

**Appendix M**  
**Wetland Delineation Report**

# **Wetland Delineation Report**

## **Northwest Ohio Wind Energy Project**

Paulding County, Ohio

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Project Number: 20101023.01

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## **1.0 INTRODUCTION**

Westwood Professional Services (Westwood) was contracted by Northwest Ohio Wind Energy, LLC. to delineate wetlands for a proposed wind farm project in Paulding County, Ohio (“Facility”). An overall Project area of approximately 35 square miles was provided. Within this Project area, a two-step wetland delineation process was used.

First, wetlands and non-wetland waters of the U.S. were identified and located with off-site wetland determination methods using several map and aerial photographic resources and geographic information system (GIS) software.

Second, within the overall Project area, buffered wetland delineation corridors were established around areas where project construction impacts will occur. On April 15-18, and May 20, 2013, on-site wetland delineations were completed in these corridors by Matthew Vollbrecht, (PWS, WDC), staff environmental scientist at Westwood. From these investigations, wetlands and non-wetland waters of the U.S. were delineated and located within these corridors.

## **2.0 PURPOSE**

The purpose of this report is to identify and document the locations of wetlands within portions of the Project area to be affected by construction and to assist in wetland permitting if impacts to wetlands and/or watercourses are required for construction of the Facility.

## **3.0 PROJECT DESCRIPTION AND LOCATION**

The Northwest Ohio Wind Energy project will be a 100 MW wind power facility with up to 59 turbines. The proposed plan for the Facility is provided in **Appendix A**. This plan depicts the proposed locations of turbines, temporary crane paths, access roads, step-up facility, operations and maintenance facilities, laydown yard and underground electric and communication cables. Depending on the turbine selected, the Facility may ultimately have fewer than 59 turbines.

The Project area is located in Blue Creek and Latty Townships in Paulding County, Ohio. It is surrounded by the communities of Broughton and Latty on the north, Haviland and Scott on the south, Grover Hill on the east, and Payne on the west (**Exhibit 1**). The coordinates at the center of the project area are: 41.036927 degrees latitude, -84.583311 degrees longitude and approximate elevation of 735 feet above mean sea level (MSL). The project area is predominantly flat and 93% tilled agricultural land with numerous ditches and drain tiles. It covers approximately 35 square miles or 21,000 acres.

Table 3.1. Project Location			
Township Name	Township Number	Range Number	Sections within Project Area
Blue Creek	1 North	2 East	5, 8-17, 21-24, 26
Latty	1 North	3 East	3, 7-11, 15-18, 20-23, 27, 34-35

Wetlands were delineated within wetland delineation corridors. The corridors were established by identifying areas where project disturbance is proposed and then buffering them by 400 feet (200 feet on each side) using ArcGIS software (Exhibit 7). This buffer is reduced only where it crosses on adjacent non-participating lands, where no impact will occur, or where the buffer extends across roads from the proposed construction. Delineation corridors should be sufficiently wide to account for any minor shifts in project infrastructure that may result from final micro-siting activities.

## 4.0 METHODOLOGY

### 4.1 Wetland Delineation Methodology

The off-site wetland determination and routine on-site wetland delineation methods were used to identify and locate wetlands for this report using the U.S. Army Corps of Engineers (USACE) Wetlands Delineation Manual (Environmental Laboratory 1987) and the USACE Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region (USACE 2010). Delineated wetlands within the wetland delineation corridor were also characterized using the Ohio Rapid Assessment Methods for Wetlands (2001). Wetlands were classified using the methodology set forth in *Wetlands and Deepwater Habitats of the United States* (Cowardin et al., 1979). Wetland plant indicator statuses were based on the 2012 regional plant list.

A two-step wetland delineation process was carried out, consisting of off-site and on-site components. First, a desktop off-site wetland determination was conducted using ArcGIS software and a series of georeferenced feature maps including: USGS Quad map (**Exhibit 2**), National Wetlands Inventory (NWI) mapping, National Hydrography Dataset (NHD), State of Ohio Rivers and Streams Mapping, and State of Ohio NWI dataset (**Exhibits 3a-d**), the County Soil Survey (**Exhibits 4a-d**) and aerial photography. Federal Emergency Management Administration (FEMA) Flood Maps were also reviewed to locate portions of the Project area within a 100-year floodplain (**Exhibits 5a-d**). Westwood overlaid the wetland delineation corridors on these GIS dataset layers to identify where potential wetland areas might exist. The results of the off-site wetland determination are provided in **Exhibits 6a-d**. A summary table of the potential wetlands identified is provided in **Appendix B**. The off-site wetland determination

information was used to facilitate impact avoidance and minimization in the initial siting of turbines, roads and collector lines and to identify areas to be reviewed in the field.

Following the off-site determination, a routine on-site wetland delineation was completed. Delineated wetlands and water features are depicted in **Exhibit 7**. Detailed maps of the delineated wetlands are provided in **Exhibits 8a-dd**. Data samples were collected at locations on the within the wetland delineation corridor where field staff suspected wetland indicators. An upland sample was taken adjacent to each wetland sample. Data was recorded on standard USACE data forms for the Northcentral and Northeast region, which are provided in **Appendix C**.

Data sample locations were located using a Trimble GeoXH global positioning system (GPS) device capable of sub-meter accuracy. All GPS points were post-processed using Trimble GPS Pathfinder software and the nearest CORS Correction Station Data. Water features were assigned a naming system represented by a WB (Wetland Basin), a WC (Watercourse), or a WB/WC (Wetland Basin/Watercourse) followed by a number.

## 4.2 Ordinary High Water Mark Determination Methodology

Watercourses (or portions thereof) that lacked adjacent wetlands were considered non-wetland waters of the United States, as they did not exhibit all three parameters required for wetlands (i.e. predominance of hydrophytes, hydric soils and jurisdictional wetland hydrology). Accordingly, their boundaries were delineated in the field by documenting their Ordinary High Water Marks (OHWMs) according to the methods provided in USACE Regulatory Guidance Letter No. 05-05 (U.S. Army Corps of Engineers 2005).

USACE regulations set forth at 33 CFR 328.3(e) defines the OHWM for purposes of Clean Water Act lateral jurisdiction: *The term ordinary high water mark means that line on the shore established by the fluctuations of water and indicated by physical characteristics such as a clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas.*

USACE Regulatory Guidance Letter No. 05-05 (U.S. Army Corps of Engineers 2005) indicates the following physical characteristics are deemed reasonably reliable, and therefore these characteristics were reviewed in the field when making OHWM determinations for drainages:

Natural line impressed on the bank	Shelving
Changes in the character of soil	Destruction of terrestrial vegetation
Presence of litter and debris	Wracking
Vegetation matted down, bent, or absent	Sediment sorting
Leaf litter disturbed or washed away	Scour
Deposition	Multiple observed flow events
Bed and banks	Water staining



Change in plant community

#### **4.3 Wetland and Watercourse Function and Quality Determination Methodology**

Westwood used the Ohio Rapid Assessment Method (ORAM) Version 5.0 to assess the function and quality of the delineated wetlands. Watercourses were classified according to the Qualitative Habitat Evaluation Index and Use Assessment Field Sheet (QHEI) (Ohio EPA 2006) and the Primary Headwater Habitat Evaluation Form (HHEI) (OEPA 2009). Copies of all three data forms for each wetland/watercourse delineated are provided in **Appendix D**.

### **5.0 RESULTS**

#### **5.1 Off-Site Wetland Determination Results**

The USGS Quad mapping of the Project area shows it located on a flat former glacial lake basin. Elevations ranged from the 747 feet MSL in the northwest to approximately 715 feet MSL in the southeast. The Project area is very extensively ditched and tiled to facilitate agricultural production.

The Project area is in the Lake Erie watershed and drains via the Maumee and Auglaize Rivers, with flow generally to the northeast. The western half of the Project area is located in the Blue Creek sub-watershed. The eastern half of the project area is in located in the Prairie Creek sub-watershed. Exhibit 1 depicts the named watercourses in the area. According to the Land Resource Regions and Major Land Resources Areas GIS mapping (USDA 2006), the Project area is located in MLRA Region L-99-Erie-Huron Lake Plain.

Wetlands mapped within the Project area are small in size and most are riparian, located along stream or ditch corridors (Exhibit 5-8). U.S. Fish and Wildlife Service (USFWS) NWI mapping depicts 55 wetlands covering approximately 142.4 acres. ODNR mapping depicts 75 wetlands covering 50.0 acres. Many of these mapped wetlands were identified along creeks and ditches. A very extensive and well-defined system of ditches and drain tiles are visible in aerial photography reviewed for the Project area.

Off-site wetland determinations using GIS resources were conducted in January of 2013 to assist in the turbine layout. Water resources identified within the project area are summarized on Table 5.1 below.

<b>Table 5.1. Off-Site Determination Water Resource Summary Table</b>	
<b>Wetland / Water Resource Type</b>	<b>Approximate Area (Acres)</b>
Wet meadow/shallow marsh	7.3
Excavated ponds	20.1
Wooded wetlands	276.8
Creeks	85.8
Ditched creeks	88.7
Excavated ditches	51.6
<b>Total</b>	<b>530.3</b>

The Paulding County Soil Survey (OH141) identifies soils within the project area. As shown in Table 5.2, all soils on the Project area are listed as partially hydric. The soil survey indicates that most of the soils are 93-97% non-hydric, with only the Hoytville, Latty, Mermill, Paulding, Saranac and Wabasha soil units composed of 90 percent or more hydric soils. Soils sampled during the on-site wetland delineation corresponded closely to the soil survey.

<b>Table 5.2 Soil Summary Table</b>			
<b>Map Symbol<sup>1</sup></b>	<b>Map Unit Name<sup>2</sup></b>	<b>Rating<sup>3</sup></b>	<b>Percent Hydric Soil<sup>4</sup></b>
BrC2	Broughton silty clay loam, 6 to 12 percent slopes, eroded	Partially hydric	5
Db	Defiance silty clay loam, occasionally flooded	Partially hydric	7
HcA	Hoytville silty clay loam, 0 to 1 percent slopes	Partially hydric	91
HkA	Haskins loam, 0 to 2 percent slopes	Partially hydric	5
Lb	Latty silty clay loam	Partially hydric	90
Lc	Latty silty clay	Partially hydric	95
Me	Mermill loam	Partially hydric	92
NnA	Nappanee loam, 0 to 2 percent slopes	Partially hydric	7
NpA	Nappanee silty clay loam, 0 to 2 percent slopes	Partially hydric	10
NpB	Nappanee silty clay loam, 2 to 6 percent slopes	Partially hydric	5
NpB2	Nappanee silty clay loam, 2 to 6 percent slopes, eroded	Partially hydric	5
Pc	Paulding clay	Partially hydric	95
RnA	Roselms loam, 0 to 2 percent slopes	Partially hydric	5
RoA	Roselms silty clay loam, 0 to 2 percent slopes	Partially hydric	5
RpA	Roselms silty clay, 0 to 2 percent slopes	Partially hydric	5

RpB2	Roselms silty clay, 2 to 6 percent slopes, eroded	Partially hydric	5
Sb	Saranac silty clay loam, occasionally flooded	Partially hydric	90
StC2	St. Clair silty clay loam, 6 to 12 percent slopes, eroded	Partially hydric	3
SuC3	St. Clair silty clay, 6 to 12 percent slopes, severely eroded	Partially hydric	5
Uc	Udorthents, clayey, hilly	Partially hydric	6
W	Water	Unknown	NA
Wb	Wabasha silty clay loam, frequently flooded	Partially hydric	90
<sup>1</sup> – Soils determined using GIS geospatial query clipping the NRCS Spoil Survey Geographic (SSURGO2) spatial data by Project boundaries. <sup>2</sup> – As indicated in the SSURGO2 database <sup>3</sup> – As indicated in the SSURGO2 database. Where percentages are small (e.g. <15 %) the hydric soil is likely an inclusion that is not recognized in the map unit name. The absence of a value does not necessarily indicate the absence of hydric soils, but that the relative percentages of included minor soils has not been determined.			

Aerial photography and USGS quad maps show consistent Project area disturbance from agricultural drainage and cultivation from 1960 to the present.

The FEMA flood map data for the project area indicates that the majority of the Project area lies outside of mapped floodplains. Exceptions include areas along Prairie, Blue, Hagerman and Hoaglin Creeks, which are identified within a mapped 100-year floodplain (Map Panel 390777 0125C, Effective Date: December 5, 1989) (see Exhibits 5a-d).

## 5.2 On-Site Wetland Delineation Results

Within the wetland delineation corridors, 43 wetlands and non-wetland waters of the U.S. were delineated on April 15-19, and May 20, 2013. Of the 43 delineated water features, 40 were determined to contain wetlands. Eight of the 37 wetlands were saturated palustrine forested deciduous (PFO1B) wetlands. The remaining 34 wetlands were saturated or temporarily flooded palustrine emergent wetland (PEMA/B) fringes along creeks or the vegetated beds of drainage ditches. When these areas were delineated, the higher of either the top of bank or the delineated wetland boundary was flagged and located using GPS equipment. Wetland characteristics are summarized in **Appendix E** with photographs for each wetland in **Appendix H**. The description of dominant vegetation reflects the overall vegetative community of the wetland which may not be the vegetation observed at the sample point.

## 5.3 On-Site Ordinary High Water Mark Determination Results for Non-Wetland Watercourses

Westwood observed and investigated three watercourses within the wetland delineation corridors that did not exhibit wetland features due to the lack of dominant hydrophytic vegetation. All

three were large creeks with upland vegetation to the bottom of the vegetated portion of their banks and all three corresponded with NHD flow lines.

#### **5.4 Wetland Functions and Values Analysis**

Eight wooded wetlands were identified and delineated for this project. They were assigned Class III status. Of the 43 wetlands delineated for this project, 40 had hydrologic connection to a traditionally navigable water of the U.S. (TNW). The Ohio HHEI and QHEI assessment values are shown in Appendix E. Since most of the wetlands will be avoided, further analysis will be completed for wetlands proposed for impact in the wetland permitting documents.

#### **5.5 Wetland Jurisdictional Analysis**

In waters of the U.S., the USACE has regulatory authority over the discharge of fill or dredged material. This includes authority over filling, mechanized land clearing, or certain construction activities. A permit must be obtained from the USACE before these activities occur. With the exception of three apparently isolated wetlands (discussed below), all delineated wetlands and watercourses have surface hydrologic connections to downstream navigable waters and appear to qualify as waters of the United States.

All isolated wetlands that do not fall under the jurisdiction of the USACE are regulated by the OEPA. According to Section 6111.021 of the Ohio Revised Code (ORC), the OEPA regulates all impacts associated with the placement of discharged or fill material into isolated wetlands of the state of Ohio. An isolated wetland permit and compensatory mitigation are required to offset isolated wetland impacts. Three apparently isolated wetlands were delineated within the delineation corridors. However, based on the project layout, no impacts to these wetlands are anticipated and it does not appear that an isolated wetland permit will be required from the OEPA.

In Ohio, the Ohio Environmental Protection Agency (OEPA) is responsible for issuing Clean Water Act (CWA) Section 401 Water Quality Certifications (WQC) in conjunction with the USACE Section 404 permits. An OEPA WQC is required for all Individual Permits. Water Quality Certification is regulated by the OEPA if the project falls under Nationwide Permit limitations administered by the USACE and complies with Ohio WQC and Coastal Zone Management (CZM) conditions.

Sincerely,

WESTWOOD PROFESSIONAL SERVICES



Matthew Vollbrecht

Environmental Scientist (PWS #2115)

## 6.0 LITERATURE CITED

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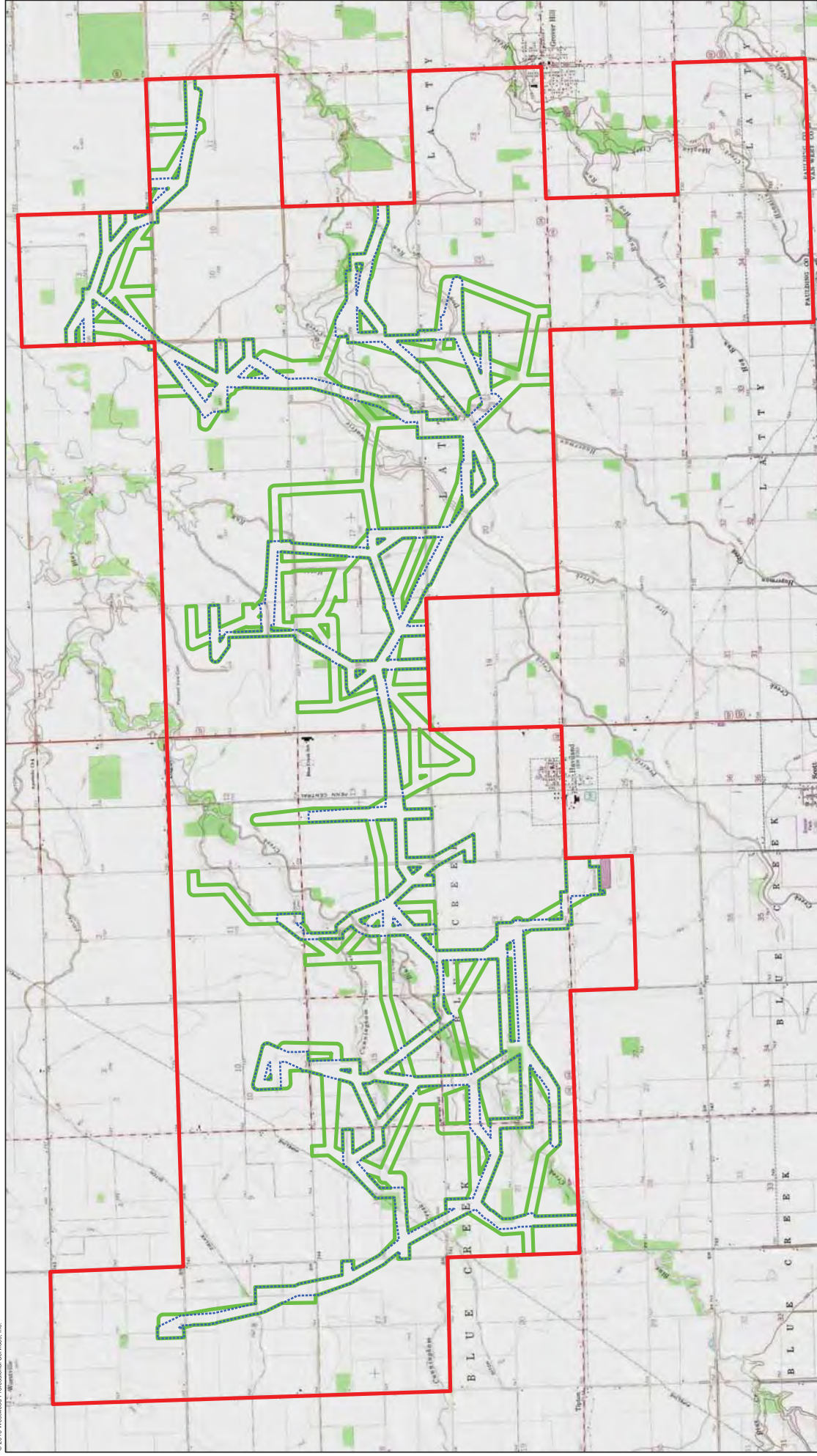
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# EXHIBITS









# Northwest Ohio Wind Project

Paulding County, Ohio

## USGS DRG and Wetland Delineation Corridor

EXHIBIT 2

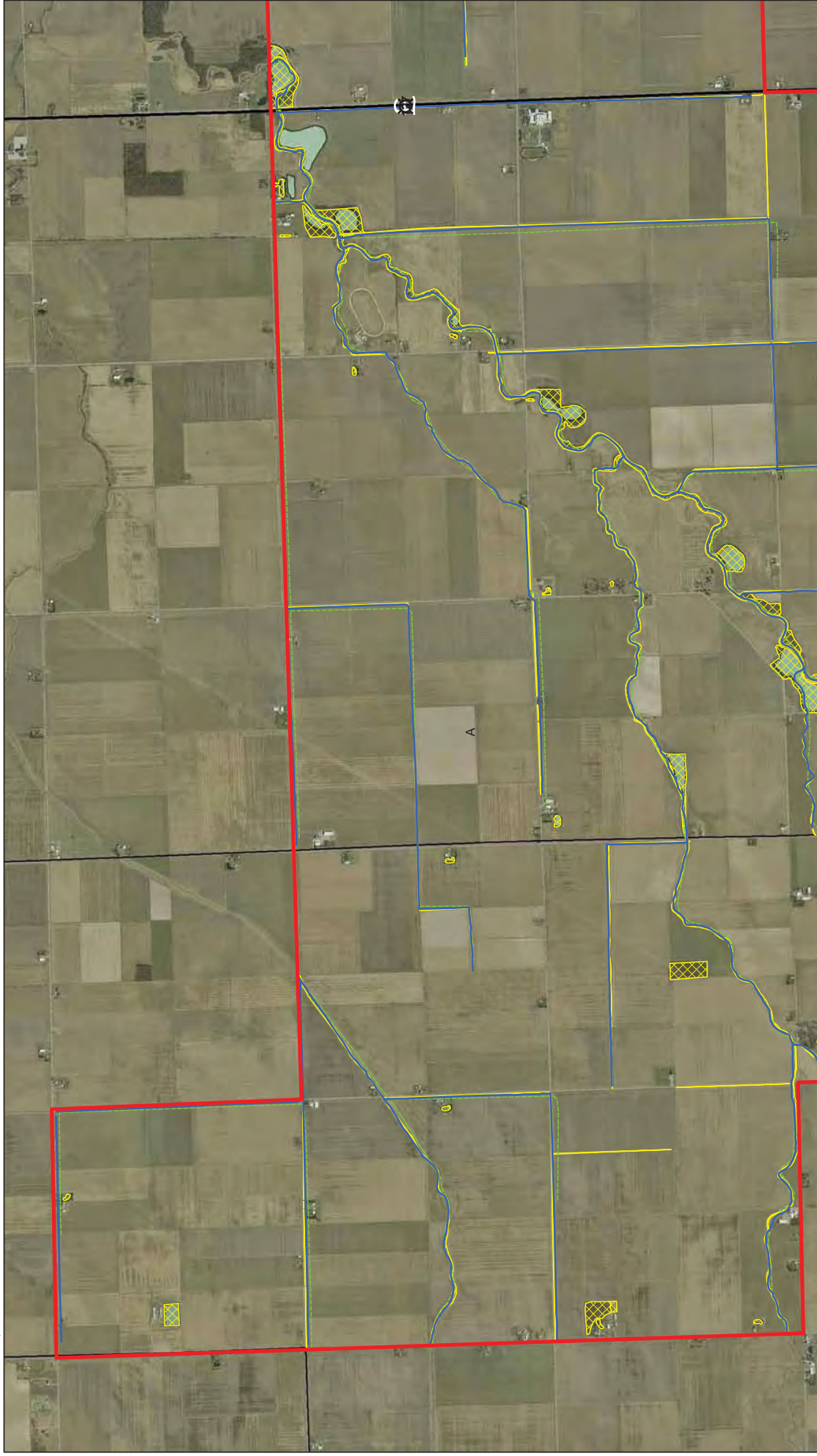
- Legend**
- Overall Project Boundary
  - Overall Wetland Delineation Corridor
  - Current Proposed Corridor



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Data Sources: Westwood Professional Services (2013), USFWS NWI (1991), Ohio DNR Wetland (Accessed 2013), NSCA NHD (Accessed 2013), Paulding County (2013), Paulding County (2013)

# Northwest Ohio Wind Project

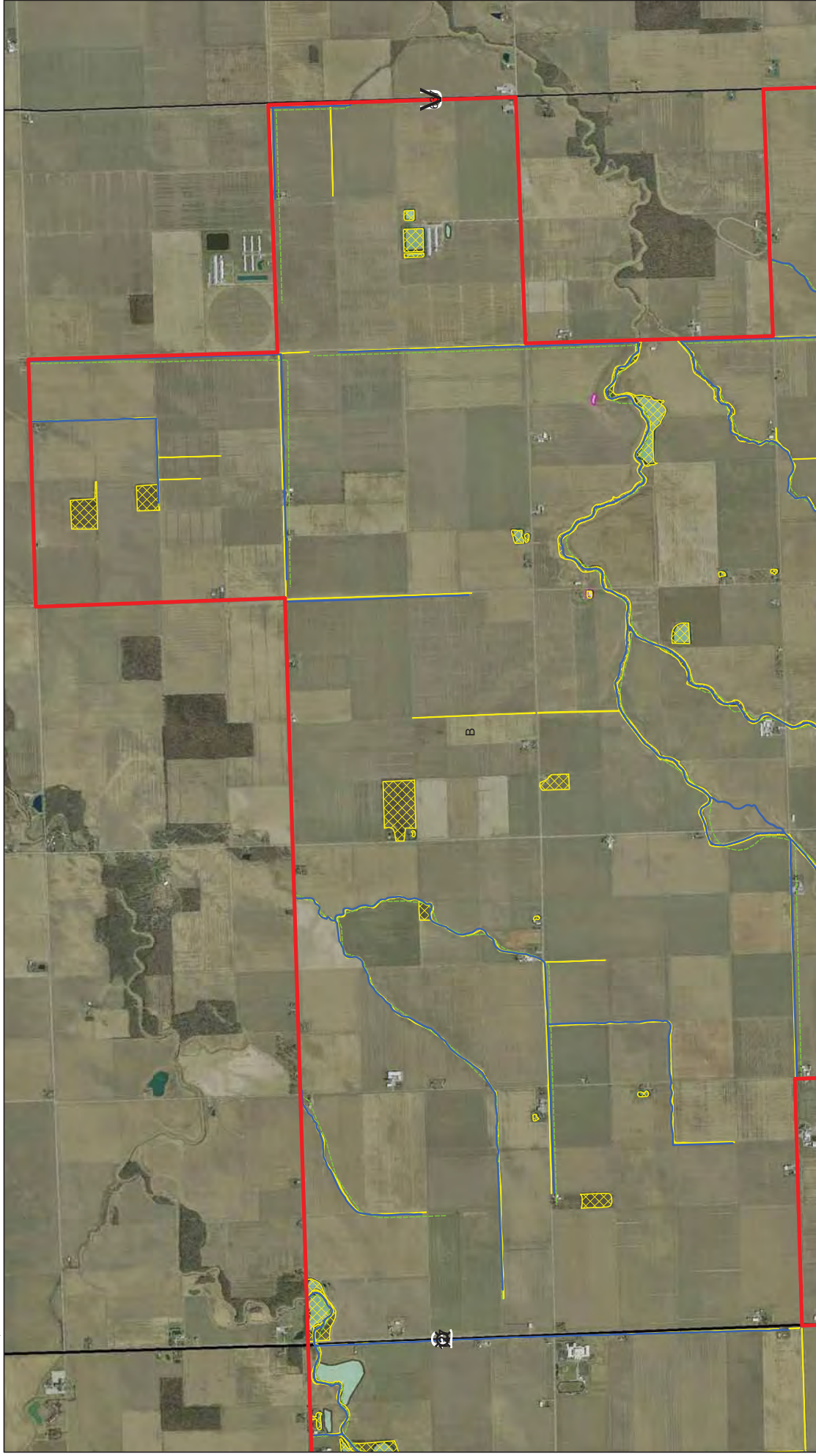
Paulding County, Ohio  
Water Resources  
Mapping  
EXHIBIT 3A

- Legend**
- Overall Project Boundary
  - NHD Mapped Watercourse
  - Ohio Mapped Rivers and Streams
  - Ohio DNR Mapped Wetland
  - USFWS NWI Mapped Wetland
  - NHD Mapped Waterbody



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Data Source(s): Westwood Professional Services (2013), USFWS NWI (1991), Ohio DNR Wetland (Accessed 2013), USGS NHD (Accessed 2013), Paulding County (2013) (Accessed 2013)

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- Legend**
-  Overall Project Boundary
  -  NHD Mapped Watercourse
  -  Ohio Mapped Rivers and Streams
  -  Ohio DNR Mapped Wetland
  -  USFWS NWI Mapped Wetland
  -  NHD Mapped Waterbody

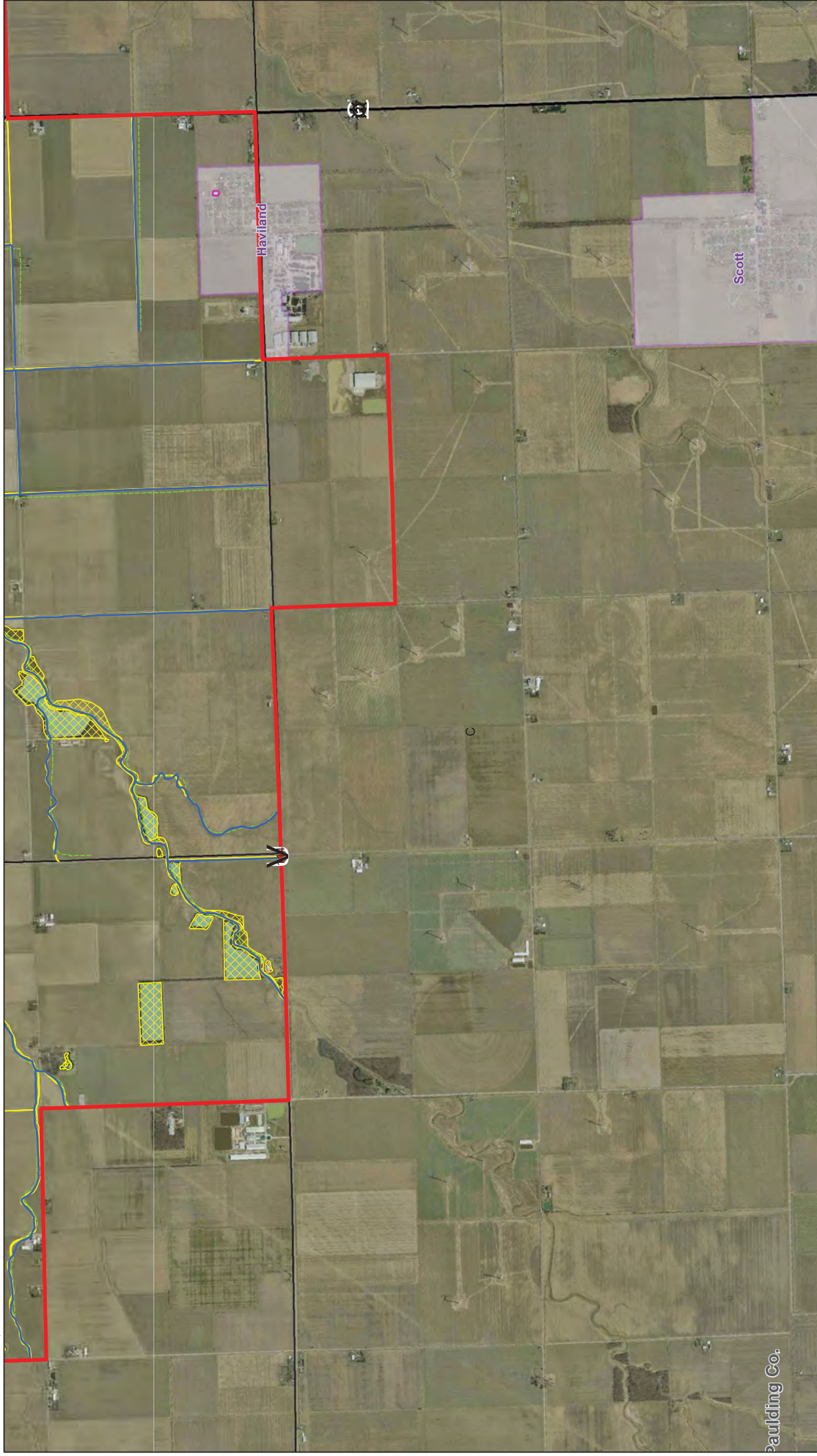
# Northwest Ohio Wind Project

Paulding County, Ohio

## Water Resources Mapping

EXHIBIT 3B





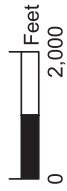
Data Source(s): Westwood Professional Services (2013), USFWS NWI (1991), Ohio DNR Wetland (Accessed 2013), USGS NHD (Accessed 2013), Paulding County (2012) (Accessed 2013)

# Northwest Ohio Wind Project

Paulding County, Ohio  
Water Resources  
Mapping  
EXHIBIT 3C

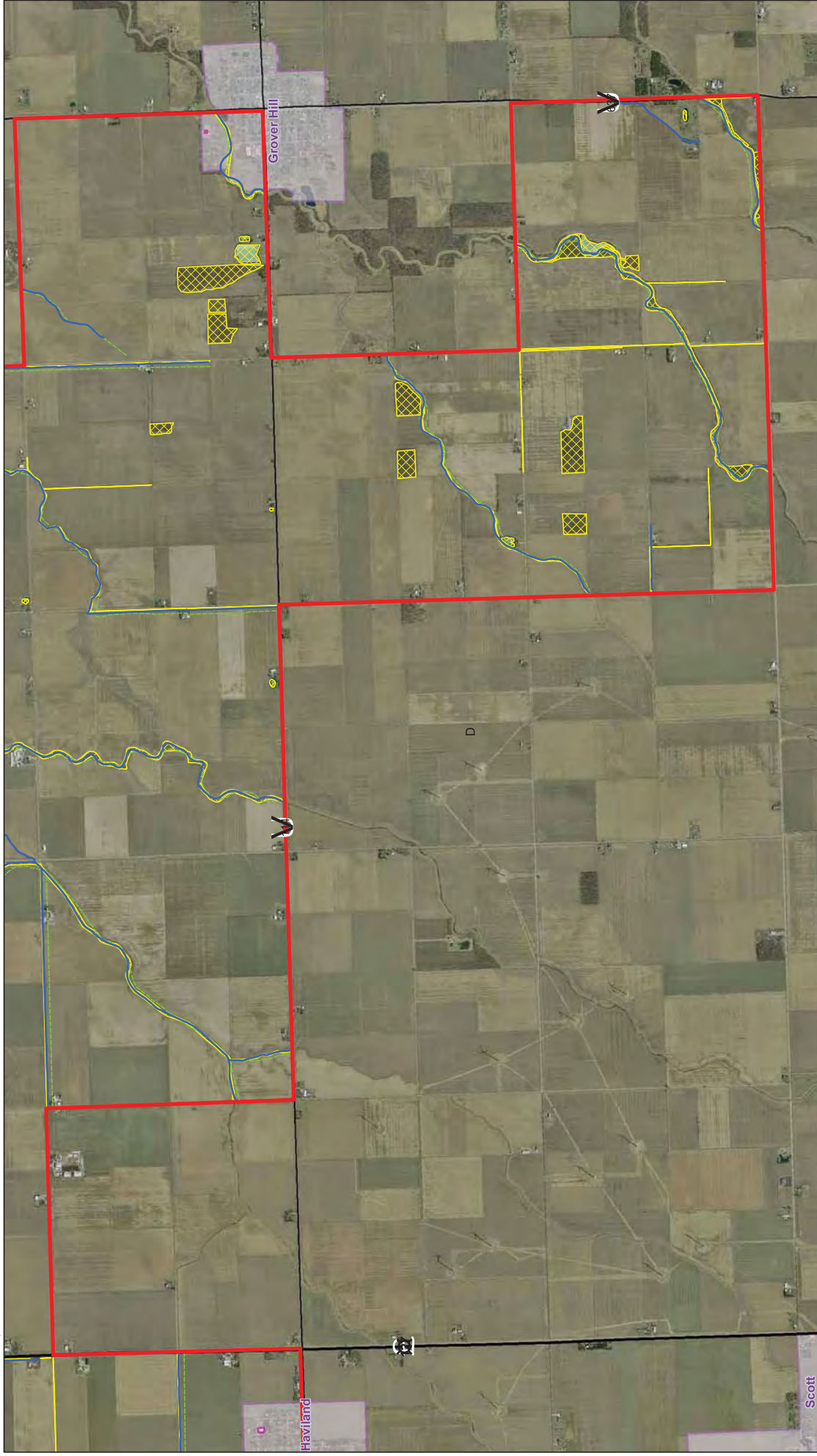
## Legend

- Overall Project Boundary
- Ohio DNR Mapped Wetland
- NHD Mapped Watercourse
- USFWS NWI Mapped Wetland
- Ohio Mapped Rivers and Streams
- NHD Mapped Waterbody



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Data Sources: Westwood Professional Services (2013), USFWS NWI (1991), Ohio DNR Wetland (Accessed 2013), USGS NHD (Accessed 2013), Paulding County (2012) (Accessed 2013)

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### Legend

- Overall Project Boundary
- Ohio Mapped Watercourse
- Ohio Mapped Rivers and Streams
- Ohio DNR Mapped Wetland
- USFWS NWI Mapped Wetland
- NHD Mapped Waterbody

# Northwest Ohio Wind Project

Paulding County, Ohio

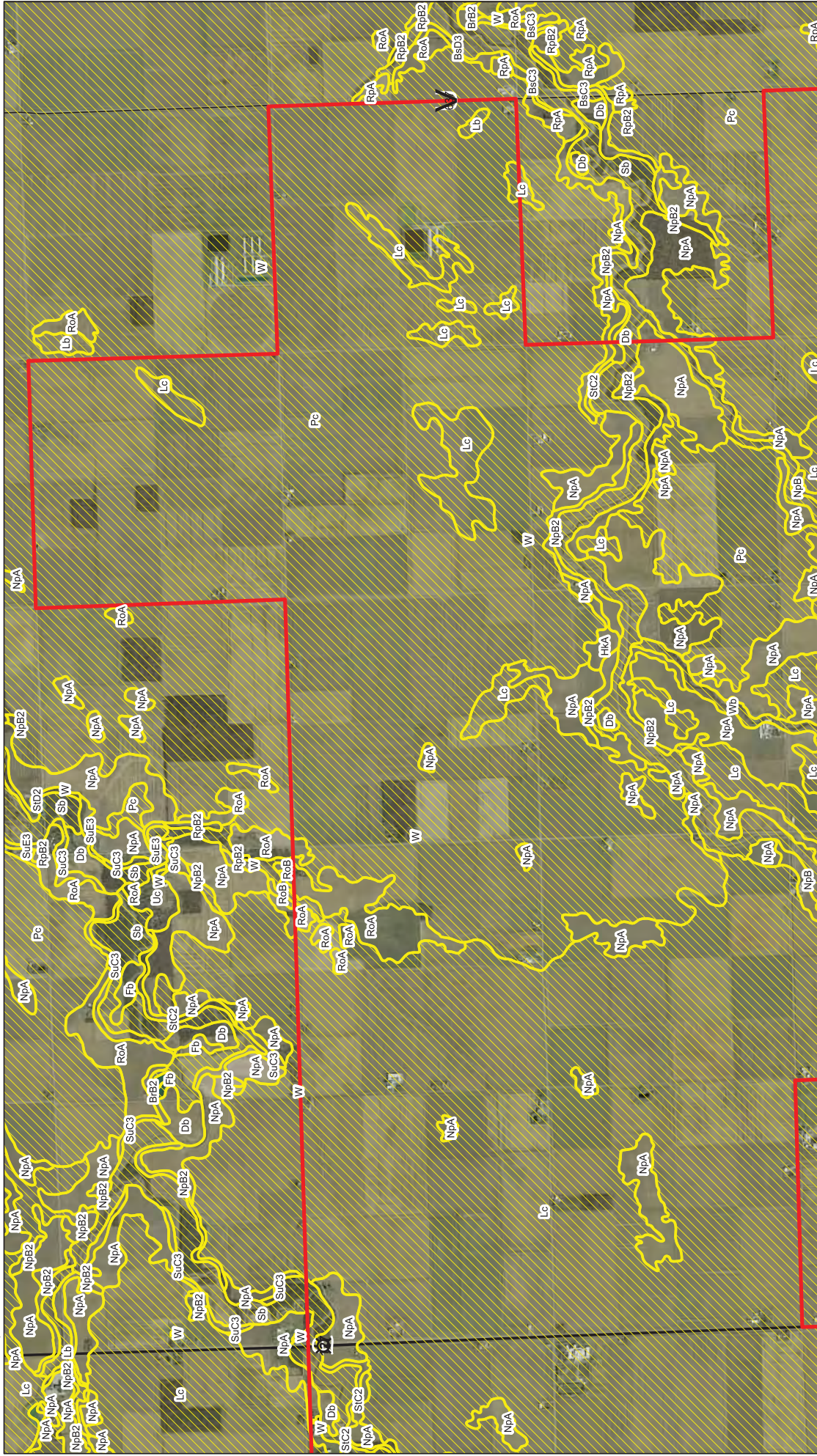
## Water Resources Mapping

EXHIBIT 3D





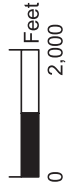




Data Source: SURBAG Soil of Paulding County, Ohio (Accessed 2013), Paulding County 2012 DGC (Accessed 2013)



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**Legend**

- Overall Project Boundary
- Non-Hydric Soil Unit (Unit Composed of less than 8% Hydric Soils)
- Hydric Soil Unit (Unit Composed of 85% or more Hydric Soils)

# Northwest Ohio Wind Project

Paulding County, Ohio  
Paulding County  
Soils Mapping  
EXHIBIT 4B

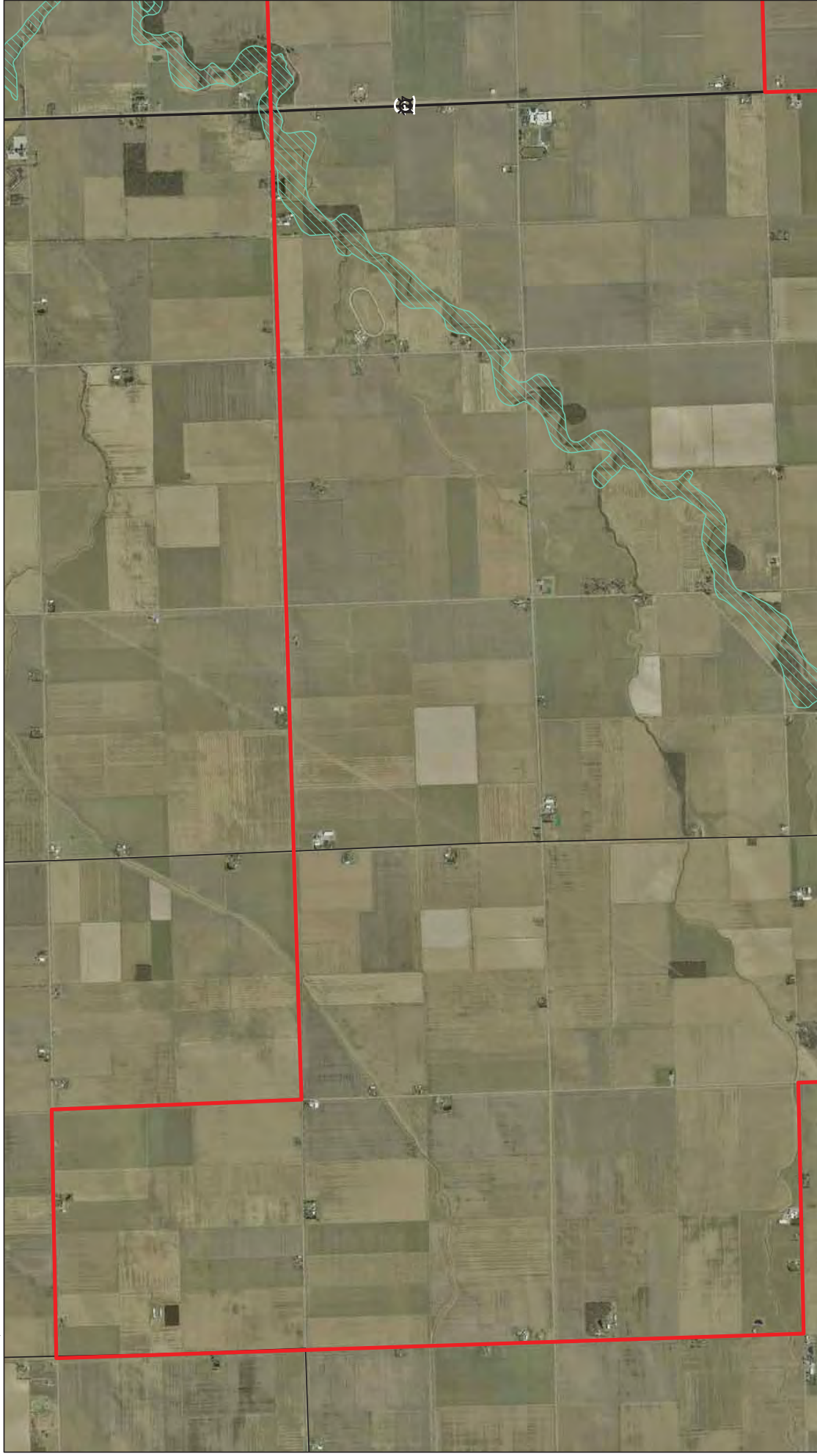








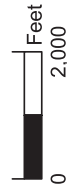




Data Source: FEMA Flood Data for Paulding County, Ohio (Accessed 2013); Paulding County 2012 DQO (Accessed 2013)



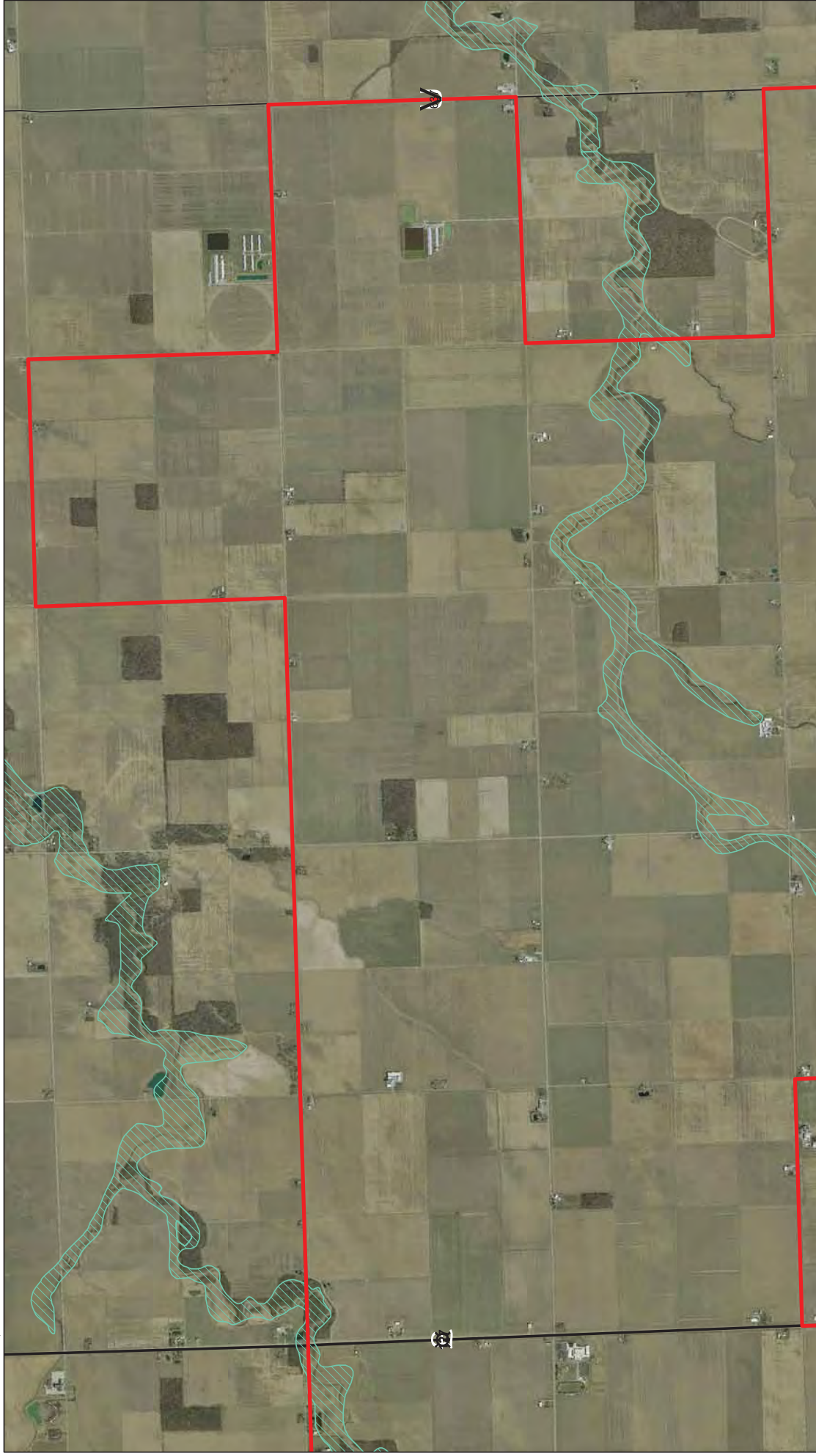
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**Legend**  
 Overall Project Boundary  
 Mapped 100-Year Floodplain

# Northwest Ohio Wind Project

Paulding County, Ohio  
FEMA Mapped 100-Year  
Flood Zones  
EXHIBIT 5A




Data Source: FEMA Flood Data for Paulding County, Ohio (Accessed 2013), Paulding County 2012 D00 (Accessed 2013)

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**Legend**

 Overall Project Boundary

 Mapped 100-Year Floodplain



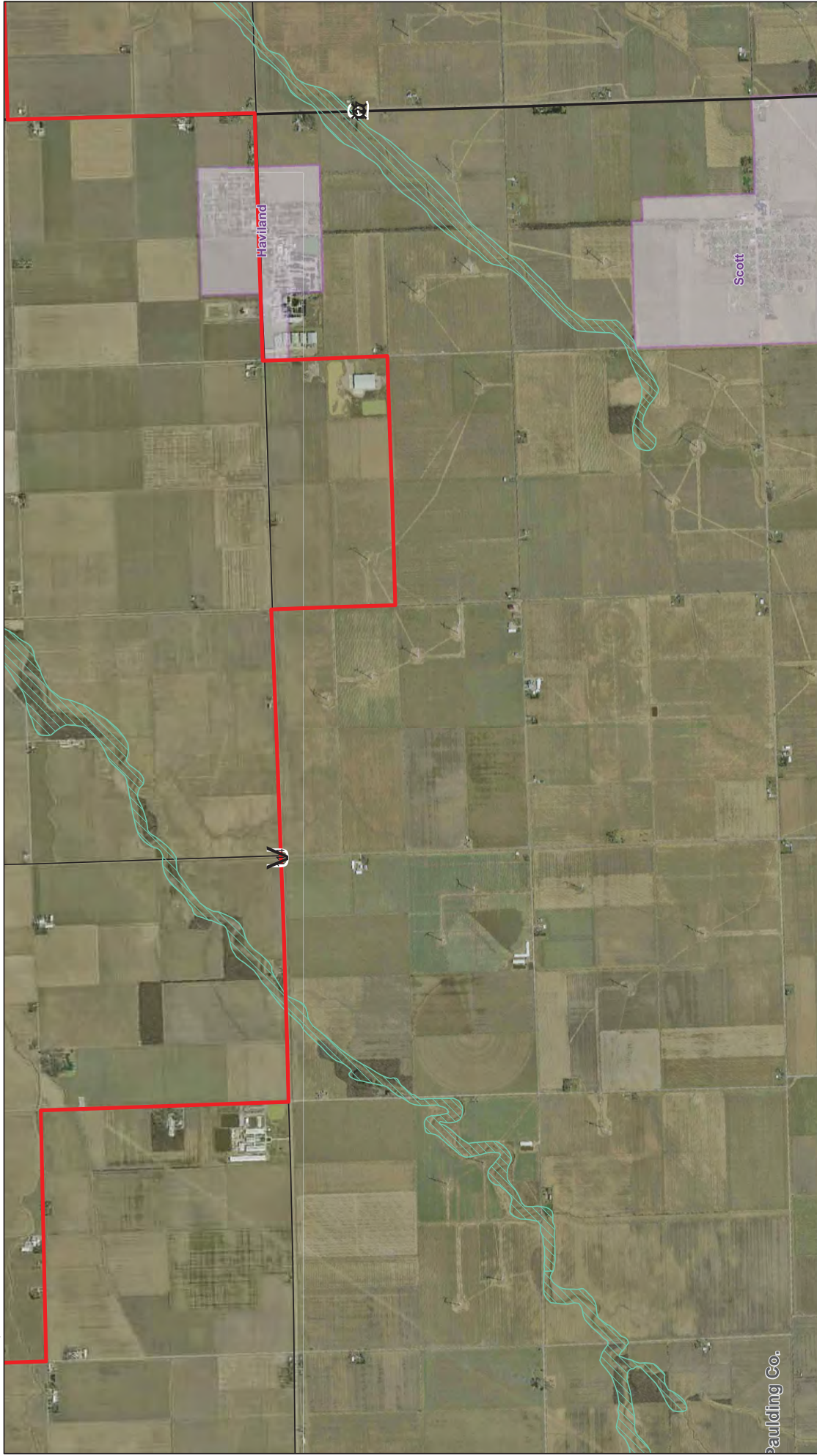
# Northwest Ohio Wind Project

Paulding County, Ohio

## FEMA Mapped 100-Year Flood Zones

EXHIBIT 5B

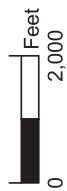




Paulding Co.

Data Source: FEMA Flood Data for Paulding County, Ohio (Accessed 2013); Paulding County 2012 DBOQ (Accessed 2013)

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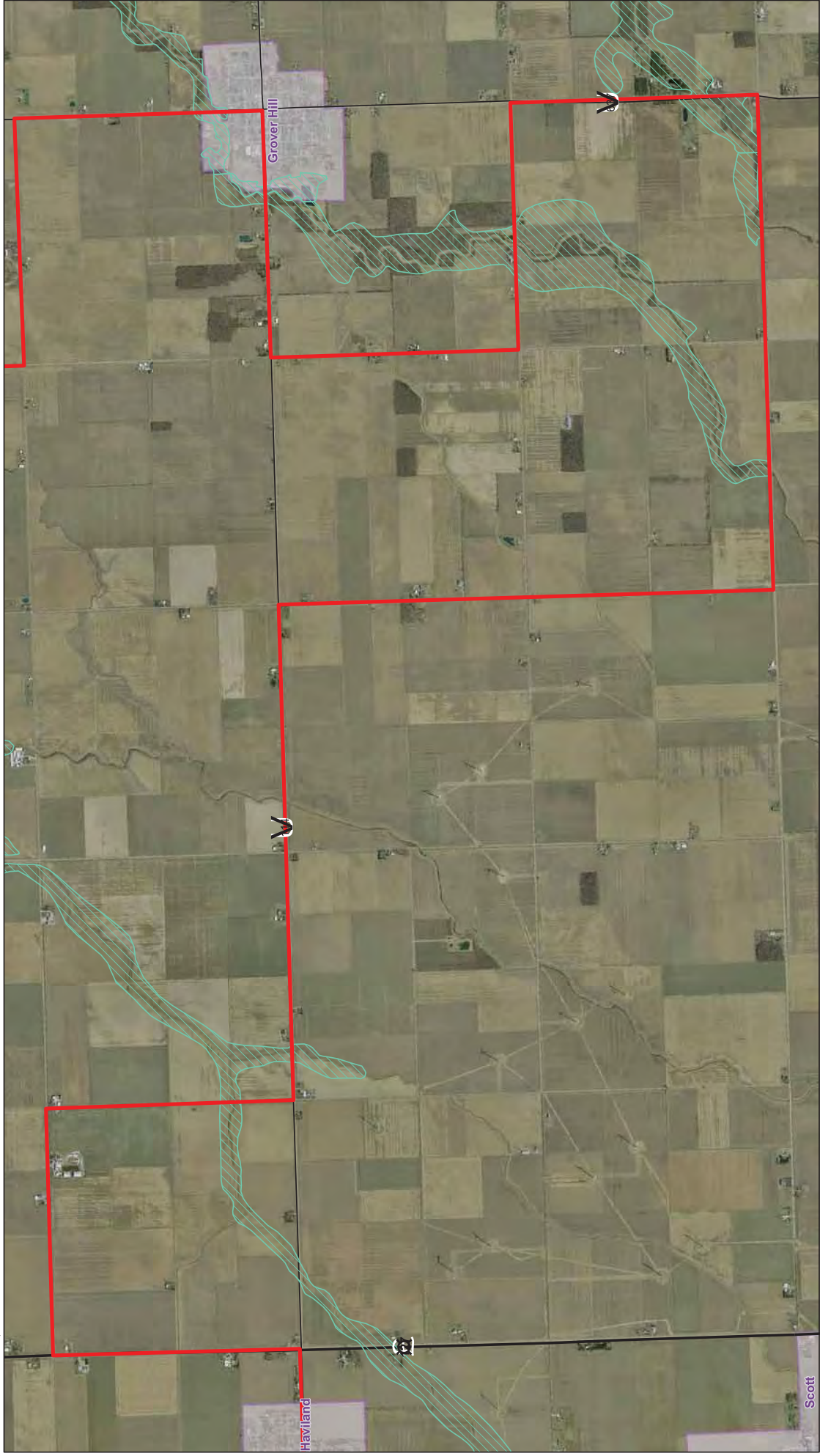


- Legend**
- Overall Project Boundary
  - Mapped 100-Year Floodplain

# Northwest Ohio Wind Project

Paulding County, Ohio  
FEMA Mapped 100-Year  
Flood Zones  
EXHIBIT 5C

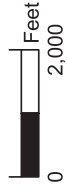




Data Source: FEMA Flood Data for Paulding County, Ohio (Accessed 2013), Paulding County 2012 D00 (Accessed 2013)



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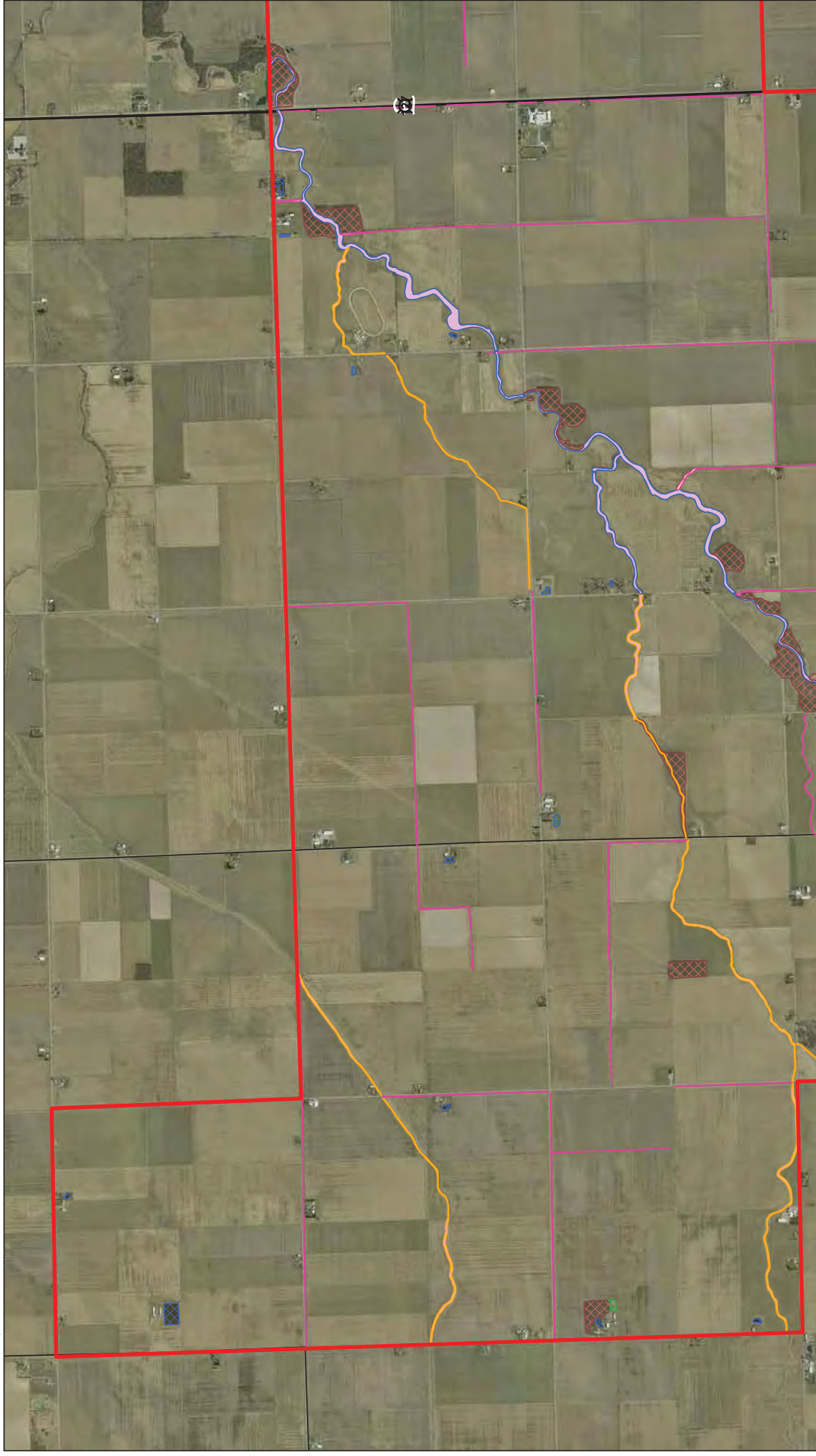


**Legend**

-  Overall Project Boundary
-  Mapped 100-Year Floodplain

# Northwest Ohio Wind Project

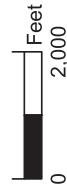
Paulding County, Ohio  
FEMA Mapped 100-Year  
Flood Zones  
EXHIBIT 5D



Data Source(s): Westwood Desktop GIS Data (2013), Paulding County 2012 DOQ (Accessed 2013)



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### Legend

- Overall Project Boundary
- Creek
- Ditch
- Ditched Creek
- Excavated Pond
- Wetland
- Wooded Wetland

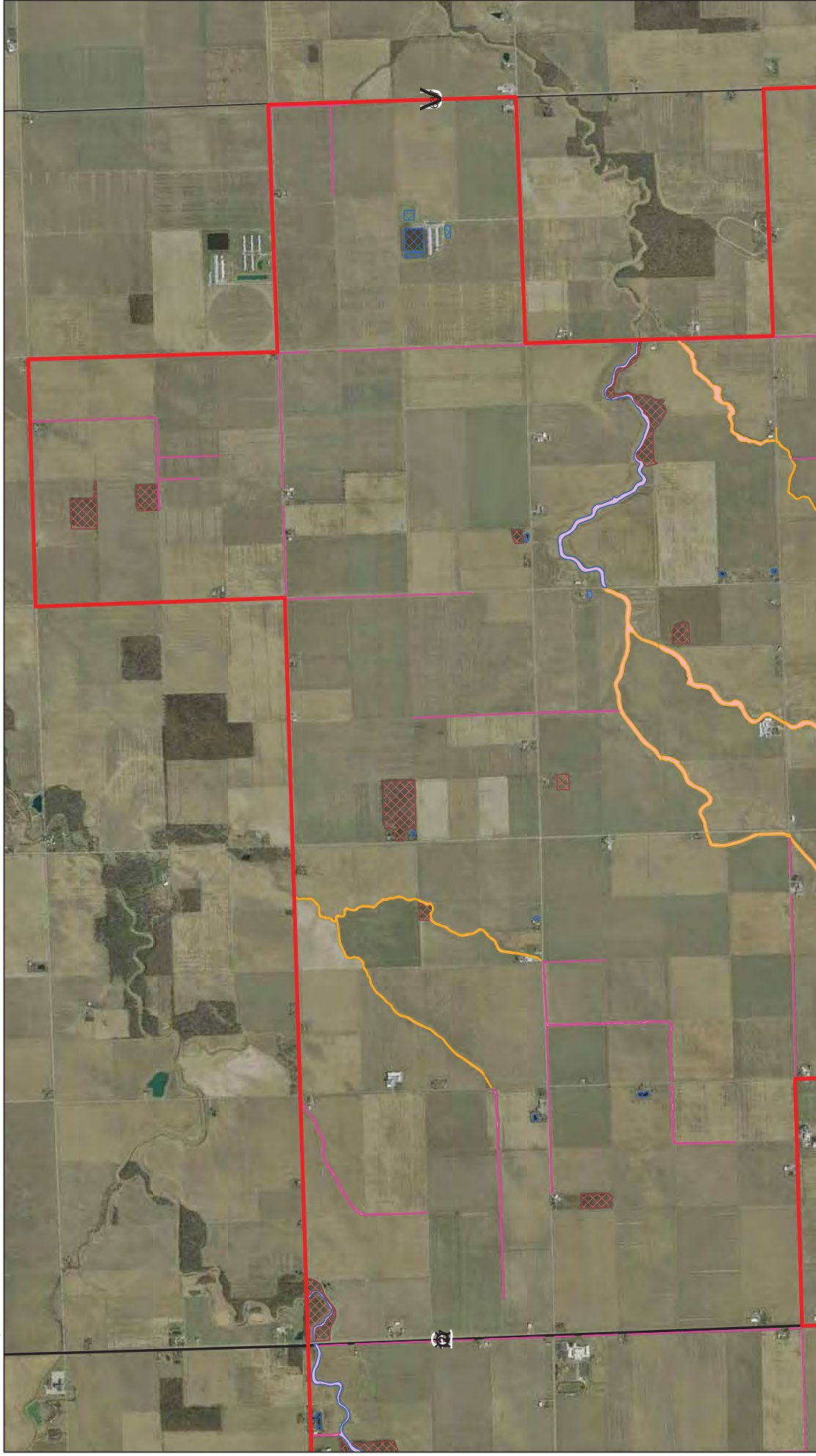
## Northwest Ohio Wind Project

Paulding County, Ohio

### Desktop Preliminary Wetland Delineation

EXHIBIT 6A





Data Source(s): Westwood Desktop GIS Data (2013), Paulding County 2012 DOD (Accessed 2013)

# Northwest Ohio Wind Project

Paulding County, Ohio

## Desktop Preliminary Wetland Delineation

EXHIBIT 6B

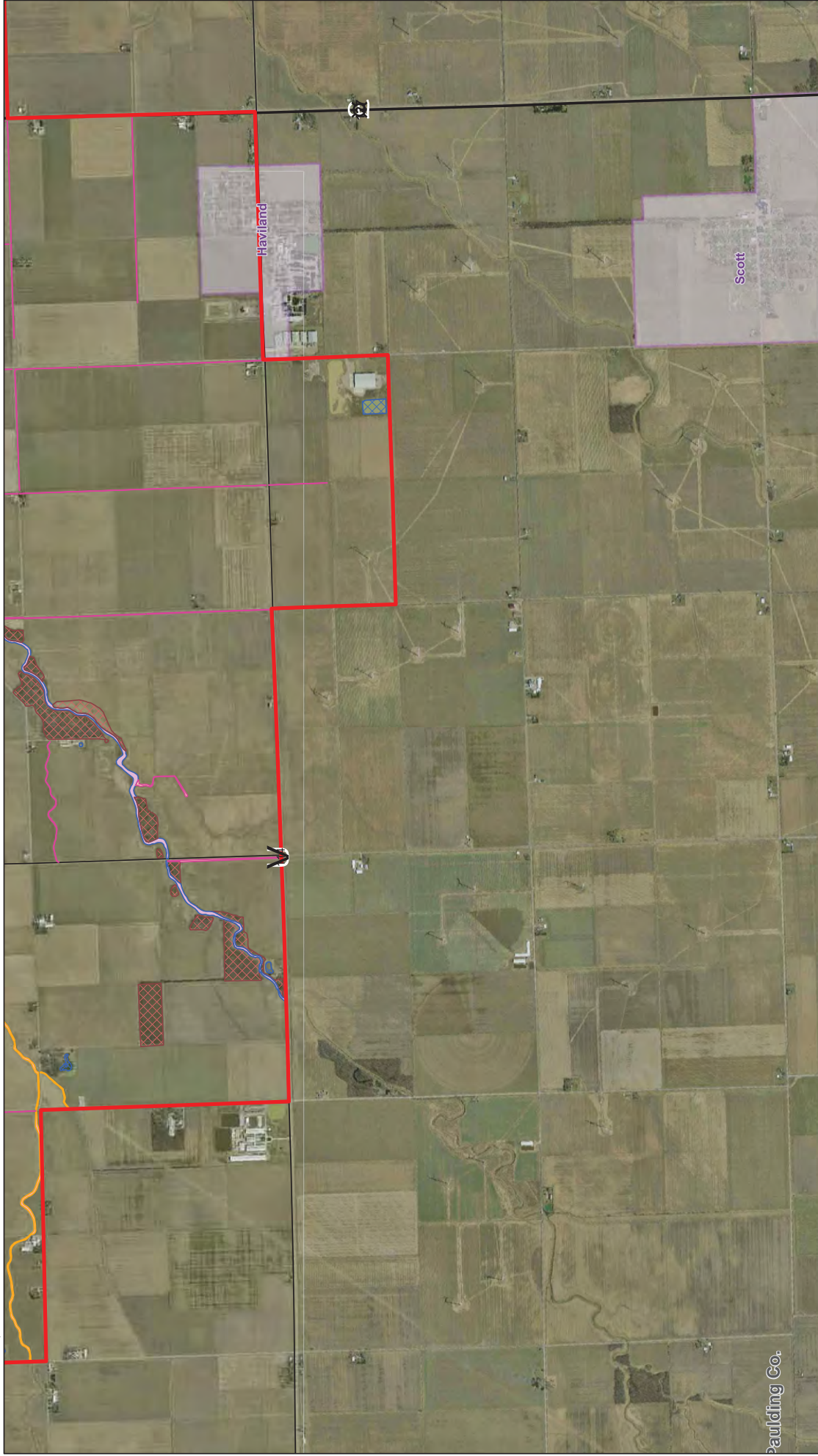
### Legend

- Overall Project Boundary
- Creek
- Ditch
- Ditched Creek
- Excavated Pond
- Wetland
- Wooded Wetland



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Paulding Co.

Data Source(s): Westwood Desktop GIS Data (2013), Paulding County 2012 DCA (Accessed 2013)

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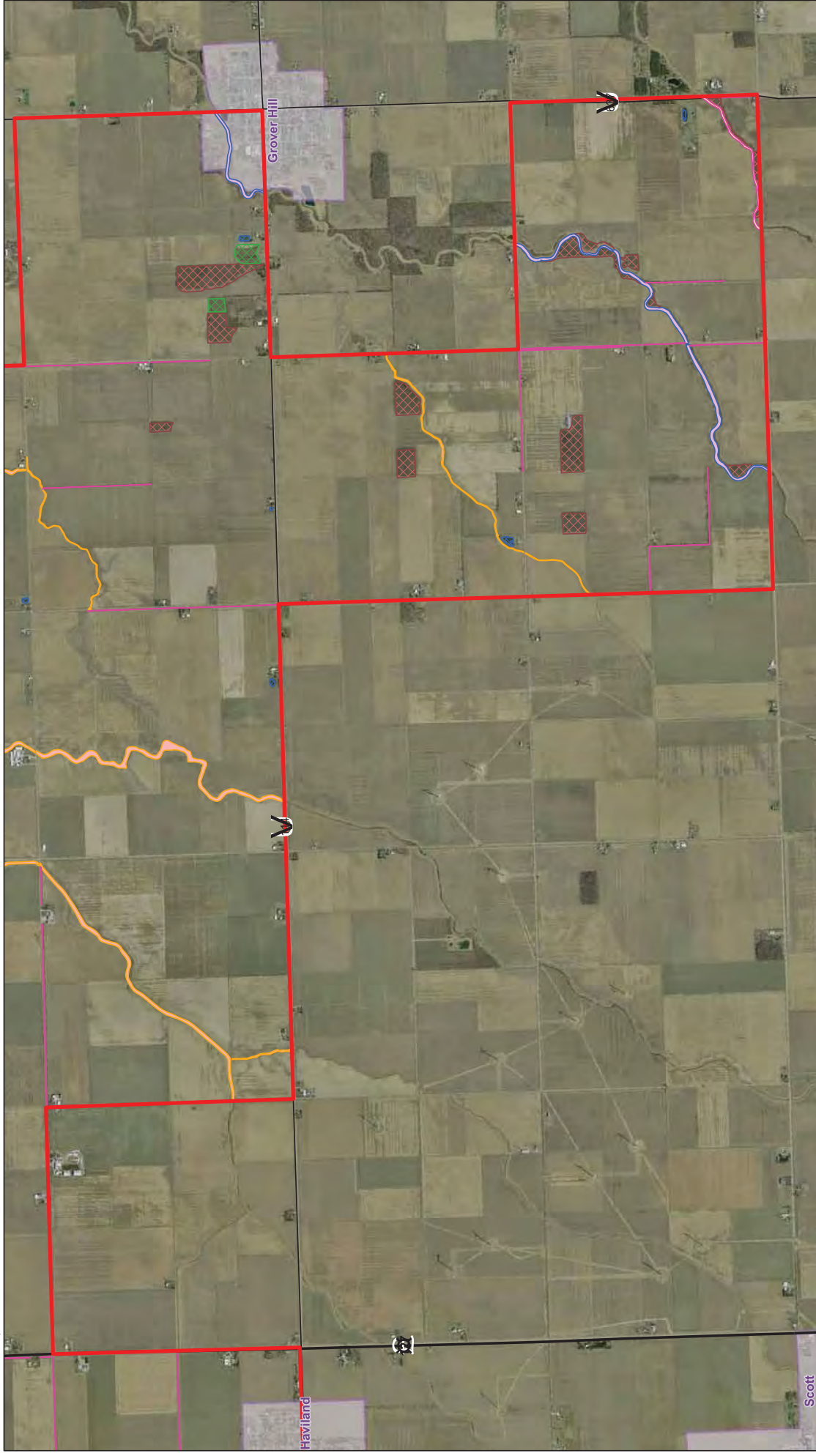


**Legend**

- Overall Project Boundary
- Creek
- Ditch
- Ditched Creek
- Excavated Pond
- Wetland
- Wooded Wetland

**Northwest Ohio Wind Project**  
Paulding County, Ohio  
Desktop Preliminary  
Wetland Delineation  
EXHIBIT 6C





Data Source: Westwood Desktop GIS Data (2013), Paulding County 2012 DOD (Accessed 2013)

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### Legend

- Overall Project Boundary
- Creek
- Ditch
- Ditched Creek
- Excavated Pond
- Wetland
- Wooded Wetland

# Northwest Ohio Wind Project

Paulding County, Ohio

## Desktop Preliminary Wetland Delineation

EXHIBIT 6D









Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)



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**Legend**

- ( Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

# Northwest Ohio Wind Project

Paulding County, Ohio

## Wetland Delineation Boundary Map



EXHIBIT 8 A



Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)



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**Legend**

- ( ) Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

# Northwest Ohio Wind Project

Paulding County, Ohio

## Wetland Delineation Boundary Map



0 1,000 Feet

EXHIBIT 8 B





Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)

#### Legend

- ( Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

## Northwest Ohio Wind Project

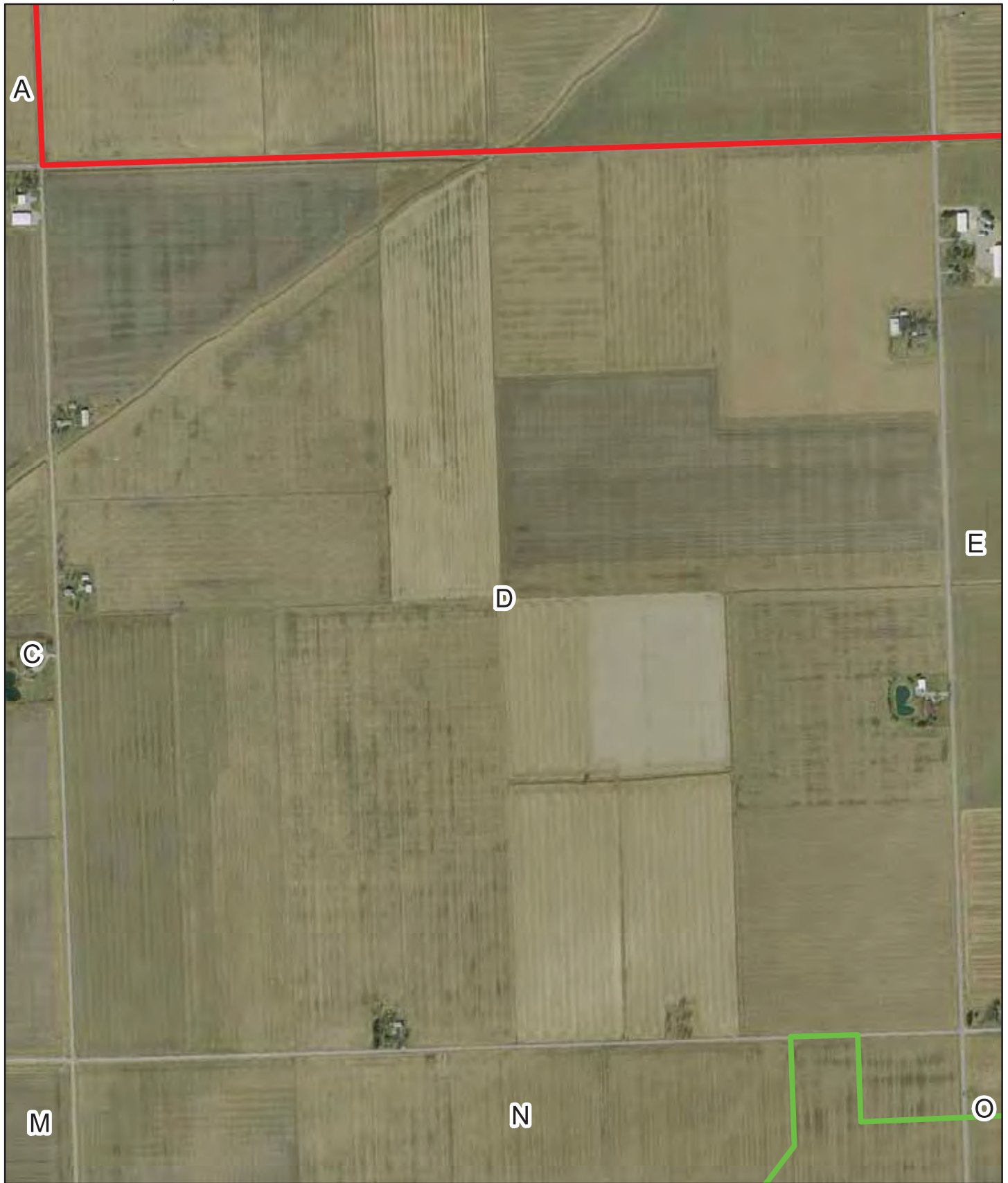
Paulding County, Ohio

### Wetland Delineation Boundary Map

EXHIBIT 8 C



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Data Source(s): Westwood Field GPS Data (2013), Paulding County 2012 DOQ (Accessed 2013)

# Northwest Ohio Wind Project

Paulding County, Ohio

## Wetland Delineation Boundary Map

EXHIBIT 8 D

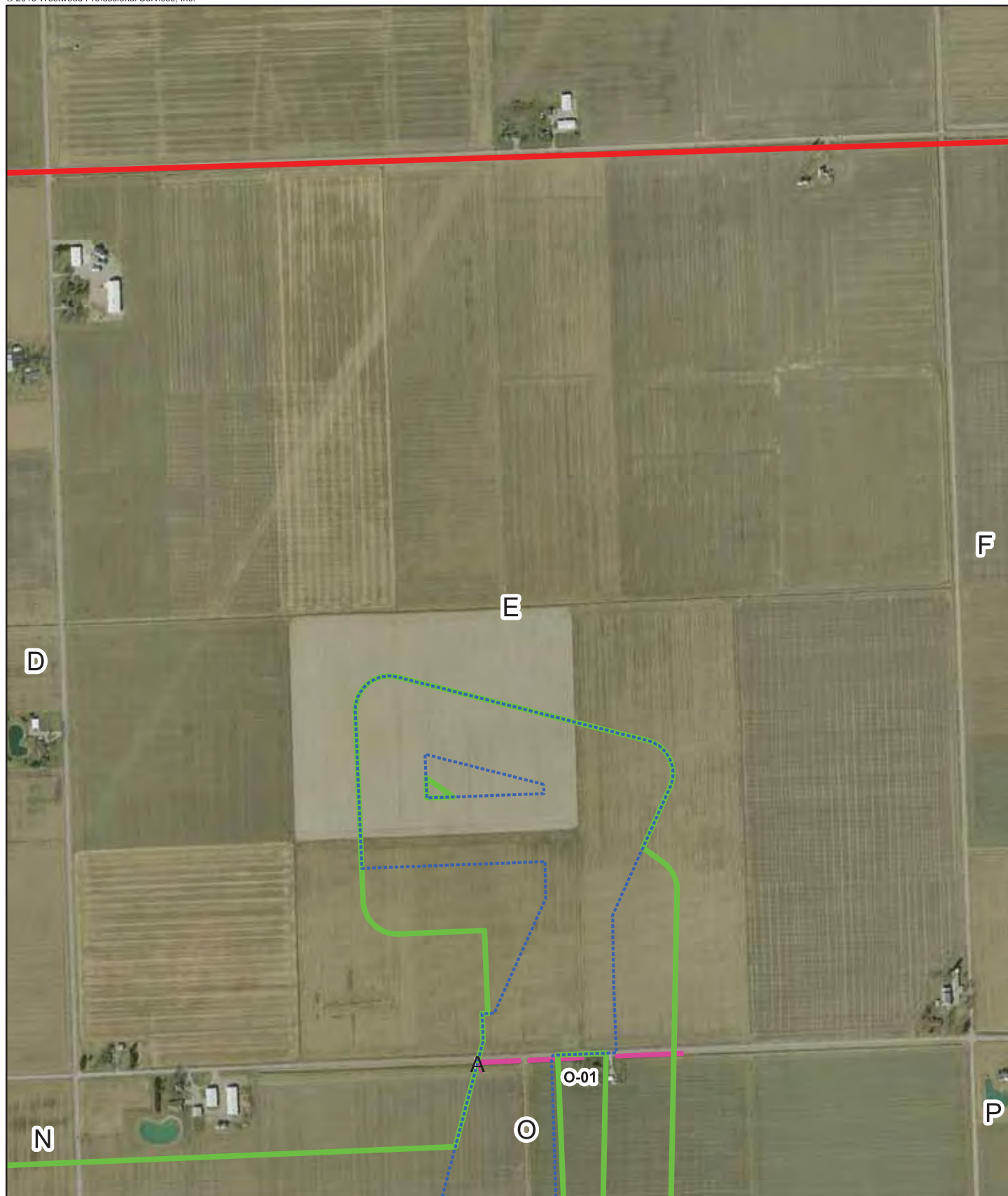
### Legend

- ( Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland



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Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)



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**Legend**

- ( ) Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

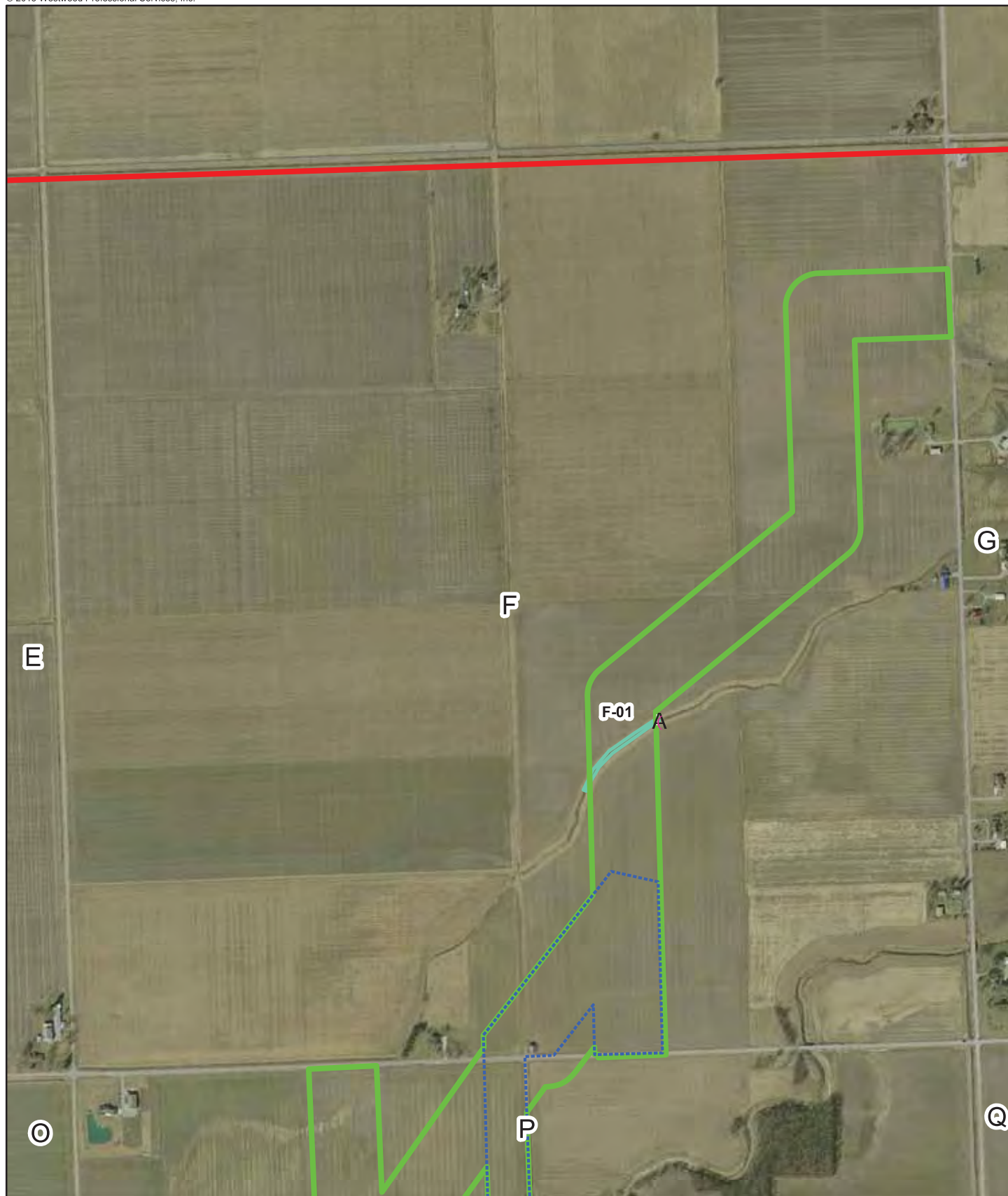
# Northwest Ohio Wind Project

Paulding County, Ohio

## Wetland Delineation Boundary Map



EXHIBIT 8 E



Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)

# Northwest Ohio Wind Project

Paulding County, Ohio

Wetland Delineation  
Boundary Map

EXHIBIT 8 F

## Legend

- ( Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland



0 1,000 Feet



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Data Source(s): Westwood Field GPS Data (2013), Paulding County 2012 DOQ (Accessed 2013)



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**Legend**

- ( ) Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

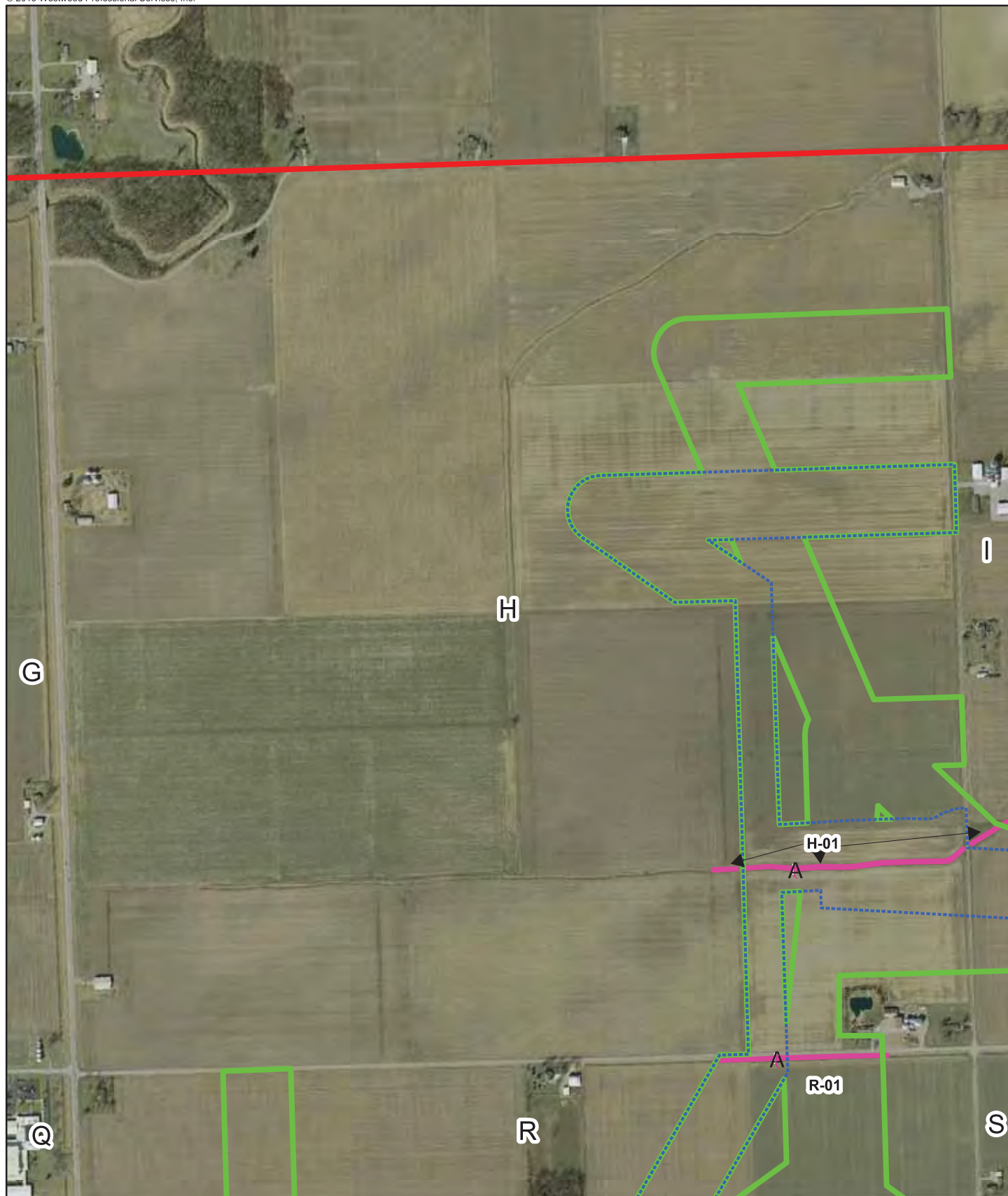
# Northwest Ohio Wind Project

Paulding County, Ohio

## Wetland Delineation Boundary Map



EXHIBIT 8 G



Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)



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**Legend**

- ( ) Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

# Northwest Ohio Wind Project

Paulding County, Ohio

## Wetland Delineation Boundary Map



EXHIBIT 8 H





Data Source(s): Westwood Field GPS Data (2013), Paulding County 2012 DOQ (Accessed 2013)



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**Legend**

- ( Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

# Northwest Ohio Wind Project

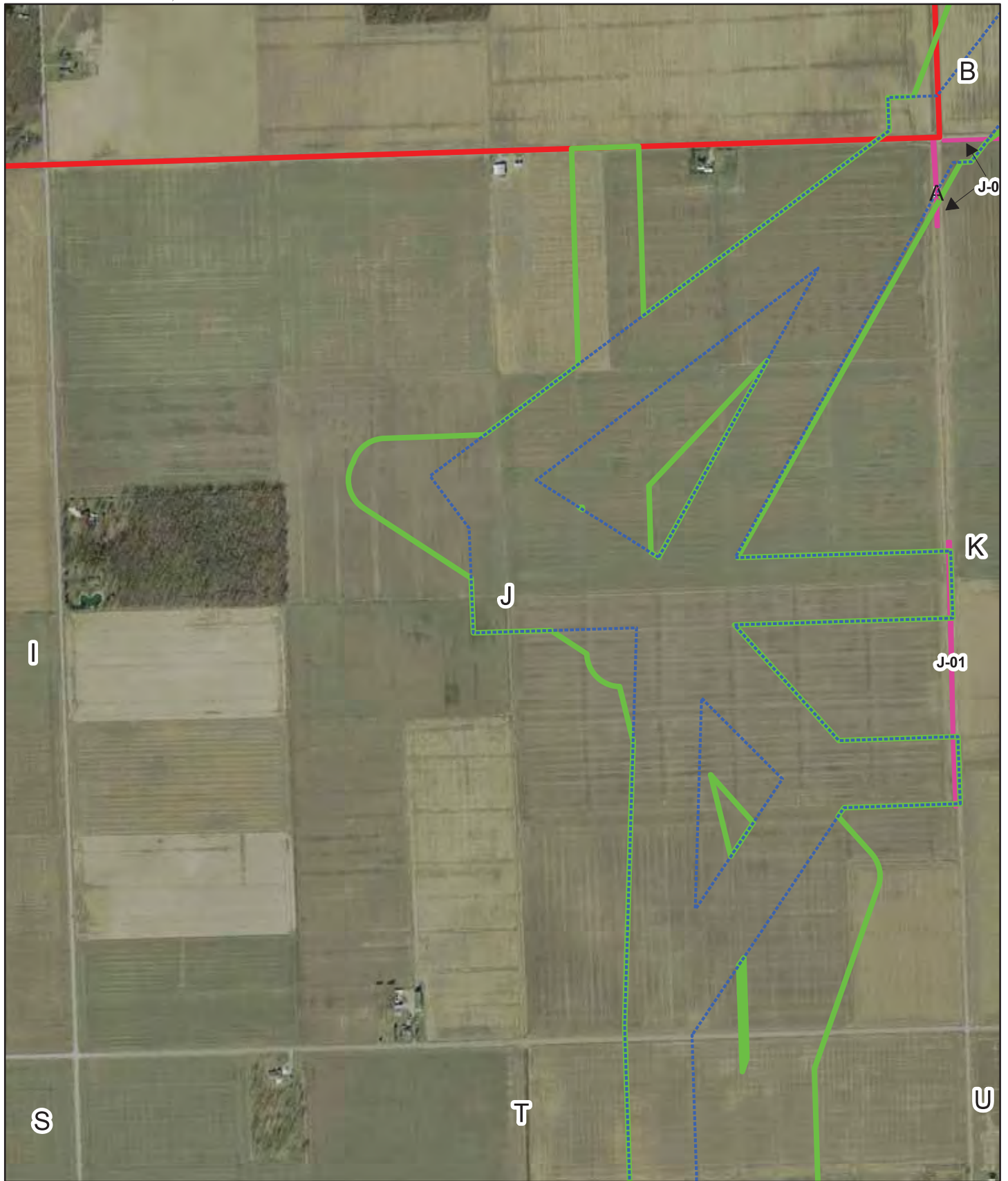
Paulding County, Ohio

**Wetland Delineation  
 Boundary Map**



0 1,000 Feet

EXHIBIT 8 I



Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)

#### Legend

- ( ) Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

## Northwest Ohio Wind Project

Paulding County, Ohio

### Wetland Delineation Boundary Map

EXHIBIT 8 J



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Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)

# Northwest Ohio Wind Project

Paulding County, Ohio

Wetland Delineation  
Boundary Map

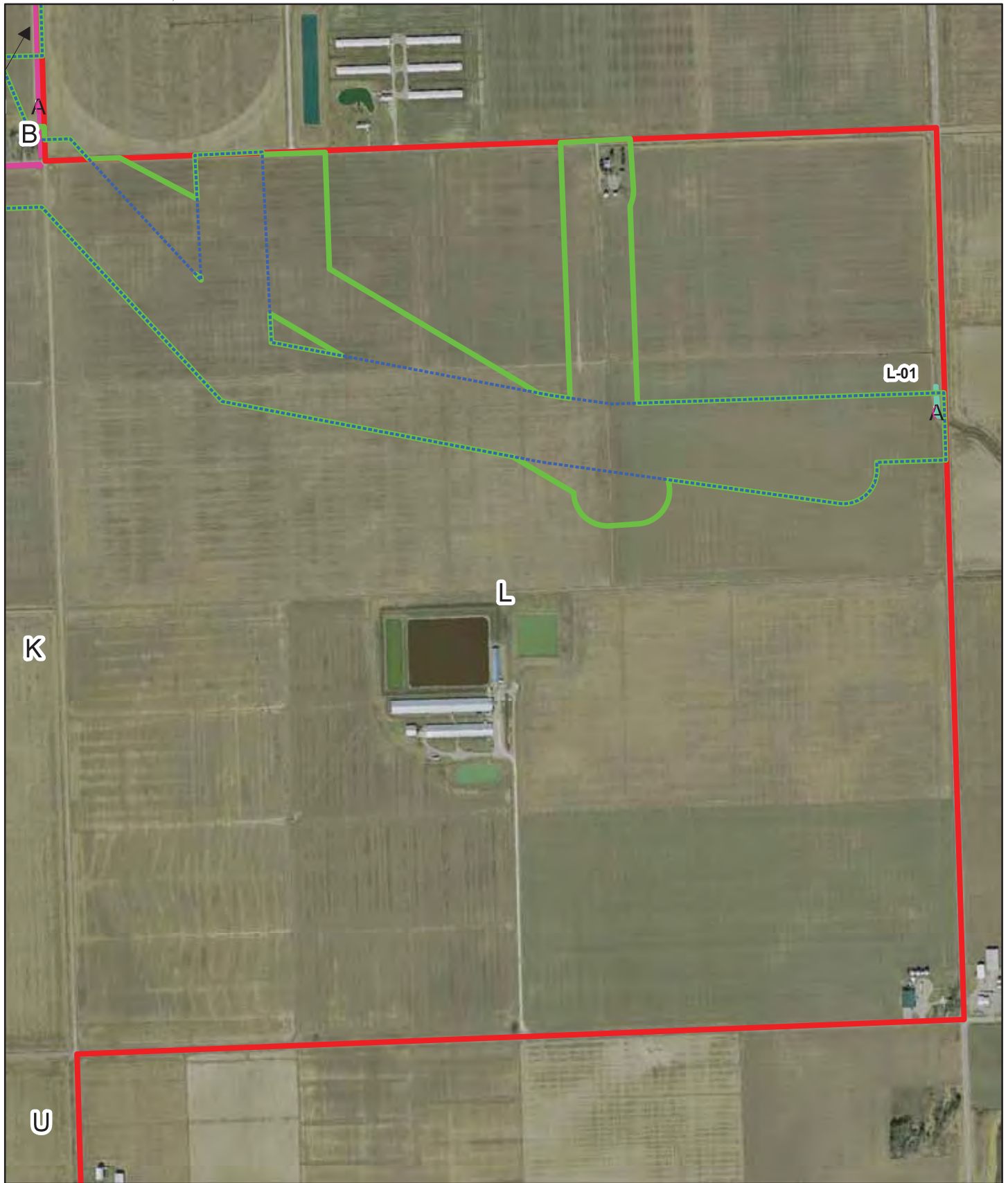
EXHIBIT 8 K

## Legend

- ( Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

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Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)



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**Legend**

- ( ) Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

# Northwest Ohio Wind Project

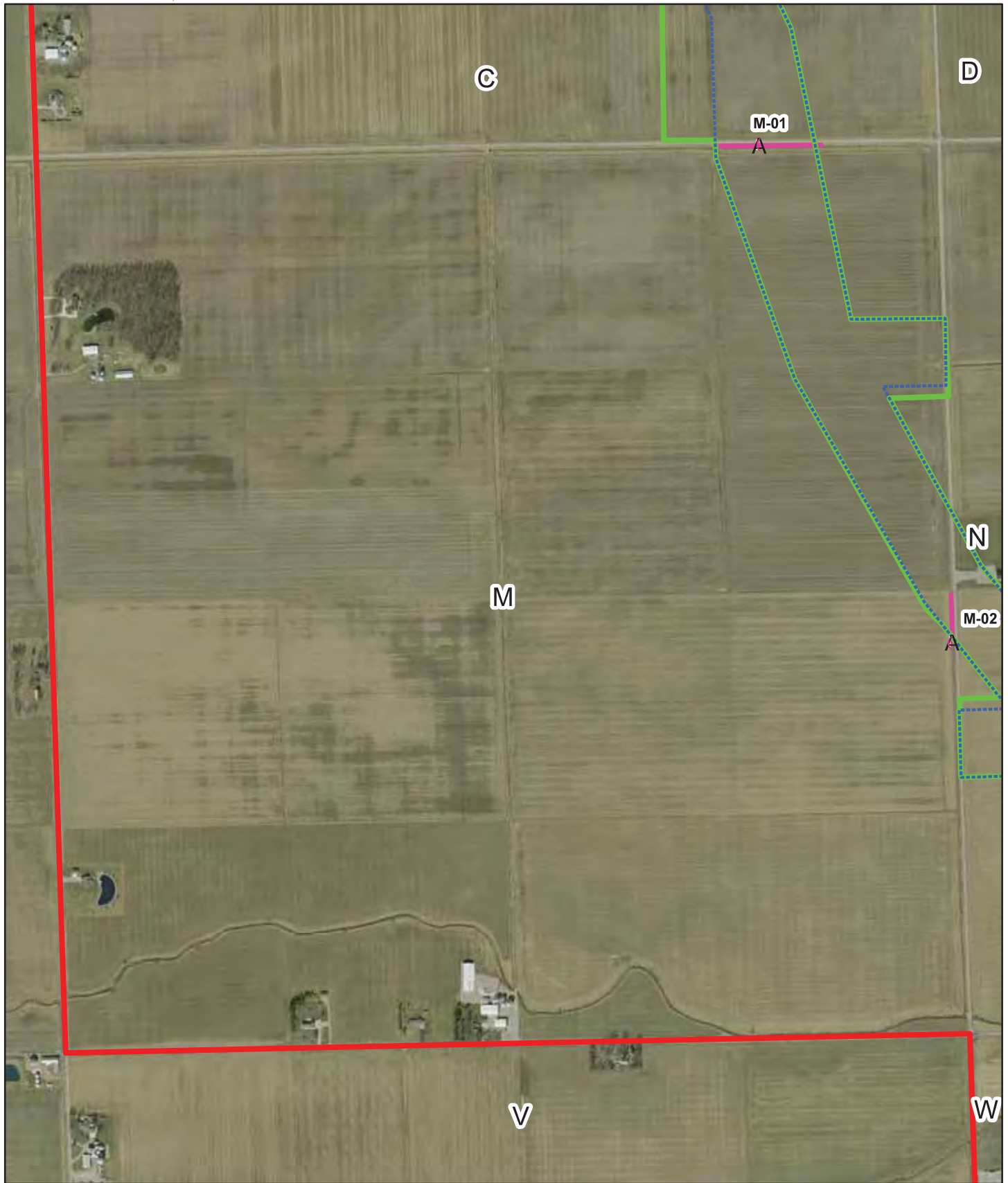
Paulding County, Ohio

## Wetland Delineation Boundary Map



EXHIBIT 8 L





Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)

#### Legend

- ( ) Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

## Northwest Ohio Wind Project

Paulding County, Ohio

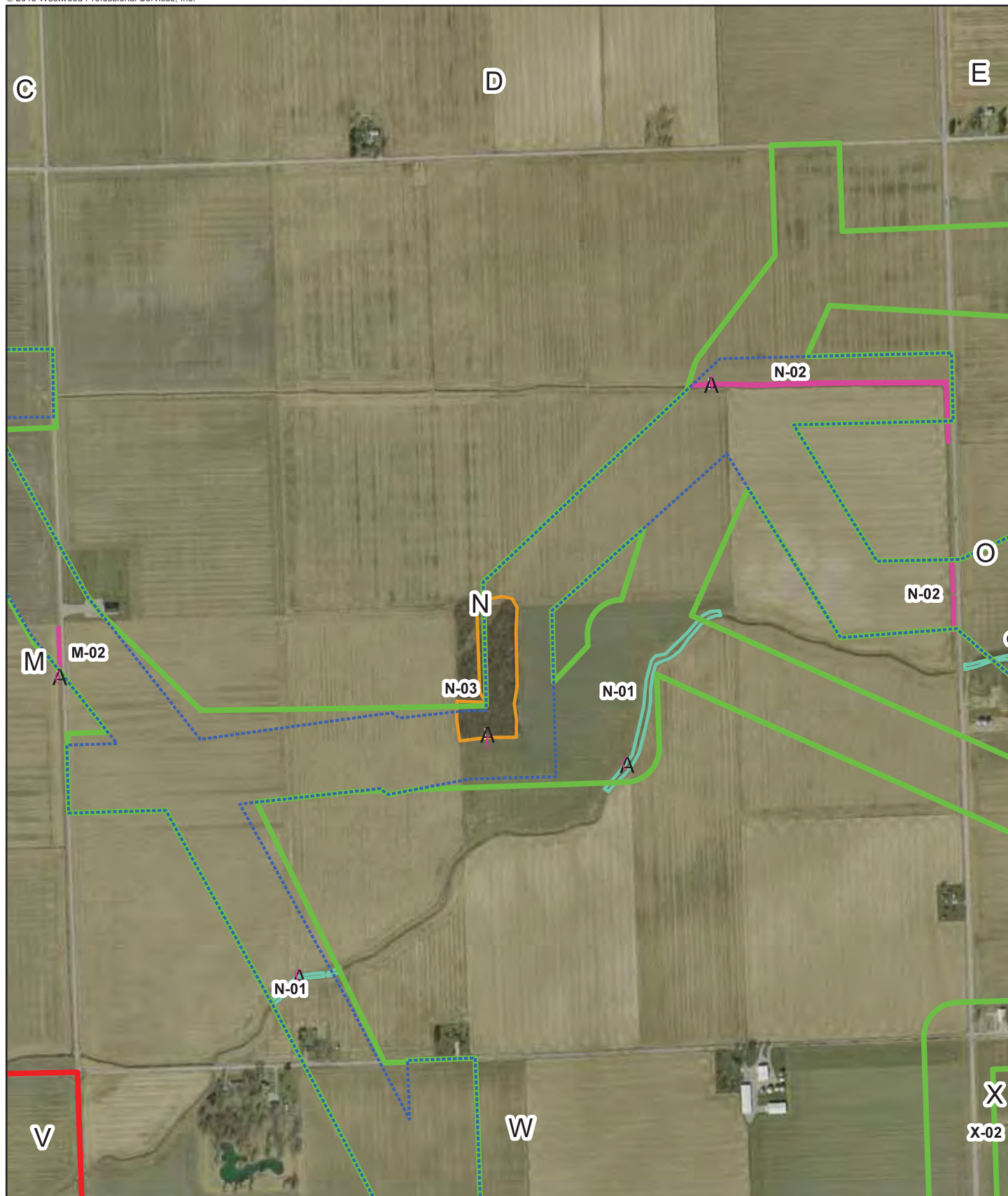
### Wetland Delineation Boundary Map

EXHIBIT 8 M



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Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)



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**Legend**

- ( ) Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

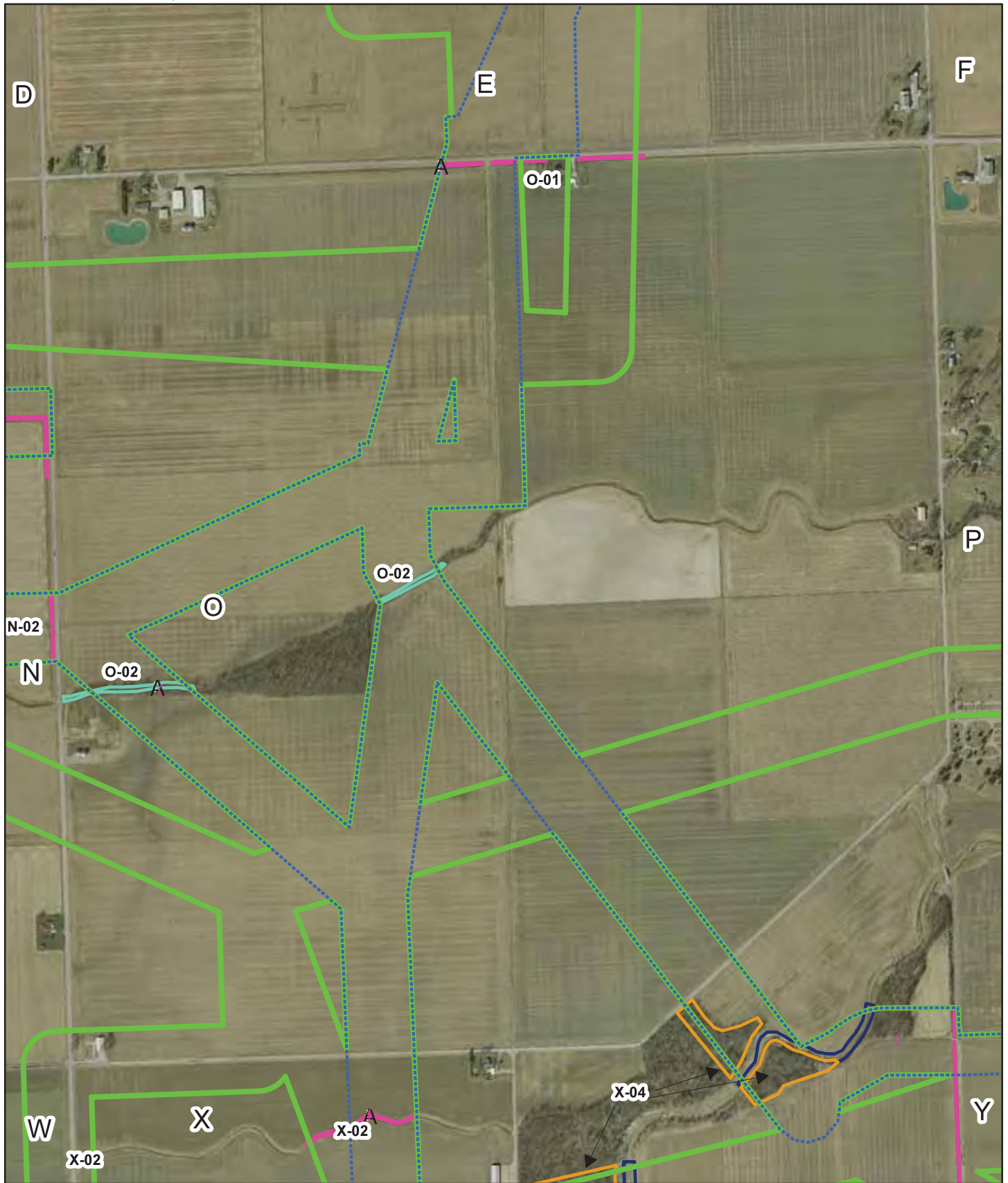
# Northwest Ohio Wind Project

Paulding County, Ohio

## Wetland Delineation Boundary Map

EXHIBIT 8 N





Data Source(s): Westwood Field GPS Data (2013), Paulding County 2012 DOQ (Accessed 2013)



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**Legend**

- ( ) Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

# Northwest Ohio Wind Project

Paulding County, Ohio

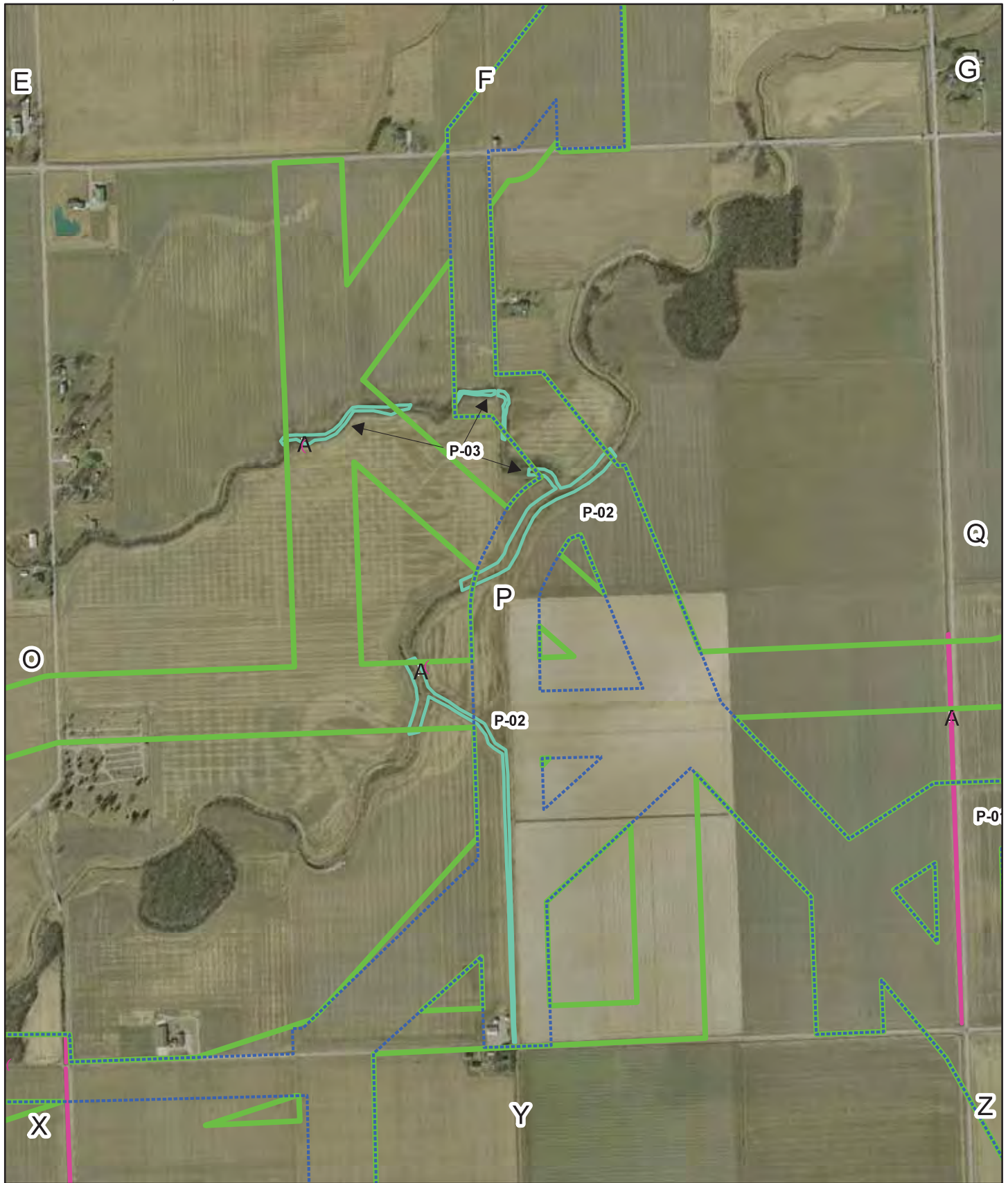
## Wetland Delineation Boundary Map



0 1,000 Feet

EXHIBIT 8 O





Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)

# Northwest Ohio Wind Project

Paulding County, Ohio

## Wetland Delineation Boundary Map

EXHIBIT 8 P

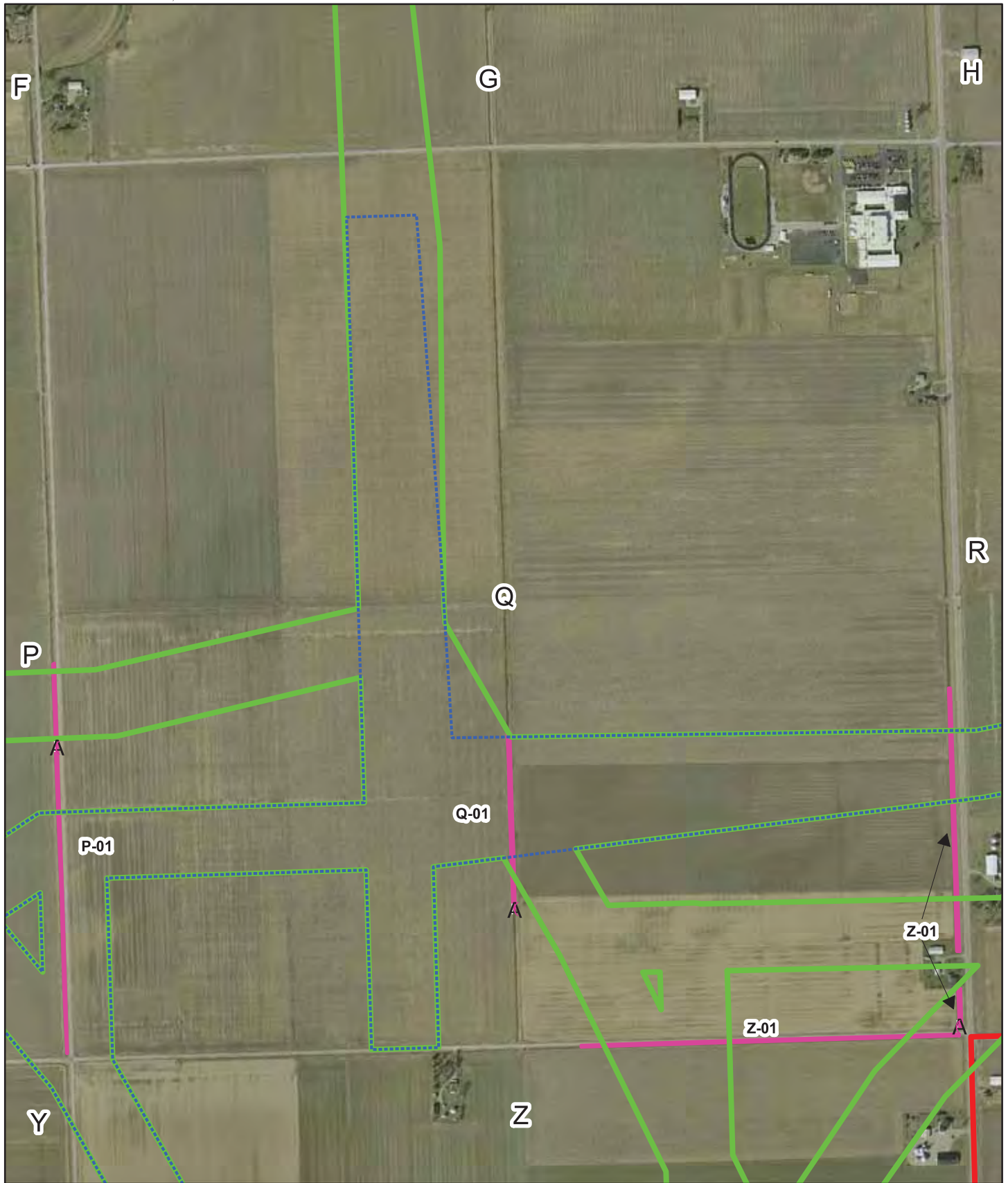
### Legend

- ( ) Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland



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Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)

# Northwest Ohio Wind Project

Paulding County, Ohio

Wetland Delineation  
Boundary Map

EXHIBIT 8 Q

## Legend

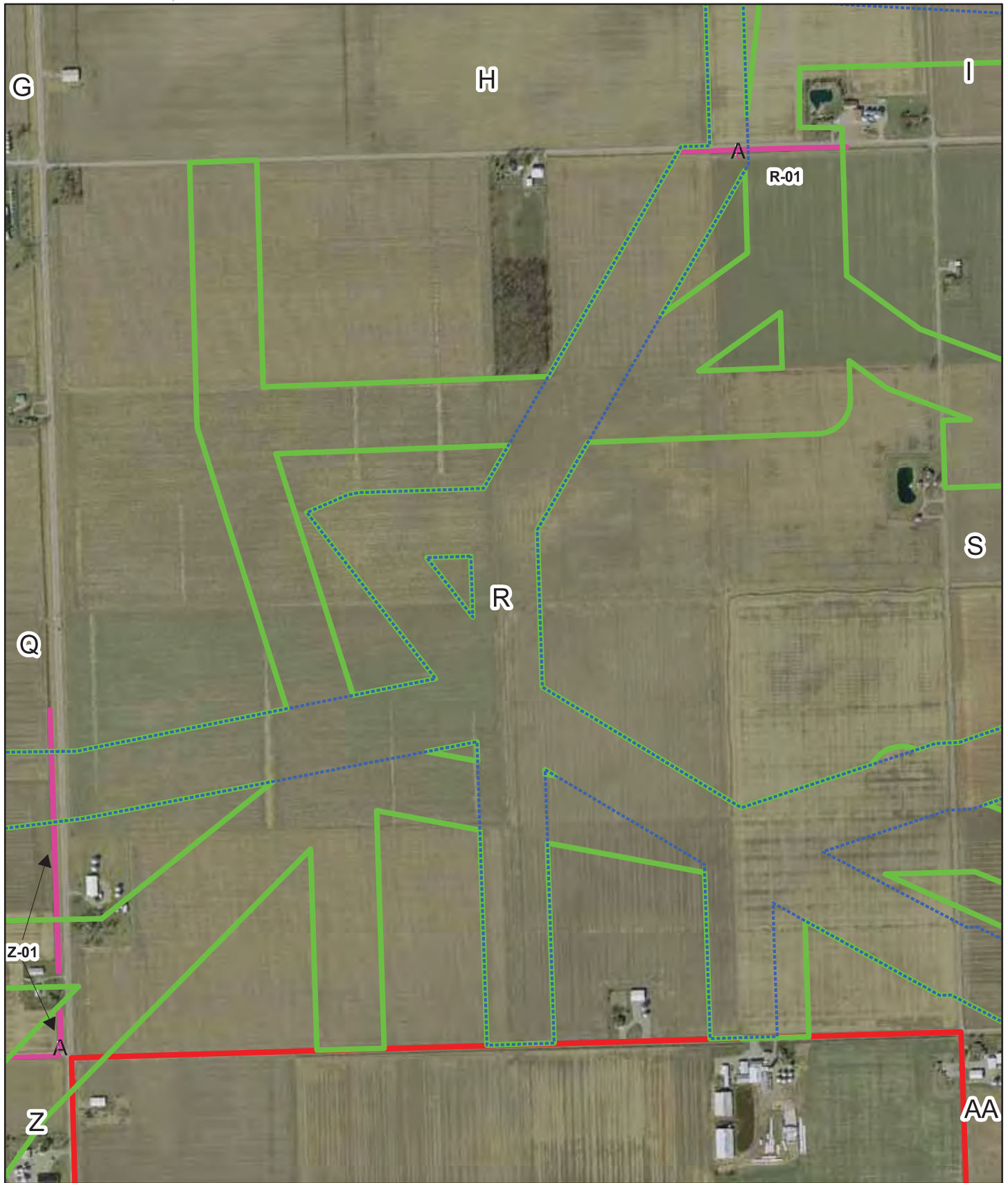
- ( ) Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland



0 1,000 Feet



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Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)



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**Legend**

- ( ) Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

# Northwest Ohio Wind Project

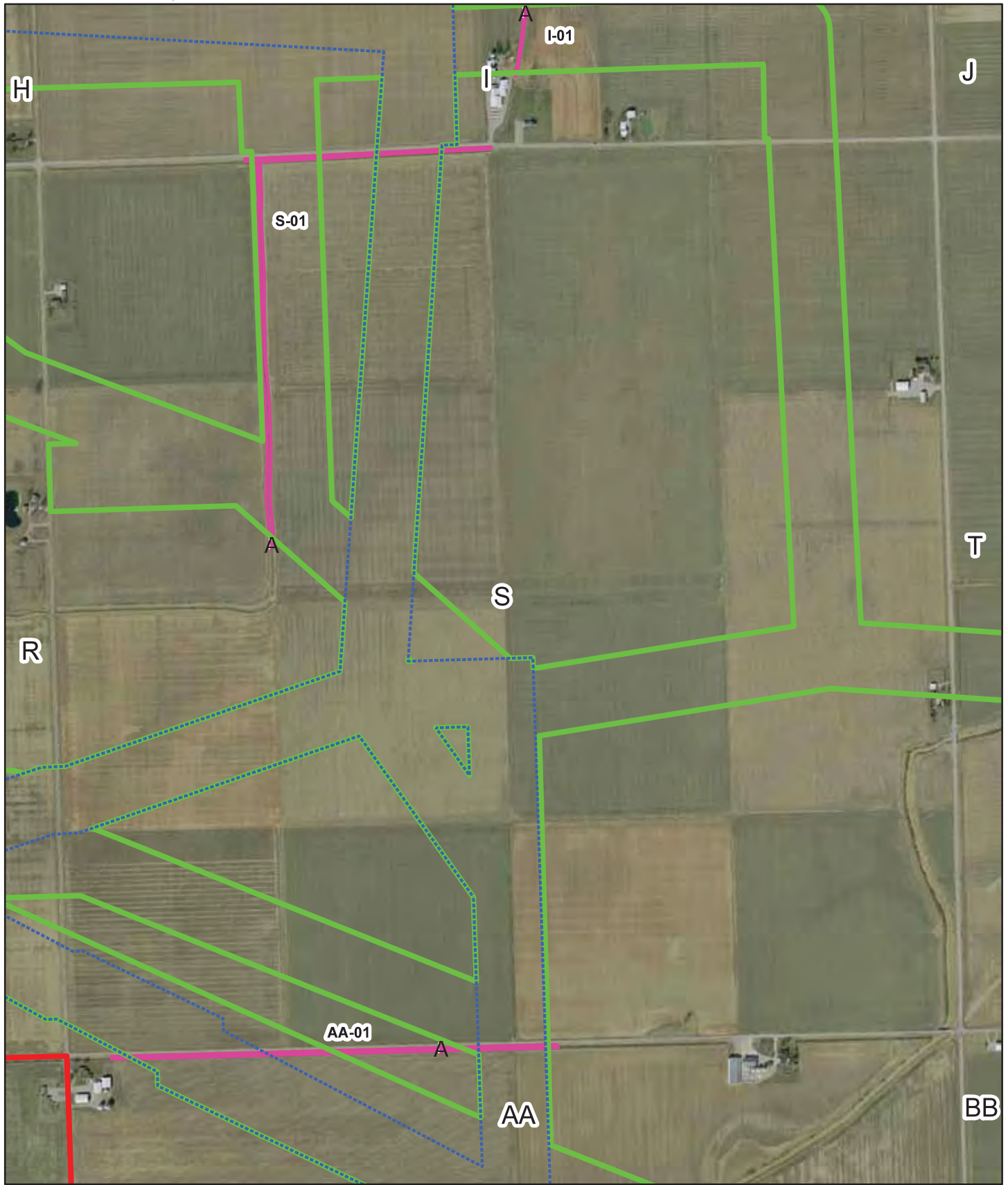
Paulding County, Ohio

## Wetland Delineation Boundary Map



EXHIBIT 8 R





Data Source(s): Westwood Field GPS Data (2013), Paulding County 2012 DOQ (Accessed 2013)



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**Legend**

- ( ) Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

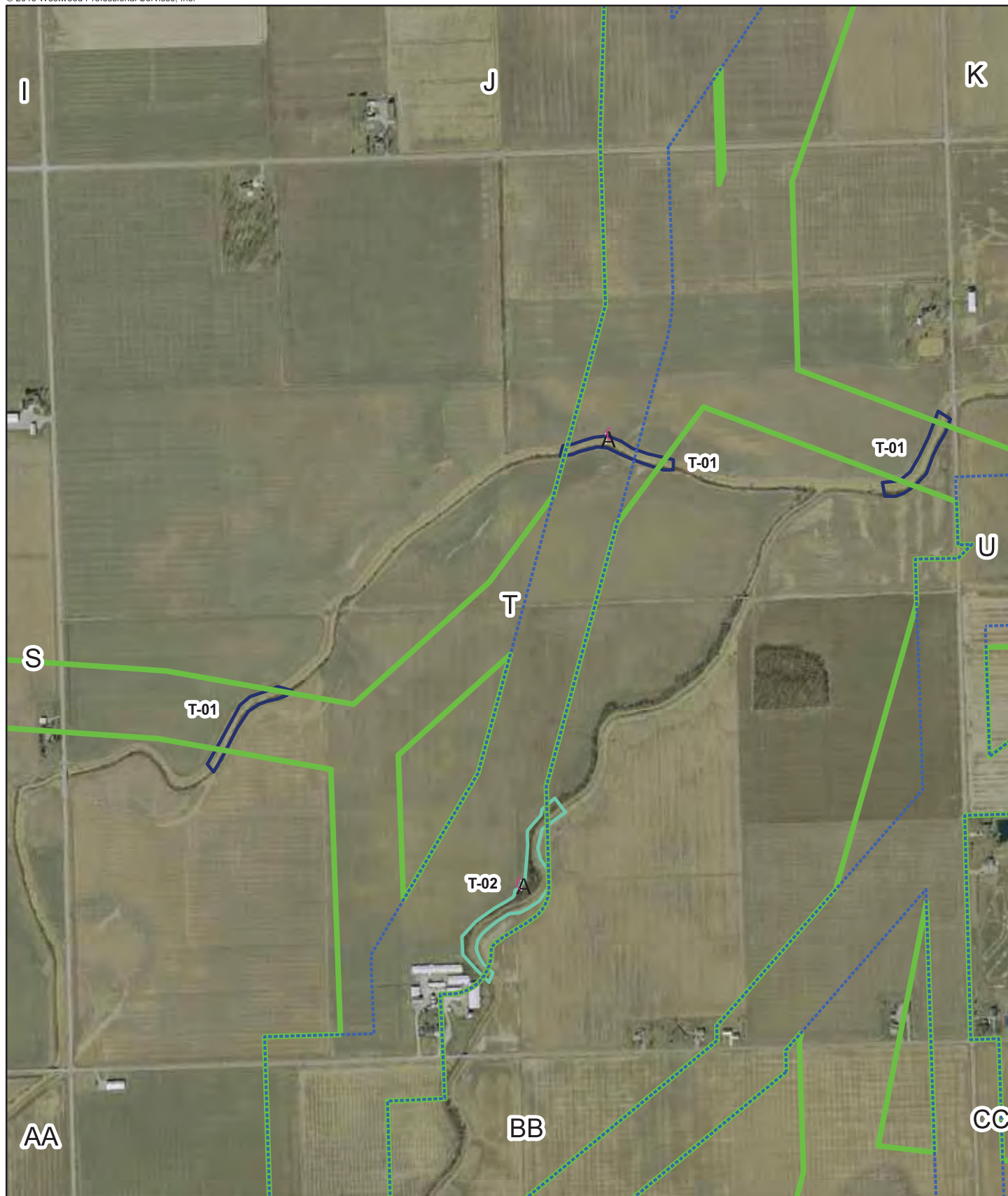
# Northwest Ohio Wind Project

Paulding County, Ohio

**Wetland Delineation  
Boundary Map**



EXHIBIT 8 S



Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)

#### Legend

- ( ) Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

## Northwest Ohio Wind Project

Paulding County, Ohio

### Wetland Delineation Boundary Map

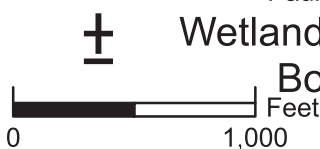
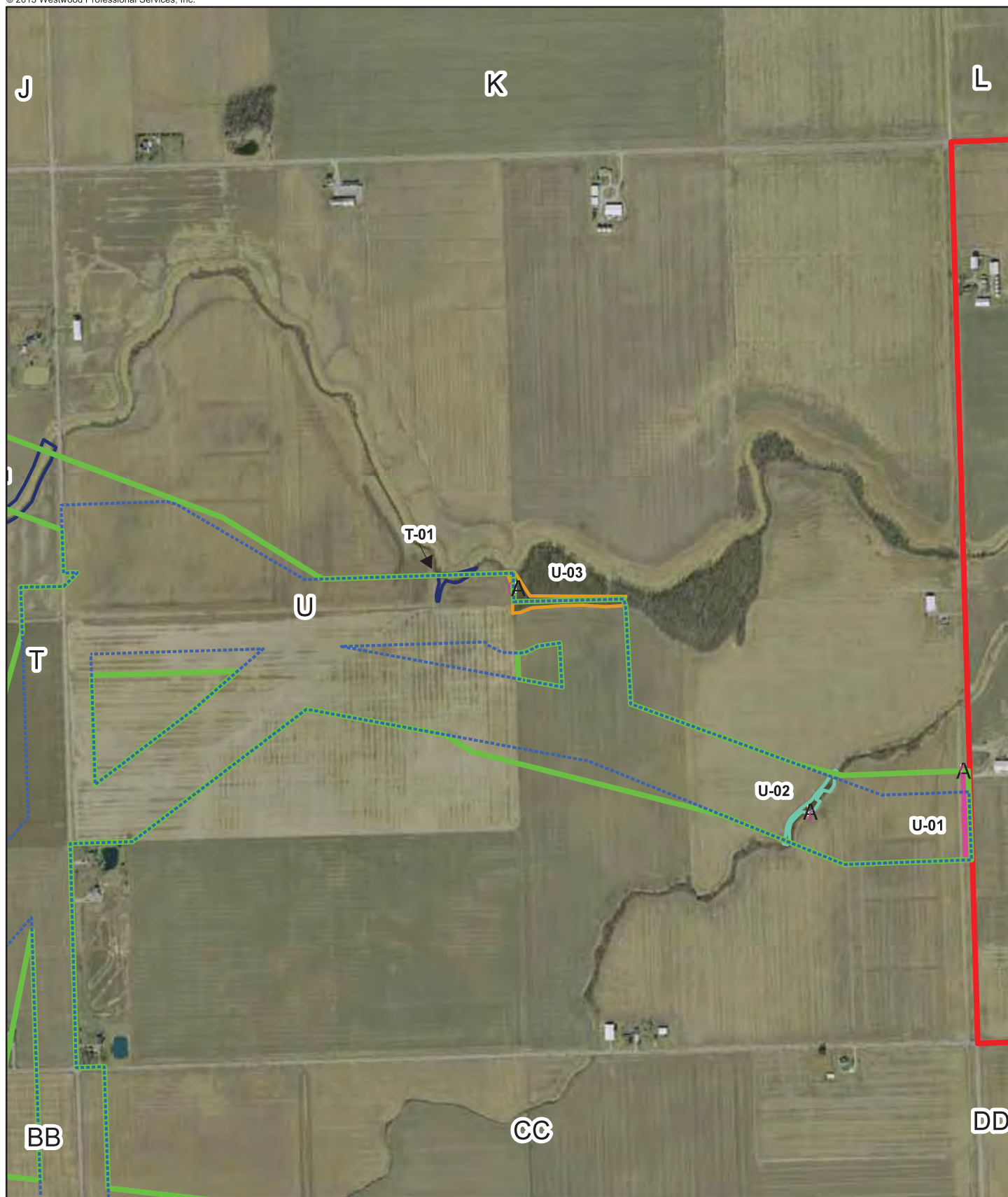


EXHIBIT 8 T



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Data Source(s): Westwood Field GPS Data (2013), Paulding County 2012 DOQ (Accessed 2013)



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**Legend**

- ( ) Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
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- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

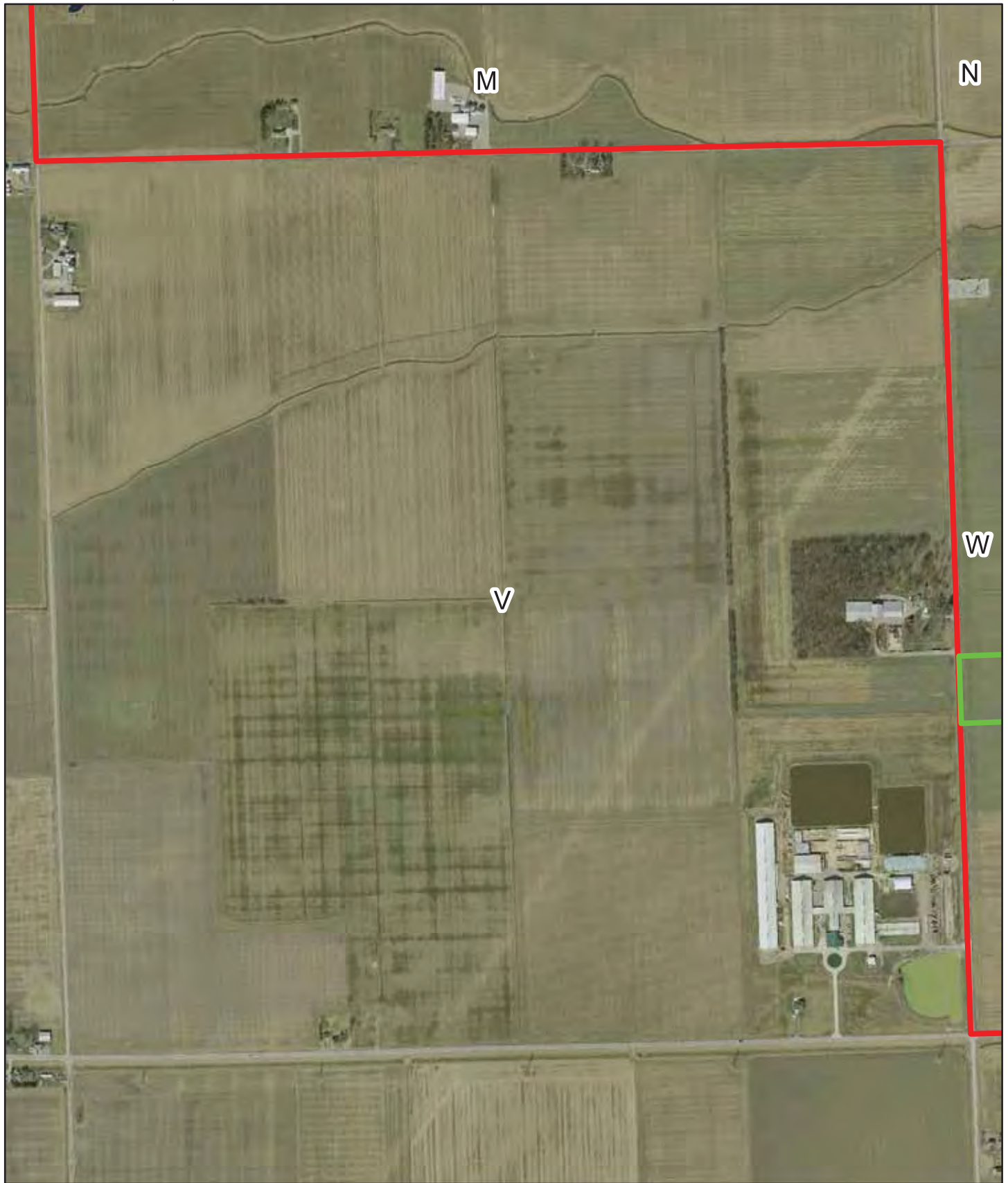
# Northwest Ohio Wind Project

Paulding County, Ohio

## Wetland Delineation Boundary Map



EXHIBIT 8 U



Data Source(s): Westwood Field GPS Data (2013), Paulding County 2012 DOQ (Accessed 2013)



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**Legend**

- ( Upland Sample Point
- A Wetland Sample Point
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- Non-Wetland Watercourse
- Type 2 Wetland within Creek
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- Type 7 Wooded Wetland

# Northwest Ohio Wind Project

Paulding County, Ohio

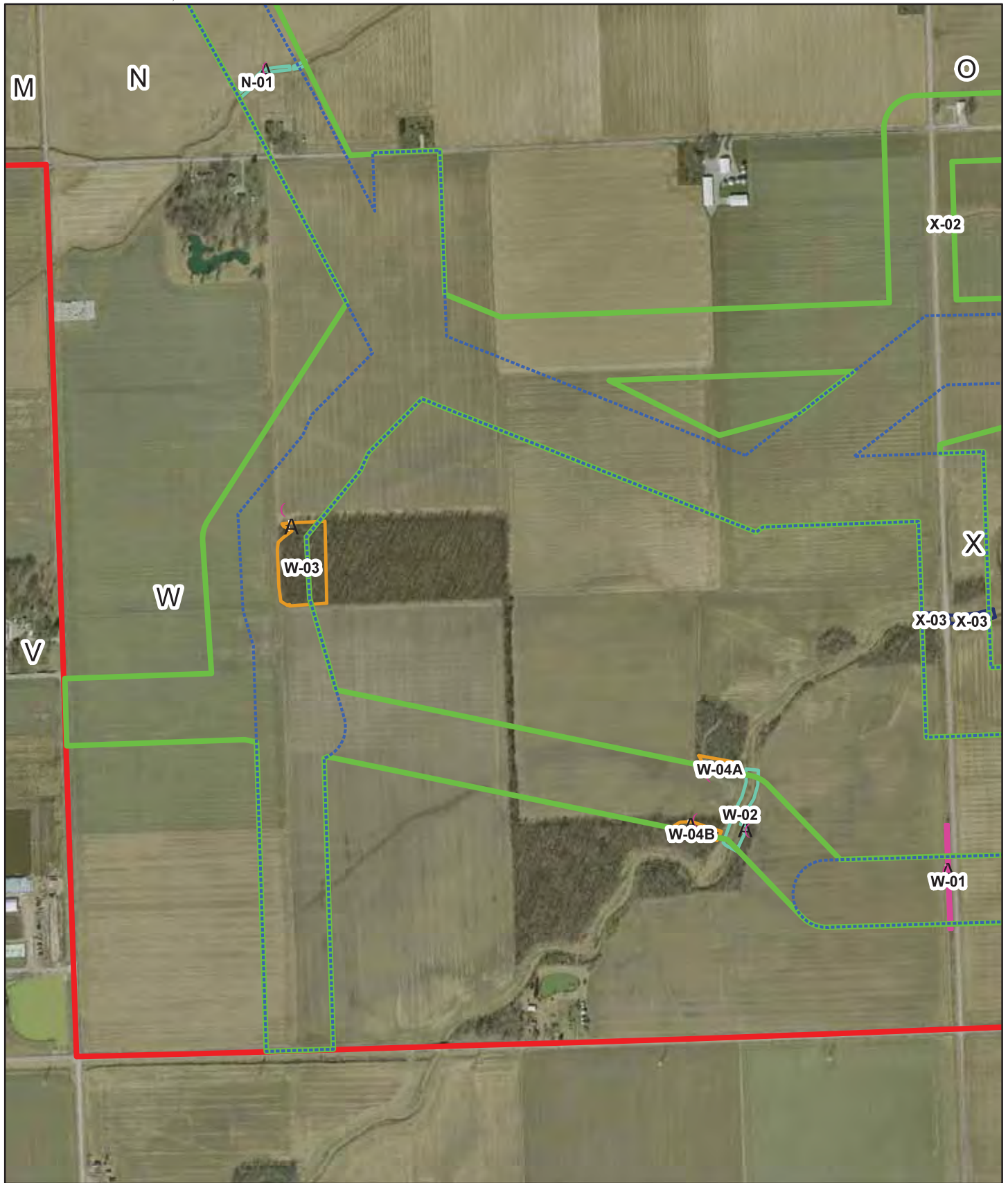
## Wetland Delineation Boundary Map



0 1,000 Feet

EXHIBIT 8 V





Data Source(s): Westwood Field GPS Data (2013), Paulding County 2012 DOQ (Accessed 2013)

#### Legend

- ( ) Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
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- Non-Wetland Watercourse
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- Type 7 Wooded Wetland

## Northwest Ohio Wind Project

Paulding County, Ohio

### Wetland Delineation Boundary Map

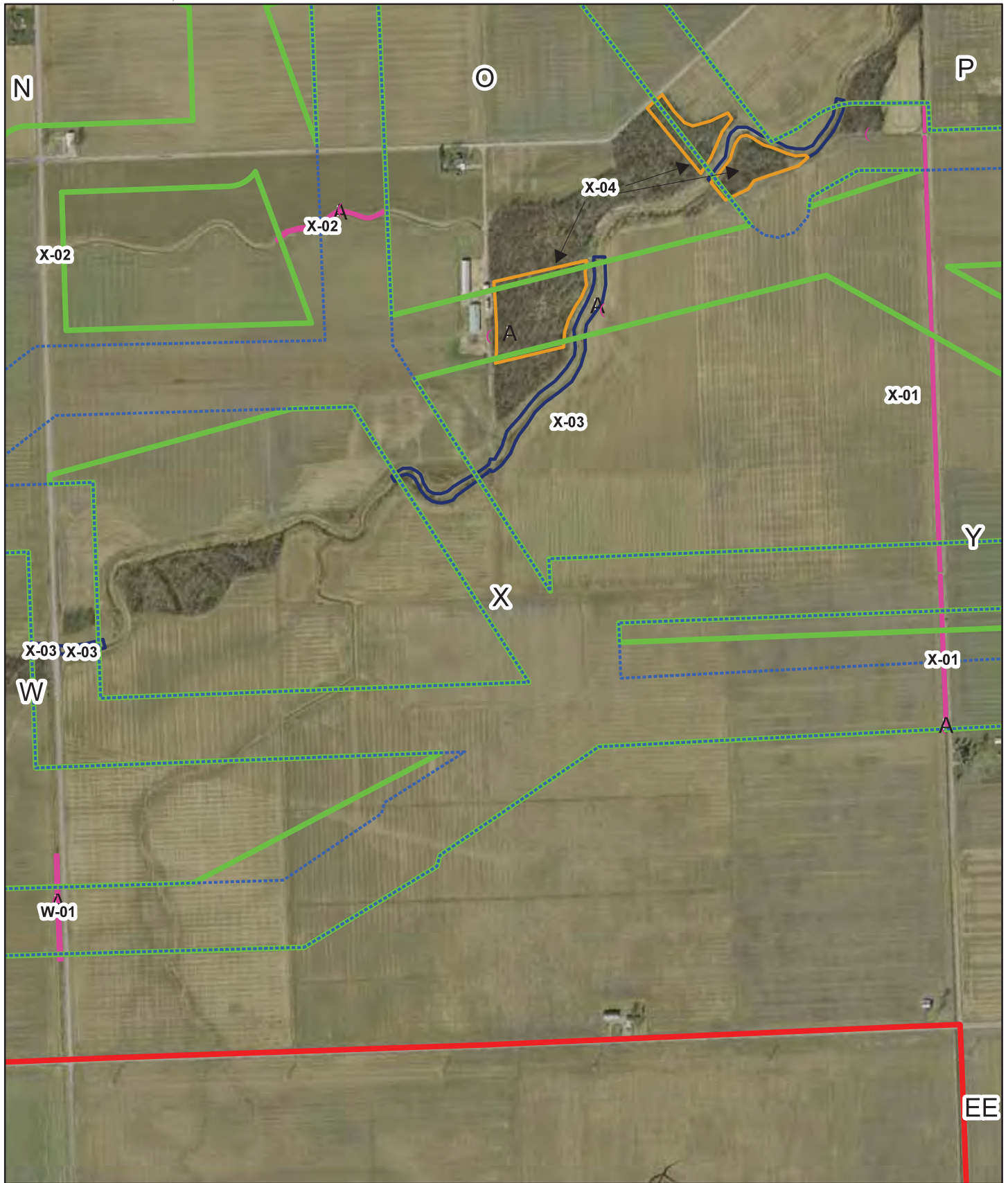


0 1,000 Feet

EXHIBIT 8 W



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Data Source(s): Westwood Field GPS Data (2013), Paulding County 2012 DOQ (Accessed 2013)

#### Legend

- ( ) Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
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## Northwest Ohio Wind Project

Paulding County, Ohio

### Wetland Delineation Boundary Map

EXHIBIT 8 X



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Data Source(s): Westwood Field GPS Data (2013), Paulding County 2012 DOQ (Accessed 2013)

#### Legend

- ( ) Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse

# Northwest Ohio Wind Project

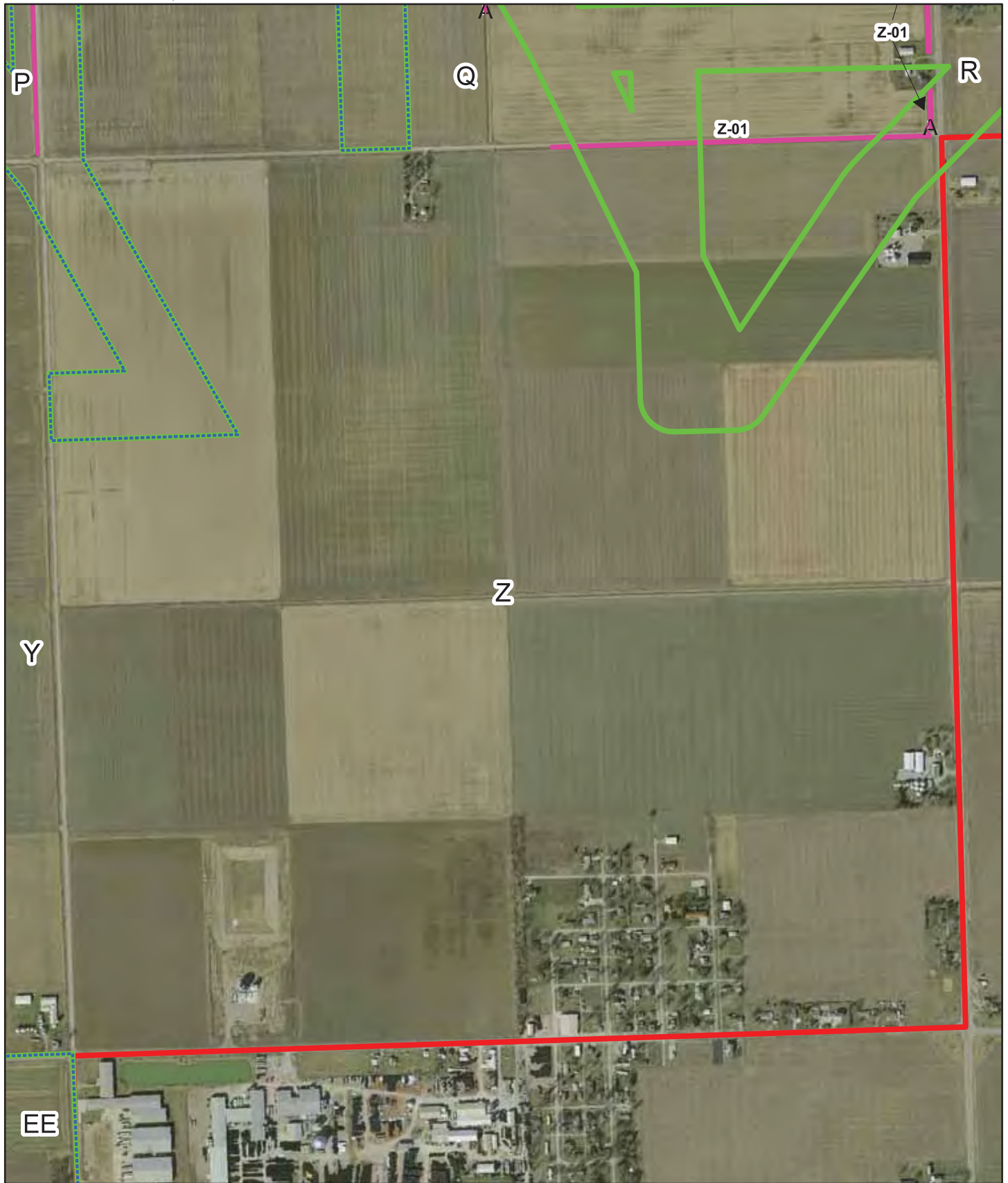
Paulding County, Ohio

## Wetland Delineation Boundary Map

EXHIBIT 8 Y



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Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)

# Northwest Ohio Wind Project

Paulding County, Ohio

## Wetland Delineation Boundary Map

EXHIBIT 8Z

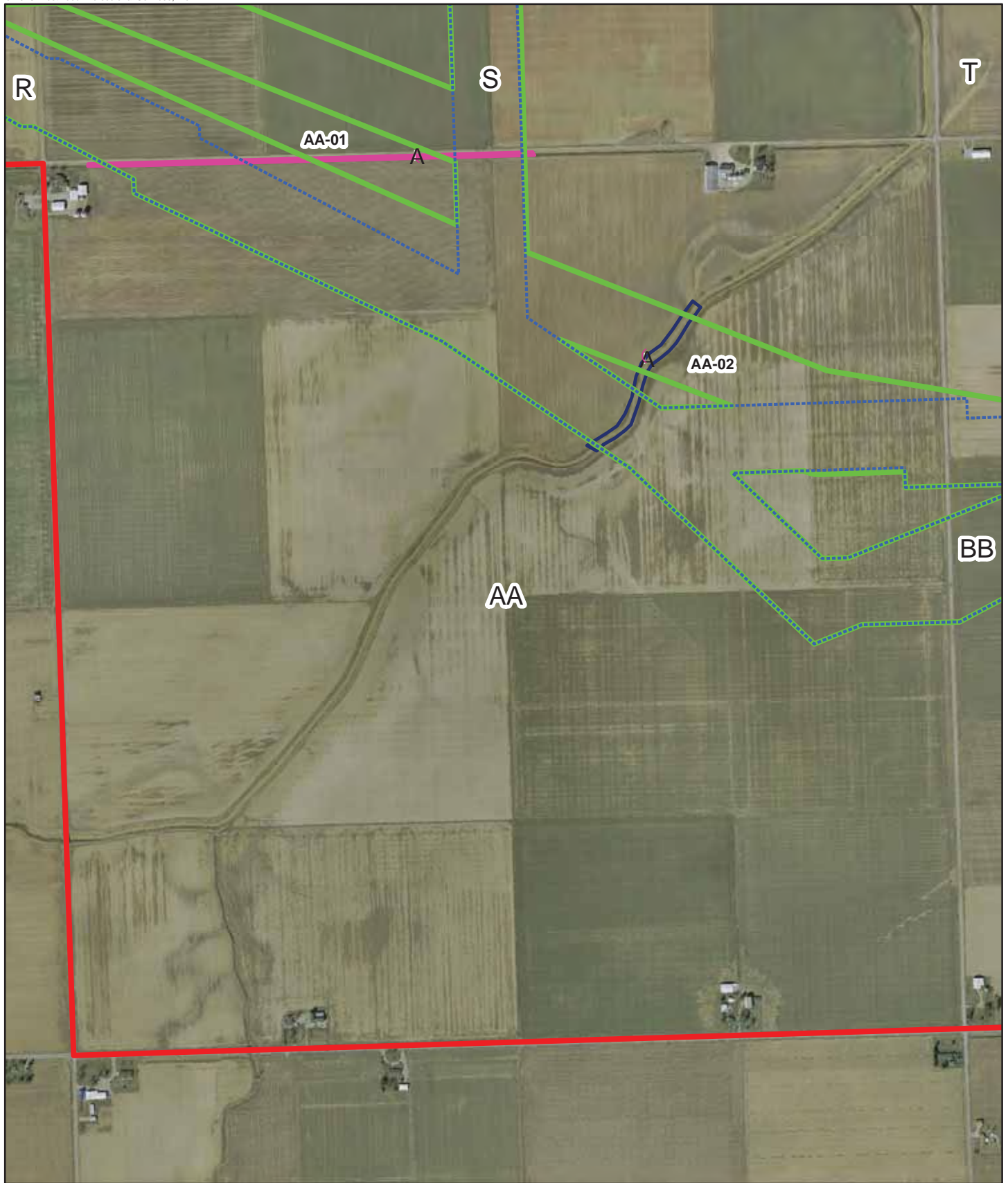
### Legend

- ( ) Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
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Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)



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**Legend**

- ( Upland Sample Point
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- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

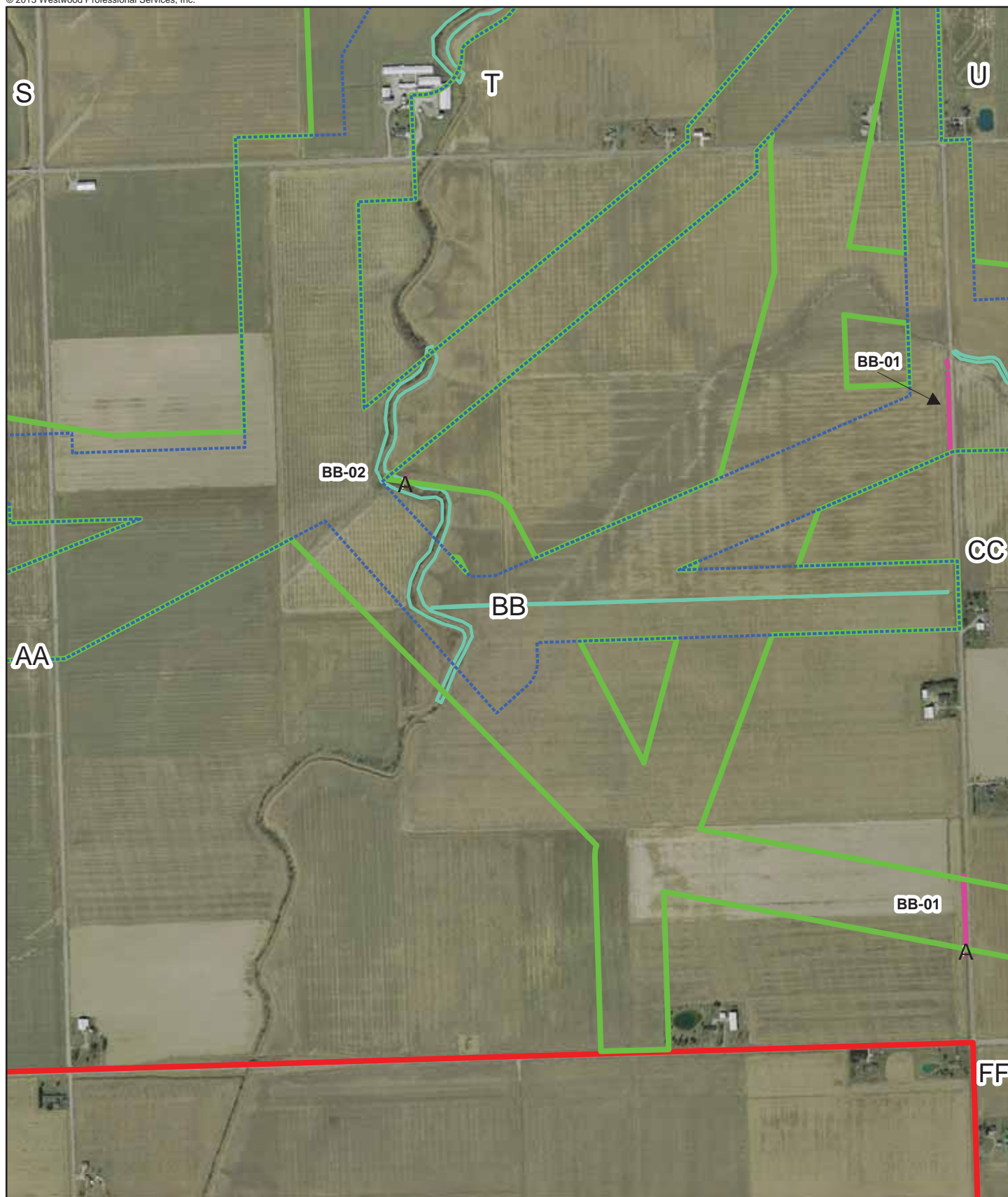
# Northwest Ohio Wind Project

Paulding County, Ohio

## Wetland Delineation Boundary Map



EXHIBIT 8 AA



Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)

#### Legend

- ( ) Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

## Northwest Ohio Wind Project

Paulding County, Ohio

### Wetland Delineation Boundary Map

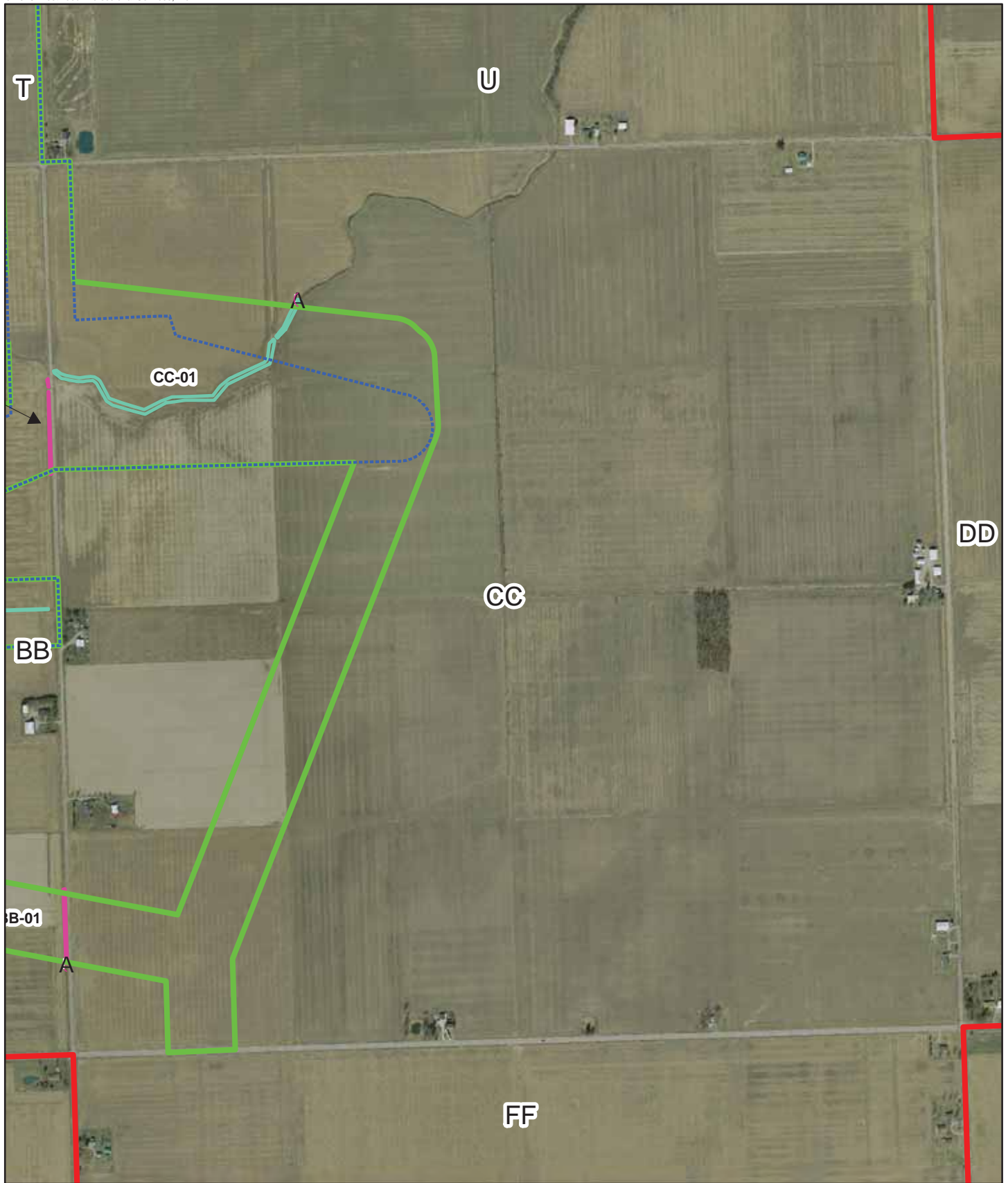


EXHIBIT 8 BB



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Data Source(s): Westwood Field GPS Data (2013), Paulding County 2012 DOQ (Accessed 2013)

# Northwest Ohio Wind Project

Paulding County, Ohio

## Wetland Delineation Boundary Map

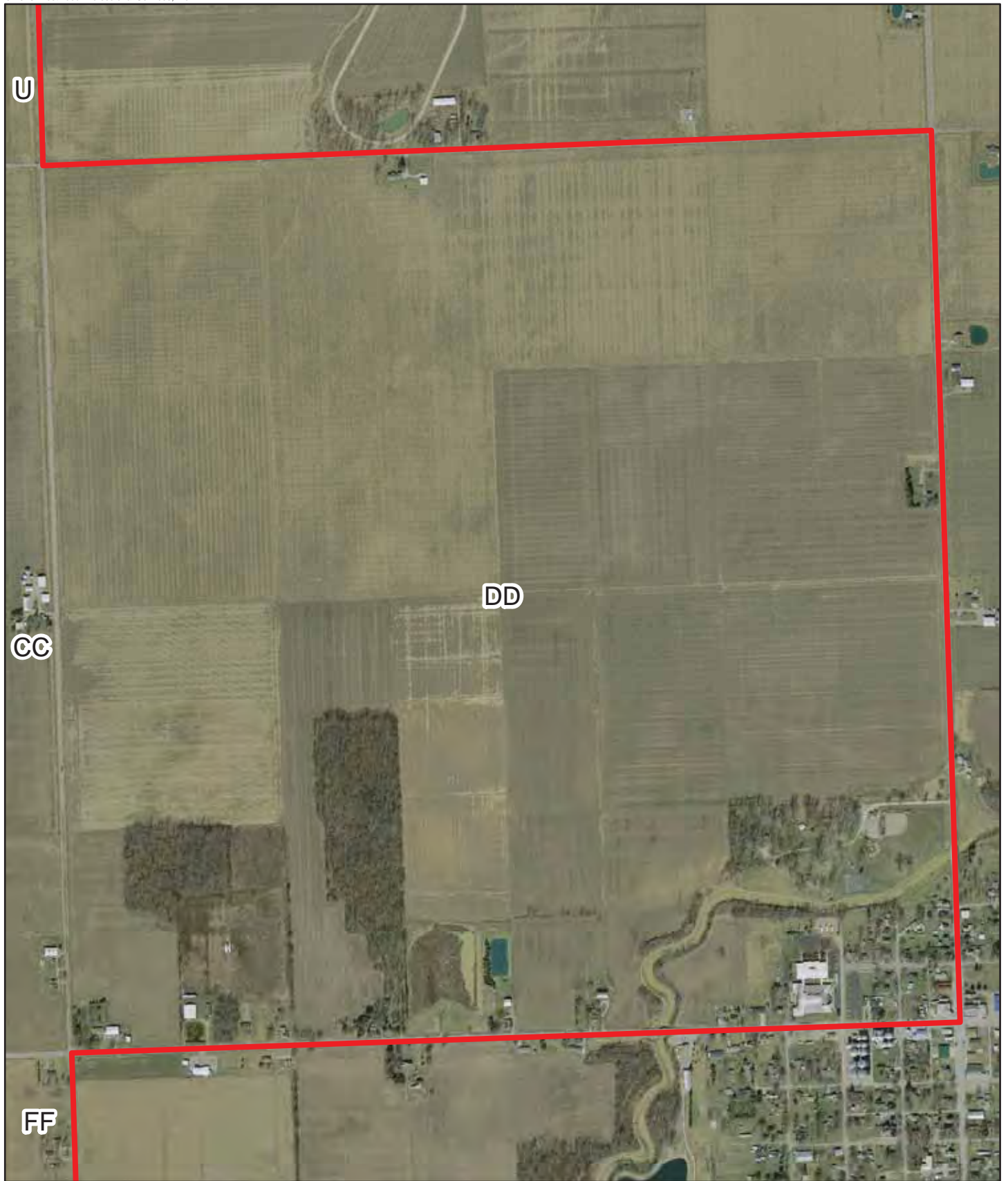
EXHIBIT 8 CC

### Legend

- ( ) Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
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Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)



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**Legend**

- ( Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
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- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

# Northwest Ohio Wind Project

Paulding County, Ohio

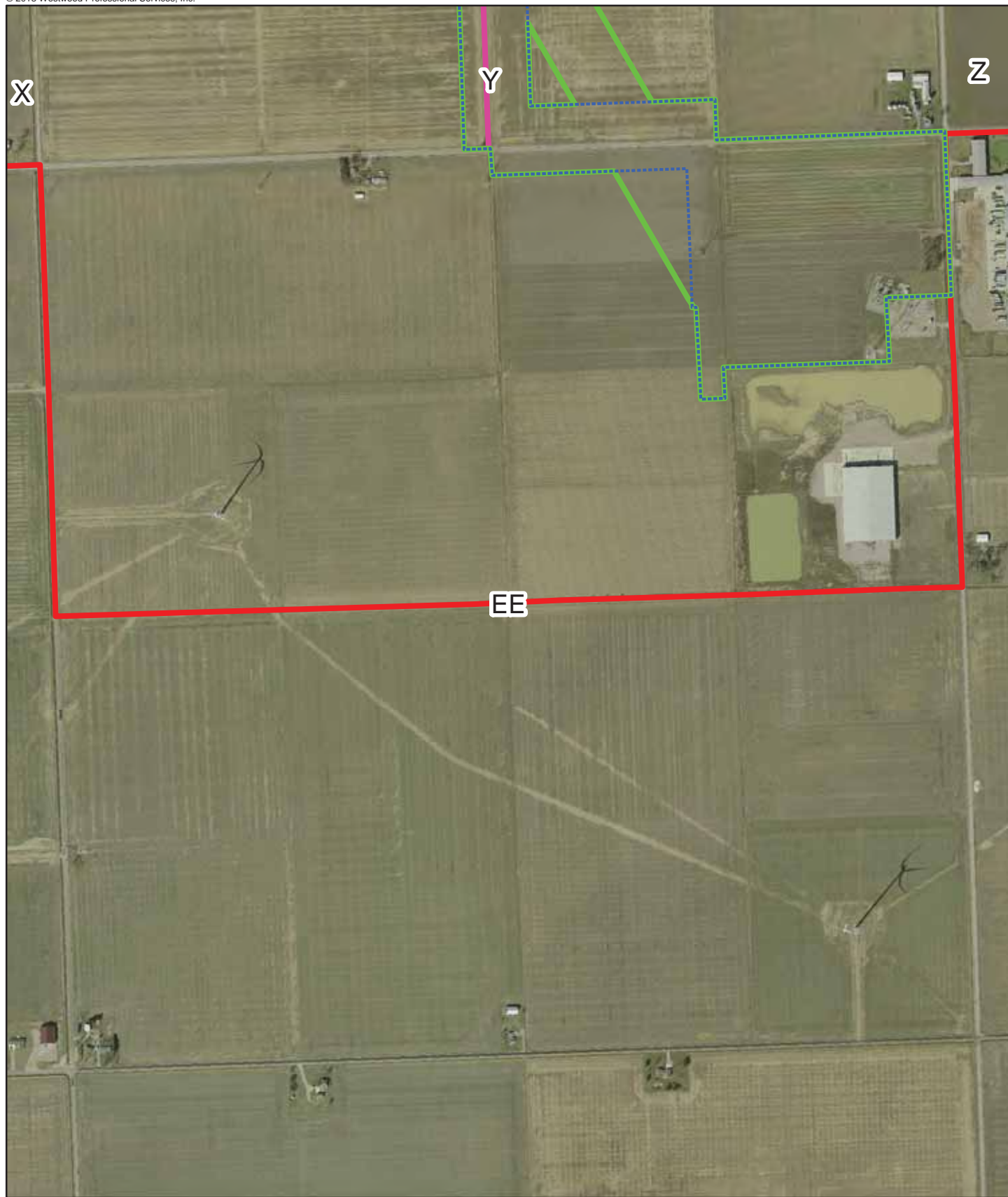
## Wetland Delineation Boundary Map



0 1,000 Feet

EXHIBIT 8 DD





Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)

#### Legend

- ( Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

## Northwest Ohio Wind Project

Paulding County, Ohio

### Wetland Delineation Boundary Map

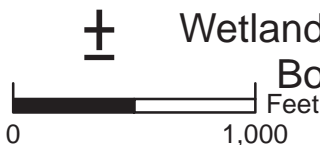
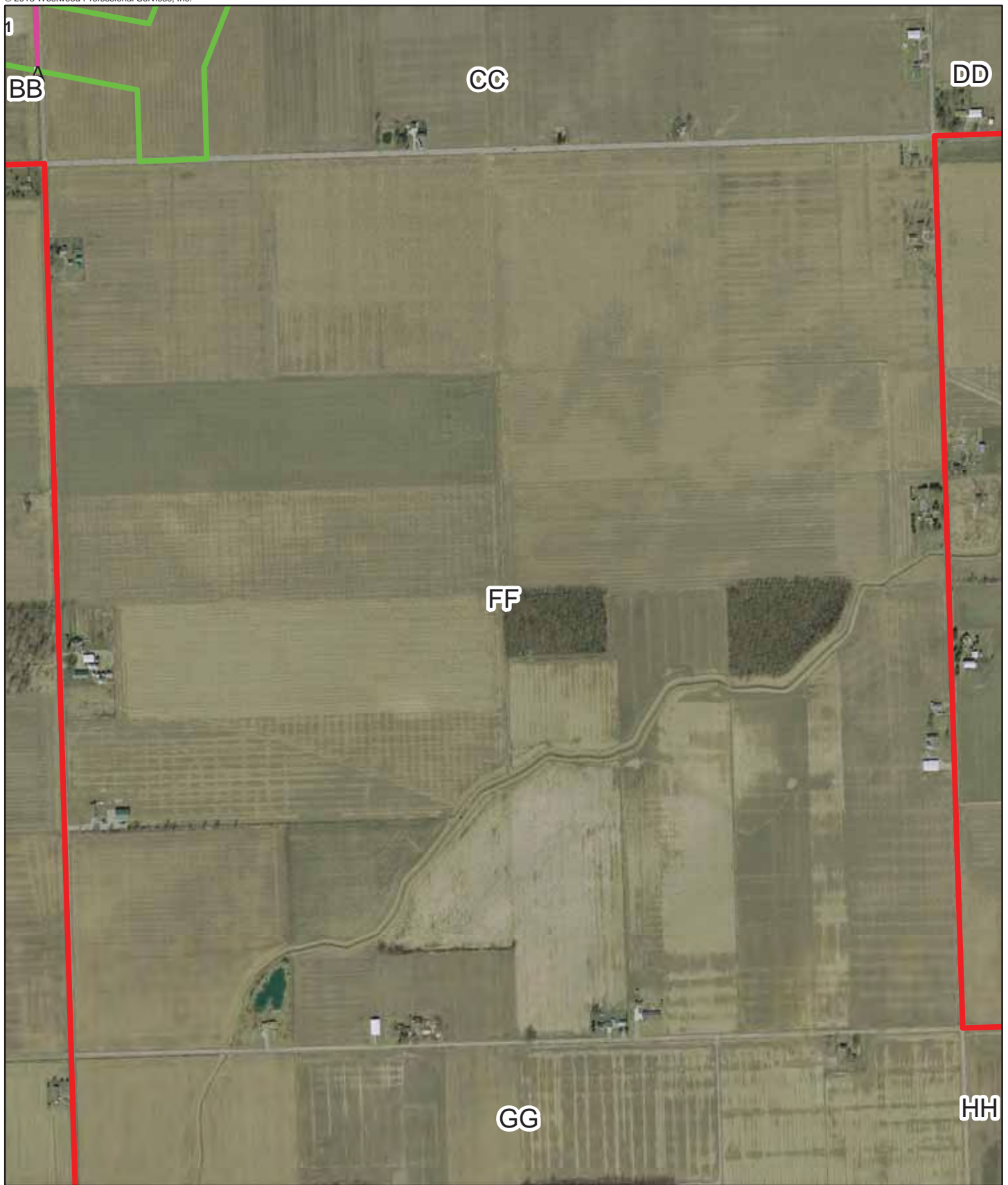


EXHIBIT 8 EE



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Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)



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**Legend**

- ( Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

# Northwest Ohio Wind Project

Paulding County, Ohio

## Wetland Delineation Boundary Map



EXHIBIT 8 FF





Data Source(s): Westwood Field GPS Data ( 2013), Paulding County 2012 DOQ (Accessed 2013)

# Northwest Ohio Wind Project

Paulding County, Ohio

## Wetland Delineation Boundary Map

EXHIBIT 8 GG

### Legend

- ( Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland



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Data Source(s): Westwood Field GPS Data (2013), Paulding County 2012 DOQ (Accessed 2013)



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**Legend**

- ( Upland Sample Point
- A Wetland Sample Point
- Exhibit 8 Panel ID
- Current Proposed Corridor
- Overall Wetland Delineation Corridor
- Overall Project Boundary
- Non-Wetland Watercourse
- Type 2 Wetland within Creek
- Type 2 Wetland within Ditch
- Type 7 Wooded Wetland

# Northwest Ohio Wind Project

Paulding County, Ohio

## Wetland Delineation Boundary Map



EXHIBIT 8 HH



# **Appendix A**

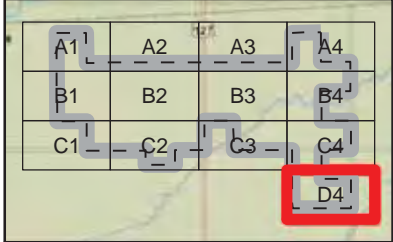
## **Site Layout**



Data Source(s): Ohio Department of Transportation (2011),  
OGRIP/GIS Support Center (2011),  
Ohio Statewide Imagery Program (2012),  
National Wind (2013) and Westwood Professional Services, Inc. (2013)



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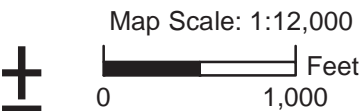


**Legend**

- Wind Turbine
- Met Tower
- Underground Collection Line
- Access Road
- Crane Path
- Disturbance Area Outline
- Road
- Laydown / O&M
- Step-Up Facility
- Project Boundary
- City Boundary
- Township Boundary
- County Boundary

# Northwest Ohio Wind Energy

Paulding County, Ohio



Site Layout  
Figure 3-1,D4

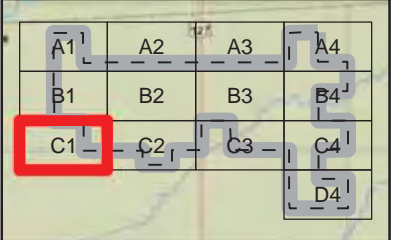




Data Source(s): Ohio Department of Transportation (2011),  
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**Legend**

- Wind Turbine
- Met Tower
- Underground Collection Line
- Access Road
- Crane Path
- Disturbance Area Outline
- Road
- Laydown / O&M
- Step-Up Facility
- Project Boundary
- City Boundary
- Township Boundary
- County Boundary

# Northwest Ohio Wind Energy

Paulding County, Ohio

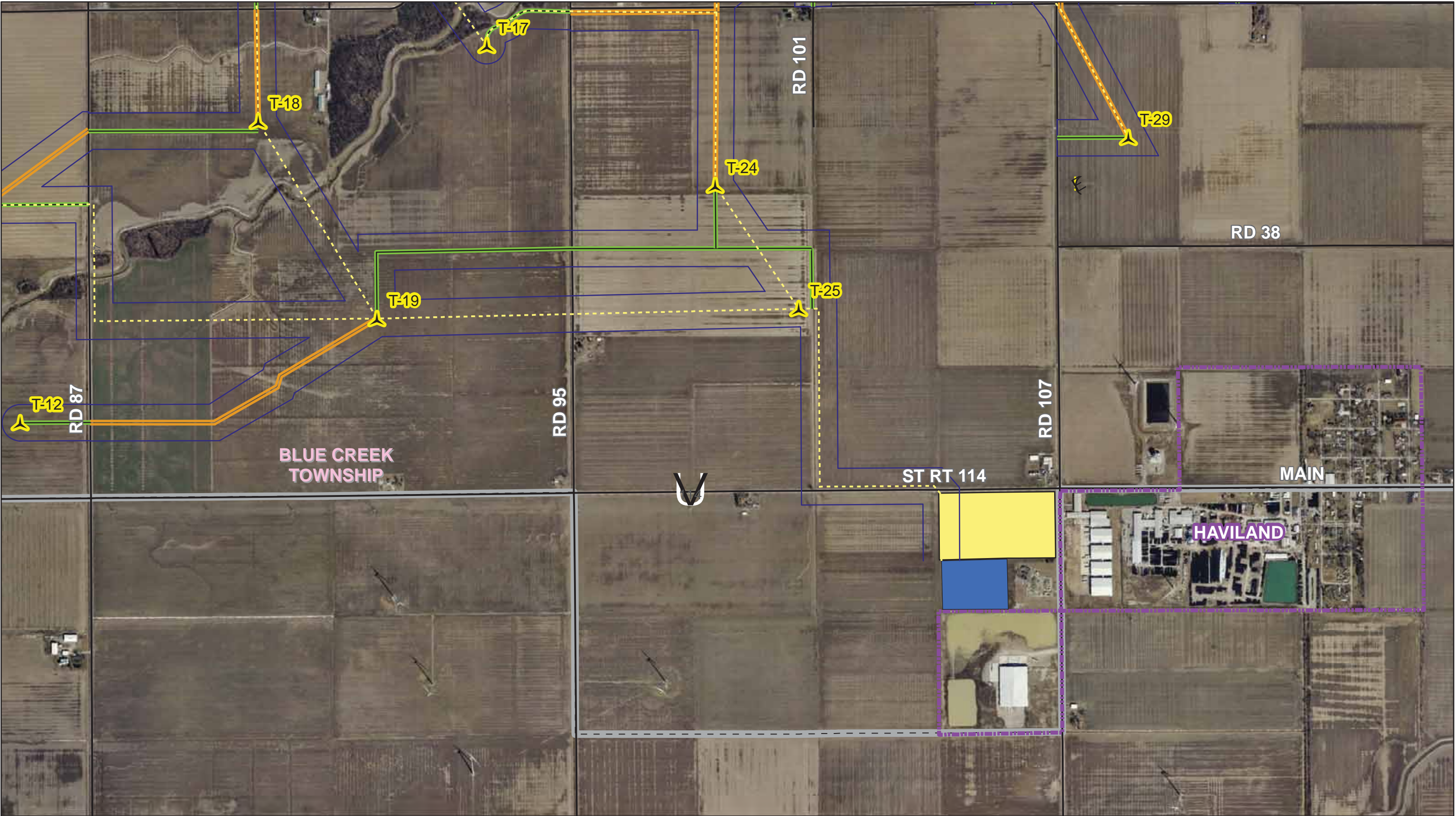
## Site Layout

Figure 3-1,C1

Map Scale: 1:12,000

0 1,000 Feet

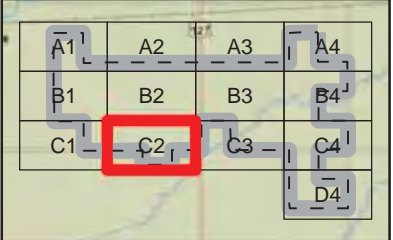




Data Source(s): Ohio Department of Transportation (2011),  
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**Legend**

- Wind Turbine
- Met Tower
- Underground Collection Line
- Access Road
- Crane Path
- Disturbance Area Outline
- Road
- Laydown / O&M
- Step-Up Facility
- Project Boundary
- City Boundary
- Township Boundary
- County Boundary

# Northwest Ohio Wind Energy

Paulding County, Ohio

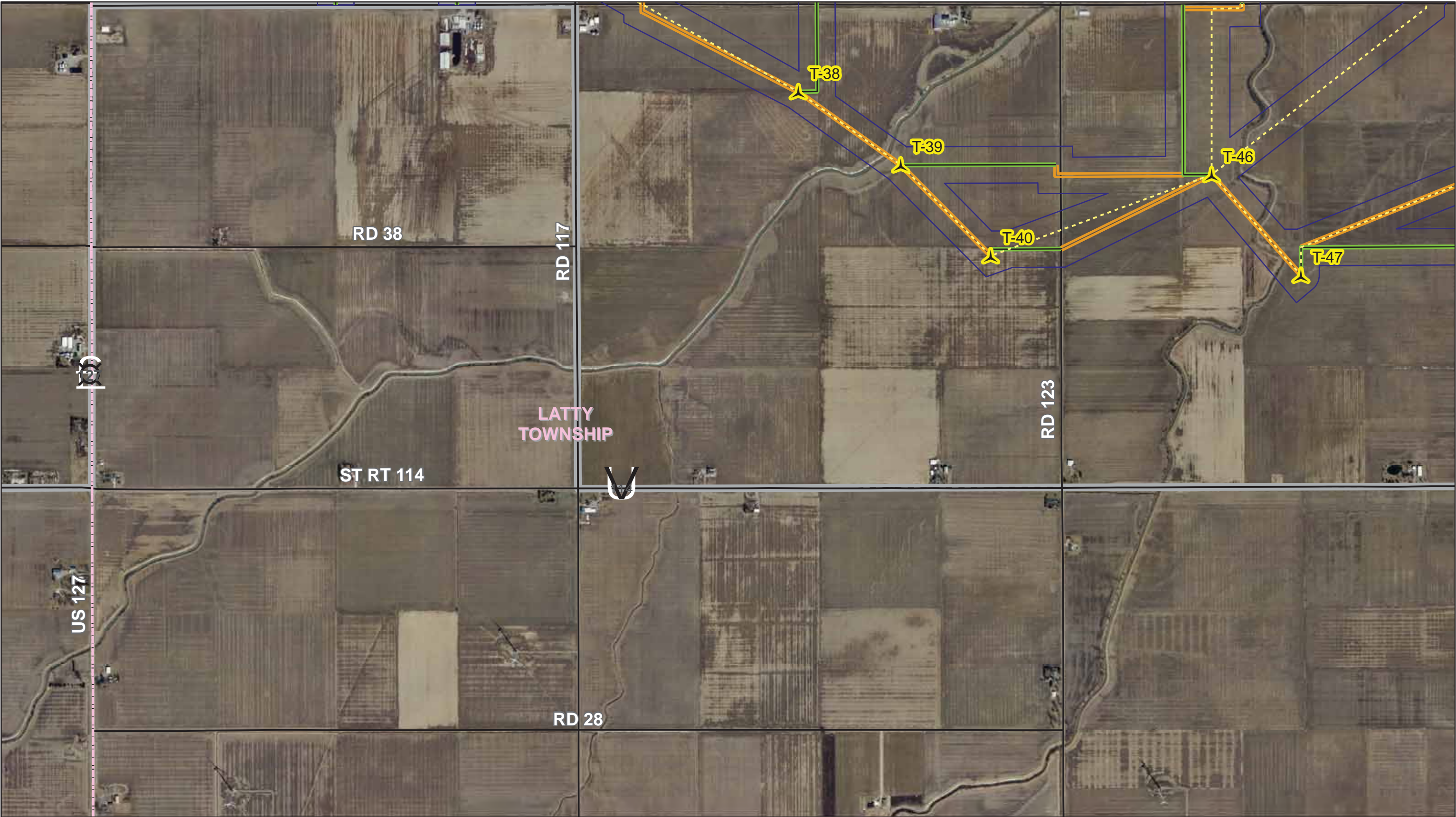
## Site Layout

Figure 3-1,C2

Map Scale: 1:12,000

0 1,000 Feet

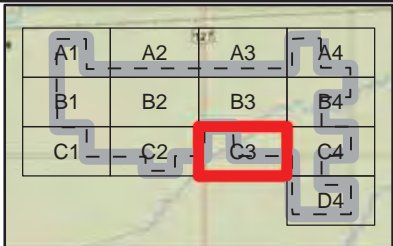




Data Source(s): Ohio Department of Transportation (2011),  
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**Legend**

- |                             |                          |                   |
|-----------------------------|--------------------------|-------------------|
| Wind Turbine                | Disturbance Area Outline | Project Boundary  |
| Met Tower                   | Road                     | City Boundary     |
| Underground Collection Line | Laydown / O&M            | Township Boundary |
| Access Road                 | Step-Up Facility         | County Boundary   |
| Crane Path                  |                          |                   |

# Northwest Ohio Wind Energy

Paulding County, Ohio

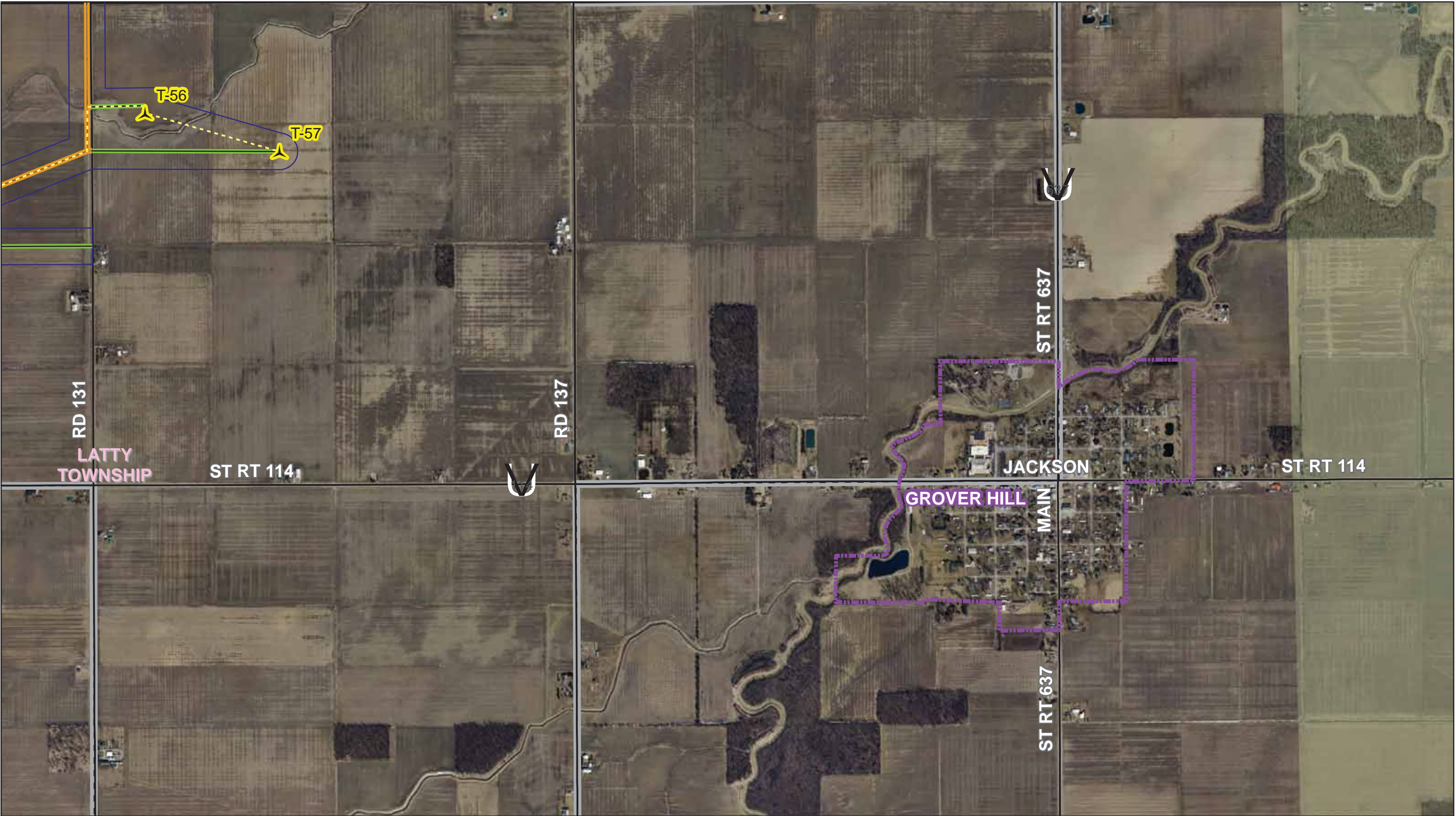
## Site Layout

Figure 3-1,C3

Map Scale: 1:12,000

0 1,000 Feet

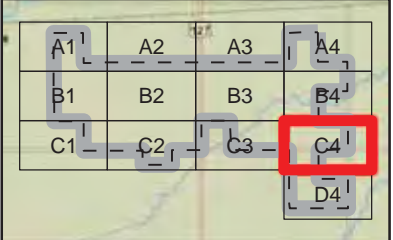
















Data Source(s): Ohio Department of Transportation (2011),  
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**Legend**

-  Wind Turbine
-  Met Tower
-  Underground Collection Line
-  Access Road
-  Crane Path
-  Disturbance Area Outline
-  Laydown / O&M
-  Step-Up Facility
-  Project Boundary
-  City Boundary
-  Township Boundary
-  County Boundary

# Northwest Ohio Wind Energy

Paulding County, Ohio

## Site Layout

Figure 3-1,C4

Map Scale: 1:12,000



0 1,000 Feet



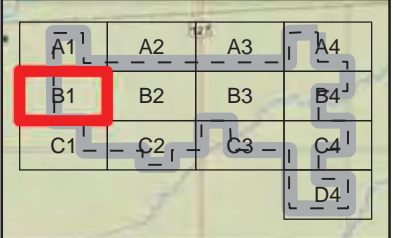




Data Source(s): Ohio Department of Transportation (2011),  
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**Legend**

- Wind Turbine
- Met Tower
- Underground Collection Line
- Access Road
- Crane Path
- Disturbance Area Outline
- Road
- Laydown / O&M
- Step-Up Facility
- Project Boundary
- City Boundary
- Township Boundary
- County Boundary

# Northwest Ohio Wind Energy

Paulding County, Ohio

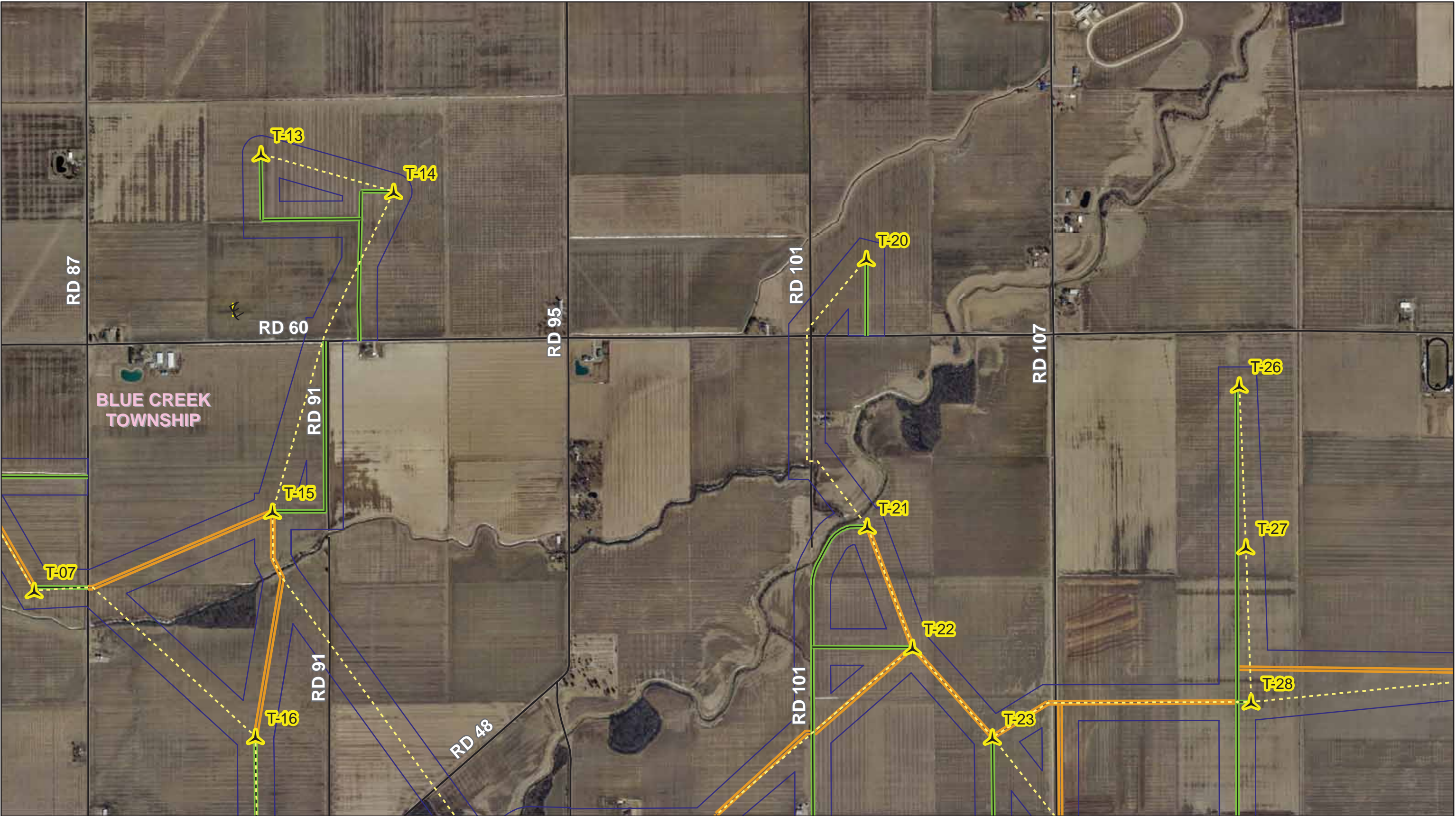
## Site Layout

Figure 3-1,B1

Map Scale: 1:12,000

0 1,000 Feet

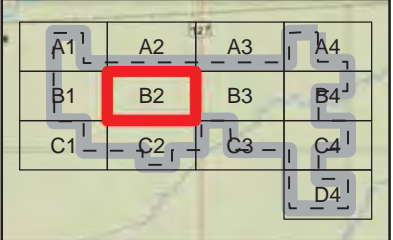




Data Source(s): Ohio Department of Transportation (2011),  
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**Legend**

- Wind Turbine
- Met Tower
- Underground Collection Line
- Access Road
- Crane Path
- Disturbance Area Outline
- Road
- Laydown / O&M
- Step-Up Facility
- Project Boundary
- City Boundary
- Township Boundary
- County Boundary

# Northwest Ohio Wind Energy

Paulding County, Ohio

## Site Layout

Figure 3-1,B2

Map Scale: 1:12,000

0 1,000 Feet





Data Source(s): Ohio Department of Transportation (2011),  
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A1	A2	A3	A4
B1	B2	B3	B4
C1	C2	C3	C4
			D4

- Legend**

  - Wind Turbine
  - Met Tower
  - Underground Collection Line
  - Access Road
  - Crane Path
- Disturbance Area Outline
  - Road
  - Laydown / O&M
  - Step-Up Facility
- Project Boundary
  - City Boundary
  - Township Boundary
  - County Boundary

# Northwest Ohio Wind Energy

Paulding County, Ohio

## Site Layout

Figure 3-1,B3

Map Scale: 1:12,000

0 1,000 Feet

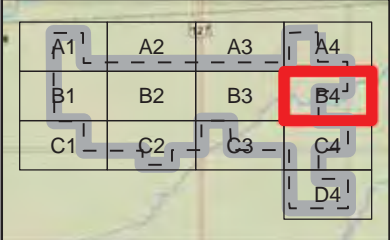

















Data Source(s): Ohio Department of Transportation (2011),  
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**Legend**

-  Wind Turbine
-  Met Tower
-  Underground Collection Line
-  Access Road
-  Crane Path
-  Disturbance Area Outline
-  Road
-  Laydown / O&M
-  Step-Up Facility
-  Project Boundary
-  City Boundary
-  Township Boundary
-  County Boundary

# Northwest Ohio Wind Energy

Paulding County, Ohio

## Site Layout

Figure 3-1,B4

Map Scale: 1:12,000

0 1,000 Feet



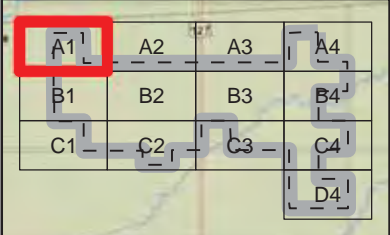




Data Source(s): Ohio Department of Transportation (2011),  
OGRIP/GIS Support Center (2011),  
Ohio Statewide Imagery Program (2012),  
National Wind (2013) and Westwood Professional Services, Inc. (2013)



**Westwood Professional Services, Inc.**  
7699 Anagram Drive  
Eden Prairie, MN 55344  
PHONE 952-937-5150  
FAX 952-937-5822  
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www.westwoodps.com

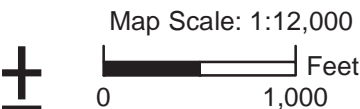


**Legend**

- Wind Turbine
- Met Tower
- Underground Collection Line
- Access Road
- Crane Path
- Disturbance Area Outline
- Road
- Laydown / O&M
- Step-Up Facility
- Project Boundary
- City Boundary
- Township Boundary
- County Boundary

# Northwest Ohio Wind Energy

Paulding County, Ohio



Site Layout  
Figure 3-1,A1

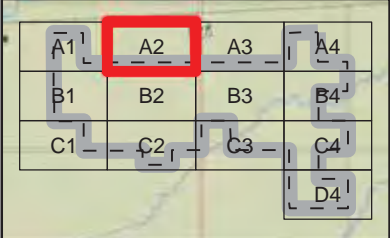
















Data Source(s): Ohio Department of Transportation (2011),  
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**Legend**

-  Wind Turbine
-  Met Tower
-  Underground Collection Line
-  Access Road
-  Crane Path
-  Disturbance Area Outline
-  Laydown / O&M
-  Step-Up Facility
-  Project Boundary
-  City Boundary
-  Township Boundary
-  County Boundary

# Northwest Ohio Wind Energy

Paulding County, Ohio

## Site Layout

Figure 3-1,A2

Map Scale: 1:12,000



0 1,000 Feet

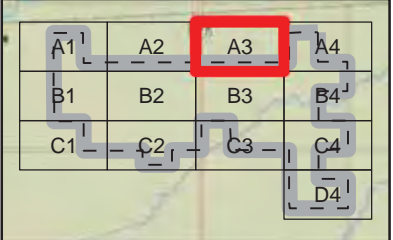




Data Source(s): Ohio Department of Transportation (2011),  
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**Legend**

- Wind Turbine
- Met Tower
- Underground Collection Line
- Access Road
- Crane Path
- Disturbance Area Outline
- Road
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- Step-Up Facility
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- City Boundary
- Township Boundary
- County Boundary


# Northwest Ohio Wind Energy

Paulding County, Ohio

## Site Layout

Figure 3-1,A3

Map Scale: 1:12,000



0 1,000 Feet

**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

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**in**

**Case No(s). 13-0197-EL-BGN**

Summary: Amended Application Appendix M (Weland Delineation Report) Part 1 of 4  
electronically filed by Teresa Orahod on behalf of Sally Bloomfield for Northwest Ohio Wind  
Energy, LLC