



Legal Department

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May 6, 2019

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The Honorable Samuel Randazzo, Chairman
Ohio Power Siting Board
180 East Broad Street
Columbus, Ohio 43215

**Re: In the Matter of the Construction Notice Application of AEP Ohio Transmission Company, Inc. for a Certificate of Environmental Compatibility and Public Need for the Bixby-Shannon 138kV Transmission Line Pole Installation Project
Case No. 19-0955-EL-BNR (Expedited Treatment Requested)**

Dear Chairman Randazzo,

Attached please find a copy of AEP Ohio Transmission Company, Inc.'s ("AEP Ohio Transco") Construction Notice application for the above-referenced project, which is being submitted pursuant to Ohio Adm.Code 4906-6-05.

Copies of this filing will also be submitted to the executive director or the executive director's designee and provided to the OPSB Staff via electronic message.

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

Respectfully submitted,

/s/ Christen M. Blend
Christen M. Blend (0086881), Counsel of Record
Hector Garcia (0084517)
Counsel for AEP Ohio Transmission Company, Inc.

cc: John Jones, Counsel for OPSB Staff
Jon Pawley, OPSB Staff

Construction Notice For the Bixby-Shannon Pole Installation Project



Case No. 19-0955-EL-BNR

Submitted to:
The Ohio Power Siting Board
Pursuant to Ohio Administrative Code
Section 4906-6-05

Submitted by:
AEP Ohio Transmission Company, Inc.

May 6, 2019

CONSTRUCTION NOTICE

AEP Ohio Transmission Company, Inc.'s Bixby-Shannon Pole Installation Project

4906-6-05

AEP Ohio Transmission Company, Inc. ("AEP Ohio Transco") provides the following information to the Ohio Power Siting Board ("OPSB") pursuant to Ohio Administrative Code Section 4906-6-05.

4906-6-05(B) General Information

B(1) Project Description

The name of the project and applicant's reference number, names and reference number(s) of resulting circuits, a brief description of the project, and why the project meets the requirements for a Construction Notice.

AEP Ohio Transco proposes the Bixby-Shannon Pole Installation Project ("Project"), located in Groveport, Franklin County, Ohio. The purpose of this Project is to install four structures to raise the height of a portion of the Bixby-Shannon 138 kV Transmission line in order to accommodate the installation of telecommunications infrastructure. The Project will be constructed on existing AEP Ohio Transco right-of-way ("ROW"). Appendix A shows the location of the Project.

The Project meets the requirements for a Construction Notice ("CN") because it is within the types of projects defined by (1)(a) of Appendix A to O.A.C. 4906-1-01, *Application Requirement Matrix for Electric Power Transmission Lines*:

1. *Adding new circuits on existing structures designed for multiple circuit use, replacing conductors on existing structures with larger or bundled conductors, adding structures to an existing transmission line, or replacing structures with a different type of structure, for a distance of:*

(a) Two miles or less

The Project has been assigned PUCO Case No. 19-0955-EL-BNR.

B(2) Statement of Need

If the proposed project is an electric power transmission line or gas or natural gas transmission line, a statement explaining the need for the proposed facility.

There is no operational, modeling, or topology change as a result of this Project; therefore, the Project will not be submitted to PJM. This Project is also not reported within the Long-Term Forecast Report because it is not creating a new transmission line. The Project's primary purpose is to support the installation of new telecommunications equipment. The transmission line asset is moving from existing structures onto the poles to be installed. The new poles will be placed on existing centerline.

B(3) Project Location

The applicant shall provide the location of the project in relation to existing or proposed lines and substations shown on an area system map of sufficient scale and size to show existing and proposed transmission facilities in the Project area.

Appendix A shows the location of the Project in relation to existing assets.

B(4) Alternatives Considered

The applicant shall describe the alternatives considered and reasons why the proposed location or route is best suited for the proposed facility. The discussion shall include, but not be limited to, impacts associated with socioeconomic, ecological, construction, or engineering aspects of the project.

Because the structure will be placed within the centerline of the existing Bixby-Shannon line, there will be no additional impacts to any areas outside the existing ROW corridor. The resulting alignment represents the most suitable and least-impactful pole location alternative. Socioeconomic, land use, and ecological information is presented in Section B(10).

B(5) Public Information Program

The applicant shall describe its public information program to inform affected property owners and tenants of the nature of the project and the proposed timeframe for project construction and restoration activities.

Because the Project will be located fully on existing AEP Ohio Transco ROW, it will not affect any other property owners or tenants. AEP Ohio Transco maintains a website (<http://aeptransmission.com/ohio/>) on which an electronic copy of this CN is available. A paper copy of the CN will be served to the public library in each political subdivision affected by this Project.

B(6) Construction Schedule

The applicant shall provide an anticipated construction schedule and proposed in-service date of the project.

Construction of the Project is planned to begin in the second quarter of 2019, and the anticipated in-service date will be approximately June of 2019.

B(7) Area Map

The applicant shall provide a map of at least 1:24,000 scale clearly depicting the facility with clearly marked streets, roads, and highways, and an aerial image.

Appendix A, Figure 1 provides a topographical map of existing and proposed facilities at 1:24,000, and Figure 2 provides an aerial image showing roads and highways, clearly marked with Project components.

From Columbus, take I-71 E for 4 miles. Take exit 105A to merge onto US 33-E/Southeast Expy towards Lancaster (4.2mi). Take exit 132 for OH-317/Hamilton Road (0.3mi). The Project area will be on the right.

B(8) Property Agreements

The applicant shall provide a list of properties for which the applicant has obtained easements, options, and/or land use agreements necessary to construct and operate the facility and a list of the additional properties for which such agreements have not been obtained.

The Project is located on existing AEP Ohio Transco ROW. No other property easements, options, or land use agreements are necessary to construct the Project or operate the transmission line.

B(9) Technical Features

The applicant shall describe the following information regarding the technical features of the project:

B(9)(a) Operating characteristics, estimated number and types of structures required, and right-of-way and/or land requirements.

Voltage	345 kV
Conductors	795,000 CM SSAC (ACSS) (26/7) Drake
Static Wire	OPGW
Insulators	Polymer
ROW Width	50 feet
Structure type	3 Single circuit, steel, tangent structures and one single circuit, wood, tangent.

B(9)(b) Electric and Magnetic Fields

For electric power transmission lines that are within one hundred feet of an occupied residence or institution, the production of electric and magnetic fields during the operation of the proposed electric power transmission line.

No occupied residences or institutions are located within 100 feet of the Project.

B(9)(b)(ii) Design Alternatives

A discussion of the applicant's consideration of design alternatives with respect to electric and magnetic fields and their strength levels, including alternate conductor configuration and phasing, tower height, corridor location, and right-of-way width.

No occupied residences or institutions are located within 100 feet of the Project.

B(9)(c) Project Cost

The estimated capital cost of the project.

The capital cost estimate for the proposed Project, which is comprised of applicable tangible and capital costs, is approximately \$175,000 (Class 3 estimate).

B(10) Social and Economic Impacts

The applicant shall describe the social and ecological impacts of the project:

B(10)(a) Land Use Characteristics

Provide a brief, general description of land use within the vicinity of the proposed project, including a list of municipalities, townships, and counties affected.

The Project is located within AEP Ohio Transco ROW in Groveport, Franklin County, Ohio. The Franklin County Auditor lists the land use of this area as “650 – Exempt Property Owned by BOE”. No tree clearing is anticipated to be required for the Project. No environmental or cultural resources are expected to be impacted as a result of this Project. There are no parks, churches, cemeteries, wildlife management areas, or nature preserve lands within 1,000 feet of the centerline of the Project.

B(10)(b) Agricultural Land Information

Provide the acreage and a general description of all agricultural land, and separately all agricultural district land, existing at least sixty days prior to submission of the application within the potential disturbance area of the project.

The Project area is on existing AEP Ohio Transco ROW, with surrounding industrial facilities, and on property that the Franklin County Auditor’s website lists as commercial use. There are no impacts to agricultural district lands. This Project involves installation of four poles within the current centerline.

B(10)(c) Archaeological and Cultural Resources

Provide a description of the applicant’s investigation concerning the presence or absence of significant archaeological or cultural resources that may be located within the potential disturbance area of the project, a statement of the findings of the investigation, and a copy of any document produced as a result of the investigation.

Figure 3 depicts an online review of the State Historic Preservation Office Online GIS website. No cultural resources were identified within or in proximity to the study area.

B(10)(d) Local, State, and Federal Agency Correspondence

Provide a list of the local, state, and federal governmental agencies known to have requirements that must be met in connection with the construction of the project, and a list of documents that have been or are being filed with those agencies in connection with siting and constructing the project.

The project will be the installation of four poles. This activity is below the reporting levels for an OEPA Stormwater Pollution Prevention Plan. No other local, state, or federal permits are applicable.

B(10)(e) Threatened, Endangered, and Rare Species

Provide a description of the applicant's investigation concerning the presence or absence of federal and state designated species (including endangered species, threatened species, rare species, species proposed for listing, species under review for listing, and species of special interest) that may be located within the potential disturbance area of the project, a statement of the findings of the investigation, and a copy of any document produced as a result of the investigation.

The United States Fish and Wildlife Service ("USFWS") *Federally Listed Species by Ohio Counties October 2015* (available at <https://www.fws.gov/midwest/ohio/>) was reviewed to determine the threatened and endangered species currently known to occur in Warren County.

This USFWS publication lists Indiana bat, northern long-eared bat (T), running buffalo clover (E), Scioto madtom (E), clubshell (E), northern riffleshell (E), rayed bean (E), snuffbox (E), rabbitsfoot (T), eastern hellbender (SC), bald eagle (SC) (de-listed but still protected under the Bald and Golden Eagle Protection Act), were on this list of species for Franklin County.

The Project is within the range of the Indiana bat and northern long-eared bat. Due to this potential, the USFWS/ODNR recommends seasonal tree cutting for trees ≥ 3 inches diameter at breast height between October 1 and March 31 to avoid adverse impacts to this species. No tree clearing activities are anticipated to be required for the construction of this Project. Therefore, the Project is not likely to adversely affect those species.

There are no streams related with this project. Therefore, there will be no impacts associated with the Scioto Madtom, Clubshell, Northern Riffleshell, Rayed Bean, Snuffbox, Rabbitsfoot, and the Eastern Hellbender.

Running Buffalo Clover's habitat is located in areas where there is a prolonged pattern of moderate periodic disturbance. The project area as seen in Figure 2 depicts undisturbed soils. Therefore, due to the absence of proper habitat and the small nature of the project impacts to Running Buffalo Clover are unlikely.

No Bald Eagles nests were identified in the vicinity of the project. Therefore, impacts to the Bald Eagle are unlikely.

B(10)(f) Areas of Ecological Concern

Provide a description of the applicant's investigation concerning the presence or absence of areas of ecological concern (including national and state forests and parks, floodplains, wetlands, designated or proposed wilderness areas, national and state wild and scenic rivers, wildlife areas, wildlife refuges, wildlife management areas, and wildlife sanctuaries)

that may be located within the potential disturbance area of the project, a statement of the findings of the investigation, and a copy of any document produced as a result of the investigation.

Figure 4 shows a risk map indicating NWI wetland and FEMA Floodplains/Floodway data. There does not appear to be any hydrologic soils or hydric vegetation. Wetland impacts are not anticipated. However, even if the pole locations could be considered a wetland, the impact would be below the 0.1 acre threshold for reporting to the Army Corps of Engineers and would be covered under a Nationwide 12 permit.

B(10)(g) Unusual Conditions

Provide any known additional information that will describe any unusual conditions resulting in significant environmental, social, health, or safety impacts.

To the best of AEP Ohio Transco's knowledge, no unusual conditions exist that would result in significant environmental, social, health, or safety impacts.

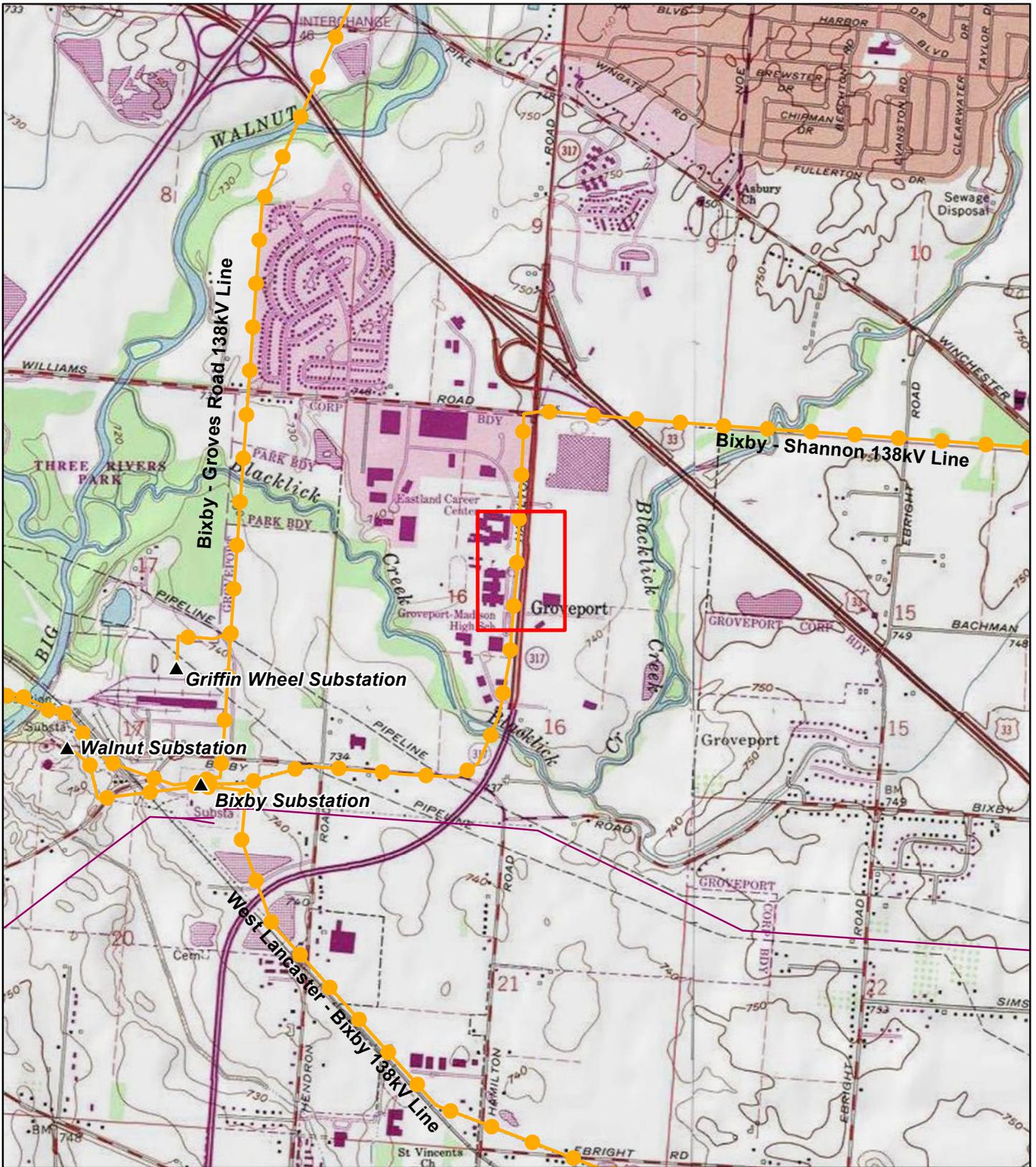
APPENDIX A

Figure 1

Figure 2

Figure 3

Figure 4



Legend

- ▲ Substation
- Existing 138 kV Transmission Line
- ▭ Project Area

Data Sources: AEP,
Topographic Background

Coordinate System and Datum:
NAD_1983_StatePlane_
Ohio_South_FIPS_3402_Feet



Date:
April 29, 2019

Locator Map

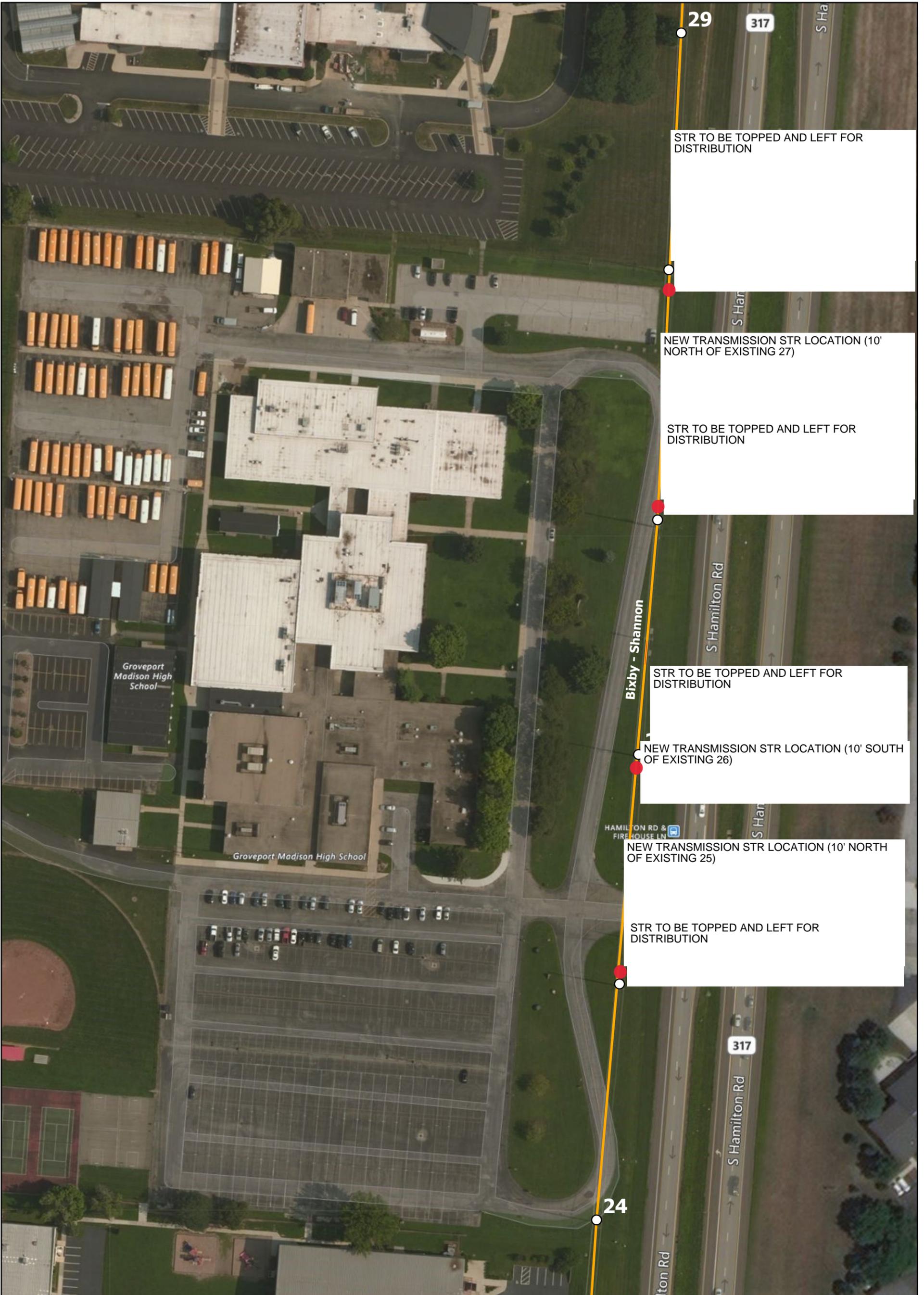


Figure 1
Project Location Map



Bixby - Shannon
138kV Transmission Line
Rebuild Project





STR TO BE TOPPED AND LEFT FOR DISTRIBUTION

NEW TRANSMISSION STR LOCATION (10' NORTH OF EXISTING 27)

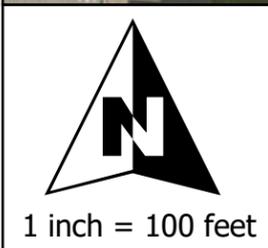
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NEW TRANSMISSION STR LOCATION (10' SOUTH OF EXISTING 26)

NEW TRANSMISSION STR LOCATION (10' NORTH OF EXISTING 25)

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- Bixby - Shannon Structures
- Bixby - Shannon Line

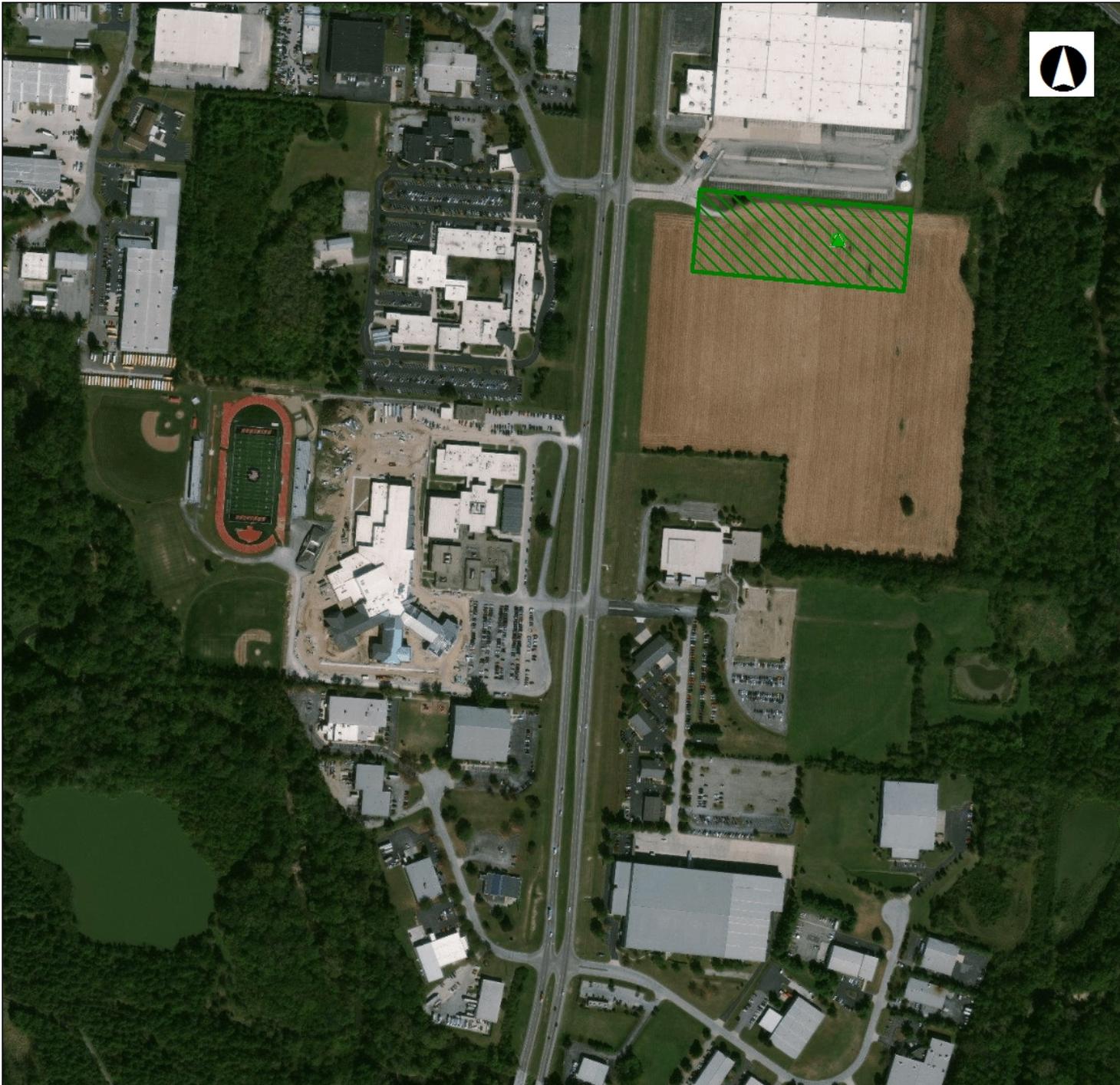
Bixby - Shannon 138 kV Line Structures 24 - 29

FIGURE 2

Source: American Electric Power, ESRI
 Coordinate System:
 Comments:



Drawn By: chaskins
 Date: 1/21/2019



State Historic Preservation Office

Figure 3 Legend

NR Listings

- Listed
- ⊙ National Historic Landmark
- ✘ Delisted

- ◆ NR Determinations of Eligibi
- ▲ Archaeological Sites
- Historic Structures
- Historic Bridges
- Historic Tax Credit Projects

OGS Cemeteries

- ⚰ Confident
- ⚰ Not Confident

- Dams
- UTM Zone Split

- NR Boundaries
- OAI Site Boundaries
- Phase1
- Phase2

0 0.11 0.22 Miles



1: 8,679

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This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Datum: [Datum]
 Projection: WGS_1984_Web_Mercator_Auxiliary_Sphere





Legend

- Existing 138 kV Transmission Line
- Area of Minimal Flooding
- NWI Wetland

Data Source: OSIP Imagery

Coordinate System and Datum:
 NAD_1983_StatePlane_
 Ohio_South_FIPS_3402_Feet



Date:
 April 29, 2019

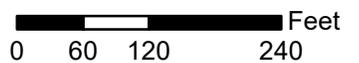
Locator Map



Figure 4
Aerial Project Map



Bixby - Shannon
 138kV Transmission Line
 Rebuild Project



This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

5/6/2019 10:09:15 AM

in

Case No(s). 19-0955-EL-BNR

Summary: Notice - Construction Notice for Bixby-Shannon 138kV Transmission Line Pole Installation Project electronically filed by Ms. Christen M. Blend on behalf of AEP Ohio Transmission Company, Inc.