

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

**AMENDMENT ONE TO THE HAYES-WEST FREMONT  
138 kV TRANSMISSION LINE PROJECT**

**OPSB CASE NO.: 16-1593-EL-BTA**

**July 28, 2016**

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

**AMENDMENT ONE TO THE HAYES-WEST FREMONT  
138 kV TRANSMISSION LINE PROJECT  
Case Number 16-1593-EL-BTA**

On August 25, 2014 the Ohio Power Siting Board (“OPSB”) issued an Opinion, Order and Certificate, in Case Number 12-1636-EL-BTX, granting the Application of American Transmission Systems, Incorporated (“ATSI”) (“Applicant”) to construct the Hayes-West Fremont 138 kV Transmission Line Project (“Project”).

The attached Amendment application to the Hayes-West Fremont 138 kV Transmission Line Project proposes the installation of a second circuit on the OPSB Approved Route for the Project. The proposed installation of the second circuit is described in the attached Amendment application. Although the Applicant did not originally propose the installation of the second circuit during the construction of the approved Hayes-West Fremont 138kV Transmission Line, the potential for the installation of the second circuit was discussed in the original application because Applicant planned to design the Project to provide for the possible addition of the second circuit. Since the approval of the original Project by the OPSB, additional planning contingencies have been identified that support the need for the second circuit being installed at this time. Consequently, Applicant is requesting OPSB approval for the construction of the second circuit as the first circuit is being installed.

The Applicant has reviewed the proposed installation of the second circuit to the OPSB Approved Route and concluded that additional impacts from the installation of the second circuit are not expected to be significant, if any occur. Applicant has also reviewed the proposed Amendment application in light of the current construction of the Hayes-West Fremont 138kV Transmission Line and concluded that the installation of the second circuit during construction of the already approved Project will significantly reduce the impacts associated with the construction of the second circuit, The installation of the second circuit in the open arm position on the same structures as the Hayes-West Fremont 138 kV Transmission Line Project, as noted in the original Application will reduce redundancy in the construction process. Accordingly, the Applicant respectfully submits this request that the OPSB Approved Project be amended to allow for the installation of a second circuit, as described in this Amendment application.

The Applicant describes the proposed amendment in the appendices that are attached. For the OPSB's convenience, and as the proposed adjustment falls within the criteria for a Letter of Notification application pursuant to the appendices to Ohio Administrative Code ("OAC") Rule 4906-3-11(B), the Amendment application is presented in the Board's Letter of Notification ("LON") format. Specifically, Appendix A describes the addition of the second circuit, presented in the LON format. Appendix B lists the property owners and easements status per OAC Rule 4906-06-07. Appendix C lists the current public officials, libraries and parties of record of the original certificate allocation proceedings being provided a copy of the Amendment per OAC Rule 4906-06-07.

## APPENDIX A

### AMENDMENT ONE TO THE HAYES-WEST FREMONT 138 kV TRANSMISSION LINE PROJECT Case Number 16-1593-EL-BTA

#### 4906-6-05 (B) General Information

##### 4906-6-05 (B)(1) : Name and Reference Number

Name of Project: Amendment One to the Hayes-West Fremont 138 kV  
Transmission Line Project

Reference Number: The reference to the Long Term Forecast for the Hayes-  
West Fremont 138 kV Transmission Line Project was  
addressed and considered in the previous application  
filing and the subsequent Ohio Power Siting Board  
("OPSB") Opinion, Order and Certificate (12-1636-EL-  
BTX) and can be found on page 02-30 of the application.

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

In this first Amendment ("Amendment One") to the Hayes-West Fremont 138 kV Transmission Line Project, Applicant, American Transmission Systems, Incorporated ("ATSI"), proposes to install a second circuit on the route approved by the Board in Case No. 12-1636-EL-BTX. As stated in the original application for the Hayes-West Fremont 138 kV Transmission Line Project, the construction and installation of the Hayes West Fremont 138kV Transmission Line was designed to support the future installation of a second 138 kV transmission line on the same structures.

The Hayes-West Fremont 138 kV Transmission Line Project was approved as a single circuit transmission line with provisions for a second circuit. In the siting and design process for the original Project, the installation of a second circuit was

taken into account allowing for proper clearances and structure design to accommodate the additional circuit in the open arm position. Since the approval of the original application by the OPSB for the first circuit on the Hayes West Fremont 138Kv Transmission Line, system planning has determined that the second circuit is needed to address additional planning criteria and contingencies.

By installing the second transmission line circuit at the time of the initial construction, as proposed in this Amendment One, ATSI can utilize access and other construction related project elements that are already in use will reduce redundancy and construction related impacts in the construction process. Because the second 138 kV transmission line will occupy the open arm position, no additional disturbance is anticipated.

**4906-6-05 (B)(1)(b) : Why the Project Meets the Requirements for a Letter of Notification**

For the Board's convenience and in accordance with Ohio Administrative Code ("OAC") Rule 4906-3-11(B), as this amendment falls under the Letter of Notification application requirements in the appendices to Ohio Administrative Code Rule 4906-1-01, the amendment application is being submitted as a Letter of Notification ("LON") application. This amendment falls under OAC Rule 4906-3-11(B) which states: "Applications for amendments to certificates shall be submitted in the same manner as if they were applications for a certificate." The Project meets the requirements for a Letter of Notification application because the addition of a second circuit falls within Item (2)(b) Appendix A of Rule 4906-1-01 of the Ohio Administrative Code. This item states:

(2) 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:

(b) More than two miles.

### **4906-6-05 (B)(2): Need Statement**

The West Fremont - Hayes #2 138 kV Line is needed to address a "common-mode" contingency event (NERC Category C) in 2019, which results in 138 kV circuit overload violations in PJM and FE's load flow studies.

The Project Area Transmission System has been evaluated using the PJM Interconnection ("PJM") 2014 Load Forecast from the forecast report issued in February of 2014. At this time, the 138 kV Transmission Lines that connect ATSI's Ottawa, Lakeview, and Greenfield substations in the Toledo Edison and Ohio Edison service areas may experience severe thermal overloads following contingency events. The outage combination of greatest concern is a NERC Category C5 common-tower outage, which involves losing both circuits sharing a 345 kV tower line: the double-circuit tower line outage of the Davis Besse-Beaver and the Davis Besse-Hayes 345 kV transmission lines. This contingency results in an extreme thermal overload of the Ottawa-Lakeview 138 kV circuit and series Lakeview-Greenfield 138 kV circuit. Under this contingency, in order to reduce the circuit loading to below acceptable values, certain transmission lines would have to be sectionalized which increases the risk of system load loss and/or customer loads would have to be directly dropped in the northern Ohio areas between Port Clinton, Sandusky, and Lorain. The West Fremont-Hayes #2 138 kV Line project will also provide the ability to reliably serve existing electrical loads and new independent generation units, as well as facilitate future economic expansion in the region. The new 138 kV circuit between West Fremont and Hayes substations provides another west-to-east path for power flows, reducing the overloaded 138 kV circuits between Ottawa, Lakeview, and Greenfield substations and removing the risk of shedding customer loads during certain system contingencies.

When compared to other alternatives, the proposed Project is the best option to resolve capacity limitations, thermal overloads and low voltage violations. In addition, power losses on the high-voltage transmission system are reduced due to the Project by providing a more direct route for bulk power flows across the system.

The needed in-service date for the Project was June 1, 2019. However, due to additional generation plant retirements and the need to provide service to several new generation plants within the western service area, an accelerated in-service date for the project has been requested by PJM to be June 1, 2018. In the interim period before the project can be completed, the FE System Control Center will use operating procedures, in conjunction with PJM, to curtail the 138 kV circuit overloads. However this procedure involves sectionalizing the 138 kV networked system, which adds additional risk to the system, and is undesirable on a long-term basis.

Construction of this Project will provide a new, high-voltage transmission pathway for the Project Area and thereby correct for the existing circuit loading limitations in the area. PJM has considered this Project as part of its continuing review of the transmission system within the ATSI footprint and has assigned the project Baseline RTEP #b2560. The Transmission Expansion Advisory Committee (“TEAC”) Recommendations to the PJM Board as summarized in the PJM Staff Whitepaper, dated November 2014, which can be found on the PJM website at <http://www.pjm.com/committees-and-groups/committees/teac.aspx>. The whitepaper contains additional information regarding the drivers and need for this project and other projects within the ATSI footprint, as directed by PJM.

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

The location of the Project relative to existing or proposed transmission lines is described in reference to the FirstEnergy System Facilities map, included as the last page of Chapter 3 of the confidential portion of the Ohio Edison Company, The Cleveland Electric Illuminating Company, The Toledo Edison Company and American Transmission Systems, Incorporated’s 2015 Long-Term Forecast Report, submitted to the Public Utility Commission of Ohio (PUCO) in Case No. 15-0649-EL-FOR under Rule 4901:5-5-04(C) of the Ohio Administrative Code. This map shows ATSI’s 345 kV and 138 kV existing transmission lines and transmission substations and does not depict the proposed location of the Project. In reference to the map, the proposed Project is located in Erie and Sandusky

Counties approximately 6 inches (11 by 17 inch printed version) from the left edge of the map box and 3 inches (11 by 17 inch printed version) from the top of the map box.

**4609-6-05 (B)(4): Alternatives Considered**

Alternatives considered were the rebuild of the Lakeview-Ottawa and the Lakeview-Greenfield 138 kV Transmission Lines. The most efficient, timely and economic decision is the utilization of the open arm position on the Hayes-West Fremont 138 kV Transmission Line as approved by the Board in Case No. 12-1636-EL-BTX. This approach will all limit the number of impacts associated with construction of an approach to address this planning contingency.

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

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

**4609-6-05 (B)(6): Construction Schedule**

The Applicant is prepared to begin construction on the second circuit proposed in this Amendment following OPSB approval of the Amendment. As such the Applicant will be ready to commence construction on this portion of the Project as soon as approval is granted, and expects to complete and placed in-service by October 1, 2018.

**4609-6-05 (B)(7) Area Map**

A map of the overall project location was addressed and considered in the OPSB Opinion, Order and Certificate in Case No.12-1636-EL-BTX and can be found in figures 04-1A through 04-1F of the original application.

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

The status of easements, options, and/or land use agreements necessary to construct the second circuit and operate the facility are listed in Appendix B.



### **4906-6-05 (B)(9): Technical Features**

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

The addition of the second circuit, a 795 ACSR 26/7 conductor, will not change the operating characteristics that were addressed and considered in the OPSB Opinion, Order and Certificate in Case No. 12-1636-EL-BTX and can be found on page 04-13 of the original application.

#### **4906-6-05 (B)(9)(b): Calculated Electric and Magnetic Fields**

The electro-magnetic field (EMF) calculations that were addressed and considered in the OPSB Opinion, Order and Certificate in Case No. 12-1636-EL-BTX can be found on page 06-24 of the original application. The original Application identified a wire size and type as being 954 kcmil ACSR, found on page 04-14. With the addition of the second circuit, the wire size and type has been revised to be 795 ACSR 26/7 for both circuits.

The following calculations provide an approximation of the magnetic and electric fields strengths of the new 138 kV transmission lines. The calculations provide an approximation of the electric and magnetic field levels based on specific assumptions utilizing the Electric Power Research Institute (EPRI) EMF Workstation 2009 program software.

Factors that affect the level of magnetic and electric fields include variance in the ROW widths, daily and projected long-term transmission line loading, operating voltage, contingency operations, phase configuration, direction of current flows, conductor sag, ground elevation, unbalance conditions, and other nearby magnetic field sources or conductors of neutral current including water mains, metallic fences, and railroad tracks. Electric field computations assume that shrubs, trees, buildings, and other objects are not in close proximity to the facilities, as they produce significant shielding effects.

Other transmission or distribution facilities near the line will also affect the calculated fields. For example, a double-circuit loop configuration, with current flows in opposite directions, results in a partial reduction (cancellation) of the

magnetic field levels. The model and calculations include a number of assumptions including the following:

- Current flows are assumed in the direction expected under normal system operating conditions;
- The location of transmission line poles, attached conductors and static wire, and line phasing are based on preliminary engineering layouts;
- The calculated field levels assume a reference point approximately 3 feet (1 meter) aboveground.

Three loading conditions were modeled for the proposed transmission line. The three loading conditions are: 1) normal maximum loading, 2) emergency line loading, and 3) the winter normal conductor rating. The normal maximum loading represents the routine maximum loading that the transmission line would be operated. Daily current load levels would fluctuate below this level. The emergency maximum loading represents the maximum current flow in the transmission line under unusual circumstances and only for a short period of times. The winter normal conductor rating represents the maximum current flow that the conductor used on the Project can withstand during winter conditions. It is not anticipated that the transmission line would be operated at the winter normal conductor rating level of current flow.

The transmission line loadings used in the calculations are presented in tables below. As the line loads are similar for the Preferred and Alternate Routes, the modeled field strengths are approximately the same for both the Preferred and Alternate Routes and are based on a detailed model of the Preferred Route. This information was used to produce new EMF calculations that are shown below.

#### **4906-6-05 (B)(9)(b)(i): Calculated Electric and Magnetic Fields**

The following two charts are for the section of the Project from the West Fremont Substation to the Groton Substation.

Line Name	Normal Loading Amps	Emergency Loading Amps	Winter Rating Amps
Groton – West Fremont	417	574	1320
Hayes – West Fremont	351	623	1320

EMF CALCULATIONS		Electric Field kV/meter	Magnet Field mGauss
Normal Loading	Under Lowest Conductors	0.71	19.1
	At Right-of-Way Edges	0.32	14.5/12.3
Emergency Loading	Under Lowest Conductors	0.71	33.4
	At Right-of-Way Edges	0.32	14.6/17.1
Winter Rating	Under Lowest Conductors	0.71	73.2
	At Right-of-Way Edges	0.32	35.2/33.9

The following two charts are for the section of the Project from the Groton Substation to the Hayes Substation.

Line Name	Normal Loading Amps	Emergency Loading Amps	Winter Rating Amps
Groton – Hayes	179	317	1320
Hayes – West Fremont	351	623	1320

EMF CALCULATIONS		Electric Field kV/meter	Magnet Field mGauss
Normal Loading	Under Lowest Conductors	0.71	22.4
	At Right-of-Way Edges	0.32	8.2/15.1
Emergency Loading	Under Lowest Conductors	0.71	39.2
	At Right-of-Way Edges	0.32	14.0/26.1
Winter Rating	Under Lowest Conductors	0.71	73.2
	At Right-of-Way Edges	0.32	35.2/33.9

**4906-6-05 (B)(9)(b)(ii): Calculated Electric and Magnetic Fields**

The strength of EMFs can potentially be reduced by installing the transmission line conductors in a compact configuration and, for multiple circuit transmission lines, by selecting conductor phasing that reduces the field strengths. ATSI designs its facilities according to the requirements of the NESC. The pole heights and configuration were chosen based on NESC specifications, engineering parameters, and cost. ATSI’s typical practice, as proposed in the new construction portions of

this Project, is to install 138 kV transmission lines primarily on wood tangent structures supported on horizontal post insulators – this is a compact design that reduces EMF field strengths in comparison to other installations. Phasing on the adjacent circuits is opposite in order to minimize EMF effects. However, conductor spacing, distance, and loading will affect the degree to which this will occur.

**4906-6-05 (B)(9)(c): Estimated Costs**

The estimated capital costs related to the addition of the second circuit, which are in addition to the costs that were addressed and considered in the OPSB Opinion, Order and Certificate in Case No. 12-1636-EL-BTX and can be found on page 05-2 and table 05-1 of the original application, are \$9,000,000.

**4906-6-05 (B)(10): Social and Ecological Impacts**

**4906-6-05 (B)(10)(a): Land Use**

The addition of the second circuit to the OPSB Approved Route crosses land use that was addressed and considered in the OPSB Opinion, Order and Certificate in Case No. 12-1636-EL-BTX and can be found on page 06-3 of the original application. No changes to land use are anticipated as a result from the addition of the second circuit.

**4905-6-05 (B)(10)(b): Agricultural Land**

The addition of the second circuit to the OPSB Approved Route crosses the same percentage of agricultural land use that was addressed and considered in the OPSB Opinion, Order and Certificate in Case No. 12-1636-EL-BTX and can be found on page 06-11 of the original application.

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

In accordance with the OPSB Opinion, Order and Certificate, an investigation and report of cultural resources has been prepared for the OPSB Approved Route. This investigation includes the addition of the second circuit prior to starting construction.

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

There are no known local, state, or federal requirements that must be met prior to commencement of construction of the second circuit in addition to the OPSB Approved Route.

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

**Investigation**

An investigation of endangered or threatened species was addressed and considered in the OPSB Opinion, Order and Certificate o in Case No. 12-1636-EL-BTX and can be found on page 07-18 of the original application.

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

An investigation of endangered or threatened species was addressed and considered in the OPSB Opinion, Order and Certificate in Case No. 12-1636-EL-BTX and can be found on page 07-1 of the original application.

**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 NESC as adopted by the PUCO and will meet all applicable safety standards established by OSHA.

**4906-6-07: Documentation of Letter of Notification Transmittal and Availability for Public Review**

The Amendment is being provided concurrently to the current public officials and parties of record as listed in Appendix C, which accompanies the Amendment.

Information is posted

on [www.firstenergycorp.com/about/transmission\\_project/ohio.html](http://www.firstenergycorp.com/about/transmission_project/ohio.html) on how to request an electronic or paper copy of this Letter of Notification. The link to website is being proved to meet the requirement of OAC 4906-6-07 (B) and to provide the Board with proof of compliance with the notice requirements in OAC4906-6-07 (A)(3).

## APPENDIX B

**AMENDMENT ONE TO THE HAYES-WEST FREMONT  
138 kV TRANSMISSION LINE PROJECT  
Case Number 16-1593-EL-BTA**

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

<b>Parcel Number</b>	<b>Property Owner</b>	<b>Right of Way Agreement Status</b>
32-01604.000	TSL Properties	Easement Acquired
32-04578.001	Miller, Douglas C. & Linda M.	Easement Acquired
32-04890.000	Weilnau, Sandra M. - Trustee	Easement Acquired
32-02968.000	Ro-Bern Acres, Inc.	Easement Acquired
32-02969.000	Ro-Bern Acres, Inc.	Easement Acquired
25-00082.000	Baumgarden, Jacalyn Mary - Trustee	Easement Acquired
25-00217.000	Vickery, Merritt & Vivian M - Trustees	Easement Acquired
25-00218.000	Vickery, Merritt & Vivian M - Trustees	Easement Acquired
29-00140.000	Vickery, Merritt & Vivian M - Trustees	Easement Acquired
29-00059.000	Frank Russell Farms, LLC	Condemnation
27-00101.000	Frank Russell Farms, LLC	Condemnation
27-00114.000	Jarrett, James H. - Trustee	Easement Acquired
27-00098.000	Hanson, Mary Lou	Easement Acquired
29-00056.000	Hanson, Mary Lou	Easement Acquired
29-00054.000	Hanson, Mary Lou	Easement Acquired
29-60031.001	Ohio Turnpike Commission	Crossing Permit
29-00054.001	Cullen, Douglass C and Charlene D.	Easement Acquired

Parcel Number	Property Owner	Right of Way Agreement Status
27-00043.003	Cullen, Douglass C and Charlene D.	Easement Acquired
27-00197.000	Hanson Corporation	Negotiating
27-00150.000	Hanson Aggregates Midwest	Negotiating
27-00228.000	American Transmission Systems, Inc	Fee Simple
27-00083.000	American Transmission Systems, Inc	Fee Simple
	RailRoad	Crossing permit
27-00099.000	American Transmission Systems, Inc	Fee Simple
27-63002.000	Board of Trustees of Groton Township	Easement Acquired
27-00164.000	Ohio Road Paving Company	Easement Acquired
27-9007.000	Ohio Edison	Easement Acquired
27-00218.000	Stacy, Gary E.	Easement Acquired
27-00312.000	Stacy, Gary E.	Easement Acquired
27-00081.000	Westcott, Deborah S.	Easement Acquired
27-00034.000	Close Trustees	Easement Acquired
27-00128.000	Lepley, Sylvester J. - Trustee	Easement Acquired
27-00128.001	American Transmission Systems, Inc	Fee Simple
27-00053.000	CD&J, LTD	Easement Acquired
27-00173.004	KDE Holdings	Easement Acquired
27-00173.000	Kevin J. Schaffer	Clearance Easement
01-01-00-0001-13	Jeffrey P Fox & Laurie L. / SURV	Clearance Easement
27-00173.005	Michael L & Leslie A. Millis	Option Acquired
04-36-00-0012-00	James L (JR) & Jamie T Fitzgerald	Easement Acquired

<b>Parcel Number</b>	<b>Property Owner</b>	<b>Right of Way Agreement Status</b>
01-01-00-0001-14	James L (JR) & Jamie T Fitzgerald	Easement Acquired
01-01-00-0001-04	Floyd A Steinmetz	Easement Acquired
01-01-00-0001-03	Terry Groves	Easement Acquired
04-36-00-0012-02	William L Hartley	Easement Acquired
04-36-00-0010-00	Hartley Family Properties, LTD	Easement Acquired
04-36-00-0016-00	William L & Joan K Hartley	Easement Acquired
01-01-00-0003-00	Hartley Family Properties, LTD	Easement Acquired
04-35-00-0016-00	Hartley Family Properties, LTD	Easement Acquired
01-01-00-0001-00	Hartley, William L & Joan K / SURV	Easement Acquired
04-36-00-0004-00	William L Hartley	Easement Acquired
04-35-00-0007-00	Keith W. Collier	Easement Acquired
01-02-00-0009-03	Keith W. Collier	Easement Acquired
01-02-00-0009-00	Wayne H Collier	Easement Acquired
04-35-00-0012-00	Wayne P & Helen M Dauch	Easement Acquired
04-35-00-0001-00	Wayne P & Helen M Dauch	Easement Acquired
01-02-00-0008-00	James A & Lori Dauch	Easement Acquired
04-35-00-0014-00	David K Downing	Easement Acquired
04-34-00-0009-00	Leroy H Weiss	Easement Acquired
01-03-00-0008-00	Leroy H Weiss	Easement Acquired
04-34-00-0024-00	A & P Farms LLC	Easement Acquired
01-03-00-0001-00	Helen Jean Gallagher	Condemnation
04-34-00-0019-00	Helen Jean Gallagher	Condemnation



<b>Parcel Number</b>	<b>Property Owner</b>	<b>Right of Way Agreement Status</b>
04-34-00-0017-06	Marie R Fisher - Trustee	Easement acquired
04-34-00-0017-00	Marie R Fisher - Trustee	Easement acquired
04-33-00-0001-15	Tower Grain, LLC (Tom Wright)	Easement acquired
04-33-00-0001-00	KDE Holdings, LLC	Easement acquired
04-33-00-0014-00	James & Mary Hamilton	Easement acquired
04-34-00-0011-00	James & Mary Hamilton	Easement acquired
04-33-00-0010-00	CLARK-VUE Agricultural Holdings, LLC	Easement acquired
04-33-00-0007-01	Mark O & Mary E Wollenslegel	Easement Acquired
04-99-92-0006-00	JUS-COR, Investments C/O Lorenzen Realty	Easement Acquired
04-33-00-0007-00	Richard J. Kleinoeder	Easement Acquired
04-32-00-0008-00	Close Grain Farms, Inc	Easement Acquired
04-32-00-0013-00	Close Grain Farms, Inc	Easement Acquired
04-32-00-0001-00	Close Grain Farms, Inc	Easement Acquired
04-32-00-0005-00	David D & Carla J Fasano	Easement Acquired
04-32-00-0003-00 04-29-00-0005-00	Andrew T & Kimberly S Wright	Easement Acquired
04-29-00-0004-00	Robert J Gysan	Easement Acquired
04-29-00-0003-00	James H. Perry	Easement Acquired
04-30-00-0004-00	Joseph W. Parkhurst	Easement Acquired
04-31-00-0004-01	Wesley H & Guy W & Matthew H Miller	Easement Acquired
04-31-00-0001-00	Lekepa Farms	Easement Acquired
04-30-00-0023-00	Eilene K. Perry	Easement Acquired
08-25-00-0005-00	Eilene K. Perry	Easement Acquired

<b>Parcel Number</b>	<b>Property Owner</b>	<b>Right of Way Agreement Status</b>
08-25-00-0001-00	Eilene K. Perry	Easement Acquired
08-25-00-0004-00	Warner Brothers Farm	Easement Acquired
08-25-00-0018-00	Thomas E & Son Hui H Kwiatkowski	Easement Acquired
09-25-00-0001-01	Michael P & Nancy L Beier	Easement Acquired
08-25-00-0015-00	Kevin and Patrick Balduff	Easement Acquired
08-25-00-0011-00	Mark H & Gail A Payne	Easement Acquired
	Ohio Turnpike Commission	Crossing permit
08-25-00-0011-01	John E Payne	Easement Acquired
08-25-00-0016-00	John E Payne LLC	Easement Acquired
08-24-00-0019-00	John E Payne LLC	Easement Acquired
08-24-00-0017-00	Michelle L Welsch	Easement Acquired
08-23-00-0022-00	Dorthy L Barcus	Easement Acquired
08-23-00-0025-00	Toledo Edison	Easement Acquired
08-23-00-0037-00	Rail Road	Crossing Permit
08-23-00-0011-00	C W M Holdings, Inc	Easement Acquired
08-23-00-0005-00	Edward C Kennedy III	Easement Acquired
08-22-00-0006-01	Edward C Kennedy III	Easement Acquired
08-22-00-0006-00	Thomas L & Monica L Wright	Easement Acquired
08-22-00-0021-00	Joseph W Parkhurst	Easement Acquired
08-22-00-0019-00	Mary M Kennedy	Easement Acquired
08-22-00-0013-01	Douglass A & Christina R Vassar	Easement Acquired

<b>Parcel Number</b>	<b>Property Owner</b>	<b>Right of Way Agreement Status</b>
08-22-00-0015-00	Charles E, Paul J & Thomas D Kistler	Easement Acquired
08-22-00-0001-00	Kistler Brothers	Easement Acquired
08-21-00-0015-00	Richard E Wasserman JR	Easement Acquired
08-21-00-0008-00	Merry Lyn Bagwell, Trustee	Easement Acquired
08-21-00-0002-00	Kenneth R & Marilyn Giebel, Trustee	Easement Acquired
08-21-00-0005-00	Stephen J & Cynthia A Frontz	Easement Acquired
08-20-00-0016-00	Stephen J & Cynthia A Frontz	Easement Acquired
08-17-00-0009-00	Joseph A Halbeisen ET AL	Easement Acquired
08-17-00-0016-01	Polter Farms, LLC	Easement Acquired
08-17-00-0017-01	Danny L Polter	Easement Acquired
08-17-00-0011-00	L&M Farms, Inc	Easement Acquired
08-17-00-0012-00	George K Edmonds, Trust	Easement Acquired
08-18-00-0007-00 08-18-00-0001-00	Geraldine J Hahn, Trustee	Easement Acquired
08-18-00-0004-00	Polter Brothers Farms, LLC	Easement Acquired
08-18-00-0022-01	James L Scranton	Easement Acquired
13-13-00-0014-00	Denise Marsh	Easement Acquired
13-13-00-0004-01	State of Ohio ODNR	License Agreement
13-13-00-0016-00	George Rathfelder	Easement Acquired
13-13-00-0015-00	George Rathfelder	Easement Acquired
13-13-00-0018-00	Norma L Pence, Trustee	Easement Acquired
13-14-00-0004-00	Ralph L Rathfelder	Easement Acquired

<b>Parcel Number</b>	<b>Property Owner</b>	<b>Right of Way Agreement Status</b>
13-14-00-0007-02 13-14-02-0001-09	Ralph L Rathfelder	Easement Acquired
	Ohio Turnpike Commission	Crossing permit
13-14-02-0001-02	Arley M Stewart	Option
13-14-00-0007-00	Donald & Rosemary Wensinger	Existing Easement
13-14-02-0001-10	Monte & Victoria Collins	Existing Easement
13-14-02-0001-12	Robert & Robin Roth, Trustees	Existing Easement
	Ohio Turnpike Commission	Crossing permit
13-14-02-0001-03	Robert G & Patricia Bordner	Easement Acquired
	Sandusky RIVER	Crossing Permit
13-14-00-0010-00	American Transmission Systems, Inc	Fee Simple
13-14-00-0010-03	Leonard T & Barbara Heagney	Easement Acquired
13-14-00-0010-02	Gary William & Charlene Ann Logsdon	Easement Acquired
13-14-02-0001-06	District Petroleum Products, Inc	Easement Acquired
13-15-00-0006-00	District Petroleum Products, Inc	Easement Acquired
13-15-00-0008-00	Sunrise Hospitality, Inc	Easement Acquired
13-15-00-0007-00	Sunrise Hospitality, Inc	Easement Acquired
13-10-00-0006-00	Sunrise Hospitality, Inc	Easement Acquired
13-15-00-0017-01	Loren L Linder	Easement Acquired
13-15-00-0018-00	Loren L Linder	Easement Acquired
13-15-00-0042-03	Loren L Linder	Easement Acquired
13-15-00-0022-00	Ronald & Carol Waggner/Smith/Fox	Easement Acquired
13-15-00-0018-02	Jean F. Dickman	Easement Acquired

<b>Parcel Number</b>	<b>Property Owner</b>	<b>Right of Way Agreement Status</b>
13-15-00-0032-00	Rail Road	Crossing permit
13-15-00-0040-00	Thomas G & Judi Smith	Easement Acquired
13-16-00-0018-01	Frank J Michel	Easement Acquired
13-16-00-0018-03	Ronald L & Barbara Schmitz	Easement Acquired
13-16-00-0020-00	Ronald L & Barbara Schmitz	Easement Acquired
13-16-00-0008-00	Weickert Farms, LLC	Easement Acquired
13-17-00-0001-00	John C Draeger	Easement Acquired
13-17-00-0004-00	John C Draeger	Easement Acquired
13-17-00-0006-02	Carolyn M Fisher	Easement Acquired
13-17-00-0005-04	Gilbert C Overmyer	Easement Acquired
13-17-00-0005-00	Bernard R Overmyer	Easement Acquired
13-20-00-0014-00	Amor Farms LLC II	Condemnation
34-60-00-0422-00	American Municipal Power	Easement Acquired
13-20-00-0006-01	Toledo Edison	Easement Acquired

## APPENDIX C

**AMENDMENT TO THE HAYES-WEST FREMONT  
138 kV TRANSMISSION LINE PROJECT  
Case Number 16-1593-EL-BTA**

**4906-6-07: Documentation of Letter of Notification Transmittal**

**Sandusky County**

The Honorable Danny Polter  
Sandusky County Commissioner  
622 Croghan St.  
Fremont, OH 43420

Mr. James Moyer, P.E., P.S.  
Sandusky County Engineer  
2500 W. State St.  
Fremont, OH 43420

The Honorable Terry Thatcher  
Sandusky County Commissioner  
622 Croghan St.  
Fremont, OH 43420

Ms. Kay Reiter, Executive Director  
Economic Development  
2511 Countryside Dr.  
Fremont, OH 43420

The Honorable Charles Schwochow  
Sandusky County Commissioner  
622 Croghan St.  
Fremont, OH 43420

**City of Fremont**

The Honorable Jim Ellis  
Mayor, City of Fremont  
323 S. Front St.  
Fremont, OH 43420

Mr. Roy E. Yeager, Chair  
City of Fremont Planning Commission  
323 S. Front St.  
Fremont, OH 43420

Mr. Dallas Leake, President  
Fremont City Council  
323 S. Front St.  
Fremont, OH 43420

Mr. Joe Smith  
Director, Economic Development  
323 S. Front St.  
Fremont, OH 43420

City of Fremont  
Engineering Department  
323 S. Front St.  
Fremont, OH 43420

**Sandusky Township**

Mr. Michael P. Willis  
 Sandusky Township Trustee  
 2207 Oak Harbor Road  
 Fremont, OH 43420  
 Paul K. Lotycz  
 Sandusky Township Trustee  
 2207 Oak Harbor Road  
 Fremont, OH 43420

Mr. Gilbert C. Overmyer  
 Sandusky Township Trustee  
 2207 Oak Harbor Road  
 Fremont, OH 43420  
 Ms. Cynthia K. Zienta  
 Sandusky Township Fiscal Officer  
 2207 Oak Harbor Road  
 Fremont, OH 43420

**Rice Township**

Mr. Tim King  
 Rice Township Trustee  
 110 County Road 119  
 Fremont, OH 43420  
 Mr. Don Atkinson  
 Rice Township Trustee  
 110 County Road 119  
 Fremont, OH 43420

Mr. William C. Lamalie  
 Rice Township Trustee  
 110 County Road 119  
 Fremont, OH 43420  
 Ms. Kathleen M. Roosen  
 Rice Township Fiscal Officer  
 110 County Road 119  
 Fremont, OH 43420

**Riley Township**

Mr. Gary Overmyer  
 Riley Township Trustee  
 3093 State Route 412  
 Fremont, OH 43420  
 Mr. David Sachs  
 Riley Township Trustee  
 3093 State Route 412  
 Fremont, OH 43420

Mr. John W. Antesberger  
 Riley Township Trustee  
 3093 State Route 412  
 Fremont, OH 43420  
 Mr. Joseph A. Halbeisen  
 Riley Township Fiscal Officer  
 3093 State Route 412  
 Fremont, OH 43420

**Townsend Township**

Mr. Paul Warner  
 Trustee, Townsend Township  
 6214 C.R. 247  
 Vickery, OH 43464  
 Mr. Bruce Meggitt  
 Trustee, Townsend Township  
 5625 State Route 412  
 Vickery, OH 43464

Ms. Jean Leber  
 Trustee, Townsend Township  
 1560 County Road 310  
 Clyde, OH 43410  
 Ms. Cathy Bales  
 Fiscal Officer, Townsend Township  
 2739 County Road 306  
 Vickery, OH 43464

**York Township**

Mr. Lee Watson  
York Township Trustee  
5964 County Road 113  
Bellevue, OH 44811

Mr. Lee Patten  
York Township Trustee  
5964 County Road 113  
Bellevue, OH 44811

Mr. Doug Keegan  
York Township Trustee  
5964 County Road 113  
Bellevue, OH 44811

Ms. Leslie Fleming  
York Township Fiscal Officer  
5964 County Road 113  
Bellevue, OH 44811

**Green Creek Township**

Mr. Matt Hofelich  
Green Creek Township Trustee  
410 C.R. 242  
Fremont, OH 43420

Mr. Jim Newsome  
Green Creek Township Trustee  
2412 C.R. 185  
Clyde, OH 43410

Mr. Bill Ebert  
Green Creek Township Trustee  
931 C.R. 212  
Fremont, OH 43420

Ms. Danyelle Lantz  
Green Creek Township Fiscal Officer  
1990 W McPherson Hwy  
Clyde, OH 43410

**Erie County**

The Honorable Pat Shenigo  
Erie County Commissioner  
2900 Columbus Ave.  
Sandusky, OH 44870

Mr. John Farschman P.E., P.S.  
Erie County Engineer  
2900 Columbus Ave.  
P.O. Box 1180  
Sandusky, OH 44870

The Honorable Tom Ferrell  
Erie County Commissioner  
2900 Columbus Ave.  
Sandusky, OH 44870

Mr. Steve Poggiali, Director  
Erie County Regional Planning  
Commission  
2900 Columbus Ave  
Sandusky, OH 44870

The Honorable William Monaghan  
Erie County Commissioner  
2900 Columbus Ave.  
Sandusky, OH 44870



**Perkins Township**

Mr. Jim Lang  
Perkins Township Trustee  
2610 Columbus Avenue  
Sandusky, OH 44870

Ms. Timothy Coleman  
Perkins Township Trustee  
2610 Columbus Avenue  
Sandusky, OH 44870

Mr. Jeff Ferrell  
Perkins Township Trustee  
2610 Columbus Avenue  
Sandusky, OH 44870

Ms. Jane Gildenmeister  
Perkins Township Fiscal Officer  
2610 Columbus Avenue  
Sandusky, OH 44870

**Groton Township**

Mr. Roger Rowland  
Groton Township Trustee  
11212 Bemis Road  
Bellevue, OH 44811

Mr. Ronald Brown  
Groton Township Trustee  
12009 Potter Road  
Bellevue, OH 44811

Mr. Roger Russell  
Groton Township Trustee  
9916 N. State Route 269  
Bellevue, OH 44811

Ms. Linda Jett  
Groton Township Fiscal Officer  
7215 Magill Road  
Bellevue, OH 44811

**Oxford Township**

Mr. Scott Leber  
Oxford Township Trustee  
2512 Higbee Road  
Monroeville, OH 44487

Mr. James W. Stewart  
Oxford Township Trustee  
8719 Ransom Road  
Monroeville, OH 44487

Mr. Michael G. Parker  
Oxford Township Trustee  
5617 Taylor Road  
Sandusky, OH 44870

Mr. Phillip M. David  
Oxford Township Fiscal Officer  
4516 Wood Road  
Monroeville, OH 44487

**Margaretta Township**

Mr. Joe Bias Jr.  
Margaretta Township Trustee  
9010 Rogers Road  
Castalia, OH 44824

Mr. Timothy Riesterer  
Margaretta Township Trustee  
3320 Maple Avenue  
Castalia, OH 44824

Mr. Gary P. Pooch  
Margaretta Township Trustee  
4518 Tiffin Avenue  
Castalia, OH 44824

Ms. Mary Ann Lindsley  
Margaretta Township Fiscal Officer  
PO Box 215  
Castalia, OH 44824

**Public Libraries**

Ms. Pam Hoesman  
Director, Birchard Public Library  
423 Croghan Street  
Fremont, Ohio 43420

Ms. Molly Carver  
Director, Bellevue Public Library  
224 E Main Street  
Bellevue, 44811

Ms. Beth Leibengood  
Director, Clyde Public Library  
222 W Buckeye Street  
Clyde, Ohio 43410

Ms. Stephanie Buchanan  
Director, Sandusky Public Library  
114 West Adams Street  
Sandusky, Ohio 4487

**Interested Parties**

Dane Stinson  
BRICKER & ECKLER LLP  
100 South Third Street  
Columbus, OH 43215-4291

American Municipal Power, Inc.:  
John W. Bentine, Senior VP and  
General Counsel  
Lisa G. McAlister, Deputy General  
Counsel  
1111 Schrock Road, Suite 100  
Columbus, Ohio 43229

John H. Jones  
Assistant Section Chief  
Public Utilities Section  
180 E. Broad St., 6th Floor  
Columbus, OH 43215-3793

Stokes Farm:  
Glenn S. Krassen (Reg. No. 0007610)  
BRICKER & ECKLER LLP  
1001 Lakeside Avenue, Suite 1350  
Cleveland, OH 44114