

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

LETTER OF NOTIFICATION

**EAST SPRINGFIELD-LONDON #2 138 kV TRANSMISSION
LINE EXTENSIONS TO NORTH TITUS SUBSTATION
PROJECT**

OPSB CASE NO.: 18-0086-EL-BLN

February 1, 2018

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

**LETTER OF NOTIFICATION
EAST SPRINGFIELD-LONDON #2 138 kV TRANSMISSION LINE
EXTENSION TO NORTH TITUS SUBSTATION PROJECT**

The following information is being provided in accordance with the procedures in the Ohio Administrative Code (OAC) Chapter 4906-6 for the application and 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 (“Board”) as a Letter of Notification application.

4906-6-05: ACCELERATED APPLICATION REQUIREMENTS

4906-6-05: Name

Name of Project: East Springfield-London #2 138 kV Transmission Line Extensions to North Titus Substation Project (“Project”).

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

In this Project, American Transmission Systems, Incorporated (“ATSI”), a FirstEnergy company, is proposing to construct two separate transmission line segments from the East Springfield-London #2 138 kV Transmission Line to the new North Titus Substation. These lines will be an approximately 1.0-mile-long East Springfield-North Titus 138 kV Transmission Line and an approximately 0.6-mile-long London-North Titus 138 kV Transmission Line. The Project is needed for Silfex Inc.’s (“Silfex”) new manufacturing facility located in the City of Springfield, Clark County, Ohio.

The proposed East Springfield-North Titus 138 kV Transmission Line Extension begins approximately 2,170 feet (0.41 miles) north of the intersection of S. Charlestown Pike (State Route 41) and Gateway Blvd and approximately 250 to the south of existing Structure #5720. The route of this extension then trends east approximately 4,520 feet (0.86 miles) before turning to the southeast for approximately 265 feet (0.05 miles). The route then trends east for approximately 290 (0.05 miles) feet to the proposed location of North Titus Substation. The total length of this route will be approximately 5,075 feet (0.96

miles). This route requires fifteen (15) new structures of which twelve (12) are shown in Exhibit 4, two (2) are shown in Exhibit 6, and one (1) is shown in Exhibit 9.

The proposed London-North Titus 138 kV Transmission Line Extension begins approximately 35 feet (0.01 miles) west of Titus Road and approximately 60 feet (0.01 miles) east of existing Structure #5728. The route of this extension trends to the north approximately 1,060 feet (0.20 miles) before turning to the northeast for approximately 390 feet (0.07 miles). The route then heads north for approximately 1,330 (0.25 miles) feet before turning to the east for approximately 125 feet (0.02 miles) and into the proposed location of North Titus Substation. The total length of this route will be approximately 2,905 feet (0.55 miles). This route will install eight (8) new structures of which three (3) are shown in Exhibit 4, three (3) are shown in Exhibit 5, one (1) is shown in Exhibit 7, and one (1) is shown in Exhibit 8.

795 kcmil 26/7 ACSR conductor and 7#8 Alumoweld shield wire will be installed on both new transmission line extensions to North Titus Substation. The existing 477 kcmil 26/7 ACSR conductors and 7#8 Alumoweld shield wire strung between the new tap structures adjacent to existing structures #5720 and #5728 shall remain installed and be de-energized.

The general location of the Project is shown in Exhibit 1, a partial copy of the United States Geologic Survey, Clark County OH, Quad Map, ID number o39083. Exhibit 2 is a copy of Bing aerial imagery of the Project area. The general layout is shown in Exhibit 3. The Project will be located in Springfield Township and the City of Springfield, Clark County Ohio.

4906-6-05 (B)(1): Letter of Notification Requirement

The Project meets the requirements for a Letter of Notification because the Project is within the types of projects defined by Items (1)(b) and (1)(d)(ii) of the Application Requirement Matrix for Electric Power Transmission Lines, Appendix A of OAC Rule 4906-1-01. These items state:

(1) New construction, extension, or relocation of single or multiple circuit electric power transmission line(s), or upgrading existing transmission or distribution line(s) for operating at a higher transmission voltage, as follows:

(b) Line(s) greater than 0.2 miles in length but not greater than two miles in length.

(1) New construction, extension, or relocation of single or multiple circuit electric power transmission line(s), or upgrading existing transmission or distribution line(s) for operating at a higher transmission voltage, as follows:

(d) Line(s) primarily needed to attract or meet the requirements of a specific customer or customers, as follows:

(ii) Any portion of the line is on property owned by someone other than the specific customer or applicant.

The proposed Project is within the requirements of Item (1)(b) as the total length of the Project is approximately 1.55 miles long. The proposed Project is within the requirements of Item (1)(d)(ii) as it involves the new construction of two transmission line extensions that are needed for Silfex and a portion of the transmission lines is on property owned by someone other than Silfex or ATSI.

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

The Project is needed to provide power to Silfex's new manufacturing facility. Silfex is requesting separate lines, in a diverse path, to reduce the risk of failure during their manufacturing process if they experience loss of power. Their operation is highly sensitive to power interruption, which can result not only in a significant loss of production, but can also create a safety issue for the facility

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. 2017 Long-Term Forecast Report. This map was submitted to the PUCO in Case No. 17-0913-EL-FOR under Rule 4901:5-5:04 (C)(2)(b) of the Ohio Administrative Code. The map is incorporated by reference only. This map shows ATSI's 345 kV and 138 kV transmission lines and transmission substations including the East Springfield-London #2 138 kV Transmission Line. The project area is located approximately 2 ½ inches (11" x 17" printed version) from the left edge of the map and 8 ⅙ inches (11" x 17" printed version) from the top of the map. The general location and layout of the project area is shown in Exhibit 1 and 2.

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

The general area of the Project was carefully considered to identify potential routes that are constructible, minimize potential impacts to the extent practical, and meet the needs of the new manufacturing facility. The entire Gateway Industrial Park area was surveyed for possible routes. Early in this process the Springfield Chamber of Commerce, Gateway Industrial Park, and local property owners were engaged to provide input into the process. Based on the public input received, resource agency reviews and existing land use considerations, as well as the findings of field assessments, the proposed routes were selected.

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

The City of Springfield Chamber of Commerce and the existing landowners and occupants of the Gateway Industrial Park were advised of this Project during fourth quarter 2017 to seek input with respect to route selection. ATSI's manager of External Affairs will continue to advise local officials of features and the status of the proposed Project as necessary. ATSI will maintain a copy of this Letter of Notification on FirstEnergy's website. Letters will be sent to affected property owners at least 7 days before construction begins on the Project informing them of the Project's start and a proposed timeframe of construction and restoration activities.

ATSI will publish notice of the Project in The Springfield Sun. Additionally, letters will be sent to affected property owners when this Letter of Notification is submitted to the Board informing them of the Project.

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

The construction schedule for this Project is expected to begin as early as March 1, 2018 and completed by November 30, 2018.

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

Exhibit 1 depicts the general location of the Project. This Exhibit provides a partial copy of the United States Geological Survey, Clark County OH, quadrangle map (Quad Order ID o39083). Exhibit 2 provides a copy Bing of aerial imagery of the project area.

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

The Project is located on existing, new, and public right-of-way. New right-of-way is required for a majority of the Project. Table 1 contains a list of property owners affected by the Project.

Table 1: Property Owner List				
Parcel Number	Property Owner	Property Address	Easement Type	Easement Status
300-07-00010-200-001	Brian and Jennifer Harbage	S. Charleston Pk Rear	Right of Way	Obtained
300-07-00010-400-001	Brian and Jennifer Harbage	780 Titus Ln	Tree Clearing	Obtained
300-07-00010-400-002	Brian and Jennifer Harbage	780 Titus Ln	Construction Storage	Obtained
300-07-00010-200-005	Community Improvement Corporation of Springfield and Clark County, OH	S. Charleston Pk Rear	Right of Way	Obtained

Table 1: Property Owner List				
Parcel Number	Property Owner	Property Address	Easement Type	Easement Status
300-07-00010-200-003	Community Improvement Corporation of Springfield and Clark County, OH	S. Charleston Pk Rear	Right of Way	Obtained
300-07-00004-000-071	Reed Elsevier, Inc.	601 Benjamin Dr	Right of Way	Will Be Obtained
330-07-00004-000-060	NTD Properties, LTD	785 Benjamin Dr	Tree Clearing	Will Be Obtained
330-07-00004-000-063	Benjamin Dr (City of Springfield, Ohio)	Benjamin Dr	Right of Way	Will Be Obtained
330-07-00004-000-064	Dole Dried Fruit and Nut Company	660 Benjamin Dr	Right of Way	Will Be Obtained
305-07-00004-000-012	Bud Antle, Inc.	693 Titus Rd	Right of Way	Will Be Obtained
300-07-00004-000-013	Marion L. Cornell	787 Titus Rd	Tree Clearing	Obtained
330-07-00004-000-062	4890 Gateway, LLC	4980 Gateway Blvd	Right of Way	Will Be Obtained
300-07-00004-000-018	Matthew A. & Victoria Clark	790 Titus Rd	Tree Clearing	Will Be Obtained
305-07-00004-000-069	Silfex, Inc.	1000 Titus Rd	Right of Way	Will Be Obtained
330-07-00004-000-068	Fibricon Enterprises II, Inc.	4981 Gateway Blvd	Right of Way	Will Be Obtained
N/A	ODOT (I-70)	I-70	Right of Way/Permit	Will Be Obtained
300-07-00003-200-001	Allen E. Hayslip, Jr	1266 Titus Rd	Tree Clearing	Will Be Obtained

Table 1: Property Owner List				
Parcel Number	Property Owner	Property Address	Easement Type	Easement Status
330-07-00004-500-004	Norfolk Southern	Railroad	Right or Way/Permit	Will Be Obtained
300-07-00003-600-001	Ohio Edison Company	1243 Titus Rd	N/A	Owned in Fee

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

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

The transmission line construction will have the following characteristics:

Voltage: 138 kV

Conductors: 795 kcmil 26/7 ACSR

Static Wire: OPGW & 7#8 Alumoweld

Insulators: Polymer

ROW Width: 60 feet

Land Requirements: 135 feet from the edge of right-of-way needed for adjacent tree clearing.

Structure Types: Exhibit 4: Single Circuit, Wood Pole, Horizontal Post Tangent Structure. Fifteen (15) structures are needed.

Exhibit 5: Single Circuit, Steel Pole, Deadend Angles 0-60 Degree Structure. Three (3) structures are needed.

Exhibit 6: Single Circuit, Wood Pole, Deadend Angles 20-60 Degrees Structure. Approximately two (2) structure is needed.

Exhibit 7: Single Circuit, Wood Pole, Deadend 60-120 Degrees Structure. Approximately one (1) structure is needed.

Exhibit 8: Double Circuit, Steel Pole, 3-Way Deadend Tap Structure. Approximately one (1) structure is needed.

Exhibit 9: Double Circuit, Steel Pole, 3-Way Deadend Tap Structure. Approximately one (1) structure is needed.

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

The closest occupied residence or institution is approximately 102 feet from the proposed transmission line centerline therefore no Electric and Magnetic Field (“EMF”) calculations are required by this code provision.

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

The estimated capital cost for the proposed Project is approximately \$3,491,351. The cost of the proposed Project will be split among ATSI and Silfex Inc. ATSI will cover the cost of one single circuit tap line to the proposed substation, which is estimated at approximately \$2,247,800. This is an ATSI cost because of the potential for future extension and service to other customers in the area for the single circuit tap line. Silfex, Inc. will pay for the remainder of the overall Project cost, which will consist of the construction of the second transmission line tap and North Titus substation.

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

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

The Project is located in Springfield Township and the City of Springfield, Clark County Ohio. The main land use around the Project is a mixture of agricultural and industrial land.

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

Agricultural land does exist within the Project’s disturbance area. Approximately 0.35 miles in length of the right-of-way for the proposed East Springfield-North Titus 138 kV Extension is on the edge of 4 parcels that aerial photography indicated are used for agricultural purposes. A list of all agricultural land and acreage including agricultural district land is given in Table 2.

Table 2: Agricultural Lands within the Project's Disturbance Area				
Parcel Number	Property Owner	Acreage	Agricultural District	Agricultural District Expiration
300-07-00010-200-001	Brian and Jennifer Harbage	17.78	No	N/A
300-07-00010-200-005	Community Improvement Corporation of Springfield and Clark County, OH	31.80	No	N/A
300-07-00010-200-003	Community Improvement Corporation of Springfield and Clark County, OH	29.03	No	N/A
305-07-00004-000-012	Bud Antle, Inc.	26.55	No	N/A

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

As part of the investigation, a search of Ohio Historic Preservation Office (“OHPO”) online database was conducted to identify the existence of any significant archeological or cultural resource sites within 0.5 miles of the Project Area. The results of the search are shown in Exhibit 10. The specific locations of any archeological resources are excluded from the map and are instead listed in Table 3.

The OHPO database includes all Ohio listings on the National Register of Historic Places (“NRHP”), including districts, sites, building, structures, and objects that are significant in American history, architecture, archeology, engineering, and culture. The results of the search indicate that no listed NRHP sites and no NRHP eligible sites were identified within 0.5 miles of the Project 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. Seven (7) OAI listed archeological

resource has been previously inventoried within 0.5 miles of the Project area and is shown in Table 3. Two (2) OHI listed structural resources are located within 0.5 miles of the Project area and are shown in Table 4. Four (4) previous Phase I archeological resource surveys were conducted within 0.5 miles of the Project area and is provided in Table 5. One (1) OSG cemeteries is located within 0.5 miles of the Project area and is provided in Table 6.

Table 3. List of OAI Listed Archeological Resources				
OAI Number	Affiliation	Description	County	Quad Name
CL0568	Prehistoric	Unknown Prehistoric	Clark	New Moorefield
CL0573	Historic	Non-Aboriginal	Clark	New Moorefield
CL0577	Prehistoric	Unknown Prehistoric	Clark	New Moorefield
CL0578	Prehistoric	Unknown Prehistoric	Clark	New Moorefield
CL0579	Prehistoric	Unknown Prehistoric	Clark	New Moorefield
CL0580	Prehistoric	Unknown Prehistoric	Clark	New Moorefield
CL0598	Historic	Non-Aboriginal	Clark	New Moorefield

Table 4. List of OHI Listed Structural Resources				
OHI Number	Present Name	Historic Use	County	Municipality
CLA0202501	Terry S. & Pamela J. Merrill House	Single Dwelling	Clark	Springfield Township
CLA0202601	Walton E. Cox	Single Dwelling	Clark	Springfield Township

Table 5. List of Previous Cultural & Historic Resource Survey			
Year	Name	County	Municipality
1986	Letter Report: An Archaeological Reconnaissance Of The CLA-41-12.50 Project Area: Springfield Township, Clark County, Ohio	Clark	Springfield Township
2006	Phase I Archaeological Field Reconnaissance of a Proposed Technology Park in Springfield, Clark County, Ohio	Clark	Springfield Township
2006	Phase I Archaeological Field Reconnaissance of a Proposed Technology park (Tracts II and III) in Springfield, Clark County, Ohio	Clark	Springfield Township
2013	Phase I Archaeological Survey of the East Springfield-London 138 KV Electric Transmission Line Project, (Union Township) Madison and (Harmony Township and the City of Springfield) Clark Counties, Ohio	Clark	Springfield Township

Table 6. List of OGS cemeteries			
OGS ID	Name	Municipality, County	Location
1747	Titus	Springfield Township, Clark County	Not Confident/Location Lost -West of Titus Road. Between US 40 and I-70

The closest OAI listed archaeological site is approximately 0.11 miles away from the proposed East Springfield-North Titus 138 kV Extension. Several other OAI listed archeological sites are identified at slightly greater distances. All of the more proximate OAI listed sites are identified in a 2006 Phase I field survey, the “Phase I Archaeological Field Reconnaissance of a Proposed Technology park (Tracts II and III) in Springfield, Clark County, Ohio”. An approximately 0.30-mile segment of the western end of the proposed East Springfield-North Titus 138 kV Extension is also located within the previous Phase I survey area. Given the previous Phase I and the fact that the rest of the proposed Project area is located within an existing developed industrial park, no potential impacts to any archeological sites are expected from the Project.

The closest OHI structure is located approximately 0.23 miles north of the proposed East Springfield-North Titus 138 kV Transmission Line Extension. Given the distance away from the proposed Project no impacts are expected.

One OGS cemetery was identified in the search. However, according to the information obtained the location of the cemetery was lost with the only description being somewhere west of Titus Road between US-40 and I-70. Based on the land usage in this area as either tilled farmland or as an industrial park, it is unlikely that the cemetery is located within the Project limits. Additionally, field surveys completed during the stream and wetlands delineation did not reveal any features suggestive of a cemetery, therefore no impacts to the referenced OGS cemetery are expected.

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

Table 7 shows the list of government agency requirements and the filing status at the time of filing.

Table 7. List of Government Agency Requirements to be Secured Prior to Construction		
Agency	Permit Requirement	Status
Ohio EPA	General NPDES Construction Storm Water Permit	Will be Filed
Clark County Engineers Office	County Level SWP3	Will be Filed
ODOT	Aerial Crossing Permit (I-70)	Will be Filed
ODOT	Access Road Permit	Will be Filed
City of Springfield	Access Road Permits	Will be Filed
City of Springfield	Roadway Occupancy Permits	Will be Filed
Norfolk Southern	Aerial Crossing Permit (Railroad)	Will Be Filed

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

ATSI contracted AECOM to submit a request to the Ohio Department of Natural Resources (“ODNR”) Office of Real Estate to conduct an Environmental Review. As part of the Environmental Review, the ODNR Office of Real Estate conducted a search of the ODNR Division of Wildlife’s Natural Heritage Database to research the presence of any endangered, threatened, or rare species within one (1) mile of the Project area. The ODNR’s Office of Real Estate’s response on January 19, 2018 indicated that two (2) federal and state endangered species, one (1) federal threatened and state endangered species, two (2) state endangered species, and three (3) state threatened species are within the range of the identified Project area. A copy of ODNR’s Office of Real Estate’s response is included as Exhibit 11.

AECOM also submitted a request to the US Fish and Wildlife Service (“USFWS”) for an Ecological Review to research the presence of any endangered, threatened, or rare species within one (1) mile of the Project area. A copy of USFWS’s Ecological Review response is included as Exhibit 12. The USFWS’s response on December 19, 2017 indicated that they have records of one (1) federal and state endangered species, and one (1) federal and state threatened species. A list of all endangered, threatened, and rare species, as identified by ODNR and USFWS, is provided in Table 8.

Table 8: List of Endangered, Threatened, and Rare Species				
Common Name	Scientific Name	Federal Listed Status	State Listed Status	Affected Habitat
Indiana Bat	<i>Myotis sodalis</i>	Endangered	Endangered	Trees & Forest
Northern Long-Eared Bat	<i>Myotis septentrionalis</i>	Threatened	Threatened	Trees & Forest
Rayed Bean	<i>Villosa fabalis</i>	Endangered	Endangered	Perennial Streams
Snuffbox	<i>Epioblasma triquetra</i>	Endangered	Endangered	Perennial Streams
Iowa Darter	<i>Etheostoma exile</i>	N/A	Endangered	Perennial Streams

Table 8: List of Endangered, Threatened, and Rare Species				
Common Name	Scientific Name	Federal Listed Status	State Listed Status	Affected Habitat
Tonguetied Minnow	<i>Exoglossum laurae</i>	N/A	Threatened	Perennial Streams
Spotted Turtle	<i>Clemmys guttata</i>	N/A	Threatened	Wetlands, Pond Edges
Eastern Massasauga	<i>Sistrurus catenatus</i>	Threatened	Endangered	Wetlands and Bordering Upland Areas
Kirtland's Snake	<i>Clonophis kirtlandii</i>	N/A	Threatened	Wetlands
Upland Sandpiper	<i>Bartramia longicauda</i>	N/A	Endangered	Dry grasslands, Pastures, Hayfields

The response from ODNR and USFWS indicated the Project is within the range of the federal and state endangered Indiana Bat (*Myotis sodalis*) and the federal threatened Northern Long-Eared Bat (*Myotis septentrionalis*). This Project will require tree clearing on approximately 0.5 miles of the East Springfield-North Titus 138 kV Transmission Line Extension and approximately 0.1 miles of the London-North Titus 138 kV Transmission Extension. ATSI will adhere to the seasonal tree clearing restrictions between October 1st and March 31st to avoid any potential impacts to these species. If this schedule cannot be achieved and the clearing of trees outside of this window is necessary, consultation with ODNR and USFWS will be completed prior to clearing.

The response from ODNR indicated that the Project Area is within the range of the Rayed Bean (*Villosa fabalis*), the Snuffbox (*Epioblasma triquetra*), the Iowa Darter (*Etheostoma exile*), and the Tonguetied Minnow (*Exoglossum laurae*). No impacts to these species are expected as is stated in the ODNR response due to the Project's location and the lack of any impacts to streams.

The response from ODNR indicated that the Project Area is within the range of the Spotted Turtle (*Clemmys guttata*). No impacts to this species is expected due to the Project's location and in the lack of impacts to wetlands or ponds as is stated in the ODNR response.

The response from ODNR indicated that the Project Area is within the range of the Eastern Massasauga (*Sistrurus catenatus*), and the Kirtland's Snake (*Clonophis kirtlandii*). No impacts to these species are expected as is stated in the ODNR response due to the Project's location and that no work is proposed in wetlands.

The response from ODNR indicated that the Project Area is within the range of the Upland Sandpiper (*Bartramia longicauda*). This species nests on dry grasslands, pastures, and hayfield habitats and the nesting period is April 15th to July 31st. Impacts to this type of habitat is not anticipated. Additionally, Access roads to the Project Area will be constructed before April 15th and therefore, the project is not likely to impact this species, no impacts to this species are anticipated as is as stated in the ODNR response

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

ATSI contracted AECOM to submit a request to the ODNR Office of Real Estate to conduct an Environmental Review. The ODNR Office of Real Estate researched the presence of any unique ecological sites, geological features, animal assemblages, scenic rivers, state wildlife areas, nature preserves, parks or forest, national wildlife refuges, or other protected natural areas within one (1) mile of the project area. The ODNR's Office of Real Estate's response on January 19, 2018 indicated that they have two (2) records of the aforementioned areas within one (1) mile of the identified Project Area.

The unique ecological sites identified within one (1) mile of the Project Area include the Prairie Fen Plant Community and the Redmond Fen Conservation Site. Although the response from the ODNR did not specify the exact location of these areas, no areas meeting the characteristics of a fen community are located within the Project Area. Therefore, no impacts to these areas resulting from the Project are anticipated.

ATSI also hired AECOM to conduct a wetland and stream assessment of the Project area. AECOM's investigation focused on an approximately 200-foot survey corridor along the proposed right-of-way. During the study, AECOM identified two (2) wetlands totaling approximately 0.15 acres, one (1) intermittent stream totaling approximately 224 feet in length, and one (1) pond totaling approximately 0.1 acres within the surveyed corridor. Detailed results of the survey are shown in AECOM's Wetland Delineation and Stream Assessment Report in Exhibit 13.

No structures will be placed within wetland areas and temporary construction access for the Project will avoid streams and wetland areas to the extent practicable. Temporary access, where necessary will utilize construction matting to avoid impacts. Additionally, orange construction fencing will be installed to prevent unplanned access to adjacent sensitive areas. A map of the construction access for the Project will provide to Broad as soon as it is available.

The Project work limits do not encroach on any regulated flood plains based on a review of online FEMA Flood Insurance Rate Mapping.

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 Electric 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 Letter of Notification Transmittal and Availability for
Public Review**

This Letter of Notification application is being provided concurrently with its docketing with the Board to the following officials in Springfield Township and the City of Springfield, Clark County, Ohio.

Clark County

Commissioner Melanie F. Wilt
Clark County Commissioners
50 E. Columbia St.
Springfield, OH 45501

Commissioner Lowell McGlothin
Clark County Commissioners
50 E. Columbia St.
Springfield, OH 45501

Commissioner Richard Lohnes
Clark County Commissioners
50 E. Columbia St.
Springfield, OH 45501

Ms. Jennifer Hutchinson
Clark County Administrator
50 E. Columbia St.
Springfield, OH 45501

Ms. Jo Anderson, Chairperson
Clark County Planning Commission
Springview Government Center
3130 E. Main Street,
Springfield, OH 45505

Ms. Elaine Stevenson, Vice-Chair
Clark County Planning Commission
Springview Government Center
3130 E. Main Street,
Springfield, OH 45505

Mr. Johnathan A. Burr, P.E., P.S.
Clark County Engineer
4075 Laybourne Road
Springfield, OH 45505

Mr. Chris Simpson, District Adm.
Clark County SWCD
Springview Government Center
3130 E. Main St.
Springfield, Ohio 45505

City of Springfield

Mr. Jim Bodenmiller, City Manager
City of Springfield
76 E High St, 3rd Floor
Springfield, OH 45502

Mr. Bryan Heck,
Deputy City Manager
City of Springfield
76 E High St, 3rd Floor
Springfield, OH 45502

Mr. Warren R. Copeland, Mayor
City of Springfield
76 E High St
Springfield, OH 45502

Ms. Joyce Chilton, Asst. Mayor
City of Springfield
76 E High St
Springfield, OH 45502

Ms. Jill Pierce, Clerk
City of Springfield
76 E High St
Springfield, OH 45502

Mr. Tom Franzen
Director of Economic Development
City of Springfield
76 E High St, 3rd Floor
Springfield, OH 45502

Mr. Leo Shanayda
City Engineer
City of Springfield
76 E High St, 2nd Floor
Springfield, OH 45502

Mr. Stephen Thompson
Planning Administrator
City of Springfield
76 E High St,
Springfield, OH 45502

Springfield Township

Mr. Tim Foley, Trustee
Springfield Township
2777 Springfield Xenia Rd,
Springfield, OH 45506

Mr. John Roeder, Trustee
Springfield Township
2777 Springfield Xenia Rd,
Springfield, OH 45506

Mr. Jim Scoby, Trustee
Springfield Township
2777 Springfield Xenia Rd,
Springfield, OH 45506

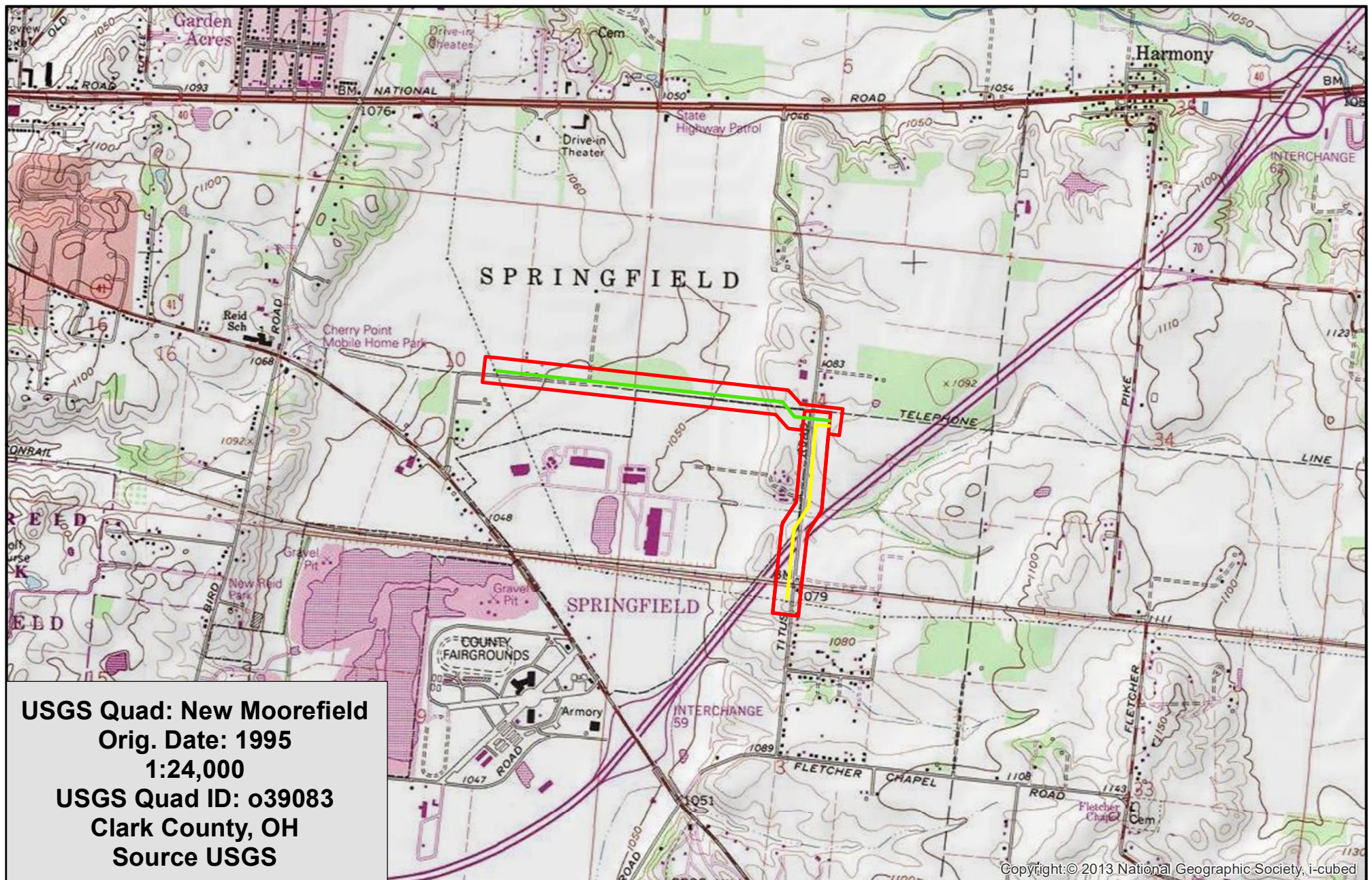
Mr. Mike Hively, Fiscal Officer
Springfield Township
2777 Springfield Xenia Rd,
Springfield, OH 45506

Library

Ms. Sally Rizer, Director
Clark County Public Library
201 South Fountain Avenue
Springfield, OH 45506

Copies of the transmittal letters to these officials have been included with this application as proof of compliance under OAC Rule 4906-6-07 (B) and to provide the Board with proof of notice to local officials as required by OAC Rule 4906-6-07 (A)(1) and to libraries per OAC Rule 4906-6-07 (A)(2).

Information is posted at www.firstenergycorp.com/about/transmission_project/ohio.html on how to request an electronic or paper copy of this Letter of Notification application. The link to this website is being provided to meet the requirements of OAC Rule 4906-6-07 (B) and to provide the Board with proof of compliance with the notice requirements in OAC Rule 4906-6-07 (A)(3).



0 1,200 2,400 3,600
 Feet
 1:24,000

- East Springfield-North Titus 138 kV Extension
- London-North Titus 138 kV Extension
- Project Area

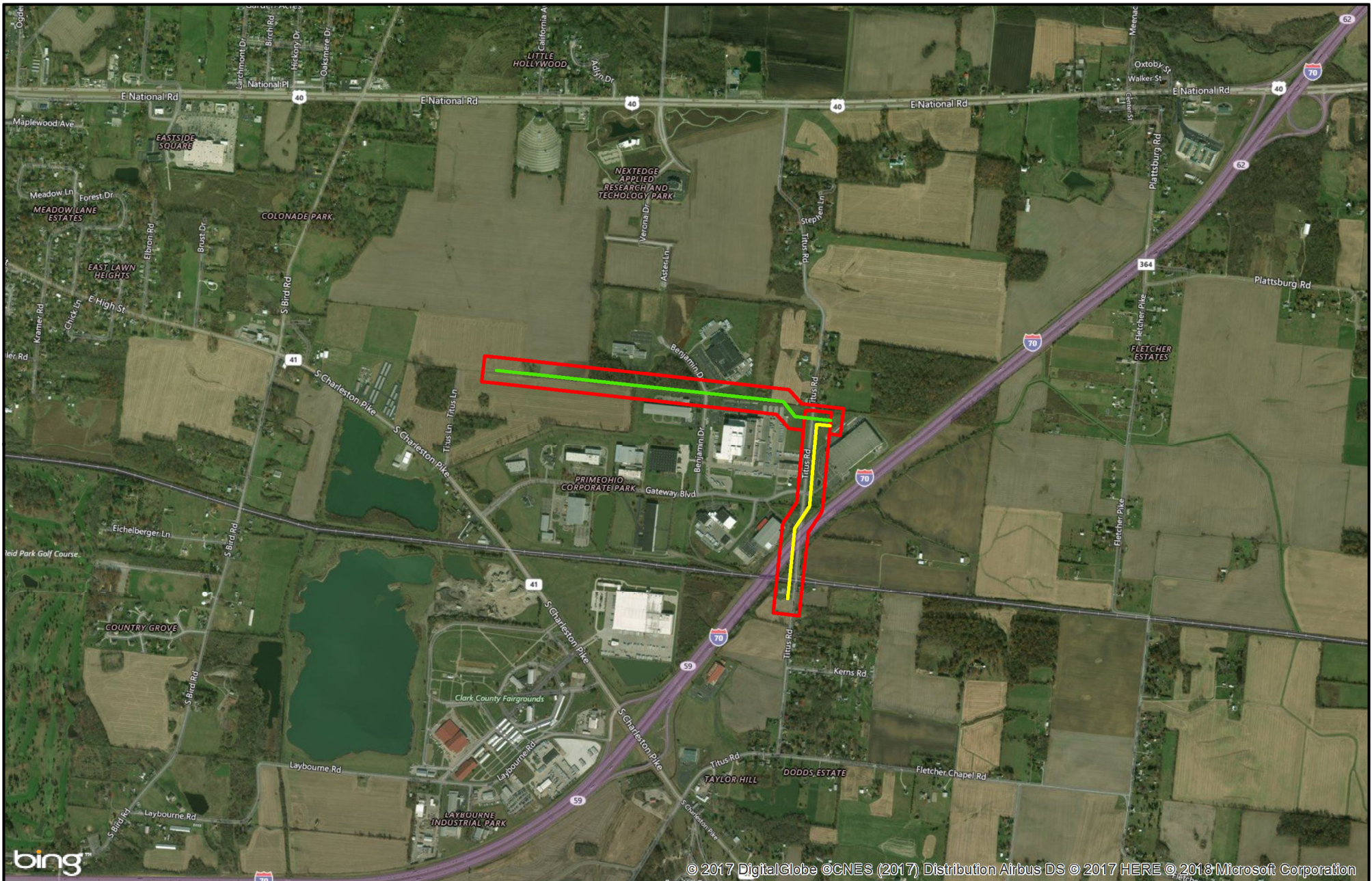
East Springfield-London #2 138kV Transmission Line Extension to North Titus Substation Project

Exhibit 1



FirstEnergy

Created on 1/5/2018



0 1,200 2,400 3,600 Feet

1:24,000

East Springfield-North Titus 138 kV Extension

London-North Titus 138 kV Extension

Project Area

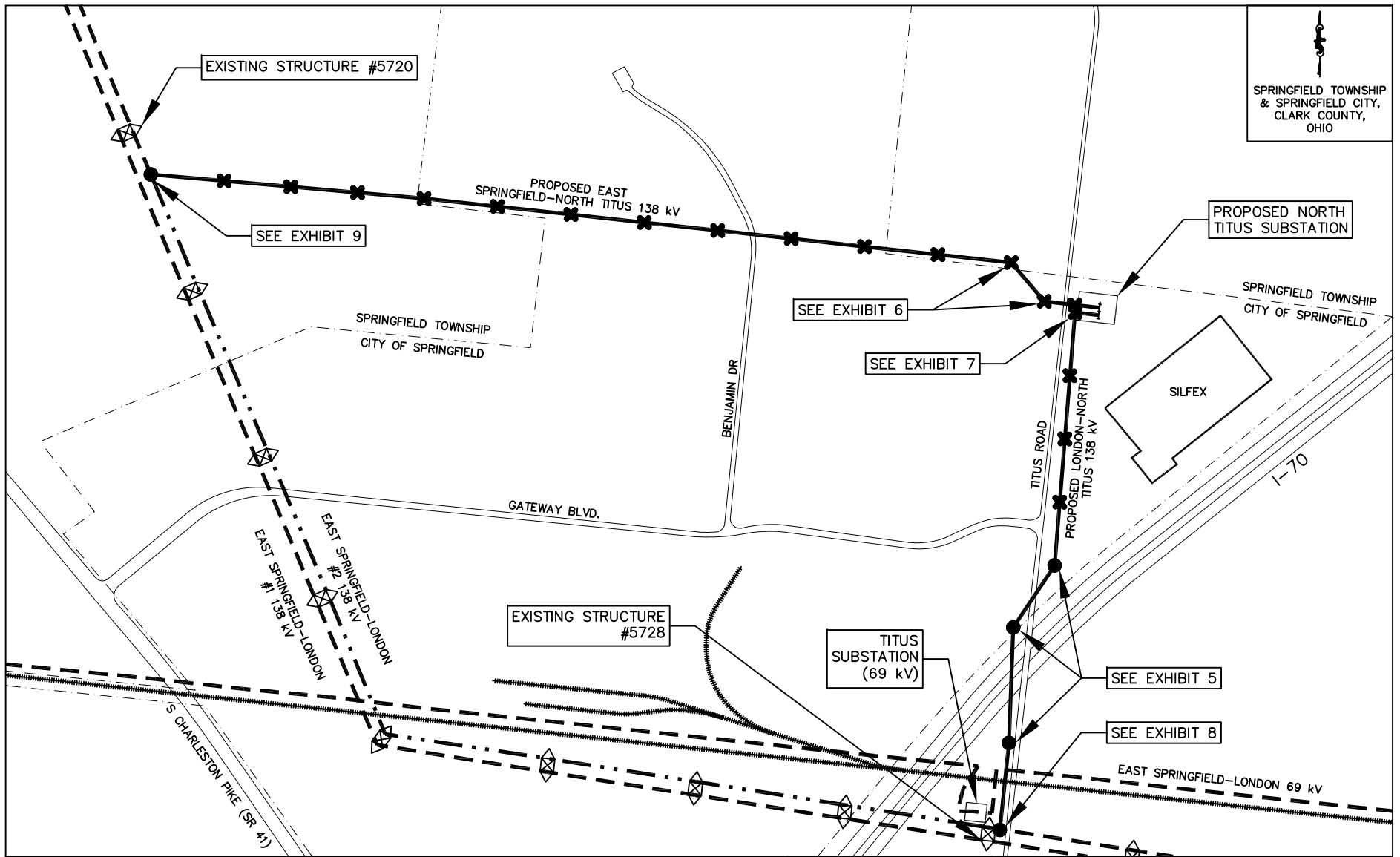
East Springfield-London #2 138kV Transmission Line Extension to North Titus Substation Project

Exhibit 2



FirstEnergy

Created on 1/5/2018



SPRINGFIELD TOWNSHIP
& SPRINGFIELD CITY,
CLARK COUNTY,
OHIO

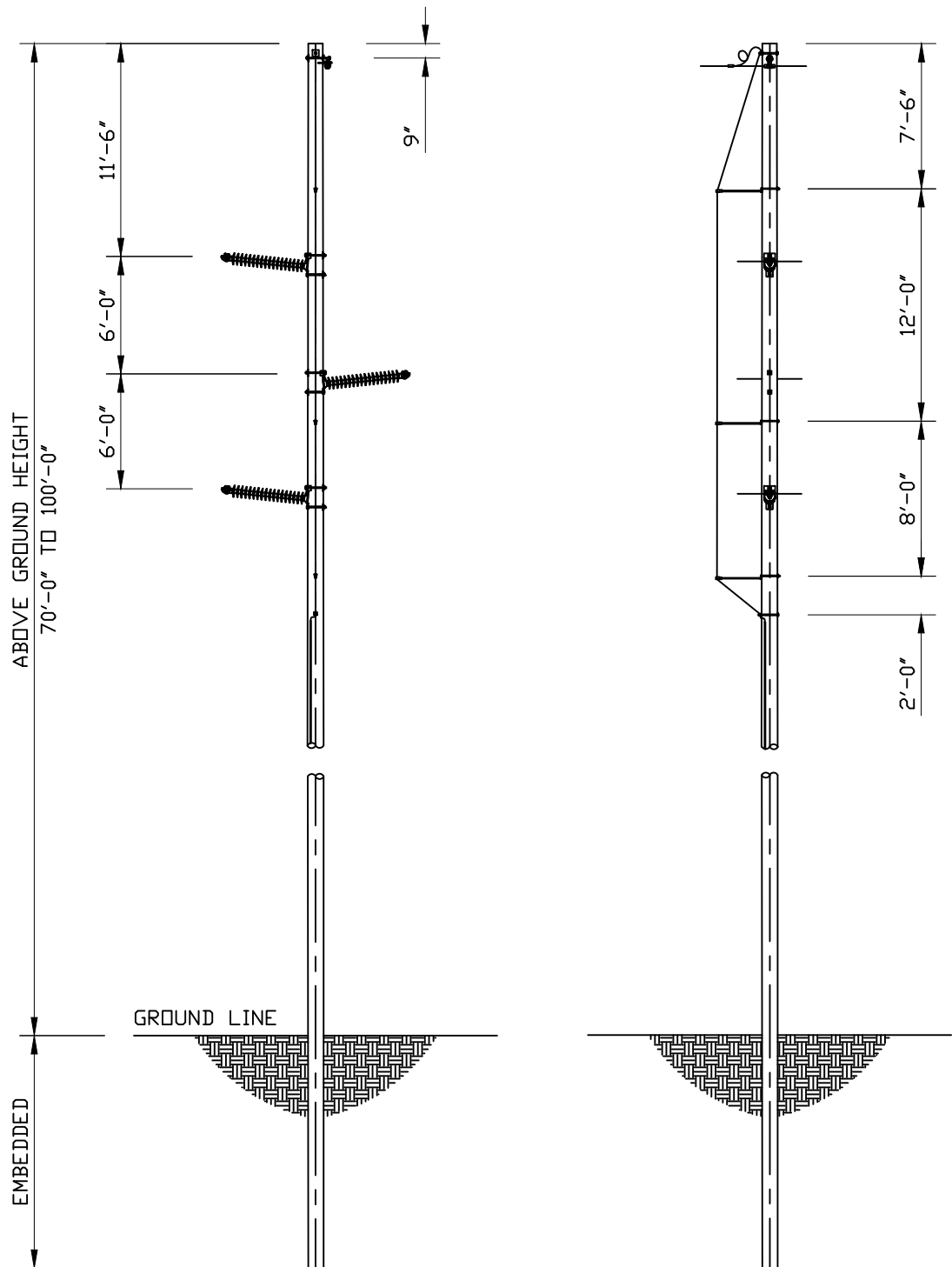
LEGEND

- | | | | |
|-------------|------------------------|---|----------------------------------|
| — — — — — | EXISTING CONDUCTOR | | EXISTING STEEL LATTICE STRUCTURE |
| - . - . - . | DE-ENERGIZED CONDUCTOR | ● | PROPOSED STEEL POLE STRUCTURE |
| ————— | PROPOSED CONDUCTOR | ✕ | PROPOSED WOOD POLE STRUCTURE |
| ————— | EXISTING RAILROAD | | |

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EAST SPRINGFIELD-LONDON #2 138 kV
TRANSMISSION LINE EXTENSION NORTH
TITUS SUBSTATION PROJECT

GENERAL LAYOUT EXHIBIT 3



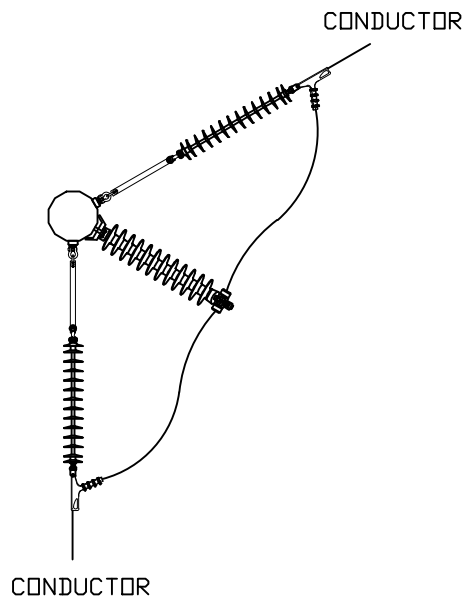
**NOT TO SCALE

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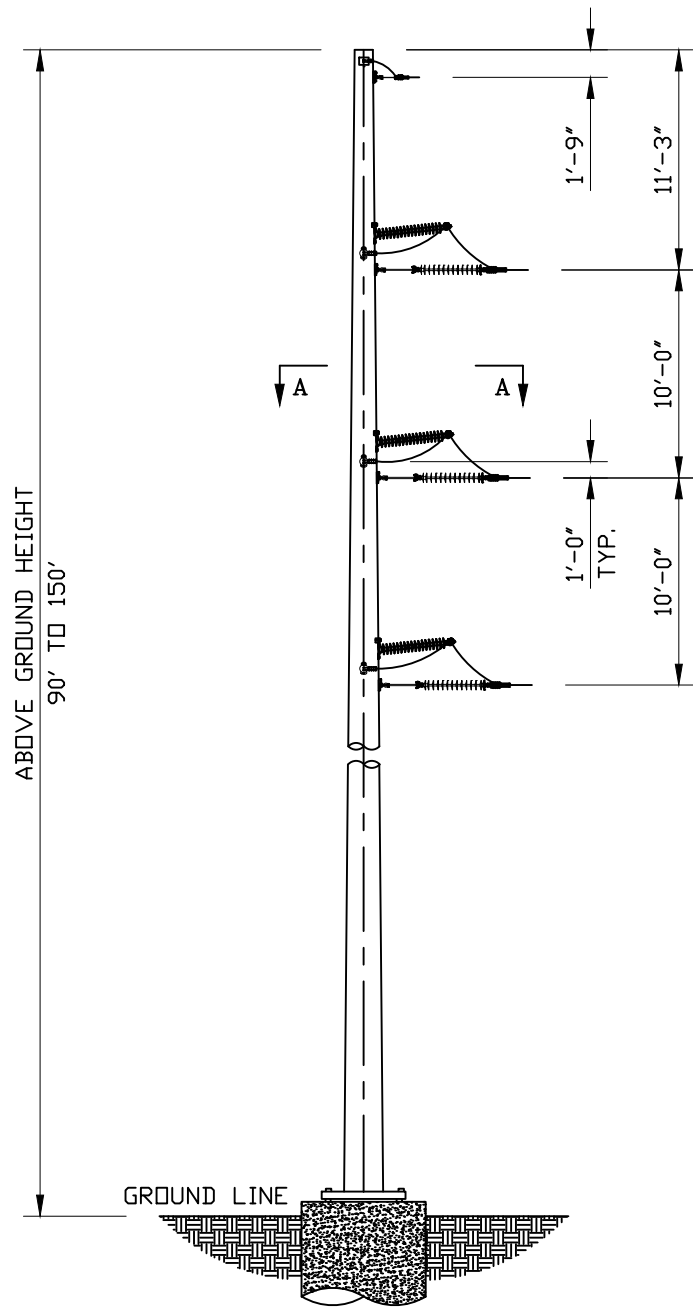
EAST SPRINGFIELD—LONDON #2 138kV
TRANSMISSION LINE EXTENSIONS TO
NORTH TITUS SUBSTATION PROJECT

SINGLE CIRCUIT, WOOD POLE
HORIZONTAL POST, TANGENT STRUCTURE

EXHIBIT 4



SECTION A-A



**NOT TO SCALE

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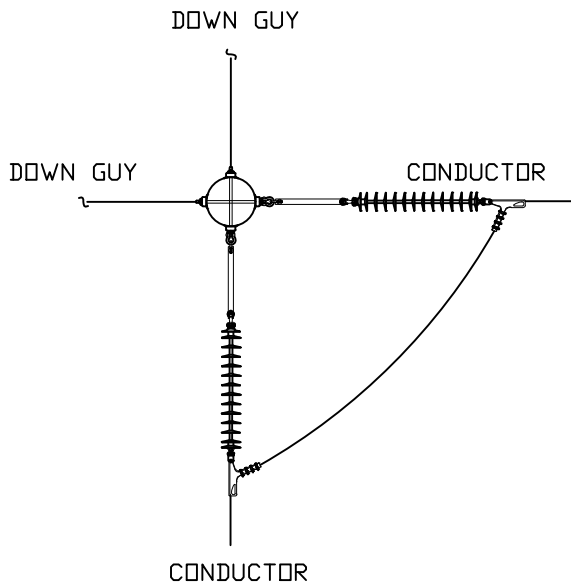
EAST SPRINGFIELD-LONDON #2 138kV
TRANSMISSION LINE EXTENSIONS TO
NORTH TITUS SUBSTATION PROJECT

SINGLE CIRCUIT, STEEL POLE
DEADEND ANGLES 0-60 DEGREES

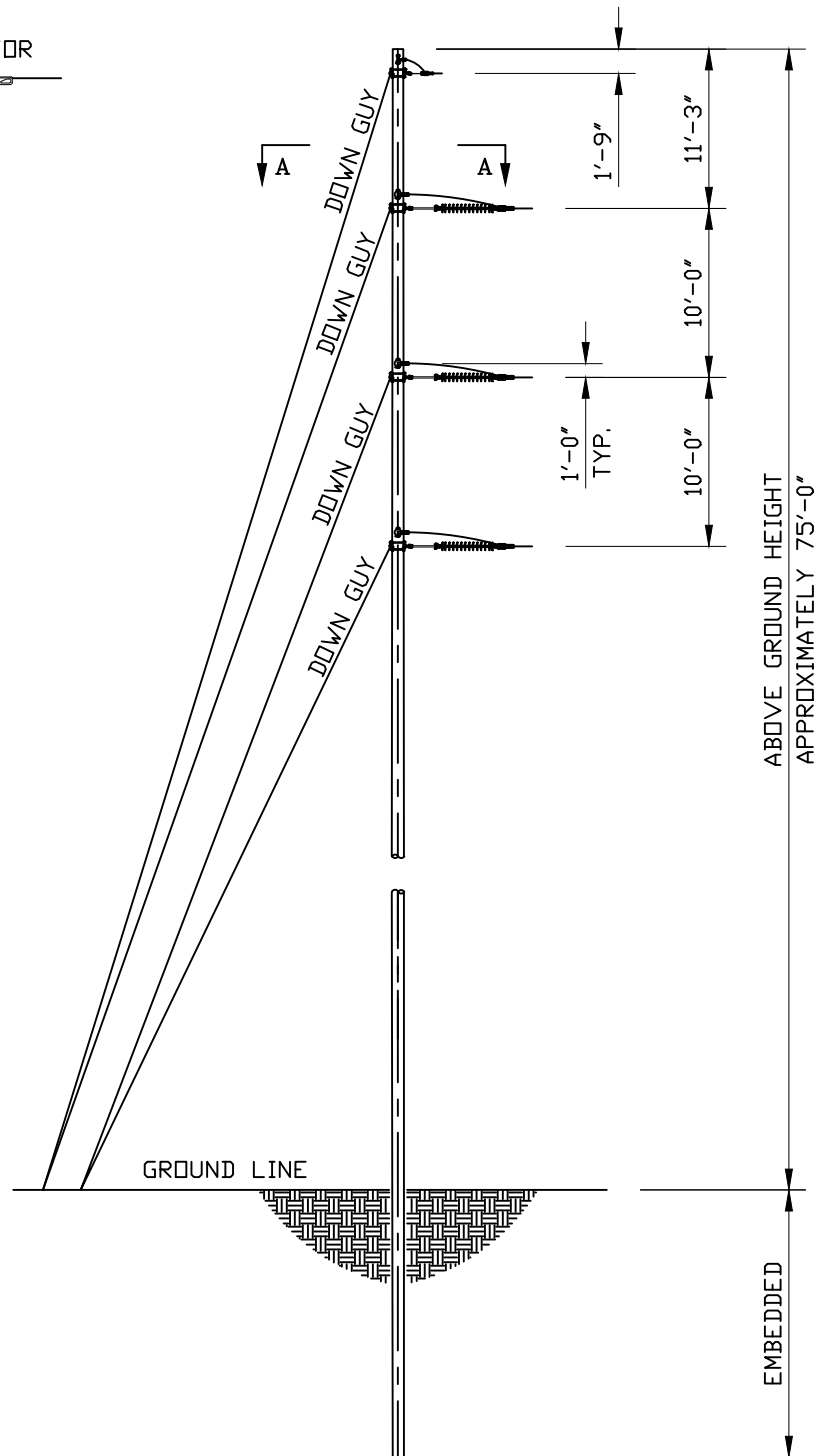
EXHIBIT 5



EXHIBIT 6



SECTION A-A



**NOT TO SCALE

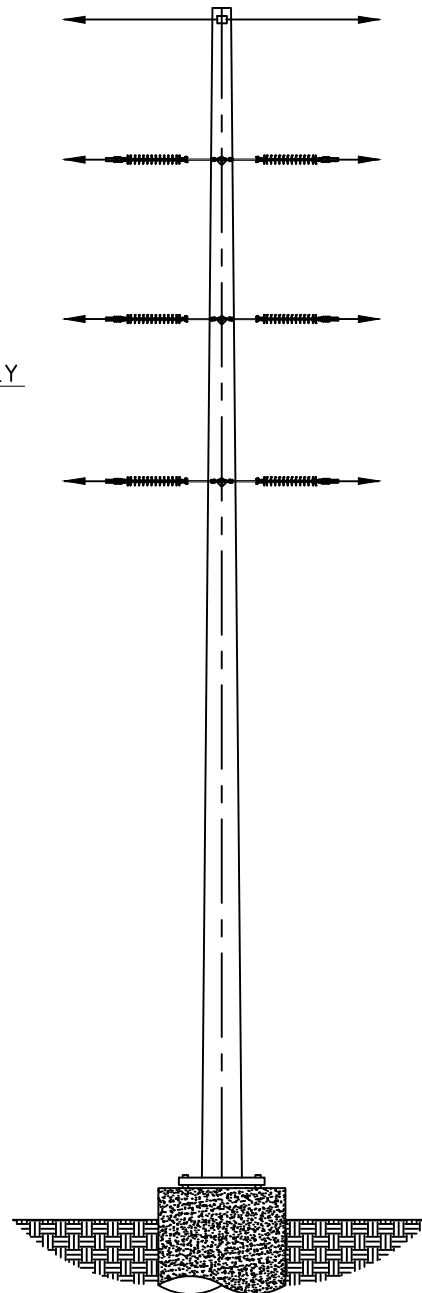
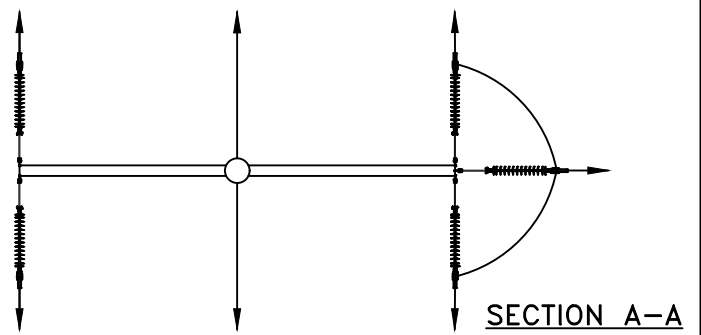
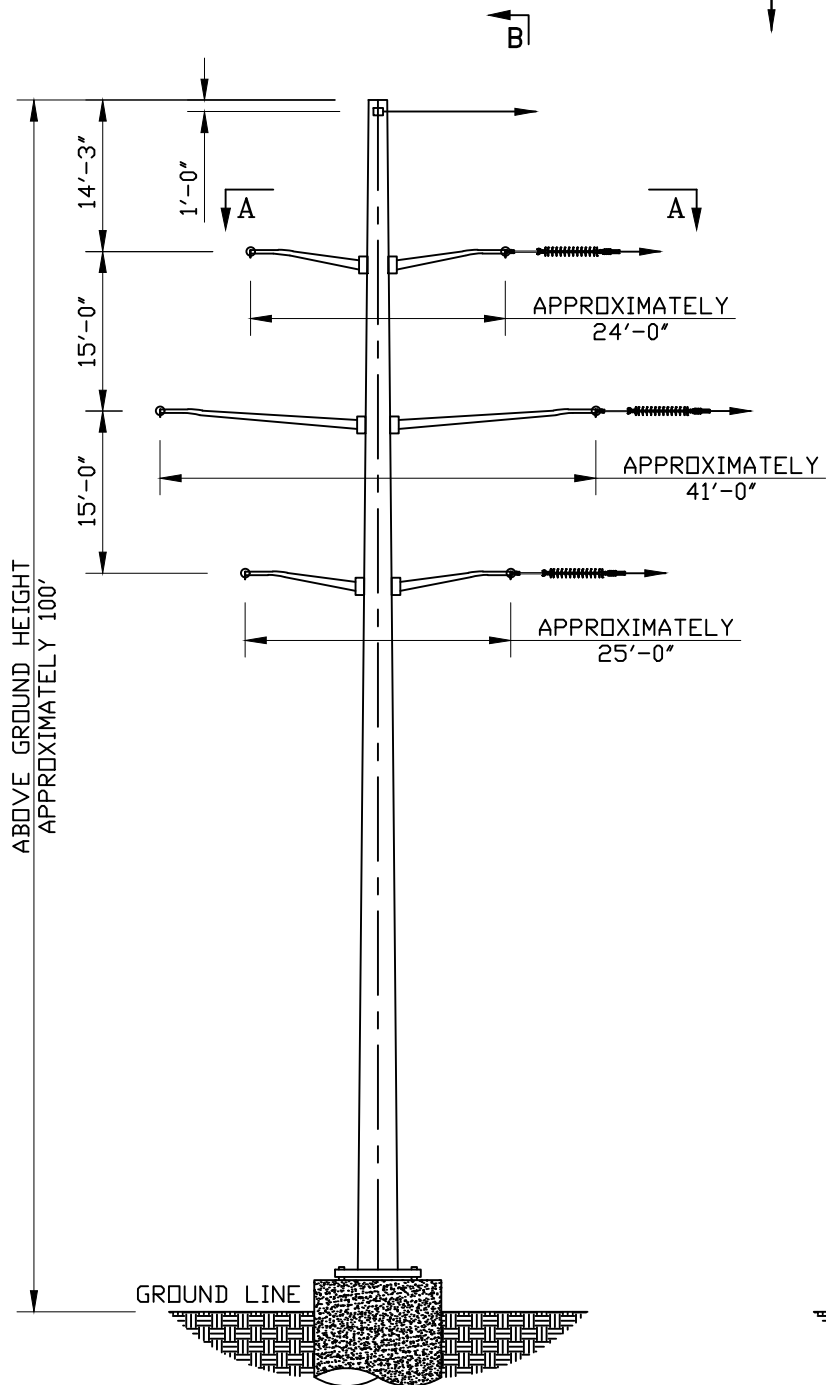
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EAST SPRINGFIELD—LONDON #2 138kV
TRANSMISSION LINE EXTENSIONS TO
NORTH TITUS SUBSTATION PROJECT

SINGLE CIRCUIT, WOOD POLE
DEADEND ANGLES 60–120 DEGREES

EXHIBIT 7



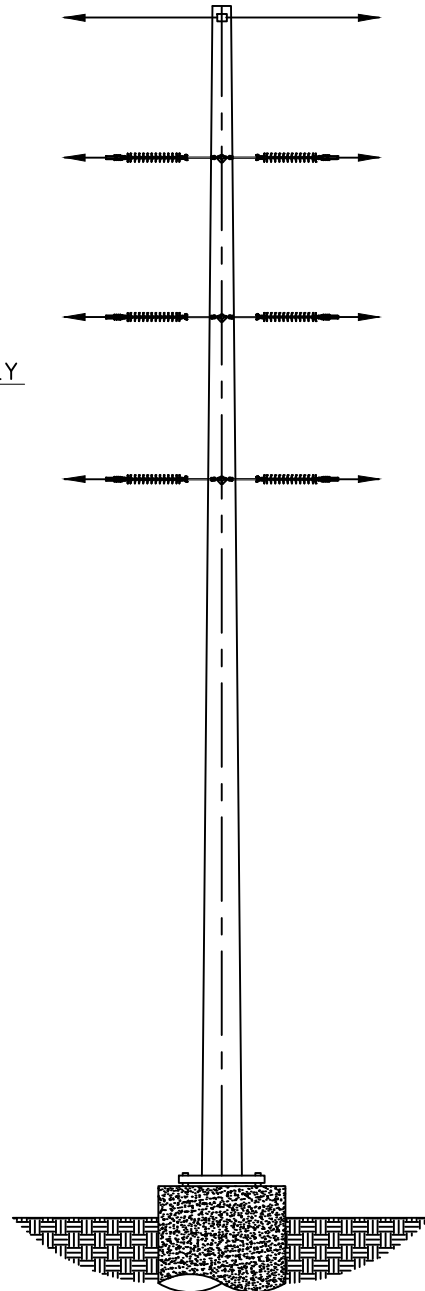
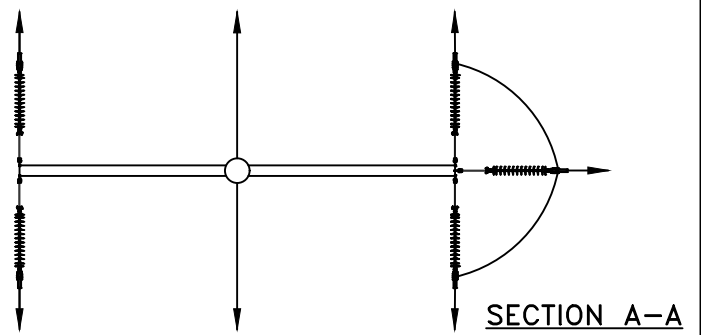
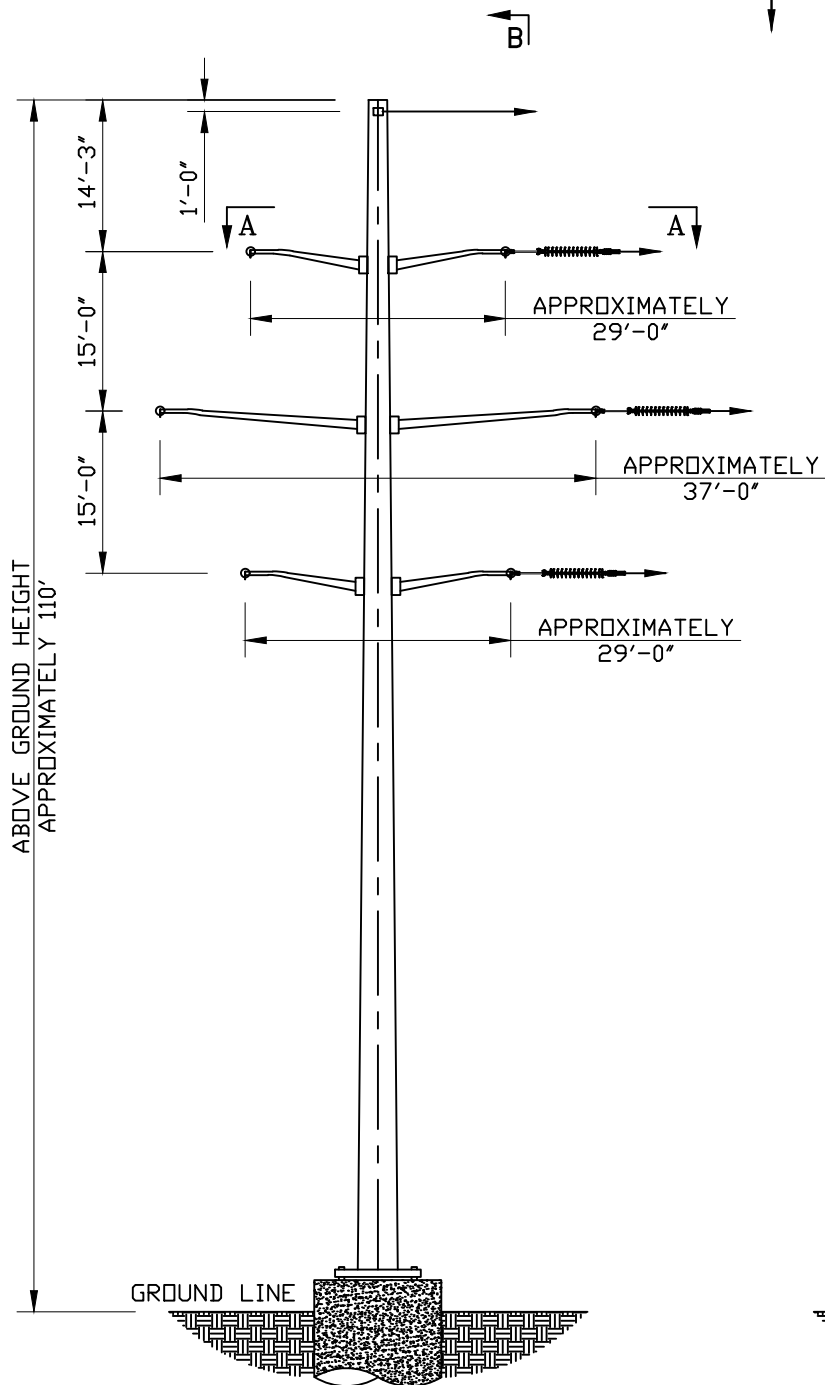
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EAST SPRINGFIELD-LONDON #2 138kV
TRANSMISSION LINE EXTENSIONS TO
NORTH TITUS SUBSTATION PROJECT

DOUBLE CIRCUIT, STEEL POLE
3-WAY DEADEND TAP STRUCTURE

EXHIBIT 8



**NOT TO SCALE

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EAST SPRINGFIELD-LONDON #2 138kV
TRANSMISSION LINE EXTENSIONS TO
NORTH TITUS SUBSTATION PROJECT

DOUBLE CIRCUIT, STEEL POLE
3-WAY DEADEND TAP STRUCTURE

EXHIBIT 9



EXHIBIT 10



Ohio 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 Surveyec

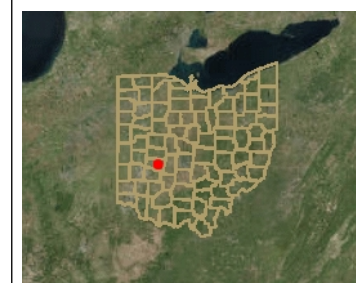
0 0.30 0.61 Miles

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Datum: [Datum]
Projection: WGS_1984_Web_Mercator_Auxiliary_Sphere



This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

2/2/2018 9:41:01 AM

in

Case No(s). 18-0086-EL-BLN

Summary: Letter of Notification for the East Springfield-London #2 Extension to North Titus Substation Project (Part 2 of 4) electronically filed by Mr. Robert J Schmidt on behalf of American Transmission Systems Inc.