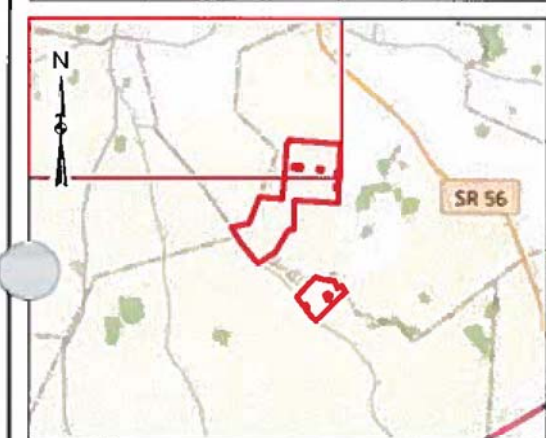
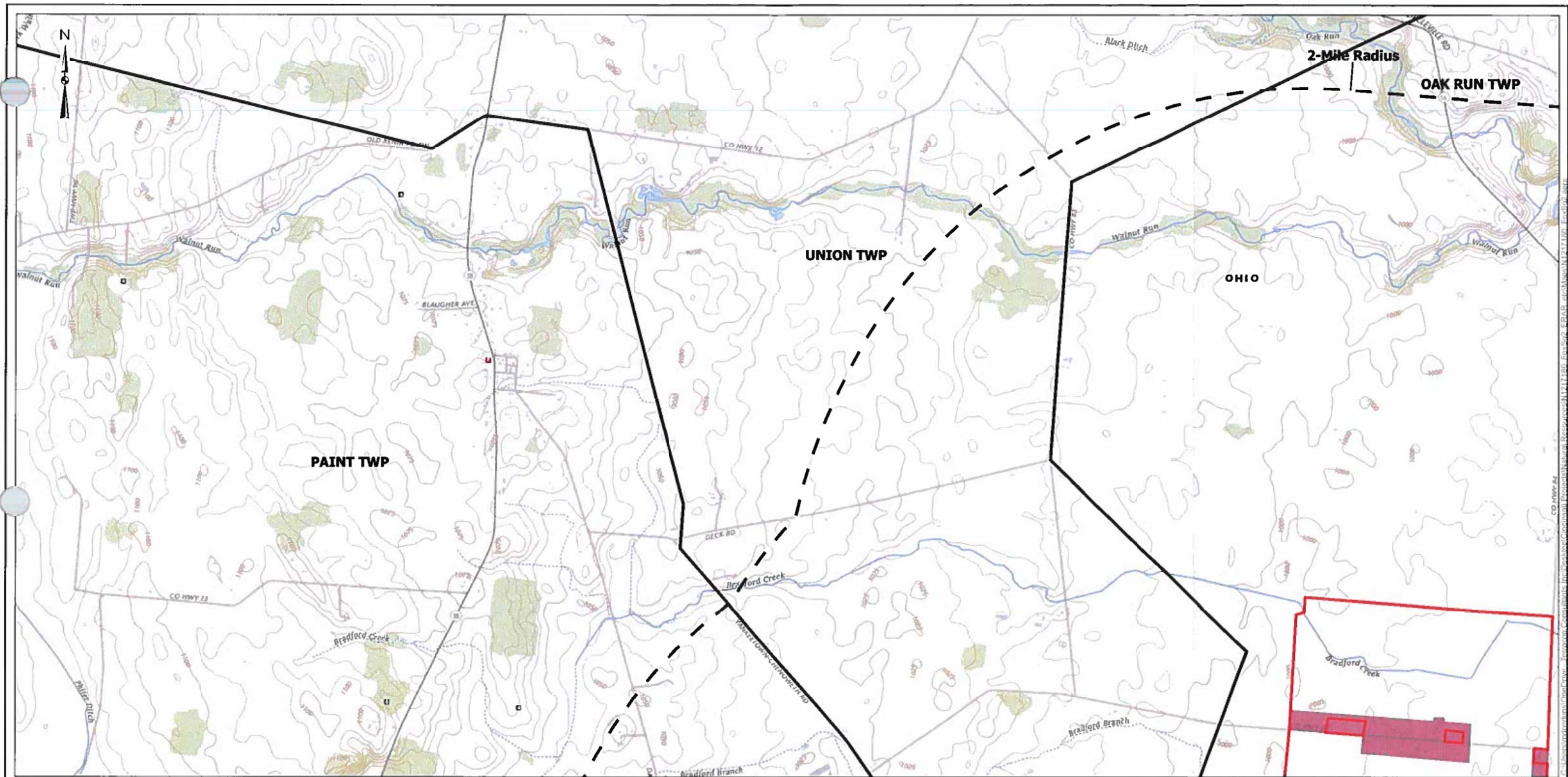


## **Figure 3-1**

### **Boundary Change Two-Mile Radius Map**



- Boundary Change Area
- 2-Mile Radius
- Do Not Disturb Areas
- Township Boundaries

DATA SOURCES:  
ESRI WMS - World Aerial Imagery, OpenStreetMap

Walnut Run, OH and Big Plain, OH USGS 7.5'  
Topographic Quadrangles

0 0.25 0.5 1 Miles

Scale: 1:24,000

Page 1 of 6

Project No.:  
N1217180  
Date:  
Sep 2021  
Drawn By:  
MDP  
Reviewed By:  
EK

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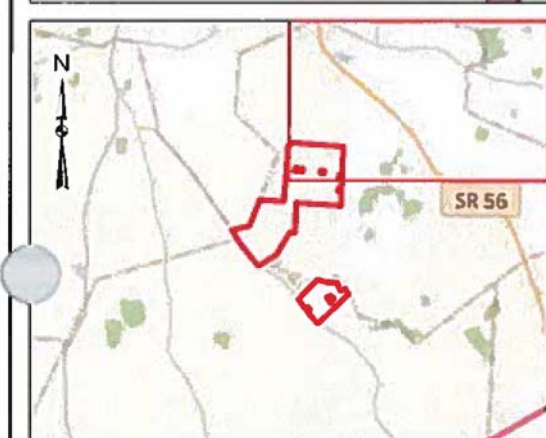
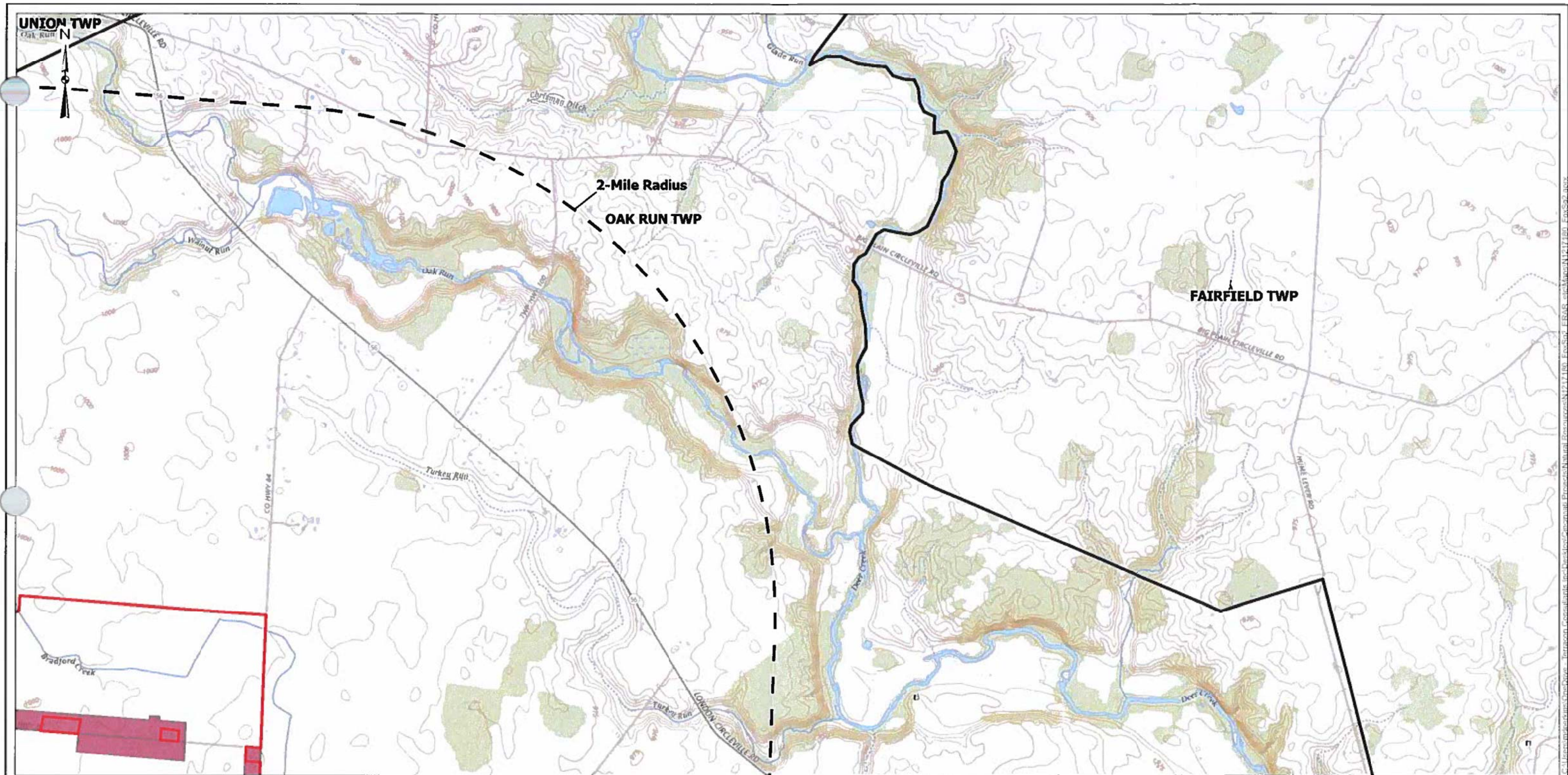
**Project Two-Mile Radius Map**

Ohio Power Siting Board Application Figures  
Fox Squirrel Solar Project Boundary Change Area  
Yankeetown-Chenoweth Road  
Madison County, Ohio

**Exhibit**

**3-1**





- Boundary Change Area
- 2-Mile Radius
- Do Not Disturb Areas
- Township Boundaries

DATA SOURCES:  
ESRI WMS - World Aerial Imagery, OpenStreetMap

Walnut Run, OH and Big Plain, OH USGS 7.5'  
Topographic Quadrangles

Miles  
0 0.25 0.5 1

Scale: 1:24,000

Page 2 of 6

Project No.:  
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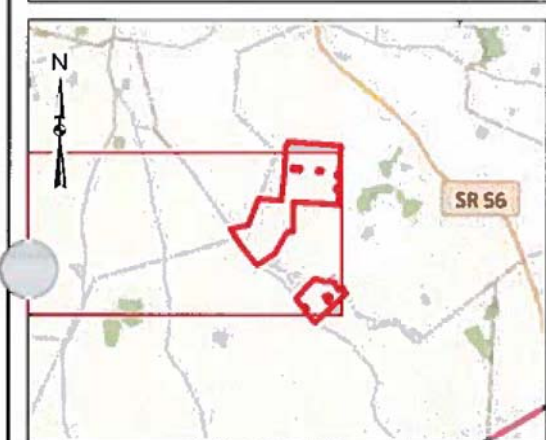
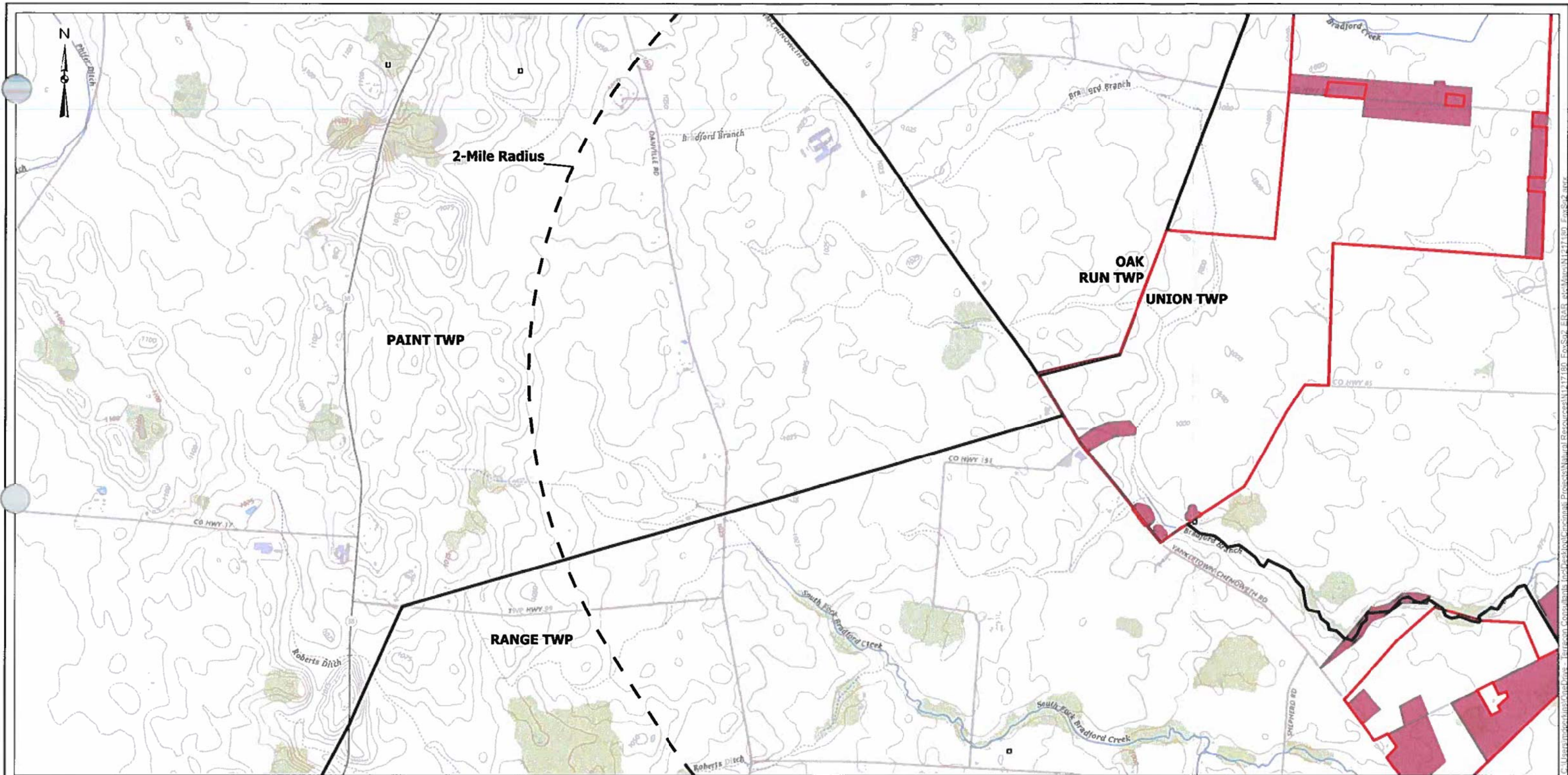
#### Project Two-Mile Radius Map

Ohio Power Siting Board Application Figures  
Fox Squirrel Solar Project Boundary Change Area  
Yankeetown-Chenoweth Road  
Madison County, Ohio

#### Exhibit

**3-1**





- Boundary Change Area
- 2-Mile Radius
- Do Not Disturb Areas
- Township Boundaries

DATA SOURCES:  
ESRI WMS - World Aerial Imagery, OpenStreetMap



Walnut Run, OH and Big Plain, OH USGS 7.5'  
Topographic Quadrangles

Scale: 1:24,000

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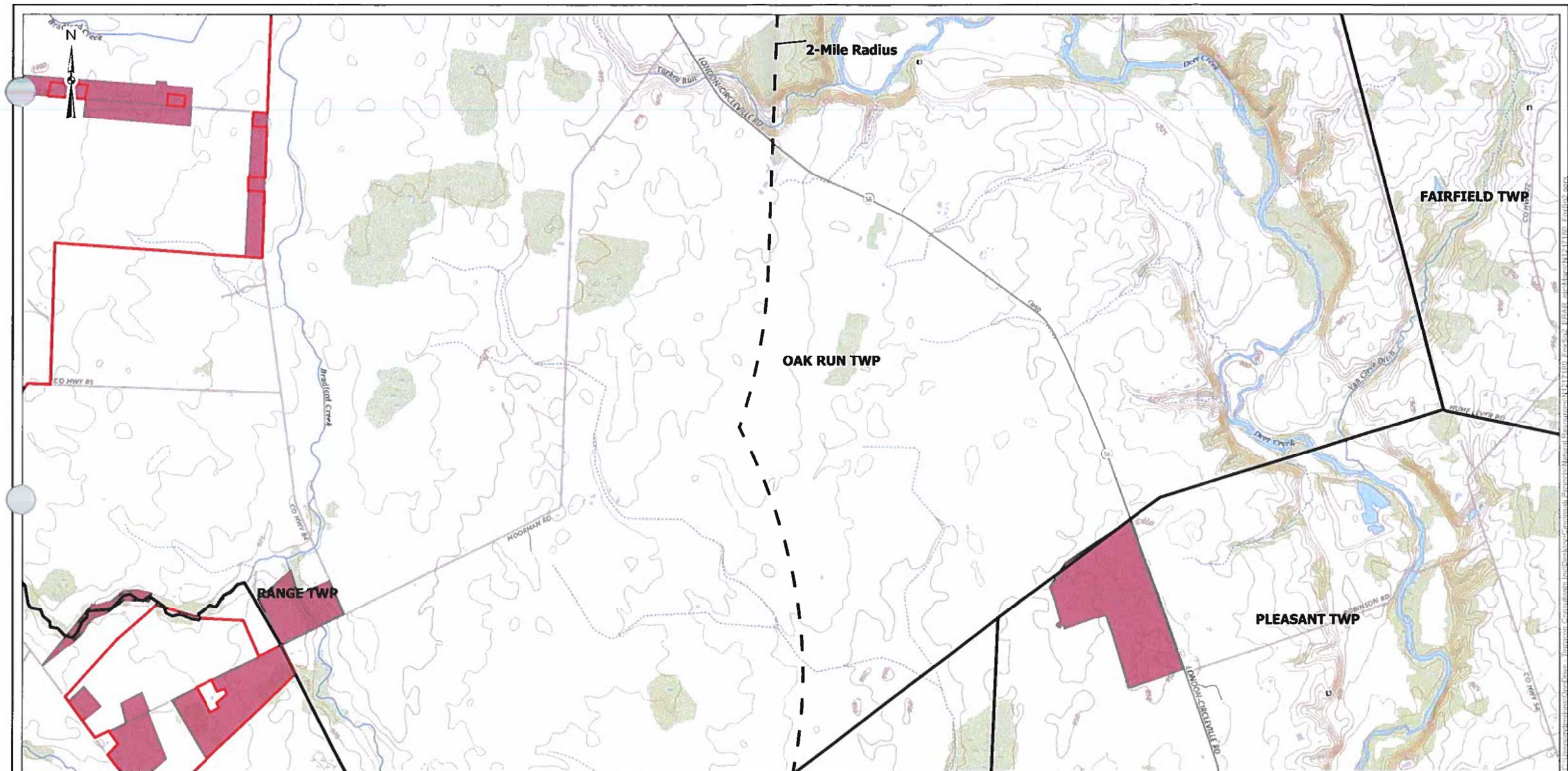
#### Project Two-Mile Radius Map

Ohio Power Siting Board Application Figures  
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Yankeetown-Chenoweth Road  
Madison County, Ohio

#### Exhibit

**3-1**





- Boundary Change Area
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- Township Boundaries

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Scale: 1:24,000

0 0.25 0.5 1 Miles

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**Project Two-Mile Radius Map**

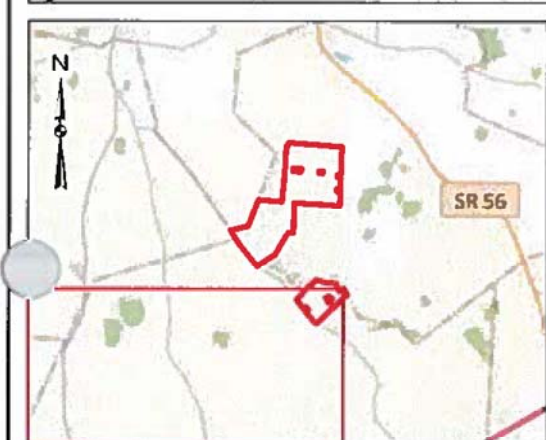
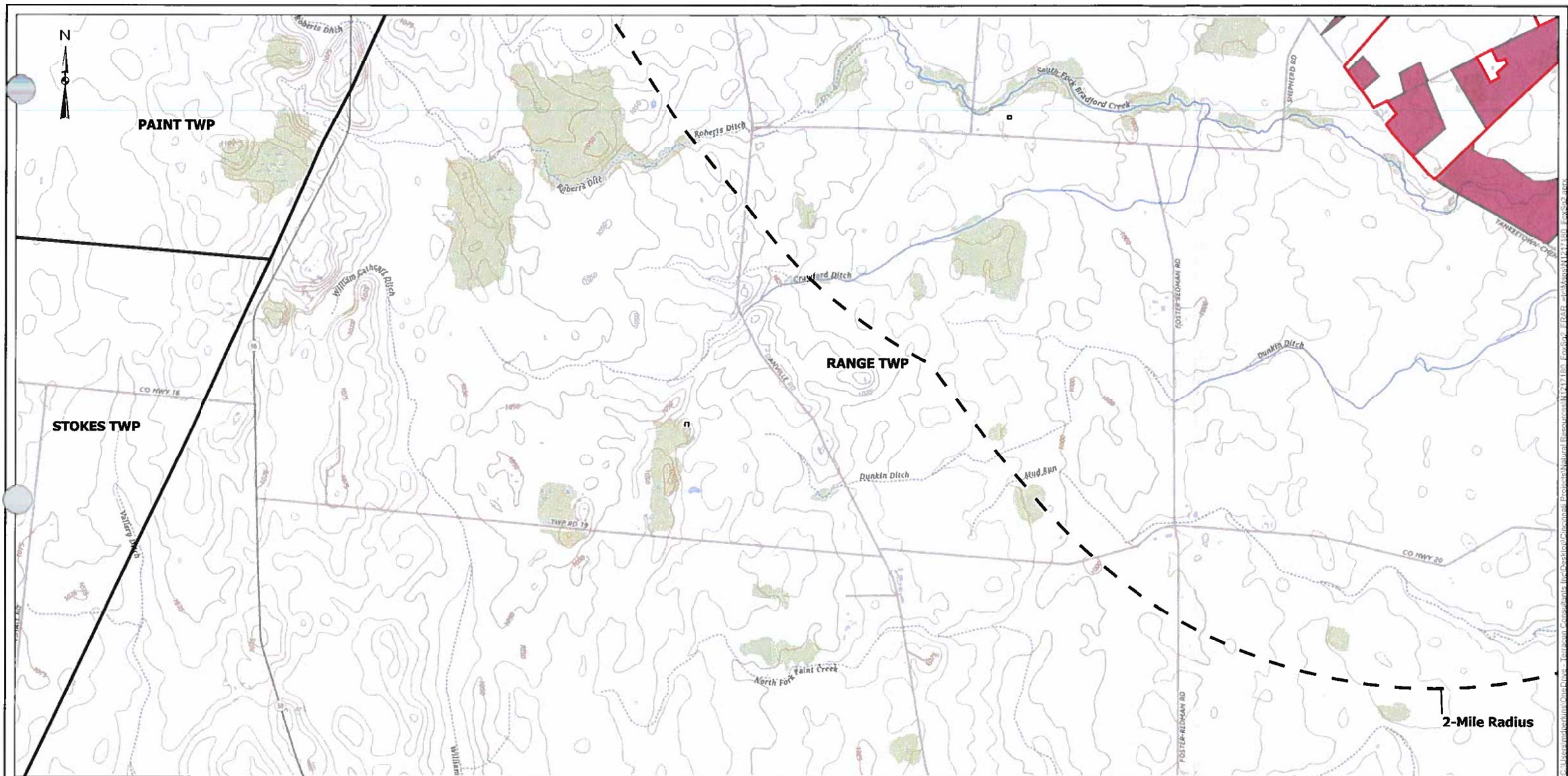
Ohio Power Siting Board Application Figures  
Fox Squirrel Solar Project Boundary Change Area  
Yankeetown-Chenoweth Road  
Madison County, Ohio

**Exhibit**

**3-1**

Page 4 of 6

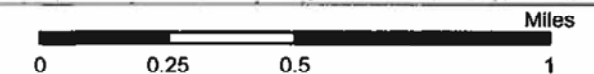




- Boundary Change Area
- 2-Mile Radius
- Do Not Disturb Areas
- Township Boundaries

DATA SOURCES:  
ESRI WMS - World Aerial Imagery, OpenStreetMap

Walnut Run, OH and Big Plain, OH USGS 7.5'  
Topographic Quadrangles



Scale: 1:24,000

Page 5 of 6

Project No.:  
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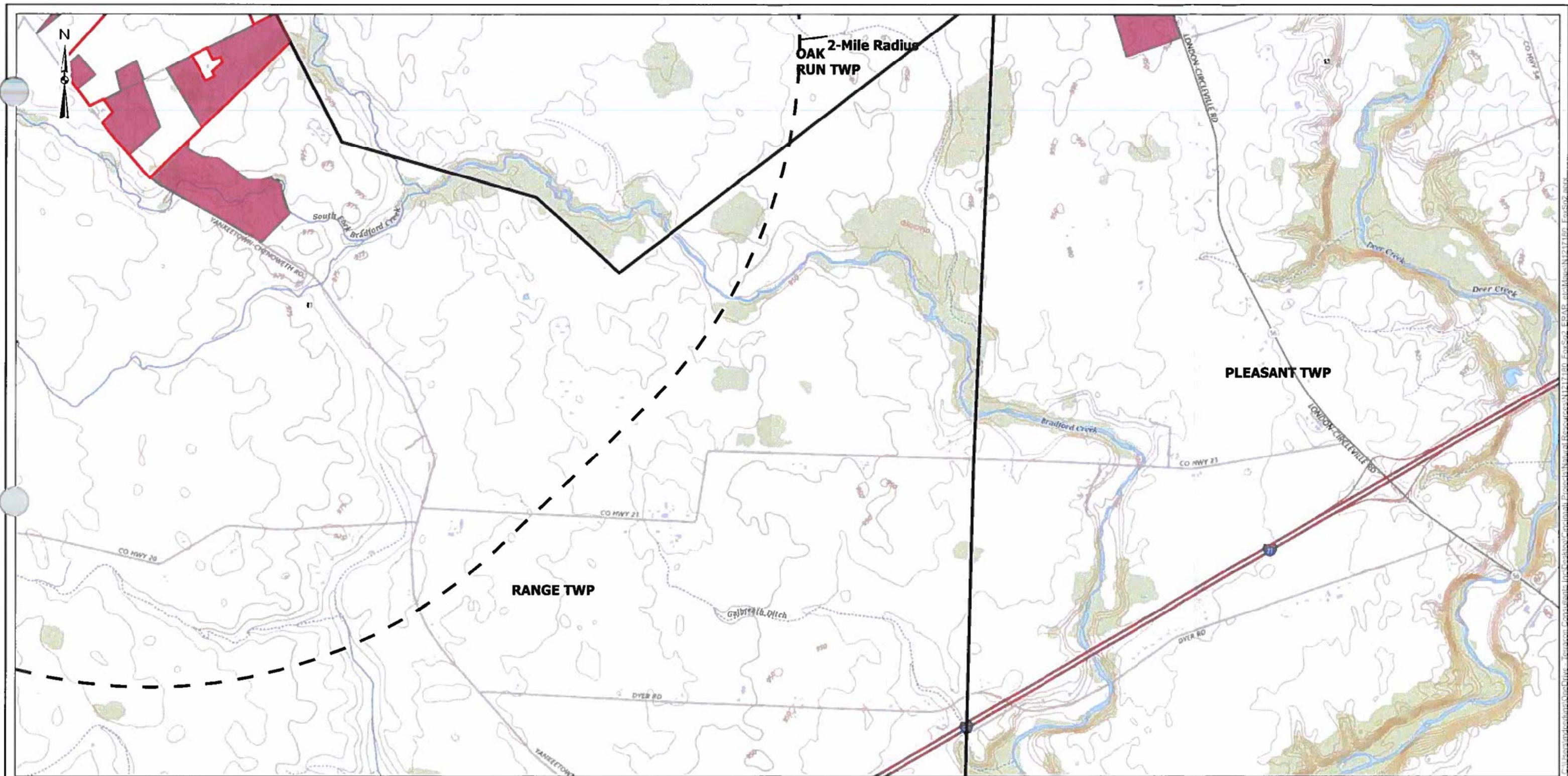
#### Project Two-Mile Radius Map

Ohio Power Siting Board Application Figures  
Fox Squirrel Solar Project Boundary Change Area  
Yankeetown-Chenoweth Road  
Madison County, Ohio

#### Exhibit

**3-1**





- Boundary Change Area
- 2-Mile Radius
- Do Not Disturb Areas
- Township Boundaries

DATA SOURCES:  
ESRI WMS - World Aerial Imagery, OpenStreetMap

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Topographic Quadrangles

Miles  
0 0.25 0.5 1

Scale: 1:24,000

Page 6 of 6

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#### Project Two-Mile Radius Map

Ohio Power Siting Board Application Figures  
Fox Squirrel Solar Project Boundary Change Area  
Yankeetown-Chenoweth Road  
Madison County, Ohio

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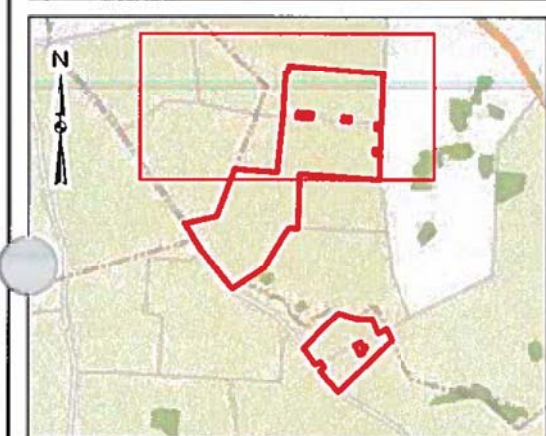
**3-1**



## **Figure 3-2**

### **Boundary Change Area Aerial View**





- Boundary Change Area
- Do Not Disturb Areas
- Panel Area
- Parcel Boundaries

DATA SOURCES:  
ESRI WMS - World Aerial Imagery, OpenStreetMap

Feet  
0 500 1,000 2,000

Scale: 1:12,000

Page 1 of 3

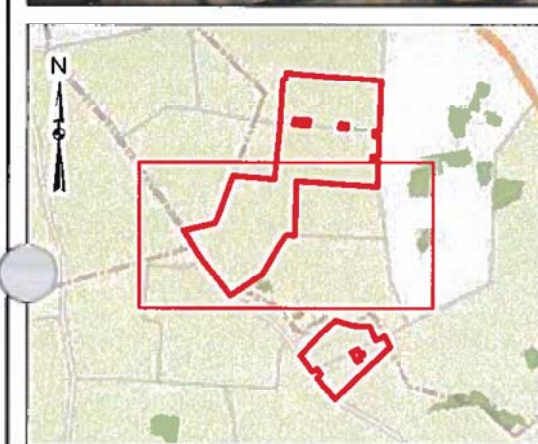
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**Project Area Map**  
Ohio Power Siting Board Application Figures  
Fox Squirrel Solar Project Boundary Change Area  
Yankeetown-Chenoweth Road  
Madison County, Ohio

**Exhibit**  
  
**3-2**





- Boundary Change Area
- Do Not Disturb Areas
- Panel Area
- Parcel Boundaries

DATA SOURCES:  
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Scale: 1:12,000

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**Project Area Map**

Ohio Power Siting Board Application Figures  
Fox Squirrel Solar Project Boundary Change Area  
Yankeetown-Chenoweth Road  
Madison County, Ohio

Page 2 of 3

**Exhibit**

**3-2**





- Boundary Change Area
- Do Not Disturb Areas
- Panel Area
- Parcel Boundaries

DATA SOURCES:  
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Feet  
0 500 1,000 2,000

Scale: 1:12,000

Page 3 of 3

Project No.:  
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**Project Area Map**

Ohio Power Siting Board Application Figures  
Fox Squirrel Solar Project Boundary Change Area  
Yankeeetown-Chenoweth Road  
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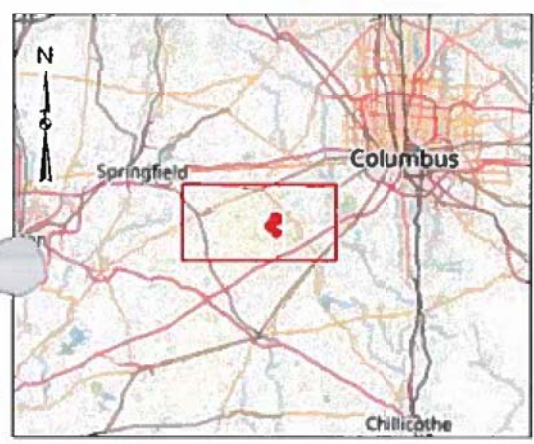
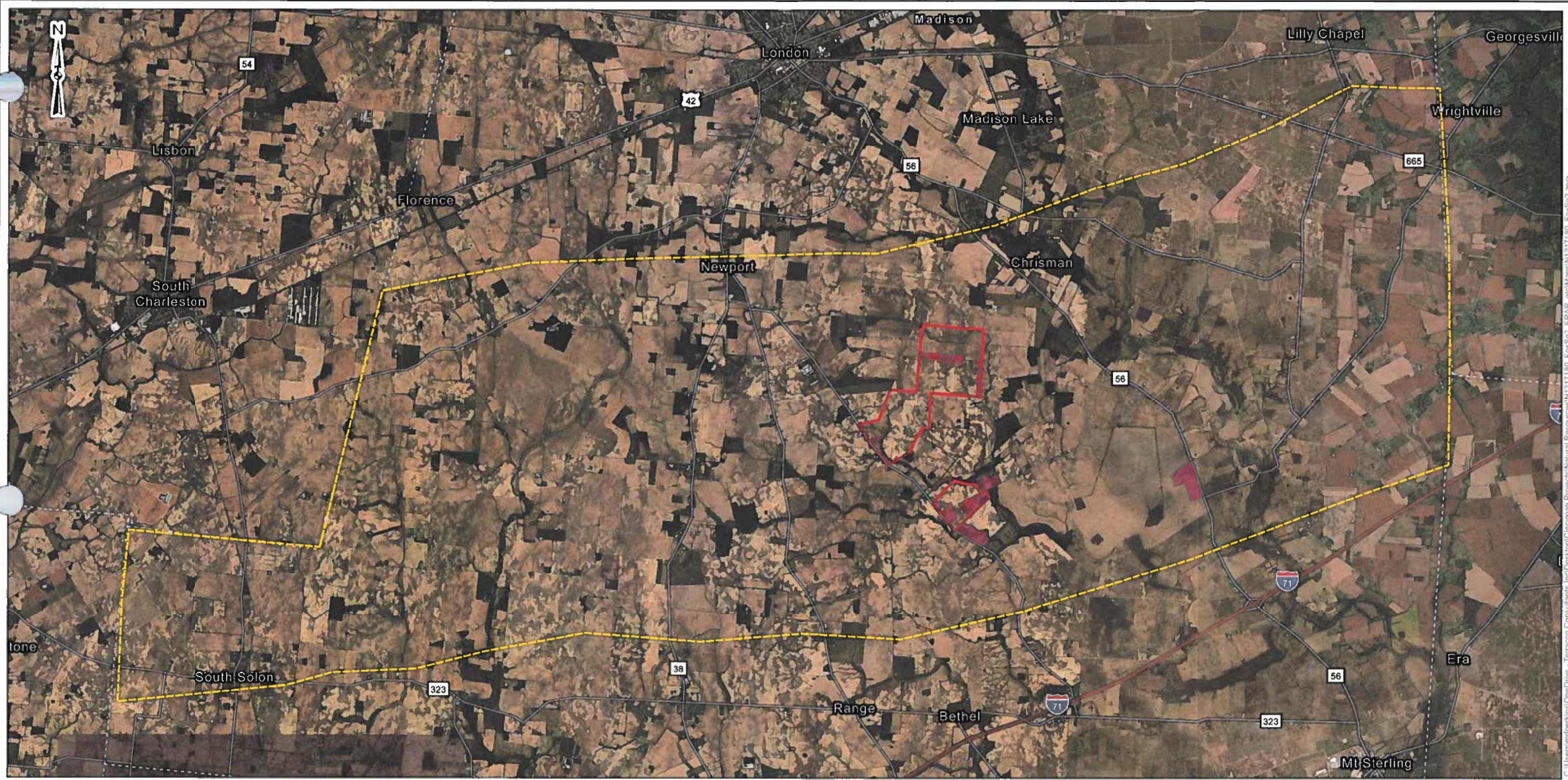
**Exhibit**

**3-2**



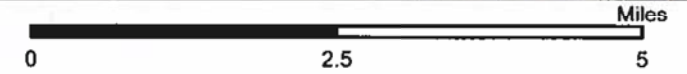
**Figure 4-1**  
**Study Area Map for Boundary Change Area**





- Boundary Change Area
- Do Not Disturb Areas
- Initial Area of Analysis for Project

DATA SOURCES:  
ESRI WMS - World Aerial Imagery, OpenStreetMap



Scale: 1:100,000

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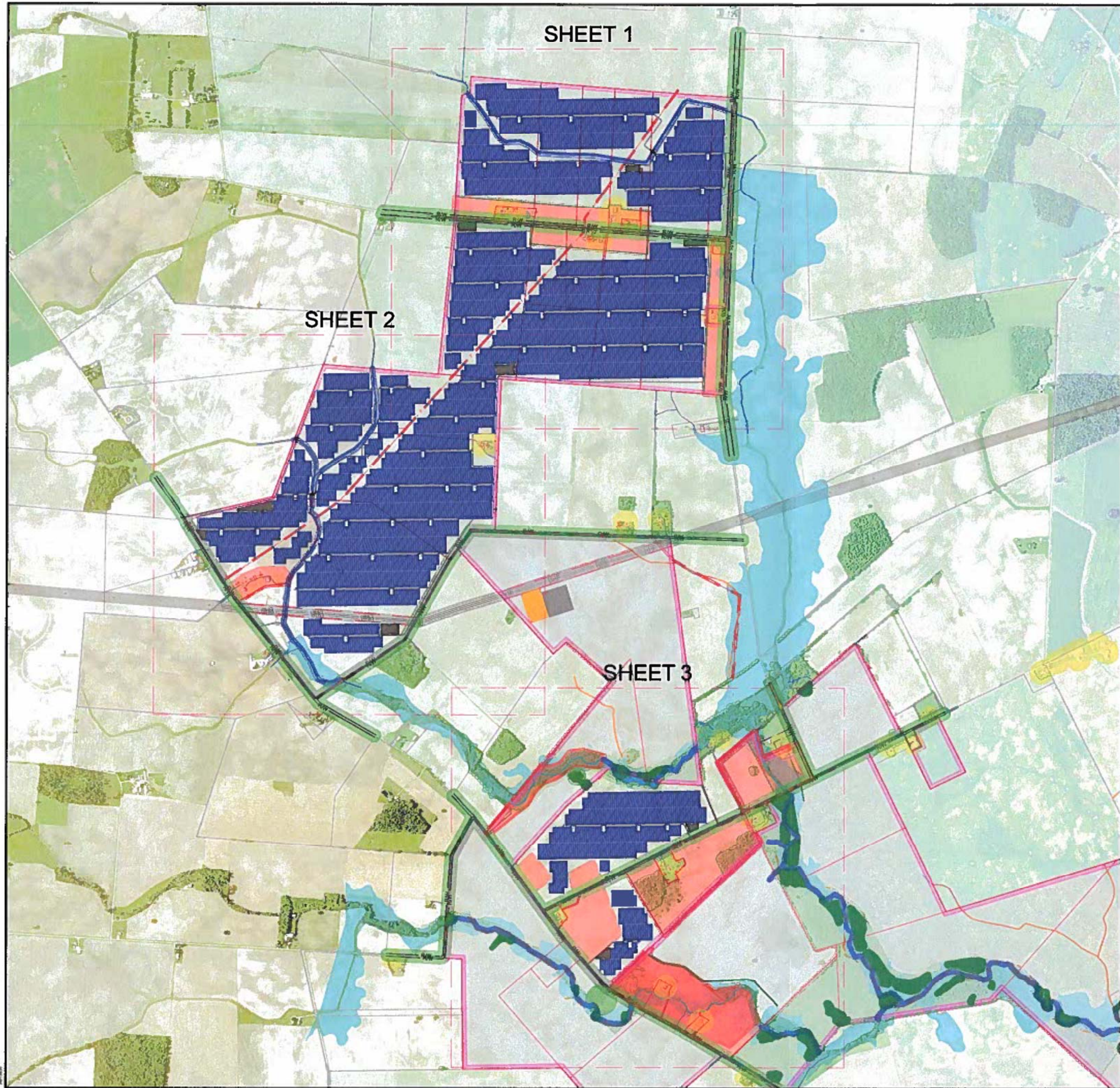
Project Study Area
Ohio Power Siting Board Application Figures Fox Squirrel Solar Project Boundary Change Area Yankeetown-Chenoweth Road Madison County, Ohio

Exhibit
4-1



## **Figure 4-2 Constraints Map**





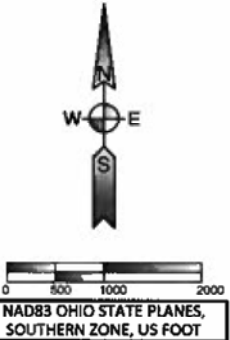
- LEGEND**
- INITIAL PROJECT AREA
  - BOUNDARY CHANGE AREA
  - PROPOSED PV ARRAY
  - PROPOSED INVERTER STATION
  - PROPOSED 20' ACCESS ROAD
  - PROPOSED BRIDGE
  - PROPOSED COLLECTOR SUBSTATION
  - PROPOSED AEP SWITCHYARD
  - TEMPORARY PARKING & LAYDOWN AREA
  - EXISTING OVERHEAD POWER
  - EXISTING TREES
  - ROAD RIGHT-OF-WAY
  - PROPERTY LINE
  - EXISTING EASEMENT
  - DELINEATED STREAM
  - RESIDENTIAL STRUCTURE
  - FIBER OPTIC LINE EASEMENT
  - FIELD DELINEATED WETLANDS
  - FEMA 100 YEAR FLOODPLAIN
  - NO DEVELOPMENT AREA
- SETBACKS**
- WETLANDS
  - STREAMS
  - SLOPES > 15%
  - DITCHES
  - TRANSMISSION LINE
  - ROAD RIGHT-OF-WAY
  - DO NOT DISTURB
  - NON PARTICIPATING
  - RESIDENCE
  - ESA REC BUFFER

SETBACK TABLE		
FEATURE	MINIMUM SETBACK TO SOLAR EQUIPMENT	MINIMUM SETBACK TO FENCE LINE
DITCH EASEMENT	10 ft.	—
FIELD DELINEATED STREAM	50 ft.	25 ft.
FIELD DELINEATED WETLAND	50 ft.	25 ft.
NO DEVELOPMENT AREAS	50 ft.	—
NON-PARTICIPATING PROPERTY LINE	75 ft.	25 ft.
NON-PARTICIPATING RESIDENTIAL STRUCTURE	200 ft.	—
ROAD RIGHT-OF-WAY	100 ft.	25 ft.
TRANSMISSION LINE EASEMENT	25 ft.	—
ROAD CENTERLINE	135 ft.	—
ARCHAEOLOGICAL AREAS	50 ft.	—
FIBER OPTIC EASEMENT	NO INFRASTRUCTURE	NO INFRASTRUCTURE

**Fox Squirrel Solar Project**  
Madison County, Ohio

Rev	Date	Description	By
0A	09/30/2021	SITE CONSTRAINTS	CSS

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renewables  
15445 Innovation Dr.  
San Diego, CA 92128



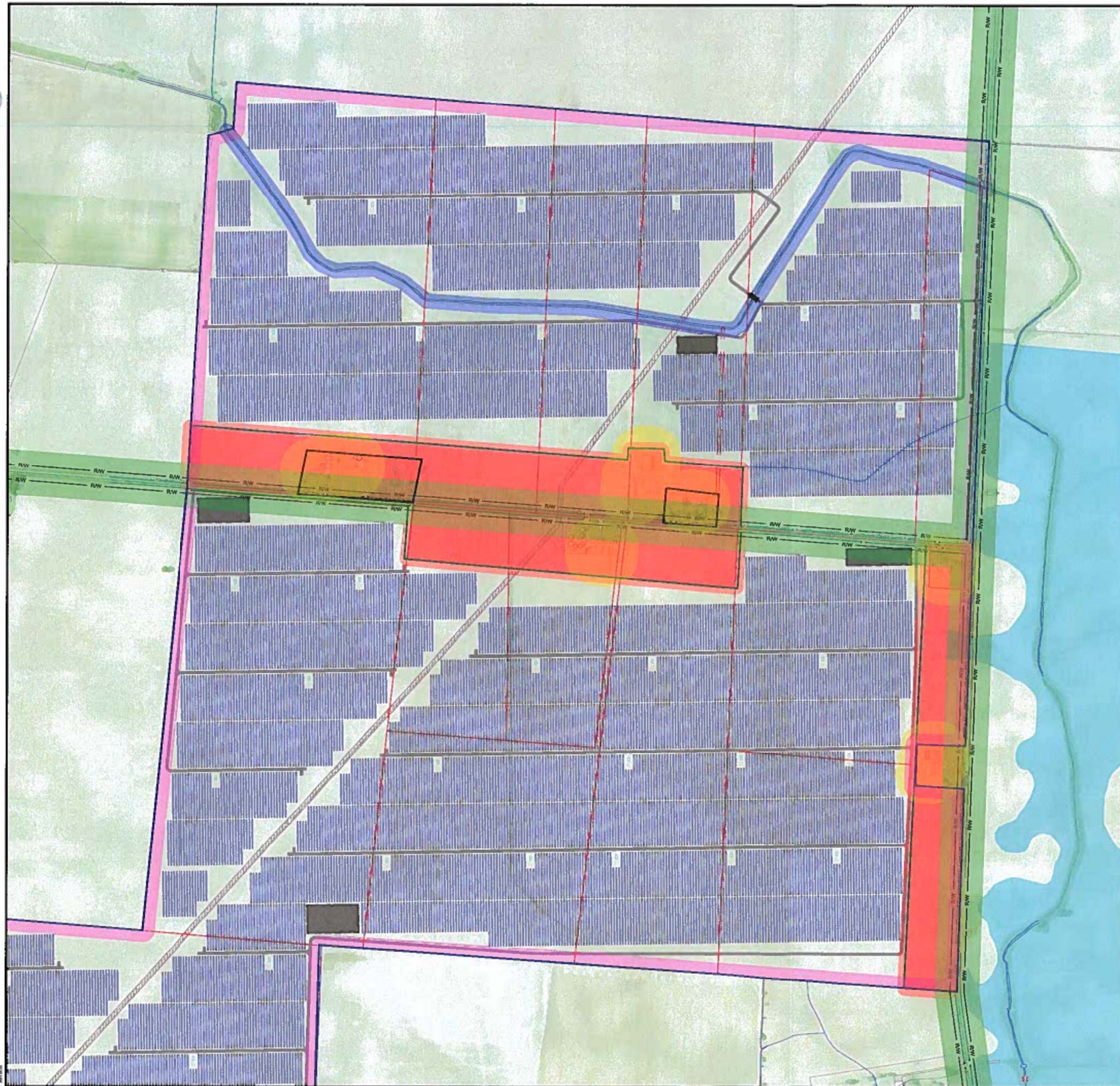
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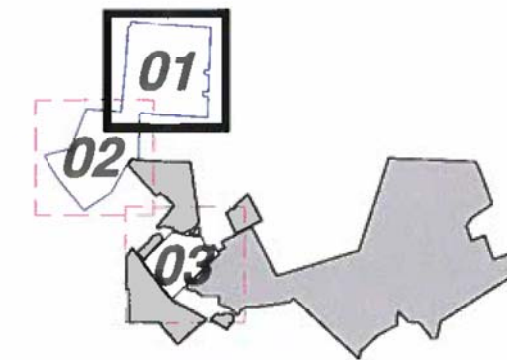
Design By: T. BERENDS  
Drawn By: B. PEDERSON  
Approved By: C. SMAALADEN  
Project Number: 21.00665

**OVERALL SITE  
CONSTRAINTS**





- LEGEND**
- INITIAL PROJECT AREA
  - BOUNDARY CHANGE AREA
  - PROPOSED PV ARRAY
  - PROPOSED INVERTER STATION
  - PROPOSED 20' ACCESS ROAD
  - PROPOSED BRIDGE
  - PROPOSED COLLECTOR SUBSTATION
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  - TEMPORARY PARKING & LAYDOWN AREA
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  - EXISTING TREES
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  - EXISTING EASEMENT
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  - FIELD DELINEATED WETLANDS
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  - DITCHES
  - TRANSMISSION LINE
  - ROAD RIGHT-OF-WAY
  - DO NOT DISTURB
  - NON PARTICIPATING
  - RESIDENCE
  - ESA REC BUFFER

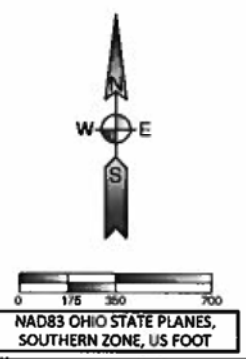


KEYMAP

**Fox Squirrel Solar Project**  
Madison County, Ohio

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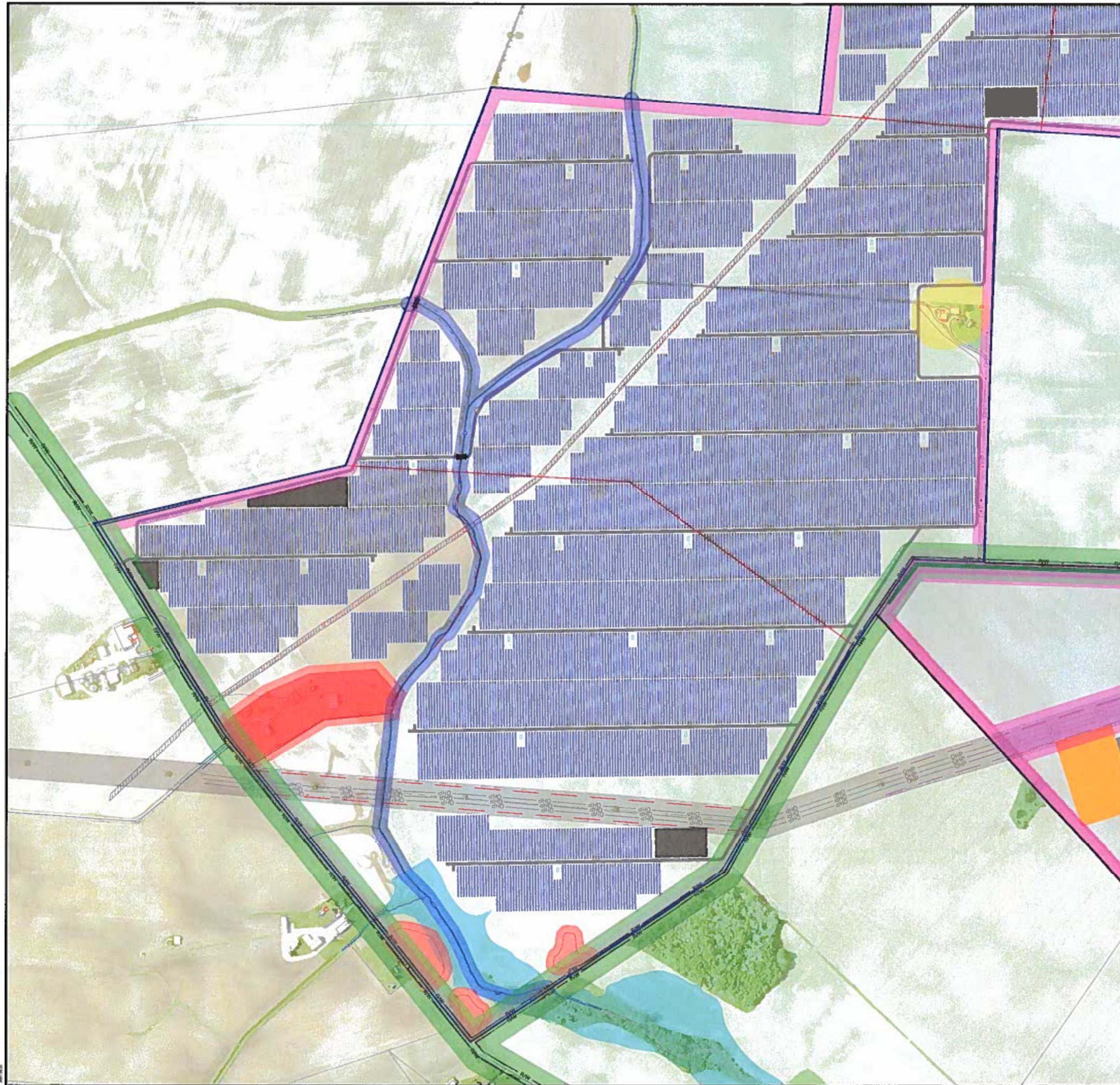
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Drawn By: B. PEDERSON  
Approved By: C. SMAALADEN  
Project Number: 21.00885

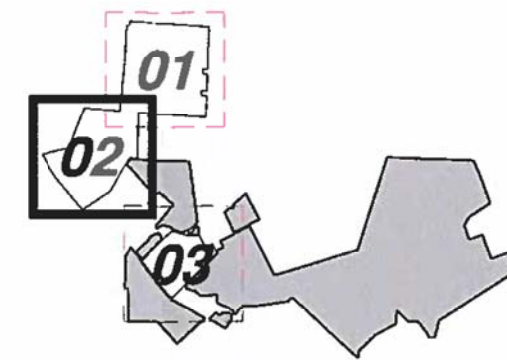
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Fargo, North Dakota 58104  
Phone: 701.290.8500  
Fax: 701.237.3191  
www.ultieg.com

**SITE CONSTRAINTS**  
(1 OF 3)





- LEGEND**
- INITIAL PROJECT AREA
  - BOUNDARY CHANGE AREA
  - PROPOSED PV ARRAY
  - PROPOSED INVERTER STATION
  - PROPOSED 20' ACCESS ROAD
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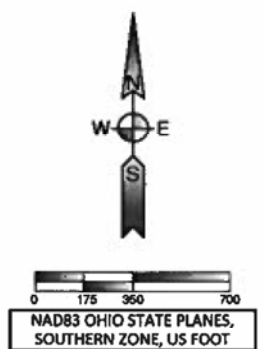


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**Fox Squirrel Solar Project**  
Madison County, Ohio

Rev	Date	Description	By
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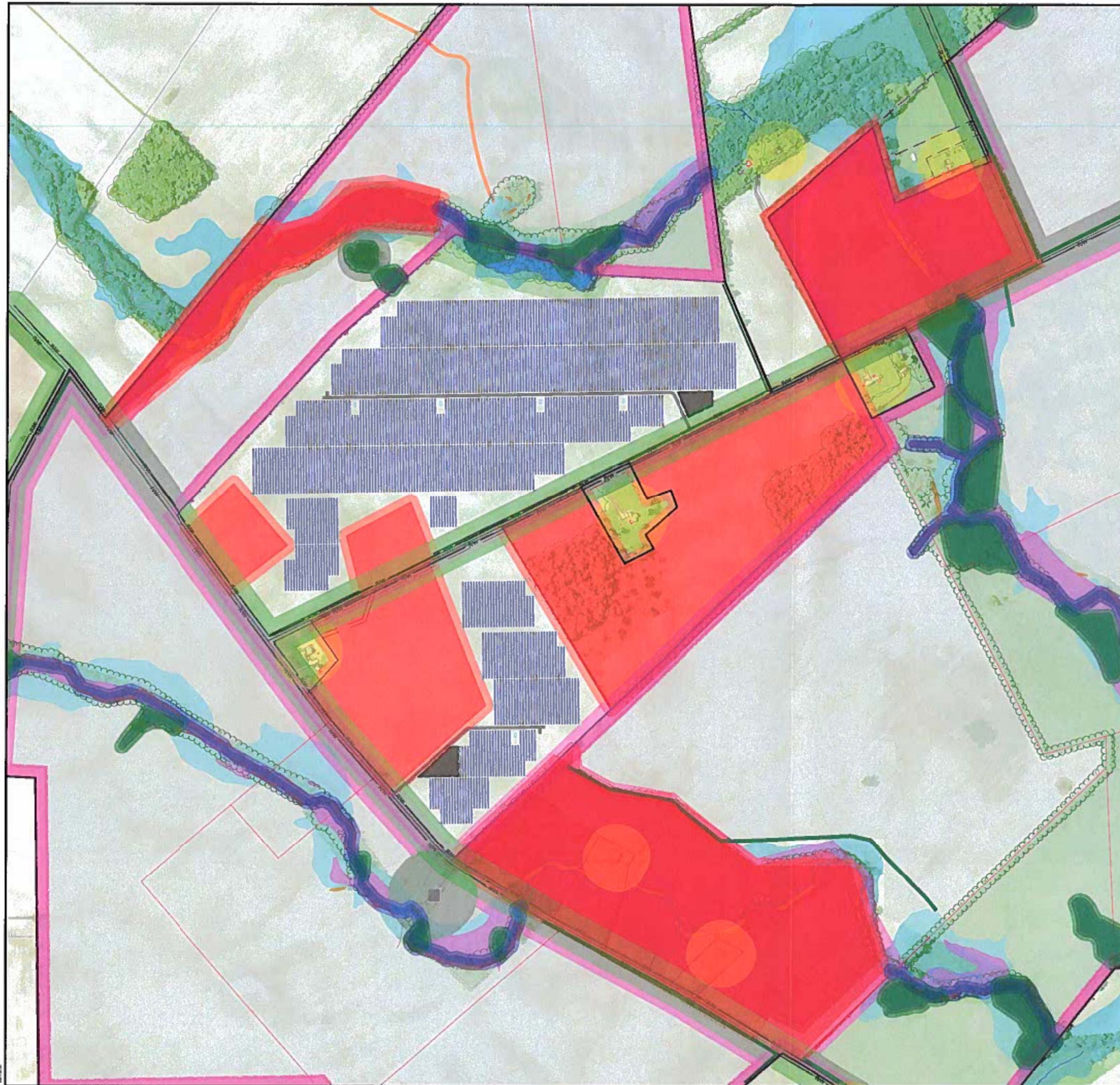
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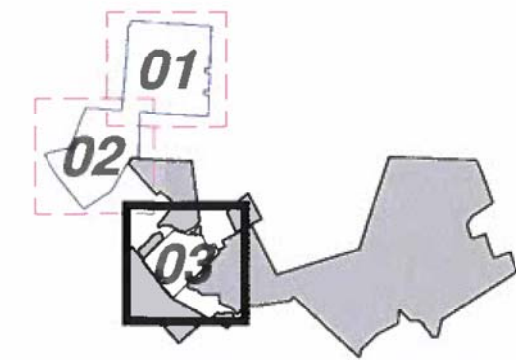
Design By: T. BERENDS  
Drawn By: B. PEDERSON  
Approved By: C. SMAALADEN  
Project Number: 21.00665

SITE CONSTRAINTS  
(2 OF 3)





- LEGEND**
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  - BOUNDARY CHANGE AREA
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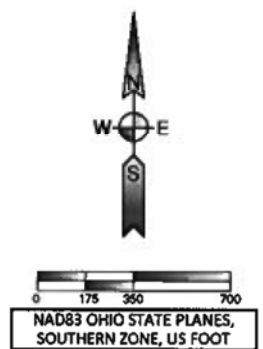


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**Fox Squirrel Solar Project**  
Madison County, Ohio

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0A	09/30/2021	SITE CONSTRAINTS	CSS

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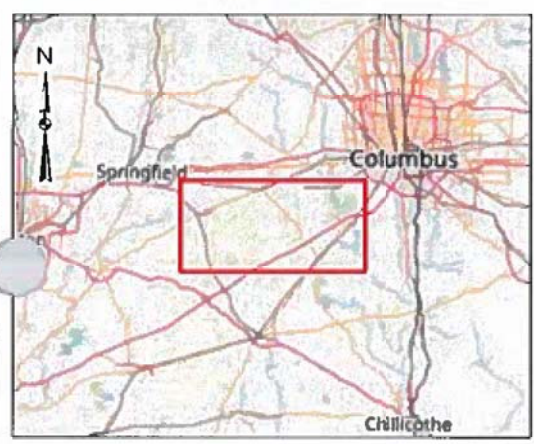
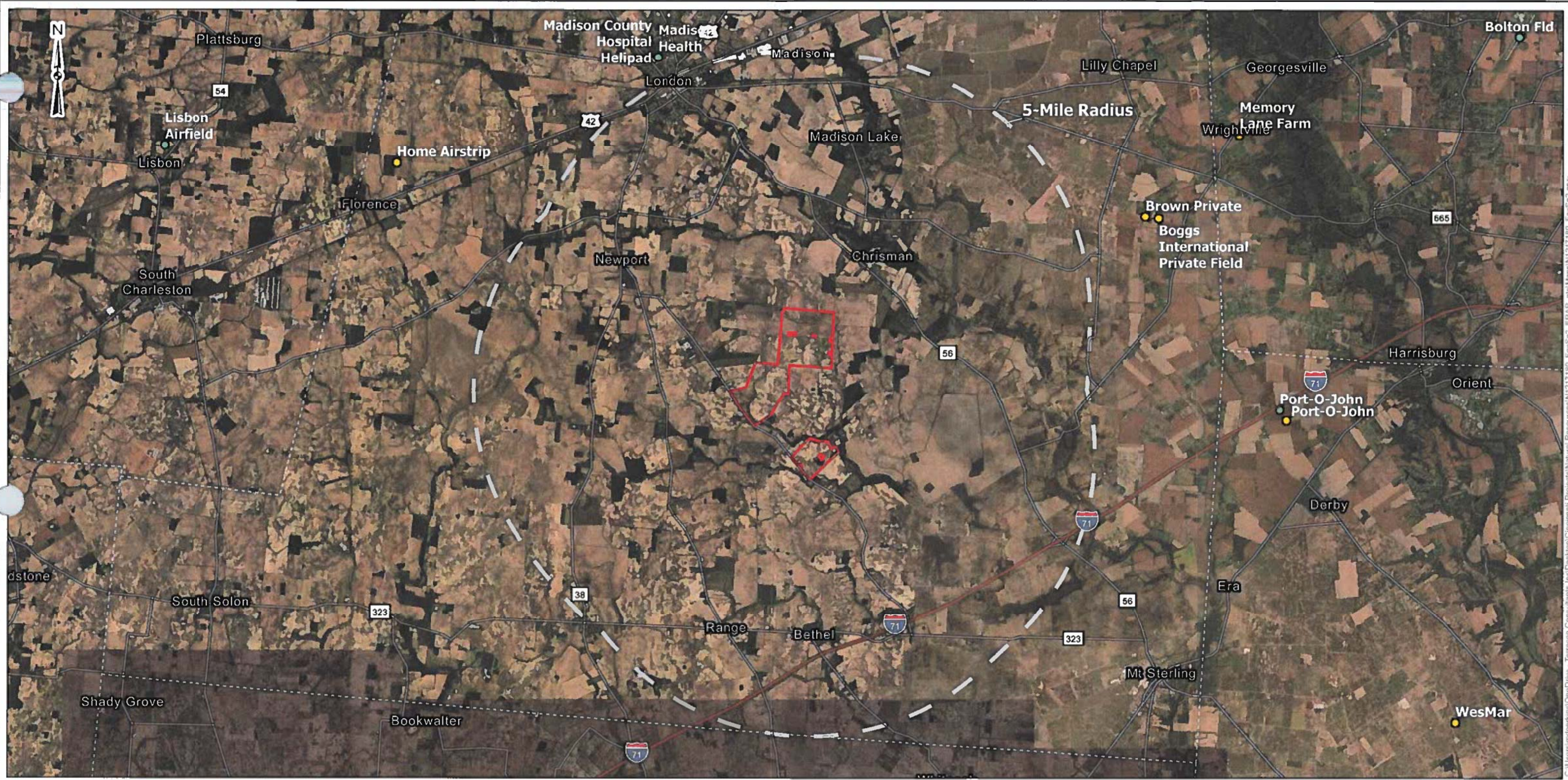
Design By: T. BERENDS  
Drawn By: B. PEDERSON  
Approved By: C. SMAALADEN  
Project Number: 21.00865

**SITE CONSTRAINTS**  
(3 OF 3)



## **Figure 7-1 Aviation Facilities**

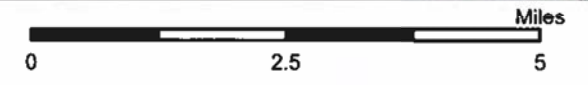




- Boundary Change Area
- 5-Mile Radius
- Airports
- Heliports

**Aviation facilities are not present within 5 miles of the Boundary Change Area.**

DATA SOURCES:  
ESRI WMS - World Aerial Imagery, OpenStreetMap



1:120,000

Project No.:  
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Aviation Facilities
Ohio Power Siting Board Application Figures Fox Squirrel Solar Project Boundary Change Area Yankeetown-Chenoweth Road Madison County, Ohio

Exhibit
7-1



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Summary: Application - 2 of 24 (Figures 3-1 – 7-1) electronically filed by Christine M.T. Pirik  
on behalf of Fox Squirrel Solar, LLC