

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

CONSTRUCTION NOTICE

**BROOKSIDE-LONGVIEW WEST 138 kV
TRANSMISSION LINE TEMPORARY BYPASS**

OPSB CASE NO.: 17-1954-EL-BNR

September 22, 2017

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

**CONSTRUCTION NOTICE
BROOKSIDE-LONGVIEW WEST 138 kV
TRANSMISSION LINE TEMPORARY BYPASS 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 Construction Notice application.

4906-6-05: ACCELERATED APPLICATION REQUIREMENTS

4906-6-05: Name

Name of Project: Brookside-Longview West 138 kV Transmission Line
Temporary Bypass 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 install a temporary bypass from the existing Brookside-Longview West 138 kV Transmission Line to a mobile substation that will be located inside the Madison Substation, which is an existing distribution substation. This temporary bypass will serve as a tap to the mobile substation, which will continue to serve customers, while the Madison Substation undergoes ring bus improvements. As part of the Project, four (4) new single-wood poles will be installed for the transmission line temporary bypass. Three (3) of the new structures will be located outside the Madison Substation, and one (1) structure will be located inside the substation. The temporary bypass will be approximately 385 feet in length, and the structures will range from 47.5’ to 74.5’ in height above ground level. These temporary structures will be located on ATSI owned property, and no new easements are needed for the Project. These facilities will be removed after the improvements to the ring bus are completed at Madison Substation.

The general location of the Project is shown in **Exhibit 1** on a topographical overlay, and **Exhibit 2** on an aerial overlay with imagery provided by ESRI. **Exhibit 3** shows the general project layout. The Project will be located in the Madison Township, Richland County Ohio.

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

The Project meets the requirements for a Construction Notice because the Project is within the types of projects defined by Item (1)(a) of the Application Requirement Matrix for Electric Power Transmission Lines, Appendix A of OAC Rule 4906-1-01. This item states:

(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 operation at a higher transmission voltage, as follows:

(a) Line(s) not greater than 0.2 miles in length

The proposed Project is within the requirements of Item (1)(a) as it involves the installation of an approximately 385 foot (0.07 miles) temporary bypass from the existing Brookside-Longview West 138 kV Transmission Line to a mobile substation that will be located inside the existing Madison Substation.

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

The proposed Project is needed to temporarily bypass the Madison Substation as work is performed inside the substation. Madison Substation will be converted to a ring bus and a control building will be installed with relaying panels to increase overall system reliability, operating flexibility, and system performance. The temporary bypass will

feed a mobile substation to continue service to customers fed from Madison Substation. The bypass will be removed once the Madison Substation improvements are complete.

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. 17-913-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 Brookside-Longview West 138 kV Transmission Line. The project area is located approximately 6.5 inches (11" x 17" printed version) from the left edge of the map and 5.0 inches (11" x 17" printed version) from the top of the map. The general location and layout of the project area is shown in **Exhibits 1 and 2**.

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

No other alternatives were considered because the temporary structures and transmission line proposed in this Project will not have any significant short or long-term impacts and will be removed once the improvements to the Madison Substation are completed.

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

ATSI's manager of External Affairs will advise local officials of features and the status of the proposed Project as necessary. ATSI will maintain a copy of this Construction Notice application 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.

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

Construction on the temporary bypass is expected to begin on approximately October 23, 2017. The temporary by-pass Project is expected to be placed in-service by November 10, 2017. The temporary by-pass is expected to be removed by December 1, 2017.

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

Exhibit 1 depicts the general location of the Project on a partial copy of the United States Geological Survey USGS 7.5’ Quad ID Pavonia. **Exhibit 2** provides a partial copy of aerial imagery provided by ESRI.

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

The Project is located solely on property owned by the Ohio Edison Company, a FirstEnergy company. Table 1 contains the property information.

Table 1: Property Owner List

Parcel Number	Property Owner	Township	Easement Status
0250990009001	Ohio Edison Co.	Madison	Fee Simple

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: 336.4 kcmil 30/7 ACSR “Oriole”
- Static Wire: OPGW 24-48-504
- Insulators: Polymer
- Structure Types: **Exhibit 4:** Temporary wooden pole; height 47’-6”; Structure #1
Exhibit 5: Temporary wooden pole; height 52’-0”; Structure #2
Exhibit 6: Temporary wooden pole; height 56’-6”; Structure #3
Exhibit 7: Temporary wooden pole; height 74’-6”; Structure #4

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

The closest occupied residence or institution is approximately 190 feet from the proposed transmission line temporary bypass 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 \$100,000.

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

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

The Project is located in Madison Township, Richland County Ohio. The proposed temporary transmission line bypass is located primarily within a maintained grassy lawn. The existing substation is located adjacent to the east. A forested area is located to the north and northwest with US-30 beyond the tree line to the north. An existing access drive associated with the substation resides to the south. There are existing transmission lines that span the Project Area. Residential homes are located to the south across Evergreen Avenue West.

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

Agricultural land does not exist within the Project’s disturbance area.

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 historic or cultural resource sites within a 0.5-mile area of potential effect (APE). The results of the search are shown in **Exhibit 8**. The specific locations of any archeological resources identified within the APE and surrounding areas are excluded from the map as their locations are considered proprietary.

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 or 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. One (1) OHI resource is located within 0.5 miles of the Project area and is shown in Table 2. No OAI resources, previous cultural resource surveys, or OGS cemeteries have been previously inventoried within 0.5 miles of the Project area.

Table 2. List of OHI Listed Structural Resources

OHI Number	Present Name	Historic Use	County	Municipality
RIC0086711	Olde Towne Inn	Hotel/Inn/Motel	Richland	Madison Township

No resources were identified in the direct APE for the Project. The Olde Towne Inn is located approximately 0.25-miles north of the Project Area. The Project Area is not visible from the Olde Towne Inn due to the distance between the two sites and the presence of trees, dwellings, and other structures. Therefore, the proposed Project will have no visual effect on the Olde Towne Inn.

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

There are no local, state, or federal permits required in conjunction with the proposed Project.

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

ATSI submitted a request to the Ohio Department of Natural Resources (“ODNR”) Office of Real Estate to conduct an Environmental Review on August 31, 2017. The ODNR comments are not available at the time of the filing. Therefore, an online search of the ODNR’s State Listed Wildlife and Plant Species for Richland County was completed. The results of this search indicated that the ODNR has records within Richland County of seven (7) state endangered species, ten (10) state threatened species, twelve (12) state potentially threatened species, and four (4) state species of concern. The results of this search are shown below in Table 3 and are also included as **Exhibit 9**. Once comments are received from the ODNR, any pertinent information will be forwarded to the OPSB.

Table 3. ODNR State Listed Wildlife and Plant Species – Richland County

Species	Common Name	State Status
<i>Acorus americanus</i>	American Sweet-flag	Potentially Threatened
<i>Amelanchier sanguinea</i>	Rock Serviceberry	Threatened
<i>Bartramia longicauda</i>	Upland Sandpiper	Endangered
<i>Calla palustris</i>	Wild Calla	Potentially Threatened
<i>Carex bebbii</i>	Bebb's Sedge	Potentially Threatened
<i>Carex cephaloidea</i>	Thin-leaved Sedge	Potentially Threatened
<i>Carex echinata</i>	Little Prickly Sedge	Endangered
<i>Carex lasiocarpa</i>	Slender Sedge	Potentially Threatened
<i>Corallorhiza maculata</i>	Spotted Coral-root	Potentially Threatened
<i>Corydalis sempervirens</i>	Rock-harlequin	Threatened
<i>Cryptobranchus alleganiensis</i>	Eastern Hellbender	Endangered
<i>Dryopteris filix-mas</i>	Male Fern	Endangered
<i>Eriophorum virginicum</i>	Tawny Cotton-grass	Threatened
<i>Etheostoma exile</i>	Iowa Darter	Endangered
<i>Gentianopsis crinita</i>	Fringed Gentian	Potentially Threatened
<i>Glyceria acutiflora</i>	Sharp-glumed Manna Grass	Threatened
<i>Helianthemum canadense</i>	Canada Frostweed	Threatened
<i>Hemidactylum scutatum</i>	Four-toed Salamander	Species of Concern

Species	Common Name	State Status
<i>Lampsilis fasciola</i>	Wavy-rayed Lampmussel	Species of Concern
<i>Lechea intermedia</i>	Round-fruited Pinweed	Potentially Threatened
<i>Melanthium virginicum</i>	Bunchflower	Threatened
<i>Menyanthes trifoliata</i>	Buckbean	Threatened
<i>Myotis sodalis</i>	Indiana Bat	Endangered
<i>Phegopteris connectilis</i>	Long Beech Fern	Potentially Threatened
<i>Platanthera psycodes</i>	Small Purple Fringed Orchid	Potentially Threatened
<i>Porzana carolina</i>	Sora Rail	Species of Concern
<i>Potentilla palustris</i>	Marsh Five-finger	Threatened
<i>Rallus limicola</i>	Virginia Rail	Species of Concern
<i>Salix pedicellaris</i>	Bog Willow	Endangered
<i>Sarracenia purpurea</i>	Pitcher-plant	Threatened
<i>Scirpus expansus</i>	Woodland Bulrush	Potentially Threatened
<i>Triphora trianthophora</i>	Three-birds Orchid	Potentially Threatened
<i>Tyto alba</i>	Barn Owl	Threatened

ATSI also submitted a request to the US Fish and Wildlife Service (“USFWS”) for a threatened and endangered species review on August 31, 2017, to research the presence of any endangered, threatened, or rare species within one (1) mile of the Project area. The USFWS comments were returned September 18, 2017. The comments indicated the proposed Project lies within the range of the federally endangered Indiana bat (*Myotis sodalis*) and the federally threatened northern long-eared bat (*Myotis septentrionalis*). A copy of the USFWS comments are included in **Exhibit 10**.

The Project Area is potentially within the range of the following state and/or federal listed species: American Sweet-flag (*Acorus americanus*), Wild Calla (*Calla palustris*), Little Prickly Sedge (*Carex echinate*), Slender Sedge (*Carex lasiocarpa*), Tawny Cotton-grass (*Eriophorum virginicum*), Fringed Gentian (*Gentianopsis crinite*), Sharp-glumed Manna Grass (*Glyceria acutiflora*), Buckbean (*Menyanthes trifoliata*), Small Purple Fringed Orchid (*Platanthera psycodes*), Marsh Five-finger (*Potentilla palustris*), Bog Willow (*Salix pedicellaris*), Pitcher-plant (*Sarracenia purpurea*), Eastern Hellbender

(*Cryptobranchus alleganiensis*), Iowa Darter (*Etheostoma exile*), Four-toed Salamander (*Hemidactylium scutatum*), and Wavy-rayed Lampmussel (*Lampsilis fasciola*). These species are exclusively associated with aquatic habitats such as wetlands, streams, rivers, bogs, and swamps. There are no wetlands, streams or other aquatic habitats located in the Project Area; therefore, no impacts to these species are anticipated.

The Project Area is potentially within the range of the following state and/or federal listed species: Sora Rail (*Porzana carolina*), Virginia Rail (*Rallus limicola*), Upland Sandpiper (*Bartramia longicauda*), and Barn Owl (*Tyto alba*). No impacts to these species are anticipated due to the proposed Project scope and location along with the mobility of the species listed above.

The Project Area is potentially within the range of the following state and/or federal listed species: Indians Bat (*Myotis sodalist*), and Northern long-eared bat (*Myotis septentrionalis*). Minimal tree clearing will be associated with the proposed Project. Tree clearing will take place between the typically recommended seasonal clearing timeframe of October 1 through March 31 to avoid potential impacts to listed bat species. Therefore, no impacts to these species are anticipated.

The Project Area is potentially within the range of the following state and/or federal listed species: Canada Frostweed (*Helianthemum canadense*), Woodland Bulrush (*Scirpus expansus*), Round-fruited Pinweed (*Lechea intermedia*), Rock Serviceberry (*Amelanchier sanguinea*), Bebb's Sedge (*Carex bebbii*), Thin-leaved Sedge (*Carex cephaloidea*), Spotted Coral-root (*Corallorhiza maculate*), Rock-harlequin (*Corydalis sempervirens*), Male Fern (*Dryopteris filix-mas*), Bunchflower (*Melanthium virginicum*), Long Beech Fern (*Phegopteris connectilis*), and Three-birds Orchid (*Triphora trianthophora*). No impacts to these species are anticipated due to the proposed Project's scope and location.

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

The USFWS comments did not identify any areas of ecological concern. Comments from ODNR are still pending. FirstEnergy performed a desktop review to help determine if any areas of ecological concern, including conservation areas, floodplains, wetlands and/or streams were located within the Project Area.

FirstEnergy performed a review on the National Conservation Easement Database (www.conservationeasement.us). No conservation easements were identified in the Project Area.

The FEMA Flood Insurance Rate Map (FIRM) was consulted to identify any floodplains or flood hazard areas in the Project area. The Project Area is found on FIRM Panel 39139C0165E. Based on this mapping, no mapped FEMA floodplains are located in the Project Area.

A review of the National Wetlands Inventory (NWI) database provided by the USFWS indicated that there were no NWI-mapped wetlands, USFWS Areas of Interest, USFWS Managed Lands, or Historic Wetlands are identified within the Project Area.

Furthermore, FirstEnergy performed a field assessment of the Project Area in September 2017. There were no wetlands, streams, or other potentially jurisdictional waterbodies identified within the Project Area during the field reconnaissance.

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 Construction Notice application is being provided concurrently with its docketing with the Board to the following officials in Madison Township, Richland County, Ohio.

Richland County

Marilyn John, Commissioner
Richland County Board of
Commissioners
50 Park Ave. East
Mansfield, Ohio 44902

Jotika Shetty, Executive Director
Richland County Regional Planning
Commission
35 North Park Street
Suite 230
Mansfield, OH 44902

Tony Vero, Commissioner
Richland County Board of
Commissioners
50 Park Ave. East
Mansfield, Ohio 44902

Adam Gove, P.E., P.S
Richland County Engineer's Office
77 N. Mulberry Street
Mansfield, OH 44902

Darrell E. Banks, Commissioner
Richland County Board of
Commissioners
50 Park Ave. East
Mansfield, Ohio 44902

Madison Township

Dan Fletcher, Trustee
Madison Township Trustees
817 Expressview Drive
Mansfield, Ohio 44905

Thomas Craft, Trustee
Madison Township Trustees
817 Expressview Drive
Mansfield, Ohio 44905

Kelly Harris, Trustee
Madison Township Trustees
817 Expressview Drive
Mansfield, Ohio 44905

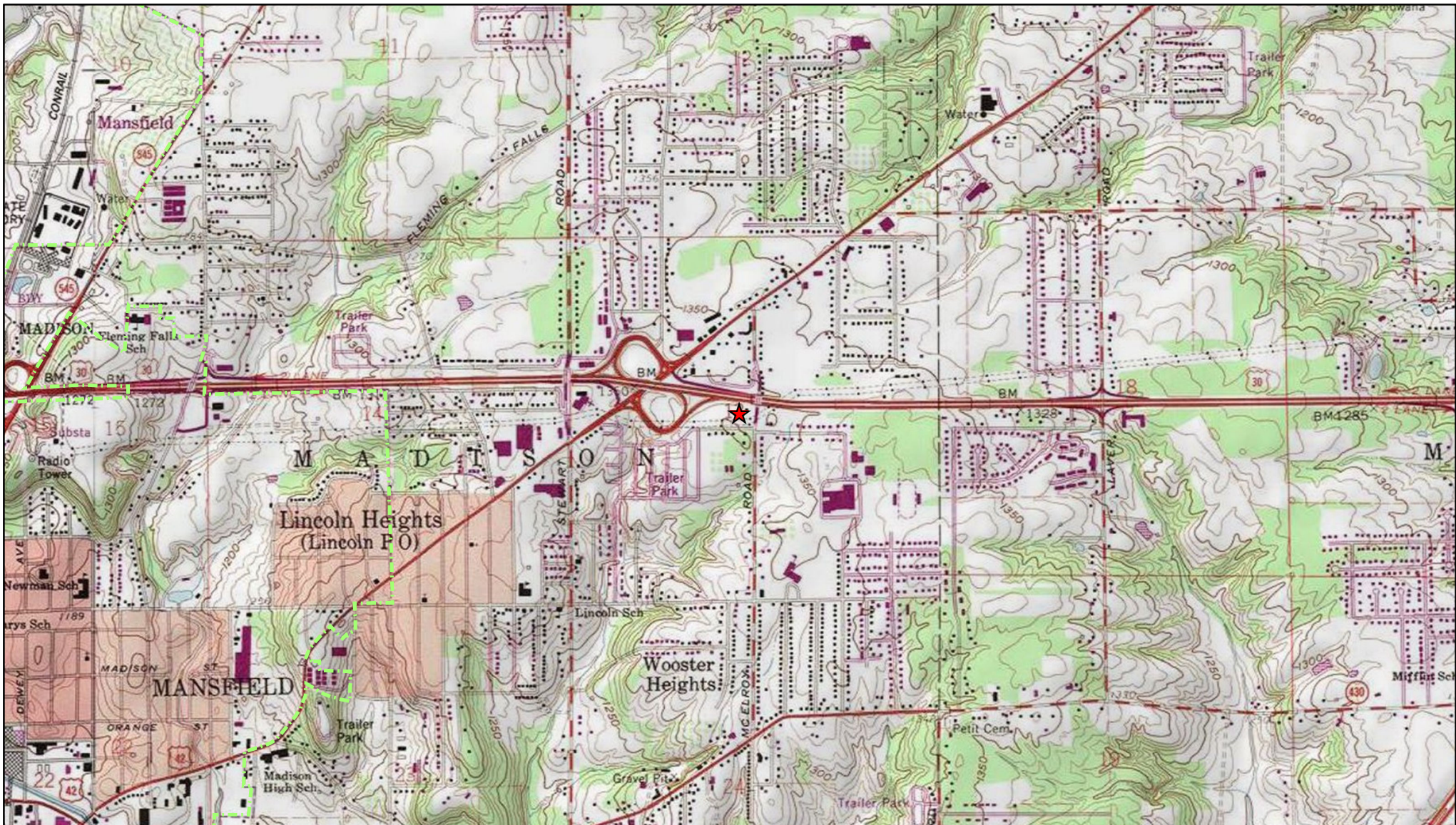
Sharon Willcox, Fiscal Officer
Madison Township Trustees
817 Expressview Drive
Mansfield, Ohio 44905

Library

Kinsey Landin, Branch Manager
Madison Branch Library
1395 Grace Street
Mansfield, OH 44902

Copies of the transmittal letters to these officials and the library have been included with this application as proof of compliance under OAC Rule 4906-6-07 (B) 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).

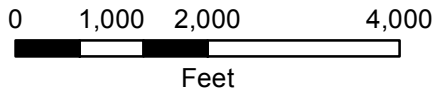
Information is posted at www.firstenergycorp.com/about/transmission_project/ohio.html on how to request an electronic or paper copy of this Construction Notice. The link to this website is being provided to meet the requirements of OAC Rule 4906-6-07 (B) and to provide the Board with proof of compliance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



**EXHIBIT 1
TOPOGRAPHICAL OVERVIEW**

Brookside-Longview West 138 kV
Transmission Line Temporary
Bypass Project

Municipality/Township: Madison Township
County: Richland
State: Ohio
USGS 7.5 x 7.5 Min Quad(s): Pavonia



1 inch = 2,000 feet



NAD 1983 StatePlane Ohio North
Projection: Lambert Conformal Conic
Linear Unit: US Foot
Source: National Geographic Society
Scale: 1:24,000

Legend

- Project Location
- Municipality Boundary
- County Boundary

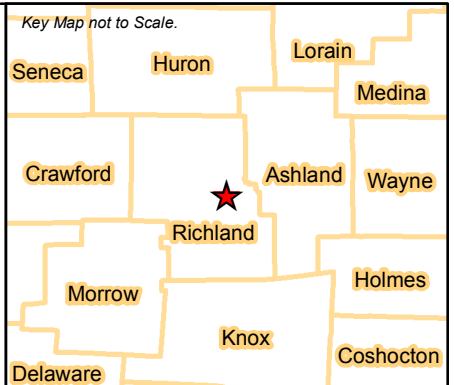




EXHIBIT 2 AERIAL OVERVIEW

Brookside-Longview West 138 kV
Transmission Line Temporary
Bypass Project

Municipality/Township: Madison Township
County: Richland
State: Ohio
USGS 7.5 x 7.5 Min Quad(s): Pavonia

0 1,000 2,000 4,000



Feet

1 inch = 2,000 feet






NAD 1983 StatePlane Ohio North
Projection: Lambert Conformal Conic
Linear Unit: US Foot

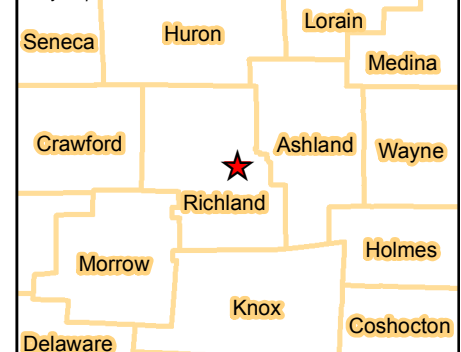
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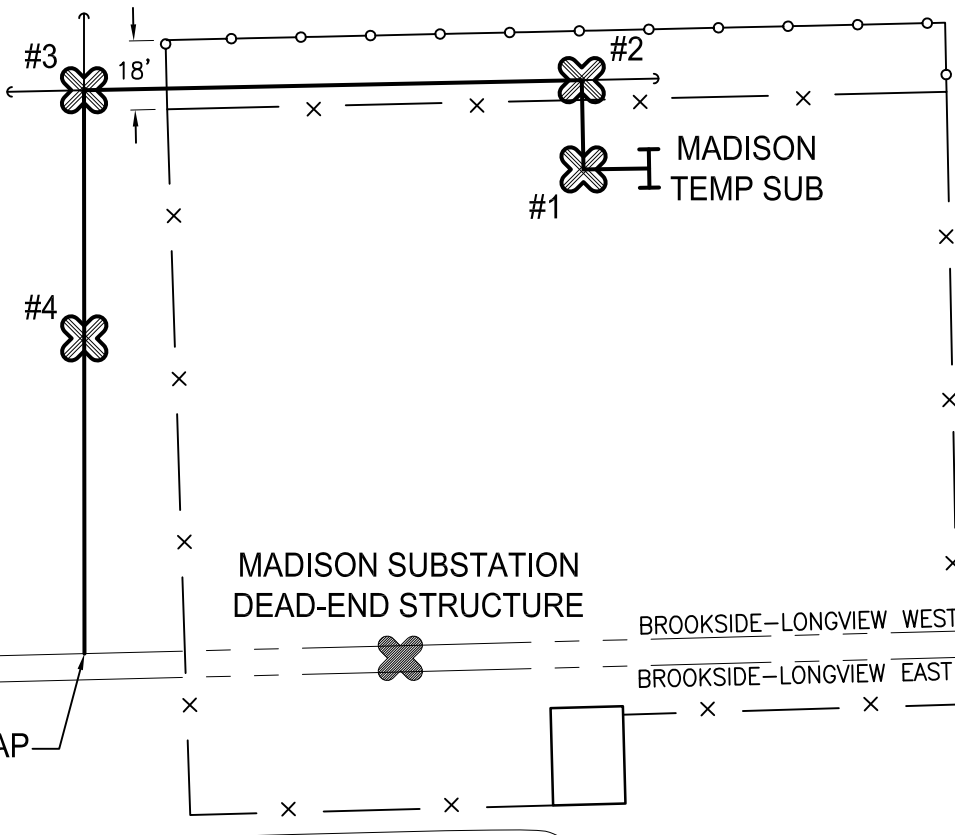
Legend

-  Project Location
-  Municipality Boundary
-  County Boundary









Key Map not to Scale.



RICHLAND COUNTY
STATE OF OHIO



LEGEND

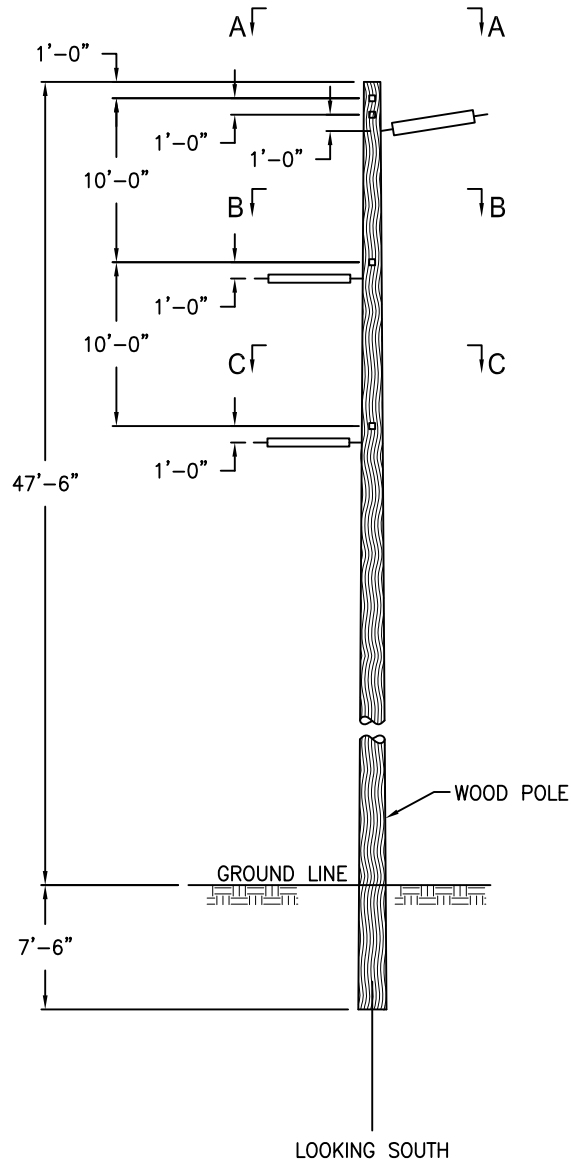
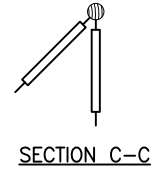
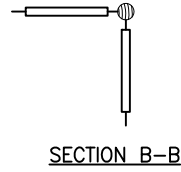
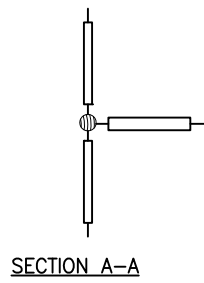
-  EXISTING STEEL POLE STRUCTURE TO REMAIN
-  NEW TEMPORARY WOOD POLE STRUCTURE
-  EXISTING CONDUCTOR TO REMAIN
-  NEW TEMPORARY TRANSMISSION LINE
-  NEW TEMPORARY GUY
-  EXISTING FENCE
-  NEW TEMPORARY FENCE
-  BUILDING



BROOKSIDE-LONGVIEW WEST
138 kV TRANSMISSION LINE
TEMPORARY BYPASS PROJECT

GENERAL LAYOUT

EXHIBIT 3



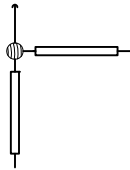
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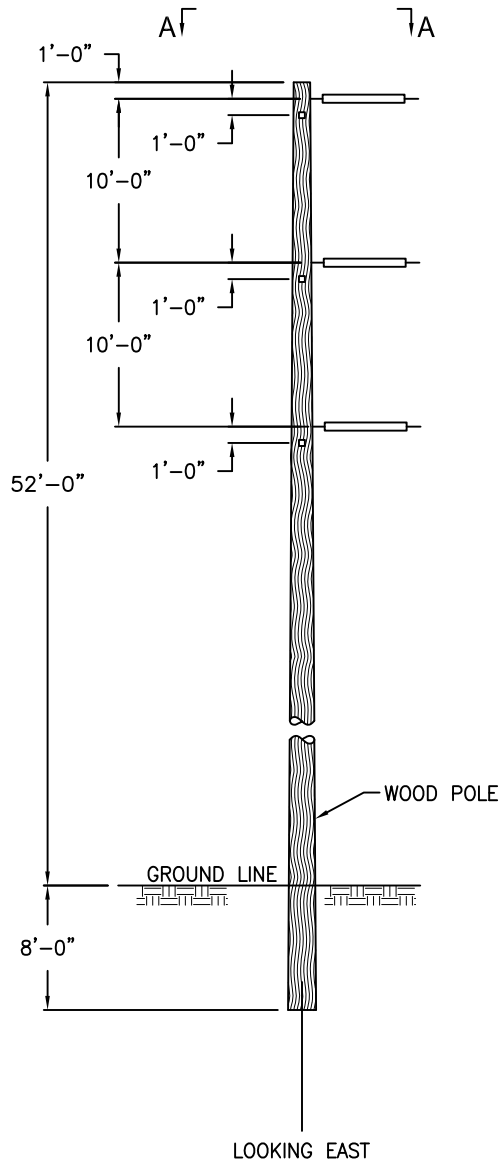
BROOKSIDE-LONGVIEW WEST 138 kV
TRANSMISSION LINE TEMPORARY
BYPASS PROJECT

SINGLE CIRCUIT, WOOD POLE,
STRUCTURE #1

EXHIBIT 4



SECTION A-A



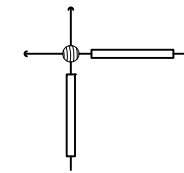
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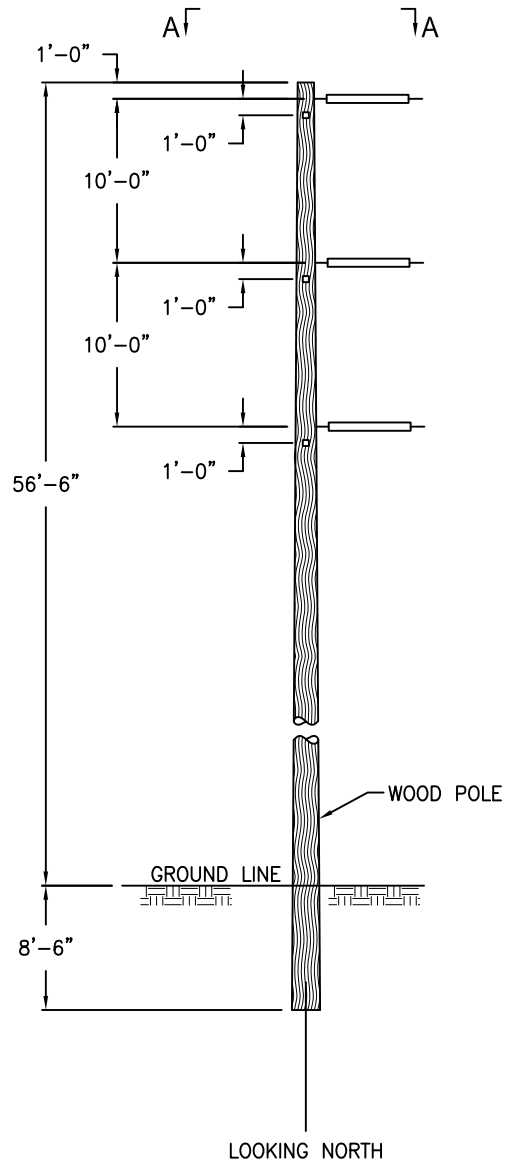
BROOKSIDE-LONGVIEW WEST 138 kV
TRANSMISSION LINE TEMPORARY
BYPASS PROJECT

SINGLE CIRCUIT, WOOD POLE,
STRUCTURE #2

EXHIBIT 5



SECTION A-A



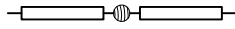
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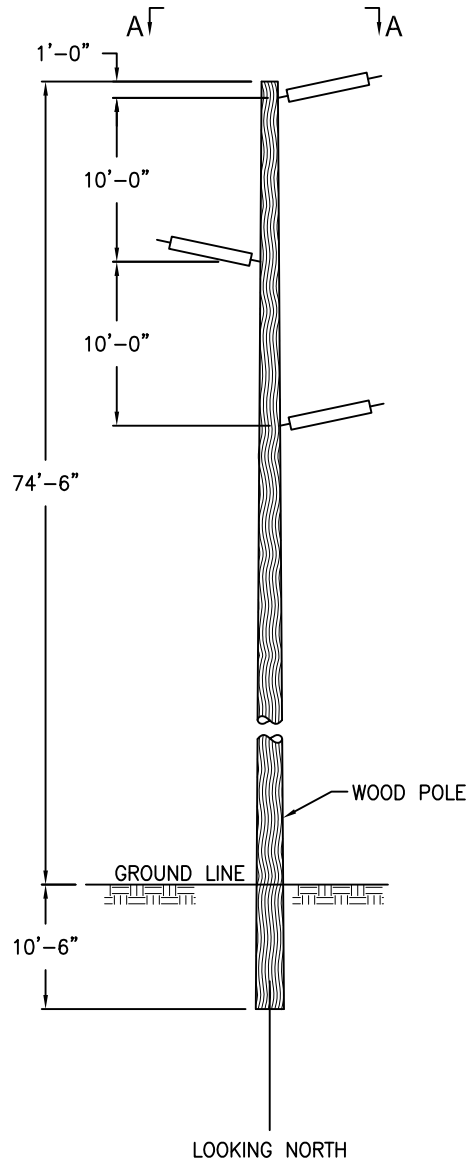
BROOKSIDE-LONGVIEW WEST 138 kV
TRANSMISSION LINE TEMPORARY
BYPASS PROJECT

SINGLE CIRCUIT, WOOD POLE,
STRUCTURE #3

EXHIBIT 6



SECTION A-A



**NOT TO SCALE



BROOKSIDE-LONGVIEW WEST 138 kV
TRANSMISSION LINE TEMPORARY
BYPASS PROJECT

SINGLE CIRCUIT, WOOD POLE,
STRUCTURE #4

EXHIBIT 7

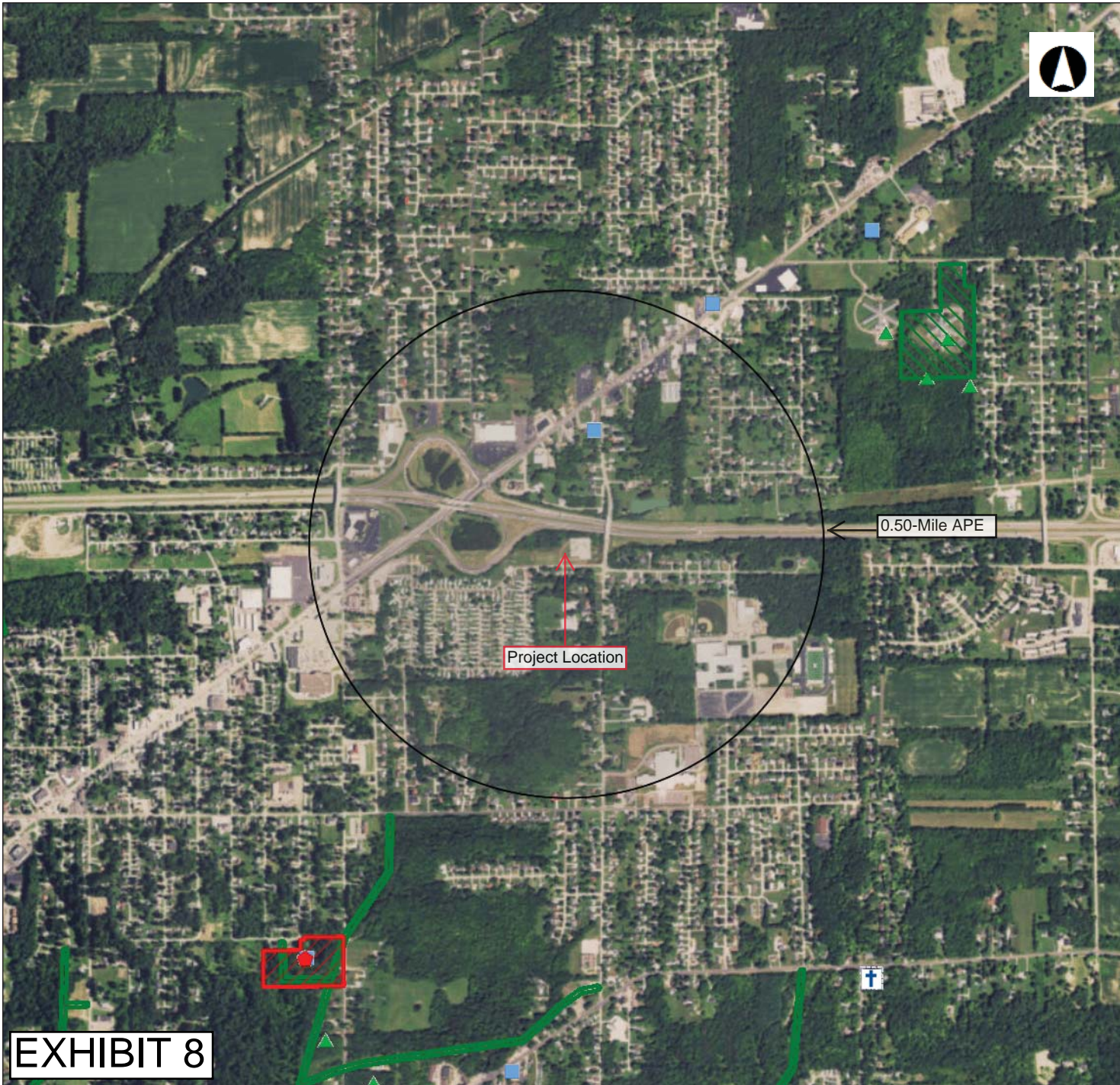


EXHIBIT 8

Legend

- NR Listings
 - Listed
 - ⊙ National Historic Landmark
 - ✘ Delisted
- NR Determinations of Eligibility
 - ▲ Archaeological Sites
 - Historic Structures
 - Historic Bridges
 - Historic Tax Credit Projects
- OGS Cemeteries
 - ⊕ Confident
 - ⊕ Not Confident
- Dams
- UTM Zone Split
- ▭ NR Boundaries
- ▭ OAI Site Boundaries
- ▨ Phase1
- ▩ Phase2



1: 24,000

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Datum: [Datum]
 Projection: WGS_1984_Web_Mercator_Auxiliary_Sphere



EXHIBIT 9

Richland County



Scientific Name	Common Name	Last Observed	State Status	Federal Status
<i>Acorus americanus</i>	American Sweet-flag	2006-07-08	P	
<i>Amelanchier sanguinea</i>	Rock Serviceberry	2011-09-08	T	
<i>Bartramia longicauda</i>	Upland Sandpiper	1987-07-16	E	
<i>Calla palustris</i>	Wild Calla	2014-06-26	P	
<i>Carex bebbii</i>	Bebb's Sedge	1994-08-03	P	
<i>Carex cephaloidea</i>	Thin-leaved Sedge	2006-07-08	P	
<i>Carex echinata</i>	Little Prickly Sedge	1991-06	E	
<i>Carex lasiocarpa</i>	Slender Sedge	2011-06-09	P	
<i>Corallorhiza maculata</i>	Spotted Coral-root	1993-08-26	P	
<i>Corydalis sempervirens</i>	Rock-harlequin	1994-08-24	T	
<i>Cryptobranchus alleganiensis</i>	Eastern Hellbender	1987-07-27	E	
<i>Dryopteris filix-mas</i>	Male Fern	2014-07-05	E	
<i>Eriophorum virginicum</i>	Tawny Cotton-grass	1991-06-06	T	
<i>Etheostoma exile</i>	Iowa Darter	1980-11-20	E	
<i>Gentianopsis crinita</i>	Fringed Gentian	2000-08-31	P	
<i>Glyceria acutiflora</i>	Sharp-glumed Manna Grass	1993-05-22	T	
<i>Helianthemum canadense</i>	Canada Frostweed	2000-05-07	T	
<i>Hemidactylium scutatum</i>	Four-toed Salamander	2007-07-02	SC	
<i>Lampsilis fasciola</i>	Wavy-rayed Lampmussel	1998-08-13	SC	
<i>Lechea intermedia</i>	Round-fruited Pinweed	2011-09-08	P	
<i>Melanthium virginicum</i>	Bunchflower	2011-06-09	T	
<i>Menyanthes trifoliata</i>	Buckbean	2014-06-26	T	
<i>Myotis sodalis</i>	Indiana Bat	1995-08-18	E	FE
<i>Phegopteris connectilis</i>	Long Beech Fern	2014-07-14	P	
<i>Platanthera psycodes</i>	Small Purple Fringed Orchid	2011-07-18	P	
<i>Porzana carolina</i>	Sora Rail	1985	SC	
<i>Potentilla palustris</i>	Marsh Five-finger	2014-06-28	T	
<i>Rallus limicola</i>	Virginia Rail	1985	SC	
<i>Salix pedicellaris</i>	Bog Willow	2014-06-26	E	
<i>Sarracenia purpurea</i>	Pitcher-plant	1991-06-06	T	
<i>Scirpus expansus</i>	Woodland Bulrush	2014-07-10	P	



Richland County

Scientific Name	Common Name	Last Observed	State Status	Federal Status
<i>Triphora trianthophora</i>	Three-birds Orchid	1990-10-02	P	
<i>Tyto alba</i>	Barn Owl	2013-07-15	T	



Ohio Division of Wildlife
 Ohio Natural Heritage Database
 Date Accessed: March 6, 2015
 Status based on 2016 Rare Animal List
 and 2014-15 Rare Plant List.

Status:

EX = Extinct

X = Extirpated

E = Endangered

T = Threatened

P = Potentially Threatened

SC = Species of Concern

SI = Special Interest

List Created: July 2016

EXHIBIT 10

Cargill, Mary E (Humphrys, Scott M)

From: susan_zimmermann@fws.gov on behalf of Ohio, FW3 <ohio@fws.gov>
Sent: Monday, September 18, 2017 10:45 AM
To: Cargill, Mary E (Humphrys, Scott M)
Cc: nathan.reardon@dnr.state.oh.us; kate.parsons@dnr.state.oh.us
Subject: *EXTERNAL* Brookside-Longview West, 138 kV Temporary Bypass Project, Richland Co.



UNITED STATES DEPARTMENT OF THE INTERIOR
U.S. Fish and Wildlife Service
Ecological Services Office
4625 Morse Road, Suite 104
Columbus, Ohio 43230
(614) 416-8993 / Fax (614) 416-8994



TAILS# 03E15000-2017-TA-1846

Dear Ms. Cargill,

We have received your recent correspondence requesting information about the subject proposal. There are no federal wilderness areas, wildlife refuges or designated critical habitat within the vicinity of the project area. The following comments and recommendations will assist you in fulfilling the requirements for consultation under section 7 of the Endangered Species Act of 1973, as amended (ESA).

The U.S. Fish and Wildlife Service (Service) recommends that proposed developments avoid and minimize water quality impacts and impacts to high quality fish and wildlife habitat (e.g., forests, streams, wetlands). Additionally, natural buffers around streams and wetlands should be preserved to enhance beneficial functions. If streams or wetlands will be impacted, the Corps of Engineers should be contacted to determine whether a Clean Water Act section 404 permit is required. Best management practices should be used to minimize erosion, especially on slopes. All disturbed areas should be mulched and revegetated with native plant species. Prevention of non-native, invasive plant establishment is critical in maintaining high quality habitats.

FEDERALLY LISTED SPECIES COMMENTS: All projects in the State of Ohio lie within the range of the federally endangered **Indiana bat** (*Myotis sodalis*) and the federally threatened **northern long-eared bat** (*Myotis septentrionalis*). In Ohio, presence of the Indiana bat and northern long-eared bat is assumed wherever suitable habitat occurs unless a presence/absence survey has been performed to document absence. Suitable summer habitat for Indiana bats and northern long-eared bats consists of a wide variety of forested/wooded habitats where they roost, forage, and travel and may also include some adjacent and interspersed non-forested habitats such as emergent wetlands and adjacent edges of agricultural fields, old fields and pastures. This includes forests and woodlots containing potential roosts (i.e., live trees and/or snags ≥ 3 inches diameter at breast height (dbh) that have any exfoliating bark, cracks, crevices, hollows and/or cavities), as well as linear features such as fencerows, riparian forests, and other wooded corridors. These wooded areas may be dense or loose aggregates of trees with variable amounts of canopy closure. Individual trees may be considered suitable habitat when they exhibit the characteristics of a potential roost tree and are located within 1,000 feet (305 meters) of other forested/wooded habitat. Northern long-eared bats have also been observed roosting in human-made structures, such as buildings, barns, bridges, and bat houses; therefore, these structures should also be considered potential summer habitat. In the winter, Indiana bats and northern long-eared bats hibernate in caves and abandoned mines.

Should the proposed site contain trees ≥ 3 inches dbh, we recommend that trees be saved wherever possible. If any caves or abandoned mines may be disturbed, further coordination with this office is requested to determine if fall or spring portal surveys are warranted. If no caves or abandoned mines are present and trees ≥ 3 inches dbh cannot be avoided, we recommend that removal of any trees ≥ 3 inches dbh only occur between October 1 and March 31. Seasonal clearing is being recommended to avoid adverse effects to Indiana bats and northern long-eared bats. While incidental take of northern long-eared bats from most tree clearing is exempted by a 4(d) rule (see <http://www.fws.gov/midwest/endangered/mammals/nleb/index.html>), incidental take of Indiana bats is still prohibited without a project-specific exemption. Thus, seasonal clearing is recommended where Indiana bats are assumed present.

If implementation of this seasonal tree cutting recommendation is not possible, summer surveys may be conducted to document the presence or probable absence of Indiana bats within the project area during the summer. If a summer survey documents probable absence of Indiana bats, the 4(d) rule for the northern long-eared bat could be applied. Surveys must be conducted by an approved surveyor and be designed and conducted in coordination with the Endangered Species Coordinator for this office. Surveyors must have a valid federal permit. Please note that summer surveys may only be conducted between June 1 and August 15.

If there is a federal nexus for the project (e.g., federal funding provided, federal permits required to construct), no tree clearing should occur on any portion of the project area until consultation under section 7 of the ESA, between the Service and the federal action agency, is completed. We recommend that the federal action agency submit a determination of effects to this office, relative to the Indiana bat and northern long-eared bat, for our review and concurrence.

Due to the project type, size, and location, we do not anticipate adverse effects to any other federally endangered, threatened, proposed, or candidate species. Should the project design change, or during the term of this action, additional information on listed or proposed species or their critical habitat become available, or if new information reveals effects of the action that were not previously considered, consultation with the Service should be initiated to assess any potential impacts.

These comments have been prepared under the authority of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.), the ESA, and are consistent with the intent of the National Environmental Policy Act of 1969 and the Service's Mitigation Policy. This letter provides technical assistance only and does not serve as a completed section 7 consultation document. We recommend that the project be coordinated with the Ohio Department of Natural Resources due to the potential for the project to affect state listed species and/or state lands. Contact John Kessler, Environmental Services Administrator, at (614) 265-6621 or at john.kessler@dnr.state.oh.us.

If you have questions, or if we can be of further assistance in this matter, please contact our office at (614) 416-8993 or ohio@fws.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Dan Everson".

Dan Everson

Field Supervisor

cc: Nathan Reardon, ODNR-DOW

Kate Parsons, ODNR-DOW