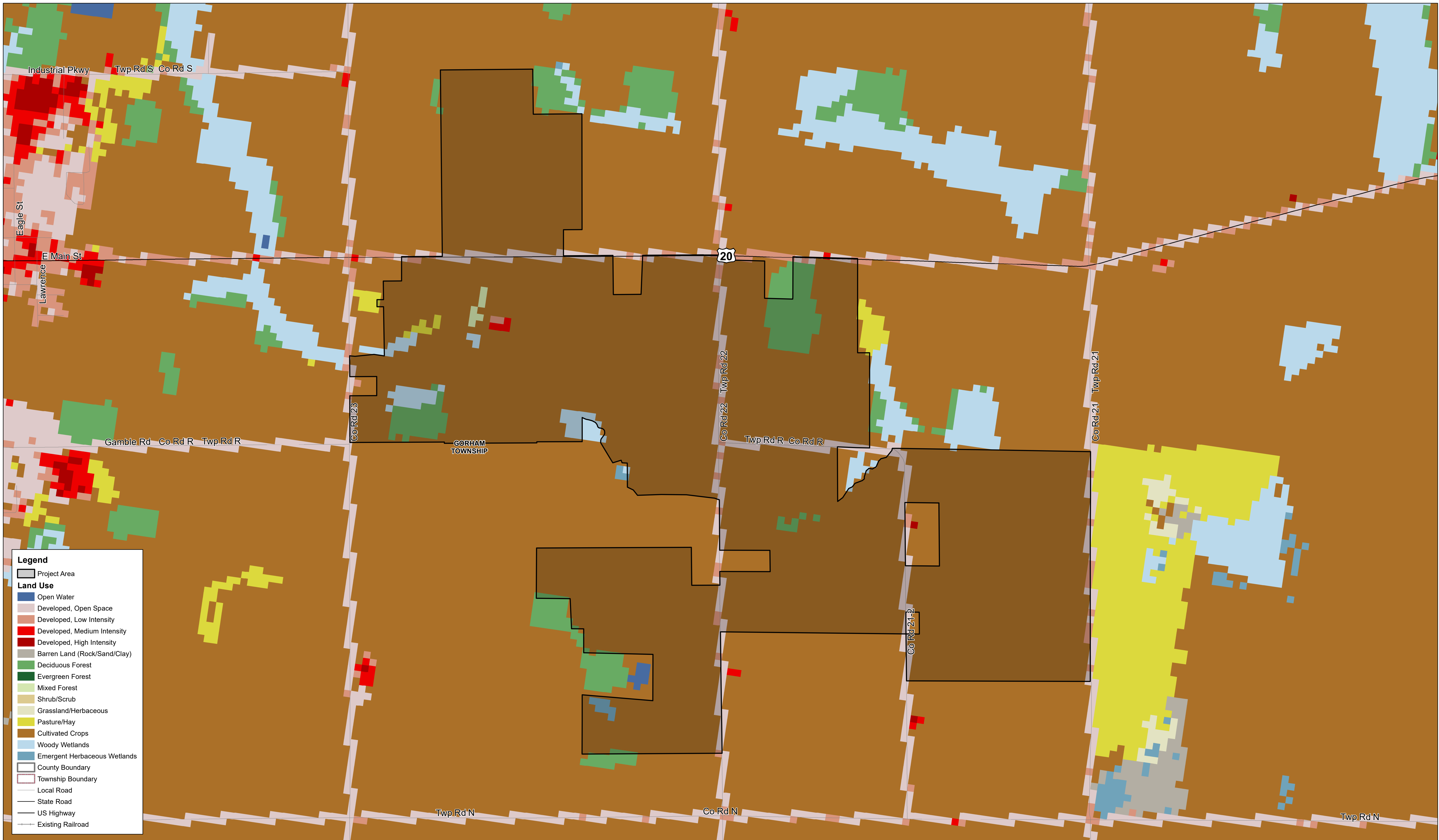


Arche Energy Project, LLC

APPENDIX

A

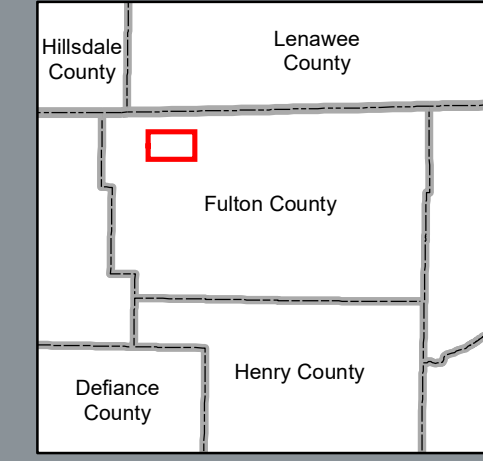
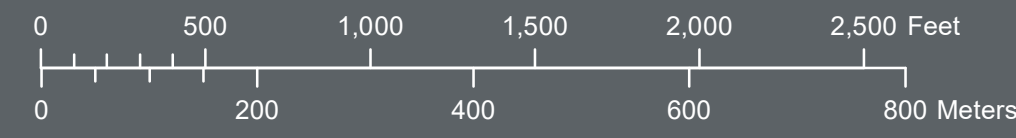
PROJECT AREA FIGURES



**Legend**

- Project Area
- Land Use**
- Open Water
- Developed, Open Space
- Developed, Low Intensity
- Developed, Medium Intensity
- Developed, High Intensity
- Barren Land (Rock/Sand/Clay)
- Deciduous Forest
- Evergreen Forest
- Mixed Forest
- Shrub/Scrub
- Grassland/Herbaceous
- Pasture/Hay
- Cultivated Crops
- Woody Wetlands
- Emergent Herbaceous Wetlands
- County Boundary
- Township Boundary
- Local Road
- State Road
- US Highway
- Existing Railroad

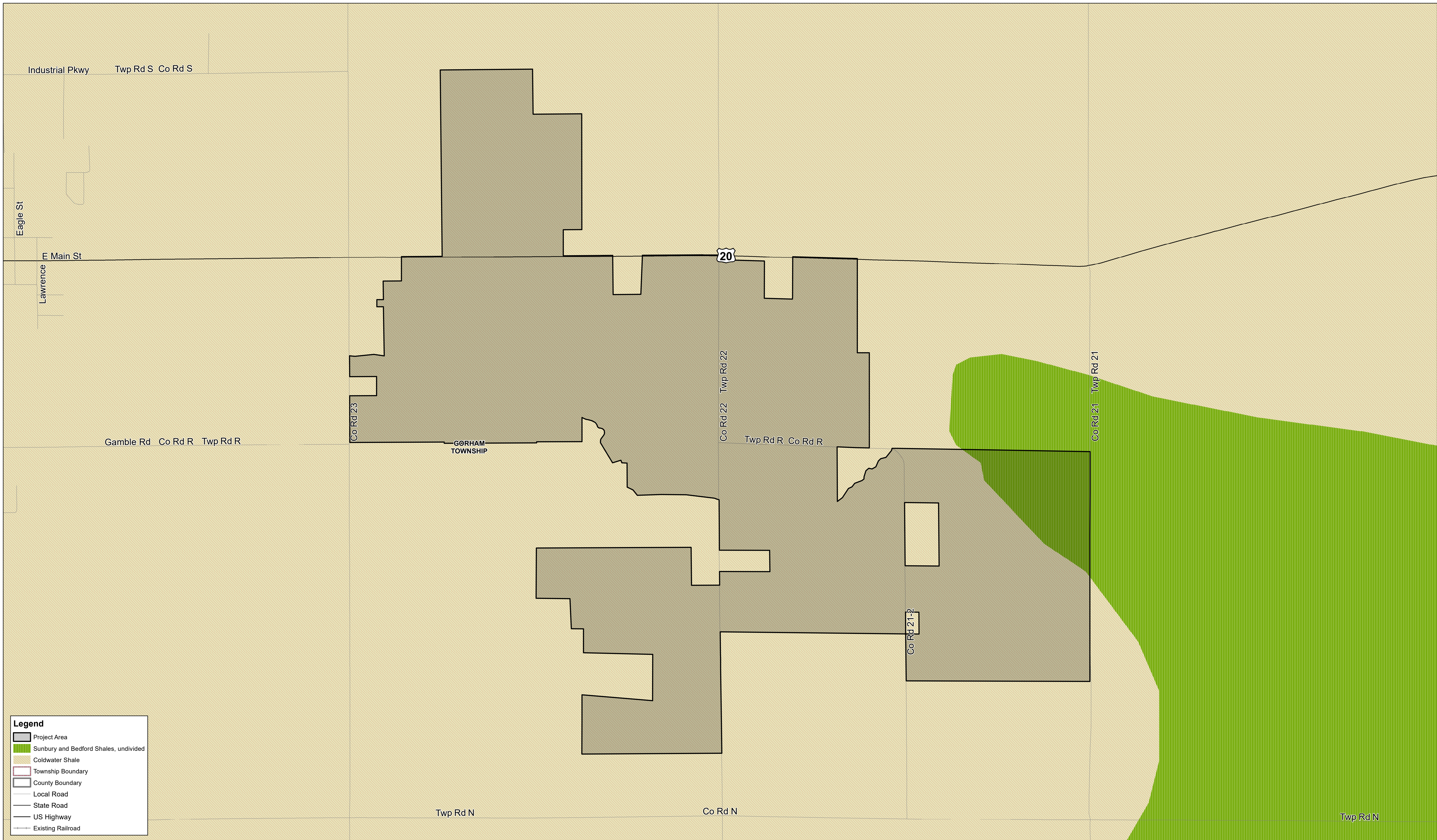
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**Figure A.1 - Land Use**  
**Arche Solar Project**  
**Fulton County, Ohio**



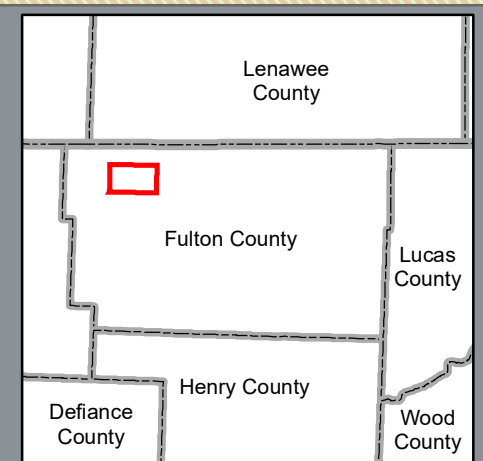
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**Legend**

- Project Area
- Sunbury and Bedford Shales, undivided
- Coldwater Shale
- Township Boundary
- County Boundary
- Local Road
- State Road
- US Highway
- Existing Railroad

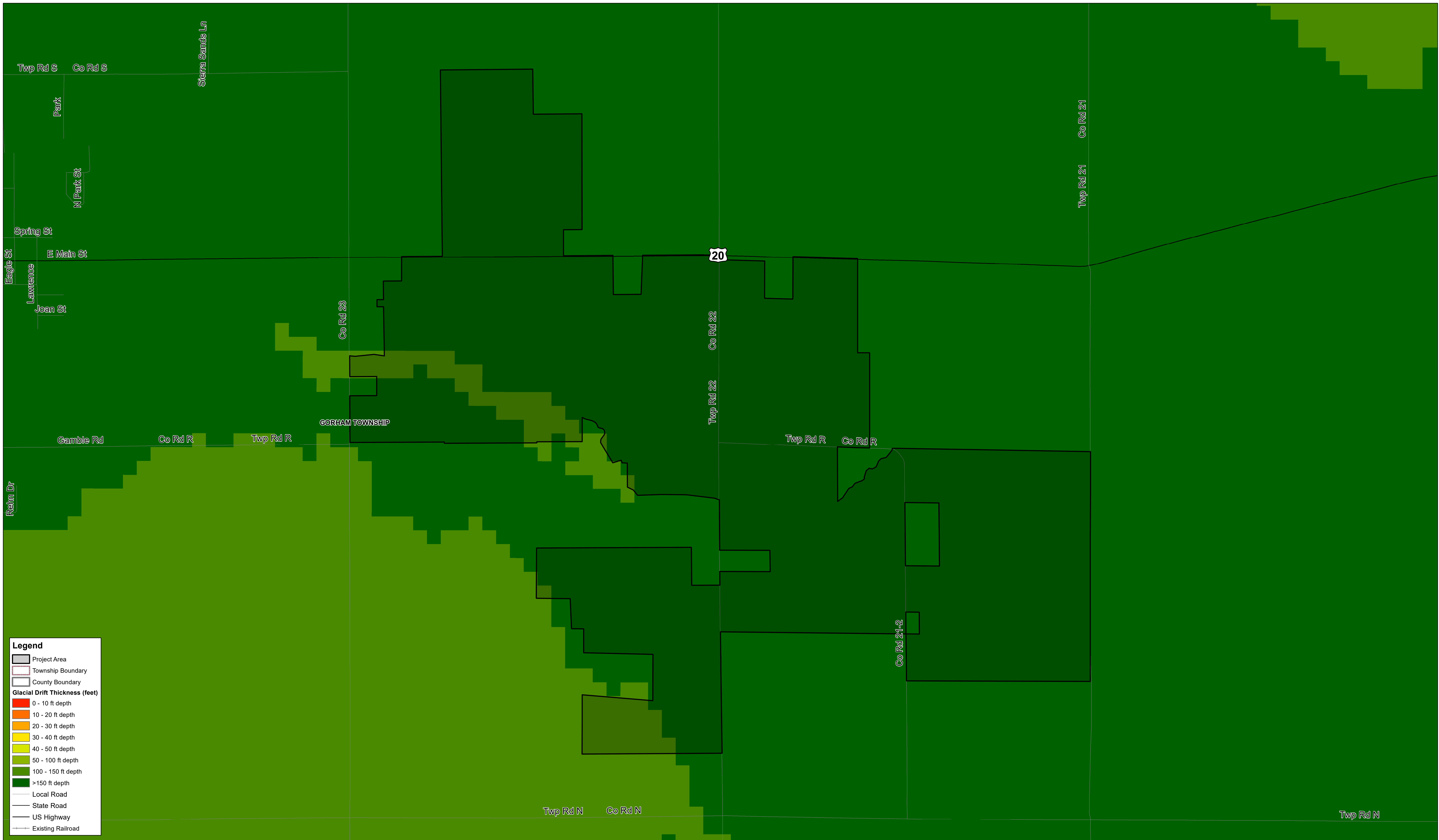
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**Figure A.2 - Bedrock Geology**  
**Arche Solar Project**  
**Fulton County, Ohio**

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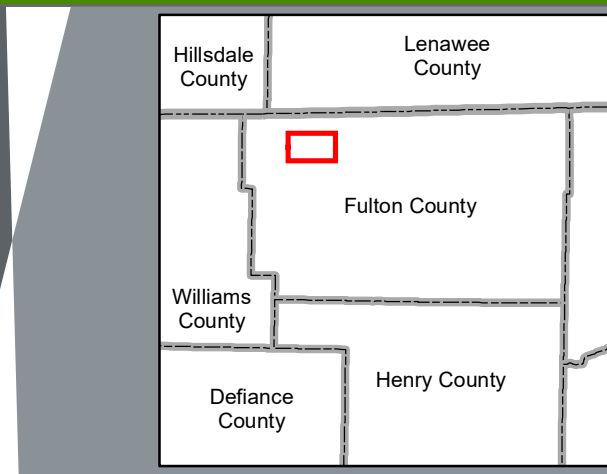
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 Data Source(s): 7x Energy (2019)  
 County Boundaries, Railroads:  
 ESRI Data and Maps (2014)  
 Township and City Boundaries  
 Ohio DOT (2010)  
 Geology: Ohio DNR (2007)  
 Roads: U.S. Census Bureau Tiger  
 Files (2018)

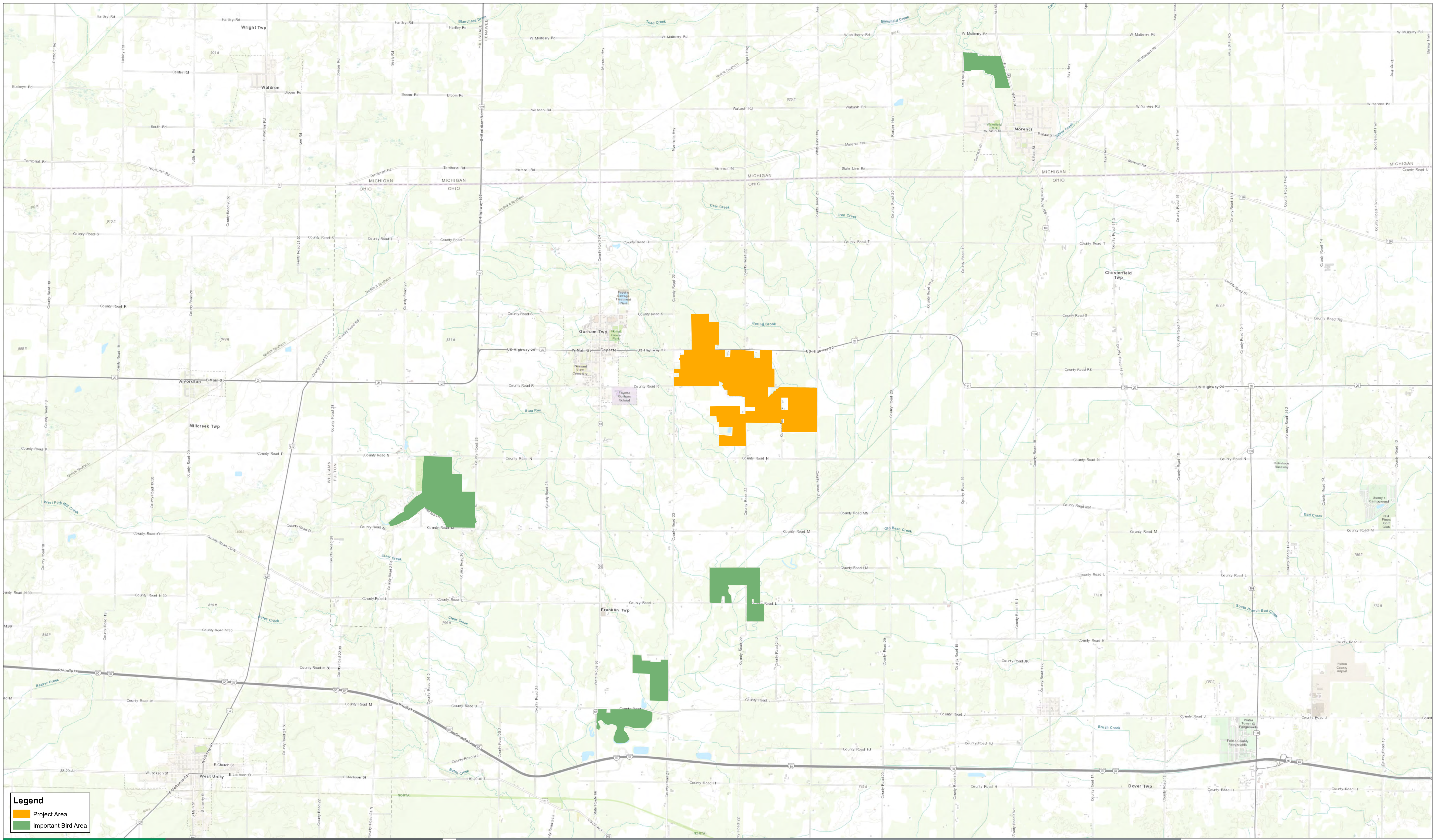
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0 500 1,000 1,500 2,000 2,500 Feet  
 0 200 400 600 800 Meters



**Figure A.3 - Glacial Drift**  
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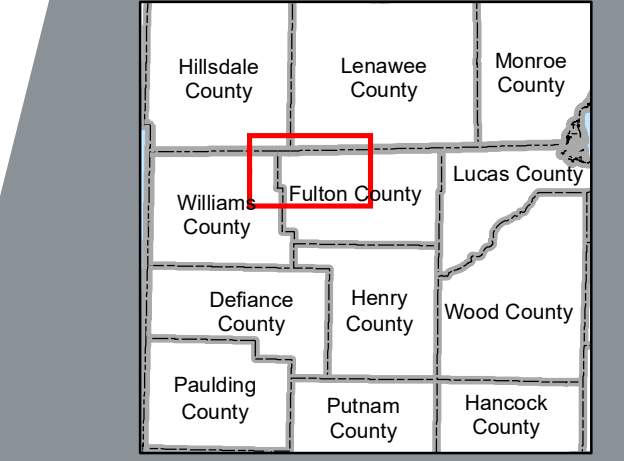


**Legend**

- Project Area
- Important Bird Area

**Data Source(s):** 7x Energy (2019)  
County Boundaries, Parks (2014)

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**Figure A.4 - Regional Wildlife Areas**

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Fulton County, Ohio**



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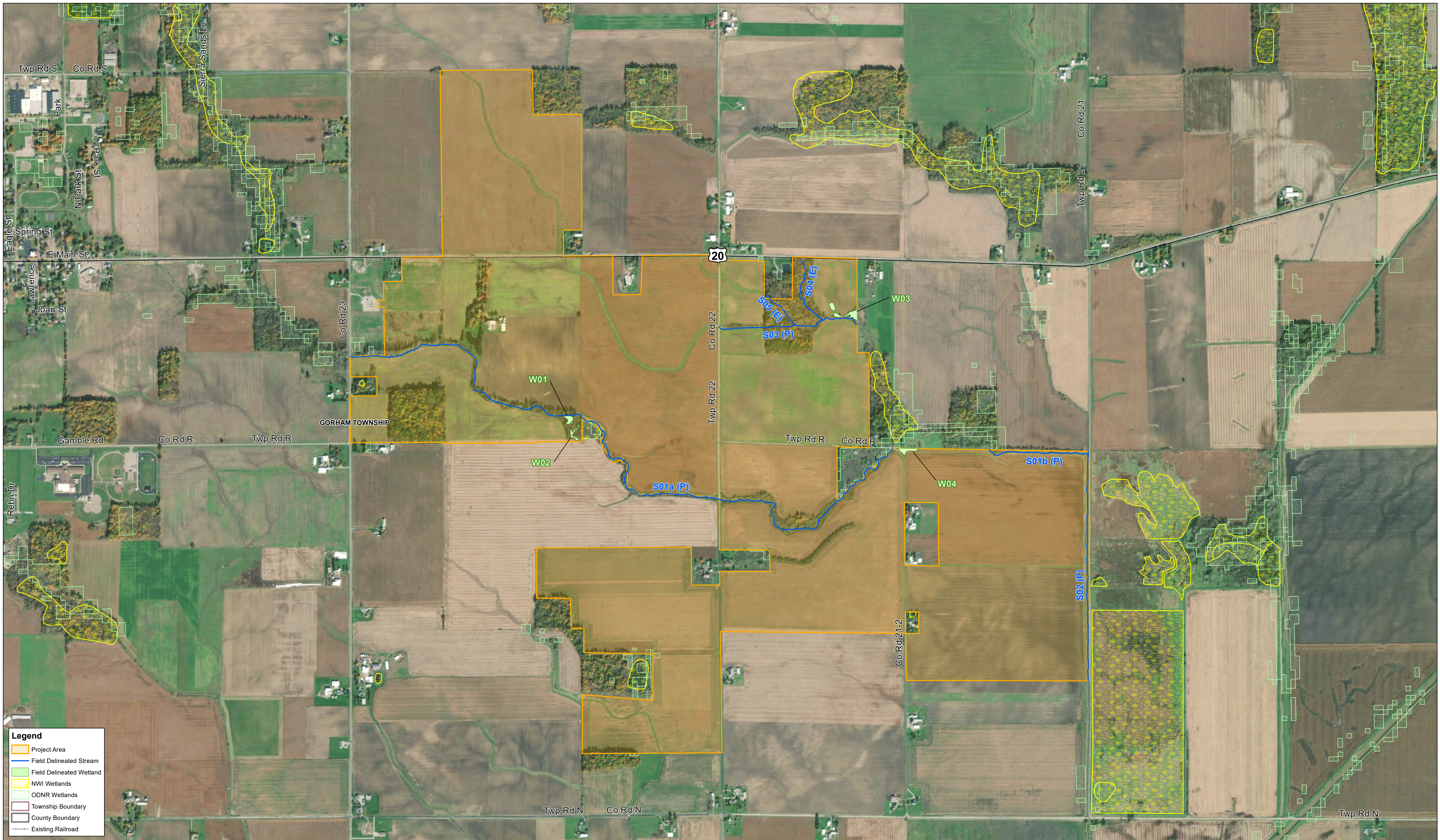
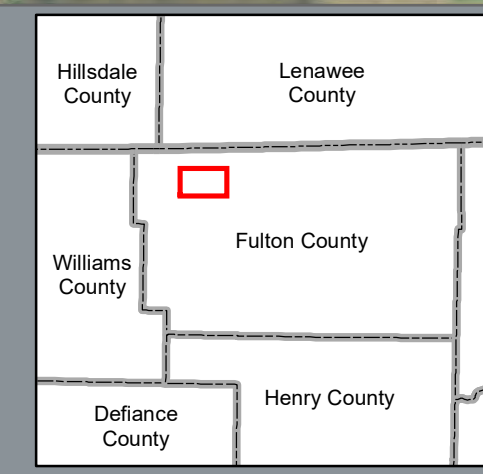
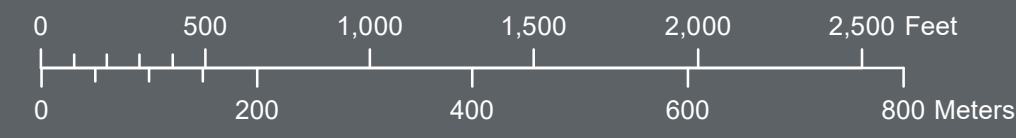


Image: 2016

Data Source(s): 7x Energy (2019)  
 Cardno (2019)  
 County Boundaries, Railroads:  
 ESRI Data and Maps (2014)  
 Township and City Boundaries  
 Ohio DOT (2010)  
 Roads: U.S. Census Bureau Tiger  
 Files (2018)

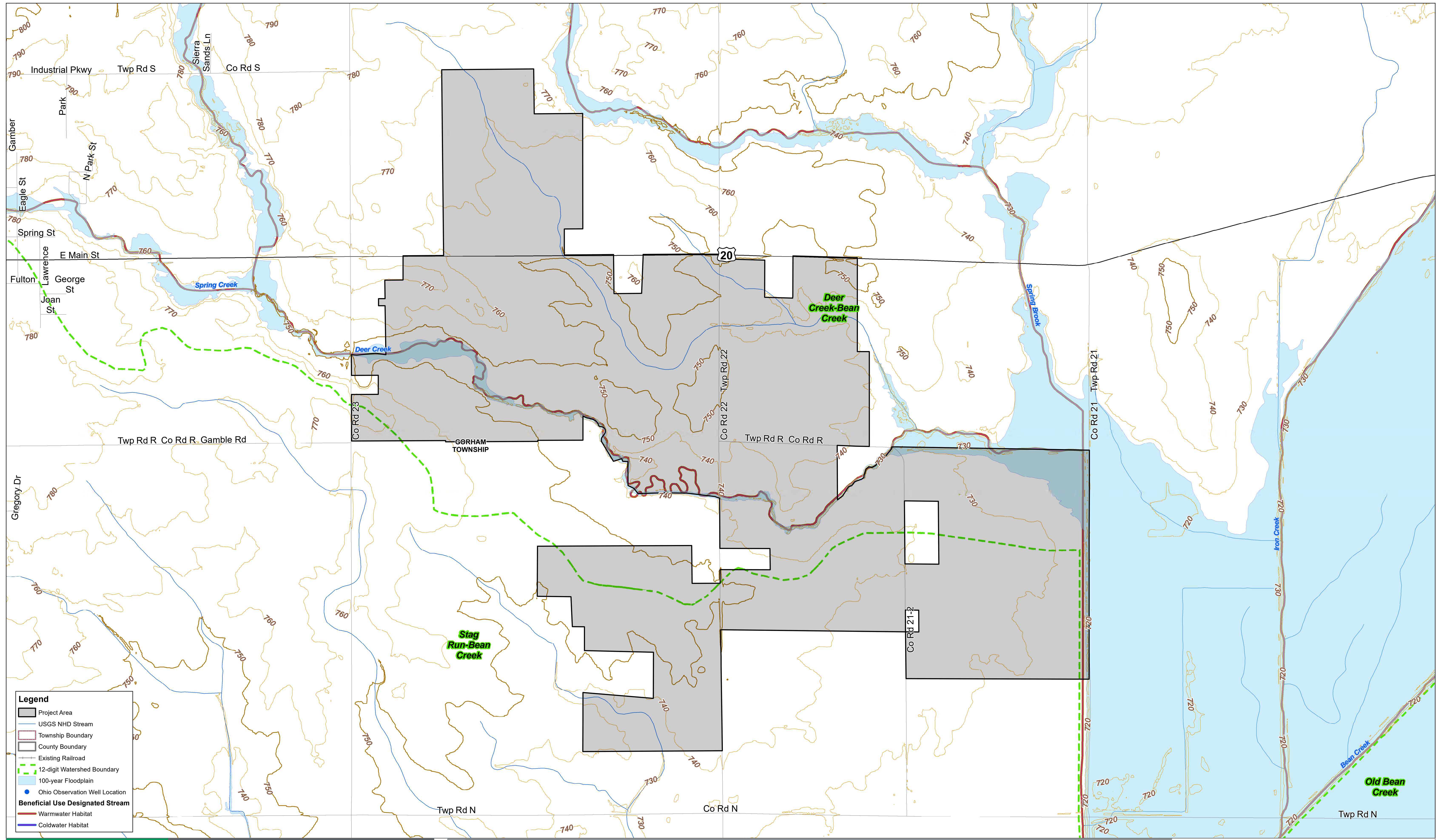
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**Figure A.5 - Wetlands**  
**Arche Solar Project**  
**Fulton County, Ohio**



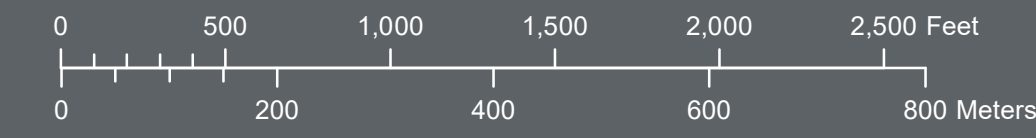
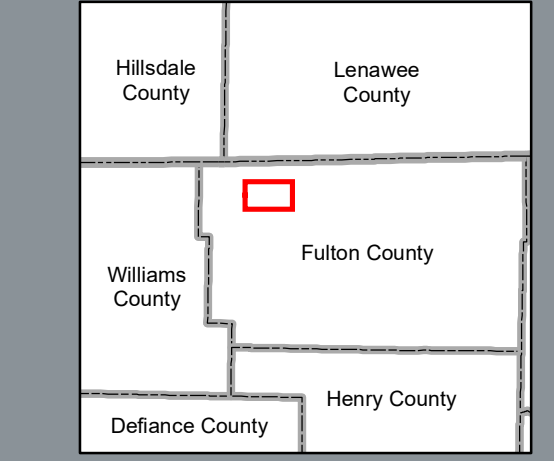
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- Legend**
- Project Area
  - USGS NHD Stream
  - Township Boundary
  - County Boundary
  - Existing Railroad
  - 12-digit Watershed Boundary
  - 100-year Floodplain
  - Ohio Observation Well Location
  - Beneficial Use Designated Stream**
  - Warmwater Habitat
  - Coldwater Habitat

Data Source(s): 7x Energy (2019)  
 County Boundaries, Railroads:  
 ESRI Data and Maps (2014)  
 Township and City Boundaries  
 Ohio DOT (2010)  
 Elevation Contours derived  
 from National Elevation  
 Dataset: 1/9 Arc Second (2006)  
 Roads: U.S. Census Bureau Tiger  
 Files (2016)  
 Watershed: USDA-NRCS (2011)  
 Water Classifications: OEPA (2010)  
 Floodplain, Observation Wells: ODNR

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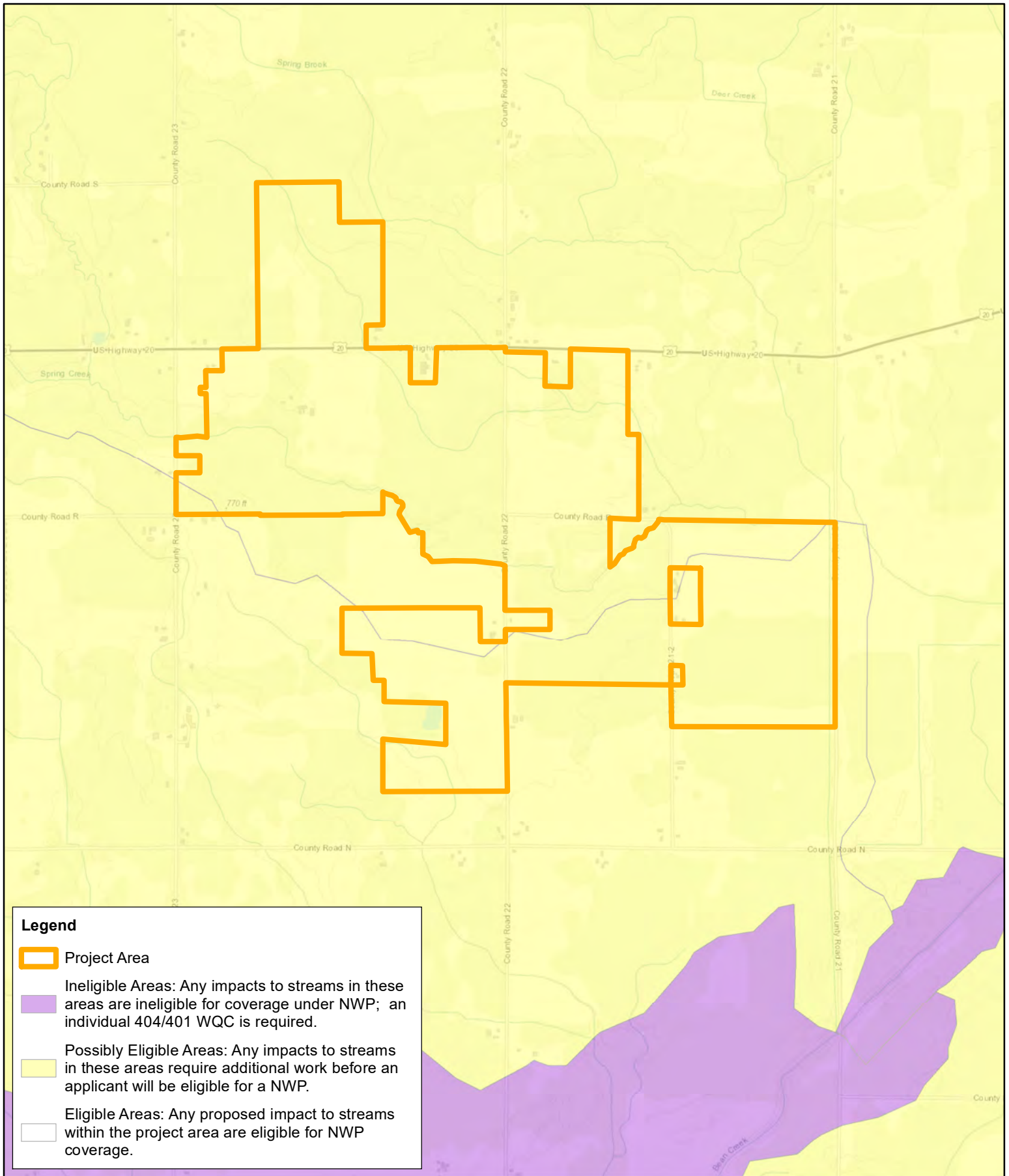


**Figure A.6 - Watersheds**

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**Legend**

- Project Area**
- Ineligible Areas:** Any impacts to streams in these areas are ineligible for coverage under NWP; an individual 404/401 WQC is required.
- Possibly Eligible Areas:** Any impacts to streams in these areas require additional work before an applicant will be eligible for a NWP.
- Eligible Areas:** Any proposed impact to streams within the project area are eligible for NWP coverage.

**Figure A.7 - 401 Water Quality Certification**  
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**Fulton County, Ohio**



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