Letter of Notification Anguin Station Project



PUCO Case No. 19-0040-EL-BLN

Submitted to:

The Ohio Power Siting Board Pursuant to Ohio Administrative Code Section 4906-6-05

Submitted by:

AEP Ohio Transmission Company, Inc.

January 22, 2019

LETTER OF NOTIFICATION

AEP Ohio Transmission Company, Inc.'s Anguin Station Project

4906-6-05

AEP Ohio Transmission Company, Inc. ("AEP Ohio Transco") provides the following information in accordance with the requirements of Ohio Administrative Code Section 4906-6-05.

4906-6-05(B) General Information

B(1) Project Description

The name of the project and applicant's reference number, names and reference number(s) of resulting circuits, a brief description of the project, and why the project meets the requirements for a Letter of Notification.

AEP Ohio Transco proposes the Anguin Station Project ("Project"), which is located in Licking and Franklin Counties, Ohio. The Project involves constructing a new substation for a confirmed customer that has formalized their intent with AEP in December of 2018. The Project consists of constructing a new 138 kV breaker and a half station. **Figure 1** shows the location of the Project in relation to the surrounding vicinity.

The need for the project will be filed with PJM for review in February 2019, and the project will be included in the 2019 Long Term Forecast Report (LTFR) filing in the spring of 2019. The reference number will be submitted to the OPSB once issued by PJM.

The Project meets the requirements for a Letter of Notification because it is within the types of projects defined by (3) of Ohio Administrative Code Section 4906-1-01 Appendix A of the Application Requirement Matrix for Electric Power Transmission Lines. This item states:

3. Constructing a new electric power transmission substation.

B(2) Statement of Need

If the proposed Letter of Notification project is an electric power transmission line or gas or natural gas transmission line, a statement explaining the need for the proposed facility.

Anguin Station is a customer driven project for a new source in New Albany, Ohio with a maximum proposed load of 720 MW. The customer plans to phase their load, where the first phase will be 150 MW and their subsequent phases will progressively rise to 720 MW (peak) load. AEP proposes to construct a new 138kV breaker and a half station (Anguin), fed from Babbitt Station to serve up to 12 transformers. This project will be submitted to PJM as a Supplemental Project.

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B(3) Project Location

The applicant shall provide the location of the project in relation to existing or proposed lines and substations shown on an area system map of sufficient scale and size to show existing and proposed transmission facilities in the Project area.

The location of the Project in relation to existing transmission lines and stations is shown on **Figure 1**. The Project directly impacts the following existing facilities:

• Babbitt Station

B(4) Alternatives Considered

The applicant shall describe the alternatives considered and reasons why the proposed location or route is best suited for the proposed facility. The discussion shall include, but not be limited to, impacts associated with socioeconomic, ecological, construction, or engineering aspects of the project.

The proposed station location was determined in coordination with the New Albany Company's development plans for two separate customers. The proposed station location allows for the greatest possible land use as indicated by the New Albany Company. The New Albany Company has indicated that the proposed station location is within close proximity to their customer's delivery points. The station was originally planned to be two separate stations. However, the currently proposed site meets the size requirements to feed both possible customer's needs in a single location. The site meets the needs of the substation design specifications, is suitably distant from any residential development in the area, and will ultimately be surrounded by the future commercial land uses of the developer. Although other substation sites were considered, they were ultimately not feasible given the desire to remain within the proposed development and still fit within the build-out plans of the developer.

B(5) Public Information Program

The applicant shall describe its public information program to inform affected property owners and tenants of the nature of the project and the proposed timeframe for project construction and restoration activities.

AEP Ohio Transco will inform affected property owners and tenants about this Project through several different mediums. Within seven days of filing this Letter of Notification ("LON"), AEP Ohio Transco will issue a public notice in a newspaper of general circulation in the Project area. The notice will comply with all requirements of OAC Section 4906-6-08(A)(1-6). Further, AEP Ohio Transco has mailed (or will mail) a letter, via first class mail, to affected landowners, tenants, contiguous owners and any other landowner AEP Ohio Transco may approach for an easement necessary for the construction, operation, or maintenance of the Project. The letter will comply with all requirements of OAC Section 4906-6-08(B). AEP Ohio Transco maintains a website (http://aeptransmission.com/ohio/) which provides the public access to an electronic copy of this LON and the public notice for this LON. A paper copy of the LON will be served to the public library in each political subdivision for this Project. AEP Ohio Transco retains ROW land agents that discuss Project timelines, construction and restoration activities and convey information to affected owners and tenants throughout the project.

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B(6) Construction Schedule

The applicant shall provide an anticipated construction schedule and proposed in-service date of the project.

Construction of the Project is planned to begin in April 2019 with an anticipated in-service date of February 2020.

B(7) Area Map

The applicant shall provide a map of at least 1:24,000 scale clearly depicting the facility with clearly marked streets, roads, and highways, and an aerial image.

Figure 1 in Appendix A provides the proposed Project area on a map of 1:24,000-scale, and provides an approximate station fence line on the United States Geological Survey (USGS) 7.5-minute topographic maps of the New Albany and Jersey quadrangles. **Figure 2** shows the Project area on recent aerial photography, as provided by Bing Maps.

To access the Project location from the OPSB Office, take I-670 East for approximately 6 miles to I-270 North. At exit 30, take the ramp right for Ohio 161 East toward New Albany. After 8.4 miles, take the ramp right and follow signs for Township Highway 88/Beech Road. Turn right on Beech Road and continue 0.5 mile. The station site is located on the right at latitude 40.067, longitude -82.766.

B(8) Property Agreements

The applicant shall provide a list of properties for which the applicant has obtained easements, options, and/or land use agreements necessary to construct and operate the facility and a list of the additional properties for which such agreements have not been obtained.

The proposed Project will be constructed on property currently owned by the New Albany Company. The station site will be transferred to AEP Ohio Transco. After transfer of the station property, no options, and/or land use agreements are necessary to construct and operate the facility. Easements are being established with the New Albany Company between the existing Babbitt Station and the Proposed Anguin Station for connection to the Babbitt Station, which will be filed as a separate LON.

B(9) Technical Features

The applicant shall describe the following information regarding the technical features of the project:

B(9)(a) Operating characteristics, estimated number and types of structures required, and right-of-way and/or land requirements.

Figure 3 provides the proposed layout for Anguin Station. Equipment proposed includes:

1) 34 - 138KV, 4000A, 3-phase, group-operated switches

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- 2) 8 138KV, 4000A, 63KA circuit breakers
- 3) 2 138KV, 3000A, 3-phase, group-operated switches
- 4) 2 138KV, 3000A, 63KA circuit breakers
- 5) 2 138KV, 3000A, 45KA capacitor switching circuit breakers
- 6) 2 138KV capacitor banks

Control Building: The control house will consist of pre-engineered and factory fabricated metal building to contain all switch control and relay panels and miscellaneous equipment. This would include an RTU, circuit breaker controls and line protection panels, batteries, battery chargers, and other miscellaneous equipment. The control houses will include building HVAC and internal lighting. The facility will not be manned. Plumbing facilities are not required.

Lighting systems at the station will be necessary for safety, security, and to comply with applicable standards. There are two different illumination levels for lighting systems. NESC Section 11, Table 111-1 recommends a two foot-candle illumination level in stations for general service lighting. The IES Lighting Handbook, Figure 2-1, recommends a 0.5 foot-candle horizontal illumination level for general security lighting. Security lighting is dusk to dawn intended to illuminate the areas inside the station yard that might attract vandalism or theft. Service lighting is switch controlled intended to provide additional lighting for unscheduled callouts to the station.

B(9)(b) Electric and Magnetic Fields

For electric power transmission lines that are within one hundred feet of an occupied residence or institution, the production of electric and magnetic fields during the operation of the proposed electric power transmission line.

No occupied residences or institutions are located within 100 feet of the Project.

B(9)(b)(ii)(c) Project Cost

The estimated capital cost of the project.

The capital cost estimate for the proposed Project, which is comprised of applicable tangible and capital costs, is approximately \$47,000,000.

B(10) Social and Economic Impacts

The applicant shall describe the social and ecological impacts of the project:

B(10)(a) Land Use and Vicinity

Provide a brief, general description of land use within the vicinity of the proposed project, including a list of municipalities, townships, and counties affected.

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An aerial photograph of the Project vicinity is provided as **Figure 2**. The Project site is primarily agricultural land with scattered woodlots. Two ponds are visible in the Project vicinity, including one that is mapped on the eastern portion of the proposed fenced area of the substation and one that is mapped on the southwestern portion of the larger substation site. The Project is located in the Village of New Albany in Jersey Township and Licking County and in Plain Township in Franklin County.

B(10)(b) Agricultural Land Information

Provide the acreage and a general description of all agricultural land, and separately all agricultural district land, existing at least sixty days prior to submission of the application within the potential disturbance area of the project.

The Project property is approximately 46.5 acres and includes areas of undeveloped woodlots and agricultural land used for row crops. The Franklin and Licking County Auditors were contacted on December 18, 2018 regarding the Project site. The site is reportedly not registered in an agricultural district.

B(10)(c) Archaeological and Cultural Resources

Provide a description of the applicant's investigation concerning the presence or absence of significant archaeological or cultural resources that may be located within the potential disturbance area of the project, a statement of the findings of the investigation, and a copy of any document produced as a result of the investigation.

Archaeological and historic architectural investigations were conducted by an AEP Ohio Transco consultant for this Project. No cultural resources concerns were identified. Copies of the resulting reports have been provided to the OPSB under separate cover.

B(10)(d) Local, State, and Federal Agency Correspondence

Provide a list of the local, state, and federal governmental agencies known to have requirements that must be met in connection with the construction of the project, and a list of documents that have been or are being filed with those agencies in connection with siting and constructing the project.

Local, state, and federal requirements for the substation site have been coordinated as part of the overall customer development project. A Notice of Intent will be filed with the Ohio Environmental Protection Agency for authorization of construction storm water discharges under General Permit OHC000005.

The New Albany Company with the assistance of EMH&T has been working to develop this area for several years. Supplemental environmental data will be submitted to Staff separately. This data covers hundreds of acres and incorporates the acreage that AEP will be purchasing from the New Albany Company in second quarter of 2019.

The following documentation is available and is actively being coordinated with the following agencies.

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Filed with the U.S. Army Corps of Engineers

- A Jurisdictional Determination was approved by the Corps in May of 2018.
 - o Investigation of Waters of the U.S.: Beech Road West Project
- Industrial Support Facility PCN (NWP 39) Filed November 12, 2018
 - o This covers Stream 16, Wetland 76, and Pond 13
- A Nationwide Permit 27 will be filed by the New Albany Company by the end of January 2019
 - This permit encompasses Stream 7 and Pond 7.
 - NWP 27 will provide for the restoration of Stream 7 and will disconnect Pond 7 from Stream
 Once completed Pond 7 will not be a Water of the U.S.

Filed with the Ohio Environmental Protection Agency

- Level 1 Isolated Wetlands Permit for Industrial Support Facility
- Ohio General Permit for Filling Category 1 and Category 2 Isolated Wetlands

Coordination with the U.S. Fish and Wildlife Services

• Year round tree clearing through March 31, 2021.

Ohio Department of Natural Resources Coordination

• Ohio Natural Heritage Database Review coordination information.

B(10)(e) Threatened, Endangered, and Rare Species

Provide a description of the applicant's investigation concerning the presence or absence of federal and state designated species (including endangered species, threatened species, rare species, species proposed for listing, species under review for listing, and species of special interest) that may be located within the potential disturbance area of the project, a statement of the findings of the investigation, and a copy of any document produced as a result of the investigation.

Coordination with the United States Fish and Wildlife Service (USFWS) and the Ohio Department of Natural Resources (ODNR) occurred as part of the overall customer development project. The Indiana and northern long-eared bats are the only species identified as potential concerns by these agencies. Through additional surveys and coordination performed through the customer's development efforts, there are not restrictions for tree clearing within the limits of disturbance proposed for the substation site.

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B(10)(f) Areas of Ecological Concern

Provide a description of the applicant's investigation concerning the presence or absence of areas of ecological concern (including national and state forests and parks, floodplains, wetlands, designated or proposed wilderness areas, national and state wild and scenic rivers, wildlife areas, wildlife refuges, wildlife management areas, and wildlife sanctuaries) that may be located within the potential disturbance area of the project, a statement of the findings of the investigation, and a copy of any document produced as a result of the investigation.

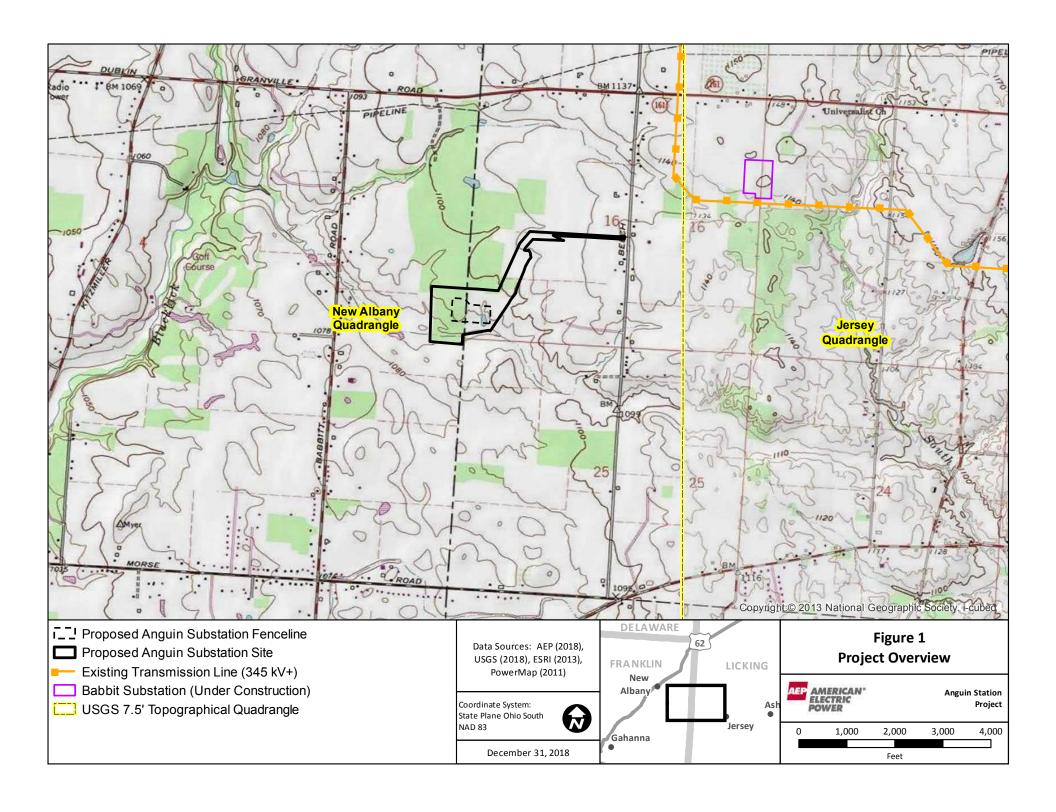
An ecological survey was conducted as part of the customer's overall development project. **Figure 4** presents the results of that survey. The substation site will impact Stream 16, Wetland 76, Pond 13, and Pond 7. Permits and approvals required for these impacts are described in Section B(10)(d).

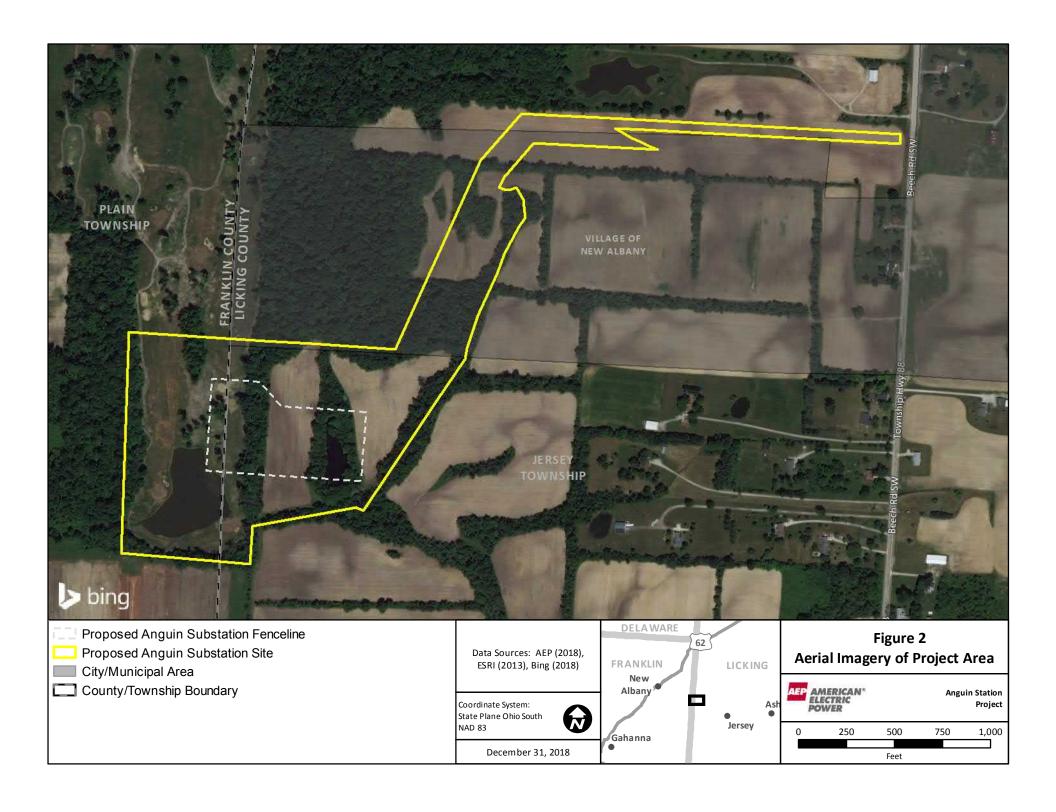
B(10)(g) Unusual Conditions

Provide any known additional information that will describe any unusual conditions resulting in significant environmental, social, health, or safety impacts.

To the best of AEP Ohio Transco's knowledge, no unusual conditions exist that would result in significant environmental, social, health, or safety impacts.

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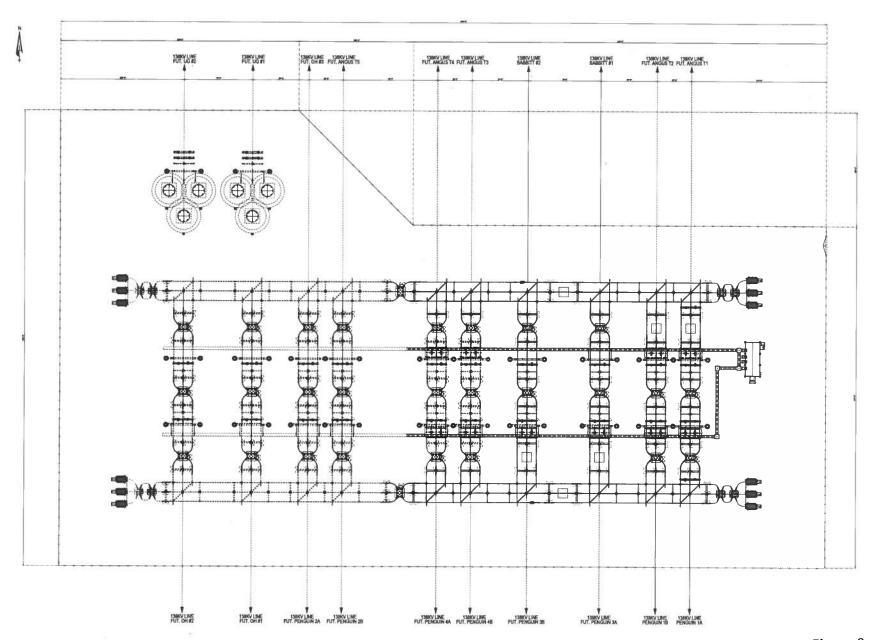
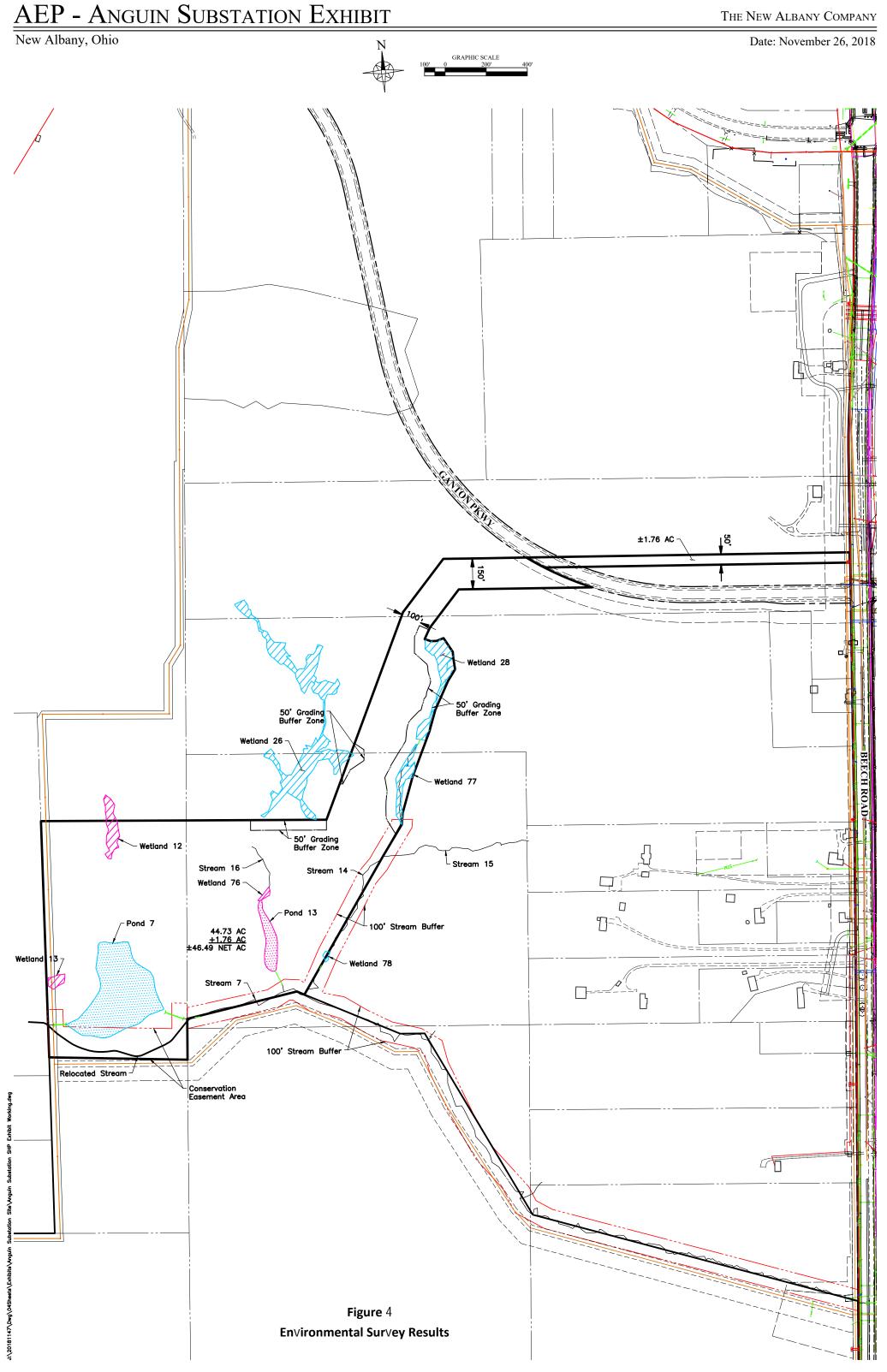


Figure 3
Station Layout



January 18, 2019

Appendix A USFWS Correspondence attac

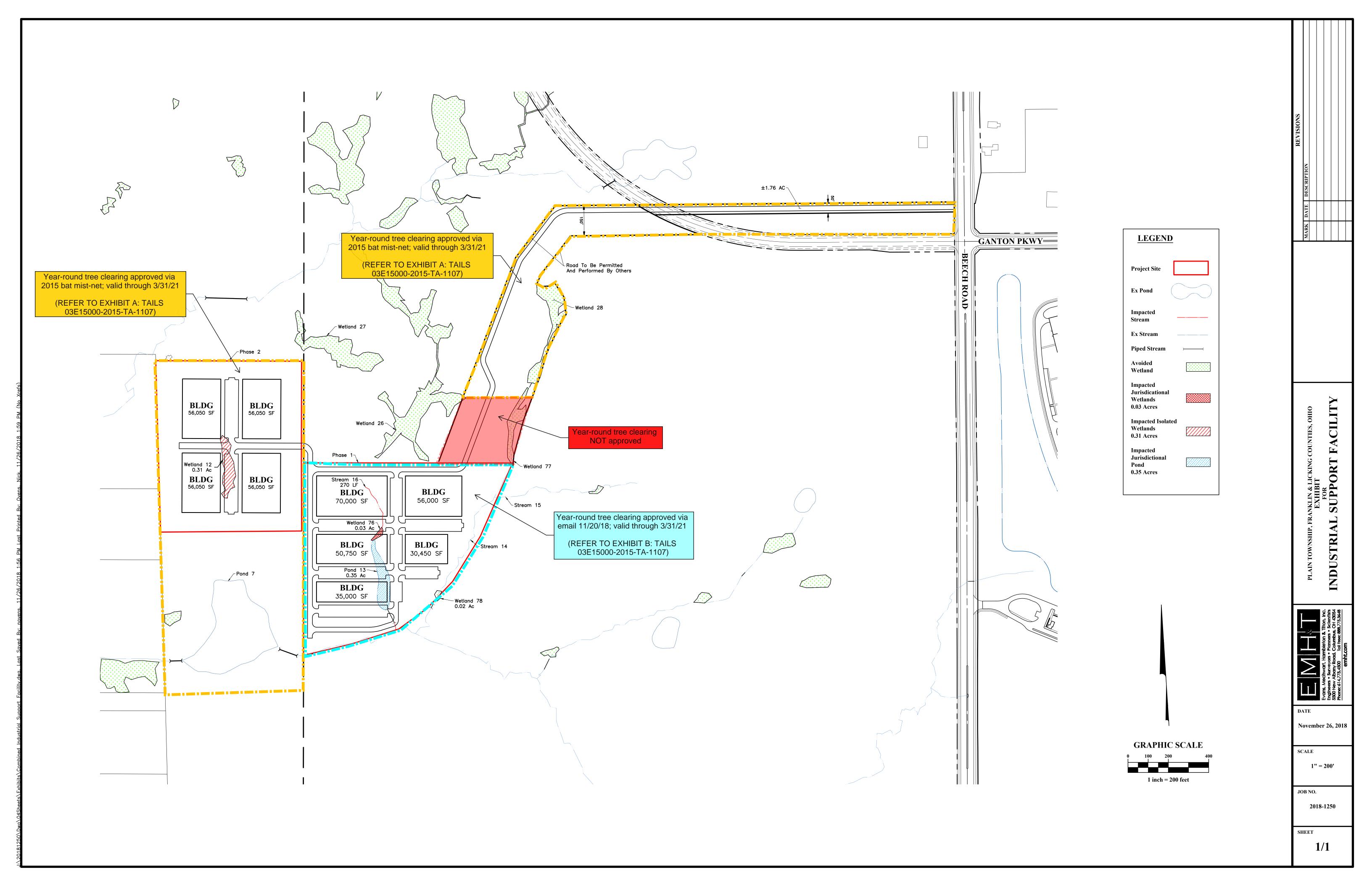


EXHIBIT A



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



June 27, 2016

Heather Dardinger EMH&T 5500 New Albany Road Columbus, Ohio 43054

Re: Dublin Granville Road Development

Dear Ms. Dardinger,

We have received your recent correspondence requesting updated information about the subject proposal. The applicant is requesting updated technical assistance in light of the northern long-eared bat 4(d) rule. Specifically, the applicant is inquiring as to whether the 4(d) rule could be applied to allow for summer tree clearing.

The applicant conducted a summer mist net survey in 2015. No Indiana bats were detected, demonstrating probable absence of Indiana bats in the project area. A northern long-eared bat was captured during the survey, documenting presence of this species. However, the project is not located within 0.25 mile of a known northern long-eared bat hibernacula or within 150 feet of any known northern long-eared bat maternity roost tree. Therefore, the 4(d) rule for the northern long-eared bat can be applied for summer clearing.

Since the project requires a permit from the Army Corp of Engineers (Corps), 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 Army Corp of Engineers is completed for the northern long-eared bat.

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

TAILS# 03E15000-2015-TA-1107

Dan Everson Field Supervisor

EXHIBIT B

Dardinger, Heather

From: Seymour, Megan <megan_seymour@fws.gov>

Sent: Tuesday, November 20, 2018 2:34 PM

To: Dardinger, Heather

Subject: Re: [EXTERNAL] Babbitt-Beech Road Property

Attachments: image003.png

Categories: Filed by Newforma

Hello Heather,

This project has been assigned a new TAILS number: 03E15000-2019-TA-0224.

The 2018 mist net survey location for Project X is approximately 0.75 miles away from the Babbitt-Beech Road site, and thus these results are not applicable. However the 2015 mist net survey was only about 1,000 feet away from the Babbitt-Beech Road site and was located in similar habitat (a wooded area adjacent to a pond) that is contiguous with the property in question. This, coupled with the relatively small amount of proposed summer clearing (2 acres) for the Babbitt-Beech Road project provides some degree of comfort that the 2015 adjacent survey results could apply to the current site. Please note that we do not typically apply mist net sites from different properties and different years to adjacent sites, but again, due to the proximity of the locations, similarity of habitat, and small amount of impact, in this instance it is appropriate. Below are our revised recommendations for this project, relative to bats:

Tree clearing on the project site at any time of the year is unlikely to result in adverse impacts to Indiana bats and will not result in any unauthorized incidental take of northern long-eared bats. Negative Indiana bat summer surveys are valid for five years from the survey, which was conducted in August 2015. Therefore, **no tree clearing should occur on the site after March 31, 2021** without further coordination with this office.

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, 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.

This letter provides technical assistance only and does not serve as a completed section 7 consultation document. If project plans change, if portions of the proposed project were not evaluated, or if additional information on listed or proposed species or their critical habitat becomes available, it is our recommendation that you reinitiate coordination with this office. 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.

Please let me know if you have any additional questions. Sincerely,

Megan

On Tue, Nov 6, 2018 at 3:39 PM Dardinger, Heather < hdardinger@emht.com > wrote:

Hi Megan.

Following up on my voicemail... We submitted the attached request for T&E information, and received the attached response back from your office on 10/31/18. In our submittal, we requested that this property be included under the negative summer mist net survey that was complete for "Project X" in 2018 (TAILS#: 03E15000-2018-TA-1653), as Project X is immediately adjacent to the south of the property. We also have another negative summer survey immediately to the north of the property that was completed in 2015 (Dublin-Granville Road, TAILS# 03E15000-2015-TA-1107).

The response we got back did not seem to address this request and provided the "typical" response for winter clearing or do a summer survey. We weren't sure if that was intentional, or if the request for consideration under the previous survey was overlooked. Can you please look into this and let me know your thoughts?

FYI, it appears that this project was assigned the same TAILS number as Project X... I spoke to Jenny Finfera about this last week and she said I would need to talk to you, but she did mention that it should probably get its own TAILS (it will be a separate permit action). Just a heads up in case that causes any confusion as you search your records.

Thank you,

Heather

Heather Dardinger

Senior Environmental Scientist

EMH&T Engineers, Surveyors, Planners, Scientists 5500 New Albany Road, Columbus, OH 43054 v. 614.775.4523 | c. 614.561.3503 | hdardinger@emht.com

emht.com

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Megan Seymour

Wildlife Biologist

U.S. Fish and Wildlife Service, 4625 Morse Rd., Suite 104, Columbus, OH 43230 (614) 416-8993 ext 16, (614) 416-8994 fax

Dardinger, Heather

From: Dardinger, Heather

Sent: Thursday, January 3, 2019 11:11 AM

To: 'Seymour, Megan'

Subject: RE: [EXTERNAL] Babbitt-Beech Road Property

Attachments: Bat survey map rev.pdf

Categories: Filed by Newforma

Good morning Megan,

I have been informed that the project limits for the Babbitt-Beech Road Property (as referenced in the email correspondence below) have been slightly expanded to the north. The original and expanded project limits in relation to the 2015 mist net survey boundary are shown on the attached PDF.

The new area is located between the mist net boundary and the original project boundary. The new area is approximately 3 acres in size, and will result in approximately 1.5 acres of additional tree clearing, bringing the total amount of clearing on the Babbitt-Beech Road Property to approximately 3.5 acres.

We wanted to confirm with USFWS that this additional area would be subject to the same recommendations previously provided for the project, and as such may be cleared at any time of the year. Please advise.

Thank you, Heather

From: Seymour, Megan <megan seymour@fws.gov>

Sent: Tuesday, November 20, 2018 2:34 PM
To: Dardinger, Heather <hdardinger@emht.com>
Subject: Re: [EXTERNAL] Babbitt-Beech Road Property

Hello Heather.

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Heather

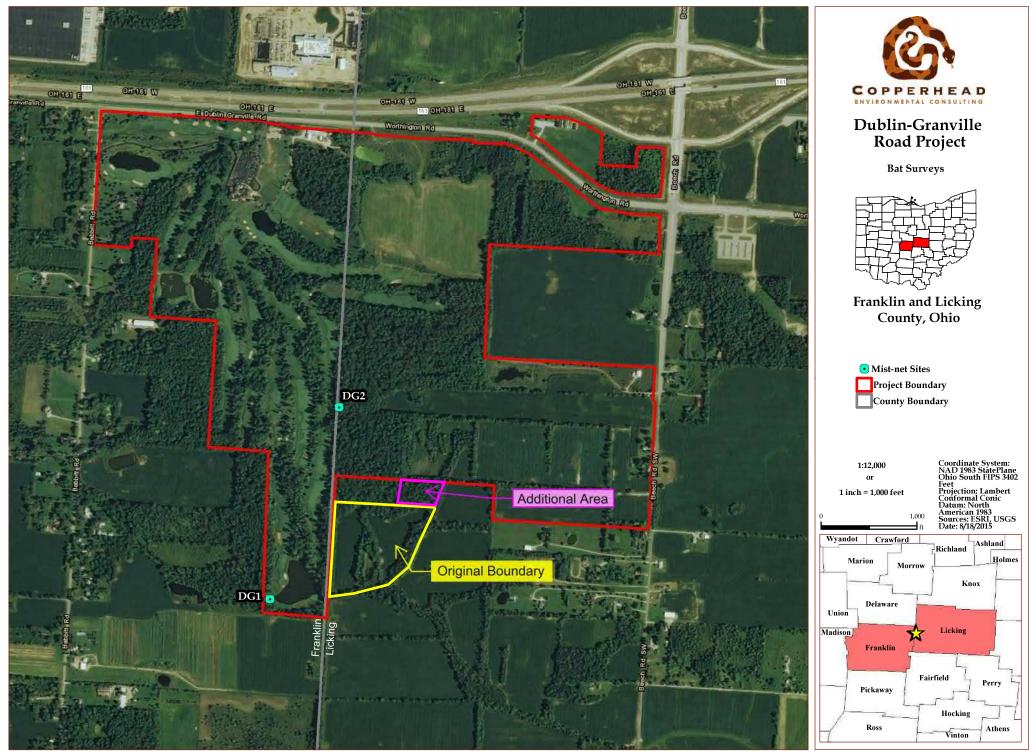


Figure 1. Mist-net site locations for the proposed Dublin-Granville Road Development Project, Licking County, Ohio.