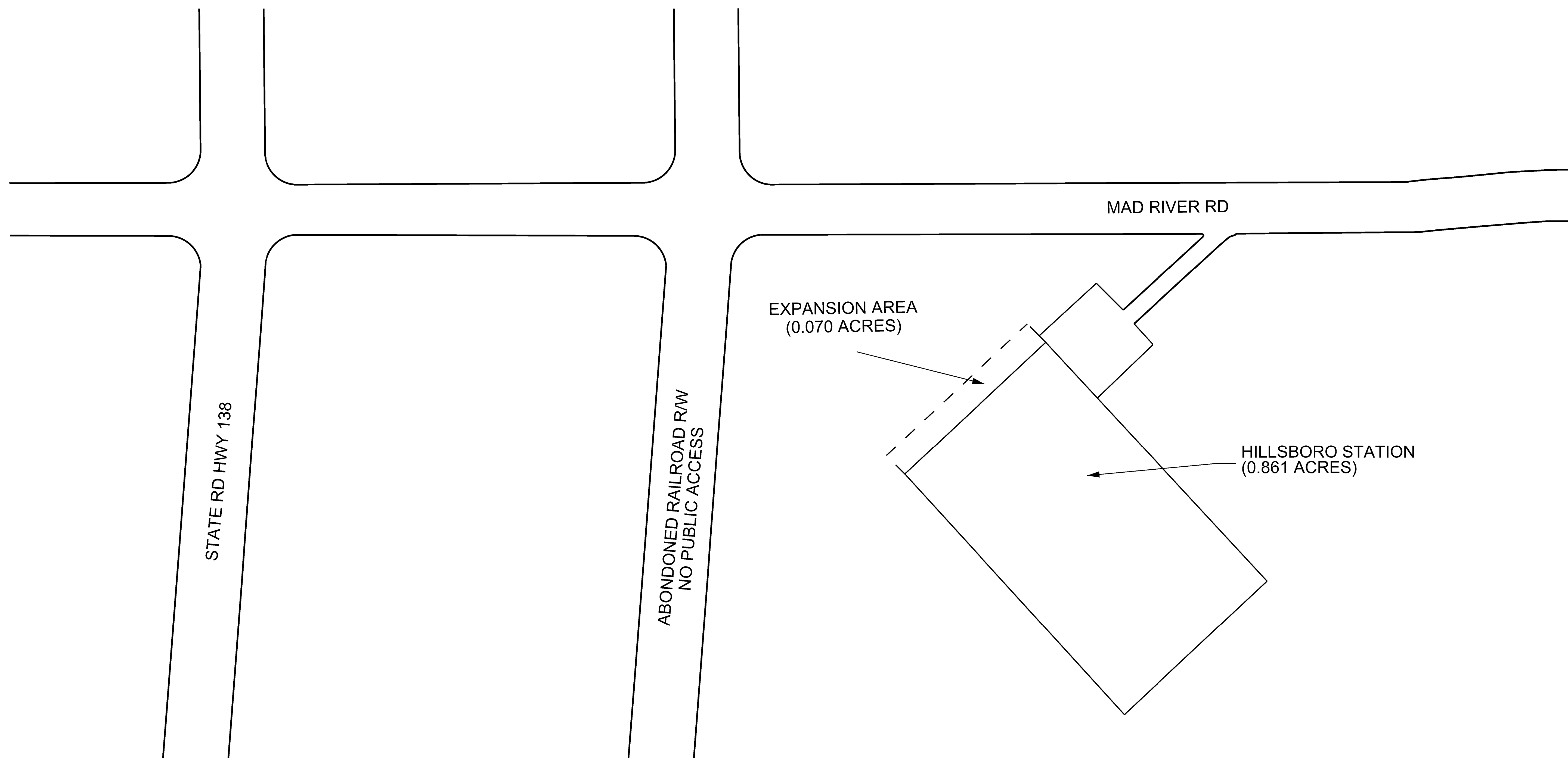
No additional land or land rights will be required for this station expansion. The entire project is located on AEP owned property.

4906-11-02 (C)

Copies of this Construction Notice have been sent to the Highland County Commissioners and to the New Market Township Trustees. Copies of the cover letters to these officials are attached.



SCALE: 1"=40'

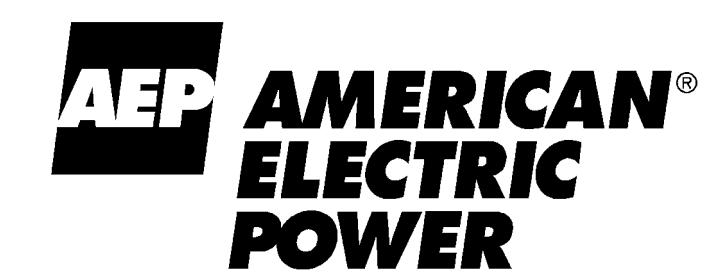


HILLSBORO STATION
5953 MAD RIVER ROAD
HILLSBORO, OH 45133

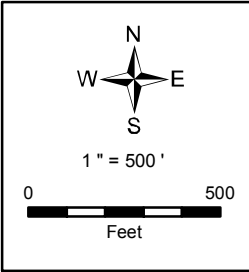
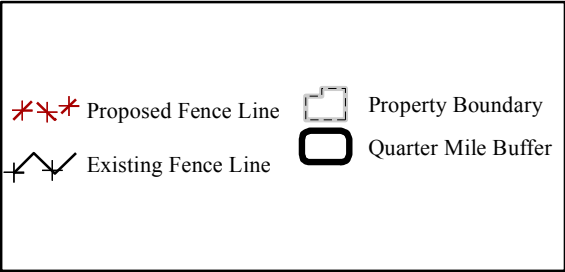
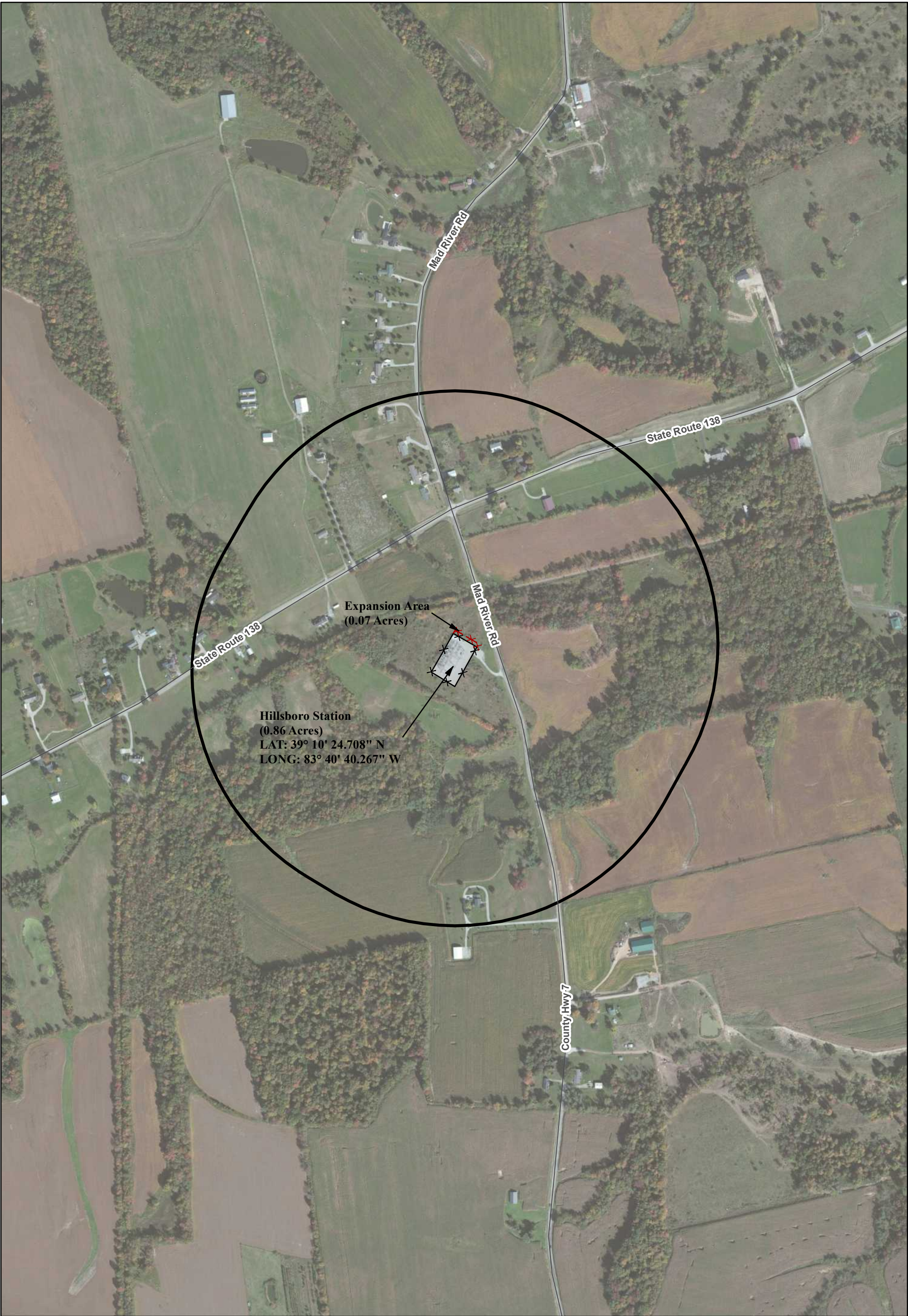
-83.67779° LONGITUDE
39.17354° LATITUDE

Figure 2

HILLSBORO STATION



Path: H:\AEP\131494_Hillsboro_Station_34107\PER\Environmental\GIS\Apps\PWR\131494_HillsboroStation_PVID34107_LocationMap_11x17.mxd



OVERVIEW
The State of Ohio Highland County, New Market Township
NAD83 Ohio State Plane South
Date: 12/13/2013 Author: DHB

Hillsboro Station - 34107
Figure 1
Site Location



American Electric Power
700 Morrison Road
Gahanna, OH 43230
AEP.com

February 10, 2014

New Market Township Trustees
Kenny Harless
Thomas Juillerat
Lowell Sullivan
C/O Dick Barrera, Fiscal Officer
4695 U.S. 62
Hillsboro, OH 45133

**Construction Notice
Hillsboro Station Project**

Dear Trustees,

In accordance with Chapter 4906 of the Ohio Administrative Code, American Electric Power is required to submit a Construction Notice to the State of Ohio Power Siting Board to expand the Highland Substation to the northwest to accommodate new infrastructure. The Project is located in New Market Township, Highland County, Ohio.

In accordance with Section 4906-11-02 of the OPSB Rules and Regulations, we are sending you a copy of the Construction Notice filed in this matter. This Notice contains details on the station expansion and is submitted for your information. This project has been assigned Case Number 14-0241-EL-BNR.

Please feel free to contact me at 614.552.1890 if you have any questions or concerns regarding this project.

Cordially,

A handwritten signature in blue ink, appearing to read 'Rebekah Hovermale', is written over the printed name.

Rebekah Hovermale
Transmission Siting Specialist



American Electric Power
700 Morrison Road
Gahanna, OH 43230
AEP.com

February 10, 2014

Highland County Commissioners
Jeremy Shaffer
Shane Wilkin
Thomas Horst
119 Governor Foraker Place
Suite 211
Hillsboro, OH 45133

**Construction Notice
Hillsboro Station Project**

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Rebekah Hovermale
Transmission Siting Specialist

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

2/10/2014 1:37:03 PM

in

Case No(s). 14-0241-EL-BNR

Summary: Application In the Matter of the Construction Notification for the Hillsboro Station Project electronically filed by Mr. Yazen Alami on behalf of AEP Ohio Transmission Company