

April 28, 2025

Ms. Tanowa Troupe, Secretary
Ohio Power Siting Board
Docketing Division
180 East Broad Street, 11th Floor
Columbus, OH 43215-3797

Re: Third Amendment Application

Case No. 25-495-EL-BGA

In the Matter of the Application of Firelands Wind, LLC for a Third
Amendment to its Certificate Issued in Case No. 18-1607-EL-BGN,
As Amended.

Dear Ms. Troupe:

Accompanying this letter is an application by Firelands Wind, LLC (“Applicant”) for a Third Amendment to its Certificate of Environmental Compatibility and Public Need issued in Case No. 18-1607-EL-BGN, as amended (“Facility”). This Amendment seeks to make some minor engineering adjustments to certain Facility components. This Amendment is being electronically filed.

In accordance with Ohio Adm.Code 4906-2-04, we make the following declarations:

Name of the Applicant:

Firelands Wind, LLC,
an indirectly owned subsidiary of Apex Clean Energy Holdings, LLC
122 East Main Street
Bellevue, Ohio 44811

Name and location of the Facility:

Emerson Creek Wind Farm
Groton, Oxford, Lyme, Ridgefield, Sherman, Norwich, and Richmond
Townships
Huron and Erie Counties, Ohio

Ms. Tanowa Troupe
Firelands Wind, LLC
Third Amendment Application
Case No. 25-495-EL-BGA
Page 2

Name of authorized representative:

Christine M.T. Pirik
Dickinson Wright PLLC
180 East Broad Street, Suite 3400
Columbus, Ohio, 43215
614-595-6851
CPirik@dickinsonwright.com

Notarized Statement:

See attached Affidavit of Scott Koziar
Executive Vice President of Development, Firelands Wind, LLC

Very truly yours,



Christine M.T. Pirik

Cc:

Mike Williams
Jon Pawley
Grant Zeto

4857-1602-1469 [59714-18]

**BEFORE THE
OHIO POWER SITING BOARD**

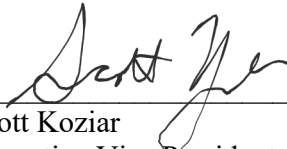
In the Matter of the Application of Firelands Wind,)
LLC for a Third Amendment to its Certificate Issued) Case No. 25-495-EL-BGA
in Case No. 18-1607-EL-BGN, As Amended.)

AFFIDAVIT OF SCOTT KOZIAR OF FIRELANDS WIND, LLC

STATE OF VIRGINIA :
 : ss
COUNTY OF ALBEMARLE :

I, Scott Koziar, being duly sworn and cautioned, state that I am over 18 years of age and competent to testify to the matters stated in this affidavit and further state the following based on my personal knowledge:

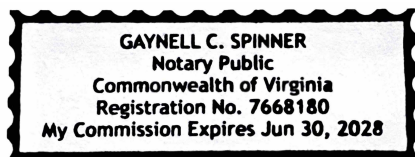
1. I am the Executive Vice President of Development of Firelands Wind, LLC, which is an indirectly owned subsidiary of Apex Clean Energy Holdings, LLC.
2. I have reviewed Firelands Wind, LLC's Application for a Third Amendment to its Certificate of Environmental Compatibility and Public Need for the Emerson Creek Wind Facility issued in Case No. 18-1607-EL-BGN, as amended.
3. To the best of my knowledge, information, and belief the information and materials contained in the above-referenced Application are true and accurate.
4. To the best of my knowledge, information, and belief the above-referenced Application is complete.




Scott Koziar
Executive Vice President of
Development

Sworn to before and signed in my presence this __25__ day of April 2025.

4862-2930-0189 [59714-18]





Notary Public

IN THE MATTER OF THE APPLICATION OF FIRELANDS WIND, LLC FOR A THIRD AMENDMENT
TO ITS CERTIFICATE ISSUED IN CASE NUMBER 18-1607-EL-BGN

Emerson Creek Wind Farm

Townships of Groton, Oxford, Lyme, Ridgefield, Sherman, and Norwich
Huron and Erie Counties, Ohio

Case No. 25-495-EL-BGA

Prepared for:



c/o Firelands Wind, LLC
122 East Main Street
Bellevue, Ohio 44811
Contact: Jessica Walsh
Tel: 716-242-9754

Prepared by:



Environmental Design & Research,
Landscape Architecture, Engineering & Environmental Services, D.P.C.
5 E Long St, Suite 700
Columbus, OH 43215
edrdpc.com

April 2025

BACKGROUND AND PROCEDURAL OVERVIEW

Firelands Wind, LLC (the Applicant or Firelands), an indirectly owned subsidiary of Apex Clean Energy Holdings, LLC (Apex), holds a certificate from the Ohio Power Siting Board (OPSB or Board) to construct the Emerson Creek Wind Project (Project or Facility), a wind-powered electric generation facility proposed to be located on approximately 34,452 acres of leased land in Groton and Oxford Townships, Erie County, Ohio and Lyme, Ridgefield, Sherman, and Norwich Townships, Huron County, Ohio (the Project Area). The following is a summary of the OPSB application history for the Project.

Initial Application (18-1607-EL-BGN)

The initial application for a certificate of environmental compatibility and public need was filed with the OPSB on January 31, 2019, with supplements filed on March 18, April 11, July 10, and September 12, 2019, in case number 18-1607-EL-BGN (Initial Application). On September 11, 2020, the Applicant, the staff of the OPSB (OPSB Staff), Huron County, the City of Willard, Norwich and Richmond Townships, and local residents¹ filed a Joint Stipulation and Recommendation (Stipulation) in the Initial Application case. The OPSB issued its Opinion, Order, and Certificate (Certificate) in the Initial Application case on June 24, 2021, authorizing the Applicant to construct, operate, and maintain a 297.66-megawatt (MW) wind-powered electric generation facility in Erie and Huron Counties, subject to the conditions set forth in the Stipulation and the Certificate.

2021 Amendment (21-1055-EL-BGA)

On October 29, 2021, as supplemented on March 20, and July 26, 2023, the Applicant filed an application for an amendment to the Certificate, under case number 21-1055-EL-BGA (2021 Amendment). The 2021 Amendment addressed minor shifts in turbine locations, updated geotechnical information for select turbine locations, slight expansions of the Project Area as presented in the Initial Application, and minor modifications/engineering-level design shifts to collection lines and access roads. On August 25, 2023, the OPSB Staff issued its Staff Report of Investigation (2021 Staff Report) in the 2021 Amendment case. The OPSB issued its Order on Certificate in case number 21-1055-EL-BGA on November 16, 2023, approving the 2021 Amendment subject to the conditions set forth in the Certificate and the additional conditions recommended by the OPSB Staff in the 2021 Staff Report.

2024 Amendment (24-845-EL-BGA)

An application for a second amendment to the Certificate was filed with the OPSB on August 30, 2024, under case number 24-845-EL-BGA (2024 Amendment). The 2024 Amendment addressed minor shifts in 12 turbine locations, the addition of an approximately 1-mile access road, minor modifications/engineering-level design shifts to collection lines and access roads as a result of shifted turbine locations, additional landowner feedback, impact avoidance measures, and progression of the final Project design. On November 11, 2024, the OPSB Staff issued its Staff Report of Investigation (2024 Staff Report) in the 2024 Amendment case. The OPSB issued its Order on Certificate in case number 24-845-EL-BGA on January 16, 2025,

¹ Tom Yingling and Kevin Erf were the local residents that signed the Stipulation.

approving the 2024 Amendment subject to the conditions set forth in the Certificate as well as the additional conditions recommended by the OPSB Staff in the 2024 Staff Report.

2025 AMENDMENT SUMMARY

The purpose of this application (2025 Amendment) is to present minor revisions to the Facility layout as certificated in the Initial Application case and as amended in case numbers 21-1055-EL-BGA and 24-845-EL-BGA (collectively referred to as the Certificated Layout). This 2025 Amendment details the proposed revisions and compares the Certificated Layout to the Facility layout proposed herein. The Applicant is requesting minor revisions to the Certificated Layout that fall under one of two categories:

1. Amendments/modifications that do not result in any substantial change in impacts from those presented in the Certificated Layout. The proposed amendments/modifications include the replacement of three meteorological (met) towers with three LIDAR facilities. The Initial Application provided for inclusion of up to three free-standing, permanent met towers that would be constructed to the hub height of the turbines. In lieu of the permanent met towers, the Applicant proposes to install three LIDAR facilities. Specifications for the LIDAR facilities are included in Attachment 1. Each LIDAR facility will require an access road, an electric service and communication line, and a temporary monitoring mast, and will be approximately 197 feet in height. The footprint of the LIDAR facilities is shown on Sheets 1 through 3 of the attached figure set included in Attachment 2. The Applicant is requesting the flexibility to adjust the location of the LIDAR stations, and associated access roads and electric service and communication lines, within the "LIDAR Option Area" also shown on the attached figures. The temporary monitoring masts would be left in place for 3 to 6 months to validate data collected by the LIDAR facilities. The LIDAR facilities will be significantly less visible and have a smaller footprint compared to the met towers permitted in the Certificated Layout. The proposed LIDAR is a vertical profiling LIDAR system, fully classified by the International Electrotechnical Commission (IEC), that provides wind measurement data while having minimal impacts on the surrounding environment. This remote sensing technology allows for accurate vertical wind profiling without the need for a traditional meteorological mast.
2. Minor modifications/engineering-level design shifts to collection lines and access roads that will result in no substantial change in impacts compared to the Certificated Layout. These modifications are a result of additional landowner feedback, impact avoidance measures, and the progression of the final design.

The overall impacts of the proposed modifications do not substantially differ from those presented in the Certificated Layout, and the total footprint of the Facility will not exceed the footprint of the Certificated Layout, as described in Table 1. All proposed Facility modifications are within the Project Area. The proposed modifications are individually listed and briefly discussed in Table 2, and their locations are shown in the attached figure set (See Attachment 2). The Facility, including the modifications described in this 2025 Amendment, has been designed to accommodate impact avoidance or minimization, engineering considerations, and landowner requests. Due to the shifts in access roads and collection lines and the addition of LIDAR facilities in previously un-studied areas, an updated wetland and waterbody delineation

and additional archaeological surveys were conducted for these areas. The results of these analyses are summarized in this 2025 Amendment.

This 2025 Amendment does not change the documentation that was provided by the Applicant in support of the Certificate, including, but not limited to: the general purpose of the Facility, Applicant information, suitability of the site for the Facility, construction methods and sequence, Project area selection and site determination, electric grid interconnection, economic impact and public interaction, decommissioning, equipment safety and reliability, environmental and ecological impacts, water and geological impacts, ice throw, blade shear, compliance with air, water, and solid waste regulations, impacts to recreational areas, or visual impacts. In addition, this 2025 Amendment does not change the Applicant's commitment to comply with all Certificate conditions and the commitments set forth by the Applicant in its previous submittals to the OPSB for the Project.

IMPACTS OF MODIFIED FACILITY COMPONENTS

Table 1 summarizes the changes in impacts associated with the proposed modifications to access roads, collection lines, and the collection substation, as well as the replacement of met towers with LIDAR facilities. There is a significant reduction in impacts associated with collection lines and access roads, largely due to a reduction in turbines from 70 to 49. In addition, the collection substation, as shown on Attachment 2 Sheet 4, has decreased in size, which reduces the permanent footprint of the collection substation by 4.5 acres and avoids impacts to a wetland. Furthermore, there is a decrease in acreage associated with the addition of the LIDAR facilities, as the LIDAR facilities have a smaller footprint than the met towers permitted in the Certificated Layout.

Table 1. Overall Change in Impact

Facility Component	Certificated Layout	Proposed Layout	Change
Access Roads	205,164 feet	99,401 feet	-105,762 feet
Collection Lines	917,390 feet	626,497 feet	-290,893 feet
LIDAR Area ¹	0.18 acres	0.07 acres	-0.11 acres
Collection Substation	6.2 acres	1.7 acres	-4.5 acres

¹The Certificated Layout included three permanent meteorological towers, and assumed 0.06 acres of soil disturbance per tower. In comparison, the proposed LIDAR facilities are anticipated to have a footprint of 0.03 acres each.

Permanent impacts associated with the addition of LIDAR facilities include the footprint of the LIDAR structure itself, which is 10 m x 10 m, and the associated access road for each structure. Temporary impacts include the trenching for installation of the associated underground electric service and communication lines. These impacts are offset by the reduction in similar impacts associated with the permanent met towers that will not be installed, and are summarized in Table 2 below.

Impacts associated with new or adjusted access roads will largely be permanent, with minor additional temporary impacts associated with construction of the access roads. Individual impacts of each change are summarized in Table 2 below. While each change may represent an increase in impact on its own, such impacts will be offset by the reduction of similar impacts associated with access roads or access road

segments that will not be constructed because of the revisions. These overall impacts are summarized in Table 1 above.

Impacts associated with new or adjusted underground collection lines will be temporary. After trenching and installation of the collection line, the subsoil and topsoil will be replaced, and the trenched area will be restored as close to original condition as practicable. In areas where horizontal directional drilling (HDD) or boring techniques are used, the entrance and exit pits will be restored upon completion of the HDD or boring activities. Individual impacts of each change are summarized in Table 2 below. While each change may represent an increase in impact on its own, such impacts will be offset by the reduction of similar impacts associated with underground collection lines that will not be constructed because of the revisions. These overall impacts are summarized in Table 1 above.

Table 2. Description of Each Modification

Figure Sheet Number	Facility Component	Change in Distance from Non-Participant ¹	Change in Length or Area	Purpose/Description of Change	Survey Status	Originally Certificated
Amendments/Modifications						
1	LIDAR T14	+2,522.6 feet	-0.04 acres	Operational wind speed measurement	Delineations completed 4/17, file with OPSB week of 5/5	Certificate allows for 3 permanent met towers
	Access Road	+2,604.2 feet	+1,372.4 feet	Access to LIDAR unit		
	Underground Electric Service and Communication Line	+2,487.9 feet	+289.0 feet	Service to LIDAR unit	Archaeological field work 5/9, file with OPSB 5/23	
2	LIDAR T16	+2,985.3 feet	-0.04 acres	Operational wind speed measurement	Delineations completed 4/17, file with OPSB week of 5/5	Certificate allows for 3 permanent met towers
	Access Road	+3,265.3 feet	+1,014.9 feet	Access to LIDAR unit		
	Underground Electric Service and Communication Line	+3,086.0 feet	+1,288.7 feet	Service to LIDAR unit	Archaeological field work 5/9, file with OPSB 5/23	
3	LIDAR T70	+331.5 feet	-0.04 acres	Operational wind speed measurement	Delineations completed 4/17, file with OPSB week of 5/5	Certificate allows for 3 permanent met towers
	Access Road	+516.8 feet	+221.2 feet	Access to LIDAR unit		
	Underground Electric Service and Communication Line	+537.3 feet	+1,301.9 feet	Service to LIDAR unit	Archaeological field work 5/9, file with OPSB 5/23	
Minor Modifications/Engineering-Level Design Shifts						
4	Underground Collection	No change	+500 feet		Survey completed previously	Yes – 2024 Amendment Collection substation within permitted area
	Collection Substation	+141.5	-4.5 acres	Avoid wetlands		
5	Access Road	+651.9 feet	+269.3 feet	Stay within Huron County, where a Road Use and Maintenance Agreement (RUMA) will be in place.	Survey completed previously	Yes – Initial Application
6	Underground Collection	+88.4 feet	+4.1 feet	Avoid new residential driveway	Survey completed previously	Yes – 2021 Amendment

Table 2. Description of Each Modification

Figure Sheet Number	Facility Component	Change in Distance from Non-Participant ¹	Change in Length or Area	Purpose/Description of Change	Survey Status	Originally Certificated
7	Underground Collection	-7.04 feet	+1,788.6 feet	Adjust to parcel survey data	Survey completed previously	Yes – 2021 Amendment
8	Underground Collection	+15.0 feet	+7.1 feet	85 feet southwest	Survey completed previously	Yes – Initial Application
9	Underground Collection	No change	-1,294.9 feet	Shifted collection line route connecting T61 and T63a	Delineations completed 4/17, file with OPSB week of 5/5 Archaeological field work 5/9, file with OPSB 5/23	Yes – 2024 Amendment
10	Underground Collection	+9.0 feet	+45.9 feet	40 feet southeast	Survey completed previously	Yes – 2024 Amendment
11	Access Road	+47.7 feet	-6.6 feet	50 feet north	Survey completed previously	Yes – 2021 Amendment
12	Underground Collection	No change	+71.5 feet	Shifted to head east in between two previously permitted routes	Survey completed previously	Yes – 2021 Amendment
13	Underground Collection	-25.2 feet	+3.6 feet	30-foot shift southeast to reduce tree clearing	Survey completed previously	Yes – 2021 Amendment
14	Access Road Temporary access road will be removed post construction with laydown yard	+999.0 feet	+1,907.4	Requested by the contractor and Huron County and townships for safety reasons	Archaeological field work 5/9, file with OPSB 5/23	No
15	Access Road	-19.5 feet	-2.1	Landowner request to follow southern parcel line to avoid cutting through field	Survey completed previously	Yes – 2021 Amendment
16	Underground Collection	No change	+25.2 feet	Landowner request to avoid tile	Delineations completed 4/17, file with OPSB week of 5/5 Archaeological field work 5/9, file with OPSB 5/23	Yes – 2021 Amendment
17	Access Road	-7.9 feet	+24.8 feet	Landowner request to align with existing farm lane	Survey completed previously	Yes – 2021 Amendment

Table 2. Description of Each Modification

Figure Sheet Number	Facility Component	Change in Distance from Non-Participant ¹	Change in Length or Area	Purpose/Description of Change	Survey Status	Originally Certificated
18	Access Road	No change	+10.8 feet	Landowner request to run along ditch	Survey completed previously	Yes – 2021 Amendment
19	Underground Collection	+15.7 feet	-35.5 feet	Landowner request to follow tree line to avoid tile and provide more farm space	Survey completed previously	Yes – 2021 Amendment
	Access Road	+8.3 feet	-253.9 feet			
20	Underground Collection	No change	+10.7 feet	Landowner request to run collection line along access road	Survey completed previously	Yes – 2024 Amendment
21	Access Road	+8.3 feet	+119.3 feet	Landowner request provide more farm space	Survey completed previously	Yes – 2024 Amendment
22	Access Road	+38.7 feet	-3,870.9 feet	Shift access road entrance ~580 feet east. Landowner request to provide more farm space.	Archaeological field work 5/9, file with OPSB 5/23	Yes – 2021 Amendment

1. Distance in feet from nearest non-participating residence as measured from the approximate center of the residential structure.

SUMMARY OF ADDITIONAL STUDIES

The Applicant conducted wetland and stream delineations for all access road, collection line, and LIDAR locations that had not been previously studied. Field delineation work was conducted on April 16 and 17, 2025, and a final report is anticipated to be submitted to the OPSB by May 5, 2025. A total of three new wetlands were identified within the additional wetland and stream delineation areas; however, these wetlands are entirely avoided by Facility components. There were no new streams identified during the 2025 delineations. Therefore, there are no additional wetland or stream impacts as a result of this 2025 Amendment.

The potential for impacts to archaeological resources is being evaluated by conducting Phase I archaeological surveys for all areas where modified facilities are proposed to be located that have not been previously studied. Field work associated with archaeological surveys is anticipated to be completed in early May 2025, with a report anticipated to be issued in late May 2025. The Applicant will submit the report to Ohio State Historic Preservation Office (SHPO) for concurrence and file the report in the docket once it is complete. Once the Applicant receives concurrence from SHPO, the concurrence will be filed in the docket. The Applicant notes that its Programmatic Agreement with the SHPO has expired. However, as required in Condition 14 of the Certificate, the Applicant will continue to adhere to the terms of the Programmatic Agreement. The Applicant notes that it is currently working with the SHPO to develop a new Programmatic Agreement.

Attachment 1

ZX 300 WIND LIDAR

ZX 300 is a fully IEC Classified onshore vertical profiling Lidar with finance-grade data accepted by DNV.



ZX 300 VERTICAL PROFILER (#12869)

ZX 300M VERTICAL PROFILER (#14129)

MEASUREMENT SPECIFICATIONS

Wind Speed(WS) Accuracy	± 0.1 m/s	± 0.1 m/s
WS Range	< 1 m/s to 80 m/s	< 1 m/s to 80 m/s

SYSTEM GEOMETRY

Probe Length	<ul style="list-style-type: none">• ± 0.07m @ 10m• ± 7.70m @ 100m	<ul style="list-style-type: none">• ± 0.07m @ 10m• ± 7.70m @ 100m
Measurement Height Range	<ul style="list-style-type: none">• 10 - 300m (Lidar measurement)• 0 - 10m (onboard met weather station)	<ul style="list-style-type: none">• 10 - 300m (Lidar measurement)• 0 - 10m (onboard met weather station)
Number of Range Gates	<ul style="list-style-type: none">• 10 Lidar measurement heights• 1 additional met weather station measurement	<ul style="list-style-type: none">• 10 Lidar measurement heights• 1 additional met weather station measurement
Range Gate Heights	Configurable	Configurable

HARDWARE SPECIFICATIONS

ZX 300 VERTICAL PROFILER (#12869)**ZX 300M VERTICAL PROFILER (#14129)**

Warranty	5 years standard warranty	<ul style="list-style-type: none">3 years standard warrantyExtended warranties available
System Interval	36 months from new	36 months from new
Routine Maintenance	No annual maintenance or calibration within service interval	No annual maintenance or calibration within service interval
Dimensions	900mm x 900mm x 1,001mm (35.4" x 35.4" x 39.4")	900mm x 900mm x 1,001mm (35.4" x 35.4" x 39.4")
Weight	55kg	55kg

ELECTRICAL SPECIFICATIONS

Power Consumption	69W	69W
Supply Voltage	12V	12V

DATA SPECIFICATIONS

Data Sampling Rate	50 Hz (up to 50 measurement points every second)	50 Hz (up to 50 measurement points every second)
Averaging Interval	<ul style="list-style-type: none">True 1-second averaging10 minute averaging	<ul style="list-style-type: none">True 1-second averaging10 minute averaging

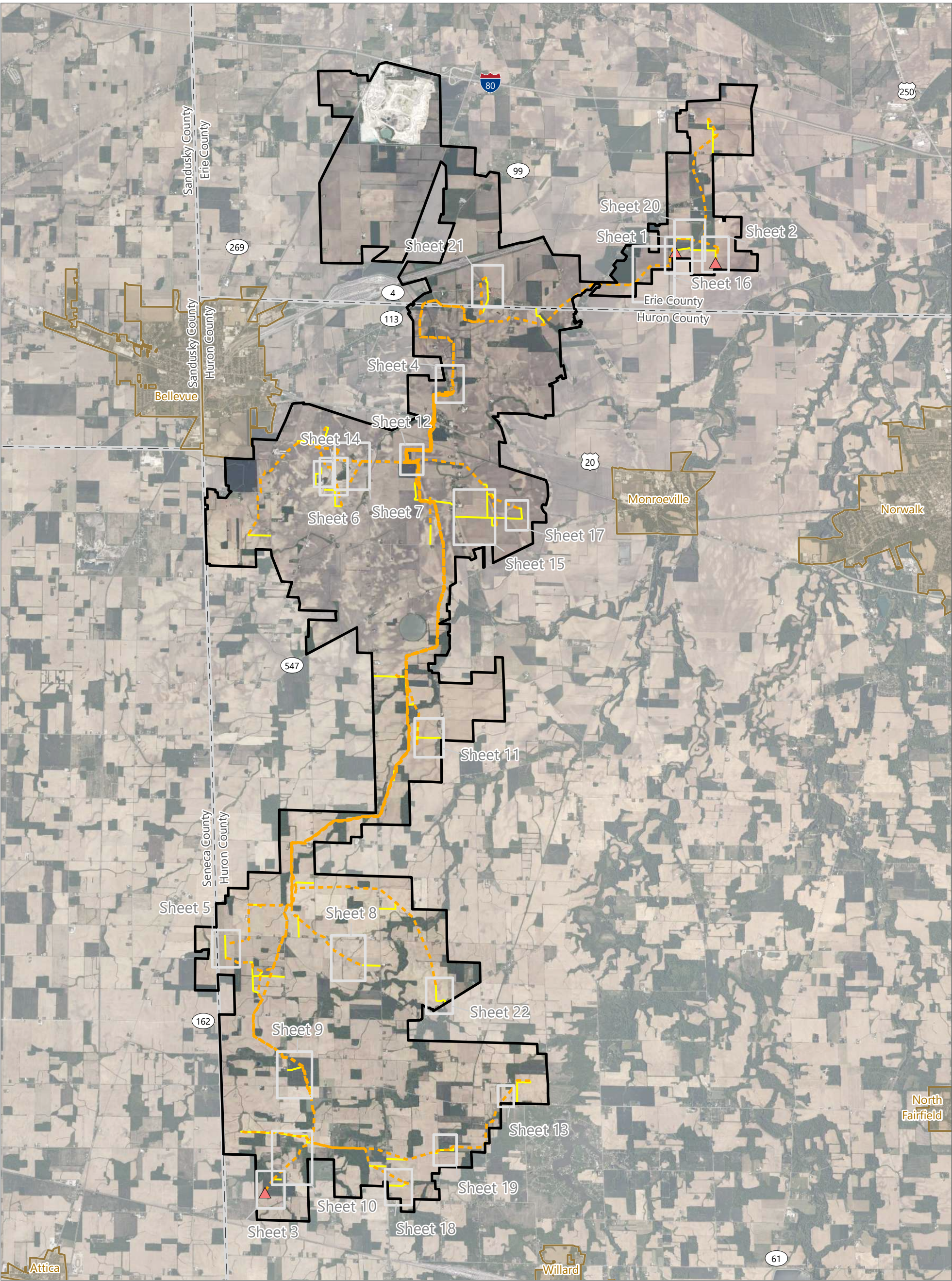
ENVIRONMENTAL SPECIFICATIONS

ZX 300 VERTICAL PROFILER (#12869)**ZX 300M VERTICAL PROFILER (#14129)**

Operating Temp Range	-40 to 50°C	-40 to 50°C
Ingress Protection	IP67	IP67

NRG Systems • 110 Riggs Road • Hinesburg, Vermont 05461 • +1 802-482-2255 • info@nrgsystems.com

Attachment 2



Emerson Creek
Erie and Huron Counties, Ohio

Certificate Amendment Application

Proposed Layout

LIDAR Unit Location

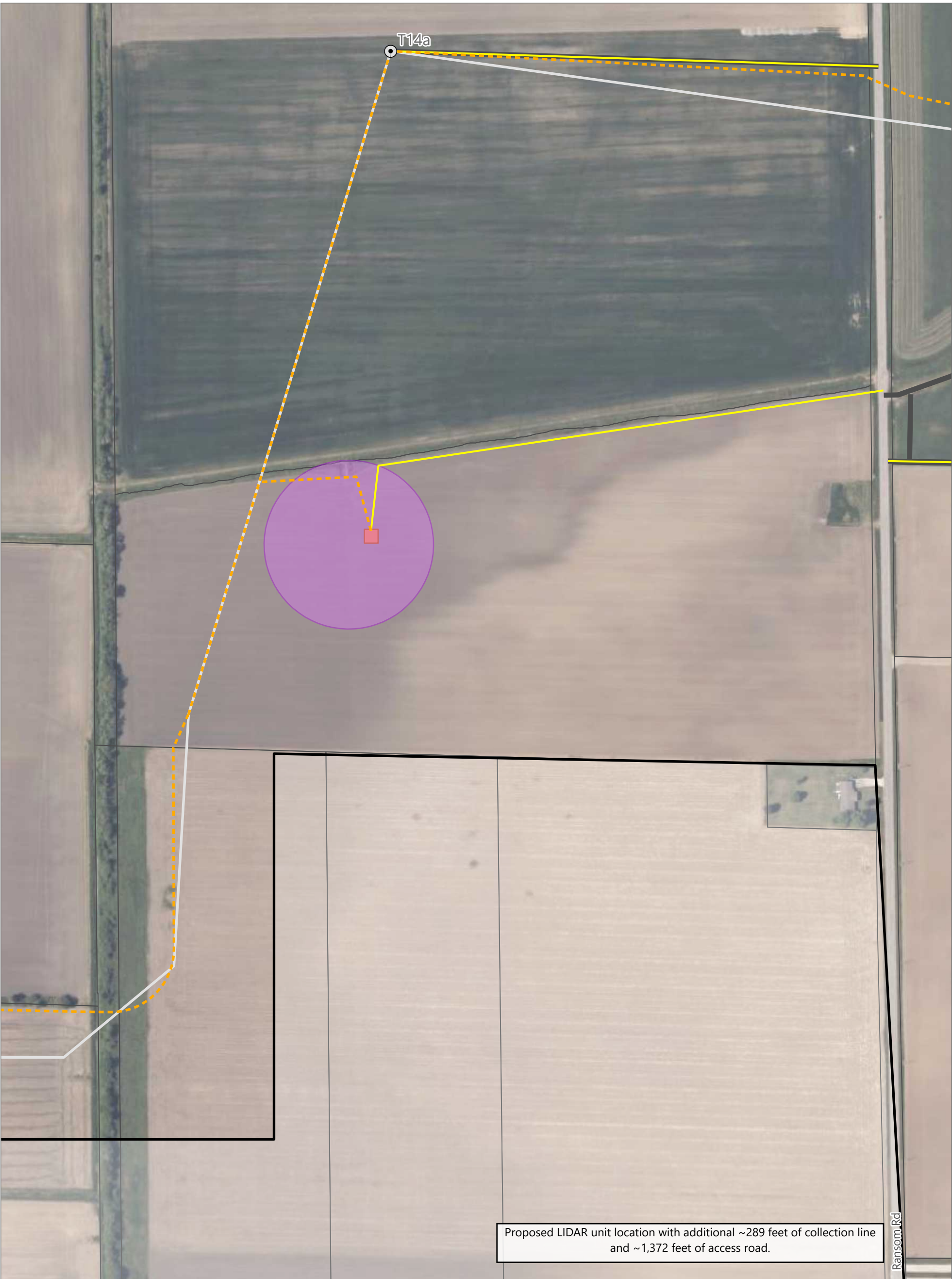
Collection Line

Access Road

Project Area

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Miles

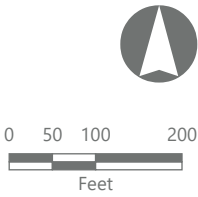
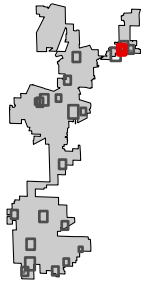


Emerson Creek
Erie and Huron Counties, Ohio

Certificate Amendment Application



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|------------------------|----------------------------|-----------------|
| Proposed Layout | Certificated Layout | Project Area |
| Collection Line | Wind Turbine | Parcel Boundary |
| Access Road | Collection Line | |
| LIDAR Unit | Access Road | |
| LIDAR Option Area | | |



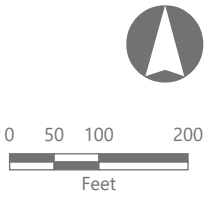
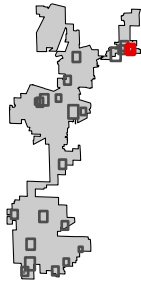


Emerson Creek
Erie and Huron Counties, Ohio

Certificate Amendment Application



- | | | |
|------------------------|----------------------------|-----------------|
| Proposed Layout | Certificated Layout | Project Area |
| Collection Line | Wind Turbine | Parcel Boundary |
| Access Road | Collection Line | |
| LIDAR Unit | Access Road | |
| LIDAR Option Area | | |



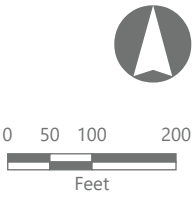
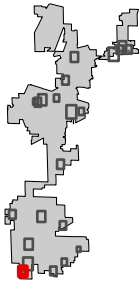


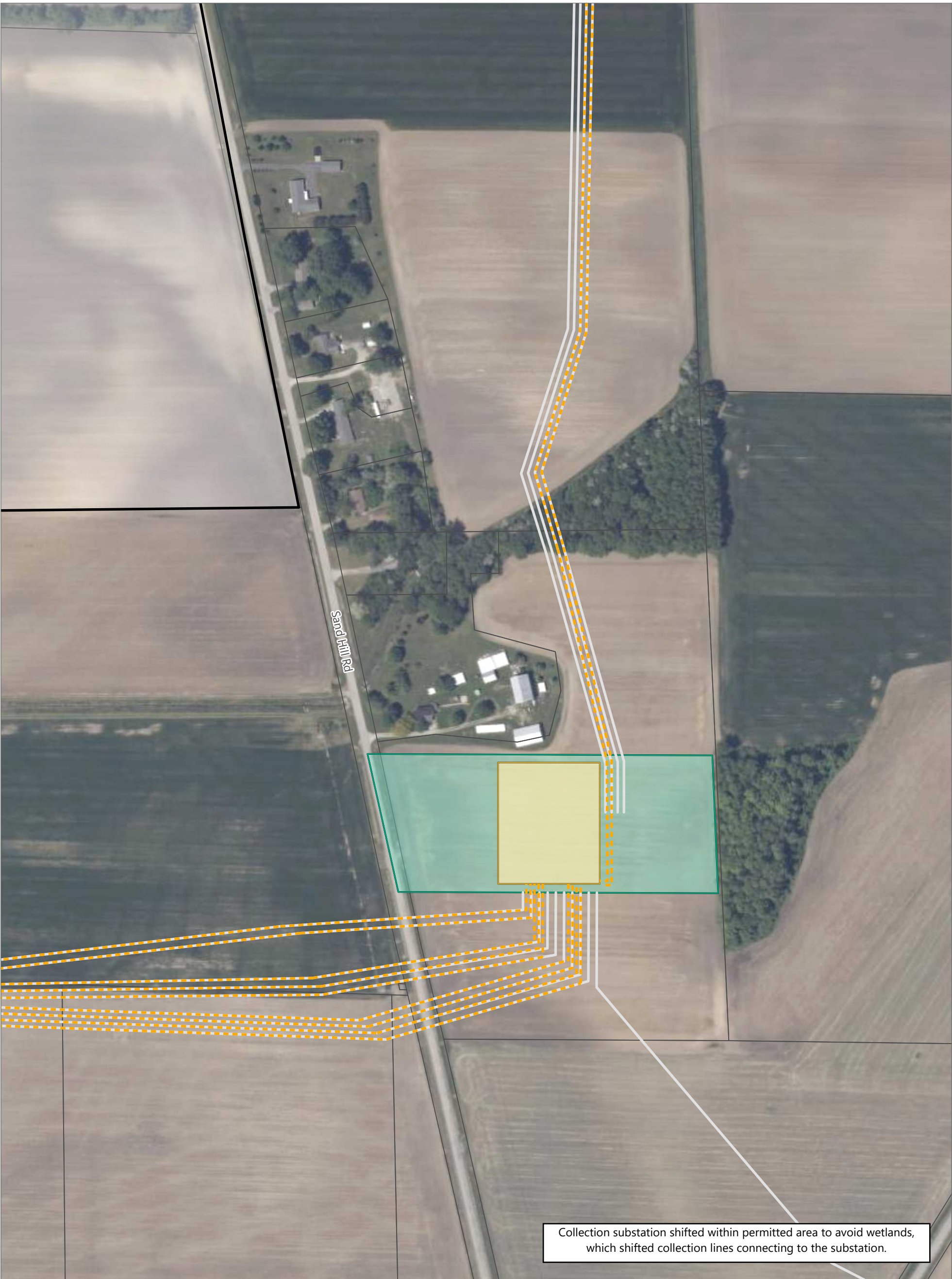
Emerson Creek
Erie and Huron Counties, Ohio

- Proposed Layout**

 - Collection Line
 - Access Road
 - LIDAR Unit
 - LIDAR Option Area
- Certificated Layout**

 - Wind Turbine
 - Collection Line
 - Access Road
- Parcel Boundary





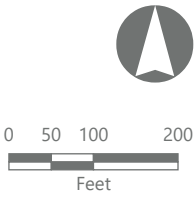
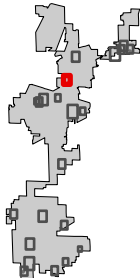
Emerson Creek
Erie and Huron Counties, Ohio

- Proposed Layout**

 - Collection Line
 - Collection Substation Footprint
- Certificated Layout**

 - Collection Line
 - Approved Collection Substation Area
- Legend**

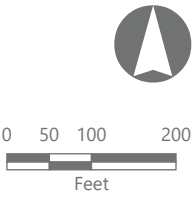
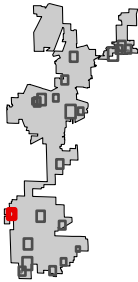
 - Project Area
 - Parcel Boundary

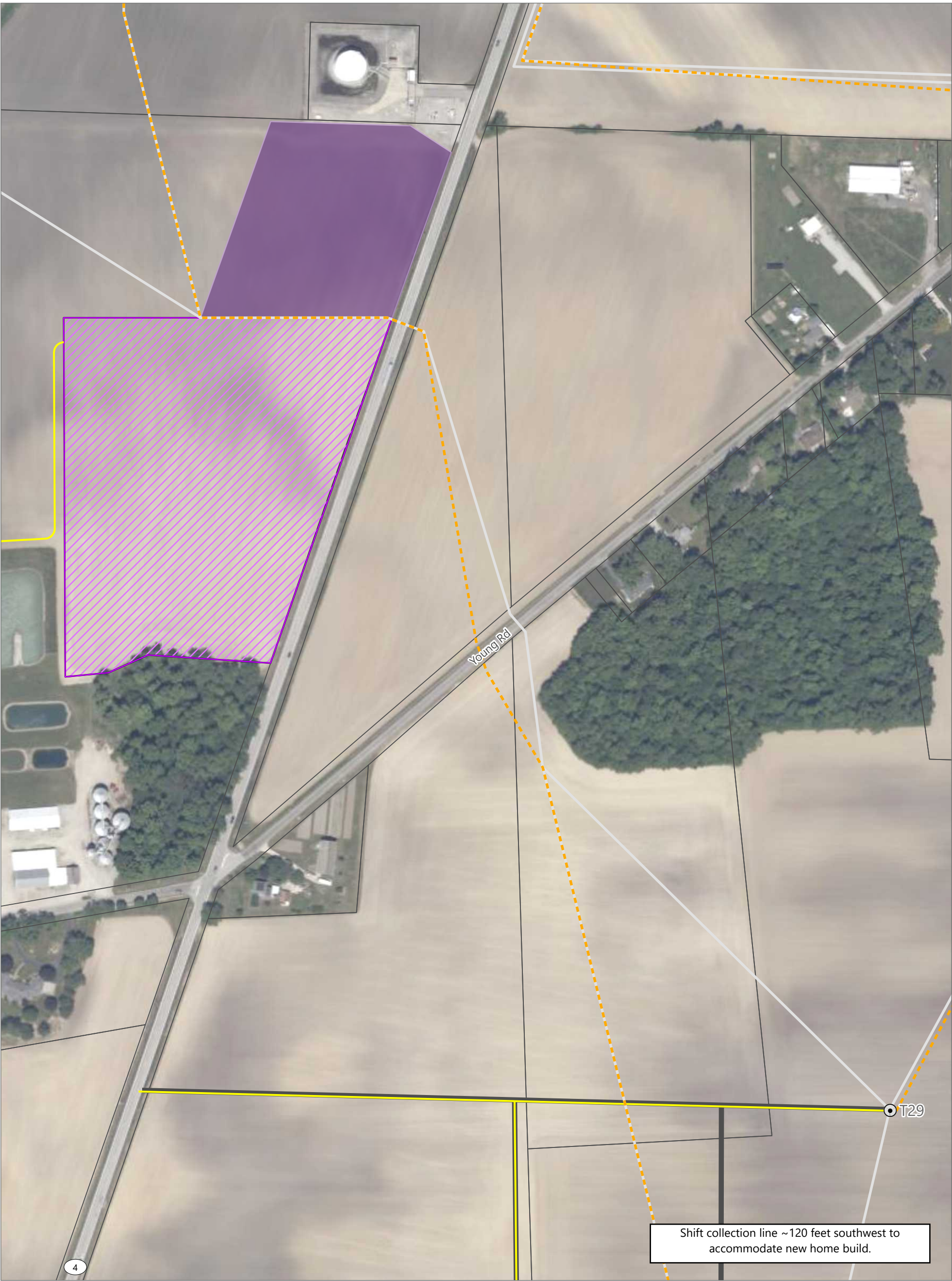




Emerson Creek
Erie and Huron Counties, Ohio

Proposed Layout	Certificated Layout	Parcel Boundary
Collection Line	Wind Turbine	
Access Road	Collection Line	
	Access Road	





Emerson Creek
Erie and Huron Counties, Ohio

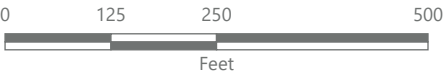
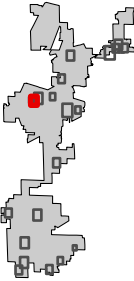
Proposed Layout

- Collection Line
- Access Road

Certificated Layout

- Wind Turbine
- Collection Line
- Access Road
- O&M Building
- Laydown Yard

Parcel Boundary





Emerson Creek

Erie and Huron Counties, Ohio

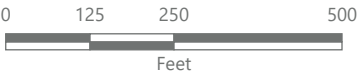
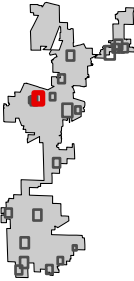
Proposed Layout

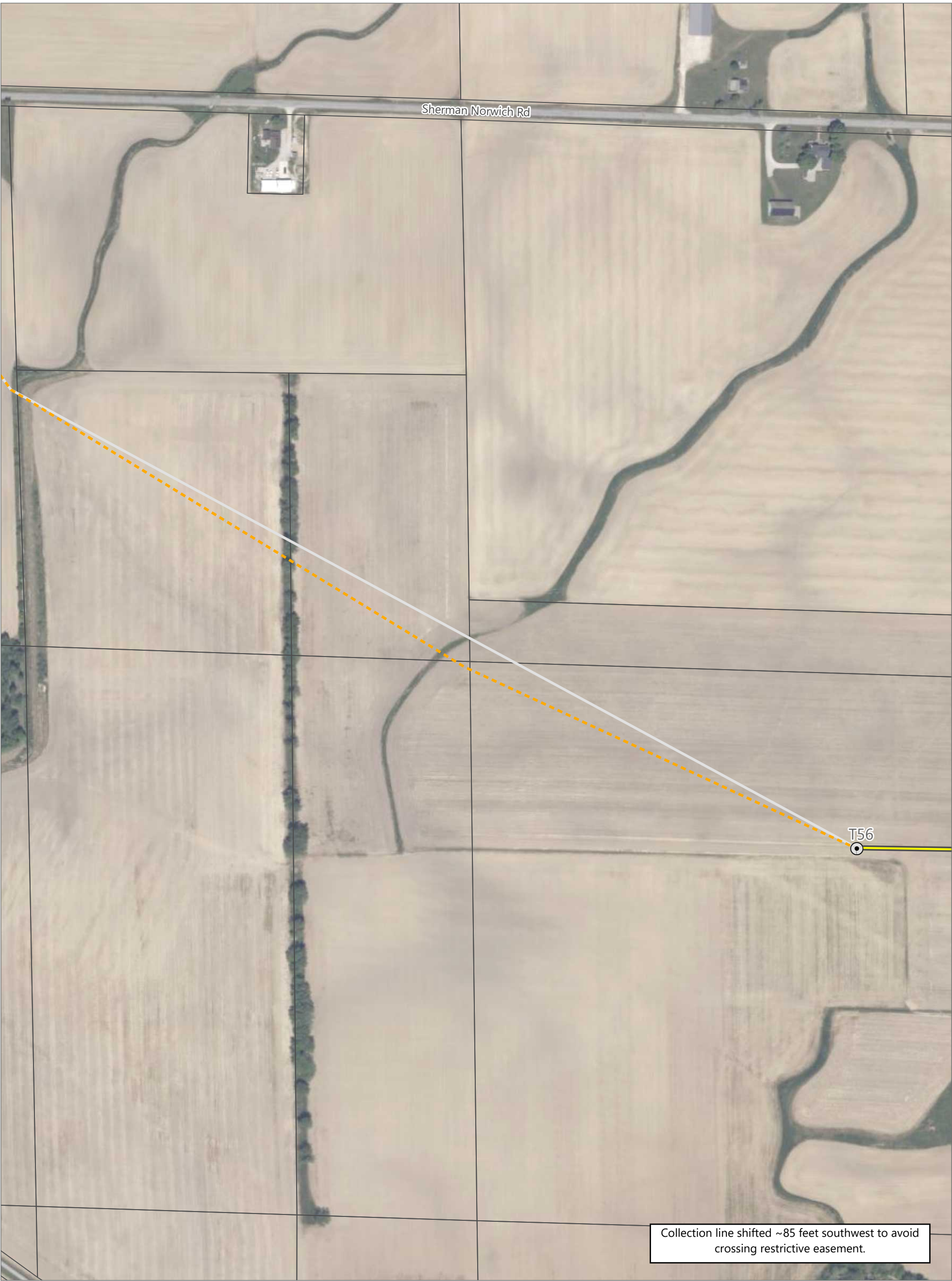
- Collection Line
- Access Road

Certificated Layout

- Collection Line
- Access Road

Parcel Boundary





Emerson Creek

Erie and Huron Counties, Ohio

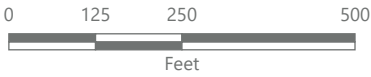
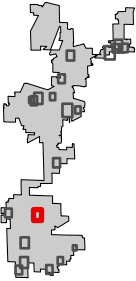
Proposed Layout

- Collection Line
- Access Road

Certificated Layout

- Wind Turbine
- Collection Line
- Access Road

Parcel Boundary





Emerson Creek
Erie and Huron Counties, Ohio

Proposed Layout

Collection Line

Access Road

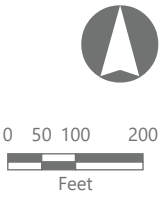
Certificated Layout

Wind Turbine

Collection Line

Access Road

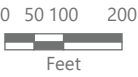
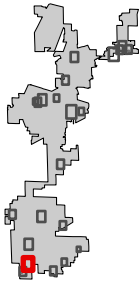
Parcel Boundary

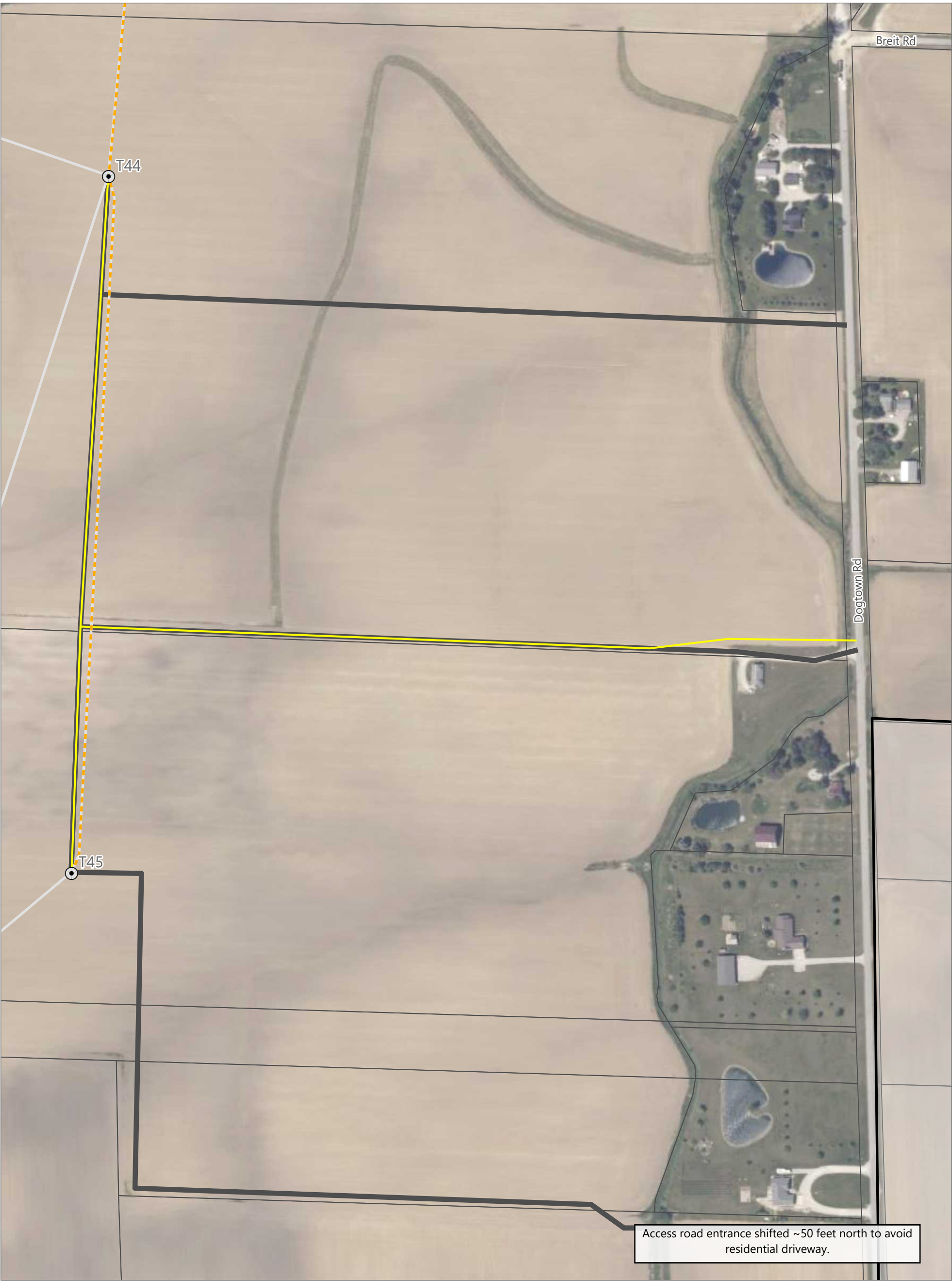




Emerson Creek
Erie and Huron Counties, Ohio

- | | | |
|------------------------|----------------------------|-----------------|
| Proposed Layout | Certificated Layout | Project Area |
| Collection Line | Wind Turbine | Parcel Boundary |
| Access Road | Collection Line | Access Road |





Emerson Creek

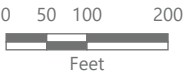
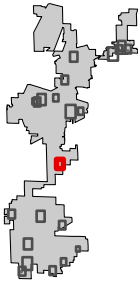
Erie and Huron Counties, Ohio

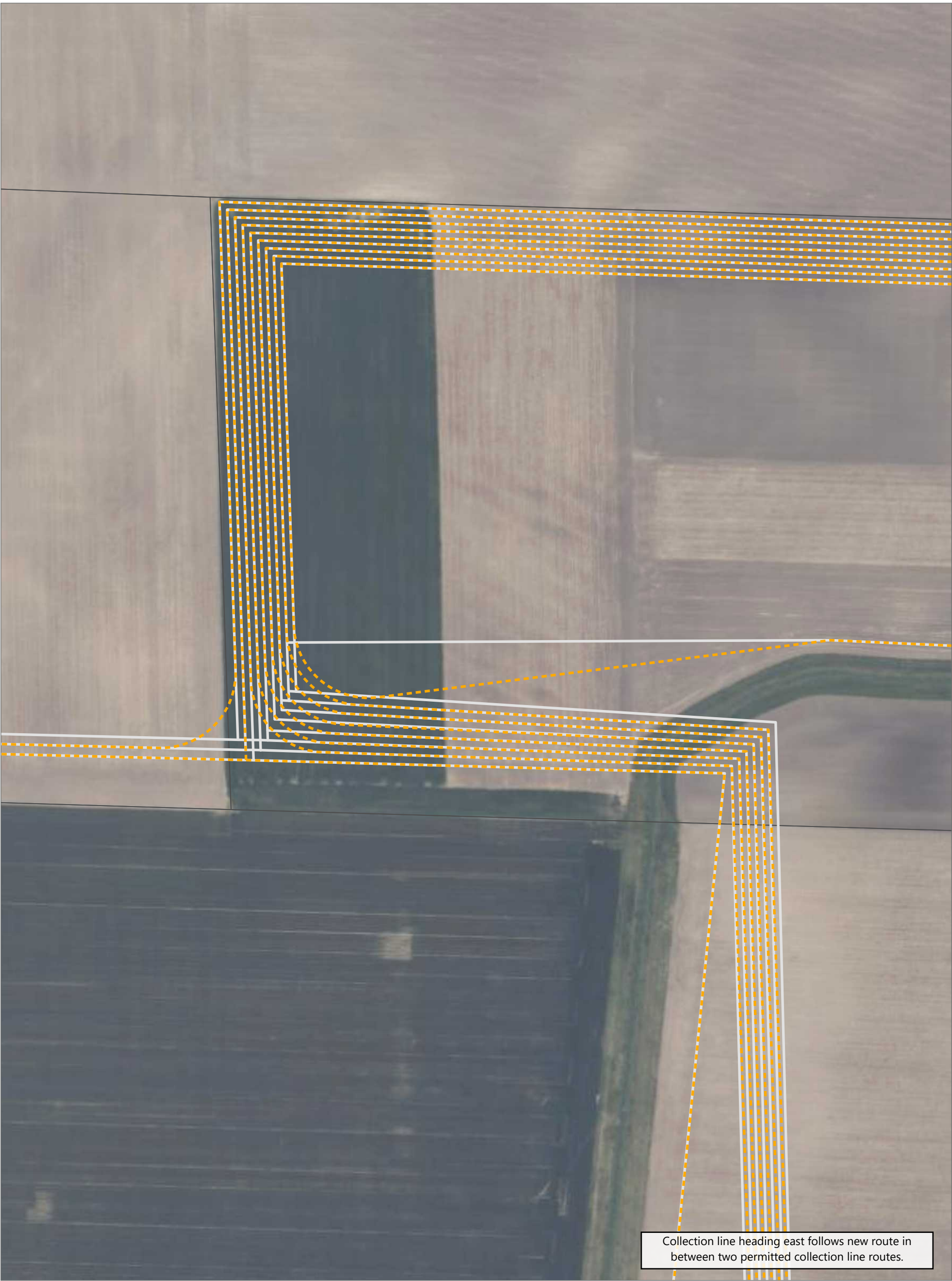
- Proposed Layout**

 - Collection Line
 - Access Road
- Certificated Layout**




 - Wind Turbine
 - Collection Line
 - Access Road
- Project Area**

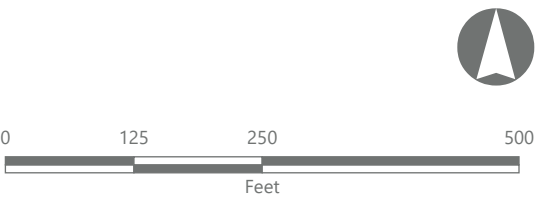
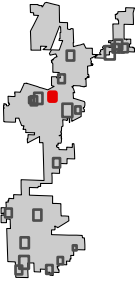
 - Parcel Boundary

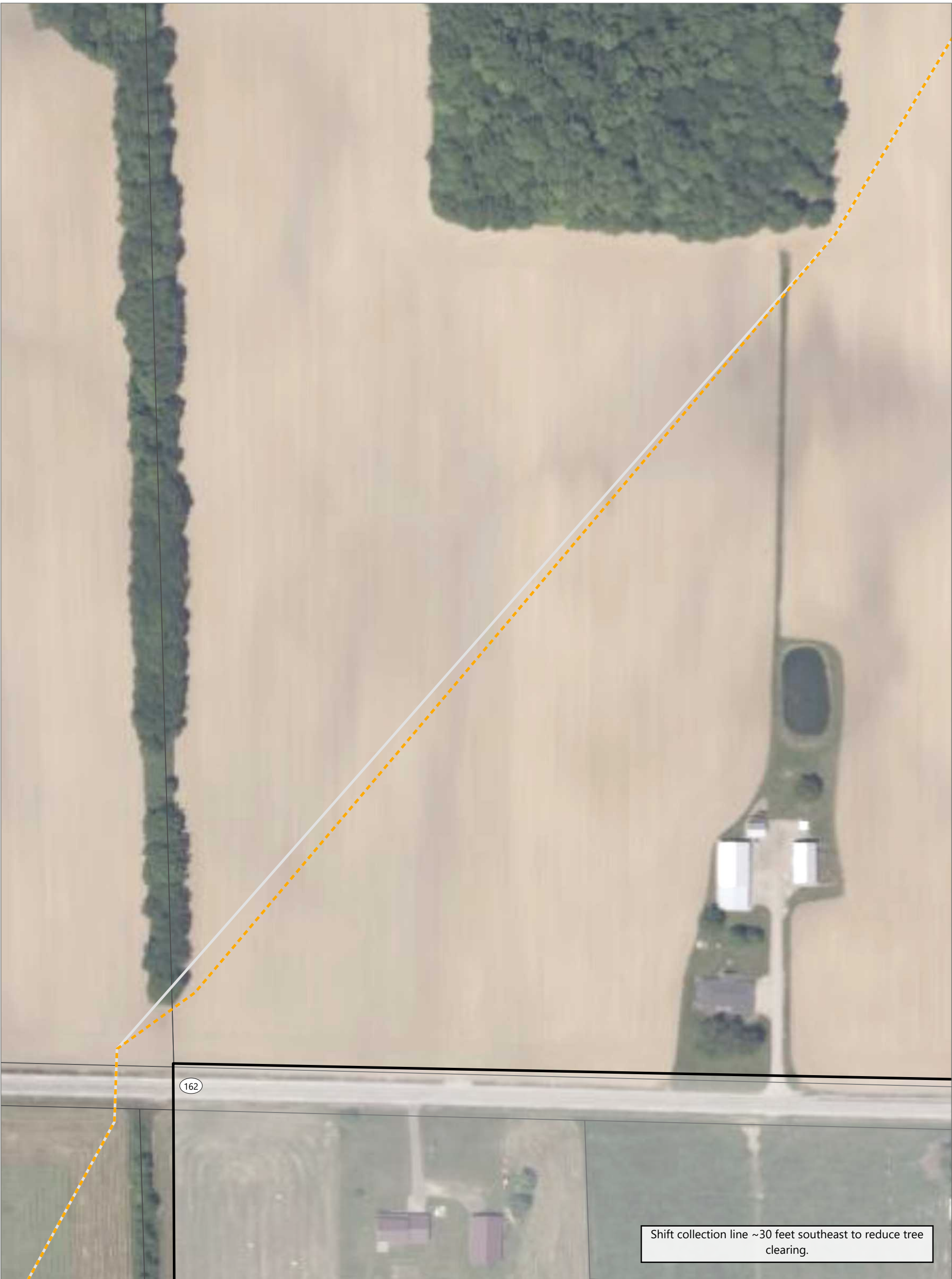




Emerson Creek
Erie and Huron Counties, Ohio

Proposed Layout **Certificated Layout**  Parcel Boundary
 Collection Line  Collection Line





Emerson Creek
Erie and Huron Counties, Ohio

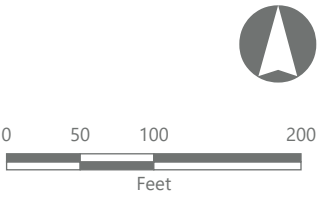
- Proposed Layout

Certificated Layout

Project Area
- Collection Line

Collection Line

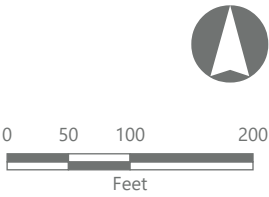
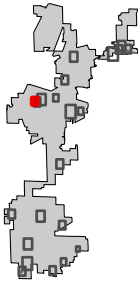
Parcel Boundary





Emerson Creek
Erie and Huron Counties, Ohio

- | Proposed Layout | Certificated Layout | Parcel Boundary |
|-----------------|---------------------|-----------------|
| Collection Line | Collection Line | Parcel Boundary |
| Access Road | O&M Building | |
| | Laydown Yard | |





Emerson Creek
Erie and Huron Counties, Ohio

- Proposed Layout

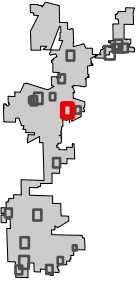
Collection Line

Access Road
- Certificated Layout

Wind Turbine

Collection Line

Access Road
- Parcel Boundary



0 50 100 200
Feet



Emerson Creek
Erie and Huron Counties, Ohio

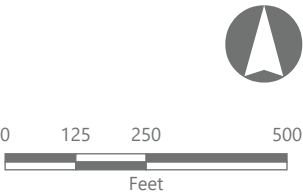
- Proposed Layout

Certificated Layout

Project Area
- Collection Line

Collection Line

Parcel Boundary





Emerson Creek

Erie and Huron Counties, Ohio

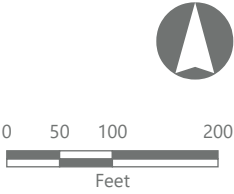
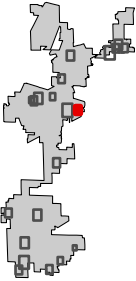
- Proposed Layout

Collection Line

Access Road
- Certificated Layout

Wind Turbine

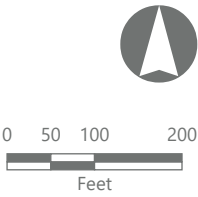
Collection Line
-
- Access Road





Emerson Creek
Erie and Huron Counties, Ohio

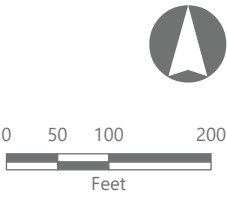
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|------------------------|----------------------------|---------------------|
| Proposed Layout | Certificated Layout | Project Area |
| --- Collection Line | ● Wind Turbine | Parcel Boundary |
| — Access Road | — Collection Line | — Access Road |





Emerson Creek
Erie and Huron Counties, Ohio

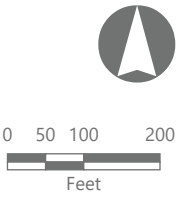
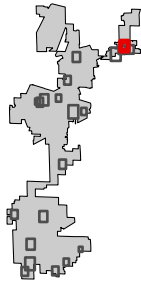
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|------------------------|----------------------------|-----------------|
| Proposed Layout | Certificated Layout | Parcel Boundary |
| Collection Line | Wind Turbine | |
| Access Road | Collection Line | |
| | Access Road | |

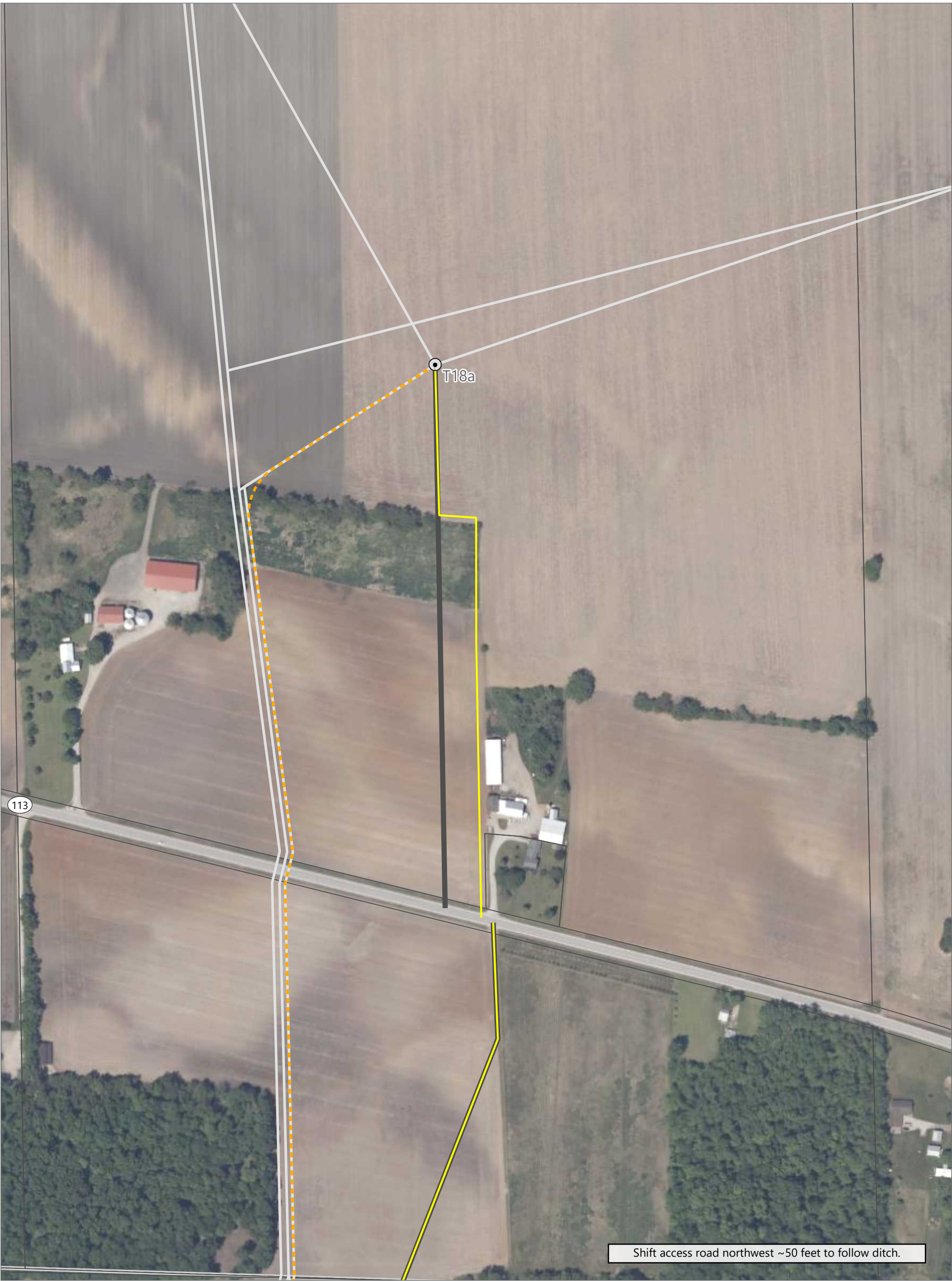




Emerson Creek
Erie and Huron Counties, Ohio

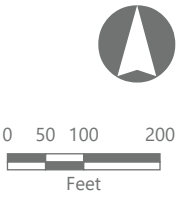
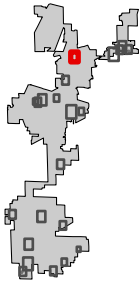
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|------------------------|----------------------------|-----------------|
| Proposed Layout | Certificated Layout | Project Area |
| Lidar Unit | Wind Turbine | Parcel Boundary |
| Collection Line | Collection Line | |
| Access Road | Access Road | |





Emerson Creek
Erie and Huron Counties, Ohio

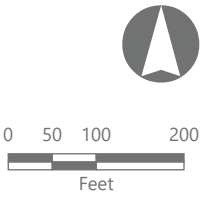
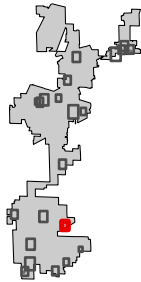
- | Proposed Layout | Certificated Layout | Parcel Boundary |
|-----------------|---------------------|-----------------|
| Collection Line | Wind Turbine | |
| Access Road | Collection Line | |
| | Access Road | |





Emerson Creek
Erie and Huron Counties, Ohio

- | Proposed Layout | Certificated Layout | Project Area |
|---------------------|---------------------|-----------------|
| --- Collection Line | ● Wind Turbine | Parcel Boundary |
| — Access Road | — Collection Line | — Access Road |



**This foregoing document was electronically filed with the Public Utilities
Commission of Ohio Docketing Information System on**

4/28/2025 12:31:25 PM

in

Case No(s). 25-0495-EL-BGA

Summary: Application - Third Amendment Application electronically filed by
Christine M.T. Pirik on behalf of Firelands Wind, LLC.