

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

**CONSTRUCTION NOTICE**

**ANGOLA-MIDWAY 138 KV TRANSMISSION LINE  
RELOCATION PROJECT**

**OPSB CASE NO.: 20-1654-EL-BNR**

**November 13, 2020**

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

**CONSTRUCTION NOTICE  
ANGOLA-MIDWAY 138 kV TRANSMISSION  
LINE RELOCATION 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 (“OPSB”) as a Construction Notice application.

**4906-6-05: ACCELERATED APPLICATION REQUIREMENTS**

**4906-6-05: Name and Reference Number**

Name of Project: Angola-Midway 138 kV Transmission Line Relocation Project (“Project”).

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

In this Project, American Transmission Systems, Incorporated (“ATSI”), a FirstEnergy company, at the request of the Ohio Department of Transportation (“ODOT”), proposes to relocate and replace five (5) existing wood poles and two (2) existing steel poles on the Angola-Midway 138 kV Transmission Line. This relocation will allow for the construction of the proposed I-475/US20A Interchange (ODOT project LUC-475-1.85), which is being performed by ODOT District 2. Nine (9) new steel poles will replace the existing poles. The new structures will be located east of the existing Angola-Midway 138 kV Transmission Line, outside of ODOT right-of-way within new transmission line right-of-way.

The general location of the Project is shown in Exhibit 1, a partial copy of the United States Geologic Survey, Lucas County OH, Quad Map. Exhibit 2 provides a partial copy of ESRI

aerial imagery. The Project is located in the City of Maumee and the Township of Monclova, Lucas County, Ohio.

**4906-6-05 (B)(1): Construction Notice Requirement**

The Project meets the requirements for a Construction Notice application because the Project is within the types of projects defined by Item (5) of the Application Requirement Matrix for Electric Power Transmission Lines, Appendix A of OAC Rule 4906-1-01. This item states:

*(5) Replacement or relocation of an electric power transmission line and associated facilities where the project is required by publicly funded entities and is located on or adjacent to right-of-way or land owned by the public entity requiring the project.*

The proposed Project is within the requirements of Item (5) as ODOT District 2 is requiring the transmission line to be moved by the publicly funded project LUC-475-1.85 which will create the I-475/US20A Interchange.

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

The existing Angola-Midway 138 kV Transmission Line was constructed parallel to I-475. ODOT District 2 is proposing to update the I-475/US23 corridor. Phase 7 of this highway project is to create an interchange at I-475 and US20A. The existing Angola-Midway 138 kV Transmission Line must be relocated to accommodate the proposed ODOT construction of this new interchange. Five existing wood poles and two existing steel poles will be moved outside of the proposed new ODOT right-of-way to allow for this construction. The existing poles will be removed and replaced with nine (9) new steel poles. Using steel rather than wood will reduce the Project footprint by eliminating the need for guying rights, and steel is the preferred material for highway crossings.

**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. 2020 Long-Term Forecast Report. This map was submitted to the Public Utility Commission of Ohio (“PUCO”) in Case No. 20-0657-EL-FOR under Rule 4901:5-5:04 (C)(2)(b) of the Ohio Administrative Code. This Project was not included in the 2020 Long-Term Forecast Report. The map is incorporated by reference only. The Project area is located approximately 4 ½ inches (11” x 17” printed version) from the left edge of the map and 1 ½ inches (11” x 17” printed version) from the top of the map. The general location and layout of the Project area are shown in Exhibits 1, 2 and 3.

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

ATSI did not consider any alternatives for the Project. The Project is being requested by ODOT to facilitate the new interchange and ODOT is acquiring the right-of-way needed for the relocation of the Angola-Midway 138 kV Transmission Line.

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

ATSI’s manager of External Affairs will advise local officials of the features and status of the proposed Project, as necessary. ATSI has also established a Project website: [https://www.firstenergycorp.com/about/transmission\\_projects/ohio.html](https://www.firstenergycorp.com/about/transmission_projects/ohio.html). ATSI will maintain the Project website and will continue to work with property owners concerning the proposed Project. Finally, during all phases of this Project, ATSI will maintain the transmission projects hotline at 1-888-311-4737 or via email at: [transmissionprojects@firstenergycorp.com](mailto:transmissionprojects@firstenergycorp.com), where the public may ask questions or leave comments on the Project for ATSI.

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

Construction on this Project is expected to begin as early as February 15, 2021 and be completed by June 1, 2021.

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

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

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

The Project will be located outside of existing maintained right-of-way. ODOT will be coordinating and acquiring the new right-of-way required for the Project. Table 1 contains a list of property owners affected by the project.

**Table 1: Property Owner List**

<b>Parcel Number</b>	<b>Property Owner</b>	<b>Property Address</b>	<b>Easement Status</b>
3500157, 3500164, & 3500174	Spartan Chemical Co Inc	1028 Maumee Western Rd Maumee, Ohio 43537	ODOT to acquire
3500177	Midland Agency of Northwest Ohio, Inc Trustee	1017 Maumee Western Rd Maumee, Ohio 43537	ODOT to acquire
3500179	Board of Lucas County Commissioners	1017 Maumee Western Rd Maumee, Ohio 43537	ODOT to acquire
3500739	Midland Agency of Northwest Ohio, Inc Trustee	0 Beaver Creek Cir Maumee, Ohio 43537	ODOT to acquire

#### **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: 954 kcmil 37-strand AAC (matches existing)

Static Wire: 7#10 Alumoweld (matches existing)

Insulators:                    Braced Horizontal Posts (Tangent Structures)  
                                     Polymer Suspension (Angled Structures)  
                                     Porcelain Insulators (Deadend Structures)

Structure Types:            Exhibit 4: Single Circuit Steel Pole Vertical Suspension, (4) structures needed.  
                                     Exhibit 5: Single Circuit Steel Pole Vertical Deadend, (5) structures needed.

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

The area surrounding the Project is zoned commercial and industrial. There are no occupied residence or institution in the area, 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 \$1,455,350 and is being paid by ODOT.

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

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

The Project is located in the City of Maumee and the Township of Monclova, Lucas County, Ohio. The main land use around the Project is industrial.

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

There are no properties zoned as agricultural that will be impacted by this Project.

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

As part of the investigation for this application, 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 mile of the Area of Potential Effect (“APE”). The results of the search are shown in Exhibit 6.

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 the APE.

The OHPO database also includes listings on the Ohio Archaeological Inventory (“OAI”), the Ohio Historic Inventory (“OHI”), previous cultural resource surveys, and the Ohio Genealogical Society (“OGS”) cemetery inventory. The results of the search indicate that there are five (5) listed OAI archaeological resources identified within the APE. There are no structural resources identified within the APE. The OAI archaeological resources are listed in Table 2. There are four (4) OAI site boundaries and four (4) historic areas that were previously surveyed and are located within the APE. The historic areas are listed in Table 3. There is one (1) previous cultural resource survey that was conducted within the APE and is identified in Table 4. No OSG cemeteries are located within the APE.

**Table 2. OAI Resources**

<b>OAI Number</b>	<b>Affiliation</b>	<b>Description</b>	<b>County</b>	<b>Quad Name</b>
LU0821	Historic	Unknown	Lucas, Ohio	Maumee
LU0822	Historic	Unknown	Lucas, Ohio	Maumee
LU0633	Historic	Unknown	Lucas, Ohio	Maumee
LU0635	Historic	Unknown	Lucas, Ohio	Maumee
LU0639	Prehistoric	Unknown	Lucas, Ohio	Maumee

**Table 3. Historic Previously Surveyed Areas**

<b>Year</b>	<b>Name</b>	<b>County</b>	<b>Municipality</b>
1995	Phase I Investigations for a 15 Acre Development Site for Jac Products in Monclova Township, Lucas County, Ohio	Lucas, Ohio	Monclova Township
1995	Phase I Archaeological Survey for the Proposed Maumee Towne Center, Sections 27 and 34, T2 12 Mile Reserve, City of Maumee, Lucas County, Ohio	Lucas, Ohio	City of Maumee
1995	Phase I Investigations for the Proposed Shugarman Surgical Supply Relocation on a 4 Acre Tract in Monclova Township, Lucas County, Ohio	Lucas, Ohio	Monclova Township
2016	Addendum Phase 1 Archaeological Investigations for Oregon Lateral Pipeline Spartan Chemical Company Property Hydrotest Water Pipeline in the City of Maumee, Lucas County, Ohio	Lucas, Ohio	City of Maumee

**Table 4. List of Previous Cultural & Historic Resource Survey**

<b>Year</b>	<b>Name</b>	<b>County</b>	<b>Municipality</b>
1986	Cultural Resource Assessment of the LUC-475-2.54 Interchange Project, Lucas County, Ohio	Lucas, Ohio	City of Maumee and Monclova Township

There is one previous cultural resource survey that intersects with the Project Area. This survey concluded that there are no cultural resources in this area.

Based on these investigations, the Project will have no adverse effects on any culturally significant resources identified within the APE.



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

No additional government agency authorizations are expected to be needed for this Project.

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

As part of this investigation, ATSI retained TRC Companies (TRC) to conduct the necessary environmental surveys, as well as prepare and obtain the required environmental permits. TRC submitted a request to the Ohio Department of Natural Resources (“ODNR”) Office of Real Estate to conduct an Environmental Review on November 22, 2019. 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 8, 2020 indicated that the Project is within the range of five (5) state and federally endangered species, one (1) state and federally threatened species, eleven (11) state endangered species, and ten (10) state threatened species. A copy of the ODNR Office of Real Estate’s response is included as Exhibit 7.

As part of the investigation, TRC 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 the USFWS’s Ecological Review response, dated December 23, 2019, is included as Exhibit 8. The USFWS’s response indicated that there are no federal wilderness areas, wildlife refuges or designated critical habitat within the vicinity of the Project area. The response also indicated that the Project is within the range of the federally listed endangered Indiana bat (*Myotis sodalis*) and threatened Northern long-eared bat (*Myotis septentrionalis*). A list of all endangered, threatened, and rare species, as identified by ODNR and USFWS, within the range of the Project area is provided in Table 5.

**Table 5. List of Endangered, Threatened, and Rare Species.**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Listed Status</b>	<b>State Listed Status</b>	<b>Affected Habitat</b>
<i>Myotis sodalis</i>	Indiana Bat	Endangered	Endangered	Trees & Forest
<i>Myotis septentrionalis</i>	Northern Long-Ear Bat	Threatened	Threatened	Trees & Forest
<i>Setophaga kirtlandii/Dendroica kirtlandii</i>	Kirtland's Warbler	Endangered	Endangered	Jack pine stands
<i>Charadrius melodus</i>	Piping Plover	Endangered	Endangered	Coastal areas
<i>Botaurus lentiginosus</i>	American Bittern	N/A	Endangered	Large, undisturbed wetlands
<i>Sterna hirundo</i>	Common Tern	N/A	Endangered	Islands
<i>Chlidonias niger</i>	Black Tern	N/A	Endangered	Large, undisturbed inland marshes
<i>Rallus elegans</i>	King Rail	N/A	Endangered	Wetlands
<i>Bubulcus ibis</i>	Cattle Egret	N/A	Endangered	Dry pastures and fields
<i>Chondestes grammacus</i>	Lark Sparrow	N/A	Endangered	Grassland with scattered shrub layers
<i>Bartramia longicauda</i>	Upland Sandpiper	N/A	Endangered	Grasslands
<i>Clonophis kirtlandii</i>	Kirtland's Snake	N/A	Threatened	Wet fields and meadows
<i>Emydoidea blandingii</i>	Blanding's Turtle	N/A	Threatened	Wetlands
<i>Clemmys guttata</i>	Spotted Turtle	N/A	Threatened	Wetlands and streams.

<i>Ambystoma laterale</i>	Blue-spotted Salamander	N/A	Endangered	Coniferous Forests
<i>Fundulus diaphanus menona</i>	Western Banded Killifish	N/A	Endangered	Streams and rivers
<i>Acipenser fulvescens</i>	Lake Sturgeon	N/A	Endangered	Streams and rivers
<i>Moxostoma valenciennesi</i>	Greater Redhorse	N/A	Threatened	Streams and rivers
<i>Anguilla rostrate</i>	American Eel	N/A	Threatened	Streams and rivers
<i>Percina copelandi</i>	Channel Darter	N/A	Threatened	Streams and rivers
<i>Villosa fabalis</i>	Rayed Bean	Endangered	Endangered	Streams and rivers
<i>Epioblasma triquetra</i>	Snuffbox	Endangered	Endangered	Streams and rivers
<i>Ligumia nasuta</i>	Eastern Pondmussel	N/A	Endangered	Streams and rivers
<i>Ligumia recta</i>	Black Sandshell	N/A	Threatened	Streams and rivers
<i>Obliquaria reflexa</i>	Threehorn Wartyback	N/A	Threatened	Streams and rivers
<i>Truncilla donaciformis</i>	Fawnsfoot	N/A	Threatened	Streams and rivers
<i>Unio merus tetralasmus</i>	Pondhorn	N/A	Threatened	Streams and rivers

Trees located within the forested area will be cut after October 1 before April 1 per the recommendations of the ODNR and USFWS to avoid negative effects to listed bat species. Concerning the habitats of other species listed by the ODNR as potentially occurring within the Project area (listed in Table 5), no streams or rivers are located within Project area, no

large undisturbed wetlands or marshes are located within the Project area, and all areas within the Project area that may qualify as grassland habitat are routinely mowed and would therefore, not provide habitat for these species. Although one wetland was delineated within the Project area, due to the location, the type of habitat at the Project site and within the vicinity of the Project area, and the type of work proposed, ODNR stated that the Project is not likely to impact Blanding's turtle (*Emydoidea blandingii*), spotted turtle (*Clemmys guttata*), and Kirtland's snake (*Clonophis kirtlandii*). Of the remaining species listed by the ODNR as potentially being affected by the Project if habitat is present includes king rail (*Bubulcus ibis*). The king rail requires deep bowls constructed out of grass usually hidden very well in marsh vegetation for nesting. Although one wetland was delineated within the Project area, this wetland is relatively small (0.09-acre) and is dominated by common reed (*Phragmites australis*) and would therefore, not be conducive to the habitat requirements for nesting king rails. Therefore, based on the characteristics of the Project work limits and the USFWS and ODNR responses, the Project is not anticipated to adversely impact any listed species.

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

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

ODOT provided a Preliminary Jurisdictional Determination (PJD) from the U.S. Army Corps of Engineers (USACE) dated January 30, 2019 that covered ODOT's project area which included the Project area. Based on the PJD, these areas were investigated by the USACE on January 6, 2016. One (1) wetland was delineated within the Project area designated as Wetland C (see Sheet 3 and 8 of Exhibit 9). Due to the time that has elapsed since the initial field investigation, TRC re-investigated the boundaries of Wetland C on November 10, 2020. The boundaries of Wetland C were shown to have changed slightly based on what was shown as delineated as part of the ODOT project and was therefore re-

delineated. Wetland C (designated by TRC as W-MRR-1) is a total of 0.09-acre in size within the Study Area and was evaluated as an ORAM Category 1 (score: 22.5) palustrine emergent wetland located in a depression (Exhibit 10). Wetland W-MRR-1 is dominated by the invasive/exotic common reed (*Phragmites australis*) and portions are regularly mowed as is shown in the photographic log (Exhibit 10). The surrounding land use consists of mowed grass around the wetland and developed (paved roadway). Access to and from the Project area will traverse this wetland complex using construction matting. No permanent impacts to Wetland C/Wetland W-MRR-1 are anticipated.

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

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

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

**4906-6-07: Documentation of Construction Notice 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 the City of Maumee, the Township of Monclova, and Lucas County, Ohio.

**Lucas County**

Tina Skeldon Wozniak, President  
Lucas County Commissioner  
One Government Center Suite 800  
Toledo, Ohio 43604

Keith G. Earley, P.E./P.S.  
Lucas County Engineer  
1049 S. McCord Road  
Holland, Ohio 43528

Pete Gerken, Councilmen  
Lucas County Commissioner  
One Government Center Suite 800  
Toledo, Ohio 43604

Diane De Yonker, Chair  
Lucas County SWCD  
130 W Dudley St  
Maumee, OH 43537

Gary L. Byers, Councilmen  
Lucas County Commissioner  
One Government Center, Suite 800  
Toledo, Ohio 43604

**City of Maumee**

Richard “Rich” H. Carr, Mayor  
City of Maumee, City Hall  
400 Conant Street  
Maumee, Ohio 43537

Brent Buehrer, Councilmen  
City of Maumee, City Hall  
400 Conant Street  
Maumee, Ohio 43537

Tim Pauken, Council President  
City of Maumee, City Hall  
400 Conant Street  
Maumee, Ohio 43537

Tracey Elmore, Councilmen  
City of Maumee, City Hall  
400 Conant Street  
Maumee, Ohio 43537

John Boellner, Councilmen  
City of Maumee, City Hall  
400 Conant Street  
Maumee, Ohio 43537

David Kissinger, Councilmen  
City of Maumee, City Hall  
400 Conant Street  
Maumee, Ohio 43537

Scott Noonan, Councilmen  
City of Maumee, City Hall  
400 Conant Street  
Maumee, Ohio 43537

Thomas Wagener, Jr  
City of Maumee, City Hall  
400 Conant Street  
Maumee, Ohio 43537

Zachary Jenkins, CBO  
Building and Zoning Inspector  
450 W. Dussel  
Fire Station #2  
Maumee, Ohio 43537

**Monclova Township**

Brian D. Craig, Trustee  
4335 Albon Road  
Monclova, Ohio 43542

Eric Wagner, Zoning  
4335 Albon Road  
Monclova, Ohio 43542

Chuck Hoecherl, Trustee  
4335 Albon Road  
Monclova, Ohio 43542

Gavin S. Pike, Fiscal Officer  
4335 Albon Road  
Monclova, Ohio 43542

**Library**

Jason Kucsma, Director/Fiscal Officer  
Toledo Lucas County Public Library  
325 Michigan Street  
Toledo, Ohio 43604

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) to provide the Board with proof of notice to local officials as required by OAC Rule 4906-6-07 (A)(1) and to the library per OAC Rule 4906-6-07 (A)(2).

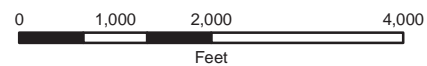
Information is posted at [www.firstenergycorp.com/about/transmission\\_project/ohio.html](http://www.firstenergycorp.com/about/transmission_project/ohio.html) on how to request an electronic or paper copy of this Construction Notice application. The link to this website is being provided to meet the 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).





**LEGEND:**

- ★ Project Location
- Angola-Midway 138 kV Transmission Line



**Reference:**

USGS Topographical Overlay; ODOT

**Coordinate System:**

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



**EXHIBIT 1**

**FirstEnergy**

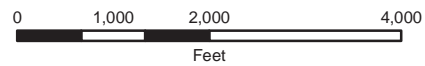
**Angola-Midway 138 kV  
Transmission Line Relocation Project**





**LEGEND:**

- ★ Project Location
- Angola-Midway 138 kV Transmission Line
- Roads



**Reference:**  
ESRI Aerial Imagery; ODOT

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

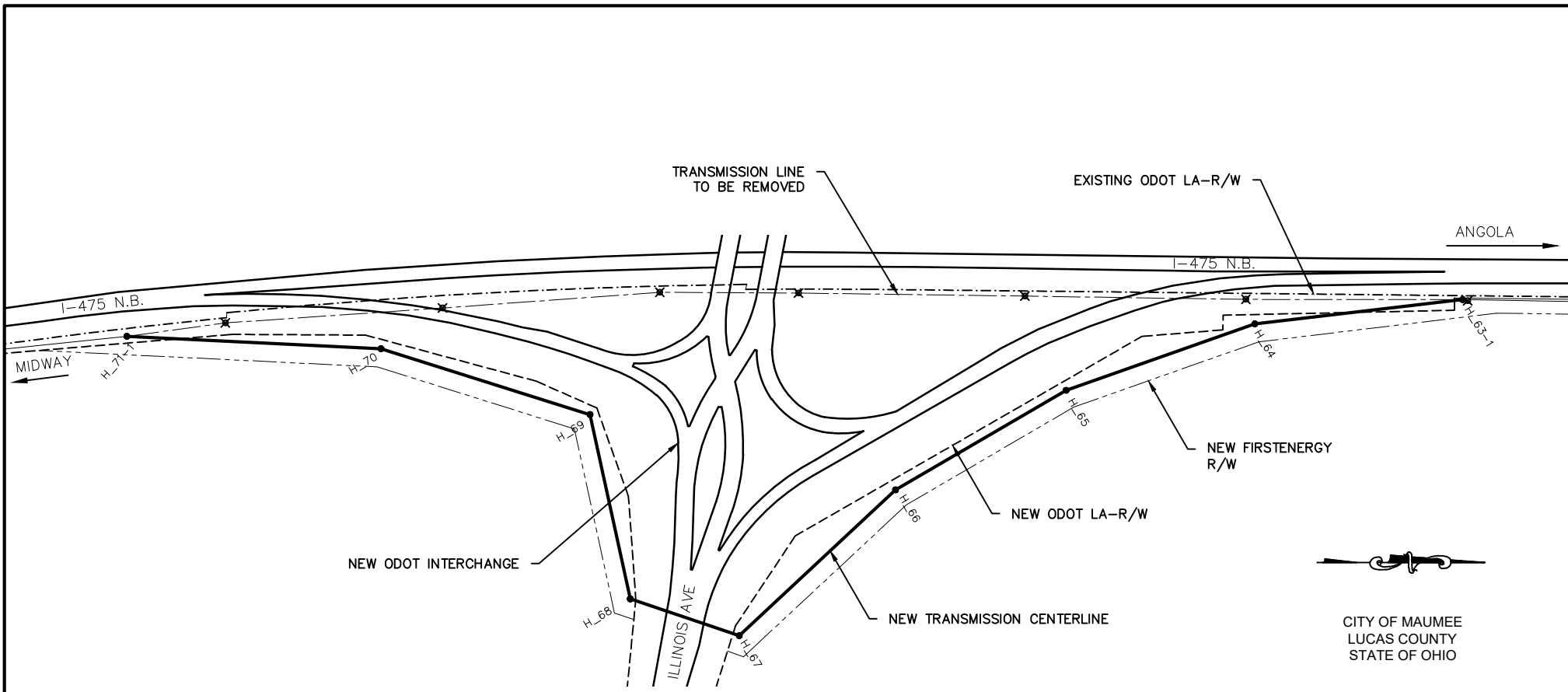


## EXHIBIT 2



**Angola-Midway 138 kV  
Transmission Line Relocation Project**

PAPER SIZE: 11X8.5



LEGEND	
●	- NEW OR REPLACED STRUCTURE
TBR ✕	- EXISTING STR TO BE REMOVED
-----	- FIRSTENERGY ROW
- . - . -	- EXISTING ODOT R/W
- - - - -	- NEW ODOT R/W
—————	- NEW TRANSMISSION LINE

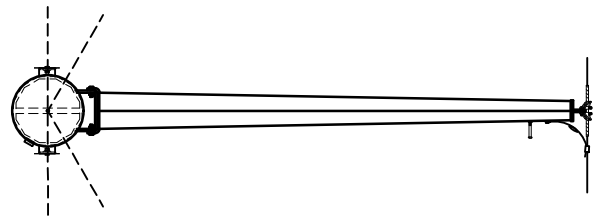
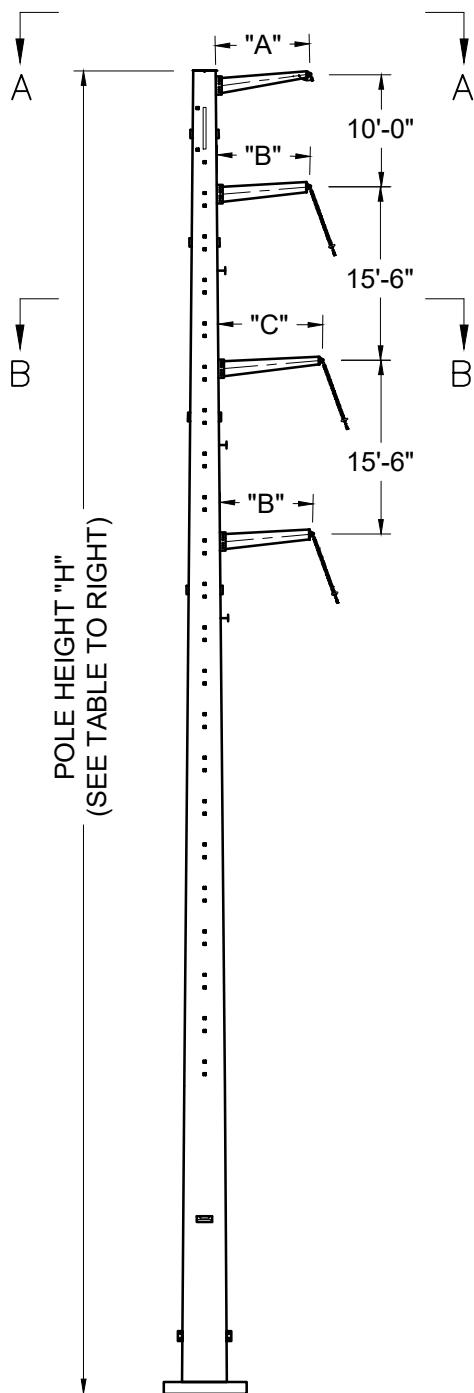
**FirstEnergy**  
Transmission Design

ANGOLA—MIDWAY 138 KV TRANSMISSION LINE  
RELOCATION PROJECT

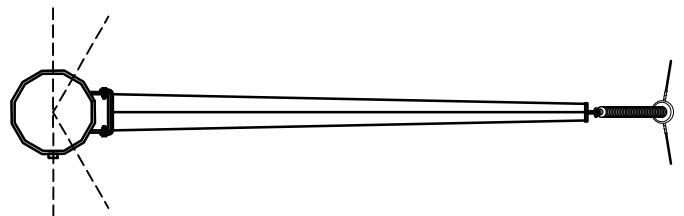
OVERVIEW MAP

EXHIBIT 3

SCALE: NTS



SECTION A-A



SECTION B-B

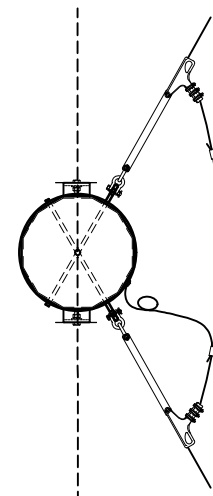
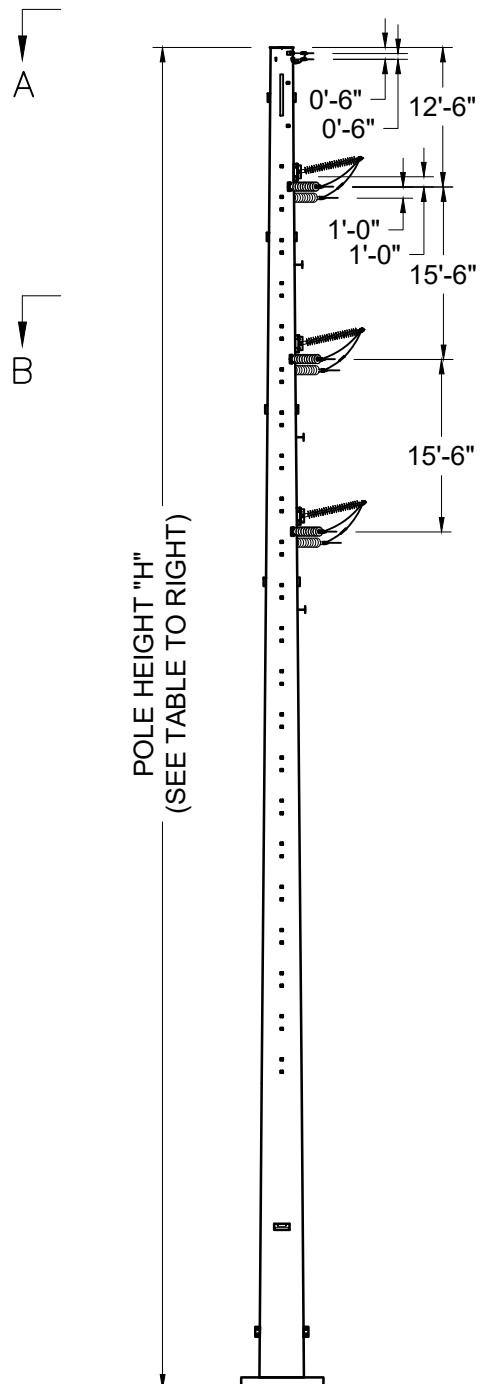
**FirstEnergy.**  
Transmission Design

ANGOLA-MIDWAY 138 KV TRANSMISSION LINE  
RELOCATION PROJECT

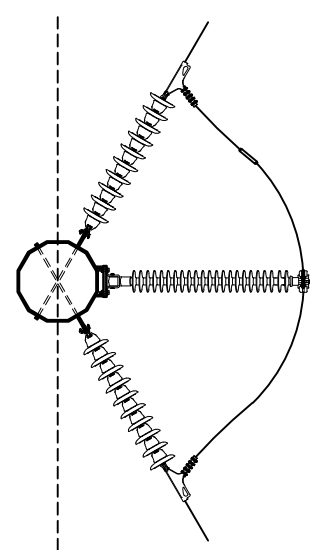
SINGLE CIRCUIT STEEL POLE  
VERTICAL SUSPENSION

EXHIBIT 4





SECTION A-A



SECTION B-B

PAPER SIZE: 8.5X11

SCALE: NTS

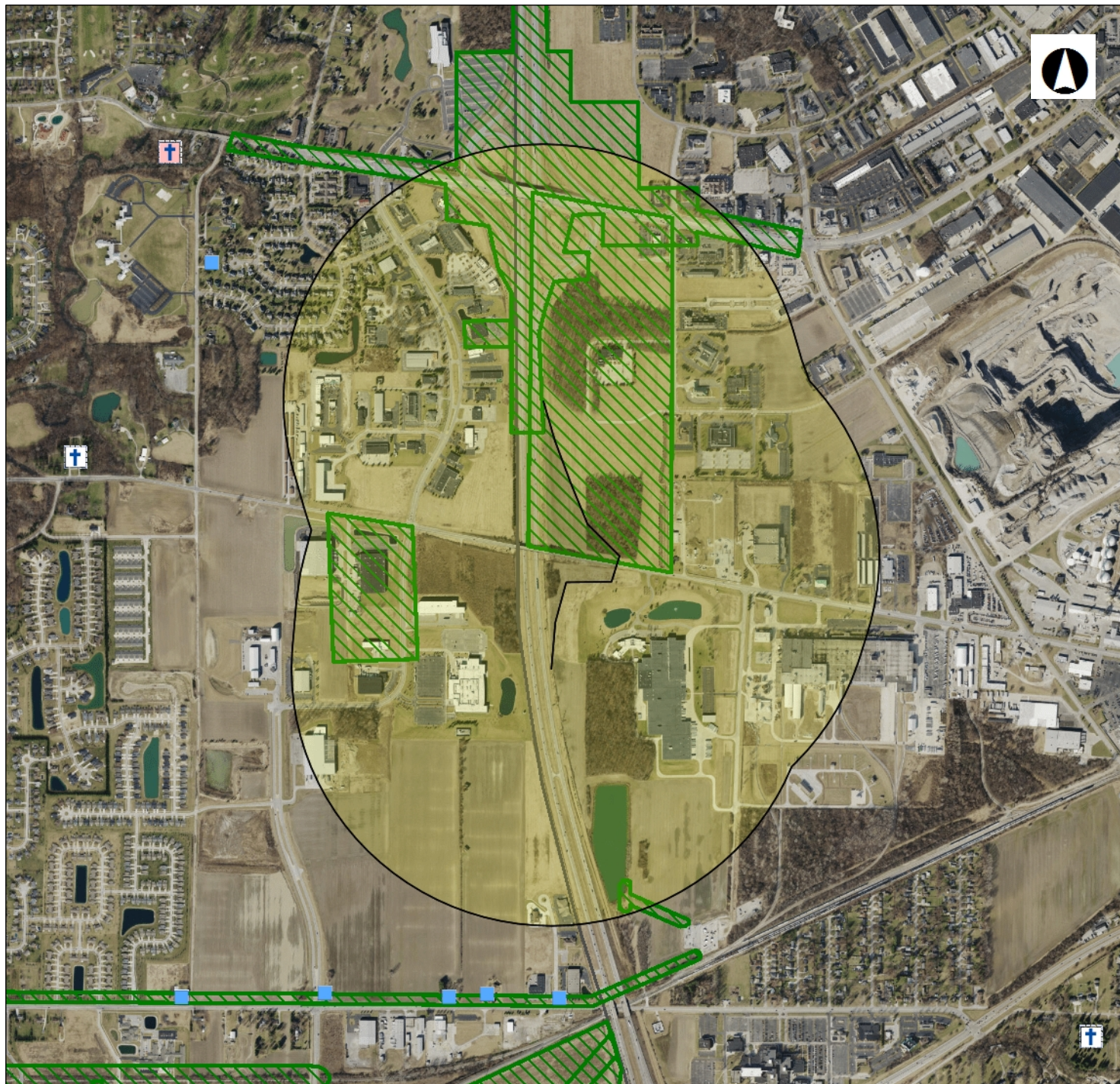
**FirstEnergy.**  
Transmission Design

ANGOLA-MIDWAY 138 KV TRANSMISSION LINE  
RELOCATION PROJECT

SINGLE CIRCUIT STEEL POLE  
VERTICAL DEAD-END / STRAIN

EXHIBIT 5





# Exhibit 6

State Historic  
Preservation Office

## Legend

### NR Listings

- Listed
- ⊙ National Historic Landmark
- ✕ Delisted

### NR Determinations of Eligibi

- ◆ Historic Structures
- Historic Bridges
- Historic Tax Credit Projects

### OGS Cemeteries

- ⊕ Confident
- ⊕ Not Confident

### Dams

### UTM Zone Split

### NR Boundaries

### Phase1

### Phase2

### Phase3

### Historic Previously Surveyec

0 0.30 0.61 Miles

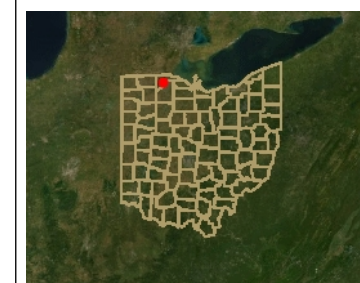
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## Copyright/Disclaimer

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Datum: [Datum]

Projection: WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere







# Ohio Department of Natural Resources

## Exhibit 7

MIKE DeWINE, GOVERNOR

MARY MERTZ, DIRECTOR

### Office of Real Estate

*John Kessler, Chief*

2045 Morse Road – Bldg. E-2

Columbus, OH 43229

Phone: (614) 265-6621

Fax: (614) 267-4764

January 8, 2020

Maggie Molnar  
TRC  
921 Eastwind Drive, Suite 122  
Westerville, Ohio 43081

**Re:** 19-1018; FirstEnergy's Angola-Midway 138 kV Transmission Line Relocation Project

**Project:** The proposed project involves the replacement and relocation of structures H-65 to H-70 of the Angola-Midway 138 kV Transmission Line.

**Location:** The proposed project is located in the City of Maumee, Lucas County, Ohio.

The Ohio Department of Natural Resources (ODNR) has completed a review of the above referenced project. These comments were generated by an inter-disciplinary review within the Department. 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 National Environmental Policy Act, the Coastal Zone Management Act, Ohio Revised Code and other applicable laws and regulations. These comments are also based on ODNR's experience as the state natural resource management agency and do not supersede or replace the regulatory authority of any local, state or federal agency nor relieve the applicant of the obligation to comply with any local, state or federal laws or regulations.

**Natural Heritage Database:** The Natural Heritage Database has the following record at or within a one-mile radius of the project area:

Deertoe (*Truncilla truncata*), State species of concern  
Rayed bean (*Villosa fabalis*), State and federally endangered  
Mussel bed  
Fallen Timbers Battlefield – Toledo Metro Park District

The review was performed on the project area you specified in your request as well as an additional one-mile radius. Records searched date from 1980. This information is provided to inform you of features present within your project area and vicinity. Additional comments on some of the features may be found in pertinent sections below.

Please note that Ohio has not been completely surveyed and we rely on receiving information from many sources. Therefore, a lack of records for any particular area is not a statement that rare species or unique features are absent from that area. Although all types of plant communities have been surveyed, we only maintain records on the highest quality areas.

**Fish and Wildlife:** The Division of Wildlife (DOW) has the following comments.

The DOW recommends that impacts to streams, wetlands and other water resources be avoided and minimized to the fullest extent possible, and that best management practices be utilized to minimize erosion and sedimentation.

The project is within the range of the Indiana bat (*Myotis sodalis*), a state endangered and federally endangered species. The following species of trees have relatively high value as potential Indiana bat roost trees to include: shagbark hickory (*Carya ovata*), shellbark hickory (*Carya laciniosa*), bitternut hickory (*Carya cordiformis*), black ash (*Fraxinus nigra*), green ash (*Fraxinus pennsylvanica*), white ash (*Fraxinus americana*), shingle oak (*Quercus imbricaria*), northern red oak (*Quercus rubra*), slippery elm (*Ulmus rubra*), American elm (*Ulmus americana*), eastern cottonwood (*Populus deltoides*), silver maple (*Acer saccharinum*), sassafras (*Sassafras albidum*), post oak (*Quercus stellata*), and white oak (*Quercus alba*). Indiana bat roost trees consists of trees that include dead and dying trees with exfoliating bark, crevices, or cavities in upland areas or riparian corridors and living trees with exfoliating bark, cavities, or hollow areas formed from broken branches or tops. However, Indiana bats are also dependent on the forest structure surrounding roost trees. If suitable habitat occurs within the project area, the DOW recommends trees be conserved. If suitable habitat occurs within the project area and trees must be cut, the DOW recommends cutting occur between October 1 and March 31. If suitable trees must be cut during the summer months, the DOW recommends a net survey be conducted between June 1 and August 15, prior to any cutting. Net surveys should incorporate either nine net nights per square 0.5 kilometer of project area, or four net nights per kilometer for linear projects. If no tree removal is proposed, this project is not likely to impact this species.

The project is within the range of the snuffbox (*Epioblasma triquetra*), a state endangered and federally endangered mussel, the eastern pondmussel (*Ligumia nasuta*), a state endangered mussel, the range of the rayed bean (*Villosa fabalis*), a state endangered and federally endangered mussel, the pondhorn (*Unio merus tetralasmus*), a state threatened mussel, the black sandshell (*Ligumia recta*), a state threatened mussel, the fawnsfoot (*Truncilla donaciformis*), a state threatened mussel, and the threehorn wartyback (*Obliquaria reflexa*), a state threatened mussel. Due to the location, and that there is no in-water work proposed in a perennial stream, this project is not likely to impact these species.

The project is within the range of the western banded killifish (*Fundulus diaphanus menona*), a state endangered fish, the lake sturgeon (*Acipenser fulvescens*), a state endangered fish, the channel darter (*Percina copelandi*), a state threatened fish, the American eel (*Anguilla rostrata*), a state threatened fish, and the greater redhorse (*Moxostoma valenciennesi*), a state threatened fish. Due to the location, and that there is no in-water work proposed in a perennial stream, this project is not likely to impact these species.

The project is within the range of the Blanding's turtle (*Emydoidea blandingii*), a state threatened species. This species inhabits marshes, ponds, lakes, streams, wet meadows, and swampy forests. Although essentially aquatic, the Blanding's turtle will travel over land as it moves from one wetland to the next. Due to the location, the type of habitat at the project site and within the vicinity of the project area, and the type of work proposed, this project is not likely to impact this species.

The project is within the range of the spotted turtle (*Clemmys guttata*), a state threatened species. This species prefers fens, bogs and marshes, but also is known to inhabit wet prairies, meadows, pond edges, wet woods, and the shallow sluggish waters of small streams and ditches. Due to the

location, the type of habitat at the project site and within the vicinity of the project area, and the type of work proposed, this project is not likely to impact this species.

The project is within the range of the Kirtland's snake (*Clonophis kirtlandii*), a state threatened species. This secretive species prefers wet fields and meadows. Due to the location, the type of habitat at the project site and within the vicinity of the project area, and the type of work proposed, this project is not likely to impact this species.

The project is within the range of the blue-spotted salamander (*Ambystoma laterale*), a state endangered species. Due to the location, the type of habitat at the project site and within the vicinity of the project area, and the type of work proposed, this project is not likely to impact this species.

The project is within the range of the piping plover (*Charadrius melodus*), a state endangered, and federally endangered bird, and the Kirtland's warbler (*Setophaga kirtlandii*), a state endangered bird. These species do not nest in the state but only utilize stopover habitat as they migrate through the region. Due to the location, and the type of work proposed, this project is not likely to impact these species.

The project is within the range of the American bittern (*Botaurus lentiginosus*), a state endangered bird. Nesting bitterns prefer large undisturbed wetlands that have scattered small pools amongst dense vegetation. They occasionally occupy bogs, large wet meadows, and dense shrubby swamps. If this type of habitat will be impacted, construction should be avoided in this habitat during the species' nesting period of May 1 to July 31. If this type of habitat will not be impacted, this project is not likely to impact this species.

The project is within the range of the black tern (*Chlidonias niger*), a state endangered bird. The black tern prefers large, undisturbed inland marshes with fairly dense vegetation and pockets of open water. They nest in various kinds of marsh vegetation but cattail marshes are generally favored. Nests are built on top of muskrat houses or on top of floating vegetation. If this type of habitat will be impacted, construction should be avoided in this habitat from April 1 to June 30 to reduce impacts to this species. If this type of habitat will not be impacted, this project is not likely to impact this species.

The project is within the range of the common tern (*Sterna hirundo*), a state endangered bird. The preferred nesting sites of common terns are natural or man-made islands that are free of mammalian predators and human disturbance. They will also utilize mainland beaches and dredge disposal areas but only when islands are unavailable. The common tern nests in colonies. Their eggs are laid in a grass-lined depression in the sand. If this type of habitat will be impacted, construction should be avoided in this habitat during the species' nesting period of May 1 to August 1. If this type of habitat will not be impacted, this project is not likely to impact this species.

The project is within the range of the king rail (*Rallus elegans*), a state endangered bird. Nests for this species are deep bowls constructed out of grass and usually hidden very well in marsh vegetation. If this type of habitat will be impacted, construction should be avoided in this habitat during the species' nesting period of May 1 to August 1. If this type of habitat will not be impacted, this project is not likely to impact this species.

The project is within the range of the cattle egret (*Bubulcus ibis*), a state endangered bird. Cattle egrets are not strictly wetland birds. They often forage in dry pastures and fields. Egrets nest in



colonies and will build a nest out of sticks and other materials wherever it can be supported. If this type of habitat will be impacted, construction should be avoided in this habitat during the species' nesting period of May 15 to August 15. If no wetland habitat will be impacted, this project is not likely to impact this species.

The project is within the range of the lark sparrow (*Chondestes grammacus*), a state endangered bird. This sparrow nests in grassland habitats with scattered shrub layers, disturbed open areas, as well as patches of bare soil. In the Oak Openings area west of Toledo, lark sparrows occupy open grass and shrubby fields along sandy beach ridges. These summer residents normally migrate out of Ohio shortly after their young fledge or leave the nest. If this type of habitat will be impacted, construction should be avoided in this habitat during the species' nesting period of May 1 to June 30. If this type of habitat will not be impacted, this project is not likely to impact this species.

The project is within the range of the upland sandpiper (*Bartramia longicauda*), a state endangered bird. Nesting upland sandpipers utilize dry grasslands including native grasslands, seeded grasslands, grazed and ungrazed pasture, hayfields, and grasslands established through the Conservation Reserve Program (CRP). If this type of habitat will be impacted, construction should be avoided in this habitat during the species' nesting period of April 15 to July 31. If this type of habitat will not be impacted, this project is not likely to impact this species.

Due to the potential of impacts to federally listed species, as well as to state listed species, we recommend that this project be coordinated with the U.S. Fish & Wildlife Service.

**Water Resources:** The Division of Water Resources has the following comment.

The local floodplain administrator should be contacted concerning the possible need for any floodplain permits or approvals for this project. Your local floodplain administrator contact information can be found at the website below.

[http://water.ohiodnr.gov/portals/soilwater/pdf/floodplain/Floodplain%20Manager%20Community%20Contact%20List\\_8\\_16.pdf](http://water.ohiodnr.gov/portals/soilwater/pdf/floodplain/Floodplain%20Manager%20Community%20Contact%20List_8_16.pdf)

ODNR appreciates the opportunity to provide these comments. Please contact Sarah Tebbe, Environmental Specialist, at (614) 265-6397 or [Sarah.Tebbe@dnr.state.oh.us](mailto:Sarah.Tebbe@dnr.state.oh.us) if you have questions about these comments or need additional information.

John Kessler  
Environmental Services Administrator

**Pitts, Justin**

---

**From:** Molnar, Maggie  
**Sent:** Friday, December 27, 2019 10:31 AM  
**To:** Falkinburg, Brad; Pitts, Justin  
**Subject:** Fwd: [EXTERNAL] TRC No. 286577.0028 Angola-Midway138 kV Transmission Line Maumee, Lucas Co.

Brad, Fyi.

Justin, if you are in the office today can you save into the Project folder please? First Energy ETF Angola-Midway, thanks!!!

Maggie Molnar  
TRC  
690 Taylor Road Suite 100  
Gahanna, Ohio 43230  
T: (614) 423-6342; C: (614) 949-2437  
MMolnar@trccompanies.com

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**From:** susan\_zimmermann@fws.gov <susan\_zimmermann@fws.gov> on behalf of Ohio, FW3  
<ohio@fws.gov>  
**Sent:** Monday, December 23, 2019, 1:56 PM  
**To:** Molnar, Maggie  
**Subject:** [EXTERNAL] TRC No. 286577.0028 Angola-Midway138 kV Transmission Line Maumee, Lucas Co.

This is an **EXTERNAL** email. Do not click links or open attachments unless you validate the sender and know the content is safe.



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# 03E15000-2020-TA-0457

Dear Ms. Molnar,

We have received your recent correspondence regarding potential impacts to federally listed species in the vicinity of the above referenced project. There are no federal wilderness areas, wildlife refuges or designated critical habitat within the vicinity of the project area. We recommend that proposed activities minimize water

quality impacts, including fill in streams and wetlands. Best management practices should be utilized to minimize erosion and sedimentation.

**FEDERALLY LISTED, PROPOSED, AND CANDIDATE SPECIES COMMENTS:** Due to the project type, size, location, and the proposed implementation of seasonal tree cutting (clearing of trees  $\geq 3$  inches diameter at breast height between October 1 and March 31) to avoid impacts to the federally listed endangered Indiana bat (*Myotis sodalis*) and threatened northern long-eared bat (*Myotis septentrionalis*), we do not anticipate adverse effects to any 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 U.S. Fish and Wildlife Service (Service) should be initiated to assess any potential impacts.

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 Endangered Species Act (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.

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.), 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](mailto: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](mailto:ohio@fws.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Patrice M. Ashfield". The signature is fluid and cursive, with a large initial "P" and a long, sweeping underline.

Patrice M. Ashfield  
Field Office Supervisor



DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS, HUNTINGTON DISTRICT  
502 8<sup>TH</sup> STREET  
HUNTINGTON, WV 25701

Exhibit 9

January 30, 2019

Regulatory Division  
South/Transportation Branch  
LRH-2015-00978-MAU – UT Swan Creek  
LUC-475-1.85 at 20A Interchange, PID 99731

Mr. Timothy Hill  
The Ohio Department of Transportation  
1980 West Broad Street, Mail Stop 4170  
Columbus, Ohio 43223

Dear Mr. Hill:

I refer to the Level 1 Ecological Survey Report (ESR) prepared by Lawhon and Associates, Inc., initially received by this office on October 1, 2015 and subsequent revised ESR received via e-mail on January 14, 2019. The ESR was prepared for a proposed new interchange to connect Interstate 475 with United States (U.S.) Route 20A (Illinois Avenue/Maumee Western Road) in the townships of Sylvania and Monclova in Lucas County, Ohio. Waters within the review area drain into the Maumee River.

The U.S. Army Corps of Engineers' (Corps) authority to regulate waters of the U.S. is based on the definitions and limits of jurisdiction contained in 33 CFR 328 and 33 CFR 329. Section 404 of the Clean Water Act (Section 404) requires that a Department of the Army (DA) permit be obtained prior to discharging dredged or fill material into waters of the U.S., including wetlands. Section 10 of the Rivers and Harbors Act of 1899 (Section 10) requires that a DA permit be obtained for any work in, on, over or under a navigable water.

You have requested a preliminary jurisdictional determination (PJD) for the aquatic resources within the review area for the proposed project. The enclosed maps correctly describe 270 linear feet of indirect tributary to the Maumee River and 0.19-acre of wetlands within the approximate 180.8-acre review area.

Based on the information provided, a field review of the site on January 6, 2016, and other information available to us, this office has determined that the aquatic resources described in the enclosed PJD form **may** be jurisdictional waters of the U.S. This determination has been made in accordance with the Regulatory Guidance Letter (RGL) for Jurisdictional Determinations issued by the Corps on October 31, 2016 (RGL No. 16-01). As indicated in the guidance, this PJD is non-binding and cannot be appealed (33 CFR 331.2), and only provides a written indication that waters of the U.S., including wetlands, may be present on-site.

You have declined to exercise the option to obtain an approved jurisdictional determination in this instance and at this time. For the purposes of the determination of impacts, compensatory mitigation, and other resource protection measures for activities that require authorization from this office, the aquatic resources described in the enclosed PJD will be evaluated as if they are waters of the U.S.

Enclosed please find two copies of the PJD. If you agree with the findings of this PJD and understand your options regarding the same, please sign and date one copy of the form and return it to this office within 30 days of receipt of this letter. You should submit the signed copy to the following address:

Mr. Brett C. Latta, CPG (LRH-2015-00978-MAU)  
U.S. Army Corps of Engineers - Huntington District  
Ohio Regulatory Transportation Office  
Building 10 / Section 10, PO Box 3990  
Columbus, Ohio 43218-3990

If you have any questions concerning the above information, please contact Brett Latta at (614) 692-4672 or by e-mail at [Brett.C.Latta@usace.army.mil](mailto:Brett.C.Latta@usace.army.mil).

Sincerely,

PORTER.SUSAN  
.A.1229735230

Digitally signed by  
PORTER.SUSAN.A.1229735230  
DN: c=US, o=U.S. Government,  
ou=DoD, ou=PKI, ou=USA,  
cn=PORTER.SUSAN.A.1229735230  
Date: 2019.01.30 14:33:22 -05'00'

Susan A. Porter  
Chief, South/Transportation Branch

Enclosures

cc w/ enclosures via e-mail:

Mr. Brandon Beck  
The Ohio Environmental Protection Agency  
Division of Surface Water  
P.O. Box 1049  
Columbus, Ohio 43216-1049  
[Brandon.Beck@epa.ohio.gov](mailto:Brandon.Beck@epa.ohio.gov)

Mr. Matthew Raymond  
The Ohio Department of Transportation  
1980 West Broad Street, Mail Stop 4170  
Columbus, Ohio 43223  
[Matt.Raymond@dot.ohio.gov](mailto:Matt.Raymond@dot.ohio.gov)

Ms. Adrienne Earley, M.S.  
The Ohio Department of Transportation  
1980 West Broad Street, Mail Stop 4170  
Columbus, Ohio 43223  
[Adrienne.Earley@dot.ohio.gov](mailto:Adrienne.Earley@dot.ohio.gov)

Mr. Jeffrey Boyles  
The Ohio Environmental Protection Agency  
Division of Surface Water  
P.O. Box 1049  
Columbus, Ohio 43216-1049  
[Jeffrey.Boyles@epa.ohio.gov](mailto:Jeffrey.Boyles@epa.ohio.gov)

**PRELIMINARY JURISDICTIONAL DETERMINATION (PJD) FORM**

**BACKGROUND INFORMATION**

**A. REPORT COMPLETION DATE FOR PJD: 30 January 2019**

**B. NAME AND ADDRESS OF PERSON REQUESTING PJD:**

The Ohio Department of Transportation  
Office of Environmental Services  
1980 West Broad Street, Mail Stop 4170  
Columbus, Ohio 43223

**C. DISTRICT OFFICE, FILE NAME, AND NUMBER:**

Huntington District, LUC-475-1.85 at 20A Interchange (PID 99731), LRH-2015-00978-MAU

**D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION:**

**(USE THE TABLE BELOW TO DOCUMENT MULTIPLE AQUATIC RESOURCES AND/OR  
AQUATIC RESOURCES AT DIFFERENT SITES)**

State: Ohio County/parish/borough: Lucas City: Monclova and Sylvania Townships

Center coordinates of site (lat/long in degree decimal format):

Lat.: 41.57165 Long.: -83.69118

Universal Transverse Mercator: NAD 83

Name of nearest waterbody: Unnamed tributary to Swan Creek

**E. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):**

☒ Office (Desk) Determination. Date: 18 January 2019

☒ Field Determination. Date(s): 6 January 2016

**TABLE OF AQUATIC RESOURCES IN REVIEW AREA WHICH "MAY BE" SUBJECT TO REGULATORY  
JURISDICTION.**

Site number	Latitude (decimal degrees)	Longitude (decimal degrees)	Estimated amount of aquatic resource in review area (acreage and linear feet, if applicable)	Type of aquatic resource (i.e., wetland vs. non- wetland waters)	Geographic authority to which the aquatic resource "may be" subject (i.e., Section 404 or Section 10/404)
Stream 1	41.57116	-83.68620	270 Linear Feet	Non-Wetland – Seasonal- Intermittent	Section 404
Wetland C	41.57106	-83.68810	0.04-Acre	Wetland – PEM	Section 404
Wetland D	41.59046	-83.69162	0.03-Acre	Wetland – PEM	Section 404
*Wetland E	41.56121	-83.68785	0.12-Acre	Wetland – PSS	Section 404

\*Potential wetland boundary extends beyond the PJD review area.

- 1) The Corps of Engineers believes that there may be jurisdictional aquatic resources in the review area, and the requestor of this PJD is hereby advised of his or her option to request and obtain an approved JD (AJD) for that review area based on an informed decision after having discussed the various types of JDs and their characteristics and circumstances when they may be appropriate.
- 2) In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring "pre-construction notification" (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an AJD for the activity, the permit applicant is hereby made aware that: (1) the permit applicant has elected to seek a permit authorization based on a PJD, which does not make an official determination of jurisdictional aquatic resources; (2) the applicant has the option to request an AJD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an AJD could possibly result in less compensatory mitigation being required or different special conditions; (3) the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization; (4) the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) undertaking any activity in reliance upon the subject permit authorization without requesting an AJD constitutes the applicant's acceptance of the use of the PJD; (6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a PJD constitutes agreement that all aquatic resources in the review area affected in any way by that activity will be treated as jurisdictional, and waives any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an AJD or a PJD, the JD will be processed as soon as practicable. Further, an AJD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331. If, during an administrative appeal, it becomes appropriate to make an official determination whether geographic jurisdiction exists over aquatic resources in the review area, or to provide an official delineation of jurisdictional aquatic resources in the review area, the Corps will provide an AJD to accomplish that result, as soon as is practicable. This PJD finds that there "*may be*" waters of the U.S. and/or that there "*may be*" navigable waters of the U.S. on the subject review area, and identifies all aquatic features in the review area that could be affected by the proposed activity, based on the following information:



**SUPPORTING DATA. Data reviewed for PJD (check all that apply)**

Checked items should be included in subject file. Appropriately reference sources below where indicated for all checked items:


- ☒ Maps, plans, plots or plat submitted by or on behalf of the PJD requestor: Map: The ODOT submitted a Level 1 Ecological Survey Report (ESR) for LUC-475-1.85 at 20A Interchange, PID 99731 dated 10 January 2019.
- ☒ Data sheets prepared/submitted by or on behalf of the PJD requestor.
  - ☒ Office concurs with data sheets/delineation report.
  - ☐ Office does not concur with data sheets/delineation report. Rationale: \_\_\_\_\_.
- ☐ Data sheets prepared by the Corps: \_\_\_\_\_.
- ☐ Corps navigable waters' study: \_\_\_\_\_.
- ☒ U.S. Geological Survey Hydrologic Atlas: 04100009 retrieved from ORM database \_\_\_\_\_.
- ☐ USGS NHD data.
- ☒ USGS 8 and 12 digit HUC maps.
- ☒ U.S. Geological Survey map(s). Cite scale & quad name: Maumee, OH (7.5-minute). See Level 1 ESR for LUC-475-1.85 at 20A Interchange, PID 99731 – Appendix 1.
- ☐ Natural Resources Conservation Service Soil Survey. Citation: \_\_\_\_\_.
- ☐ National wetlands inventory map(s). Cite name: \_\_\_\_\_.
- ☐ State/local wetland inventory map(s): \_\_\_\_\_.
- ☐ FEMA/FIRM maps: \_\_\_\_\_.
- ☐ 100-year Floodplain Elevation is: \_\_\_\_\_.(National Geodetic Vertical Datum of 1929)
- ☒ Photographs: ☒ Aerial (Name & Date): See Level 1 ESR for LUC-475-1.85 at 20A Interchange, PID 99731 – Appendix 1 (aerial date unknown).  
or ☒ Other (Name & Date): See Level 1 ESR for LUC-475-1.85 at 20A Interchange, PID 99731 – Appendix 2 (dates vary from 2014-2017).
- ☐ Previous determination(s). File no. and date of response letter: \_\_\_\_\_.
- ☐ Other information (please specify): See the enclosed table and maps.

**IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.**

LATTA.BRETT.C.  
1381469340

Digitally signed by LATTA.BRETT.C.1381469340  
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,  
ou=USA, cn=LATTA.BRETT.C.1381469340  
Date: 2019.01.30 16:13:01 -05'00'

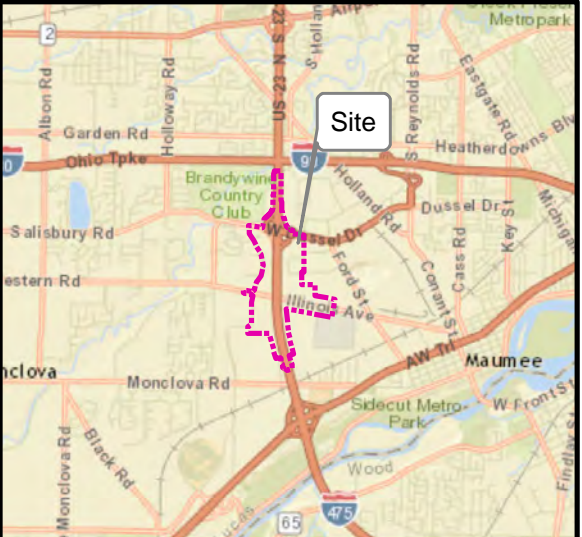
\_\_\_\_\_  
Signature and date of  
Regulatory staff member  
completing PJD

  
\_\_\_\_\_  
Signature and date of  
person requesting PJD  
(REQUIRED, unless obtaining  
the signature is impracticable)<sup>1</sup>

1-31-19

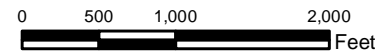
<sup>1</sup> Districts may establish timeframes for requestor to return signed PJD forms. If the requestor does not respond within the established time frame, the district may presume concurrence and no additional follow up is necessary prior to finalizing an action.





**Legend**

- Study Area
- Impact Limits



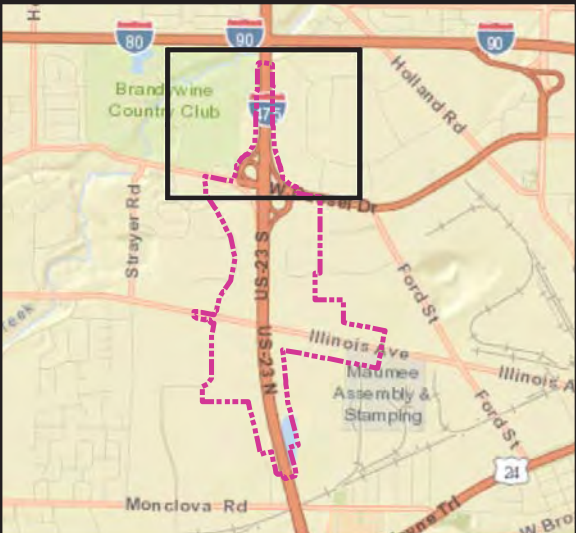
LUC-475-1.85  
PID: 99731

USGS Topographic Map  
Maumee Quad



Date: Oct 2017	Approved by: SSD	L&A No. 16-0064	Figure 2
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Extent Indicator Map

Legend

- Study Area
- Impact Limits
- Stream
- Culvert
- Wetland
- Sample Point



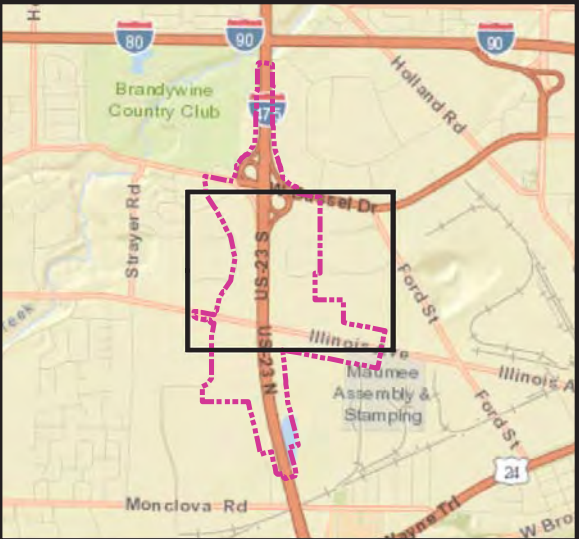
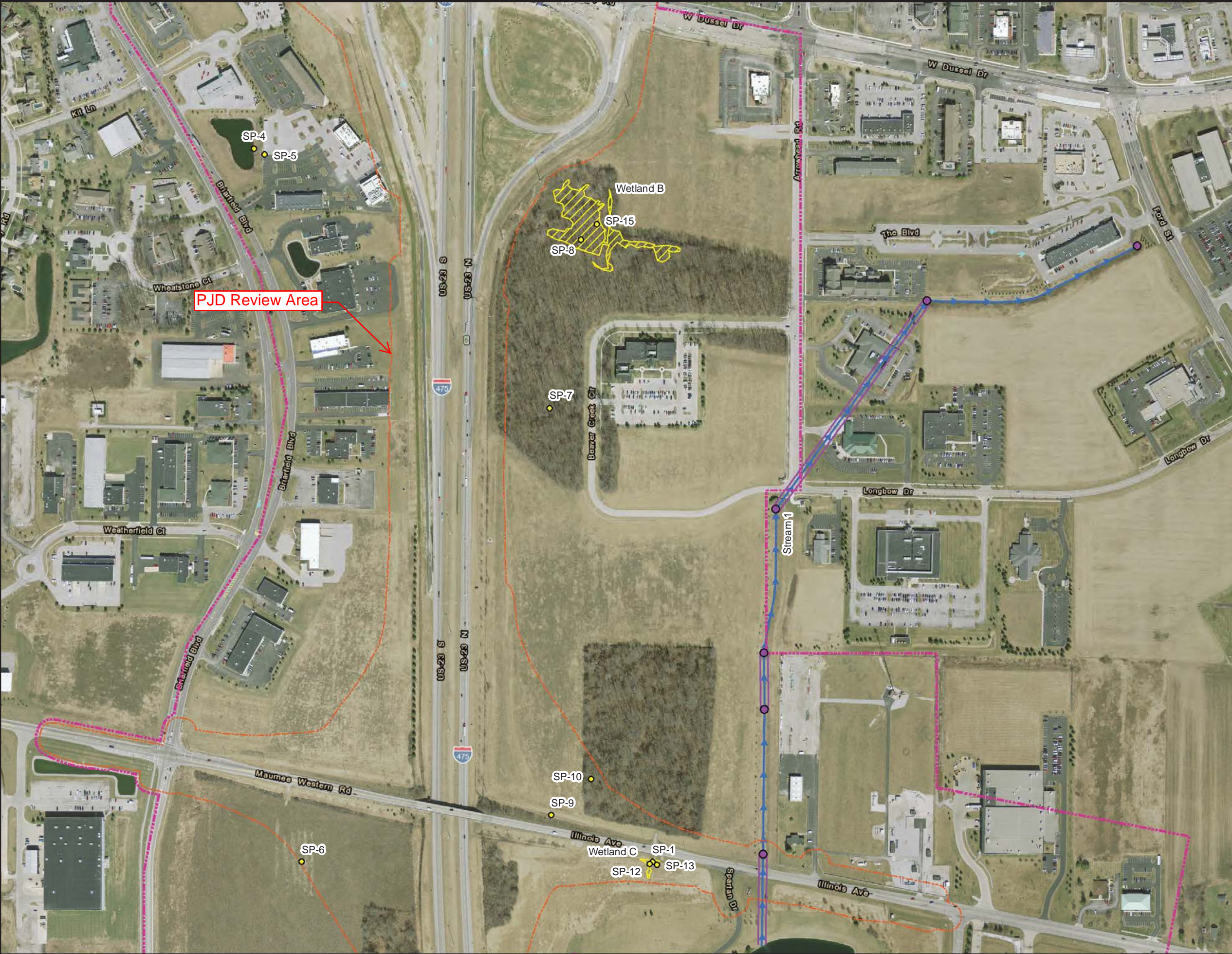
LUC-475-1.85  
PID: 99731

Ecological Resources Map



Date: Jan 2019	Approved by: SSD	L&A No. 16-0064	Figure 3-a
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Extent Indicator Map

### Legend

- Study Area
- Impact Limits
- Stream
- Culvert
- Culverted Stream
- Wetland
- Sample Point

0 100 200 400 600 800 Feet

LUC-475-1.85  
PID: 99731

Ecological Resources Map

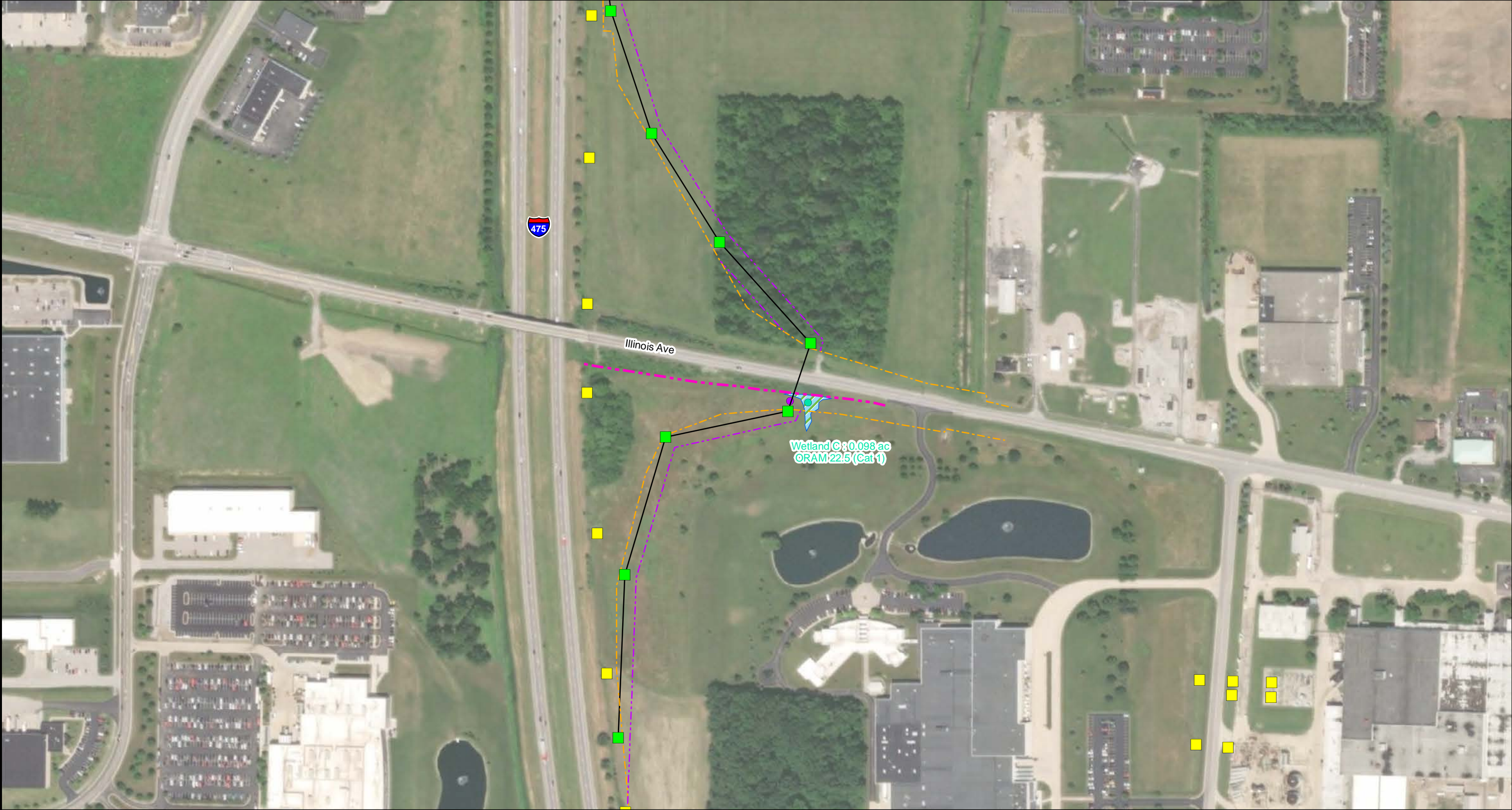
Date: Jan 2019  
Approved by: SSD  
L&A No. 16-0064  
Figure 3-b

Lawton & Associates, Inc.









<div><div><div><div><div><div></div></div><div>Existing Structure</div></div><div><div><div></div></div><div>New Structure</div></div><div><div><div></div></div><div>Centerline of Proposed Electric Line</div></div><div><div><div></div></div><div>Proposed Limited Access Right of Way Boundary</div></div><div><div><div></div></div><div>Proposed Transmission Line Easement Boundary</div></div></div><div><div><div><div></div></div><div>Non-JD Drainage Line</div></div><div><div><div></div></div><div>Wetland</div></div><div><div><div></div></div><div>Wetland Data Point</div></div><div><div><div></div></div><div>Upland Data Point</div></div></div></div></div>	<div>Exhibit 10</div>	<div>SOURCES: IMAGERY (LUCAS COUNTY)</div> <div>COORDINATE SYSTEM: STATEPLANE OHIO NORTH DATUM: NORTH AMERICAN 1983</div> <div>NOVEMBER 2020</div>		<div>FIRST ENERGY ANGOLA-MIDWAY 138KV MAUMEE, LUCAS COUNTY, OHIO</div> <div>DELINEATION MAP</div> <div><div>FirstEnergy</div><div>TRC</div></div> <div><div>0150300600</div><div>Feet</div></div> <div></div>
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**PHOTOGRAPHIC RECORD**  
**Angola-Midway 138kV Illinois Avenue Project**

<b>Client Name:</b> FirstEnergy Corporation	<b>Site Location:</b> City of Maumee, Lucas County, Ohio	<b>Project No.</b> 286577.0028.0000
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<b>Photo No. 1.</b>	
<b>Date:</b> 11/11/2020	
<b>Description:</b>  Looking toward Wetland C, facing west.	

<b>Photo No. 2.</b>	
<b>Date:</b> 11/11/2020	
<b>Description:</b>  Looking toward Wetland C, facing north.	





**PHOTOGRAPHIC RECORD**  
**Angola-Midway 138kV Illinois Avenue Project**

<b>Client Name:</b> FirstEnergy Corporation	<b>Site Location:</b> City of Maumee, Lucas County, Ohio	<b>Project No.</b> 286577.0028.0000
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<b>Photo No. 3.</b>	
<b>Date:</b> 11/11/2020	
<b>Description:</b>  Looking toward Wetland C from Private Drive/Illinois Avenue, facing west.	

<b>Photo No. 4.</b>	
<b>Date:</b> 11/11/2020	
<b>Description:</b>  Looking toward Wetland C, facing southeast.	