

2018 NOV -2 AM 11:16

1-800-646-0400

November 1, 2018

Ms. Barcy F. McNeal
Docketing Division
The Public Utilities Commission of Ohio
180 East Broad Street
Columbus, OH 43215-3793

PUCO

Construction Notice
Ashtabula 138 kV Substation Expansion
Case No. 18-1594-EL-BNR

Dear Ms. McNeal:

In accordance with Ohio Administrative Code ("OAC") Rule 4906-2-04(A)(3) and OAC Chapter 4906-6, American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, transmits one (1) original and eleven (11) copies of the enclosed Construction Notice application for the above captioned Project.

In this Project, ATSI proposes to expand the existing Ashtabula 138 kV Substation by approximately 12,000 square feet bringing the total area of the substation to approximately 132,900 square feet. This represents a 10.1 percent expansion of the substation. To accommodate the new expansion area, approximately 390 linear feet of additional fence will be installed. This expansion will provide improved maintenance access to substation equipment. The Project will be located in Ashtabula Township, Ashtabula County, Ohio.

ATSI is requesting an expedited review of this Project.

Please be advised of the following:

a) Name and address of the applicant:

American Transmission Systems, Incorporated
76 South Main Street
Akron, Ohio 44308

b) Name of proposed facilities:

Ashtabula 138 kV Substation Expansion Project.

c) Location of proposed facilities:

The Project is located in Ashtabula Township, Ashtabula County, Ohio.

This is to certify that the person or persons who have
accurate and complete information of the project
document submitted in the request for review of the project
Technician AB Date Reviewed 11/2/18

d) Description of proposed facilities:

In this Project, ATSI proposes the expansion of the existing Ashtabula 138 kV Substation by approximately 12,000 square feet bringing the total area of the substation to approximately 132,900 square feet.

e) Applicant's representative:

Nataliya Bryksenkova, Engineer
Energy Delivery
Transmission and Substation Design
FirstEnergy Service Company
76 South Main Street
Akron, OH 44308-1890

After docketing this filing, please return one time-stamped copy of the Construction Notice application to us in the enclosed envelope. We have provided a copy of this Construction Notice by certified mail, with return receipt requested, to officials of the political subdivisions immediately affected by the proposed project as listed in the attached Exhibit 1. Copies of the transmittal letters addressed to the local government representatives of Ashtabula Township and Ashtabula County are enclosed for your file.

Should the Ohio Power Siting Board desire further information or discussion of this submittal, please contact me at (330) 761-4473.

Sincerely,



Nataliya Bryksenkova
Engineer
Energy Delivery
Transmission and Substation Design
FirstEnergy Service Company

Attachments

**Ashtabula 138 kV Substation Expansion Project
Case Number 18-1594-EL-BNR**

Date: November 1, 2018

**Attachment 1
Affidavit of Nataliya Bryksenkova**

BEFORE THE
OHIO POWER SITING BOARD

In The Matter Of:)
The Application of American)
Transmission Systems, Incorporated for a)
Certificate of Environmental) Case No. 18-1594-EL-BNR
Compatibility and Public Need for the)
Construction of the Ashtabula 138 kV)
Substation Expansion Project)

AFFIDAVIT OF NATALIYA BRYKSENKOVA

I, Nataliya Bryksenkova, state the following:

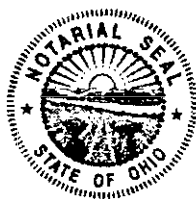
Pursuant to Ohio Administrative Code Rule 4906-2-04(A)(3)(e), I am the authorized representative of the Applicant in this case and I affirm that the Construction Notice application filed in this matter is true and accurate to the best of my information and belief.

N. B.

Nataliya Bryksenkova
FirstEnergy Service Company

State of Ohio)
) ss:
County of Summit)

Sworn and subscribed before me this 1st day of November 2018.



Ashlee Waite
Resident Summit County
Notary Public, State of Ohio
My Commission Expires:
June 19, 2019

Ashlee E. Waite

Notary Public



RECEIVED-DOCKETING DIV

76 South Main Street
Akron, Ohio 44308

2018 NOV -2 AM 11:16

1-800-646-0400

November 1, 2018

PUCO

Mr. Tammy Turkenton
Executive Director
Ohio Power Siting Board
180 East Broad Street, 6th Floor
Columbus, OH 43215-3793

Via Overnight Delivery

**Re: Ashtabula 138 kV Substation Expansion
Ohio Power Siting Board Case No. 18-1594-EL-BNR**

Dear Ms. Turkenton,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, today under separate cover, has filed with the Public Utilities Commission of Ohio, Docketing Division, the subject Construction Notice application.

The Project is located in Ashtabula Township, Ashtabula County, Ohio.

ATSI is requesting an expedited review of this Construction Notice application pursuant to Ohio Administrative Code Rule 4606-6-04. ATSI, also under separate cover, has submitted a payment of \$2,000 for this expedited review.

If you have any questions, please contact me at 330-761-4473.

Sincerely,

Nataliya Bryksenkova, Engineer
Energy Delivery
Transmission & Substation Design
FirstEnergy Service Company

cc: J. O'Dell

November 1, 2018

Treasurer, State of Ohio
L-3603
Columbus, Ohio 43260-3603

Re: **Ashtabula 138 kV Substation Expansion**
Ohio Power Siting Board Case No. 18-1594-EL-BNR

To Whom It May Concern,

Enclosed please find Check No. 2847654 made payable to Ohio State Treasurer, Ohio Power Siting Board Fund 561 in the amount of \$2,000 for the expedited review of the American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy companies' application for the Ashtabula 138 kV Substation Expansion Project filed today in Case No. 18-1594-EL-BNR.

Speed code	Deposit Unit	GL Unit	Fund	Account Code	ALI
PUCPSITING	PUC01	STATE	5610	425049	N/A

Department	Program	Agency Use	ISTV Xref
PUC901210	N/A	N/A	N/A

Sincerely,



Nataliya Bryksenkova, Engineer
Energy Delivery
Transmission & Substation Design
FirstEnergy Service Company

Enclosure (FirstEnergy Corp. Check No. 2847654 for \$2,000)

cc: T. Turkenton (with copy of enclosure)
J. O'Dell (with copy of enclosure)



Power Siting Board

Board Members
Chairman, Public Utilities Commission of Ohio
Director, Ohio Environmental Protection Agency
Director, Ohio Development Services Agency
Director, Ohio Department of Health
Director, Ohio Department of Natural Resources
Director, Ohio Department of Agriculture
Public Member
Ohio House of Representatives
Ohio Senate

****THIS SHEET MUST BE INCLUDED WITH PAYMENT****

Case Number: 18-1594-EL-BNR

Project Name: Ashtabula 138 kV Substation Expansion Project

Application Fee: \$ 0.00

Expedited Fee: \$ 2,000.00

Make Checks Payable To:

Ohio Power Siting Board, Fund 5610
(Designated by Case Number)

Mail To:

Public Utilities Commission of Ohio
Finance Department, 4th Floor
180 East Broad Street
Columbus, Ohio 43215

-----For Treasurer, State of Ohio use-----

Speed code	Deposit Unit	GL Unit	Fund	ALI
PUCPSITING	PUC01	STATE	5610	N/A

Account Code	Department	Program	Agency Use	ISTV Xref
425049	PUC701310	N/A	N/A	N/A

Rev. 04/2018

180 East Broad Street
Columbus, Ohio 43215-3793

(866) 270-6772
www.OPSB.ohio.gov

An equal opportunity employer and service provider

FirstEnergy.

VOID IF NOT CASHED WITHIN 90 DAYS

2847654

50-937

213

Check No. 2847654

CHECK DATE

AMOUNT

10 24 2018

*****2,000.00

PAY TO THE ORDER OF
TREASURER STATE OF OHIO
FUND 5610-PUCO OH POWER SITING BOAR
L-3603
COLUMBUS, OH 43260-3603

EXACTLY *****2,000

DOLLARS 00 CENTS

Stuart R. Staud

Treasurer
FirstEnergy Corp.

JPMorgan Chase Bank, Syracuse, NY 13206

VENDOR NO. 0210047008 DOC NO. 2000371626

PO NO	INVOICE / RCPT #	DATE	DOCUMENT #	VENDOR INV AMT	DISCOUNT	NET AMOUNT
	18-1594-EL-BNR	10/23/2018	1902554787	2,000.00	0.00	2,000.00

Ashtabula-138kV Sub Expan - Case# 18-1594-EL-BNR

FOR CHECK INQUIRY, CONTACT FIRSTENERGY ACCOUNTS PAYABLE HELP DESK AT 814-539-3200.

EXHIBIT 1
Officials Served Copy of Construction Notice
Ashtabula 138 kV Substation Expansion Project
Case No. 18-1594-EL-BNR

Ashtabula County

Ms. Kathryn L. Wittington,
Board President
Ashtabula Co. Commissioners
25 West Jefferson Street
2nd Floor Old Courthouse
Jefferson, OH 44047

Mr. J. P. Ducro IV,
Board Vice-President
Ashtabula Co. Commissioners
25 West Jefferson Street
2nd Floor Old Courthouse
Jefferson, OH 44047

Mr. Casey R. Kozlowski
Ashtabula County Commissioner
25 West Jefferson Street
2nd Floor Old Courthouse
Jefferson, OH 44047

Ms. Janet Discher,
Ashtabula County Administrator
Ashtabula Co. Commissioners
25 West Jefferson Street
2nd Floor Old Courthouse
Jefferson, OH 44047

Ms. Janice Switzer, Director
Ashtabula County Planning
Commission
25 West Jefferson Street
1st Floor Old Courthouse
Jefferson, OH 44047

Mr. Tim Martin, P.E., P.S.
Ashtabula County Engineer
186 East Satin Street
Jefferson, OH 44047

Ashtabula Township

Mr. Steve McClure, Chairman
Trustee, Ashtabula Township
2718 North Ridge Road East
Ashtabula, OH 44004

Ms. Bambi Paulchell,
Vice-Chairman
Trustee, Ashtabula Township
2718 North Ridge Road East
Ashtabula, OH 44004

Mr. Joseph J. Pete
Trustee, Ashtabula Township
2718 North Ridge Road East
Ashtabula, OH 44004

Mr. Robert S. Dille
Fiscal Officer,
Trustee, Ashtabula Township
2718 North Ridge Road East
Ashtabula, OH 44004

Libraries

Mr. Joe Zappitello, Director
Harbor-Topky Memorial Library
1633 Walnut Boulevard
Ashtabula, OH 44004

Mr. William J. Tokarczyk,
Director
Ashtabula County District Library
4335 Park Avenue,
Ashtabula, OH 44004

November 1, 2018

Ms. Kathryn L. Wittington,
Board President
Ashtabula Co. Commissioners
25 West Jefferson Street
2nd Floor Old Courthouse
Jefferson, OH 44047

Construction Notice
Ashtabula 138 kV Substation Expansion
Case No. 18-1594-EL-BNR

Dear Ms. Wittington,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has recently submitted an application to the Ohio Power Siting Board ("OPSB") for approval to expand the existing Ashtabula 138 kV Substation by approximately 12,000 square feet, bringing the total area of the substation to approximately 132,900 square feet. This represents a 10.1 percent expansion of the substation. To secure the new expansion area, approximately 390 linear feet of additional fence will be installed. This expansion will provide improved maintenance access to substation equipment. The Project will be located in Ashtabula Township, Ashtabula County, Ohio.

In accordance with Ohio Administrative Code ("OAC") Rule 4906-1-01, this Project falls within the Ohio Power Siting Board's requirements for a Construction Notice application. Therefore, in compliance with OAC 4906-6, we have prepared and filed the attached Construction Notice application with the OPSB for their review and approval. The Construction Notice application contains a description of the Project and is provided for your information.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4473.

Sincerely,



Nataliya Bryksenkova
Engineer
Energy Delivery
Transmission and Substation Design
FirstEnergy Service Company

Attachment

November 1, 2018

Mr. J. P. Ducro IV,
Board Vice-President
Ashtabula Co. Commissioners
25 West Jefferson Street
2nd Floor Old Courthouse
Jefferson, OH 44047

Construction Notice
Ashtabula 138 kV Substation Expansion
Case No. 18-1594-EL-BNR

Dear Mr. Ducro,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has recently submitted an application to the Ohio Power Siting Board ("OPSB") for approval to expand the existing Ashtabula 138 kV Substation by approximately 12,000 square feet, bringing the total area of the substation to approximately 132,900 square feet. This represents a 10.1 percent expansion of the substation. To secure the new expansion area, approximately 390 linear feet of additional fence will be installed. This expansion will provide improved maintenance access to substation equipment. The Project will be located in Ashtabula Township, Ashtabula County, Ohio.

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I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4473.

Sincerely,



Nataliya Bryksenkova
Engineer
Energy Delivery
Transmission and Substation Design
FirstEnergy Service Company

Attachment

November 1, 2018

Mr. Casey R. Kozlowski
Ashtabula County Commissioner
25 West Jefferson Street
2nd Floor Old Courthouse
Jefferson, OH 44047

Construction Notice
Ashtabula 138 kV Substation Expansion
Case No. 18-1594-EL-BNR

Dear Mr. Kozlowski,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has recently submitted an application to the Ohio Power Siting Board ("OPSB") for approval to expand the existing Ashtabula 138 kV Substation by approximately 12,000 square feet, bringing the total area of the substation to approximately 132,900 square feet. This represents a 10.1 percent expansion of the substation. To secure the new expansion area, approximately 390 linear feet of additional fence will be installed. This expansion will provide improved maintenance access to substation equipment. The Project will be located in Ashtabula Township, Ashtabula County, Ohio.

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I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4473.

Sincerely,



Nataliya Bryksenkova
Engineer
Energy Delivery
Transmission and Substation Design
FirstEnergy Service Company

Attachment

November 1, 2018

Ms. Janet Discher,
Ashtabula County Administrator
Ashtabula Co. Commissioners
25 West Jefferson Street
2nd Floor Old Courthouse
Jefferson, OH 44047

Construction Notice
Ashtabula 138 kV Substation Expansion
Case No. 18-1594-EL-BNR

Dear Ms. Discher,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has recently submitted an application to the Ohio Power Siting Board ("OPSB") for approval to expand the existing Ashtabula 138 kV Substation by approximately 12,000 square feet, bringing the total area of the substation to approximately 132,900 square feet. This represents a 10.1 percent expansion of the substation. To secure the new expansion area, approximately 390 linear feet of additional fence will be installed. This expansion will provide improved maintenance access to substation equipment. The Project will be located in Ashtabula Township, Ashtabula County, Ohio.

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I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4473.

Sincerely,



Nataliya Bryksenkova
Engineer
Energy Delivery
Transmission and Substation Design
FirstEnergy Service Company

Attachment

November 1, 2018

Ms. Janice Switzer, Director
Ashtabula County Planning Commission
25 West Jefferson Street
1st Floor Old Courthouse
Jefferson, OH 44047

Construction Notice
Ashtabula 138 kV Substation Expansion
Case No. 18-1594-EL-BNR

Dear Ms. Switzer,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has recently submitted an application to the Ohio Power Siting Board ("OPSB") for approval to expand the existing Ashtabula 138 kV Substation by approximately 12,000 square feet, bringing the total area of the substation to approximately 132,900 square feet. This represents a 10.1 percent expansion of the substation. To secure the new expansion area, approximately 390 linear feet of additional fence will be installed. This expansion will provide improved maintenance access to substation equipment. The Project will be located in Ashtabula Township, Ashtabula County, Ohio.

In accordance with Ohio Administrative Code ("OAC") Rule 4906-1-01, this Project falls within the Ohio Power Siting Board's requirements for a Construction Notice application. Therefore, in compliance with OAC 4906-6, we have prepared and filed the attached Construction Notice application with the OPSB for their review and approval. The Construction Notice application contains a description of the Project and is provided for your information.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4473.

Sincerely,



Nataliya Bryksenkova
Engineer
Energy Delivery
Transmission and Substation Design
FirstEnergy Service Company

Attachment

November 1, 2018

Mr. Tim Martin, P.E., P.S.
Ashtabula County Engineer
186 East Satin Street
Jefferson, OH 44047

Construction Notice
Ashtabula 138 kV Substation Expansion
Case No. 18-1594-EL-BNR

Dear Mr. Martin,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has recently submitted an application to the Ohio Power Siting Board ("OPSB") for approval to expand the existing Ashtabula 138 kV Substation by approximately 12,000 square feet, bringing the total area of the substation to approximately 132,900 square feet. This represents a 10.1 percent expansion of the substation. To secure the new expansion area, approximately 390 linear feet of additional fence will be installed. This expansion will provide improved maintenance access to substation equipment. The Project will be located in Ashtabula Township, Ashtabula County, Ohio.

In accordance with Ohio Administrative Code ("OAC") Rule 4906-1-01, this Project falls within the Ohio Power Siting Board's requirements for a Construction Notice application. Therefore, in compliance with OAC 4906-6, we have prepared and filed the attached Construction Notice application with the OPSB for their review and approval. The Construction Notice application contains a description of the Project and is provided for your information.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4473.

Sincerely,



Nataliya Bryksenkova
Engineer
Energy Delivery
Transmission and Substation Design
FirstEnergy Service Company

Attachment

November 1, 2018

Mr. Steve McClure, Chairman
Trustee, Ashtabula Township
2718 North Ridge Road East
Ashtabula, OH 44004

Construction Notice
Ashtabula 138 kV Substation Expansion
Case No. 18-1594-EL-BNR

Dear Mr. McClure,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has recently submitted an application to the Ohio Power Siting Board ("OPSB") for approval to expand the existing Ashtabula 138 kV Substation by approximately 12,000 square feet, bringing the total area of the substation to approximately 132,900 square feet. This represents a 10.1 percent expansion of the substation. To secure the new expansion area, approximately 390 linear feet of additional fence will be installed. This expansion will provide improved maintenance access to substation equipment. The Project will be located in Ashtabula Township, Ashtabula County, Ohio.

In accordance with Ohio Administrative Code ("OAC") Rule 4906-1-01, this Project falls within the Ohio Power Siting Board's requirements for a Construction Notice application. Therefore, in compliance with OAC 4906-6, we have prepared and filed the attached Construction Notice application with the OPSB for their review and approval. The Construction Notice application contains a description of the Project and is provided for your information.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4473.

Sincerely,



Nataliya Bryksenkova
Engineer
Energy Delivery
Transmission and Substation Design
FirstEnergy Service Company

Attachment

November 1, 2018

Ms. Bambi Paulchell,
Vice-Chairman
Trustee, Ashtabula Township
2718 North Ridge Road East
Ashtabula, OH 44004

Construction Notice
Ashtabula 138 kV Substation Expansion
Case No. 18-1594-EL-BNR

Dear Ms. Paulchell,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has recently submitted an application to the Ohio Power Siting Board ("OPSB") for approval to expand the existing Ashtabula 138 kV Substation by approximately 12,000 square feet, bringing the total area of the substation to approximately 132,900 square feet. This represents a 10.1 percent expansion of the substation. To secure the new expansion area, approximately 390 linear feet of additional fence will be installed. This expansion will provide improved maintenance access to substation equipment. The Project will be located in Ashtabula Township, Ashtabula County, Ohio.

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I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4473.

Sincerely,



Nataliya Bryksenkova
Engineer
Energy Delivery
Transmission and Substation Design
FirstEnergy Service Company

Attachment

November 1, 2018

Mr. Joseph J. Pete
Trustee, Ashtabula Township
2718 North Ridge Road East
Ashtabula, OH 44004

Construction Notice
Ashtabula 138 kV Substation Expansion
Case No. 18-1594-EL-BNR

Dear Mr. Pete,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has recently submitted an application to the Ohio Power Siting Board ("OPSB") for approval to expand the existing Ashtabula 138 kV Substation by approximately 12,000 square feet, bringing the total area of the substation to approximately 132,900 square feet. This represents a 10.1 percent expansion of the substation. To secure the new expansion area, approximately 390 linear feet of additional fence will be installed. This expansion will provide improved maintenance access to substation equipment. The Project will be located in Ashtabula Township, Ashtabula County, Ohio.

In accordance with Ohio Administrative Code ("OAC") Rule 4906-1-01, this Project falls within the Ohio Power Siting Board's requirements for a Construction Notice application. Therefore, in compliance with OAC 4906-6, we have prepared and filed the attached Construction Notice application with the OPSB for their review and approval. The Construction Notice application contains a description of the Project and is provided for your information.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4473.

Sincerely,



Nataliya Bryksenkova
Engineer
Energy Delivery
Transmission and Substation Design
FirstEnergy Service Company

Attachment

November 1, 2018

Mr. Robert S. Dille
Fiscal Officer,
Trustee, Ashtabula Township
2718 North Ridge Road East
Ashtabula, OH 44004

Construction Notice
Ashtabula 138 kV Substation Expansion
Case No. 18-1594-EL-BNR

Dear Mr. Dille,

American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, has recently submitted an application to the Ohio Power Siting Board ("OPSB") for approval to expand the existing Ashtabula 138 kV Substation by approximately 12,000 square feet, bringing the total area of the substation to approximately 132,900 square feet. This represents a 10.1 percent expansion of the substation. To secure the new expansion area, approximately 390 linear feet of additional fence will be installed. This expansion will provide improved maintenance access to substation equipment. The Project will be located in Ashtabula Township, Ashtabula County, Ohio.

In accordance with Ohio Administrative Code ("OAC") Rule 4906-1-01, this Project falls within the Ohio Power Siting Board's requirements for a Construction Notice application. Therefore, in compliance with OAC 4906-6, we have prepared and filed the attached Construction Notice application with the OPSB for their review and approval. The Construction Notice application contains a description of the Project and is provided for your information.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 761-4473.

Sincerely,



Nataliya Bryksenkova
Engineer
Energy Delivery
Transmission and Substation Design
FirstEnergy Service Company

Attachment

November 1, 2018

Mr. Joe Zappitello, Director
Harbor-Topky Memorial Library
1633 Walnut Boulevard
Ashtabula, OH 44004

Construction Notice
Ashtabula 138 kV Substation Expansion
Case No. 18-1594-EL-BNR

Dear Mr. Zappitello,

Enclosed please find one copy of the Construction Notice application of American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, for the Ashtabula 138 kV Substation Expansion Project ("Project") that has been filed with the Ohio Power Siting Board ("OPSB"). Please make the Construction Notice application available for public reference in the Harbor-Topky Memorial Library. We are providing a copy of the Construction Notice application for placement in your library in accordance with Ohio Administrative Code ("OAC") Rule 4906-6-07(A)(2), which requires us to place a copy of the Construction Notice application in the main public libraries of the political subdivisions in which any portion of the Project is to be located.

As described in the Construction Notice application, the Project proposes the expansion of the existing Ashtabula 138 kV Substation by approximately 12,000 square feet, bringing the total area of the substation to approximately 132,900 square feet. This represents a 10.1 percent expansion of the substation. To secure the new expansion area, approximately 390 linear feet of additional fence will be installed. This expansion will provide improved maintenance access to substation equipment. The Project will be located in Ashtabula Township, Ashtabula County, Ohio.

Please feel free to call me with any question you have on making the Construction Notice application available to your patrons. My phone number is (330) 761-4473.

Sincerely,



Nataliya Bryksenkova
Engineer IV
Energy Delivery
Transmission and Substation Design
FirstEnergy Service Company

Enclosure

November 1, 2018

Mr. William J. Tokarczyk, Director
Ashtabula County District Library
4335 Park Avenue,
Ashtabula, OH 44004

Construction Notice
Ashtabula 138 kV Substation Expansion
Case No. 18-1594-EL-BNR

Dear Mr. Tokarczyk,

Enclosed please find one copy of the Construction Notice application of American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy company, for the Ashtabula 138 kV Substation Expansion Project ("Project") that has been filed with the Ohio Power Siting Board ("OPSB"). Please make the Construction Notice application available for public reference in the Harbor-Topky Memorial Library. We are providing a copy of the Construction Notice application for placement in your library in accordance with Ohio Administrative Code ("OAC") Rule 4906-6-07(A)(2), which requires us to place a copy of the Construction Notice application in the main public libraries of the political subdivisions in which any portion of the Project is to be located.

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Please feel free to call me with any question you have on making the Construction Notice application available to your patrons. My phone number is (330) 761-4473.

Sincerely,



Nataliya Bryksenkova
Engineer IV
Energy Delivery
Transmission and Substation Design
FirstEnergy Service Company

Enclosure

RECEIVED-DOCKETING DIV

2018 NOV -2 AM 11:19

PUCO

**AMERICAN TRANSMISSION SYSTEMS, INCORPORATED
A FIRSTENERGY COMPANY**

CONSTRUCTION NOTICE

**ASHTABULA 138 kV SUBSTATION EXPANSION
PROJECT**

OPSB CASE NO.: 18-1594-EL-BNR

November 1, 2018

**American Transmission Systems, Incorporated
76 South Main Street
Akron, Ohio 44308**

CONSTRUCTION NOTICE

ASHTABULA 138 kV SUBSTATION EXPANSION PROJECT

The following information is being provided in accordance with the requirements in the Ohio Administrative Code (OAC) Chapter 4906-6 for the review of Accelerated Certificate Applications. Based upon the requirements found in Appendix A to OAC Rule 4906-1-01, this Project qualifies for Submittal to the Ohio Power Siting Board ("OPSB") as a Construction Notice application.

4906-6-05: ACCELERATED APPLICATION REQUIREMENTS

4906-6-05: Name and Reference Number

Name of Project: Ashtabula 138 kV Substation Expansion Project ("Project").

4906-6-05 (B)(1): Brief Description of Project

American Transmission Systems, Incorporated (ATSI), a FirstEnergy company, proposes the expansion of the existing Ashtabula 138 kV Substation. The proposed expansion will increase the size of the substation by approximately 12,000 square feet, bringing the total area of the substation to approximately 132,900 square feet. This represents a 10.1 percent expansion of the substation. To secure the new expansion area, ATSI will install approximately 390 linear feet of additional fence. This expansion will provide improved maintenance access to substation equipment.

The general location of the proposed Project is shown in Exhibits 1 and 2. Exhibit 1 is a partial copy of the United States Geologic Survey, Ashtabula County, Ohio Quad Map. Exhibit 2 provides a partial copy of ESRI aerial imagery. The Project is located approximately 0.2 miles northeast of the intersection of State Road and Lake Road East. The general layout is shown in Exhibit 3. The Project will be located in Ashtabula Township, Ashtabula County, Ohio.

4906-6-05 (B)(1): Construction Notice Requirements

The Project falls within Item (4) (a) of the Application Requirement Matrix for Electric Power Transmission Lines, in Appendix A of 4906-1-01. This section states that an applicant may use the Construction Notice process if the Project is:

- (4) *Constructing additions to existing electric power transmission stations or converting distribution stations to transmission stations where:*
 - (a) *There is a twenty percent or less expansion of the fenced area.*

This Project meets this requirement because the expansion of the existing Ashtabula 138 kV Substation will not exceed twenty percent.

4906-6-05 (B)(2): Need for the Project

This Project is needed to improve maintenance access to the substation. Expanding the substation will allow Applicant better access to the substation which will facilitate replacing equipment to ensure increased reliability and system performance of this substation in the future.

4906-6-05 (B)(3): Location of the Project Relative to Existing or Proposed Lines

The location of the Project relative to existing or proposed lines is shown in the ATSI Transmission Network Map, included as part of the confidential portion of the FirstEnergy Corp 2018 Long Term Forecast Report. This map was submitted to the PUCO in Case No. 18-0449-EL-FOR under OAC Rule 4901:5-5:04 (C). This map is incorporated by reference only. This map shows ATSI's 345 kV and 138 kV transmission lines and transmission substations including the Ashtabula Substation. The Project area is located approximately 1 1/2 inches (11" X 17" printed version) from the right edge of the map and 1/2 inches (11" X 17" printed version) from the bottom of the map. The general location of the Project is shown in Exhibits 1 and 2. The Project layout is shown in Exhibit 3.

4906-6-05 (B)(4): Alternatives Considered

No alternatives to the design were considered.

4906-6-05 (B)(5): Public Information Program

ATSI's manager of External Affairs will advise local officials of the proposed Project as necessary.

4906-6-05 (B)(6): Construction Schedule

Construction for the substation expansion is anticipated to begin on December 3, 2018.

The proposed in-service date for the Project is December 21, 2018.

4906-6-05 (B)(7): Area Map

Exhibit 1 and 2 depict the general location of the Project. Exhibit 1 provides a partial copy of the United States Geologic Survey, Ashtabula County, Ohio, Quad Map. Exhibit 2 provides a partial copy of ESRI aerial imagery.

4906-6-05 (B)(8): Property Owner List

ATSI owns the Ashtabula Substation and the land surrounding the substation, including the land required for the expansion. No additional property easements, options, or land use agreements will be necessary to construct the Project or operate the expanded substation. Table 1 contains a list of property owners affected by the project.

Table 1: Property Owner List

Parcel Number	Property Owner	Property Address	Easement Status
030000014002	ATSI	2133 Lake Road Ashtabula OH 44004	Owned In Fee

4906-6-05 (B) (9): TECHNICAL FEATURES OF THE PROJECT

4906-6-05 (B)(9)(a): Operating Characteristics

The proposed substation expansion will have the following characteristics:

Equipment: None (expansion provides additional maintenance clearance only)
Fence: Approximately 390 linear feet of new fence

4906-6-05 (B)(9)(b): Calculated Electric and Magnetic Field

As this is a substation expansion Project that includes no additional equipment and no part of the expanded substation is within 100 feet of an occupied residence or institution. Electric and Magnetic Field ("EMF") calculations have not been made.

4906-6-05 (B)(9)(c): Estimated Cost

The estimated capital cost for the proposed fence line expansion is approximately \$25,000.

4906-6-05 (B)(10): SOCIAL AND ECOLOGICAL IMPACTS

4906-6-05 (B)(10)(a): Land Uses

Land use surrounding the Project is primarily heavy manufacturing and general business district use. The Project is located entirely within Ashtabula Township in Ashtabula County, Ohio.

4906-6-05 (B)(10)(b): Agricultural Land

Agricultural district land does not exist within the Project footprint.

4906-6-05 (B)(10)(c): Archaeological or Cultural Resources

A search of Ohio Historic Preservation Office's ("OHPO") National Register of Historic Places ("NRHP") online database was conducted to identify the existence of any significant archaeological or cultural resource sites within 0.5 miles of the Project area. A map of the results of the search is shown in Exhibit 4. The OHPO database includes all Ohio listings on the NRHP, including districts, sites, buildings, structures, and objects that are significant in American history, architecture, archaeology, engineering, and culture.

The results of the search indicate that there are no Listed NRHP properties and no OHPO eligible properties identified within 0.5 miles of the Project's potential disturbance area.

The OHPO database also includes listing of the Ohio Archaeological Inventory ("OAI"), the Ohio Historic Inventory ("OHI"), previous cultural resource surveys, and the Ohio Genealogical Society ("OGS") cemetery inventory. No OAI listed archeological resources have been previously inventoried within 0.5 miles of the Project area. Three (3) OHI

listed structural resources are located within 0.5 miles of the Project area and are shown in Table 2.

Table 2. List of OHI Listed Structural Resources

OHI Number	Present Name	Historic Use	County	Municipality
ATB0025203	Ashtabula Generating Plant AB	Energy Facility	Ashtabula	Ashtabula Township
ATB0025303	Ashtabula C Generating Plant	Energy Facility	Ashtabula	Ashtabula Township
ATB0026403	Lakeshore Park Pavilion		Ashtabula	Ashtabula Township

No previous archaeological resource surveys were conducted within 0.5 miles of the Project area. There are no OAI sites located within 0.5 miles of the Project's potential disturbance area. No OSG cemeteries are located within 0.5 miles of the Project area.

As the proposed Project involves expansion of the substation fence within previously disturbed area, no changes or impacts to archaeological and cultural resources are anticipated.

4906-6-05 (B)(10)(d): Local, State and Federal Government Requirements

There are no known government agency requirements and the filing status at the time of filing.

4906-6-05 (B)(10)(e): Endangered, Threatened, and Rare Species Investigation

Nineteen (19) animal species and seventy-one (71) plant species designated by the State of Ohio as threatened or endangered are listed as potentially occurring in Ashtabula County. The U.S. Fish and Wildlife Service lists nine (9) animal species designated as federally threatened or endangered as potentially occurring in Ashtabula County. The Project work limits associated with the substation expansion will be entirely within the maintained area located adjacent to the existing substation. This area consists entirely of gravel or grass that is routinely mowed, and no trees are located within the Project area. As such, the Project is not anticipated to adversely impact any listed species.

4906-6-05 (B)(10)(f): Areas of Ecological Concern

No national or state forests and parks, designated or proposed wilderness areas, national and state wild and scenic rivers, wildlife areas, wildlife refuges, wildlife management areas, or wildlife sanctuaries were identified within the potential disturbance area of the Project.

The Project area is located within maintained mowed lawn and gravel substation yard. A wetland determination was conducted at the Project area in September 2018 by Jacobs, a qualified wetlands consultant and no wetlands or streams were identified within the Project area.

4906-6-05(B)(10)(g): Other Information

Construction and operation of the proposed Project will be in accordance with the requirements specified in the latest revision of the National Electrical Safety Code as adopted by the PUCO and will meet all applicable safety standards established by the Occupational Safety and Health Administration.

No other or unusual conditions are expected that will result in significant environmental, social, health or safety impacts.

4906-6-07: Documentation of Construction Notice Application Transmittal and Availability for Public Review

This Construction Notice is being provided concurrently to the following officials of Ashtabula Township and Ashtabula County, Ohio.

Ashtabula County

Ms. Kathryn L. Wittington,
Board President
Ashtabula Co. Commissioners
25 West Jefferson Street
2nd Floor Old Courthouse
Jefferson, OH 44047

Mr. J. P. Ducro IV,
Board Vice-President
Ashtabula Co. Commissioners
25 West Jefferson Street
2nd Floor Old Courthouse
Jefferson, OH 44047

Mr. Casey R. Kozlowski
Ashtabula County Commissioner
25 West Jefferson Street
2nd Floor Old Courthouse
Jefferson, OH 44047

Ms. Janet Discher,
Ashtabula County Administrator
Ashtabula Co. Commissioners
25 West Jefferson Street
2nd Floor Old Courthouse
Jefferson, OH 44047

Ms. Janice Switzer, Director
Ashtabula County Planning
Commission
25 West Jefferson Street
1st Floor Old Courthouse
Jefferson, OH 44047

Mr. Tim Martin, P.E., P.S.
Ashtabula County Engineer
186 East Satin Street Courthouse
Jefferson, OH 44047

Ashtabula Township

Mr. Steve McClure, Chairman
Trustee, Ashtabula Township
2718 North Ridge Road East
Ashtabula, OH 44004

Mr. Joseph J. Pete
Trustee, Ashtabula Township
2718 North Ridge Road East
Ashtabula, OH 44004

Ms. Bambi Paulchell,
Vice-Chairman
Trustee, Ashtabula Township
2718 North Ridge Road East
Ashtabula, OH 44004

Mr. Robert S. Dille
Fiscal Officer,
Trustee, Ashtabula Township
2718 North Ridge Road East
Ashtabula, OH 44004

Libraries

Mr. Joe Zappitello, Director
Harbor-Topky Memorial Library
1633 Walnut Boulevard
Ashtabula, OH 44004

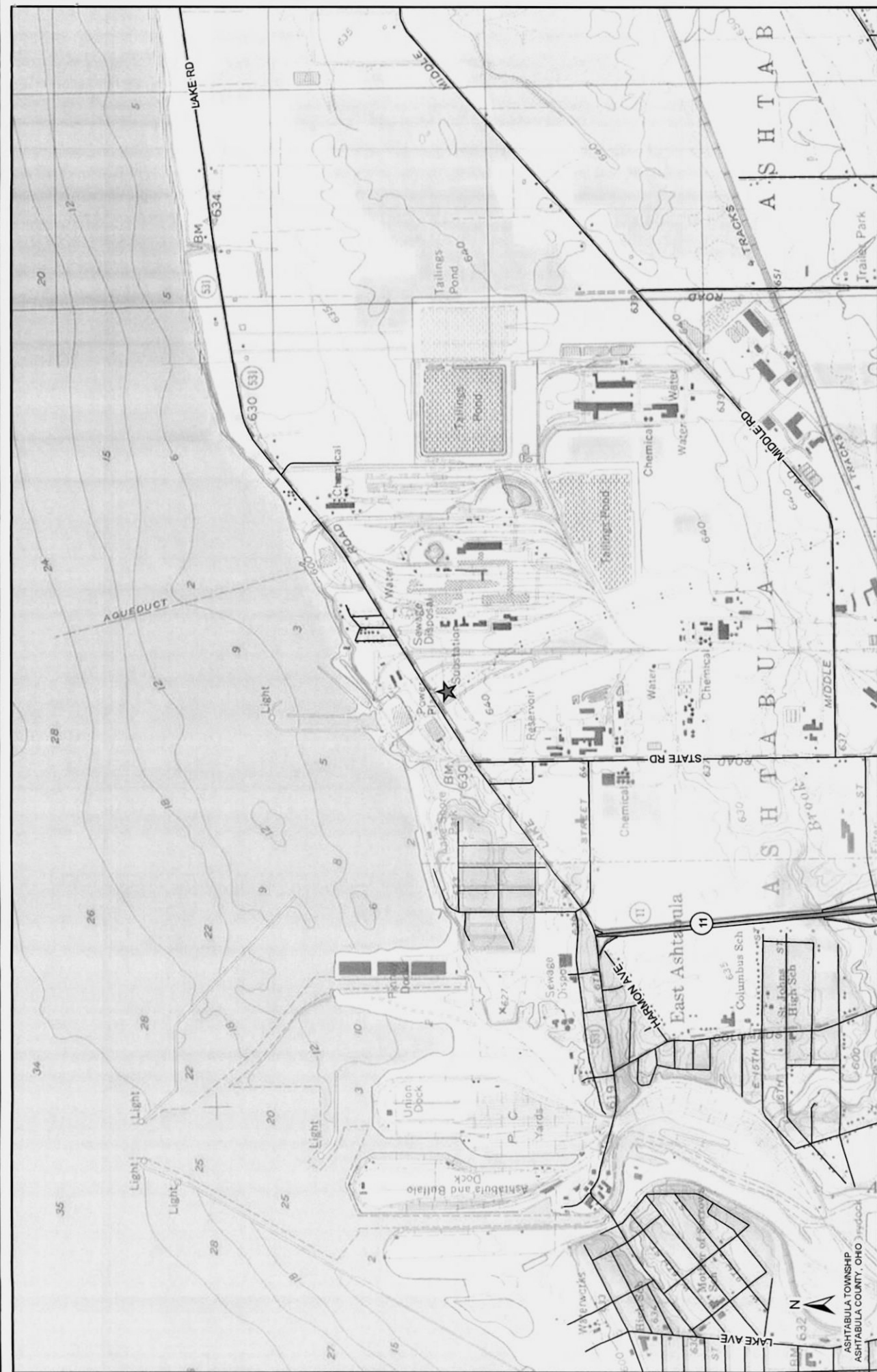
Mr. William J. Tokarczyk,
Director
Ashtabula County District
Library
4335 Park Avenue,
Ashtabula, OH 44004

Copies of the transmittal letters to these officials have been included with the transmittal letter submitting this Construction Notice to the Board and are being provided to meet the condition of OAC Rule 4906-6-07 (B) to provide the Board with proof of compliance with the requirement to provide notice to local officials in OAC Rule 4906-6-07 (A)(1) and to libraries in OAC Rule 4906-6-07 (A)(2).

Information concerning this Construction Notice application is also posted at the link below and describes how to request an electronic or paper copy of this Construction Notice

application. The link to the website is being provided to meet the requirement of OAC 4906-6-07 Rule (B) and to provide the OPSB with proof of compliance with the notice requirements in OAC 4906-6-Rule 07 (A)(3).

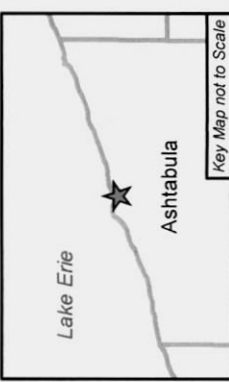
https://www.firstenergycorp.com/about/transmission_projects/ohio/springfield-area-project.html



ATSI
American Transmission Systems, Inc.
a subsidiary of The McGraw-Hill Companies

EXHIBIT 1

Ashtabula 138-kV Substation Expansion Project



0 1,000 2,000 4,000
Feet

Reference:
USGS Topographical Overlay

Coordinate System:
NAD 1983 StatePlane Ohio North FIPS 3401 Feet
Projection: Lambert Conformal Conic Units: Foot US

LEGEND:

★ Project Location

— Roadway

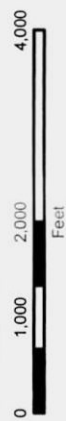
ASHTABULA TOWNSHIP
ASHTABULA COUNTY, OHIO



ASHTABULA TOWNSHIP
ASHTABULA COUNTY, OHIO

LEGEND:

- ★ Project Location
- Roadway



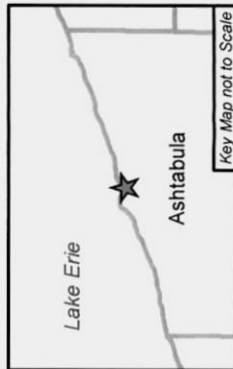
Reference:
ESRI Imagery

Coordinate System:
NAD 1983 StatePlane Ohio North FIPS 3401 Feet
Projection: Lambert Conformal Conic Units: Foot US

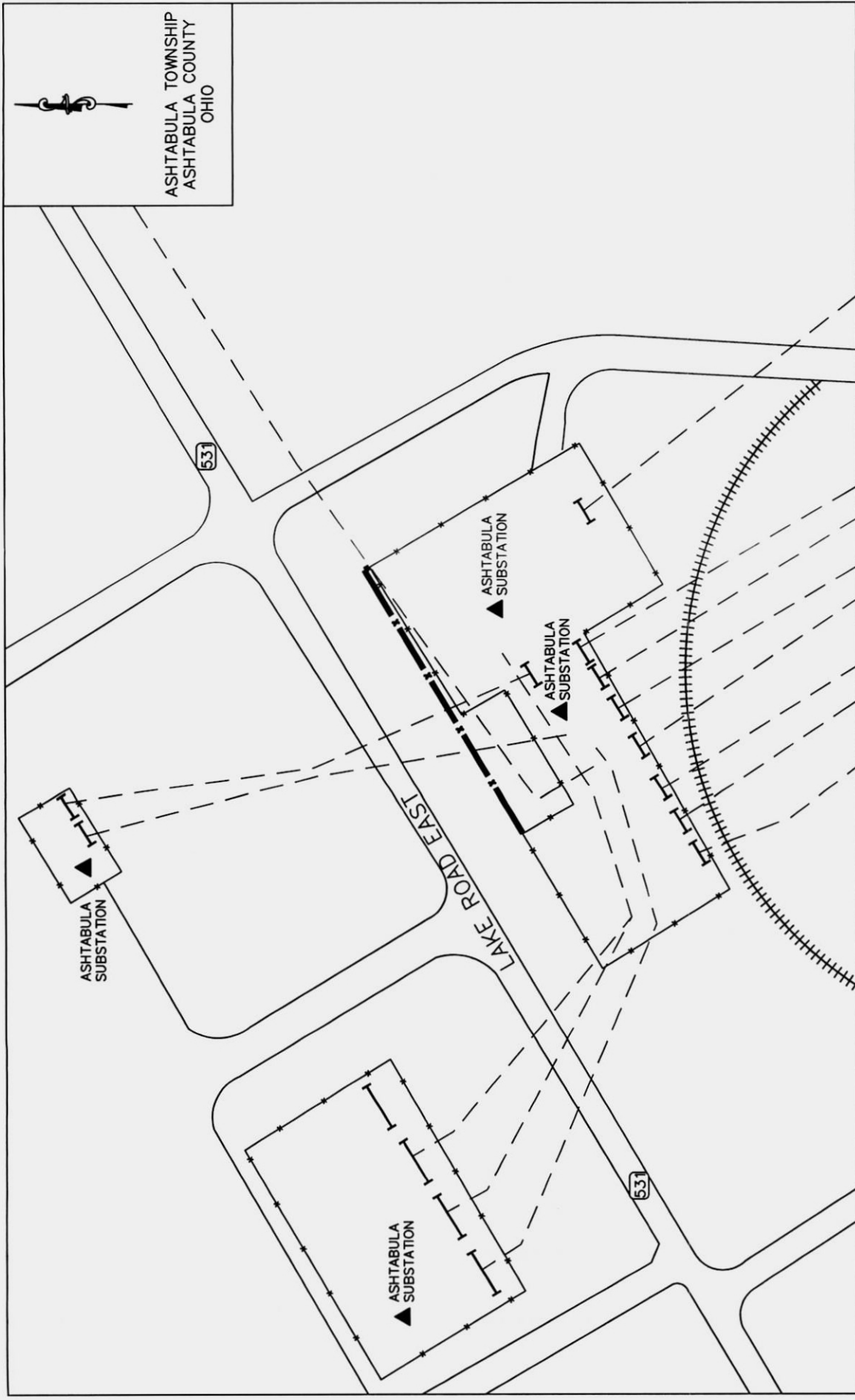
ATSI®
American Transmission Systems, Inc.
a subsidiary of FirstEnergy Corp.

EXHIBIT 2

**Ashtabula 138-kV
Substation Expansion Project**



Key Map not to Scale




 <p>ASHTABULA TOWNSHIP ASHTABULA COUNTY OHIO</p>		<p>ATSI® <small>American Transmission Systems, Inc. a subsidiary of FirstEnergy Corp.</small></p>		<p>ASHTABULA 138 kV SUBSTATION EXPANSION PROJECT</p>													
<p>LEGEND</p> <table border="0"> <tr> <td>▲</td> <td>EXISTING SUBSTATION</td> <td>---</td> <td>EXISTING CONDUCTOR</td> </tr> <tr> <td>—</td> <td>SUBSTATION FENCE LINE</td> <td>—</td> <td>EXISTING ROADS</td> </tr> <tr> <td>— x —</td> <td>PROPOSED SUBSTATION EXPANSION FENCE LINE</td> <td>+++++</td> <td>RAILROAD</td> </tr> </table>						▲	EXISTING SUBSTATION	---	EXISTING CONDUCTOR	—	SUBSTATION FENCE LINE	—	EXISTING ROADS	— x —	PROPOSED SUBSTATION EXPANSION FENCE LINE	+++++	RAILROAD
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—	SUBSTATION FENCE LINE	—	EXISTING ROADS														
— x —	PROPOSED SUBSTATION EXPANSION FENCE LINE	+++++	RAILROAD														
<p>GENERAL LAYOUT</p>																	
<p>EXHIBIT 3</p>																	



EXHIBIT 4

State Historic
Preservation Office

Legend

NR Listings

Listed

National Historic Landmark

Delisted

NR Determinations of Eligibi

Historic Structures

Historic Bridges

Historic Tax Credit Projects

OGS Cemeteries

Confident

Not Confident

Dams

UTM Zone Split

NR Boundaries

Phase1

Phase2

Phase3

Historic Previously Surveyed

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

