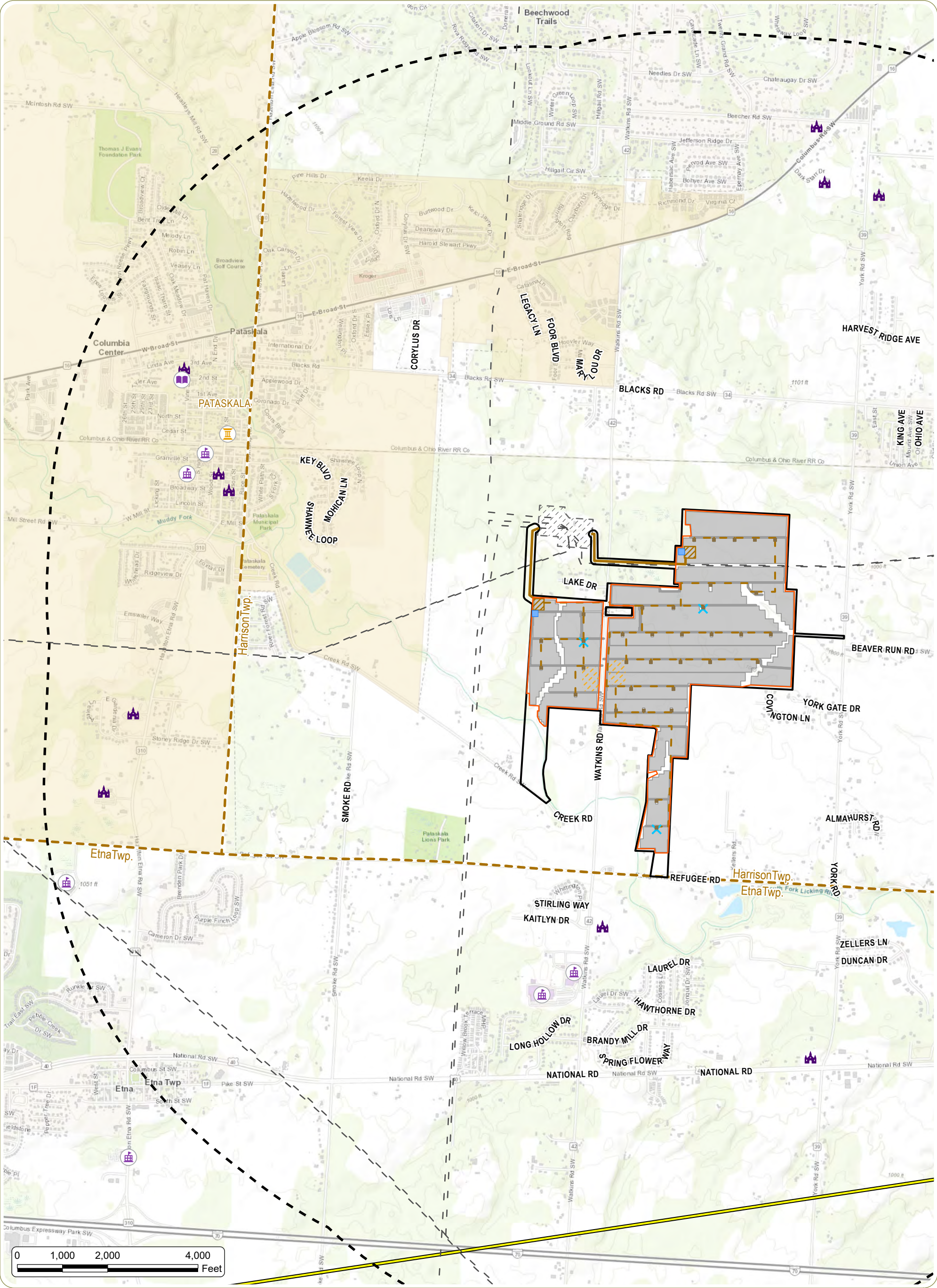




Union Ridge Solar
Certificate Application Figures
Part 1 of 2

Case No. 20-1757-EL-BGN



Union Ridge Solar
Harrison Township, Licking County, Ohio

Figure 03-1: Geography and Topography
Page 1 of 2

Notes: 1. Basemap: Esri World Topographic Map. 2. Map generated in ArcGIS Pro on 3/22/2021. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data. 4. Map Scale: 1:24,000

Existing Features

- Church
- Library
- Museum
- School
- Natural Gas Pipeline
- Electric Transmission Line
- AEP Kirk Substation

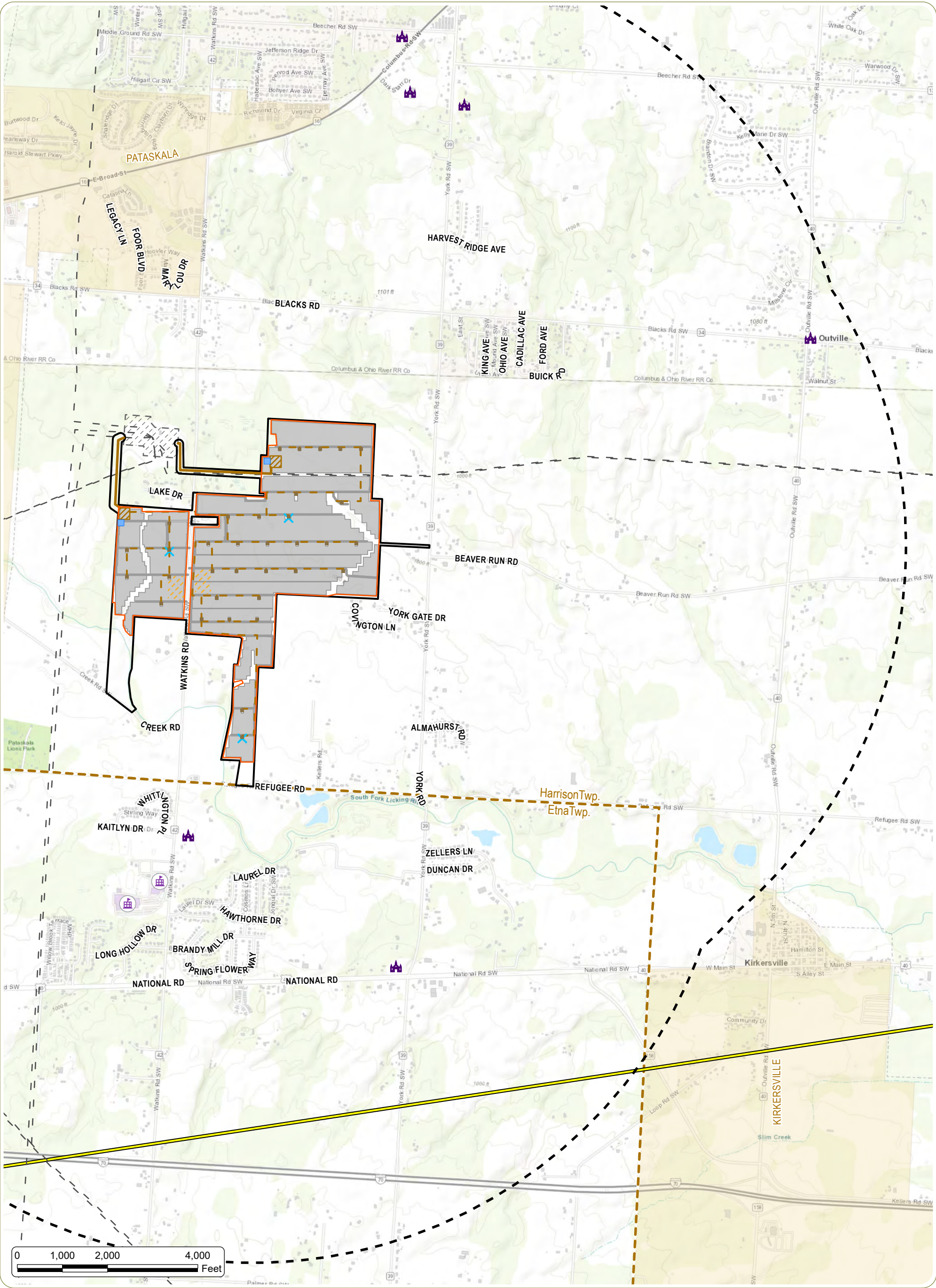
Facility Components

- Inverter
- Underground Collection Line
- Gen-tie Line Alternatives
- Collection Substation Alternatives
- PV Panel Area

- Weather Station
- O&M Building Alternatives
- Access Road
- Fenceline
- Temporary Laydown Yard
- Project Area
- 2-Mile Study Area



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Union Ridge Solar

Harrison Township, Licking County, Ohio

Figure 03-1: Geography and Topography
Page 2 of 2

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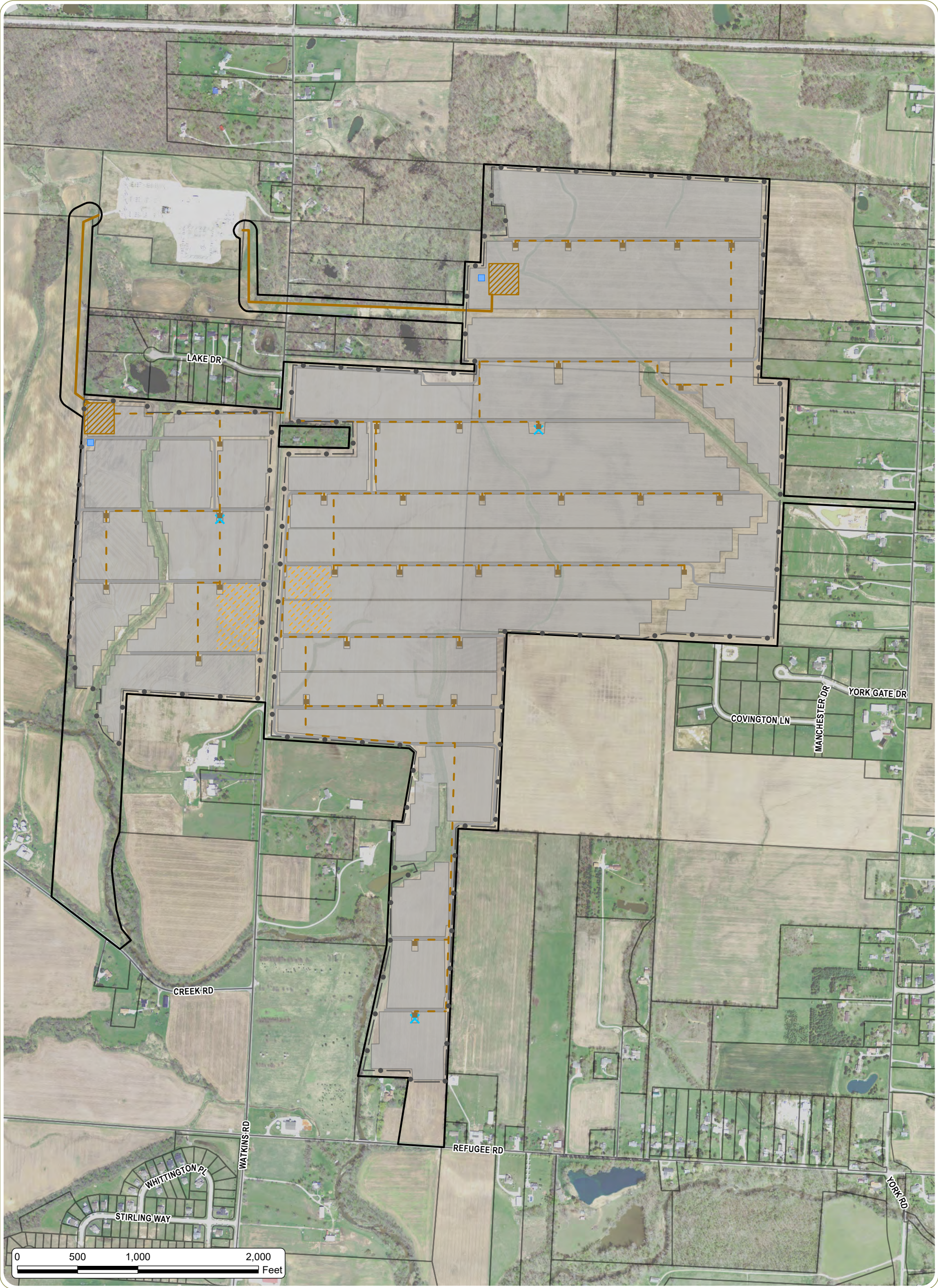
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Union Ridge Solar

Harrison Township, Licking County, Ohio

Figure 03-2: Facility Overview

Notes: 1. Basemap: Ohio Statewide Imagery Program. 2. Map generated in ArcGIS Pro on 3/22/2021. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data. 4. Map Scale: 1:9,000

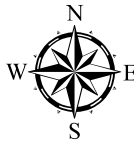
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- PV Panel Area

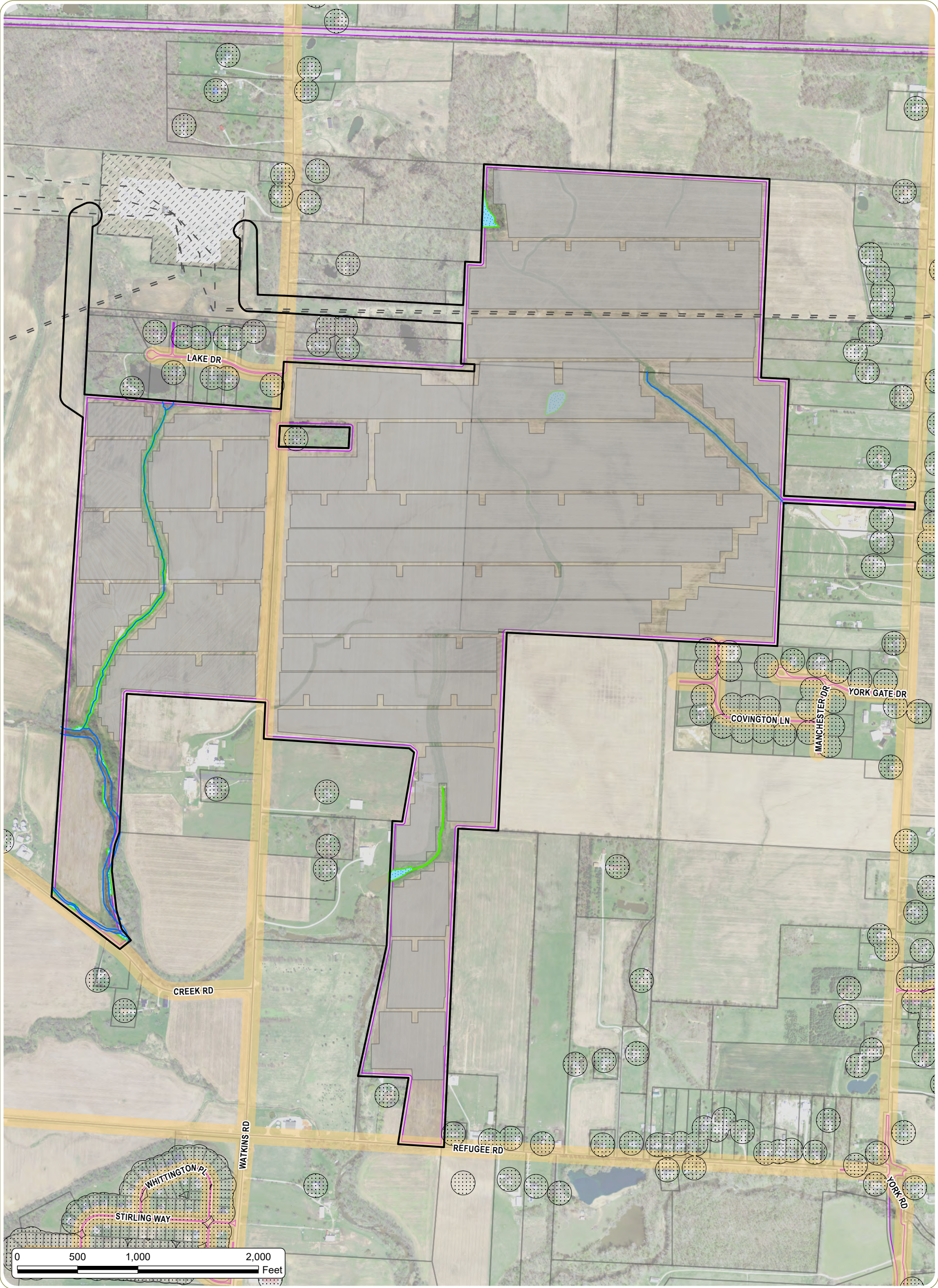
- Weather Station
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- Access Road
- Fenceline
- Temporary Laydown Yard
- Project Area

Area Features

- Parcel Boundary



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Figure 04-1: Siting Constraints

Notes: 1. Basemap: Ohio Statewide Imagery Program. 2. Map generated in ArcGIS Pro on 3/7/2021. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data. 4. Map Scale: 1:9,000

Siting Constraints

- Stream
- Wetland
- 75-Foot Setback from Road Centers
- 25-Foot Setback from Non-Participating Properties
- 100-Foot Setback from Sensitive Receptors
- AEP Kirk Substation
- Electric Transmission Line

Facility Components

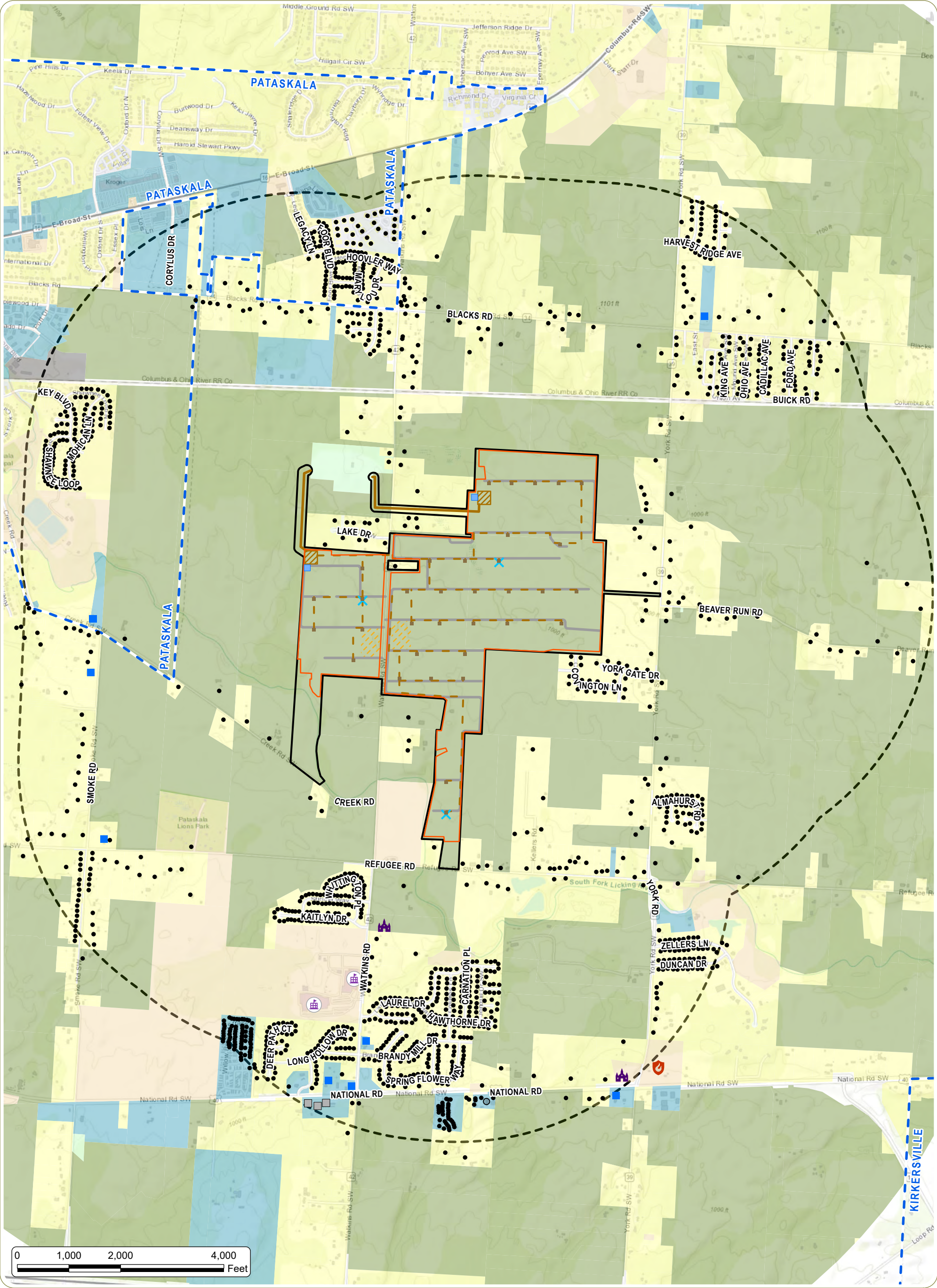
- PV Panel Area
- Project Area

Area Features

- Parcel Boundary



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Harrison Township, Licking County, Ohio

Figure 08-1: Land Use and Structures

Notes: 1. Basemap: Esri World Topographic Map. 2. Map generated in ArcGIS Pro on 3/22/2021. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data. 4. Map Scale: 1:21,000

Structure Type

- Residence
- Vacant Residence
- Commercial
- Vacant Commercial
- ⛪ Church
- 🚒 Fire Station
- 🎓 School

Land Use

- Residential
- Agricultural
- Commercial
- Industrial
- Exempt
- Public Utility
- Other

Facility Components

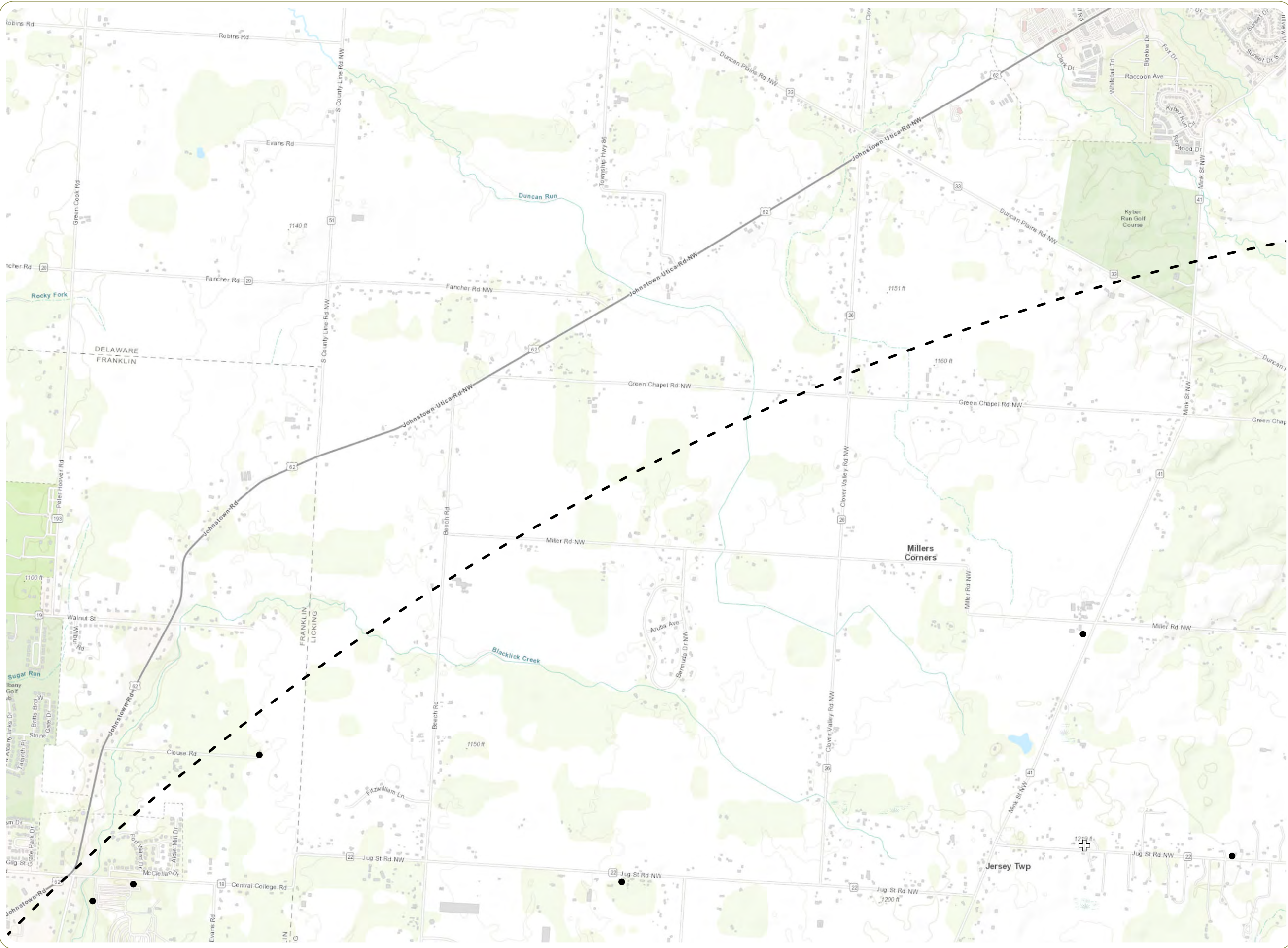
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- ▭ 1-Mile Study Area



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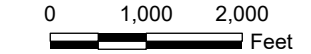
Union Ridge Solar

Harrison Township, Licking County, Ohio

Figure 08-2: Cultural and Recreational Resources

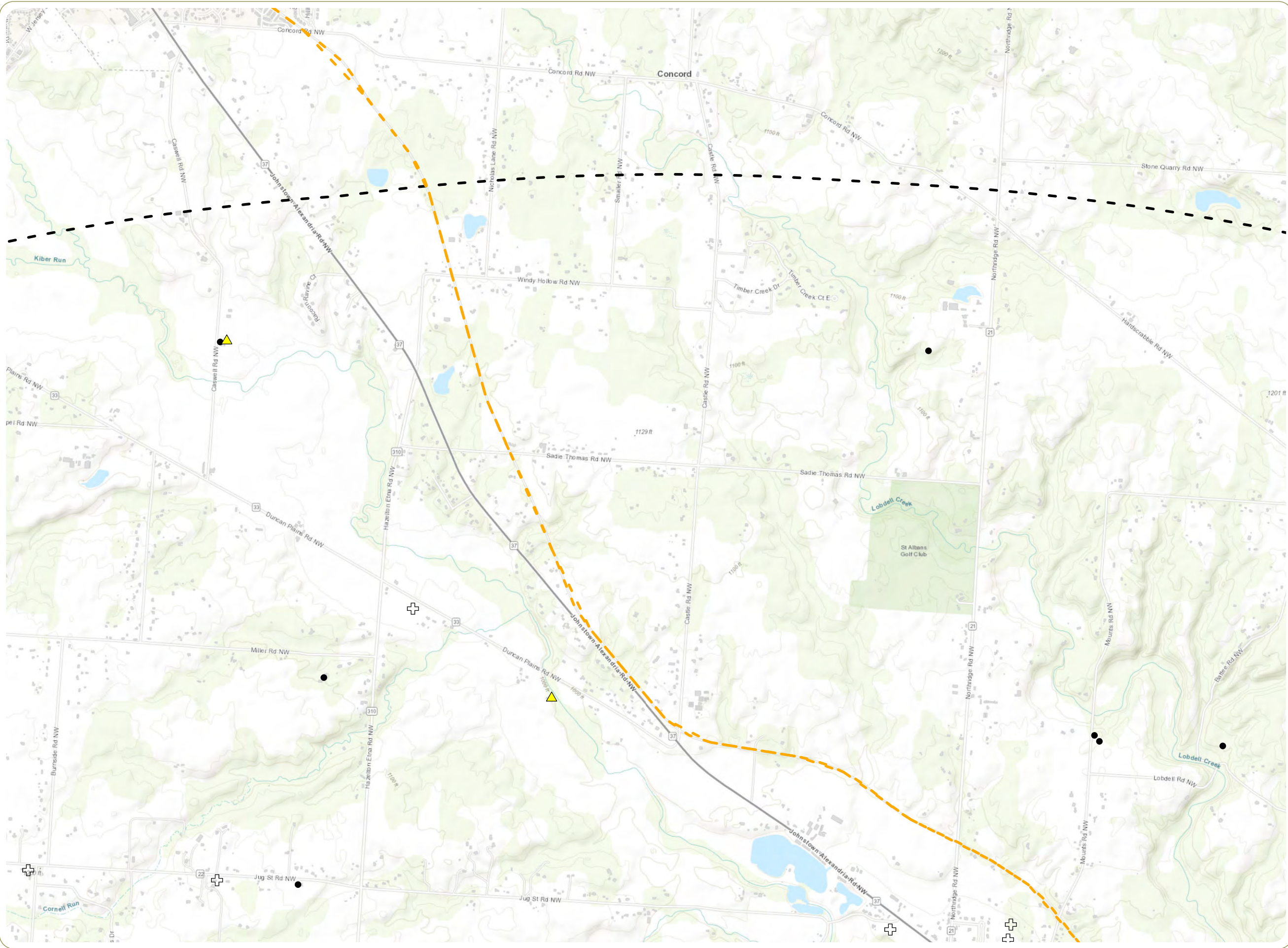
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- Recreational Resources**
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 - Conservation Land
- Other Features**
- Airport
 - Project Area
 - 10-Mile Study Area



Notes: 1. Basemap: Esri World Topographic Map. 2. Map generated in ArcGIS Pro on 3/22/2021. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data. 4. Map Scale: 1:24,000





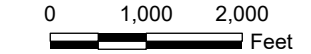
Union Ridge Solar

Harrison Township, Licking County, Ohio

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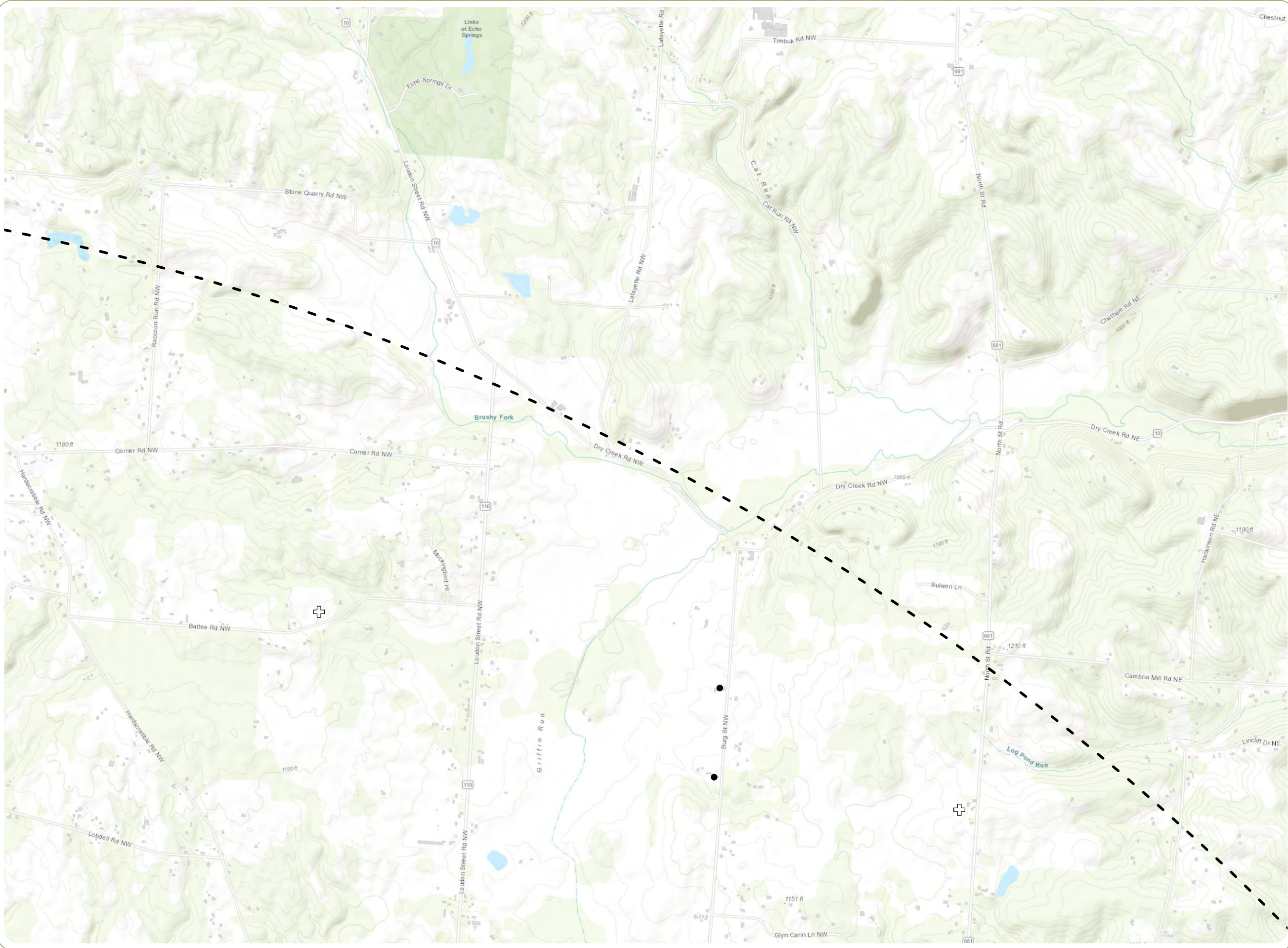
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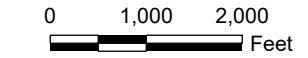
Union Ridge Solar

Harrison Township, Licking County, Ohio

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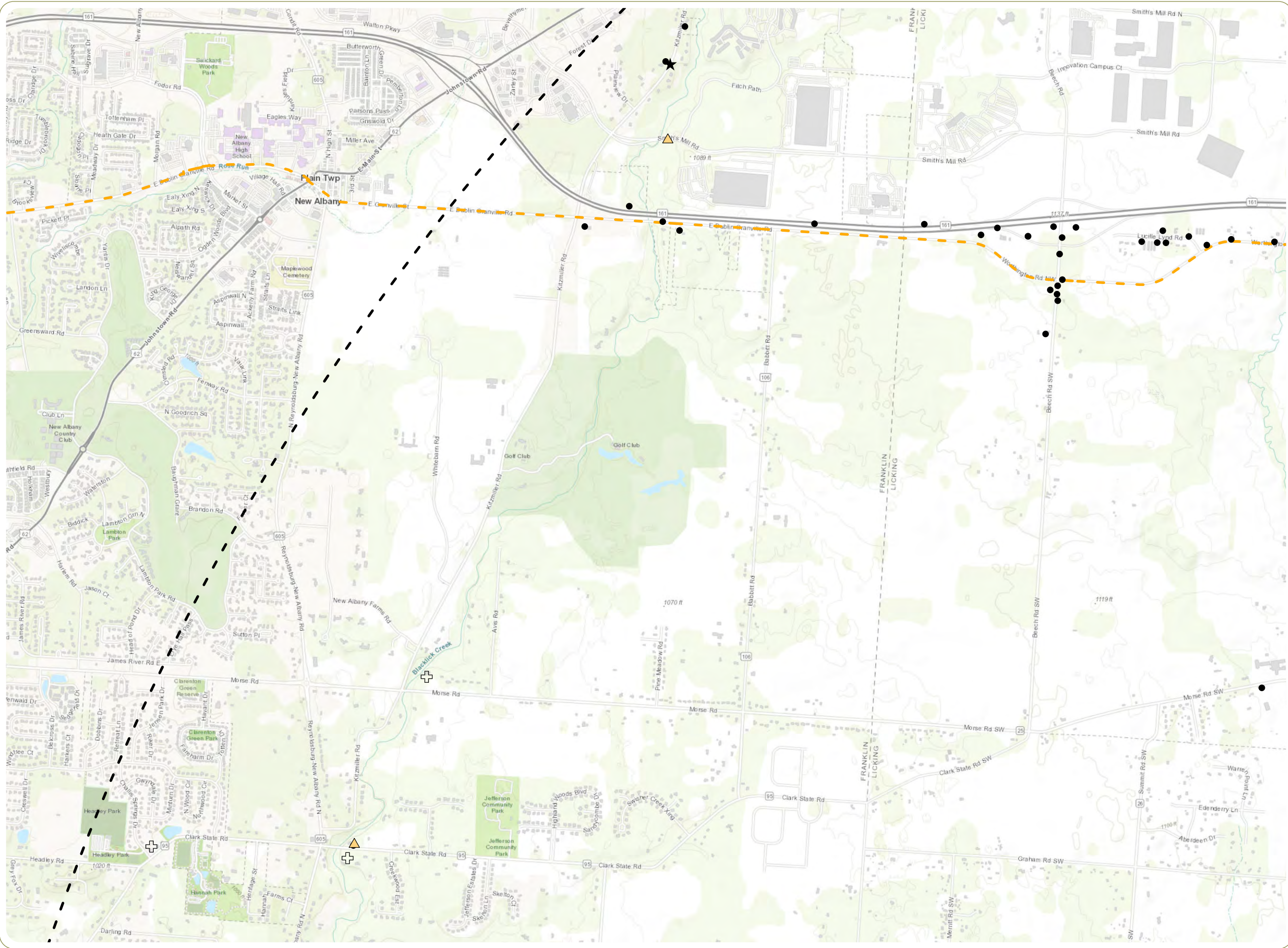
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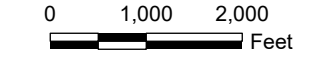
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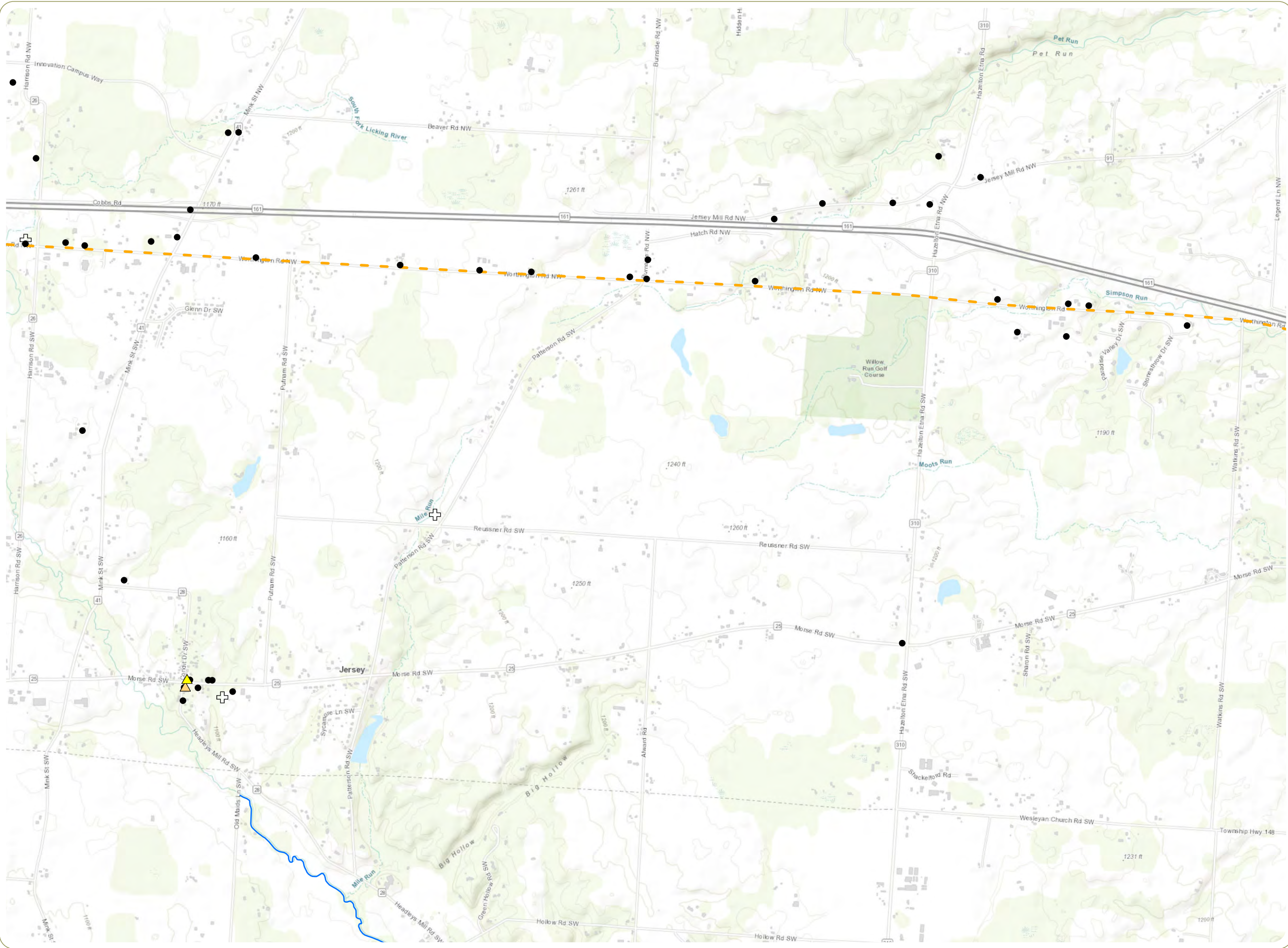
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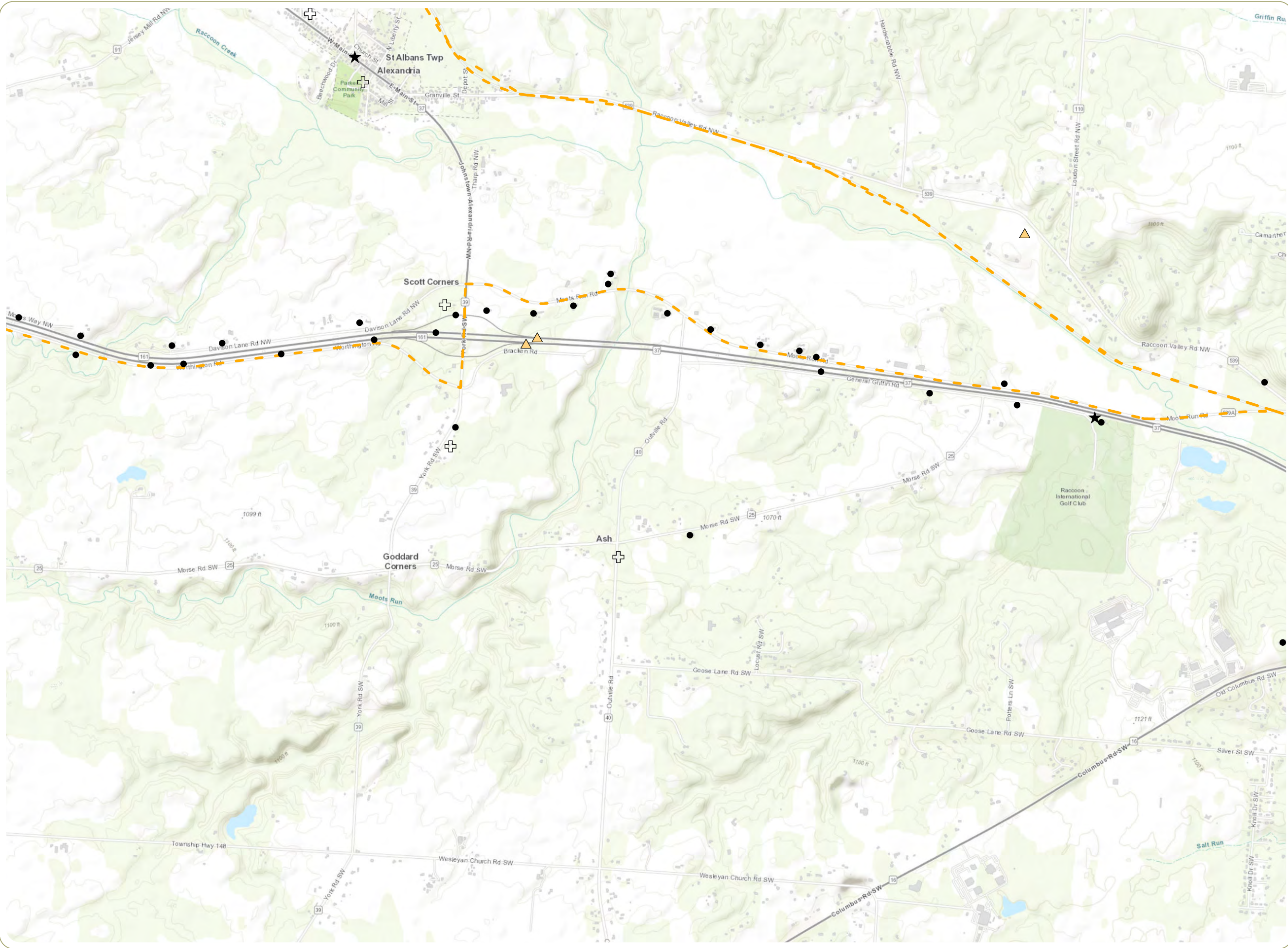
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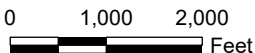
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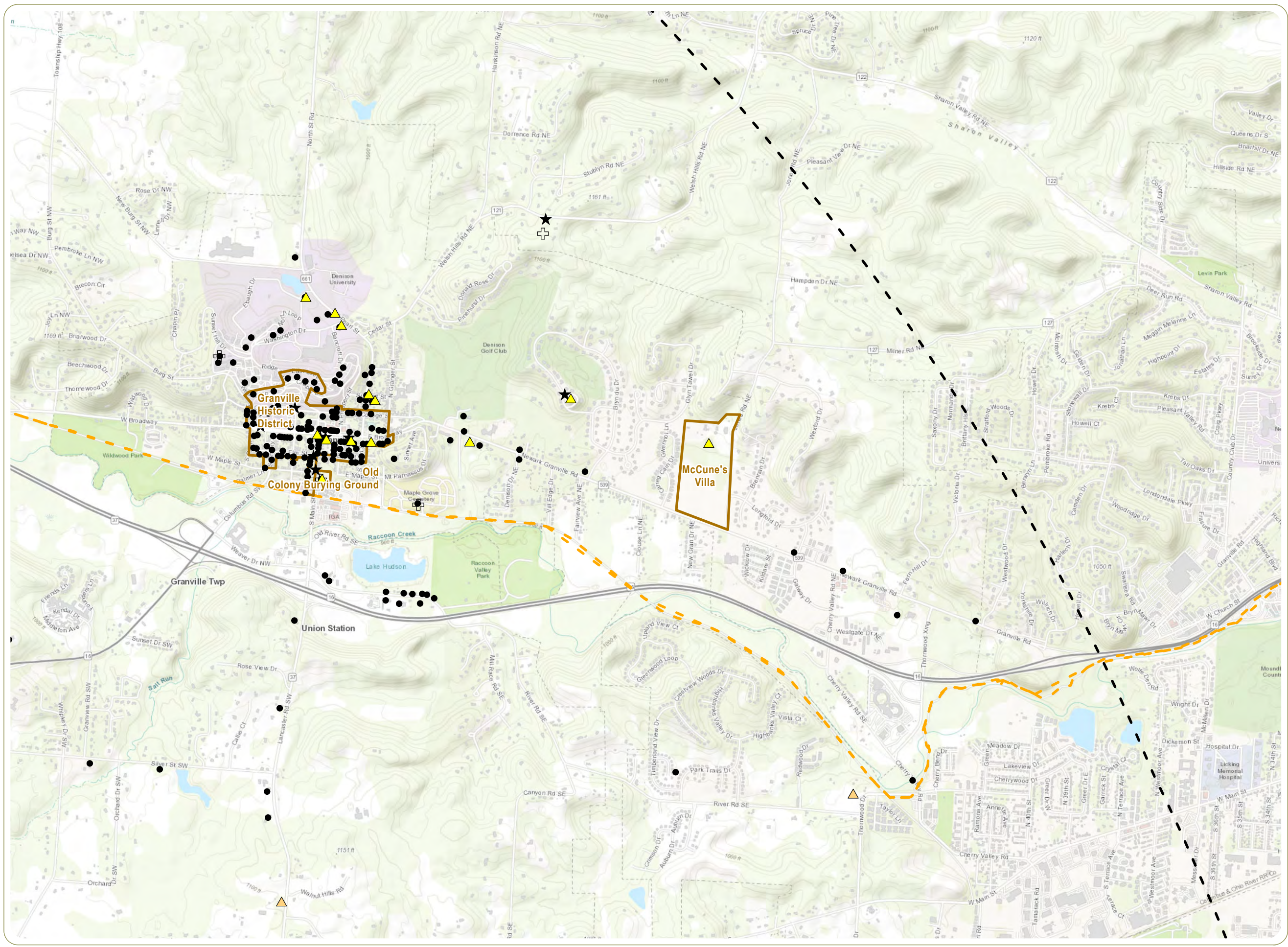
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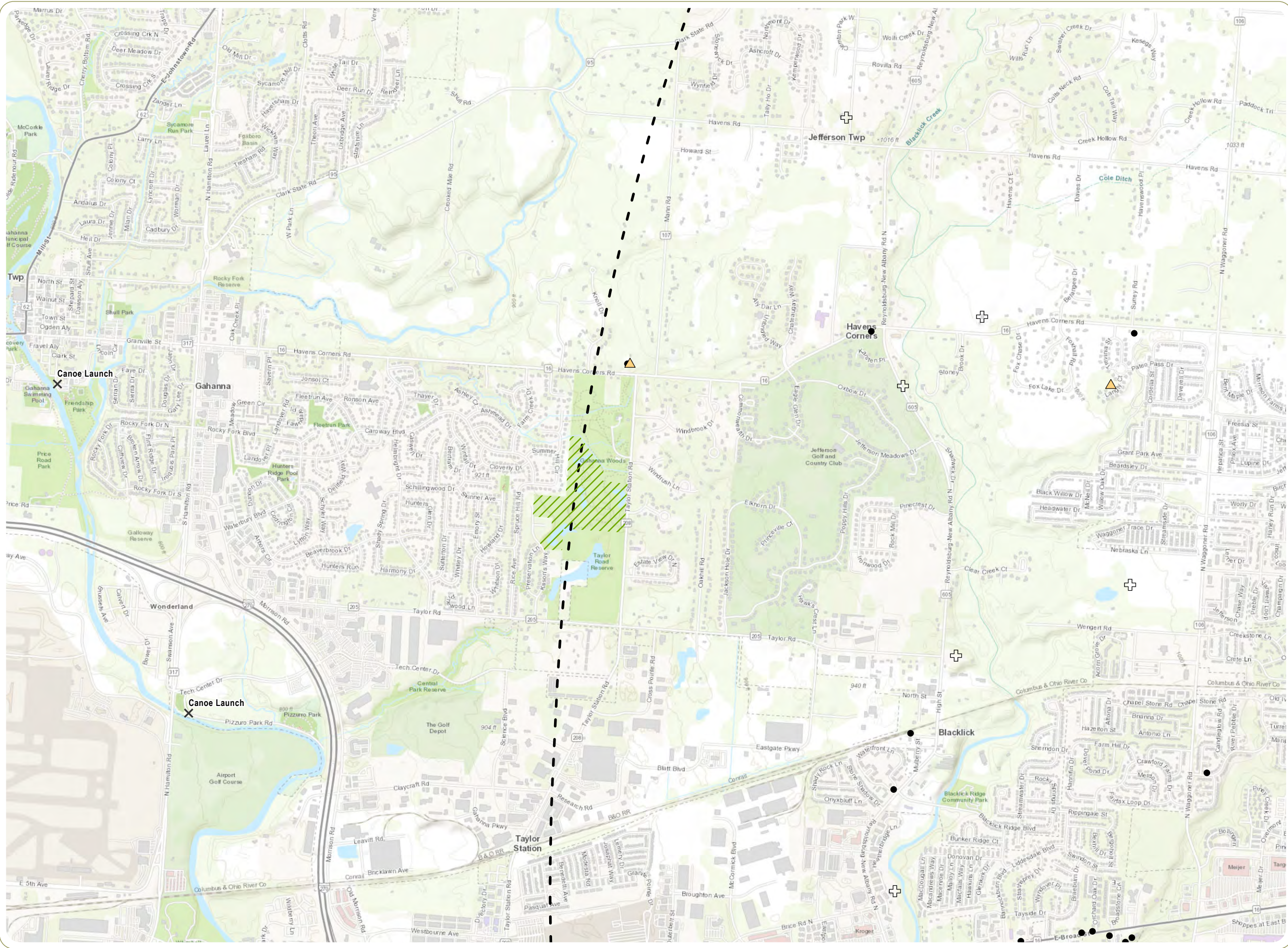
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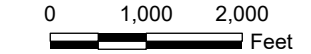
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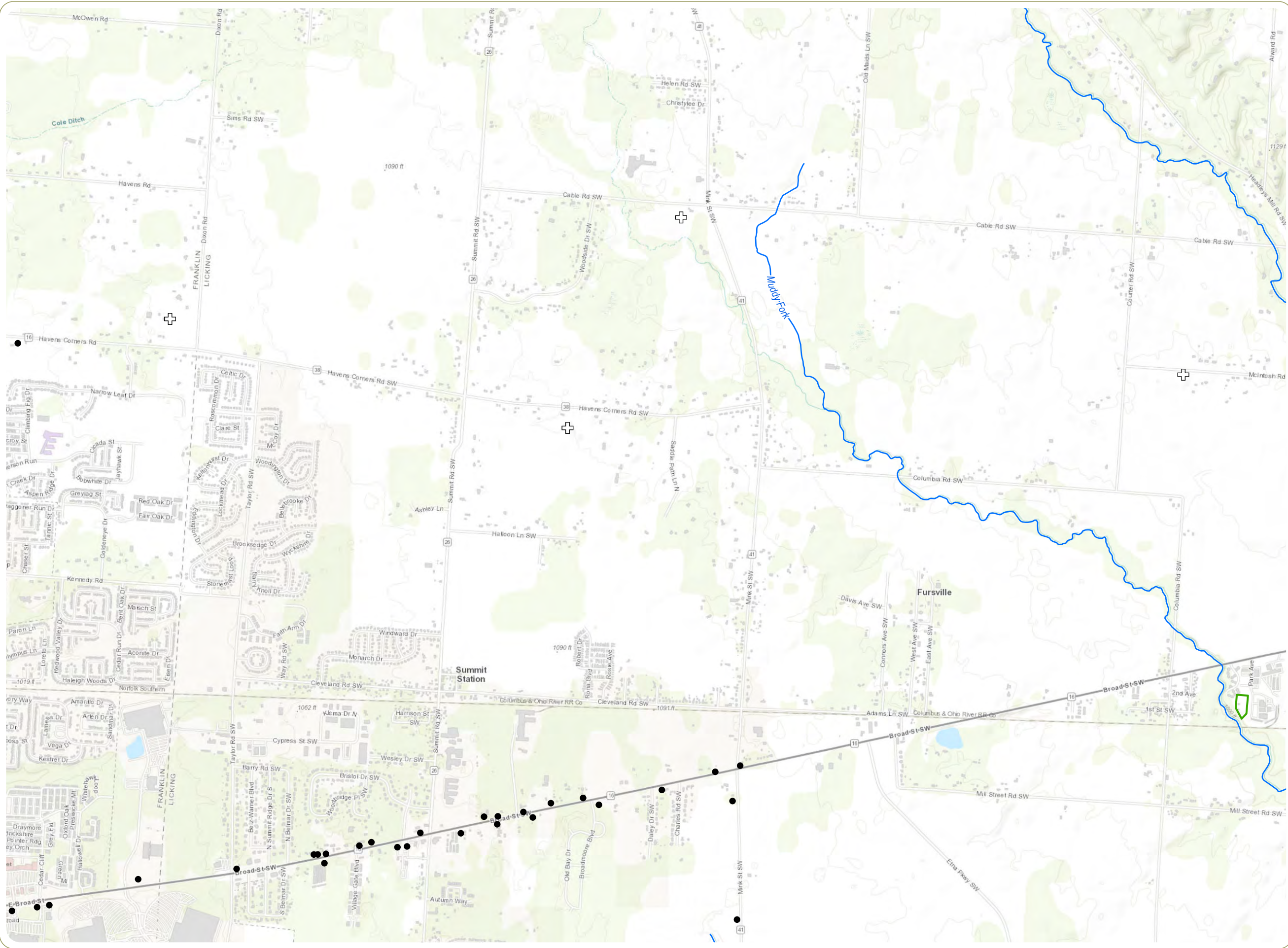
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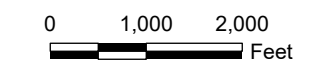
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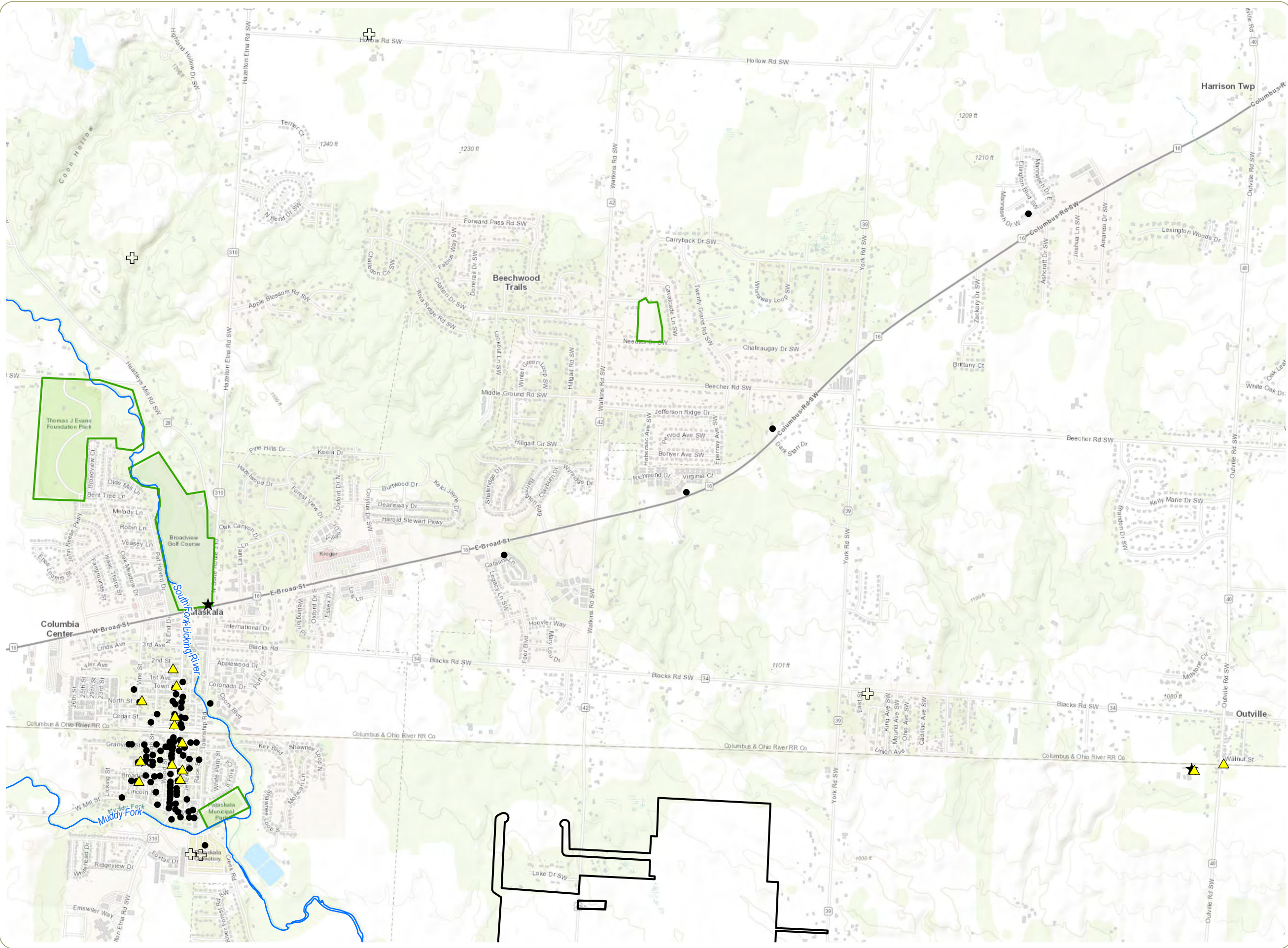
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Case No(s). 20-1757-EL-BGN

Summary: Application Certificate Figures - Part 1 of 2 electronically filed by Teresa OrahooD
on behalf of Dylan F. Borchers