

LARGE FILING SEPERATOR SHEET

CASE NUMBER: 09-479-EL-BGN

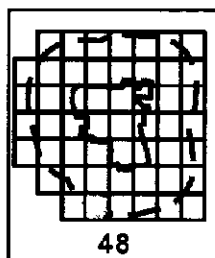
FILE DATE: SEP 18 2009

SECTION: 4

NUMBER OF PAGES: 189

DESCRIPTION OF DOCUMENT:

AMENDED
APPLICATION - HARDIN WIND ENERGY
(CONTINUED)



Legend

- | | | | |
|---|-------------------------|------------------------------|---------------------|
| ⊙ Proposed 1.5 XLE Turbine Location | ⊙ Water Well | — Railroad | — US Highway |
| — Proposed Access Road | ⊙ Microwave Tower | — Existing Transmission Line | — State/County Road |
| — Proposed Collection Routing To 346kV Line | ⊙ School | — River | — Town Road |
| ⊙ Project Study Area | ⊙ Church | ⊙ Wetlands | |
| ⊙ 5-Miles Project Area Setback | ⊙ Hospital | ⊙ Water Body | |
| 10 ft Contour Interval | ⊙ Public Building | ⊙ Park | |
| 100 ft Contour Interval | ⊙ Cemetery | ⊙ Municipal Boundary | |
| | ⊙ Residential Structure | ⊙ Township Boundary | |

Notes:
1. Ohio Department of Natural Resources (ODNR), 1997
2. ESRI Data & Maps, 2007
3. Verity Energy, Velocity, April 2009

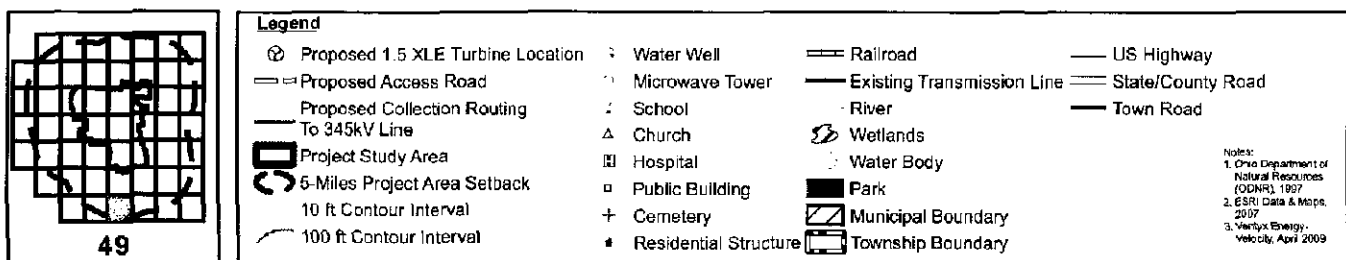
Geography and Topography of Project Area

Hardin Wind Farm, Hardin County, Ohio

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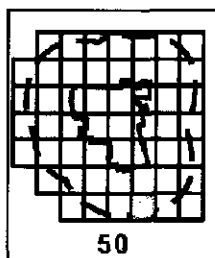
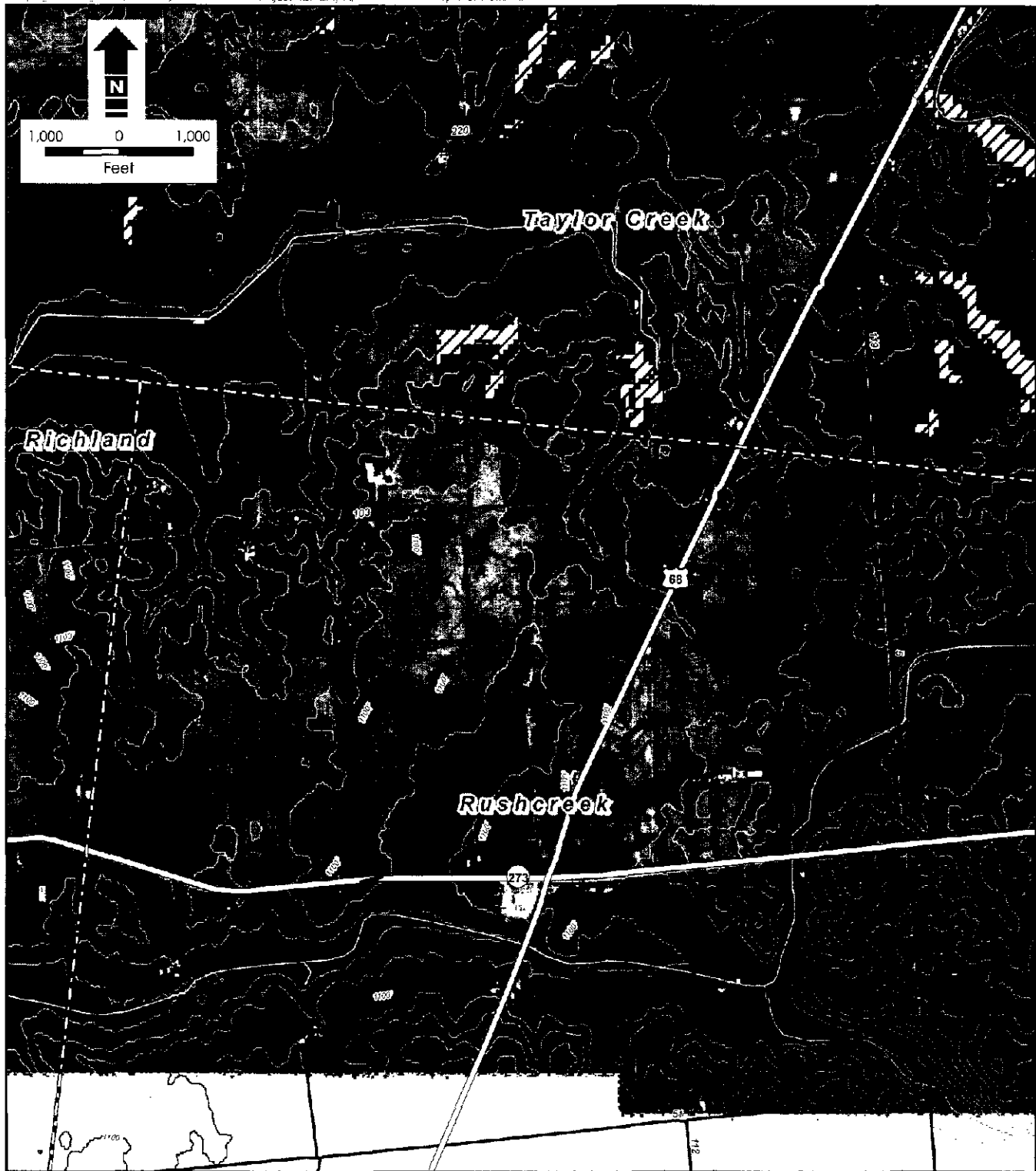
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Legend			
	Proposed 1.5 XLE Turbine Location		Water Well
	Proposed Access Road		Microwave Tower
	Proposed Collection Routing To 345kV Line		School
	Project Study Area		Church
	5-Miles Project Area Setback		Hospital
	10 ft Contour Interval		Public Building
	100 ft Contour Interval		Cemetery
			Residential Structure
			Railroad
			Existing Transmission Line
			River
			Wetlands
			Water Body
			Park
			Municipal Boundary
			Township Boundary
			US Highway
			State/County Road
			Town Road

Notes
 1. Ohio Department of Natural Resources (ODNR), 1997
 2. ESRI Data & Maps, 2007
 3. Verityx Energy Velocity, April 2009

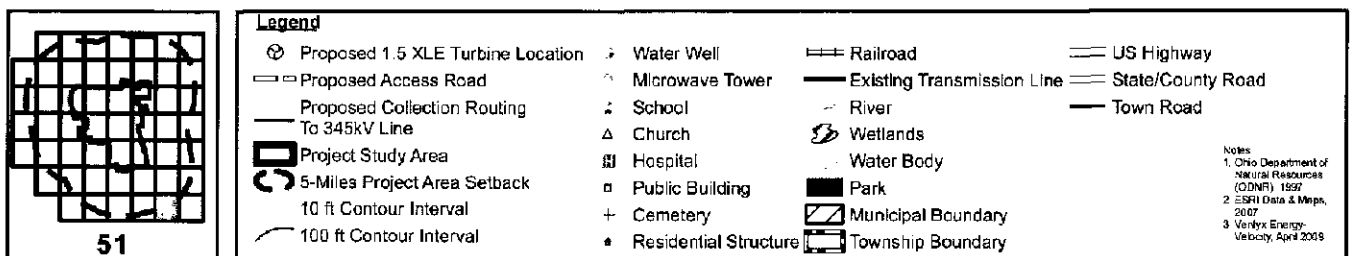
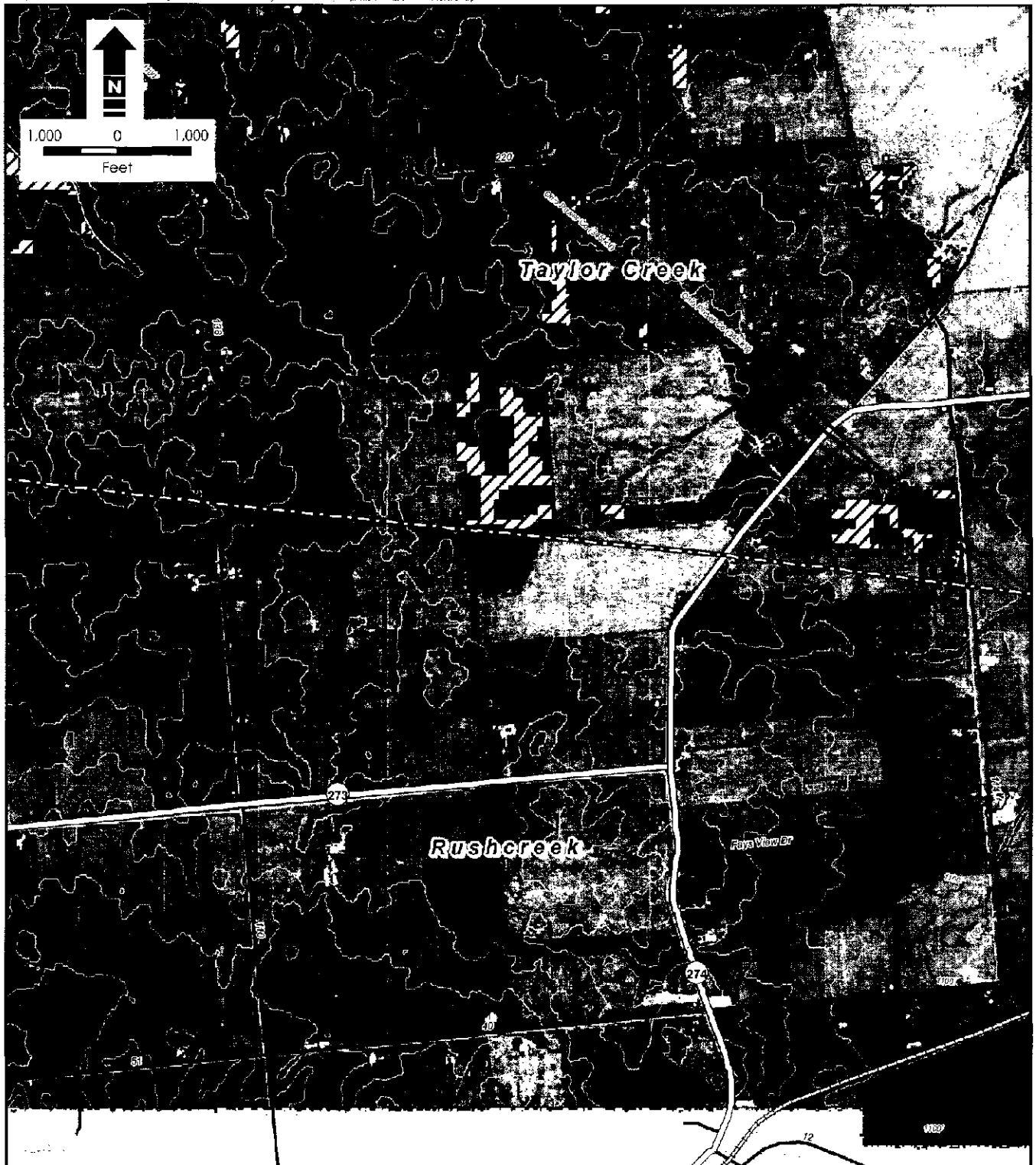
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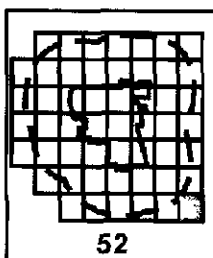
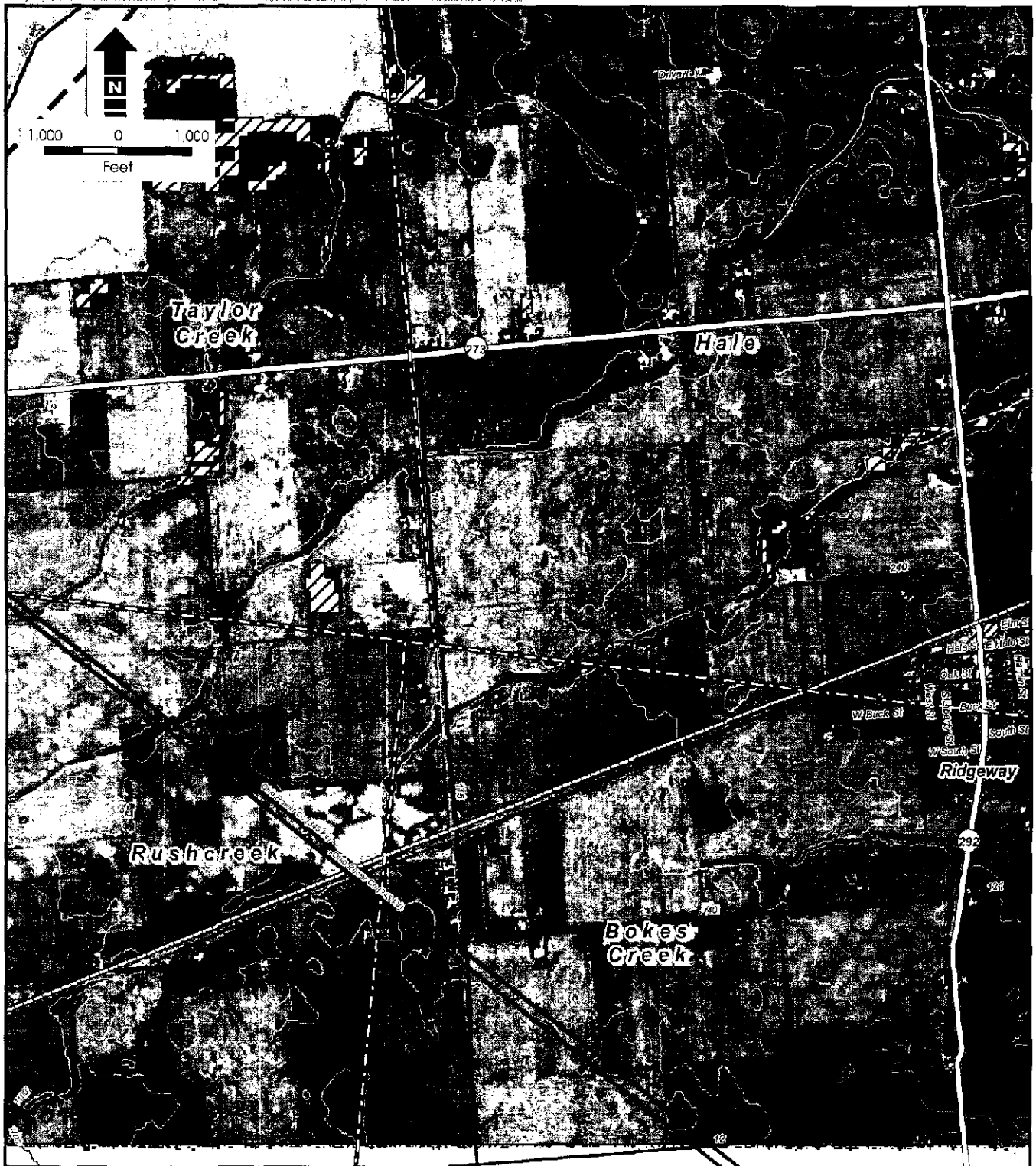
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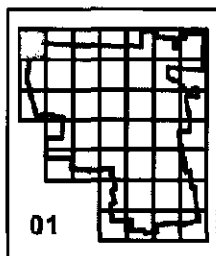
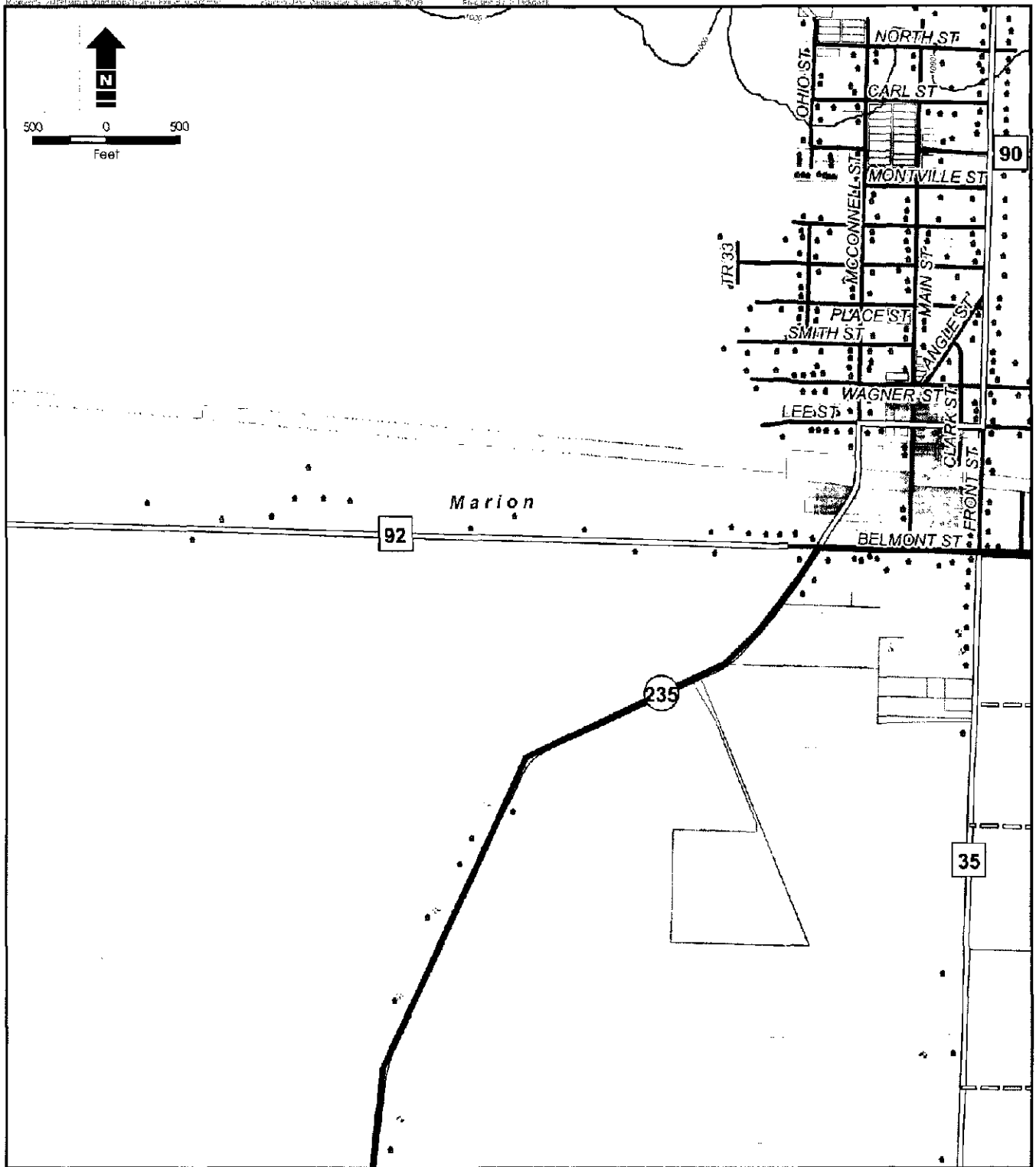
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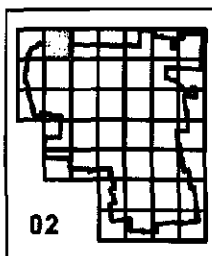
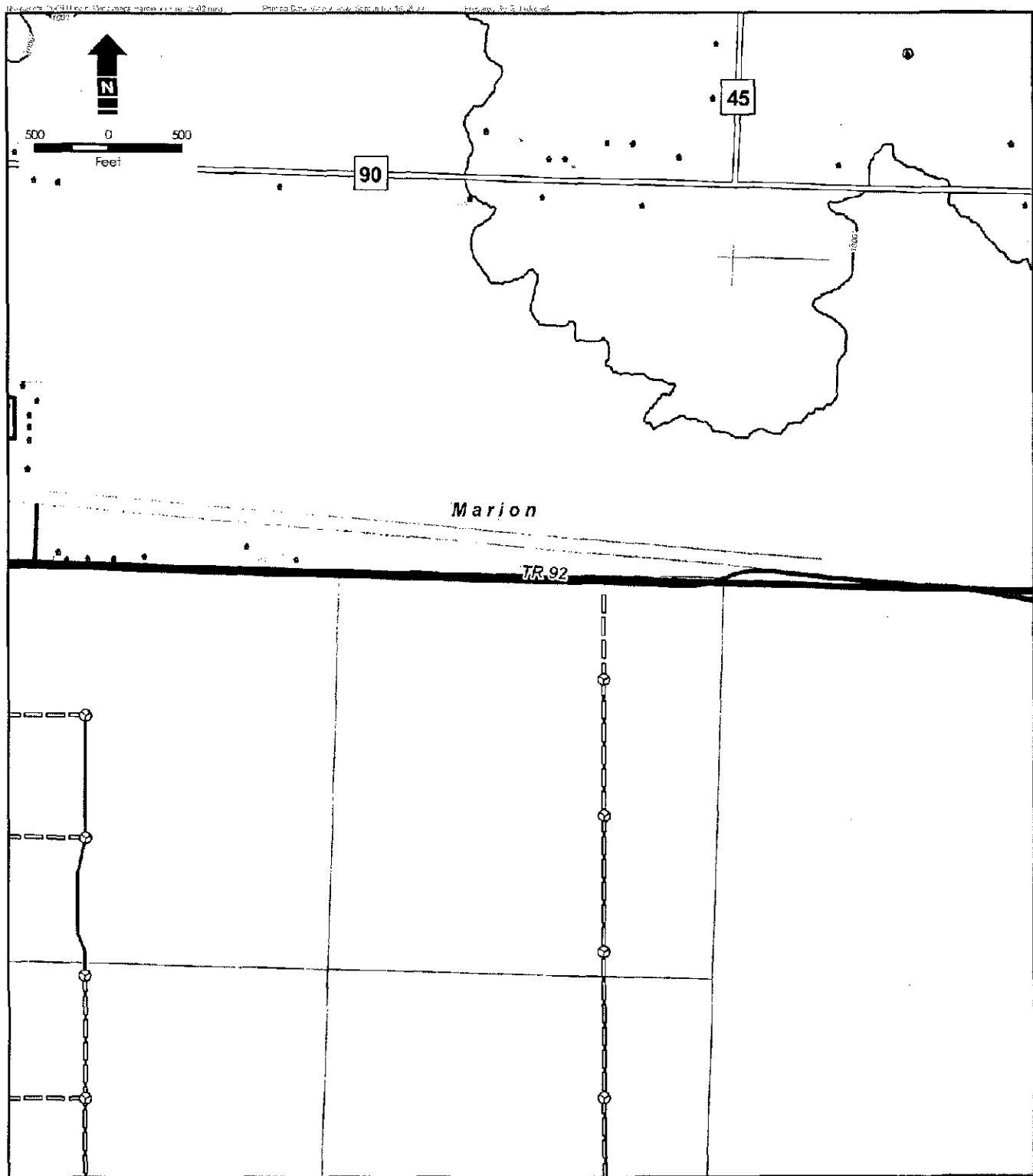
Site Mapping of Project Area

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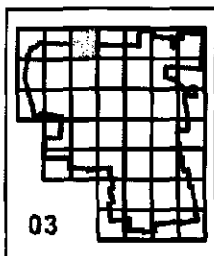
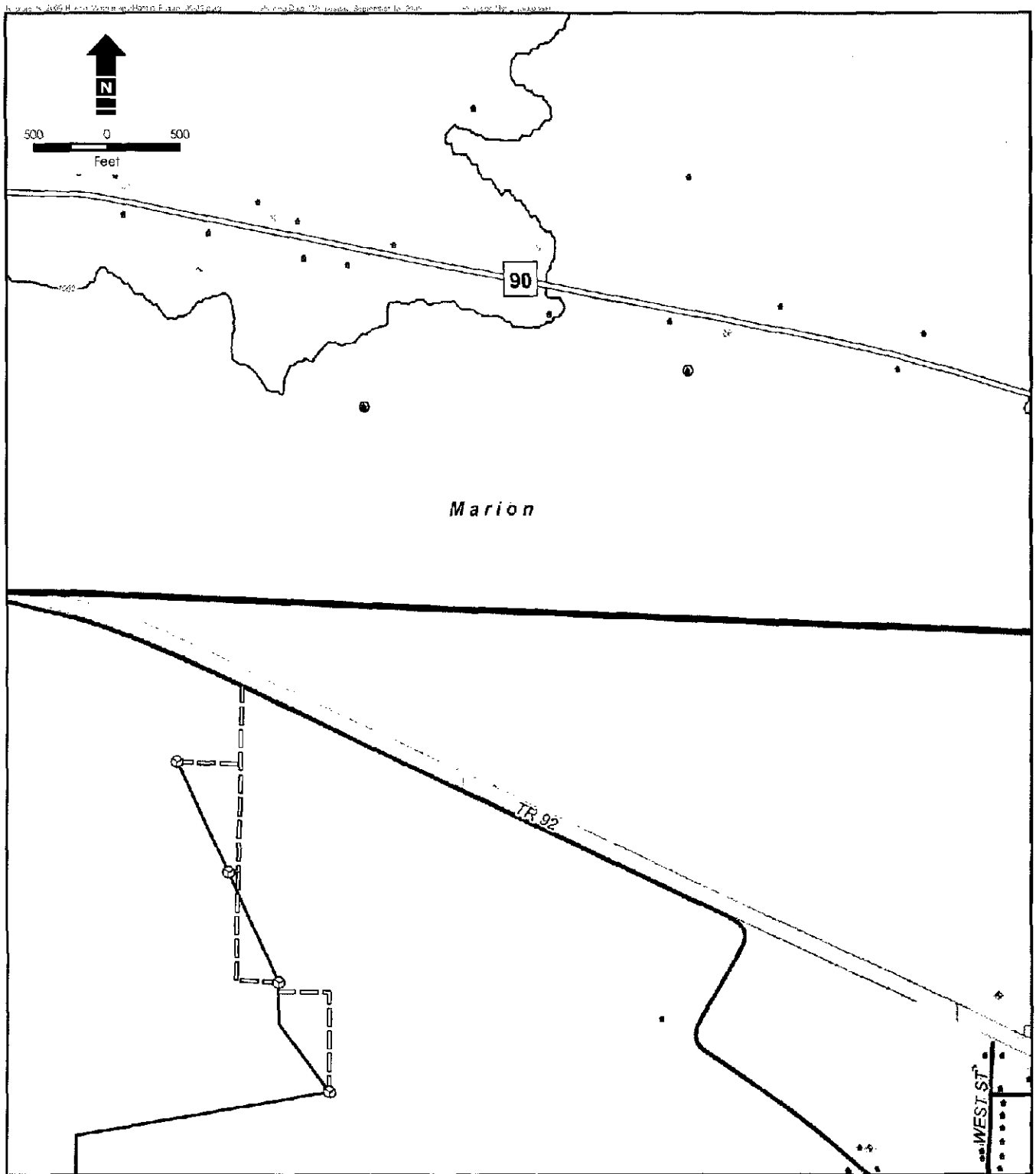
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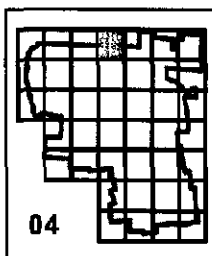
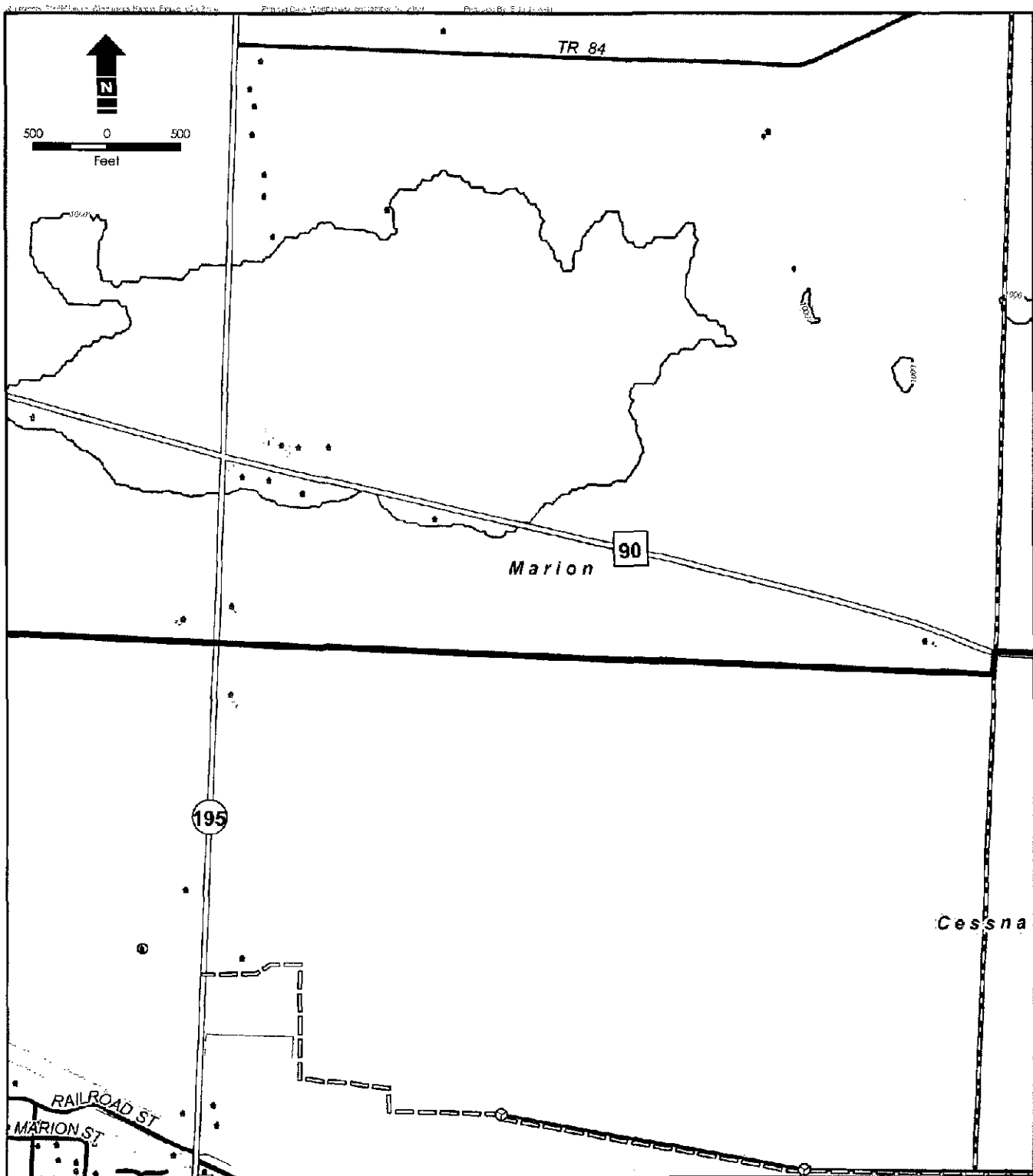
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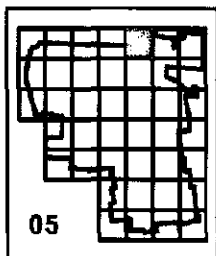
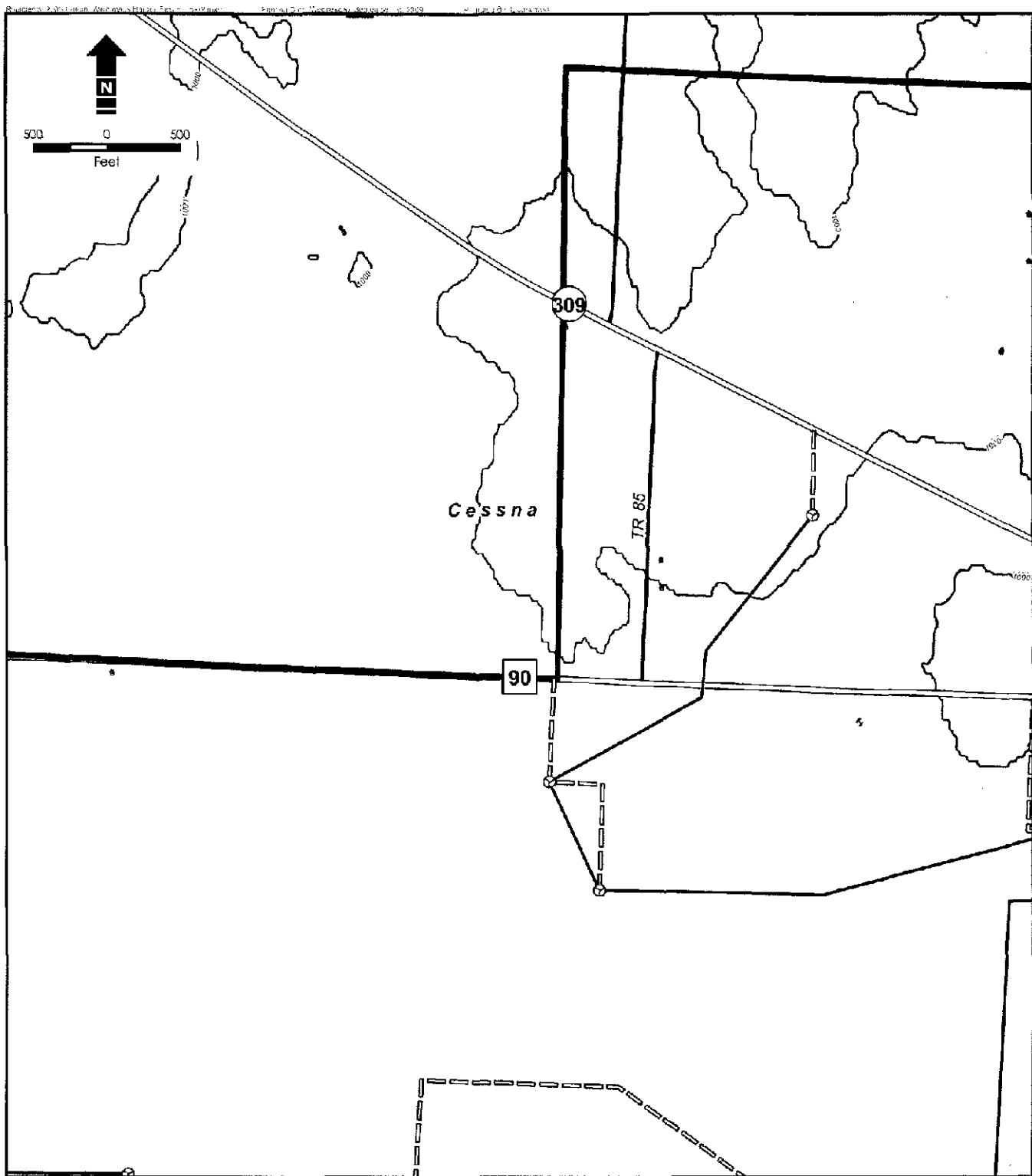
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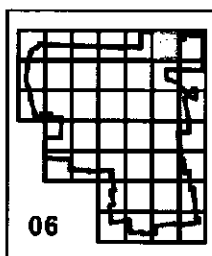
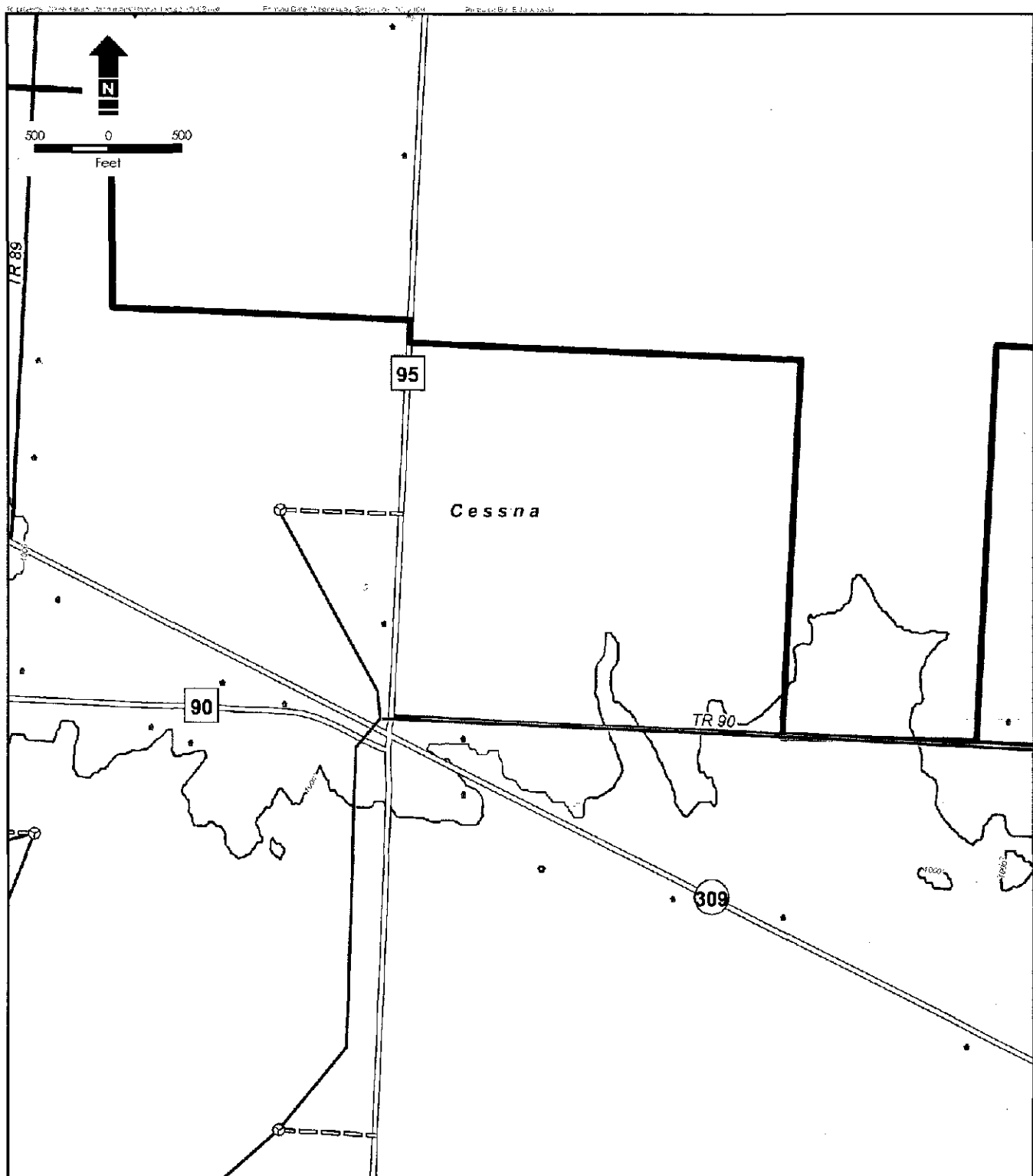
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Land Use Classes - Agricultural - Commercial - Industrial - Public Utilities - Residential - Exempt			

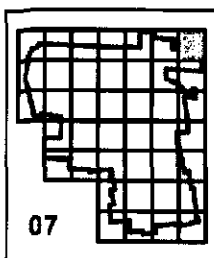
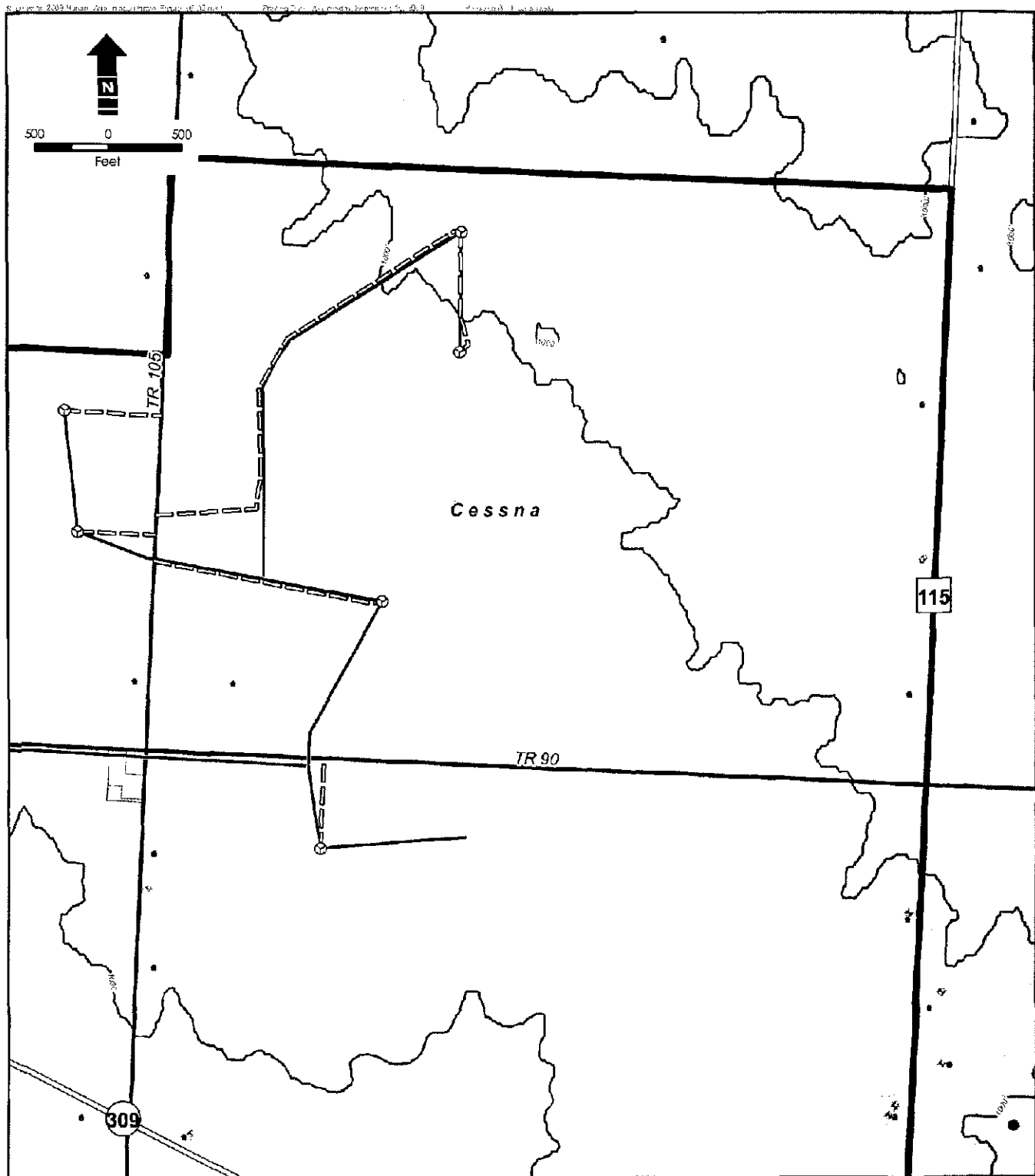
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Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Access Road
- Proposed Collection Routing To 345kV Line
- Residential Structures
- Water Well
- Gas Well
- Oil Well
- Oil & Gas Well

- Township Boundary
- Project Study Area
- Land Use Classification
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- Deciduous Forest
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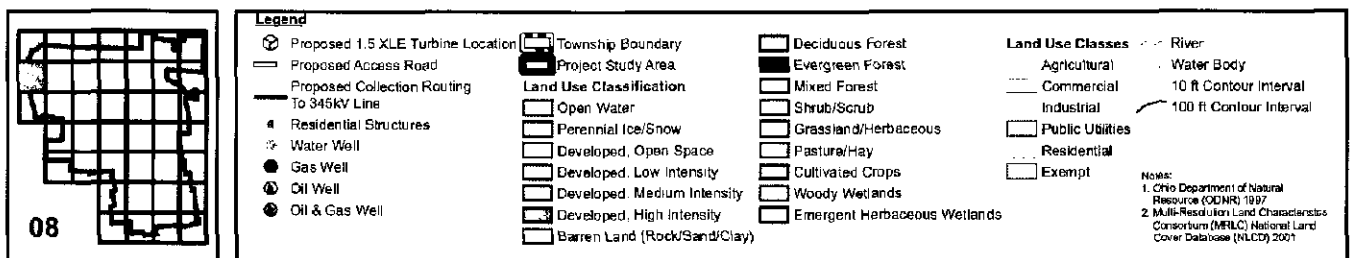
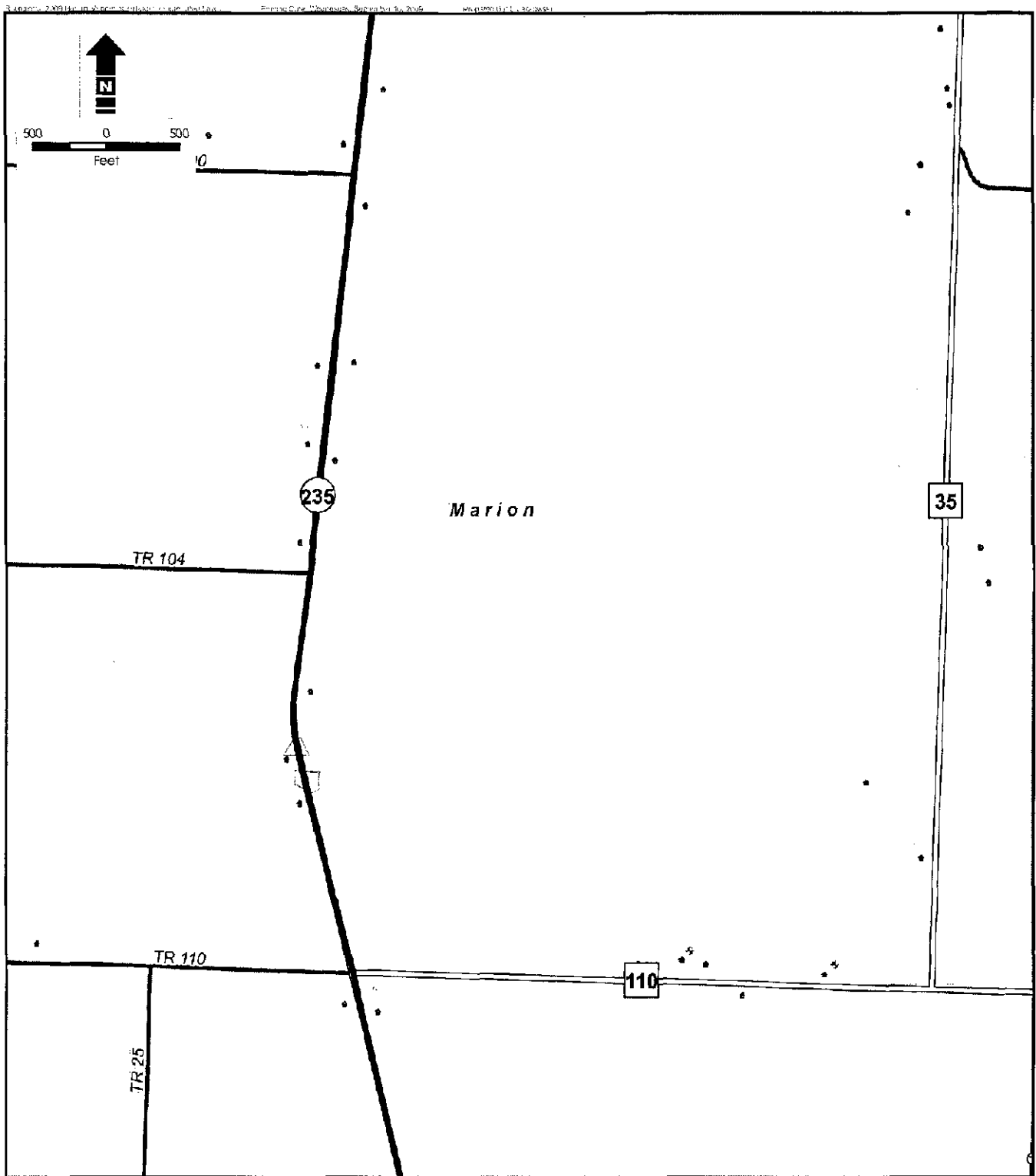
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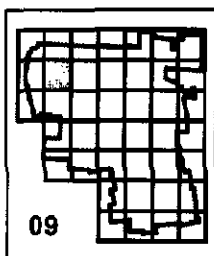
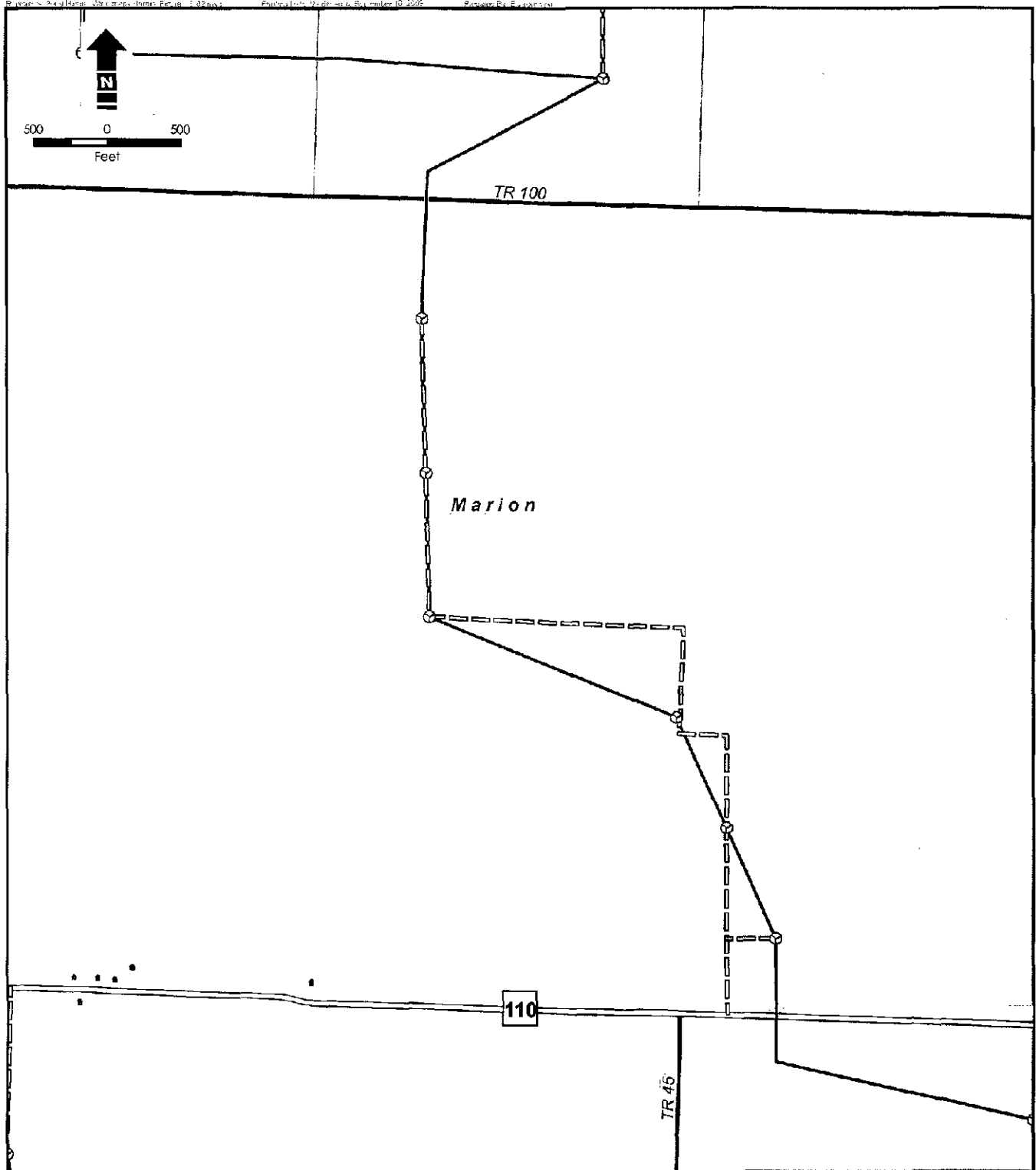
Site Mapping of Project Area

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Legend Proposed 1.5 XLE Turbine Location Proposed Access Road Proposed Collection Routing To 345kV Line Residential Structures Water Well Gas Well Oil Well Oil & Gas Well		Township Boundary Project Study Area Land Use Classification Open Water Perennial Ice/Snow 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		Land Use Classes Agricultural Commercial Industrial Public Utilities Residential Exempt		River Water Body 10 ft Contour Interval 100 ft Contour Interval
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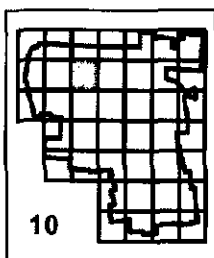
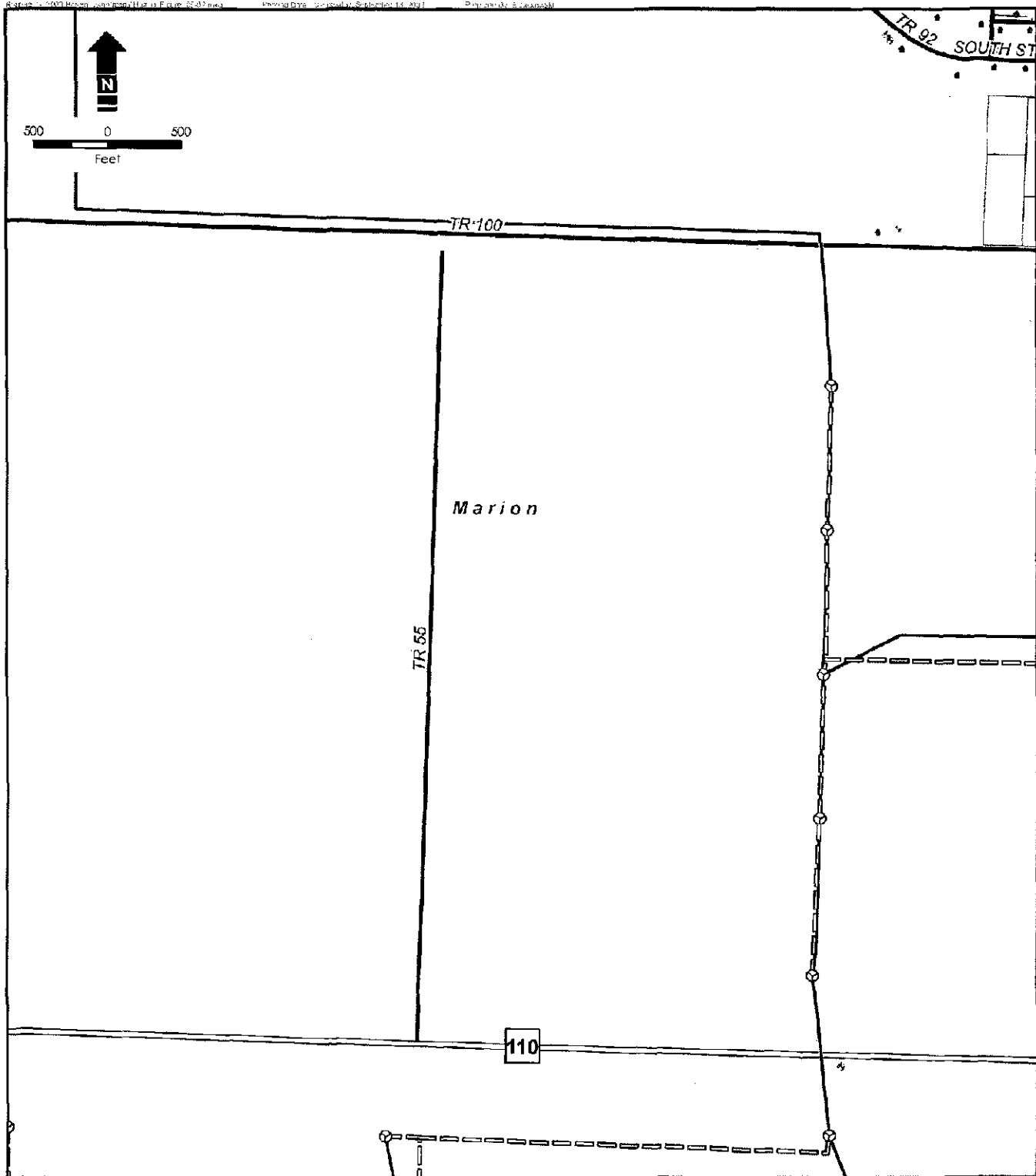
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Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Access Road
- Proposed Collection Routing To 345kV Line
- Residential Structures
- Water Well
- Gas Well
- Oil Well
- Oil & Gas Well

- Township Boundary
- Project Study Area
- Land Use Classification
- Open Water
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- Developed, Open Space
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- Industrial
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- Exempt

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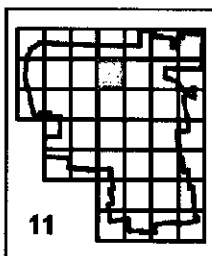
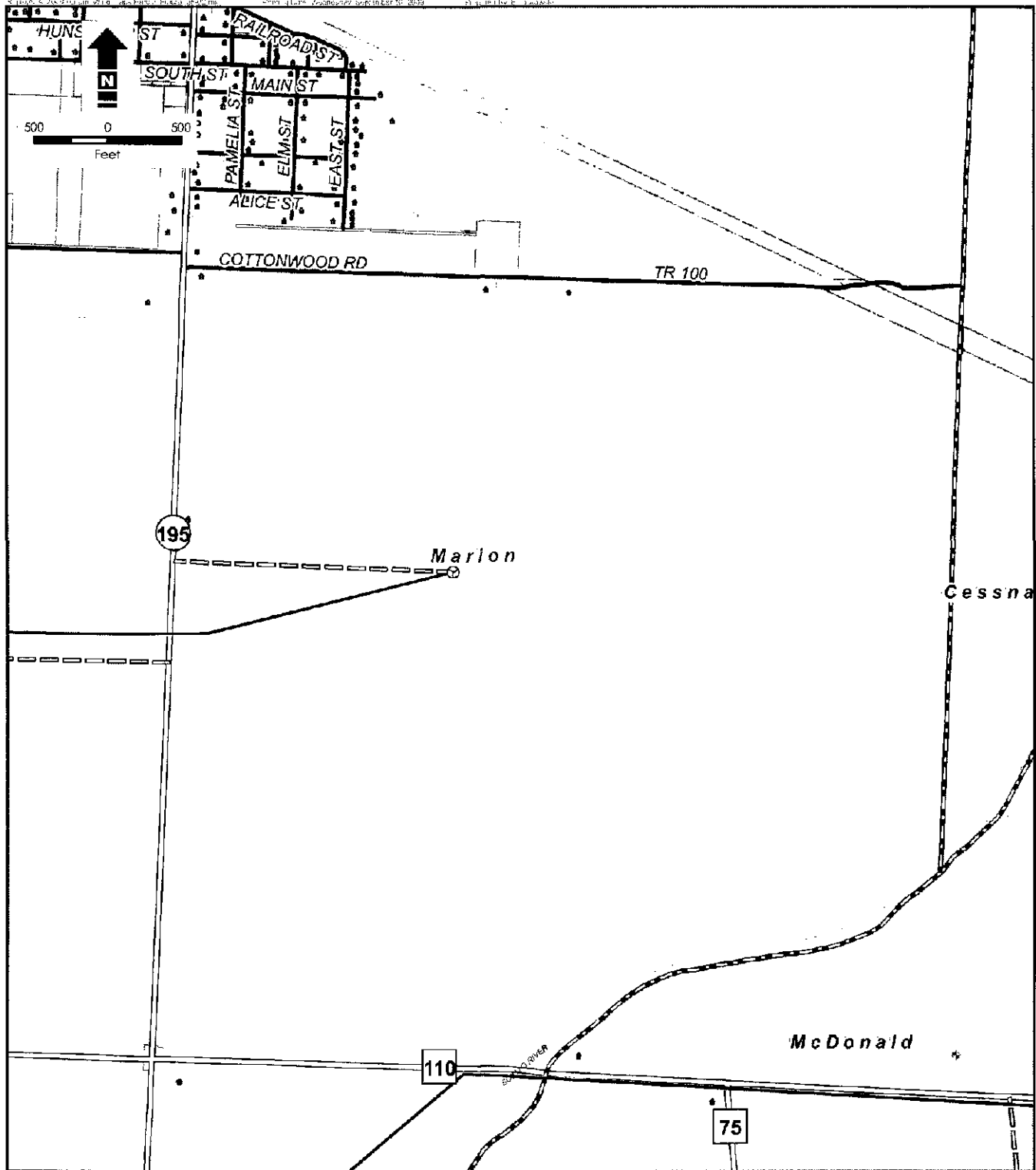
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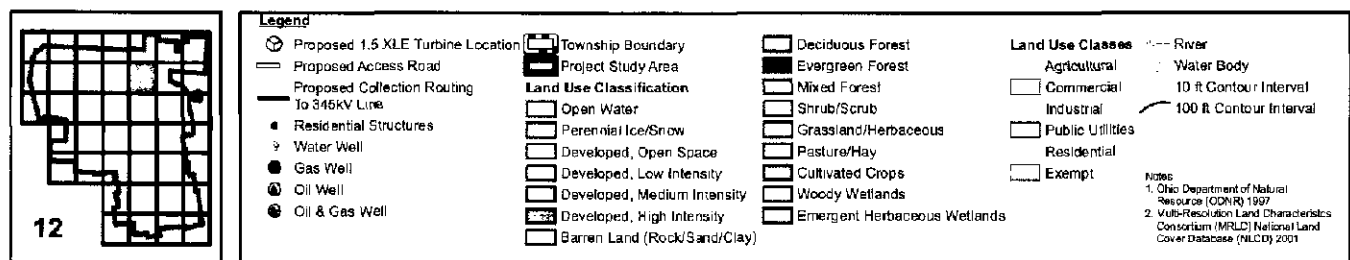
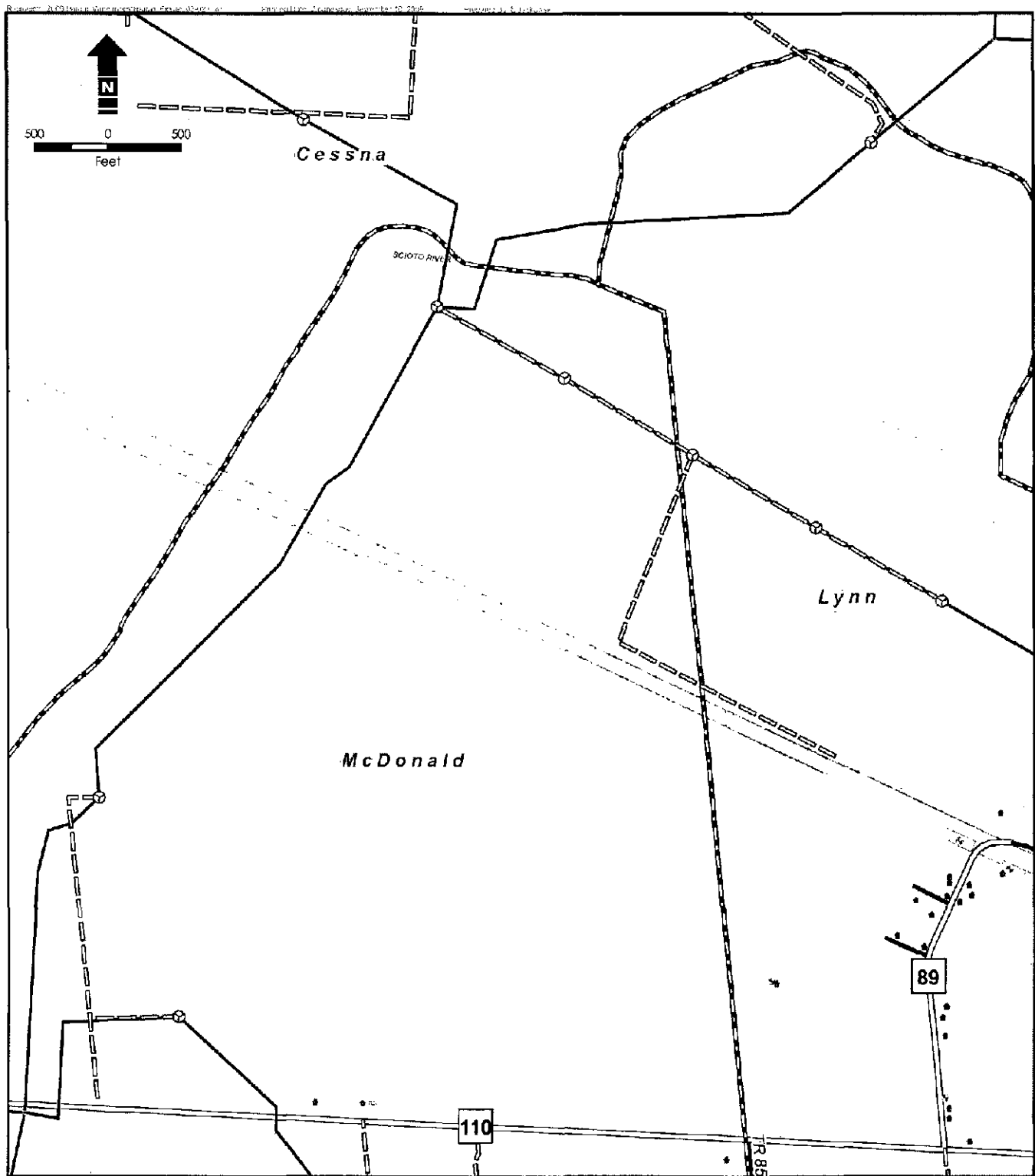
Legend - Proposed 1.5 XLE Turbine Location - Proposed Access Road - Proposed Collection Routing To 345kV Line - Residential Structures - Water Well - Gas Well - Oil Well - Oil & Gas Well	Township Boundary Project Study Area Land Use Classification - Open Water - Perennial Ice/Snow - Developed, Open Space - 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	Land Use Classes - Agricultural - Commercial - Industrial - Public Utilities - Residential - Exempt Notes: - Ohio Department of Natural Resources (ODNR) 1997 - Multi-Resolution Land Characteristics Consortium (MRLCC) National Land Cover Database (NLCD) 2001
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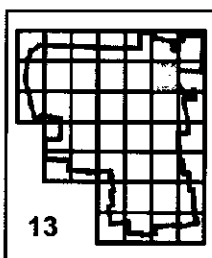
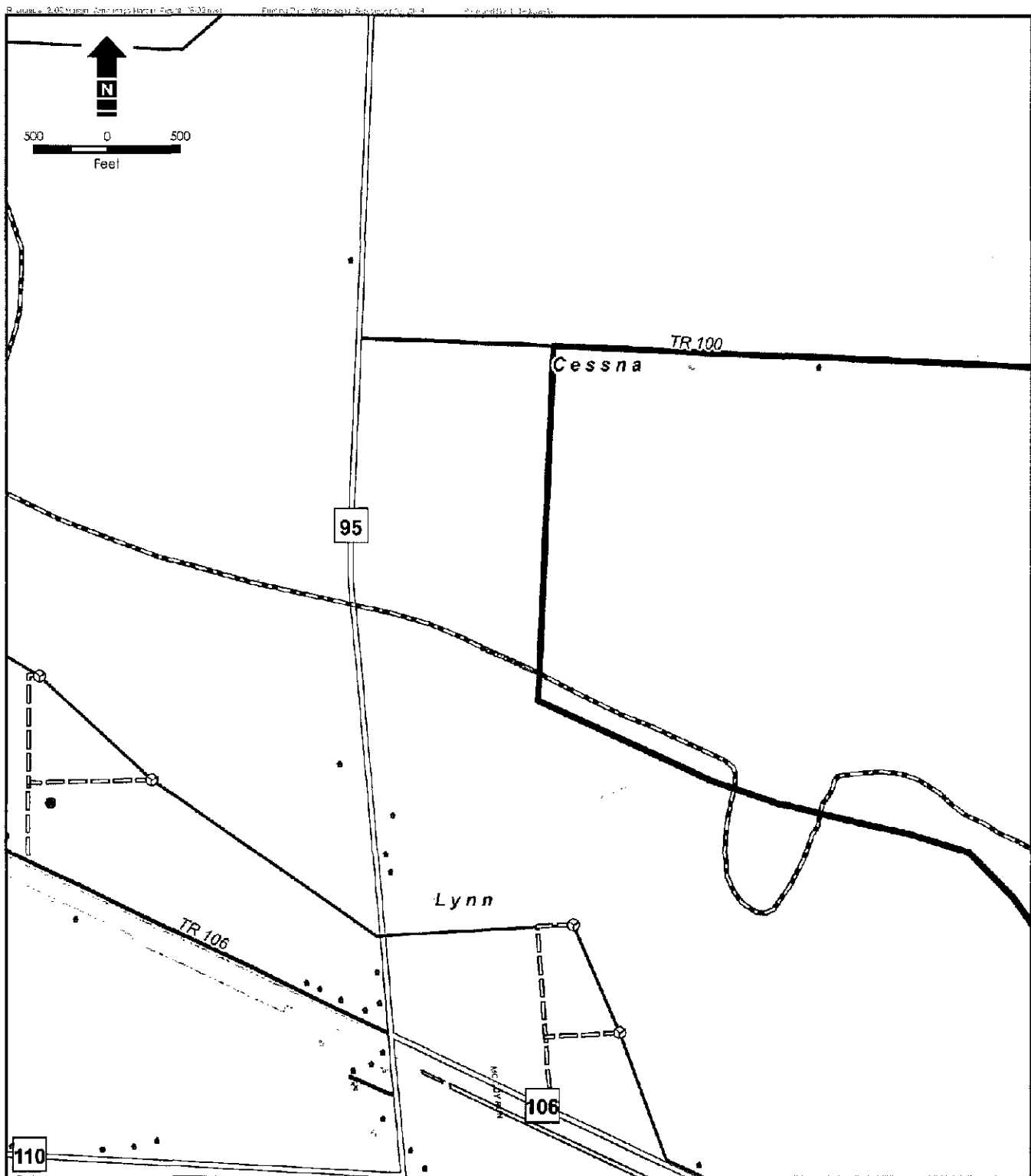
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- Residential Structures
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- Township Boundary
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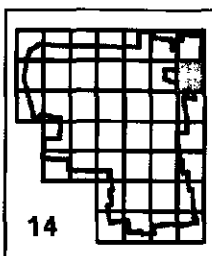
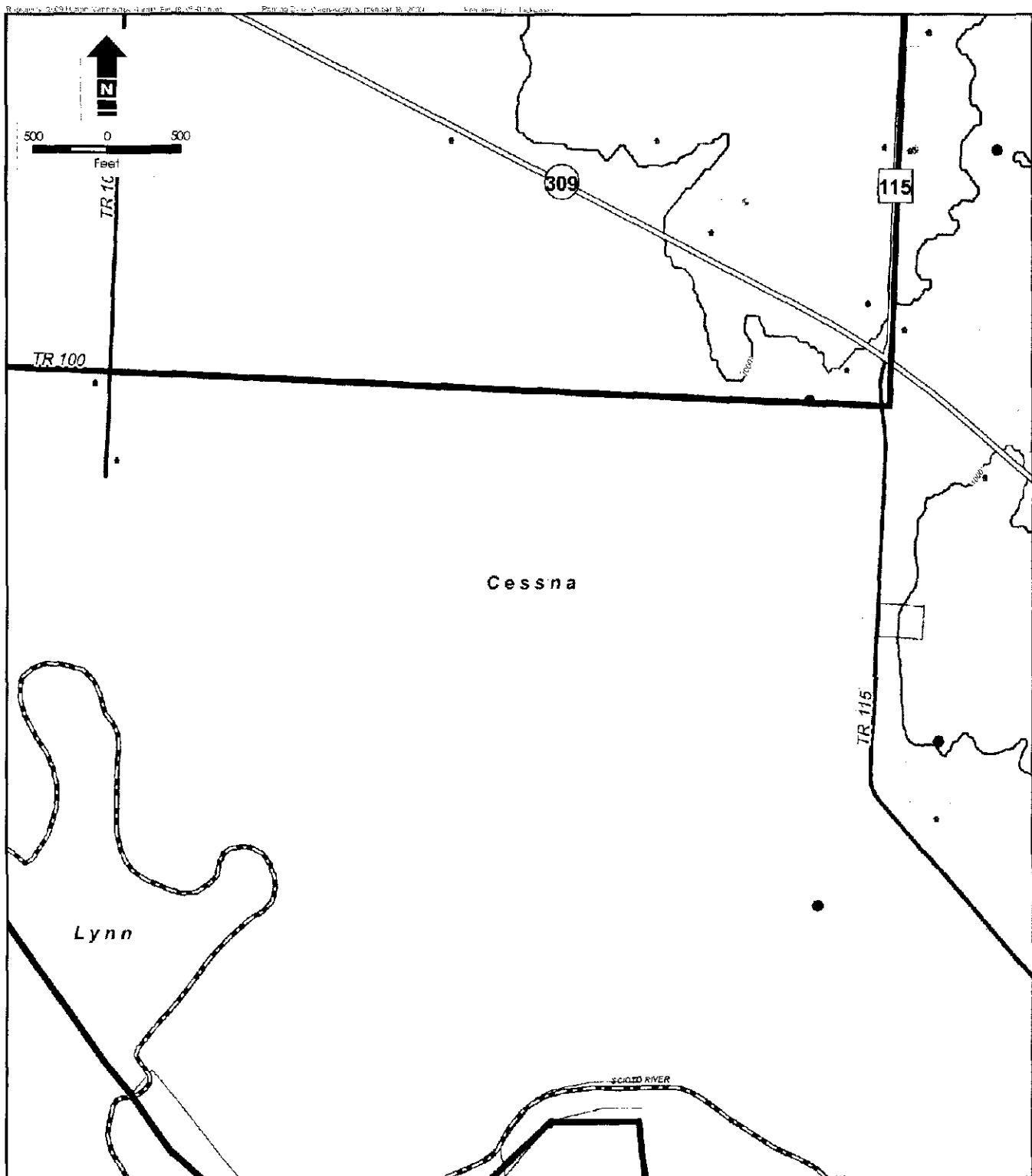
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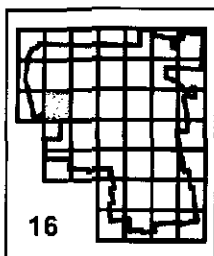
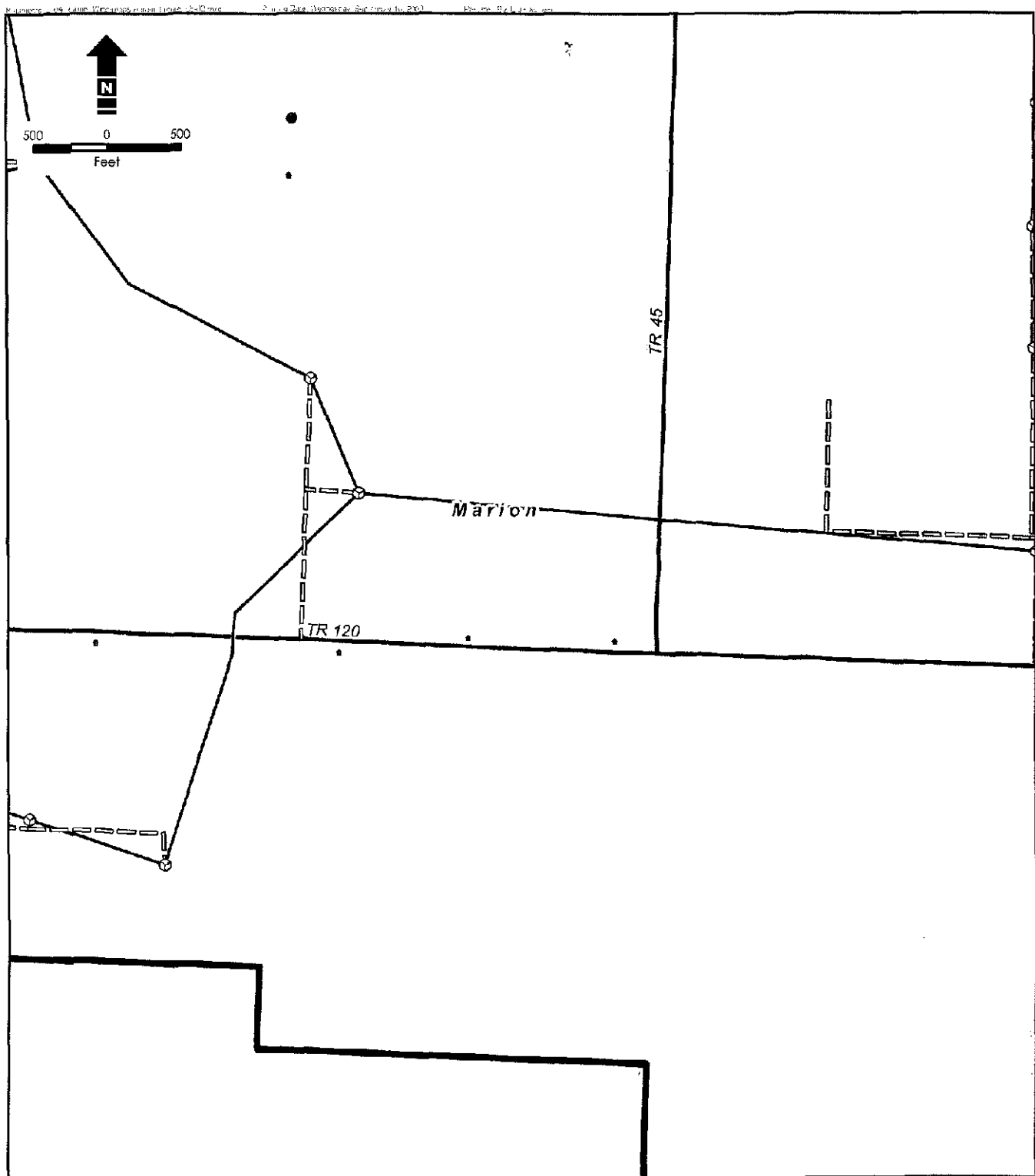
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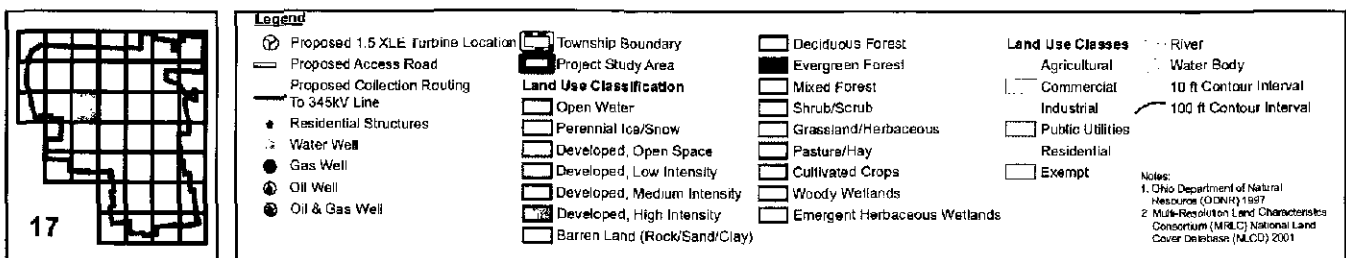
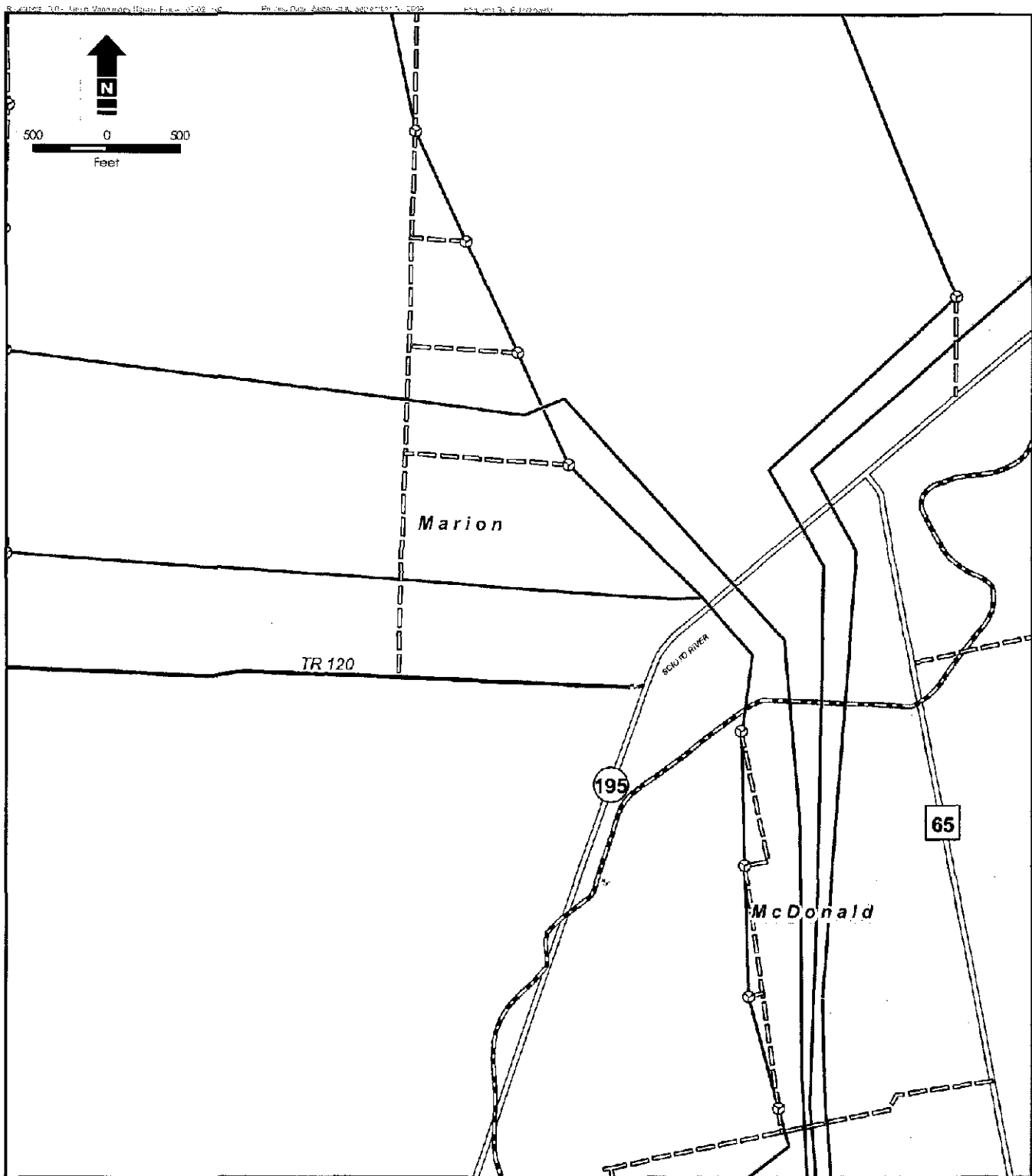
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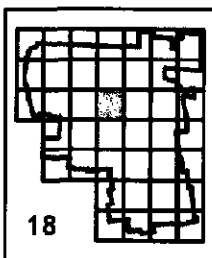
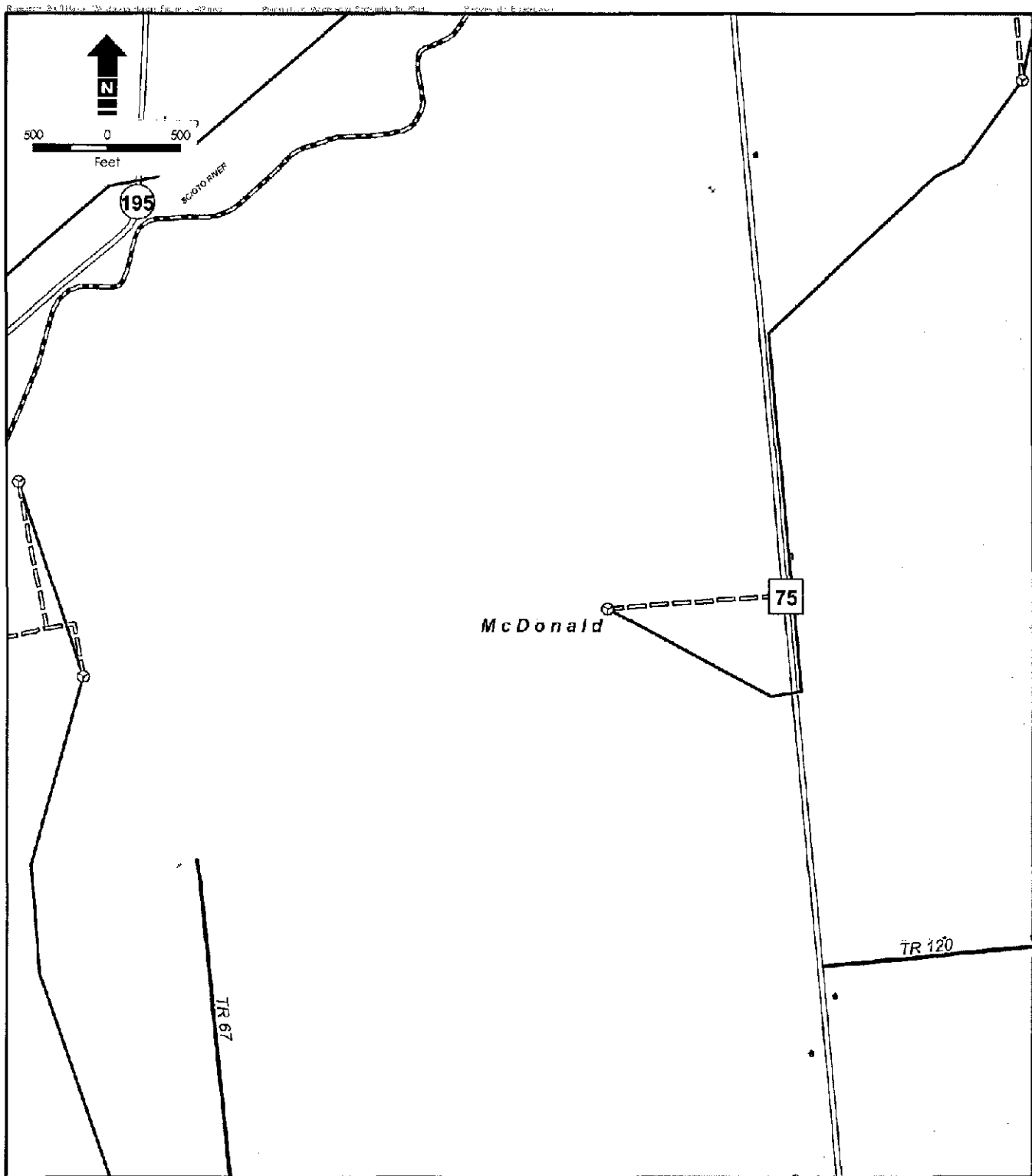
Site Mapping of Project Area

Hardin Wind Farm, Hardin County, Ohio

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Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Access Road
- Proposed Collection Routing To 345kV Line
- Residential Structures
- Water Well
- Gas Well
- Oil Well
- Oil & Gas Well

- Township Boundary
- Project Study Area
- Land Use Classification
- Open Water
- Perennial Ice/Snow
- Developed, Open Space
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- Developed, Medium Intensity
- Developed, High Intensity
- Barren Land (Rock/Sand/Clay)

- Deciduous Forest
- Evergreen Forest
- Mixed Forest
- Shrub/Scrub
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- Woody Wetlands
- Emergent Herbaceous Wetlands

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- Industrial
- Public Utilities
- Residential
- Exempt

- River
 - Water Body
 - 10 ft Contour Interval
 - 100 ft Contour Interval
- Notes:
 1. Ohio Department of Natural Resource (ODNR) 1997
 2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001

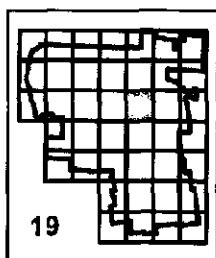
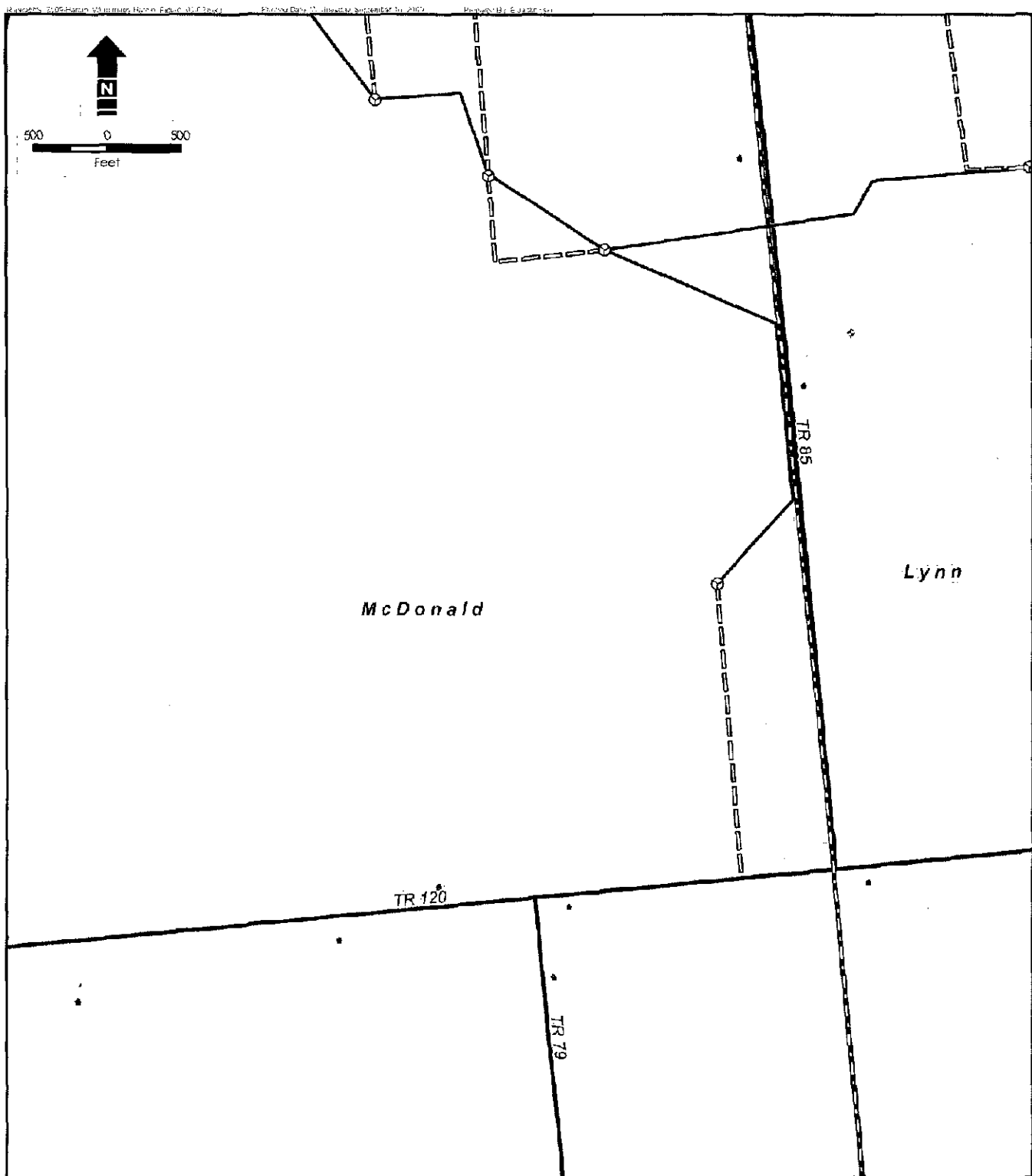
Site Mapping of Project Area

Hardin Wind Farm, Hardin County, Ohio

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Legend

- Proposed 1.5 XLE Turbine Location
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Notes:
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 2. Multi-Resolution Land Characteristics Consortium (MRLCC) National Land Cover Database (NLCD) 2001

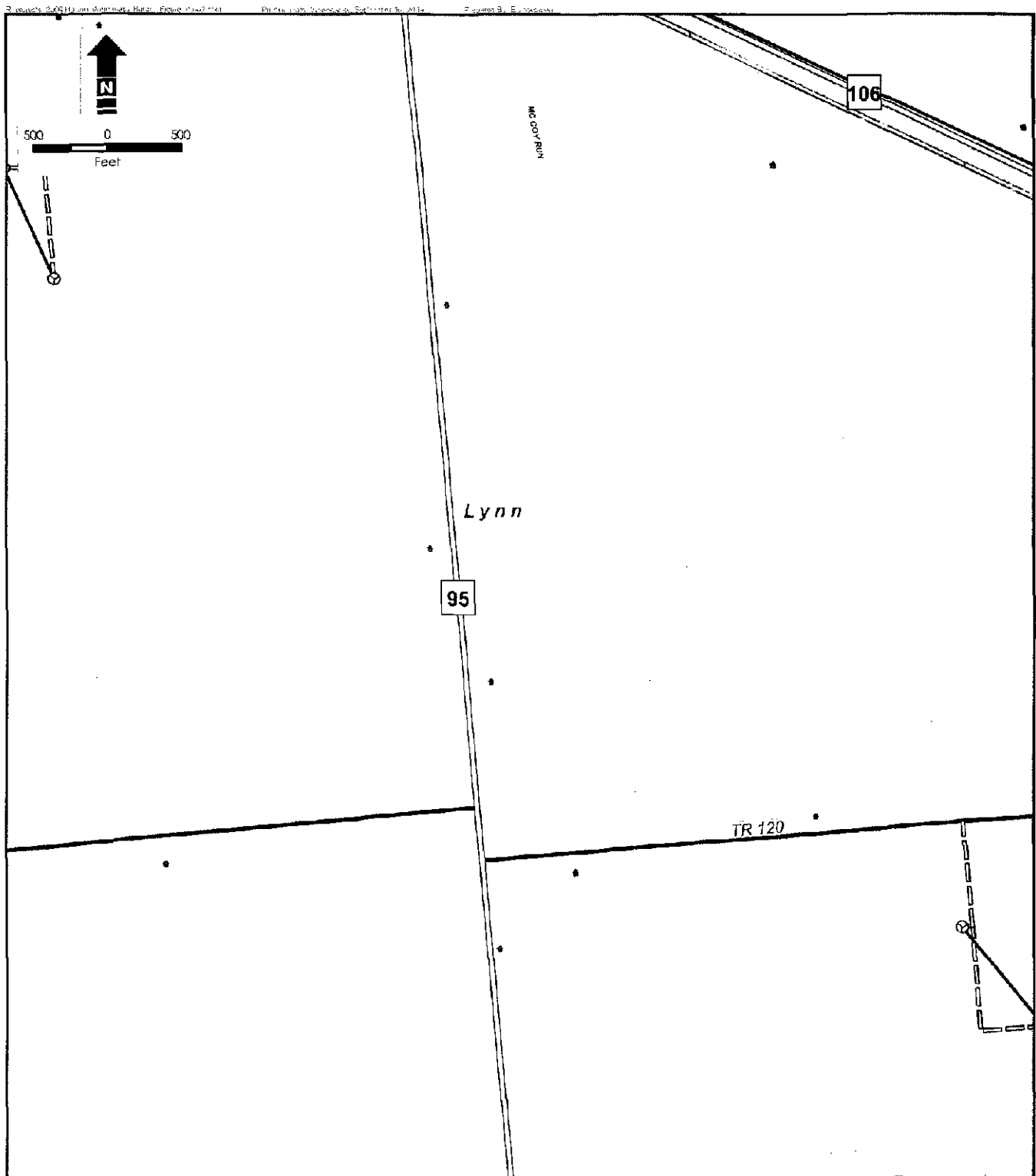
Site Mapping of Project Area

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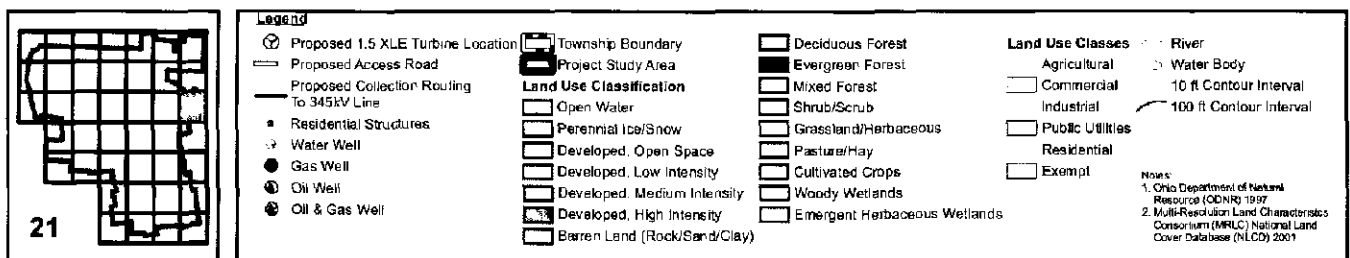
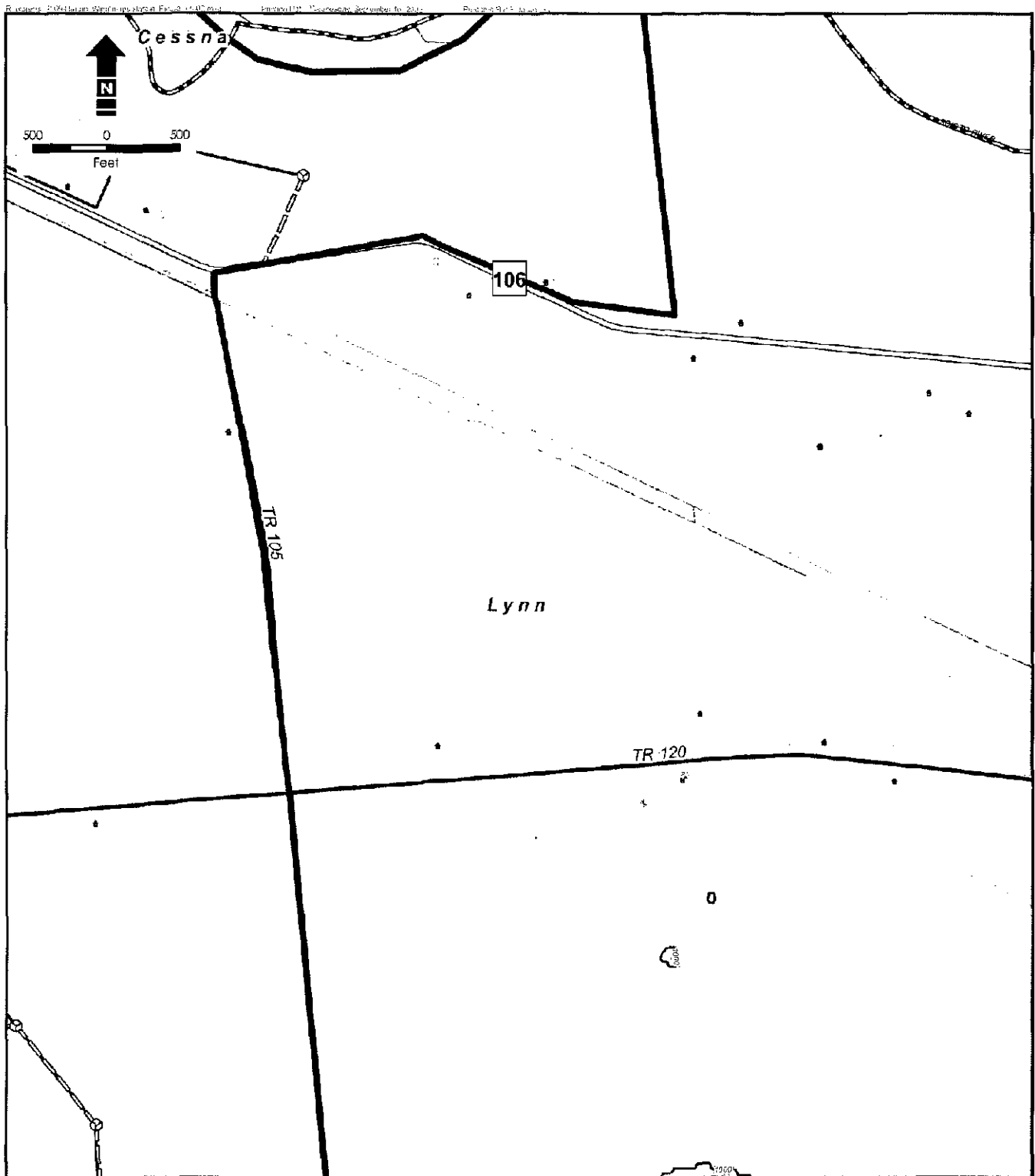
Legend ⊗ Proposed 1.5 XLE Turbine Location — Proposed Access Road — Proposed Collection Routing To 345kV Line ▲ Residential Structures • Water Well • Gas Well • Oil Well • Oil & Gas Well	Land Use Classification ▭ Township Boundary ▭ Project Study Area ▭ Open Water ▭ Perennial Ice/Snow ▭ Developed, Open Space ▭ Developed, Low Intensity ▭ Developed, Medium Intensity ▭ Developed, High Intensity ▭ Barren Land (Rock/Sand/Clay)	Land Use Classes ▭ Deciduous Forest ▭ Evergreen Forest ▭ Mixed Forest ▭ Shrub/Scrub ▭ Grassland/Herbaceous ▭ Pasture/Hay ▭ Cultivated Crops ▭ Woody Wetlands ▭ Emergent Herbaceous Wetlands	Land Use Classes ▭ Agricultural ▭ Commercial ▭ Industrial ▭ Public Utilities ▭ Residential ▭ Exempt	Notes: 1. Ohio Department of Natural Resources (ODNR) 1997 2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLDD) 2001
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Site Mapping of Project Area

Hardin Wind Farm, Hardin County, Ohio

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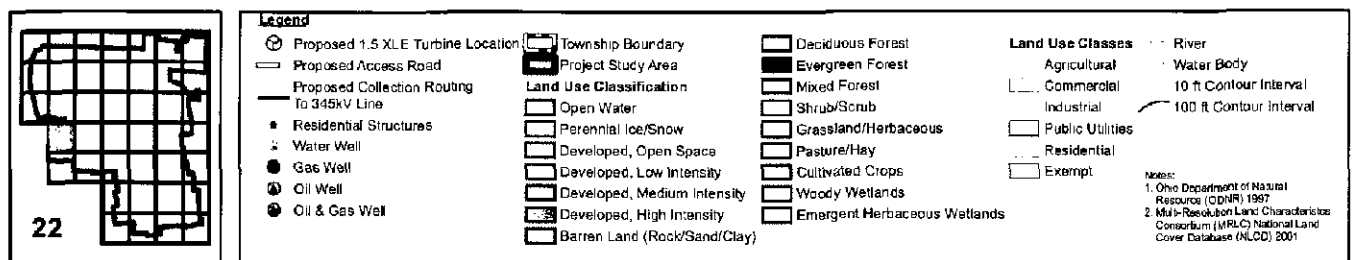
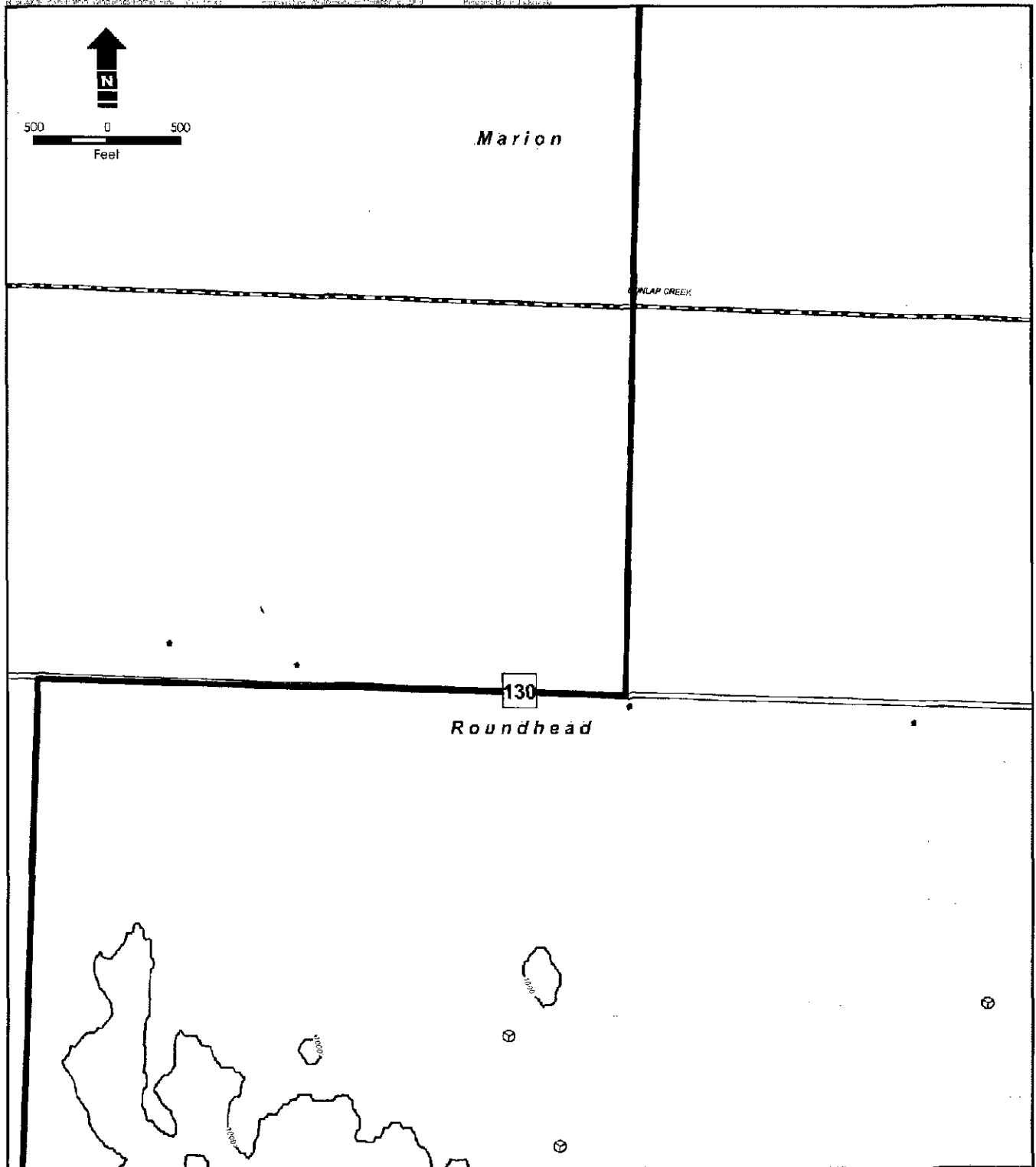
Site Mapping of Project Area

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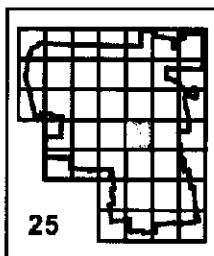
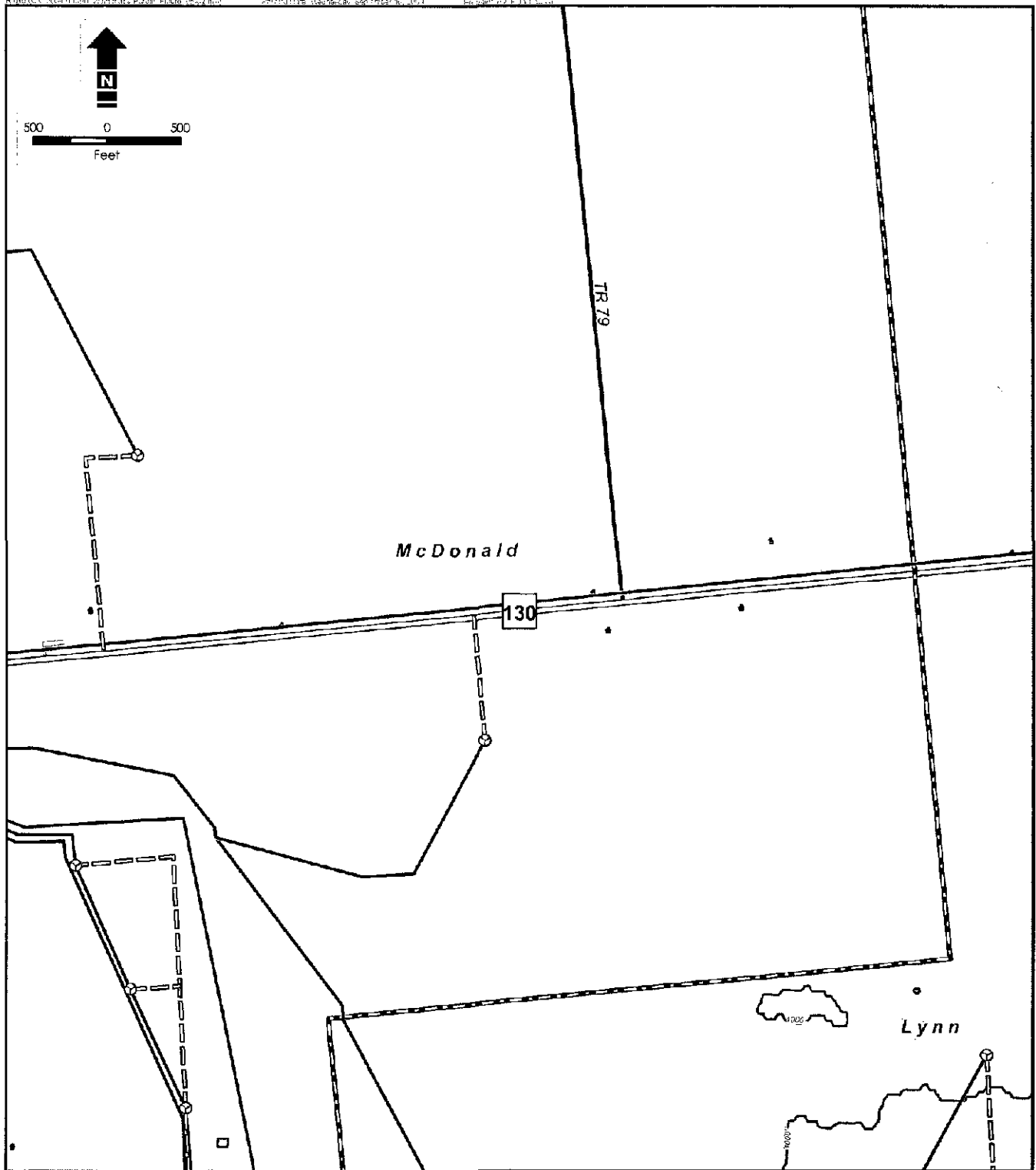
Site Mapping of Project Area

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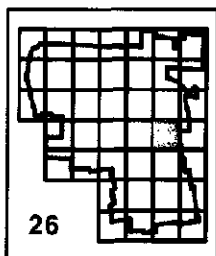
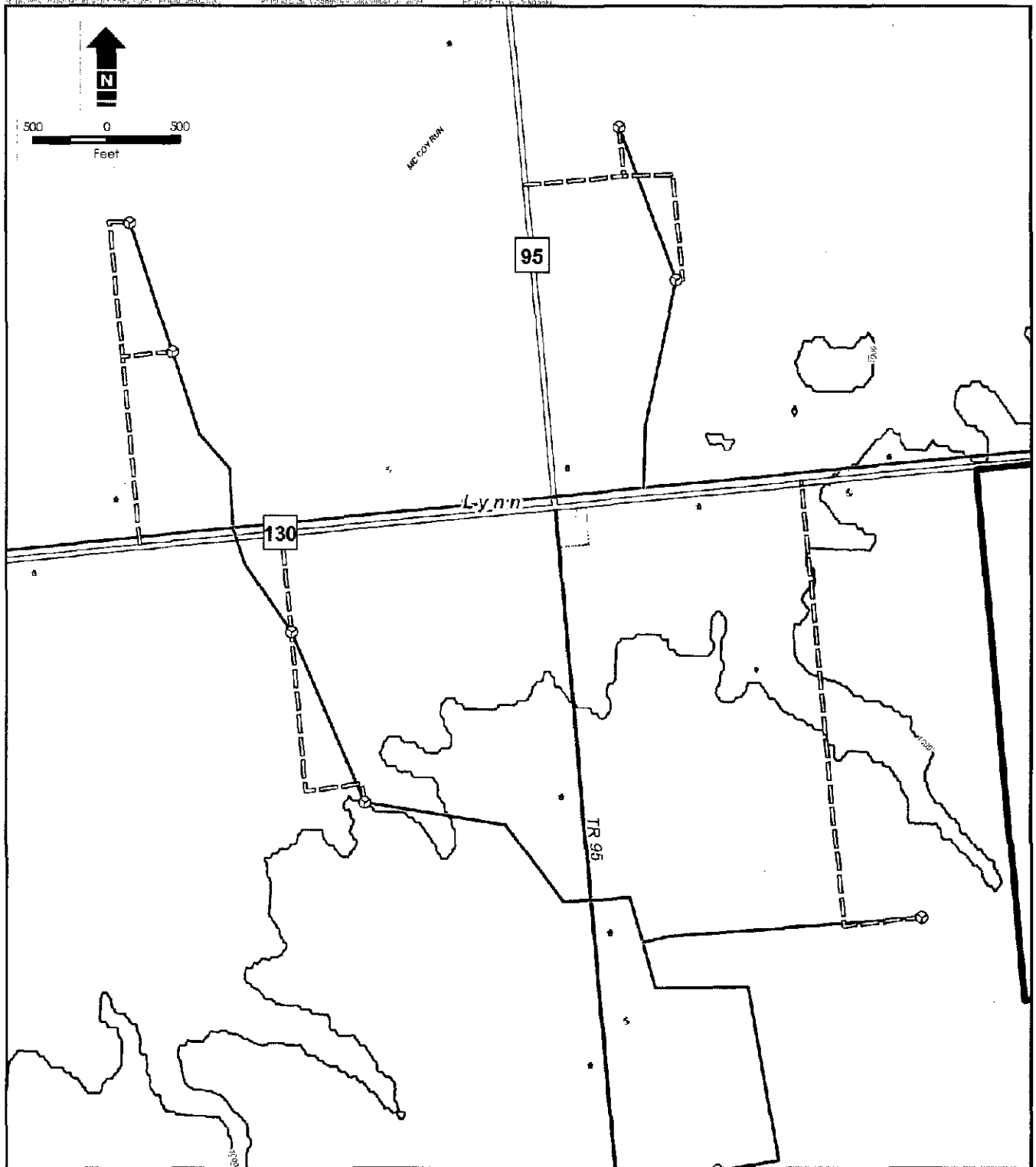
September 16, 2009





Legend Proposed 1.5 XLE Turbine Location Proposed Access Road Proposed Collection Routing To 345 kV Line Residential Structures Water Well Gas Well Oil Well Oil & Gas Well	Township Boundary Project Study Area Land Use Classification Open Water Perennial Ice/Snow 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	Land Use Classes Agricultural Commercial Industrial Public Utilities Residential Exempt River Water Body 10 ft Contour Interval 100 ft Contour Interval Notes: 1. Ohio Department of Natural Resources (ODNR) 1997 2. Multi-Resolution Land Characteristics Consortium (MRLCC) National Land Cover Database (NLCD) 2001
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Legend			
Proposed 1.5 XLE Turbine Location Proposed Access Road Proposed Collection Routing To 345kV Line Residential Structures Water Well Gas Well Oil Well Oil & Gas Well	Township Boundary Project Study Area Land Use Classification Open Water Perennial Ice/Snow 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	Land Use Classes Agricultural Commercial Industrial Public Utilities Residential Exempt
		River Water Body 10 ft Contour Interval 100 ft Contour Interval	Notes: 1. Ohio Department of Natural Resource (ODNR) 1097 2. Multi-Resolution Land Characteristics Consortium (MRLCC) National Land Cover Database (NLCD) 2001

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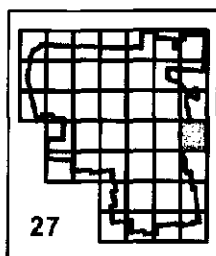
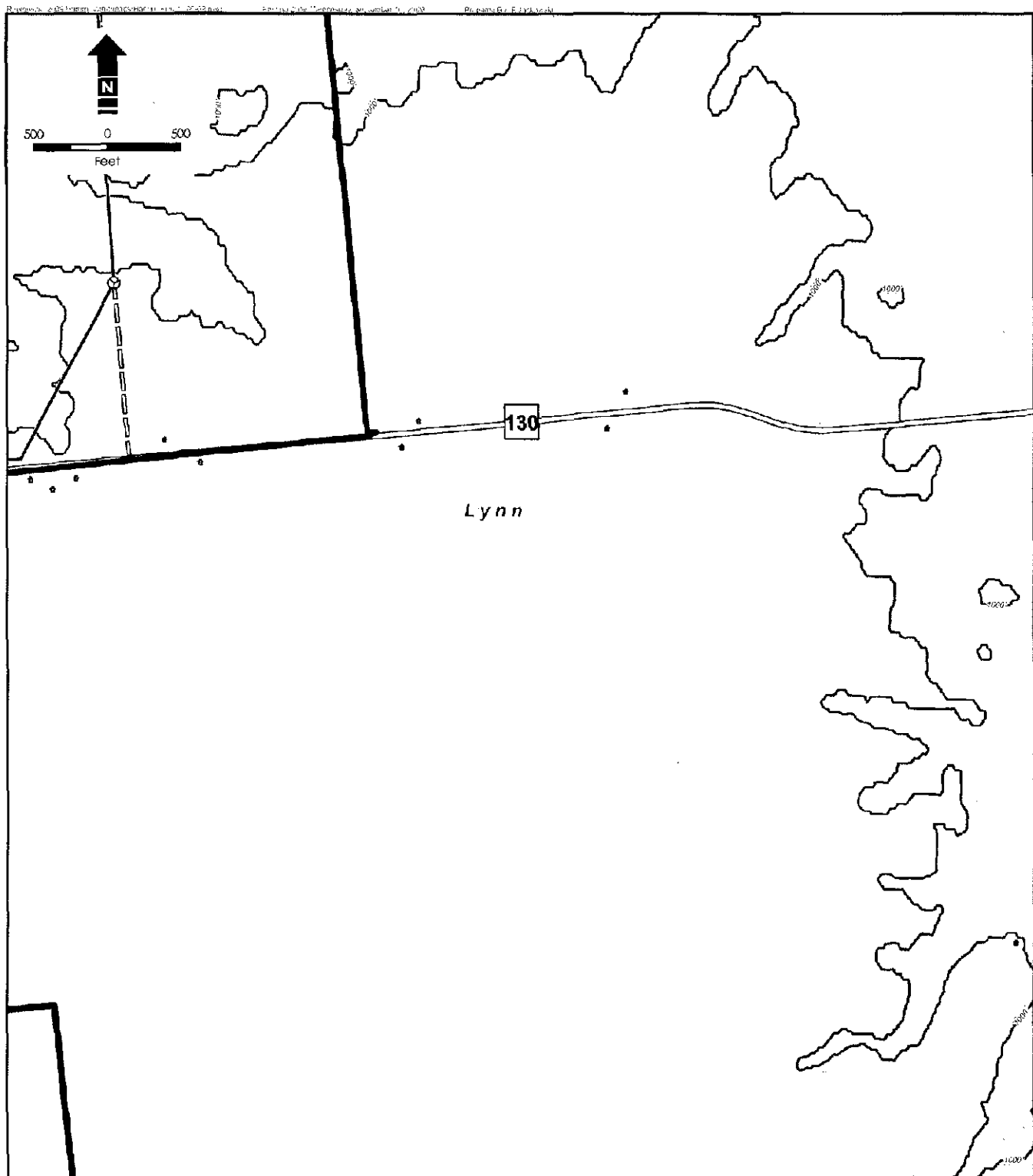
Site Mapping of Project Area

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Legend			
- Proposed 1.5 XLE Turbine Location - Proposed Access Road - Proposed Collection Routing To 345 kV Line - Residential Structures - Water Well - Gas Well - Oil Well - Oil & Gas Well	- Township Boundary - Project Study Area - Land Use Classification - Open Water - Perennial Ice/Snow - 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	- Land Use Classes - Agricultural - Commercial - Industrial - Public Utilities - Residential - Exempt - River - Water Body 10 ft Contour Interval 100 ft Contour Interval

Notes:
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 2. Multi-Resolution Land Characteristics Consortium (MRLCC) National Land Cover Database (NLCD) 2001

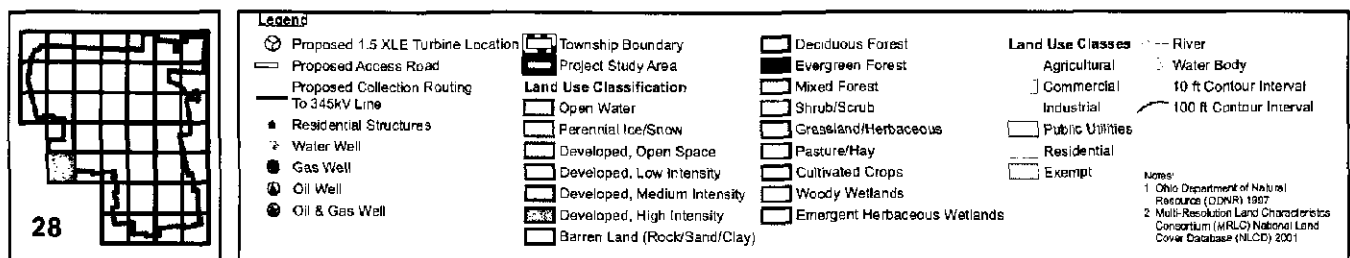
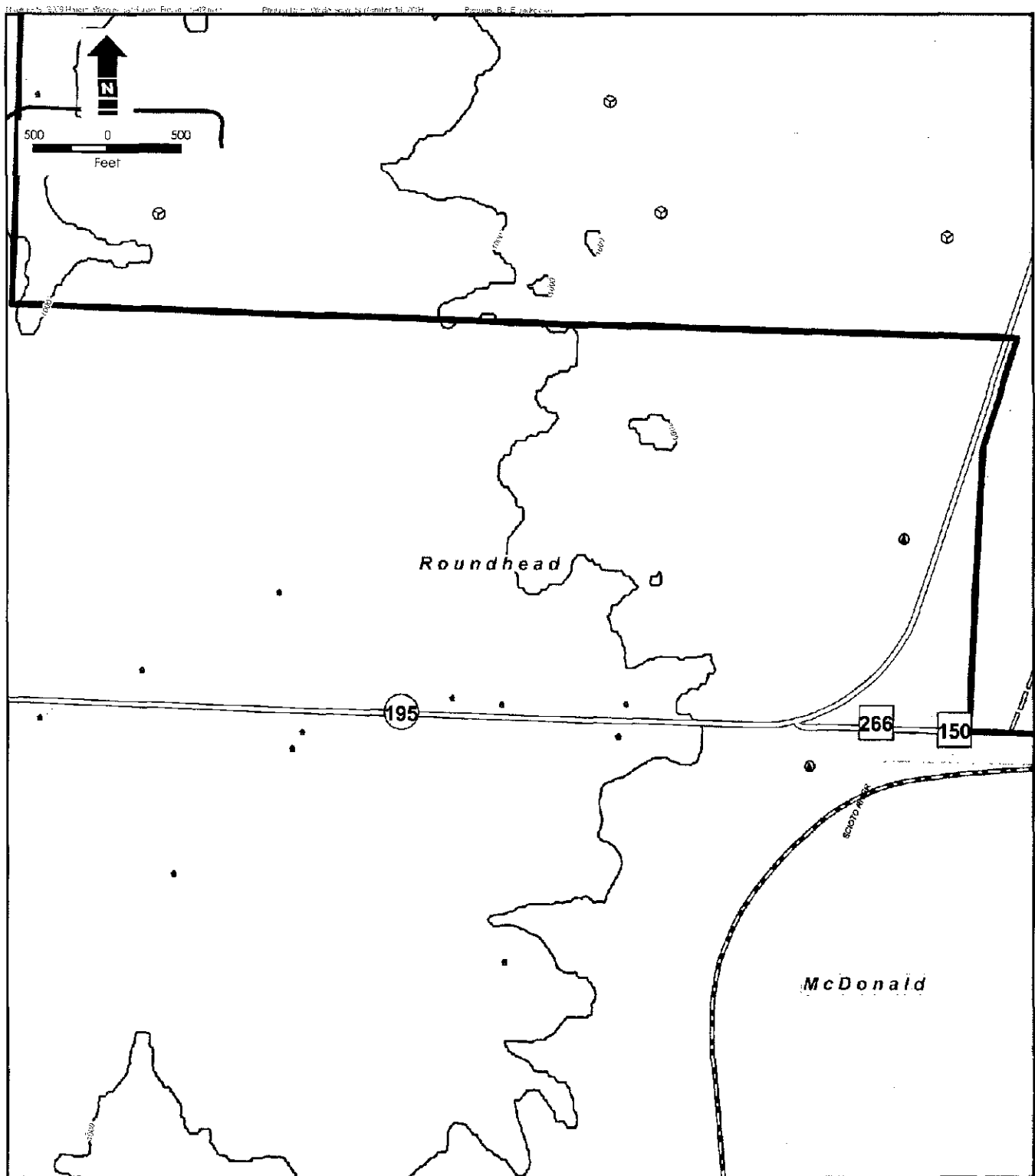
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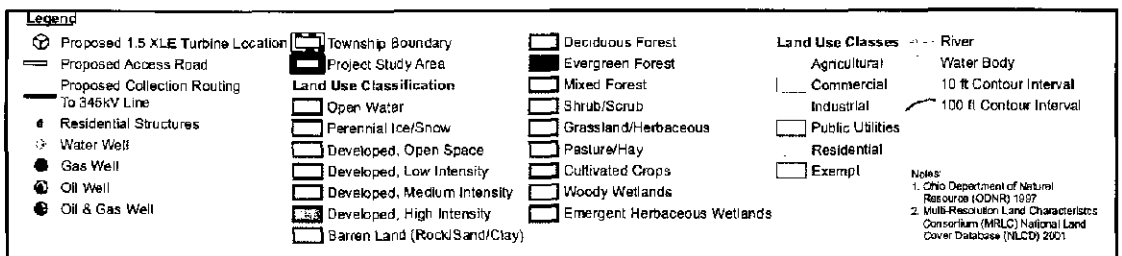
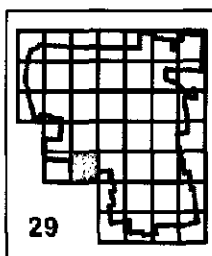
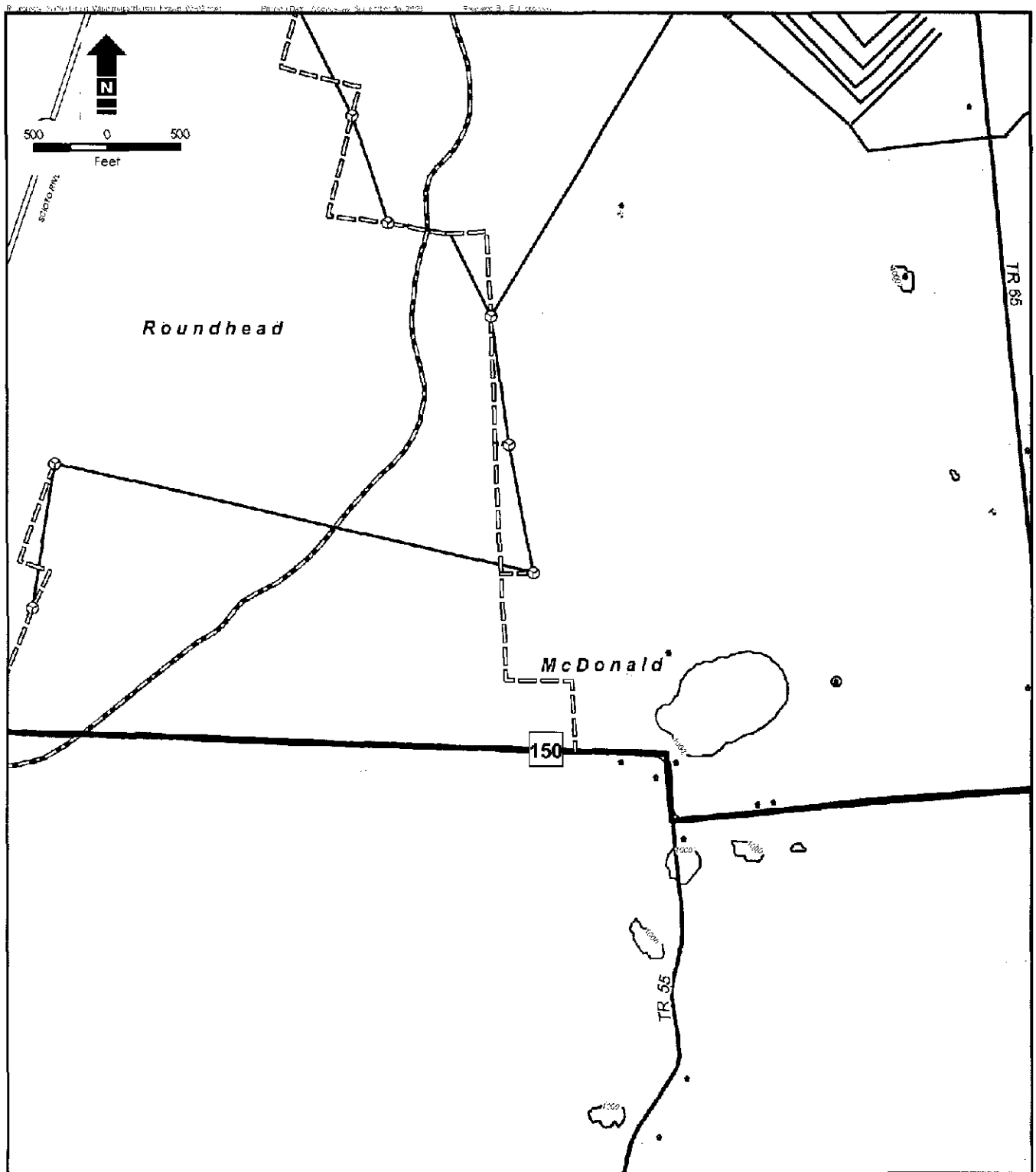
Site Mapping of Project Area

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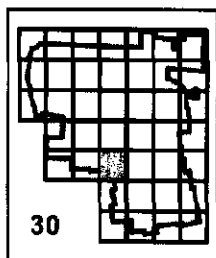
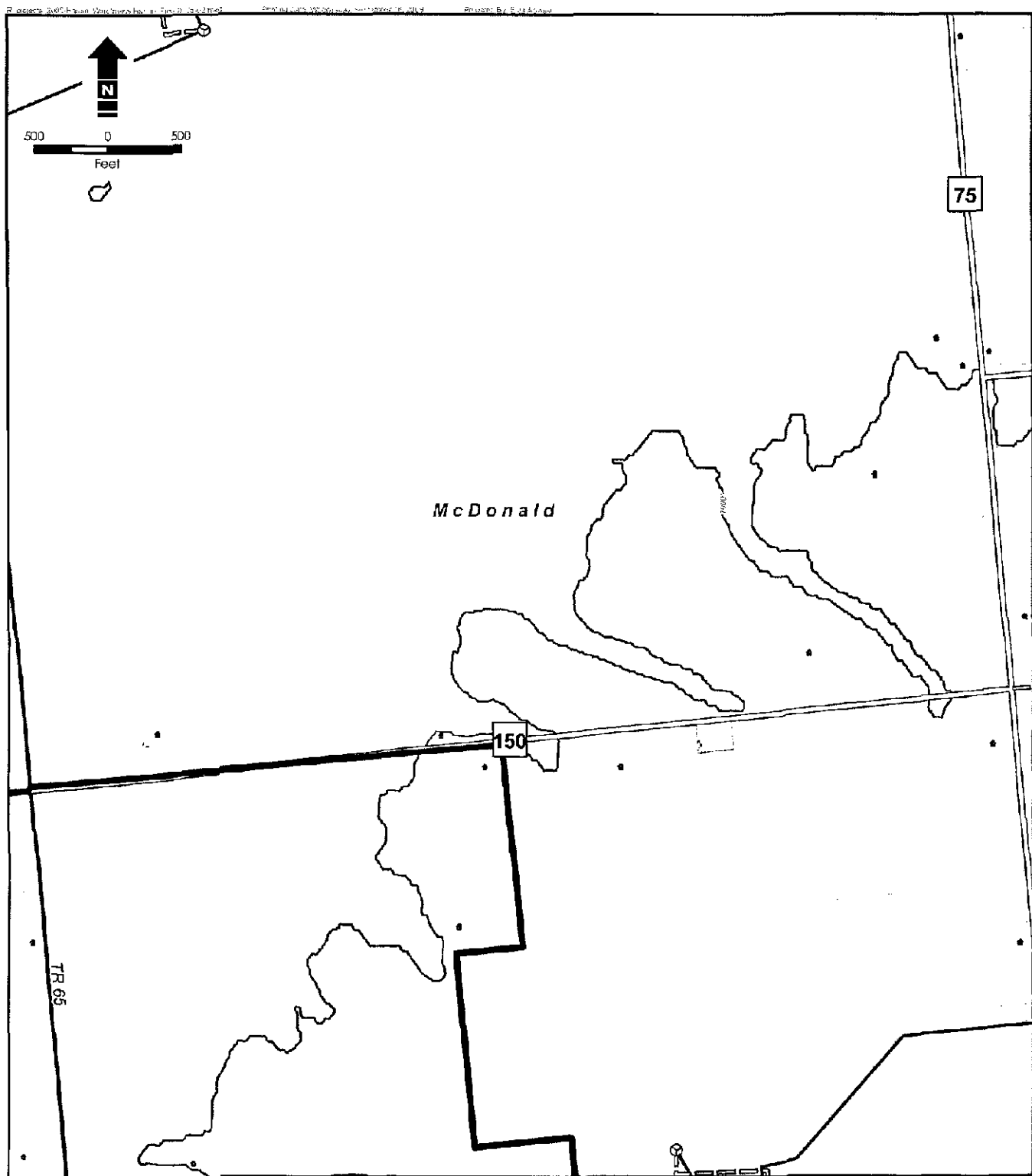


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Hardin Wind Farm, Hardin County, Ohio

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Legend

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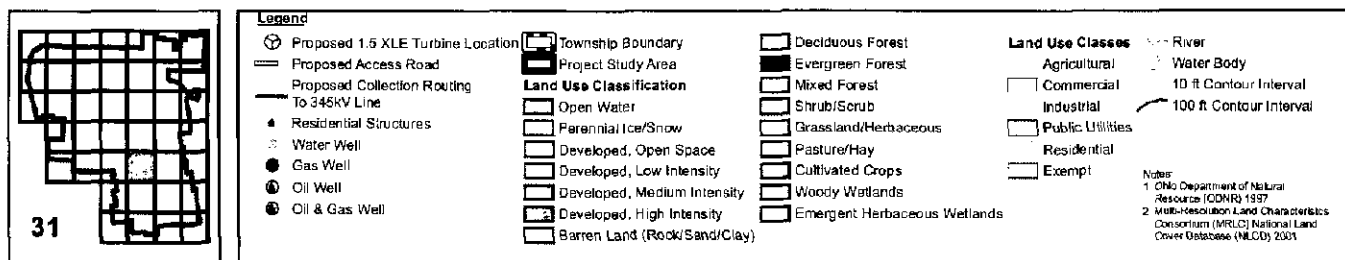
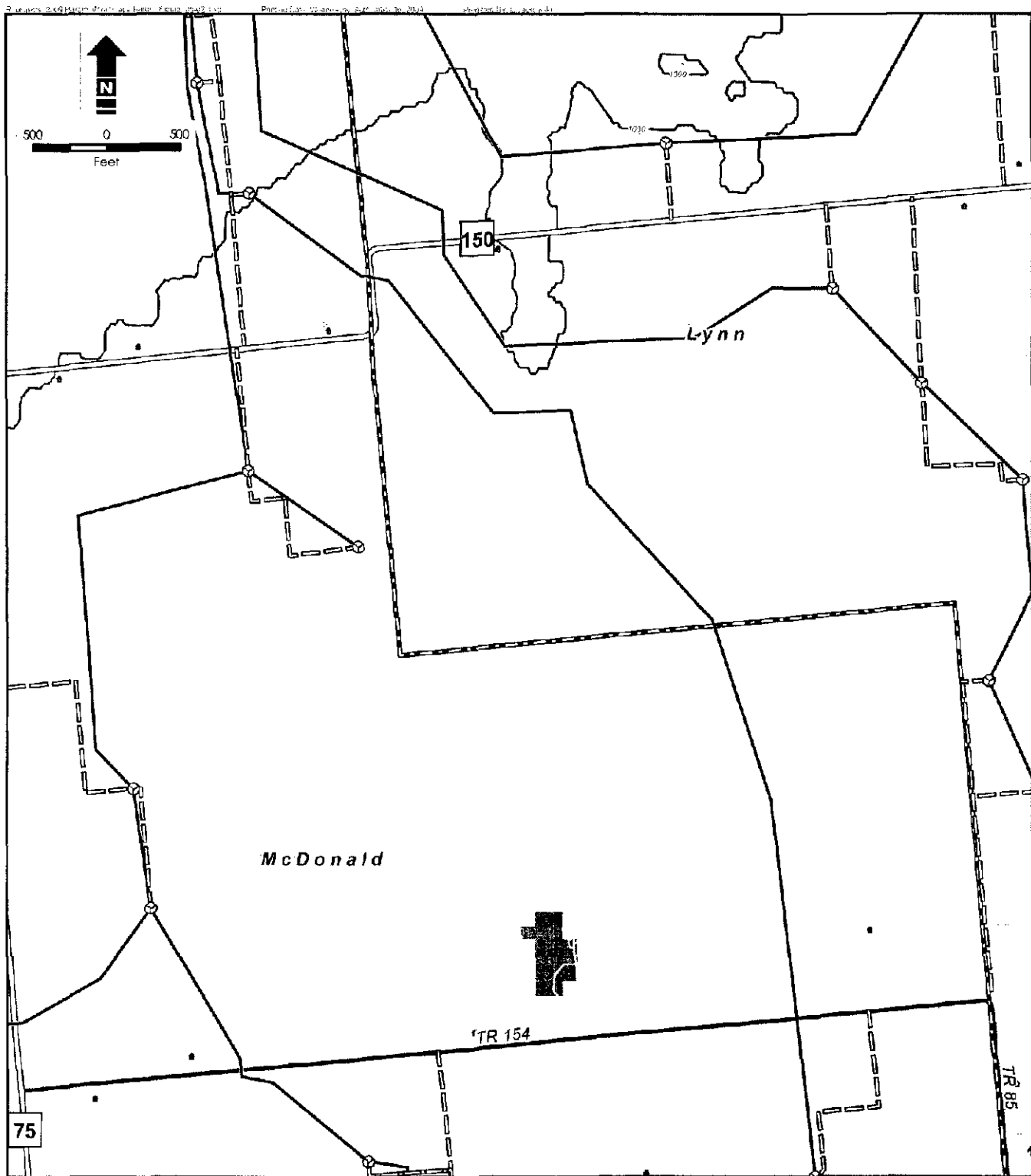
Site Mapping of Project Area

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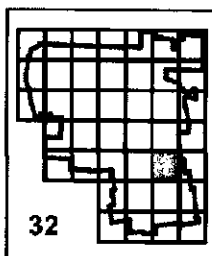
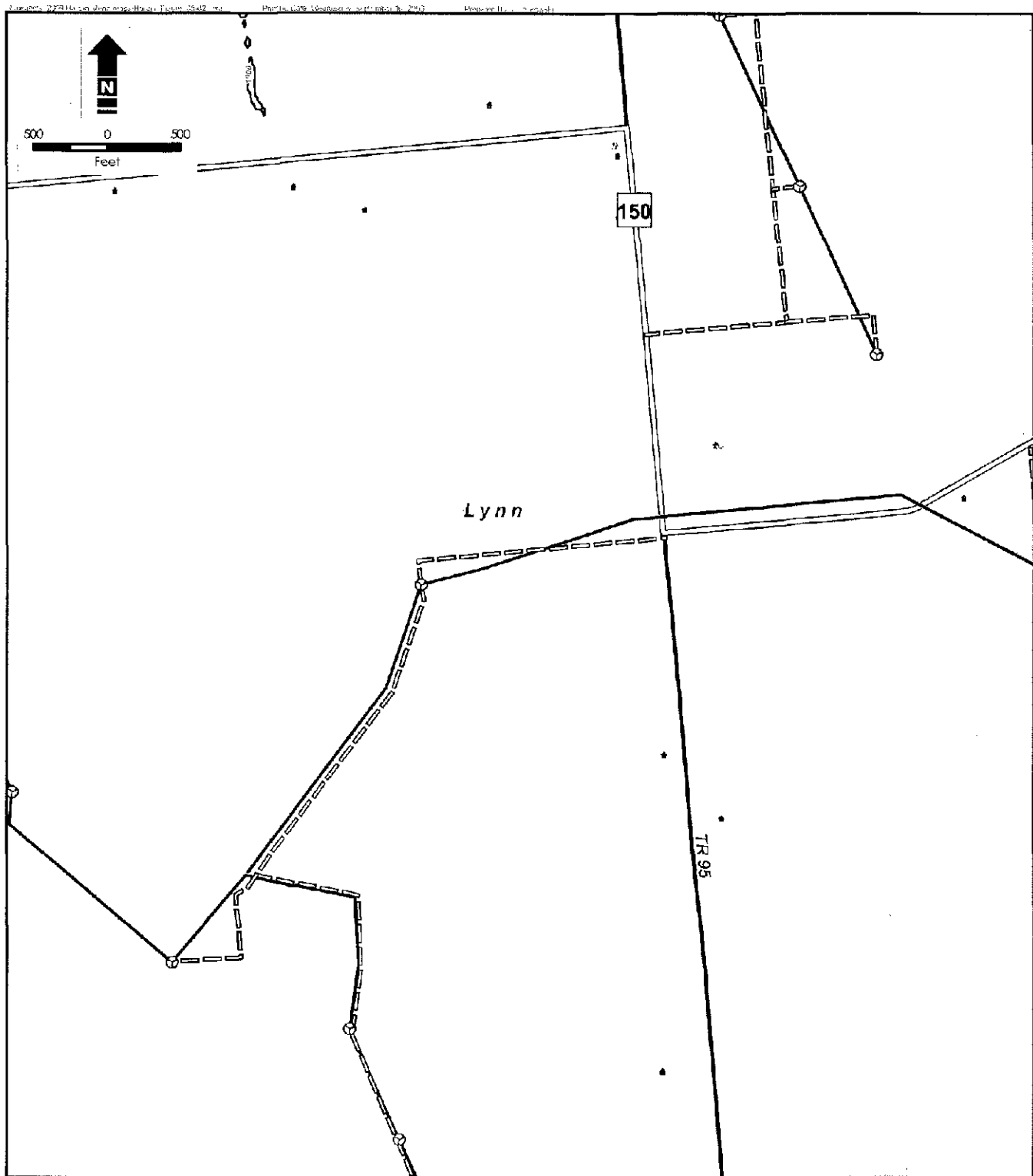
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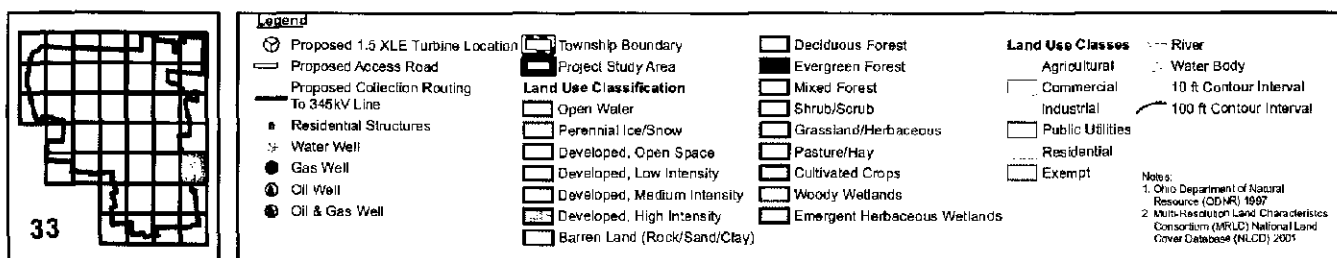
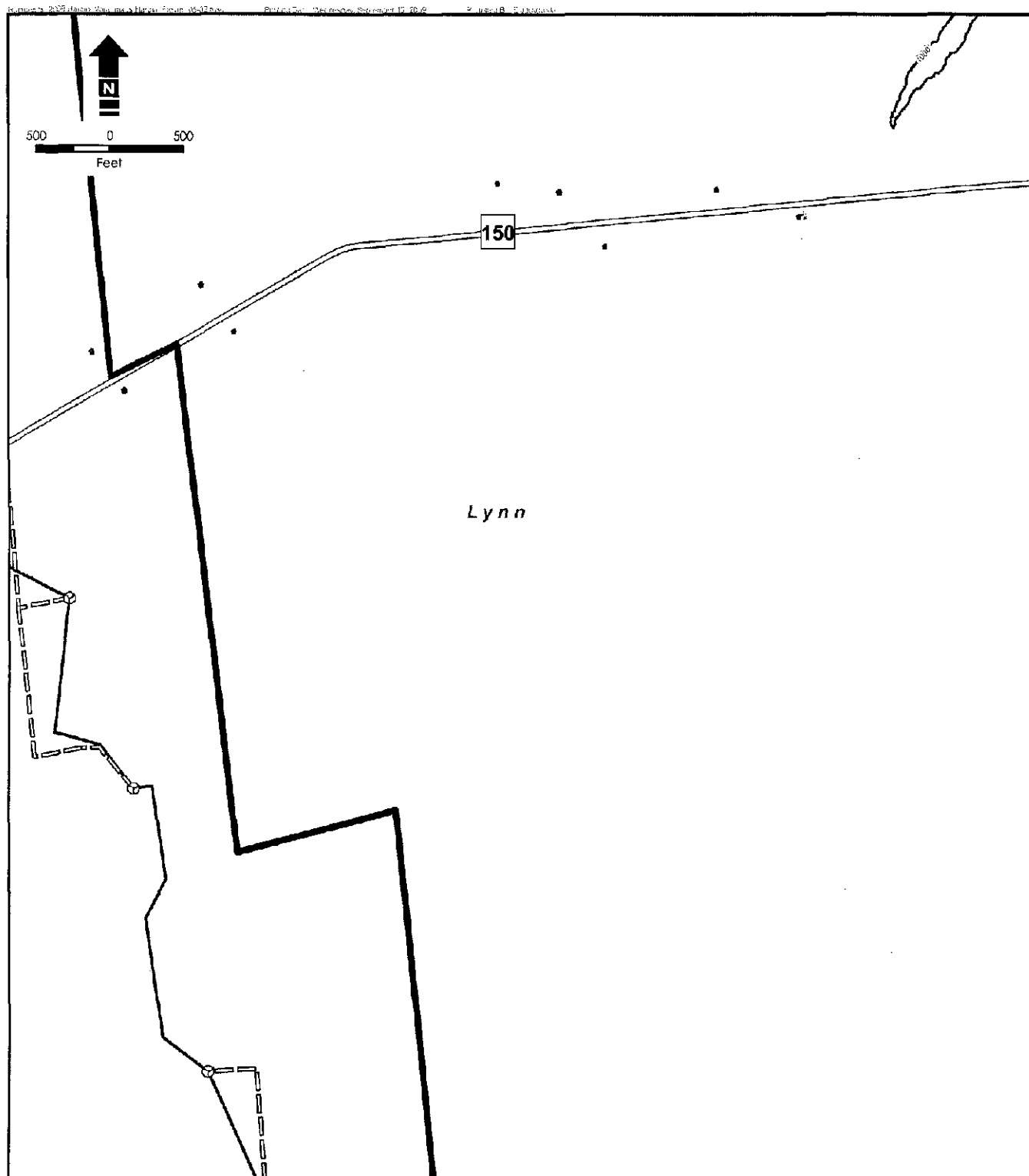
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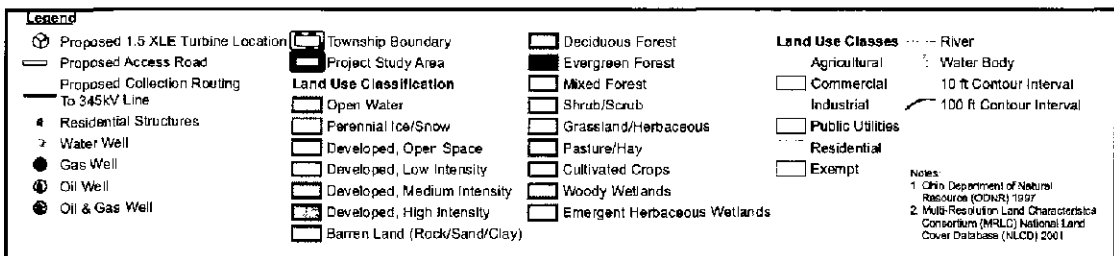
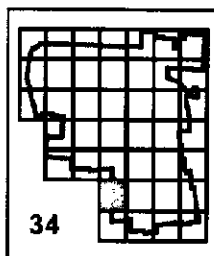
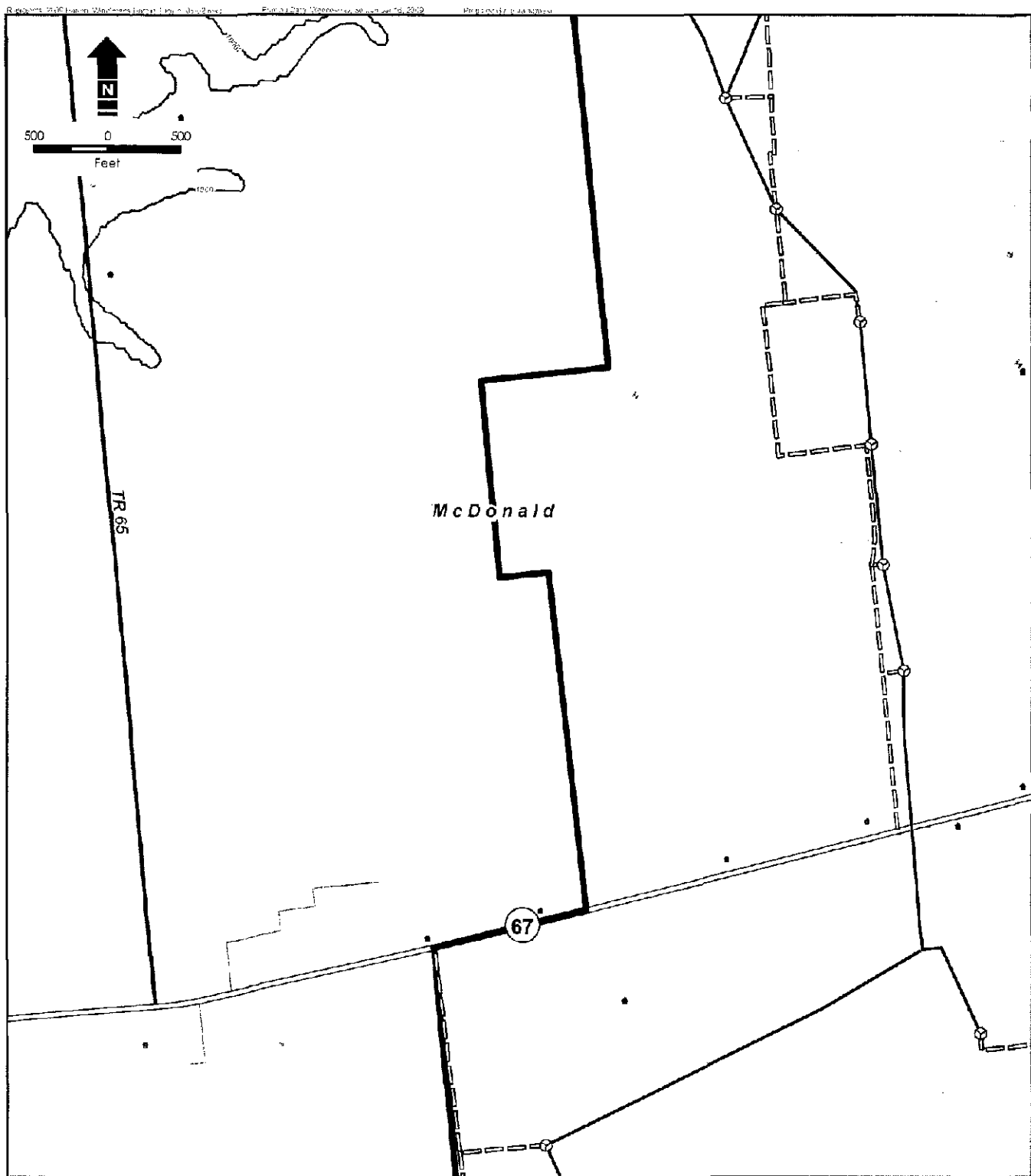
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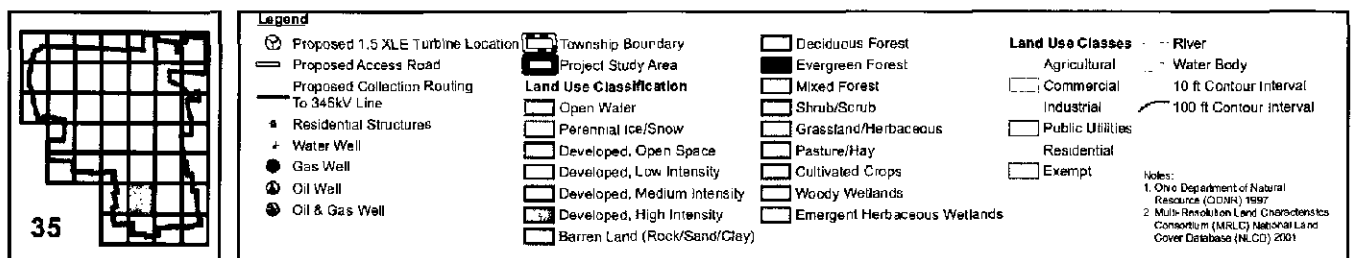
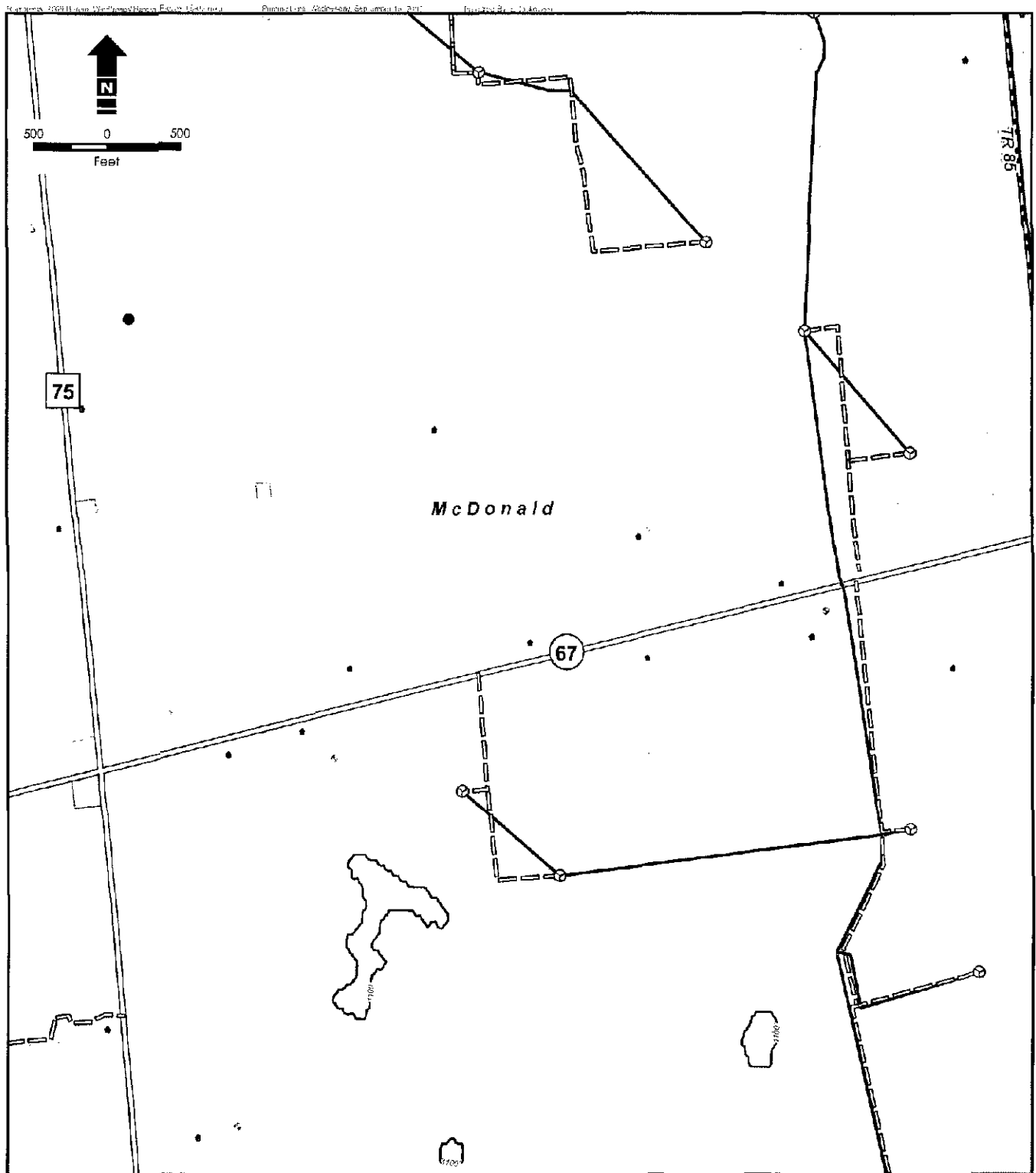
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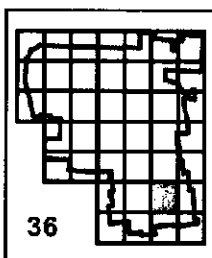
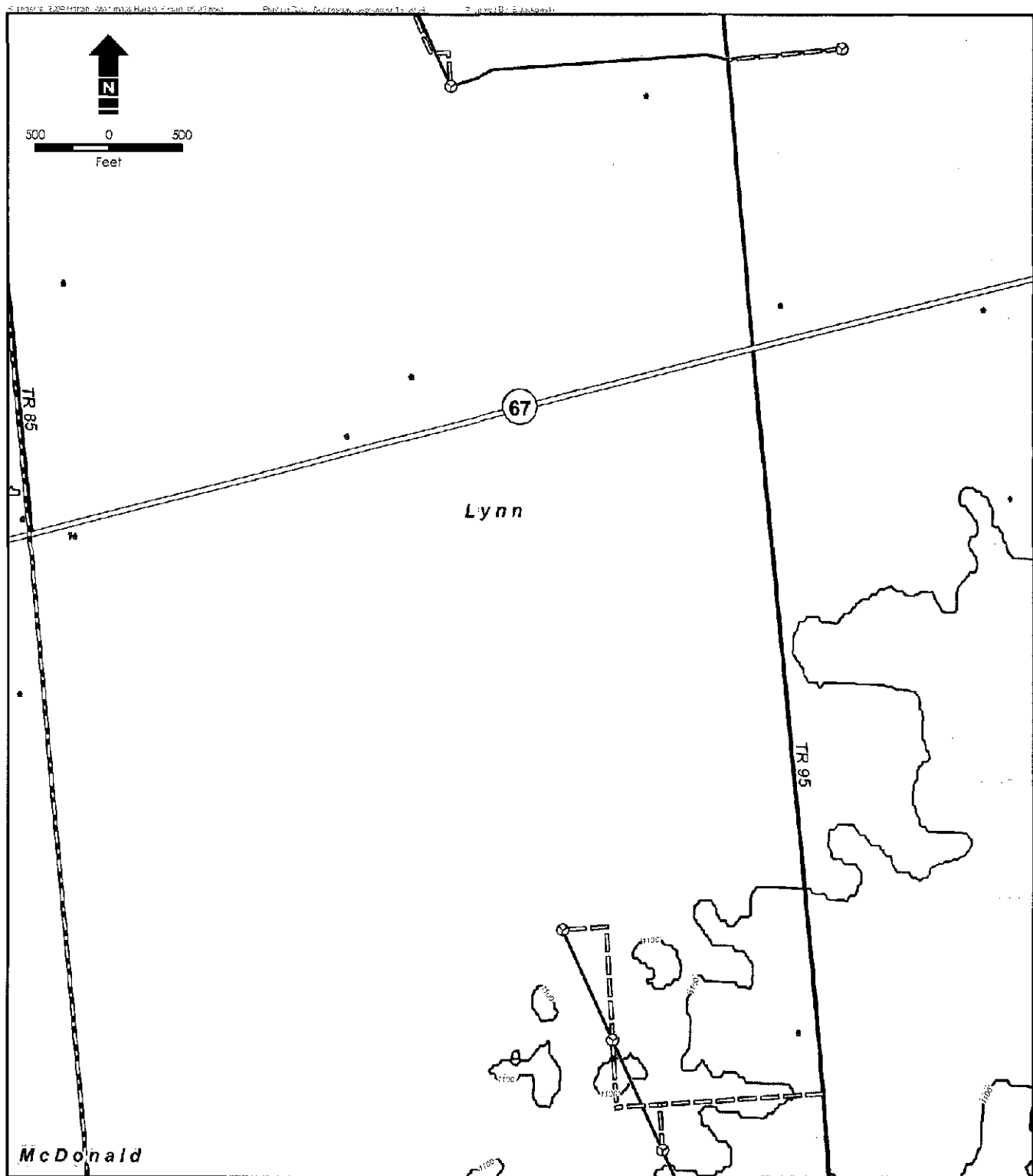


Site Mapping of Project Area

Hardin Wind Farm, Hardin County, Ohio

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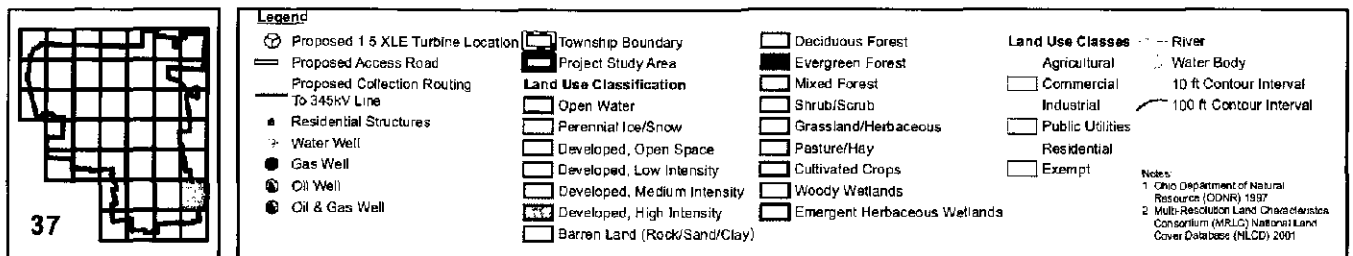
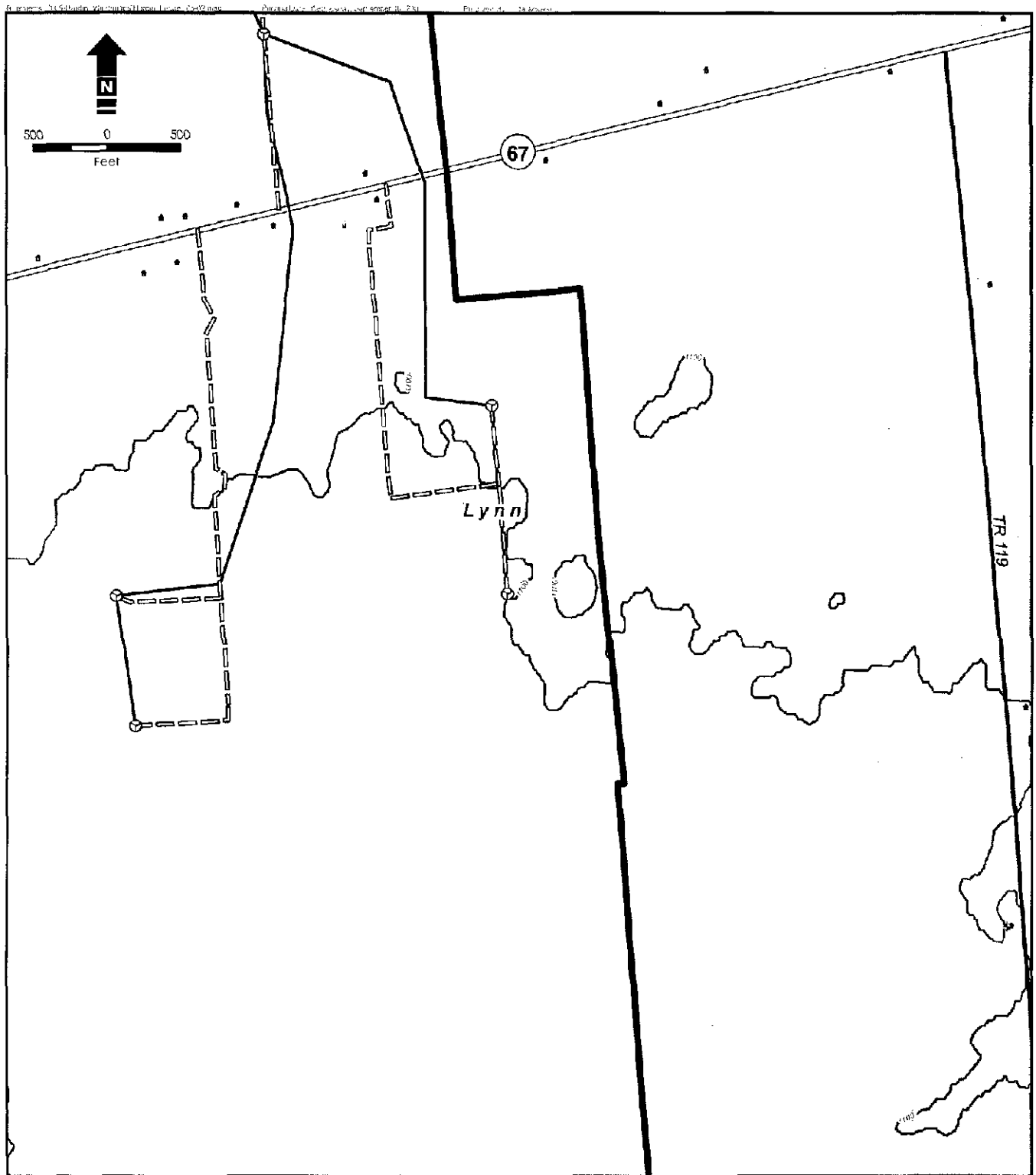
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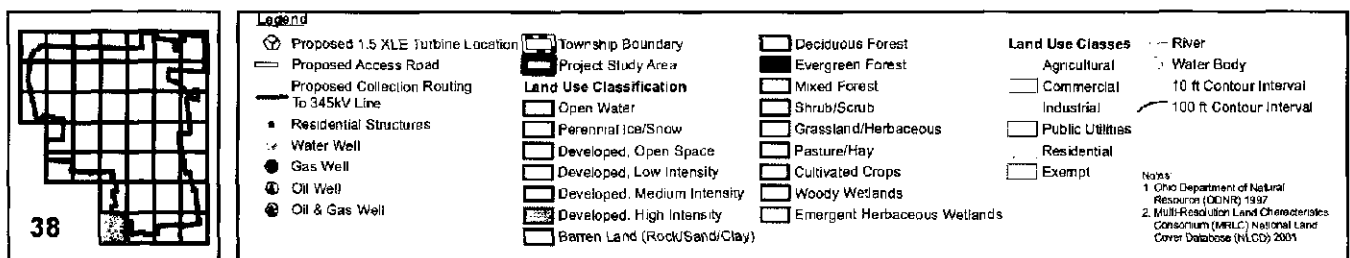
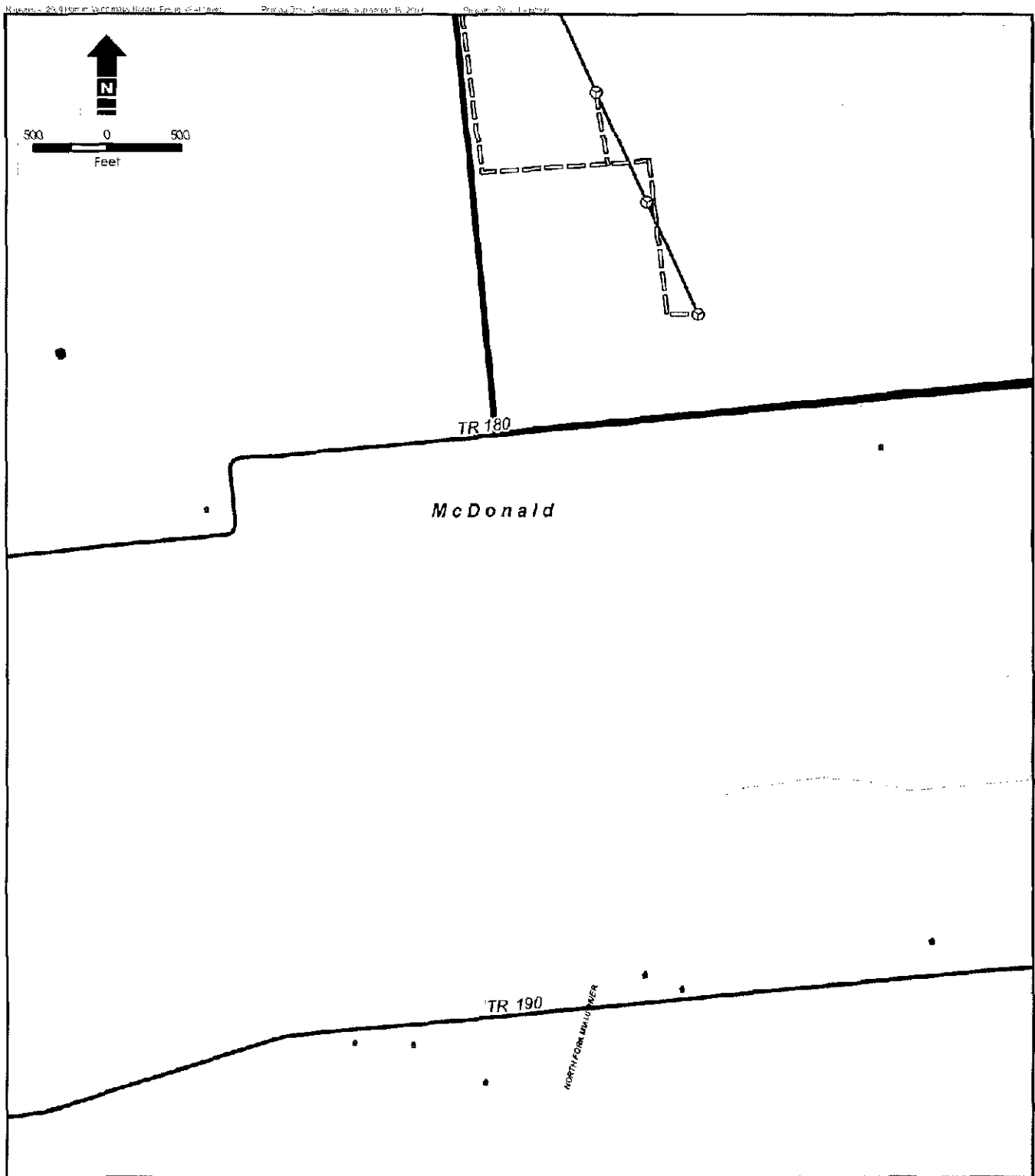
Hardin Wind Farm, Hardin County, Ohio

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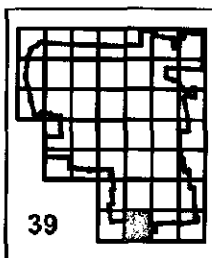
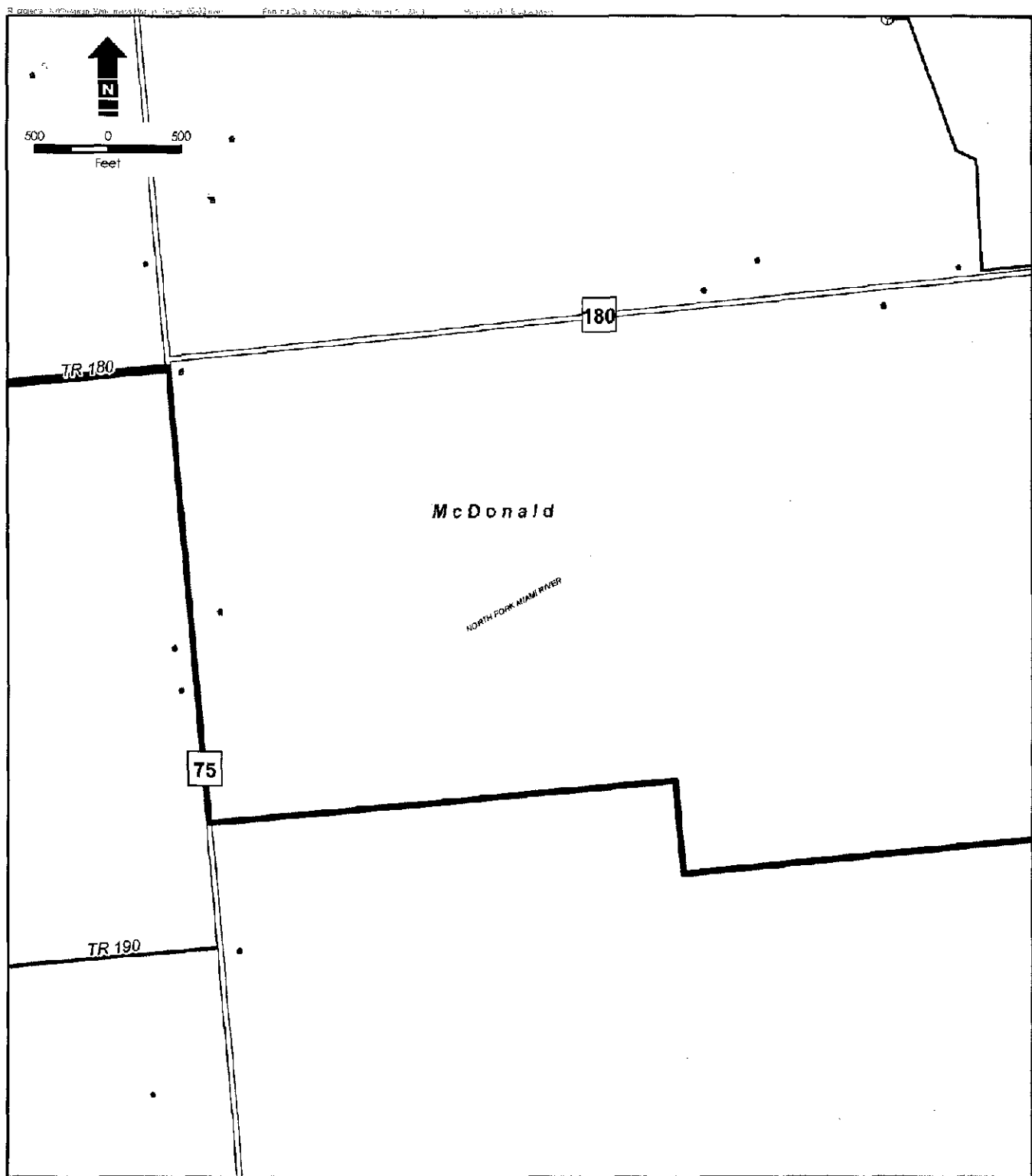
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Legend Proposed 1.5 XLE Turbine Location Proposed Access Road Proposed Collection Routing To 345kV Line Residential Structures Water Well Gas Well Oil Well Oil & Gas Well		Land Use Classification Open Water Perennial Ice/Snow Developed, Open Space Developed, Low Intensity Developed, Medium Intensity Developed, High Intensity Barren Land (Rock/Sand/Clay)		Land Use Classes Agricultural Commercial Industrial Public Utilities Residential Exempt	
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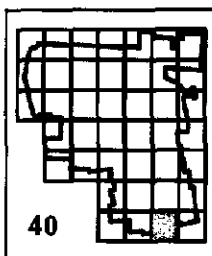
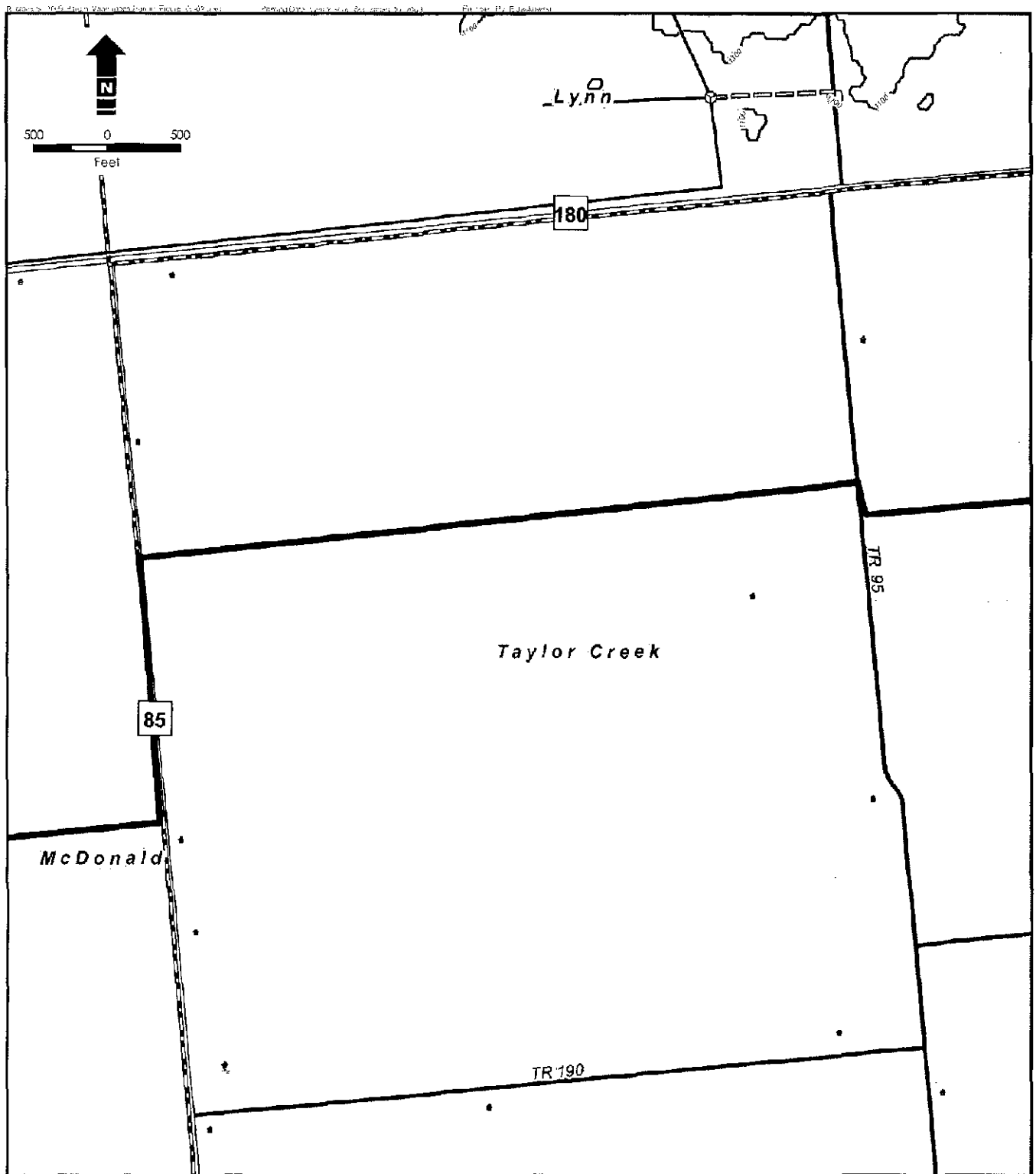
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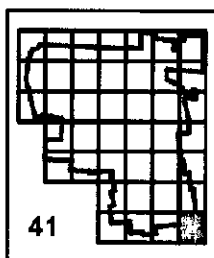
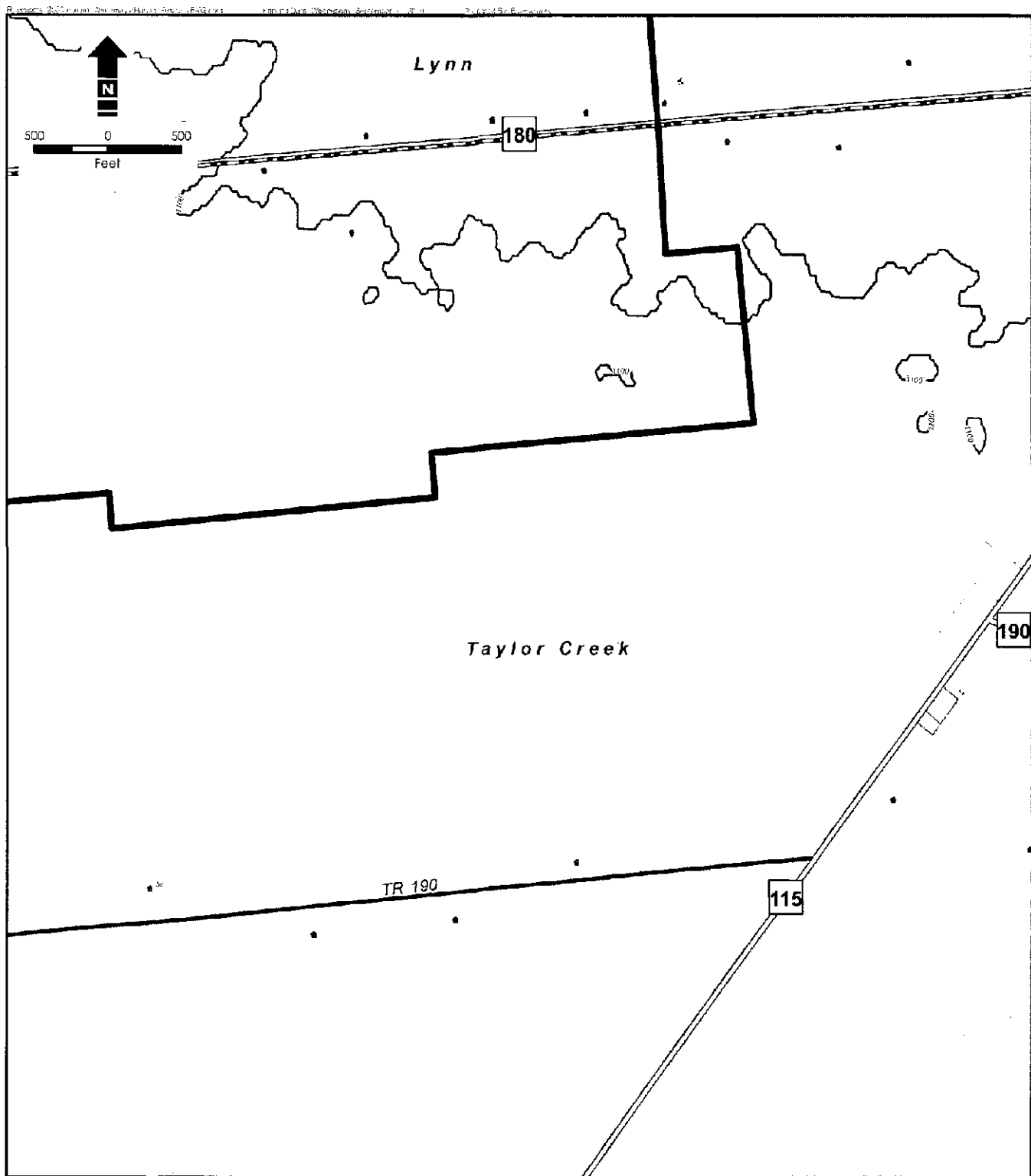
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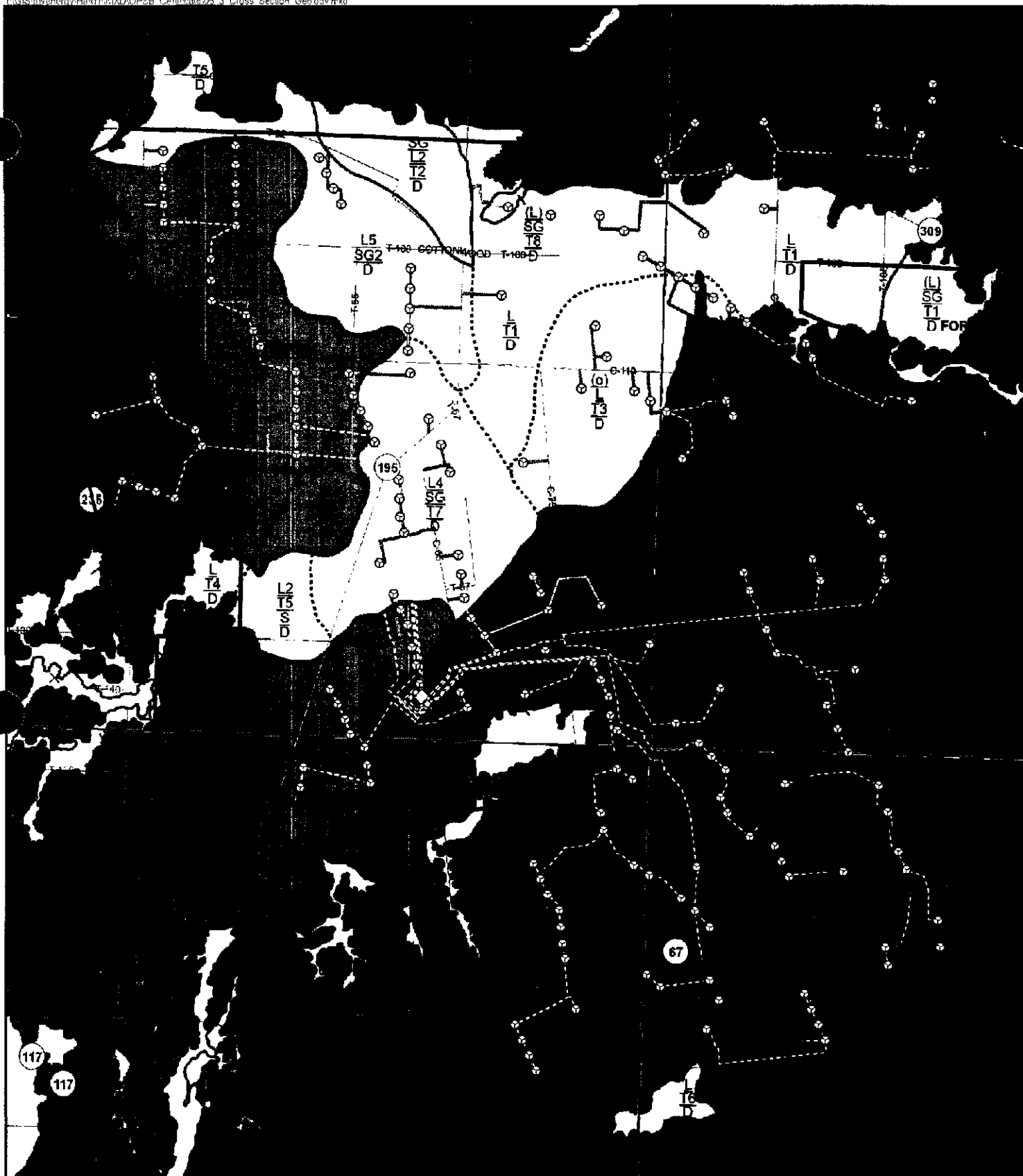
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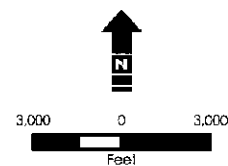




Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Access Road
- Proposed Collection Routing To 346 KV Line
- Project Study Area
- M&E Tower Locations
- Substation Location

Notes:
1 Ohio Department of Natural Resources
Division of Geological Survey

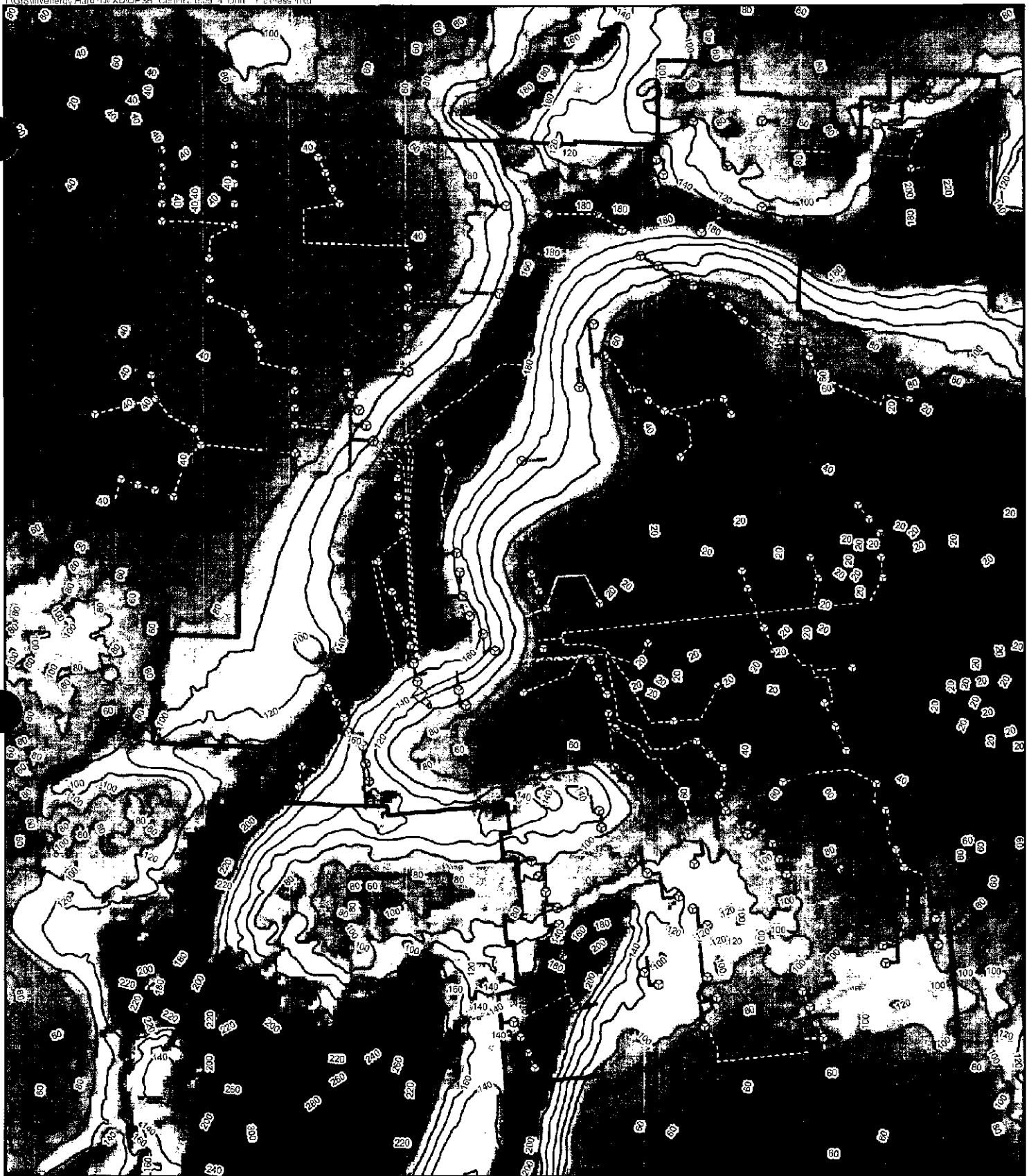


Hardin Cross Sectional Geology

Hardin Wind Farm, Hardin County, Ohio

September 2009

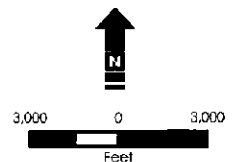




Legend

- 20 ft Glacial Drift Thickness Interval
- ⊙ Proposed 1.5 XLE Turbine Location
- Proposed Access Road
- Proposed Collection Routing To 345 kV Line
- ▭ Project Study Area
- ▲ Met Tower Locations
- Substation Location

Notes:
1. Ohio Department of Natural Resources
Division of Geological Survey



Hardin Glacial Drift Thickness

Hardin Wind Farm, Hardin County, Ohio

September 2009





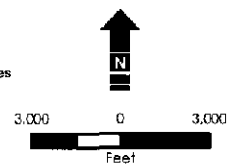
Legend

-  Proposed 1.5 XLE Turbine Location
-  Proposed Access Road
-  Proposed Collection Routing To 345 kV Line
-  Project Study Area
-  Met Tower Locations
-  Substation Location

Bedrock Geology

-  Sl, LOCKPORT DOLOMITE, Dolomite, Upper and Lower Silurian
-  Ss, SLINGO, SALINA GROUP, Dolomite, anhydrite, gypsum, salt, and shale, Upper and Lower Silurian
-  Sg, TMOCHTEE AND GREENFIELD DOLOMITES, UNDIVIDED, Dolomite and shale, Upper and Lower Silurian

Notes:
1. Ohio Department of Natural Resources
Division of Geological Survey

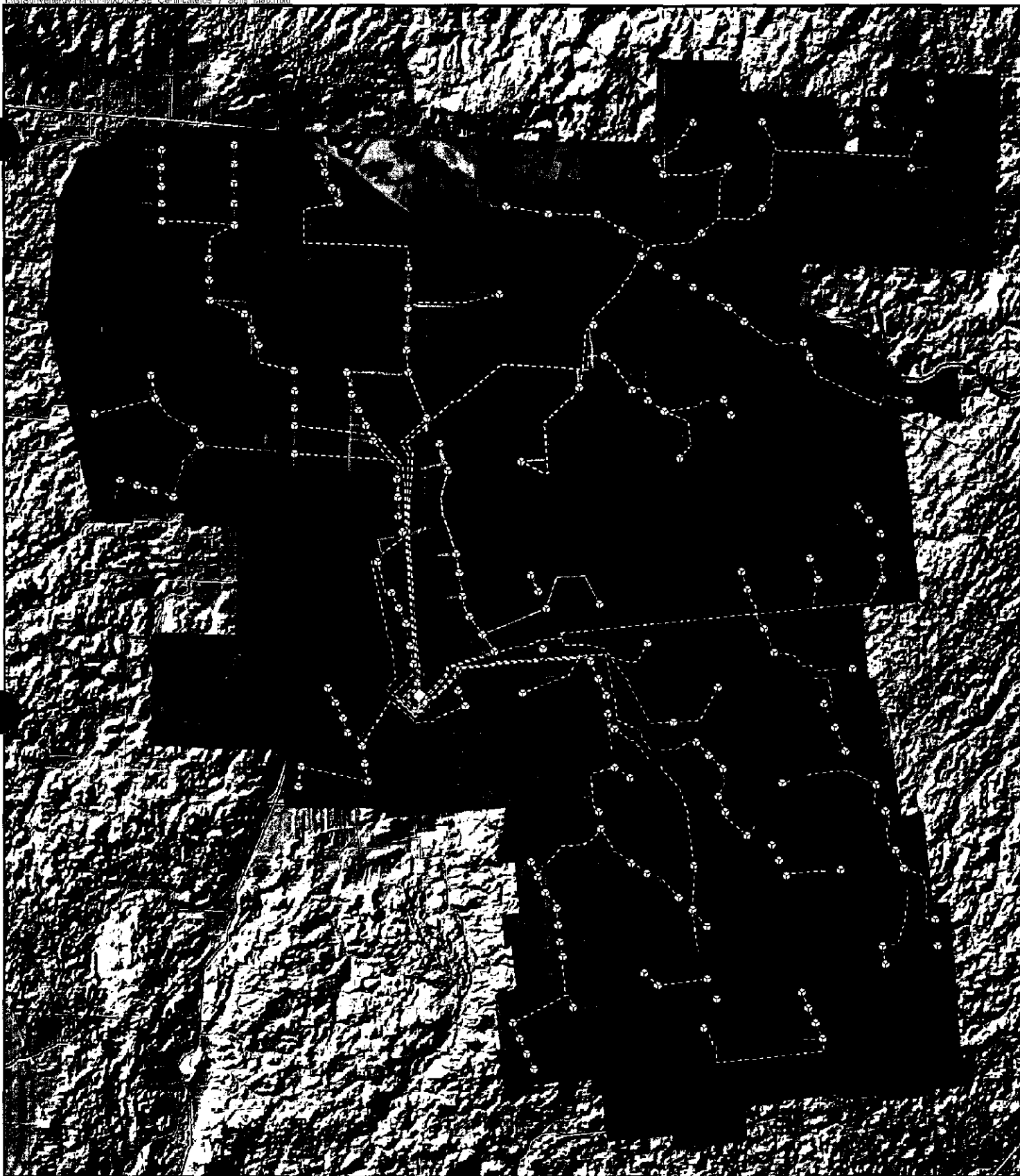


Hardin Bedrock Geology

Hardin Wind Farm, Hardin County, Ohio

September 2009



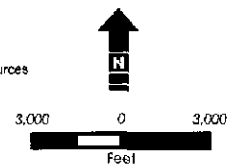


Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Access Road
- Proposed Collection Routing To 345 KV Line
- Met Tower Locations
- Substation Location
- Project Study Area

Soil Type		Co	GyC2	Ln	Mp	PkA	SKA
BnB	DeA	HkA	MaB	MrD2	Pm	So	
BoA	FuA	HkB	Mc	MsC2	Po	W	
BoB	GwB	KaB	Mf	OcA	Ro	We	
Ca	GyB2	KbA	Mo	Ot	Sa		

Notes:
1. U.S. Department of Agriculture, Natural Resources Conservation Service, 2005



Hardin Soils

Hardin Wind Farm, Hardin County, Ohio

September 2009

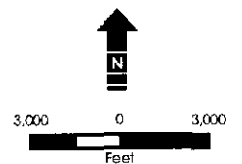




Legend

- | | |
|--|---------------------|
| 100-Year Flood Hazard Areas | Met Tower Locations |
| Proposed 1.5 XLE Turbine Location | Substation Location |
| Proposed Access Road | Project Study Area |
| Proposed Collection Routing To 345 kV Line | |

Notes:
1. Ohio Department of Natural Resources



Hardin Floodplains

Hardin Wind Farm, Hardin County, Ohio

September 2009



by
James J. Schmidt
1982

Scale in miles
1:62,500

Contour Interval: 10 feet

[illegible]

AREAS IN WHICH YIELDS OF 100 TO 500 GALLONS PER MINUTE MAY BE DEVELOPED

Fallen and domestic supplies usually developed at depths of less than 135 ft. Yields of 100 to 500, or more, gallons per minute may be developed from fractured granite at depths of up to 300 feet. Many drilling contractors drill wells less than 65 ft deep to attempt the development of ground water from the

Unconsolidated soil layers are associated with glacial movements are more than 65 feet thick. Deposited materials may be also exposed from this series of layers and gravel pits located in their places in that of soils are designed for principal aquifer. The principal aquifer.

This means you can't rely on your own knowledge or experience to make decisions about your business.

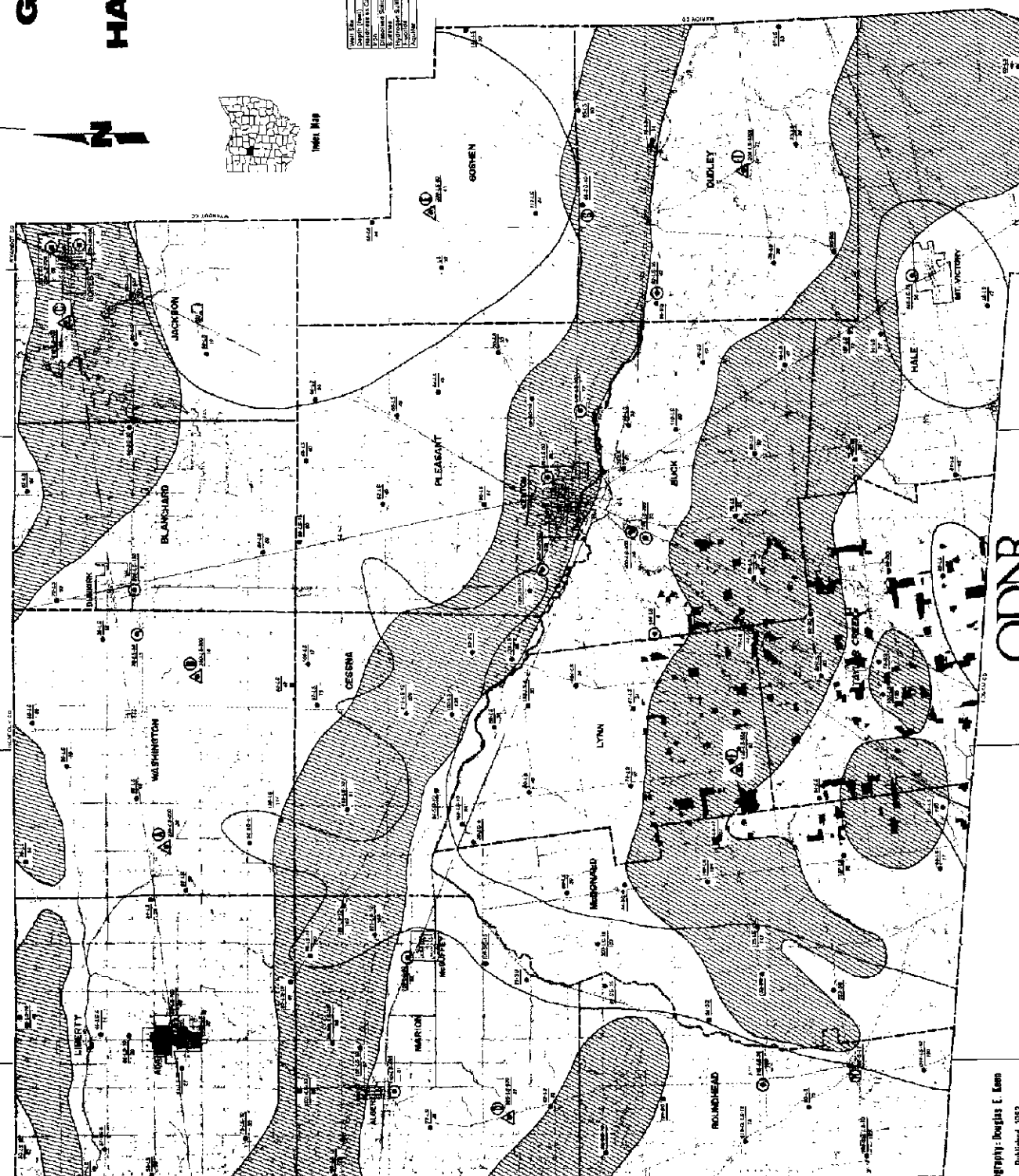
AS CAS IN WHICH YIELDS OF AS MUCH AS 100 GALLONS PER MINUTE MAY BE DEVELOPED

attains a life expectancy of just a few years or less than 5 gallons per minute may be required.



- | FORMATION | US - LITHOLOGY |
|-------------------------------|----------------|
| ● Domestic Well | |
| ⊙ Public or Industrial Well | |
| ⊙ Well Clog / Non-aq Analysis | |
| ⊙ Test Well | |

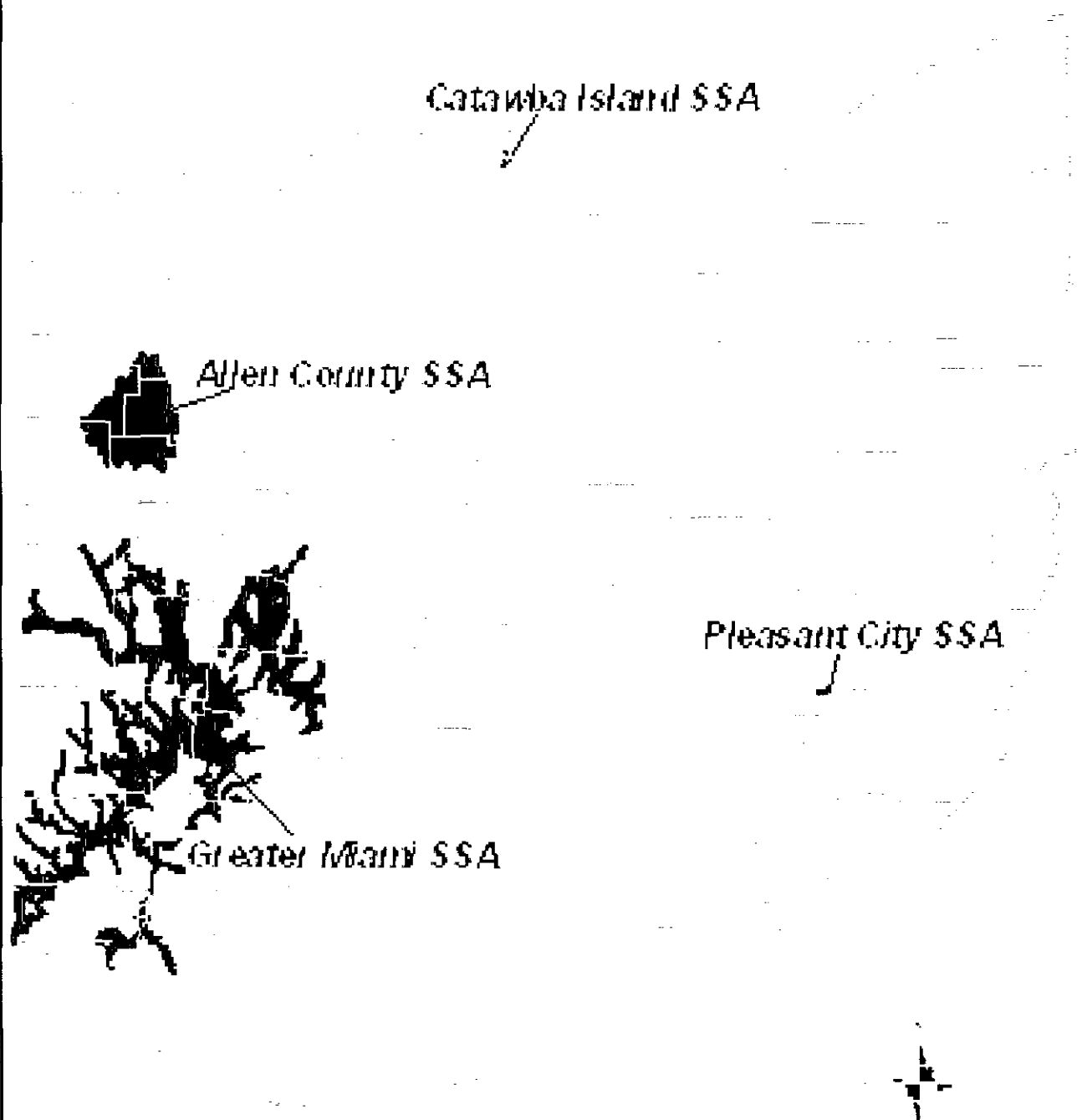
Also popular are decorated Christmas trees placed in the entry, or surrounded by a lush garland of colorful flowers, with a centerpiece of greenery and red berries.

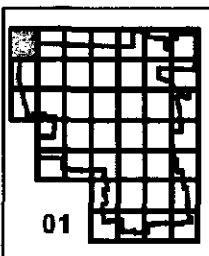
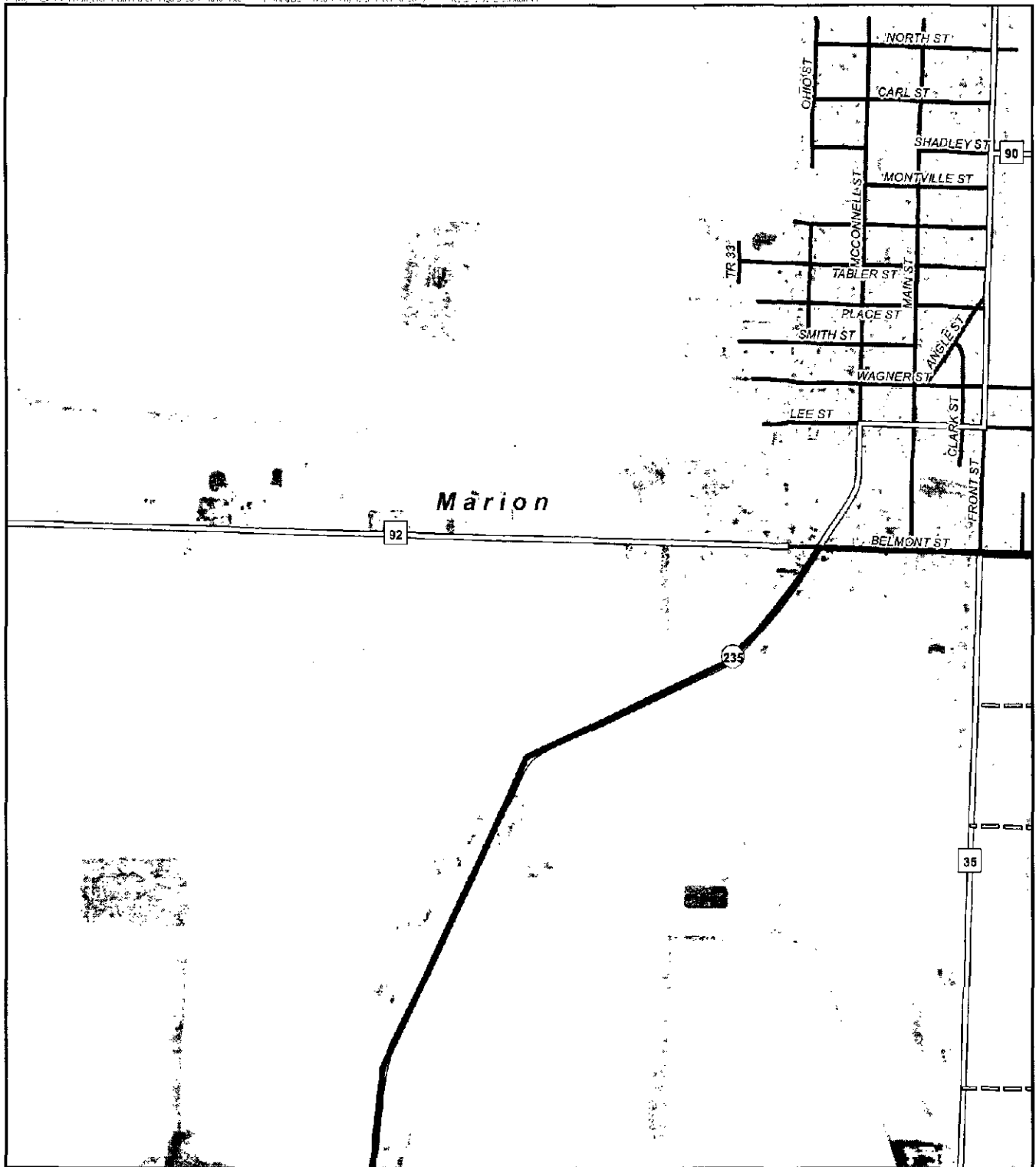


Cartography: Douglas E. Keen
Published: 1983

ODNR
OHIO DEPARTMENT OF
NATURAL RESOURCES

Sole Source Aquifers in Ohio

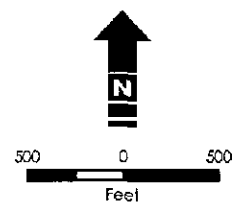




Legend

-  Proposed 1.5 XLE Turbine Location  US Highway
 Proposed Substation  State/County Road
 Existing Transmission Line  Town Road
 Proposed Access Road  Township Boundary
 Proposed Collection Routing To 345 kV Line  Project Study Area

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2006
3. ESRI Data & Maps, 2007



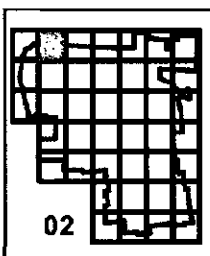
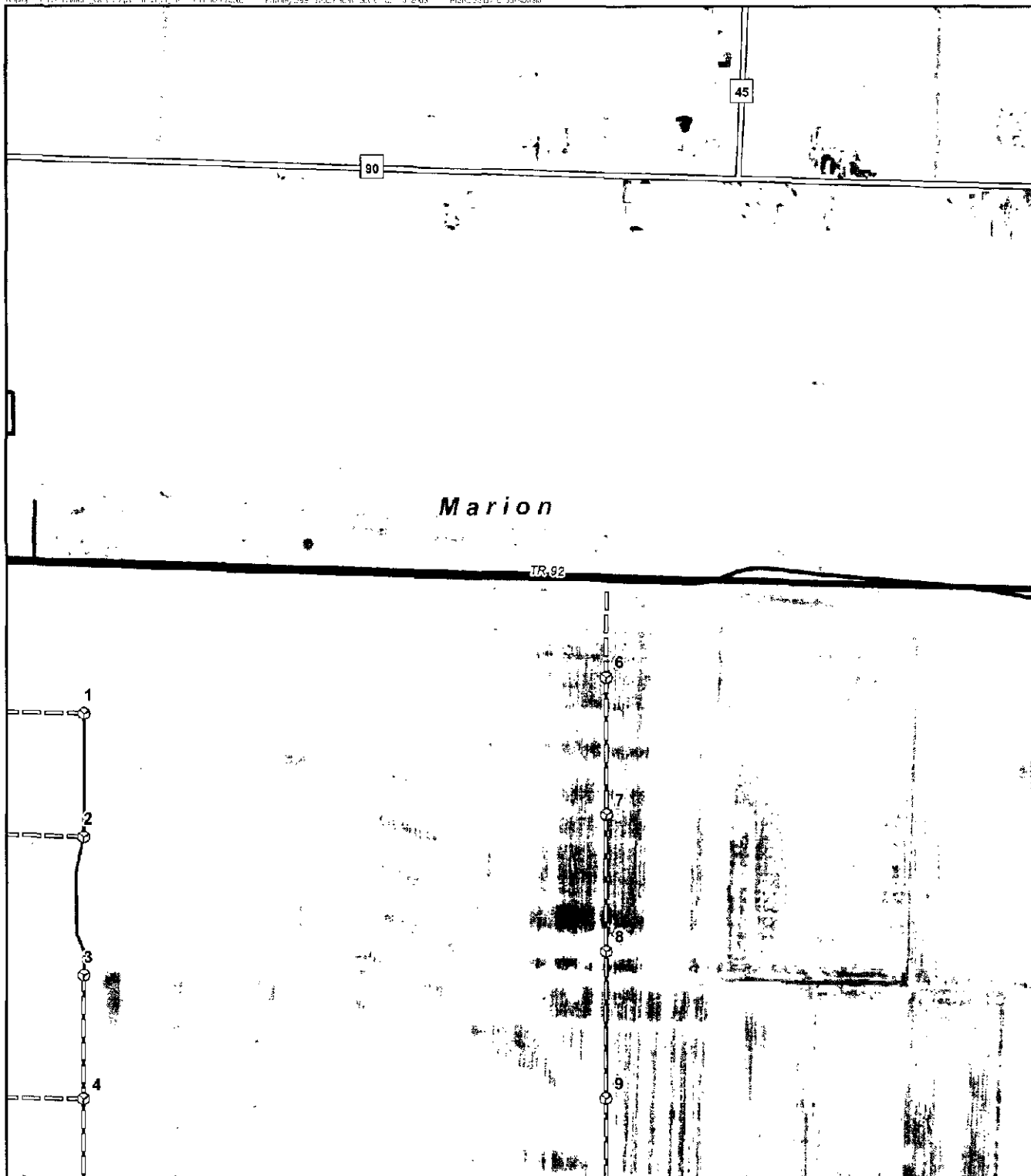
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

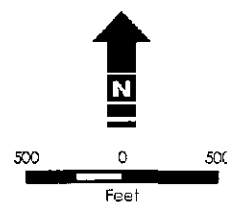




Legend

-  Proposed 1.5 XLE Turbine Location  US Highway
 Proposed Substation  State/County Road
 Existing Transmission Line  Town Road
 Proposed Access Road  Township Boundary
 Proposed Collection Routing To 345 kV Line  Project Study Area

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2006
3. ESRI Data & Maps, 2007



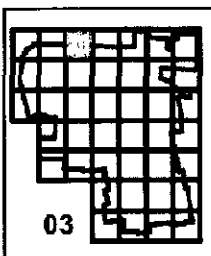
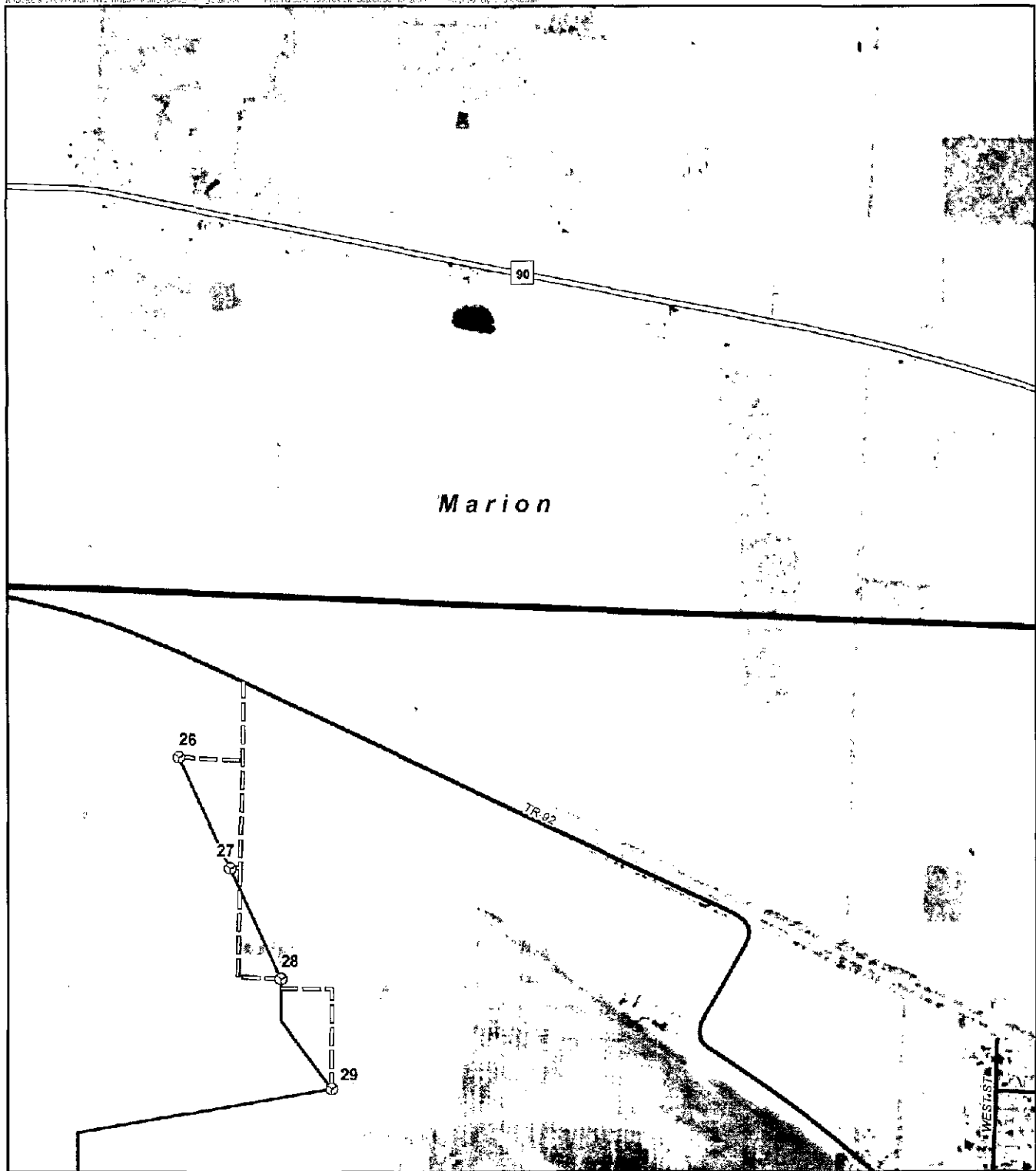
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

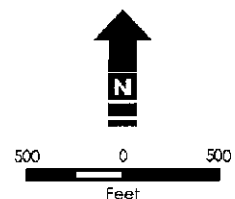




Legend

- ⊗ Proposed 1.5 GE XLE Turbine Location
- Proposed Substation
- Existing Transmission Line
- Proposed Access Road
- Proposed Collection Routing To 345 kV Line
- US Highway
- State/County Road
- Town Road
- Township Boundary
- Project Study Area

Notes:
 1. Ohio State Imagery Program (OSIP), March/April 2006
 3. ESRI Data & Maps, 2007



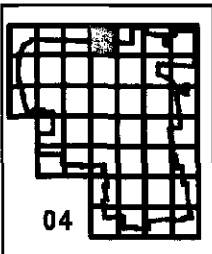
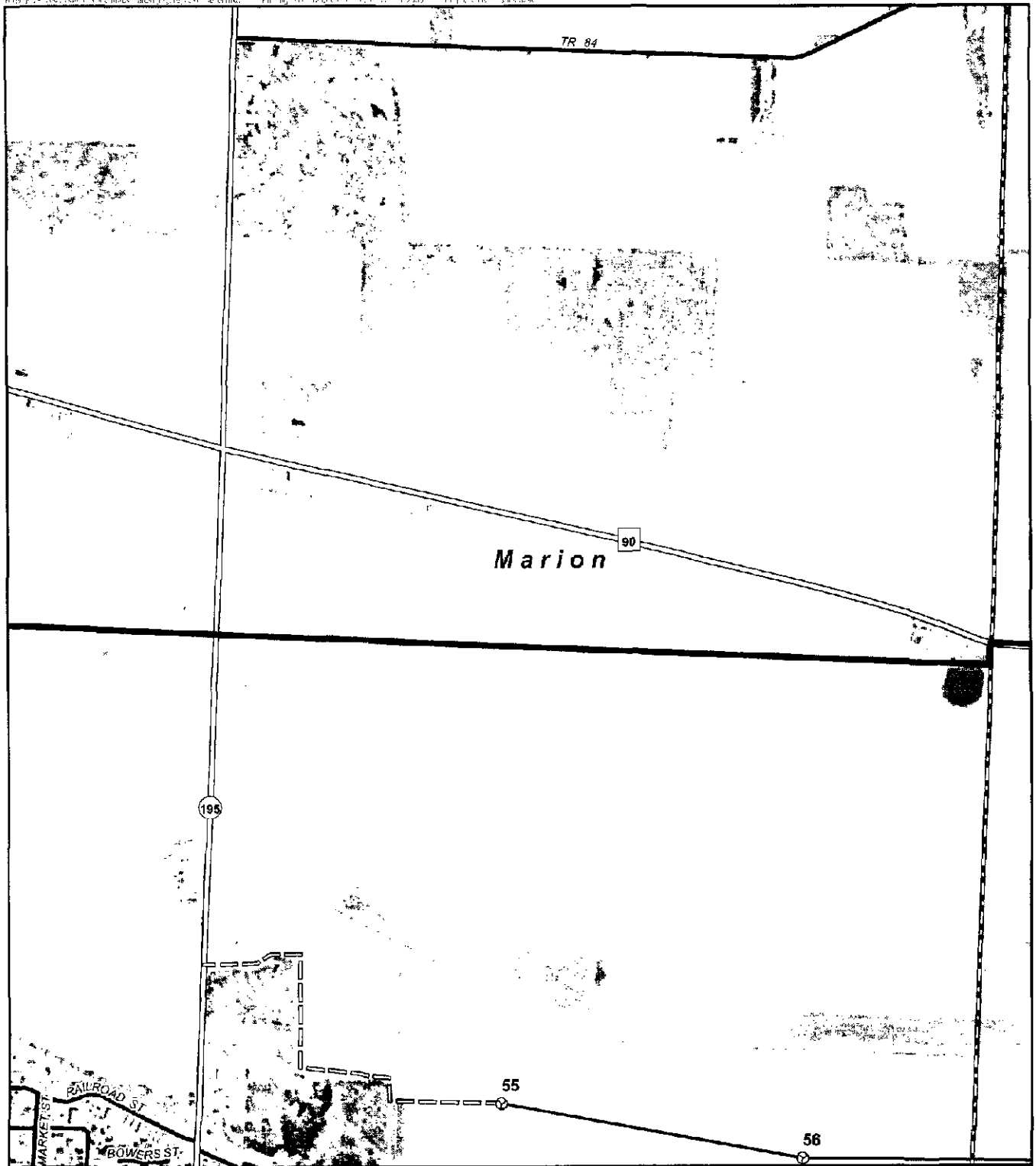
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

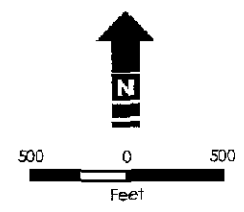




Legend

- ⊗ Proposed 1.5 XLE Turbine Location
- Proposed Substation
- Existing Transmission Line
- Proposed Access Road
- Proposed Collection Routing To 345 kV Line
- US Highway
- State/County Road
- Town Road
- Township Boundary
- ▭ Project Study Area

Notes:
 1. Ohio State Imagery Program (OSIP), March/April 2005
 2. ESRI Data & Maps, 2007



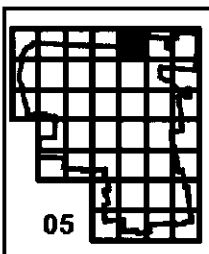
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

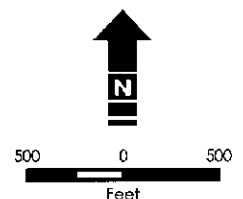




Legend

- ⊙ Proposed 1.5 XLE Turbine Location
- ⬜ Proposed Substation
- Existing Transmission Line
- Proposed Access Road
- Proposed Collection Routing To 345 kV Line
- US Highway
- State/County Road
- Town Road
- ⬜ Township Boundary
- ⬜ Project Study Area

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2006
3. ESRI Data & Maps, 2007



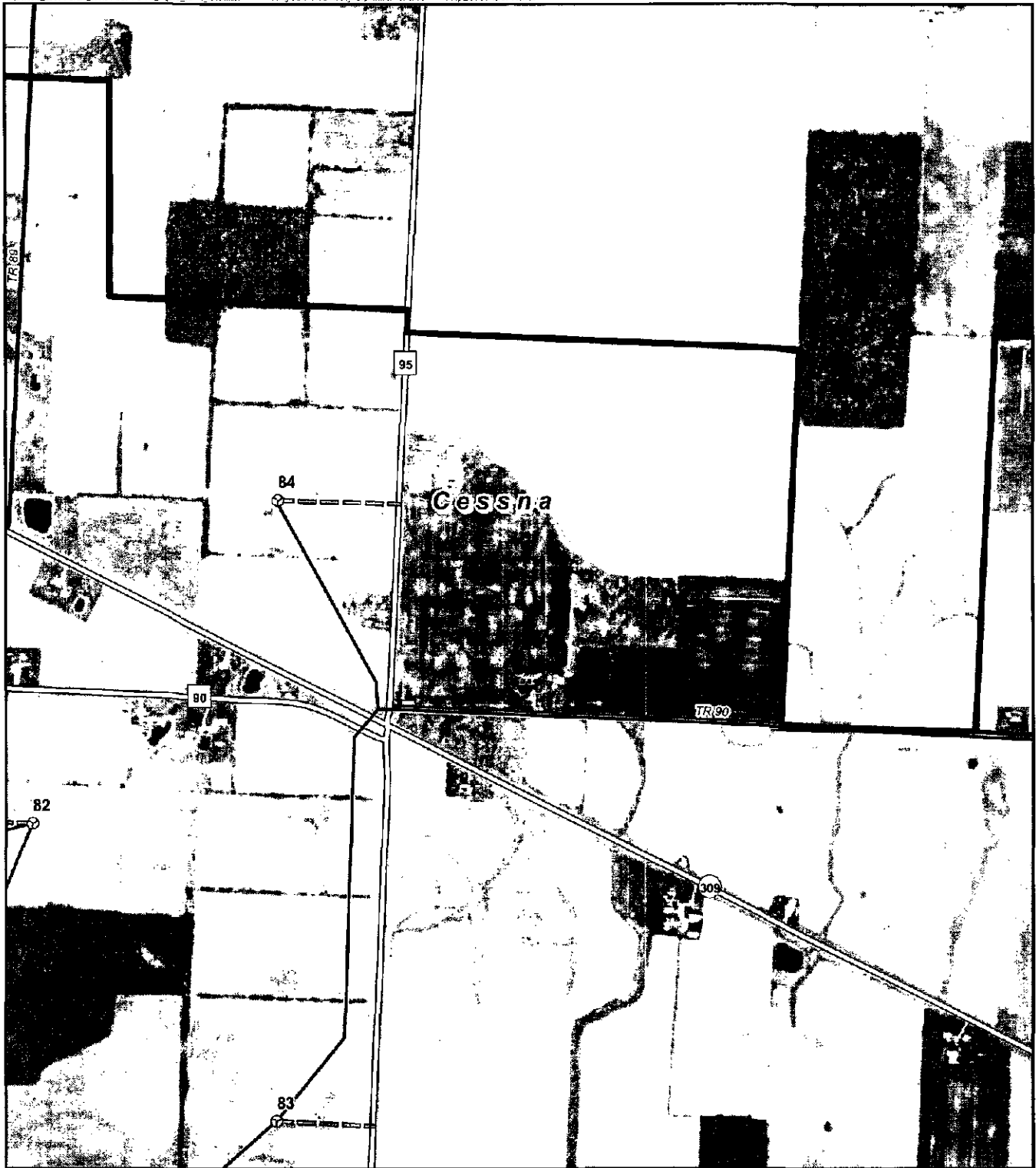
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009





06

Legend

	Proposed 1.5 XLE Turbine Location		US Highway
	Proposed Substation		State/County Road
	Existing Transmission Line		Town Road
	Proposed Access Road		Township Boundary
	Proposed Collection Routing To 345 kV Line		Project Study Area

500 0 500
Feet

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2006
3. ESRI Data & Maps, 2007

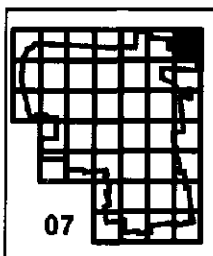
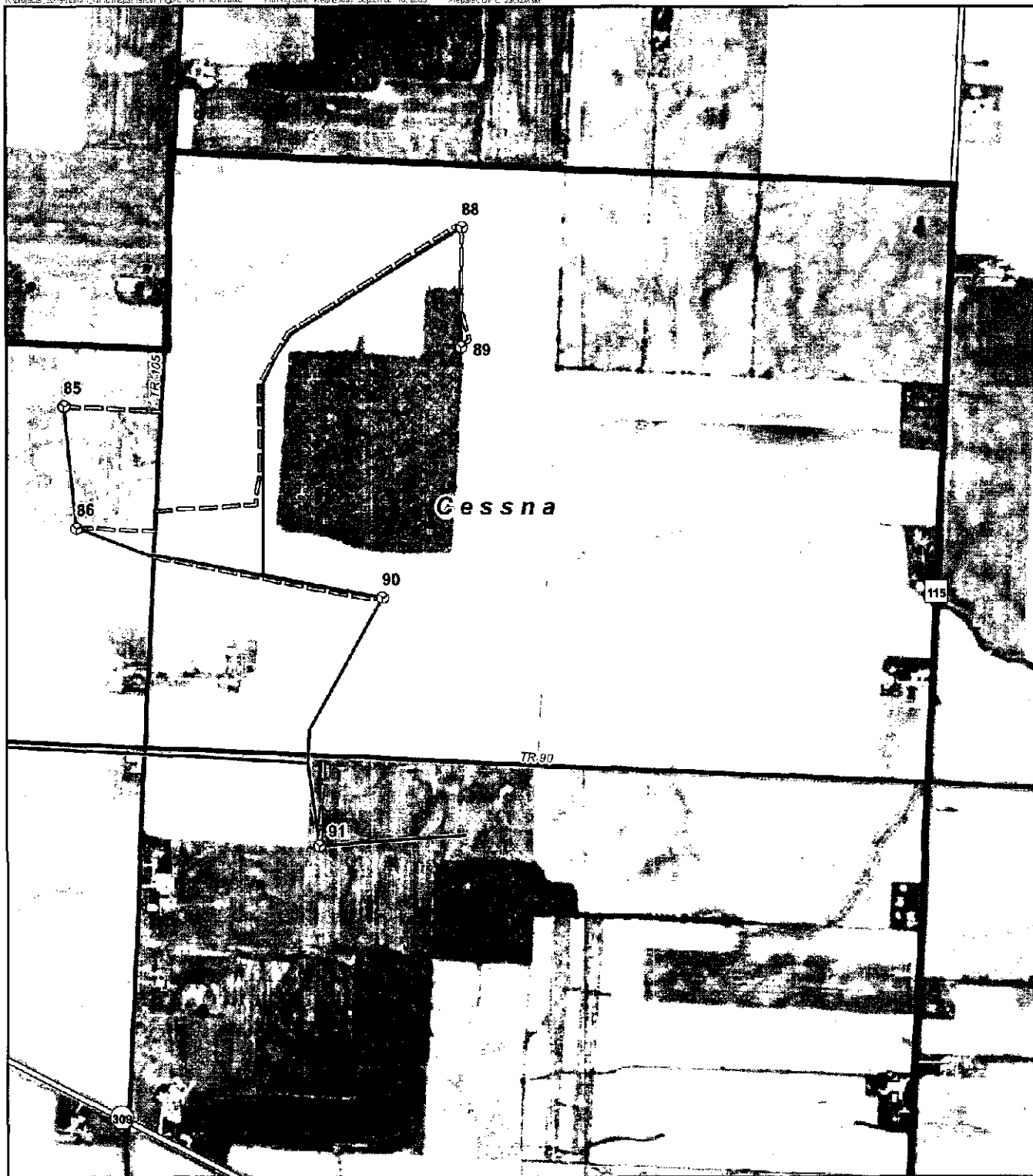
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

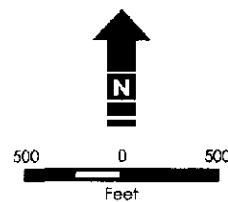




Legend

- ⊗ Proposed 1.5 XLE Turbine Location
- ⊠ Proposed Substation
- Existing Transmission Line
- - - Proposed Access Road
- Proposed Collection Routing To 345 kV Line
- US Highway
- State/County Road
- Town Road
- Township Boundary
- ⬜ Project Study Area

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2006
3. ESRI Data & Maps, 2007



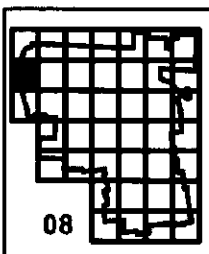
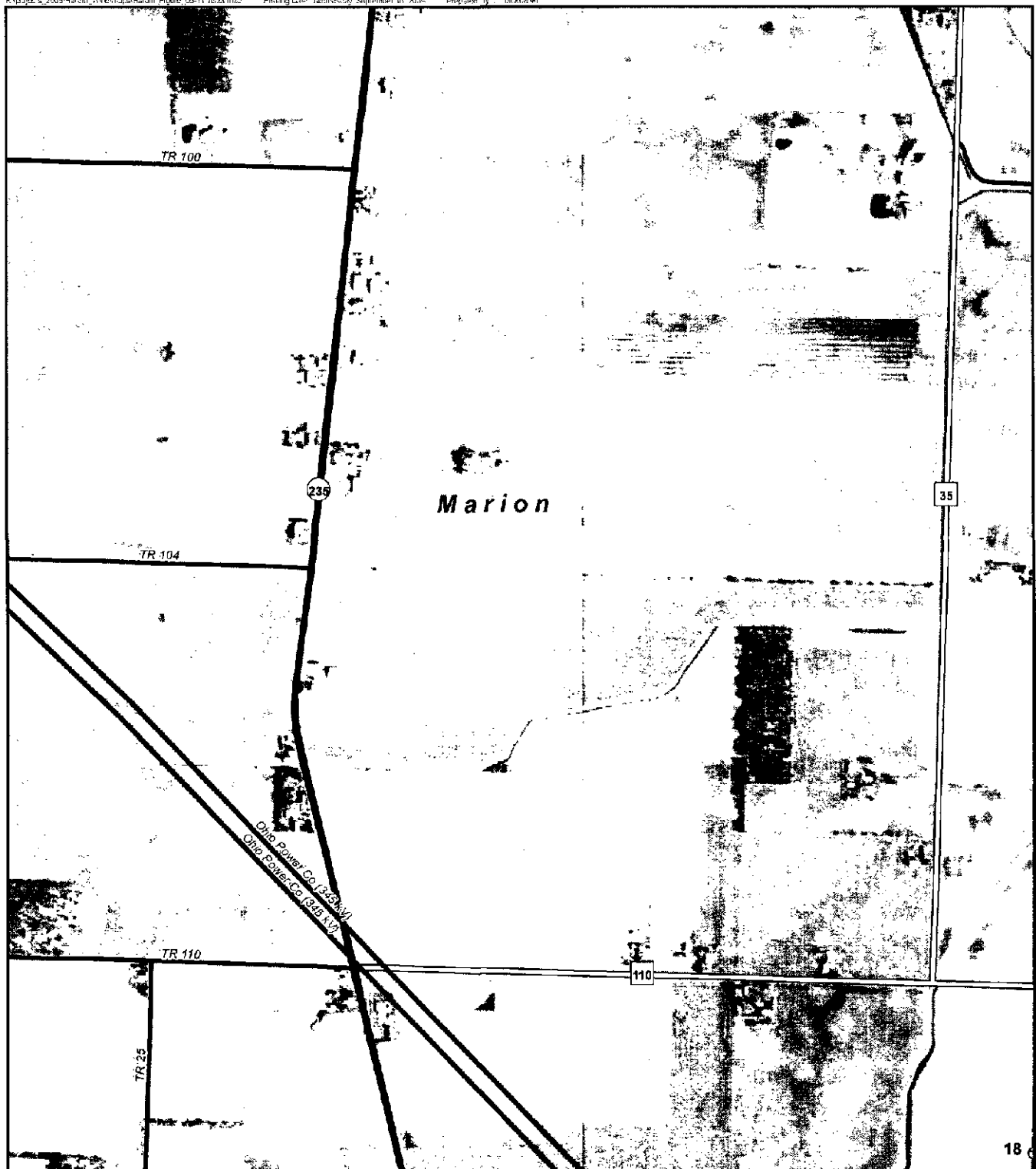
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

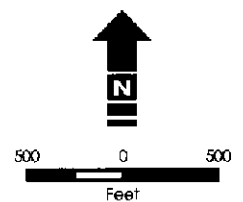




Legend

-  Proposed 1.5 XLE Turbine Location  US Highway
 Proposed Substation  State/County Road
 Existing Transmission Line  Town Road
 Proposed Access Road  Township Boundary
 Proposed Collection Routing To 345 kV Line  Project Study Area

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2006
3. ESRI Data & Maps, 2007



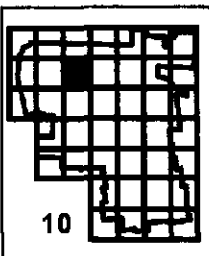
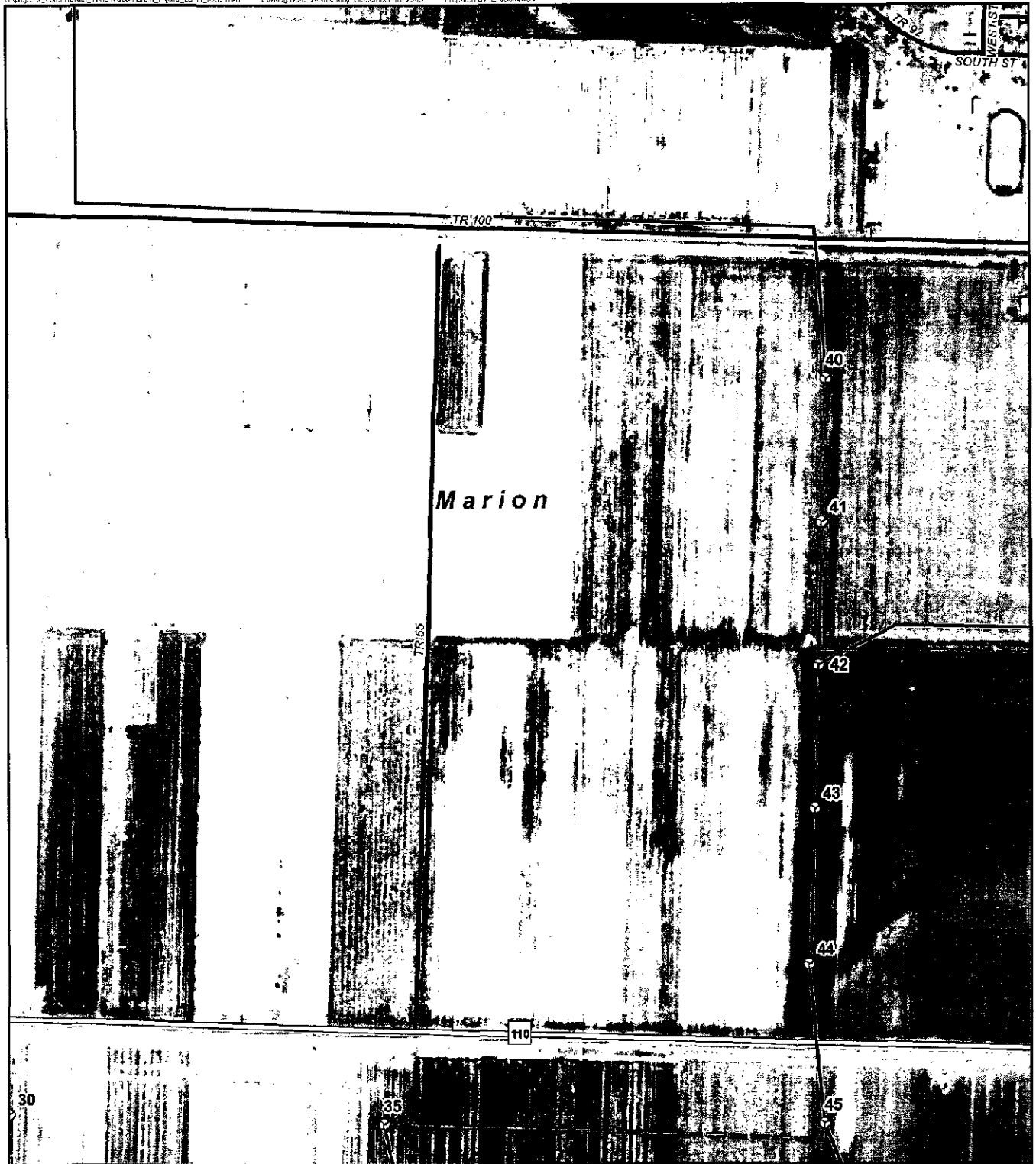
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

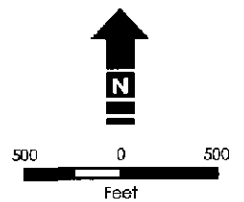




Legend

- ⊗ Proposed 1.5 XLE Turbine Location
- Proposed Substation
- Existing Transmission Line
- Proposed Access Road
- Proposed Collection Routing To 345 kV Line
- US Highway
- State/County Road
- Town Road
- ▭ Township Boundary
- ▭ Project Study Area

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2008
3. ESRI Data & Maps, 2007



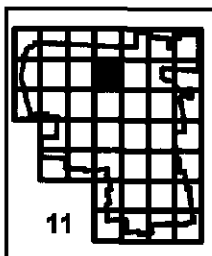
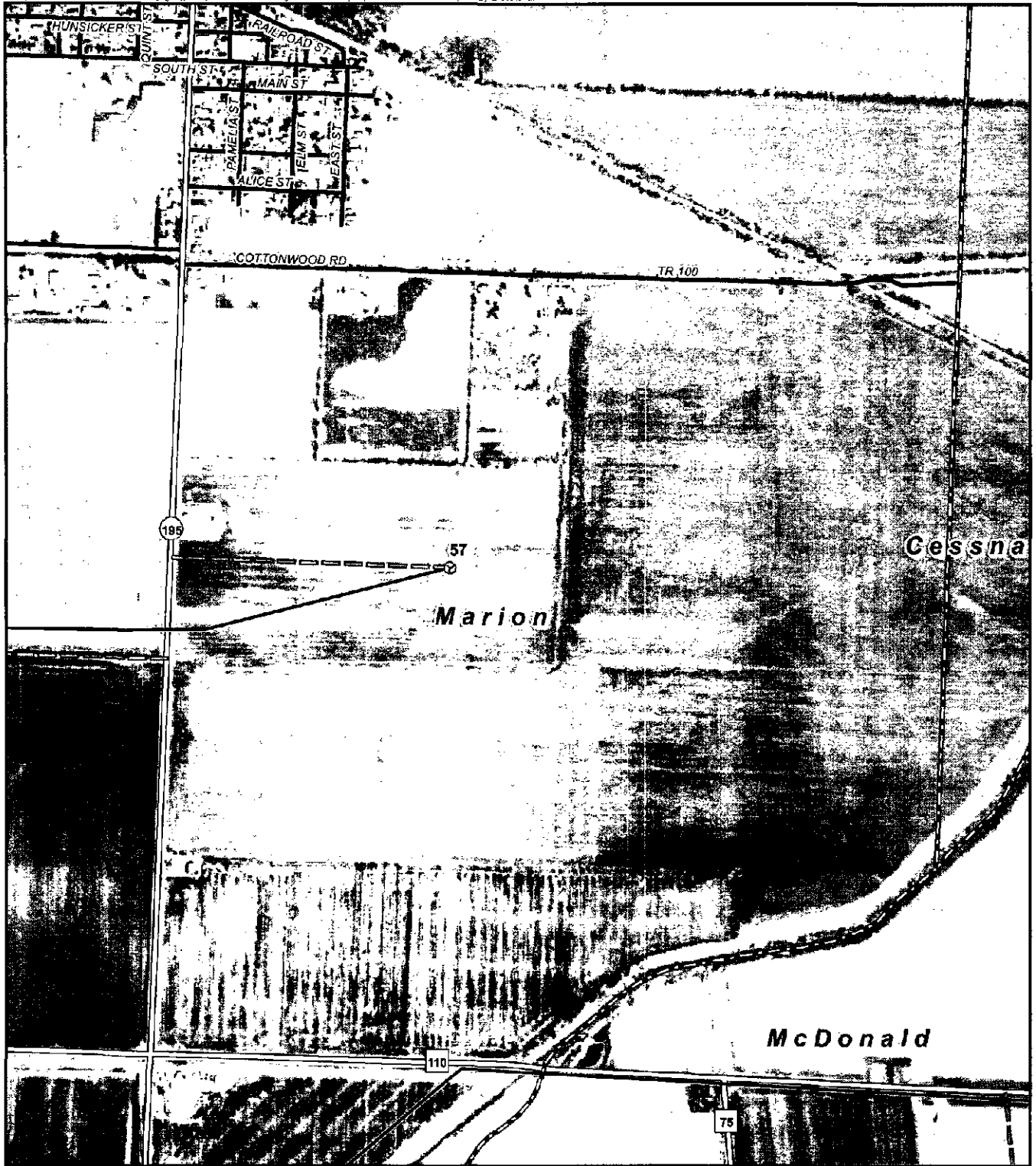
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009



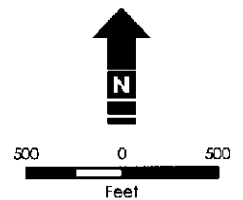


11

Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Substation
- Existing Transmission Line
- Proposed Access Road
- Proposed Collection Routing To 345 KV Line
- US Highway
- State/County Road
- Town Road
- Township Boundary
- Project Study Area

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2006
3. ESRI Data & Maps, 2007



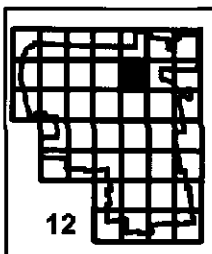
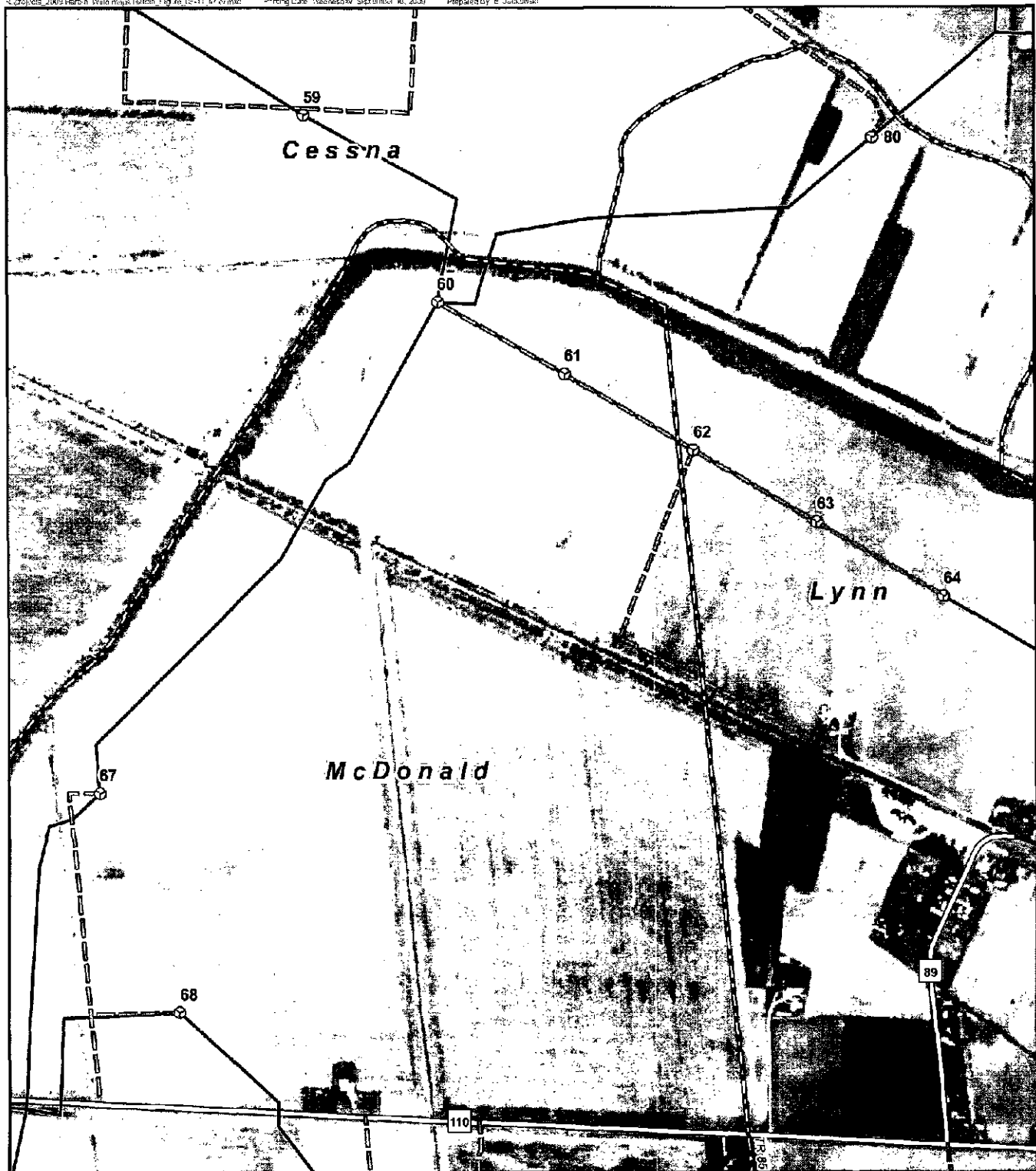
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

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September 16, 2009

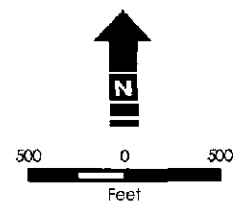




Legend

- | | |
|--|--------------------|
| Proposed 1.5 XLE Turbine Location | US Highway |
| Proposed Substation | State/County Road |
| Existing Transmission Line | Town Road |
| Proposed Access Road | Township Boundary |
| Proposed Collection Routing To 345 kV Line | Project Study Area |

Notes:
 1. Ohio State Imagery Program (OSIP), March/April 2006
 3. ESRI Data & Maps, 2007



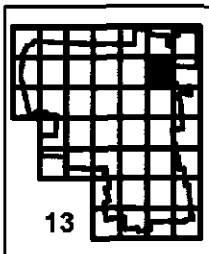
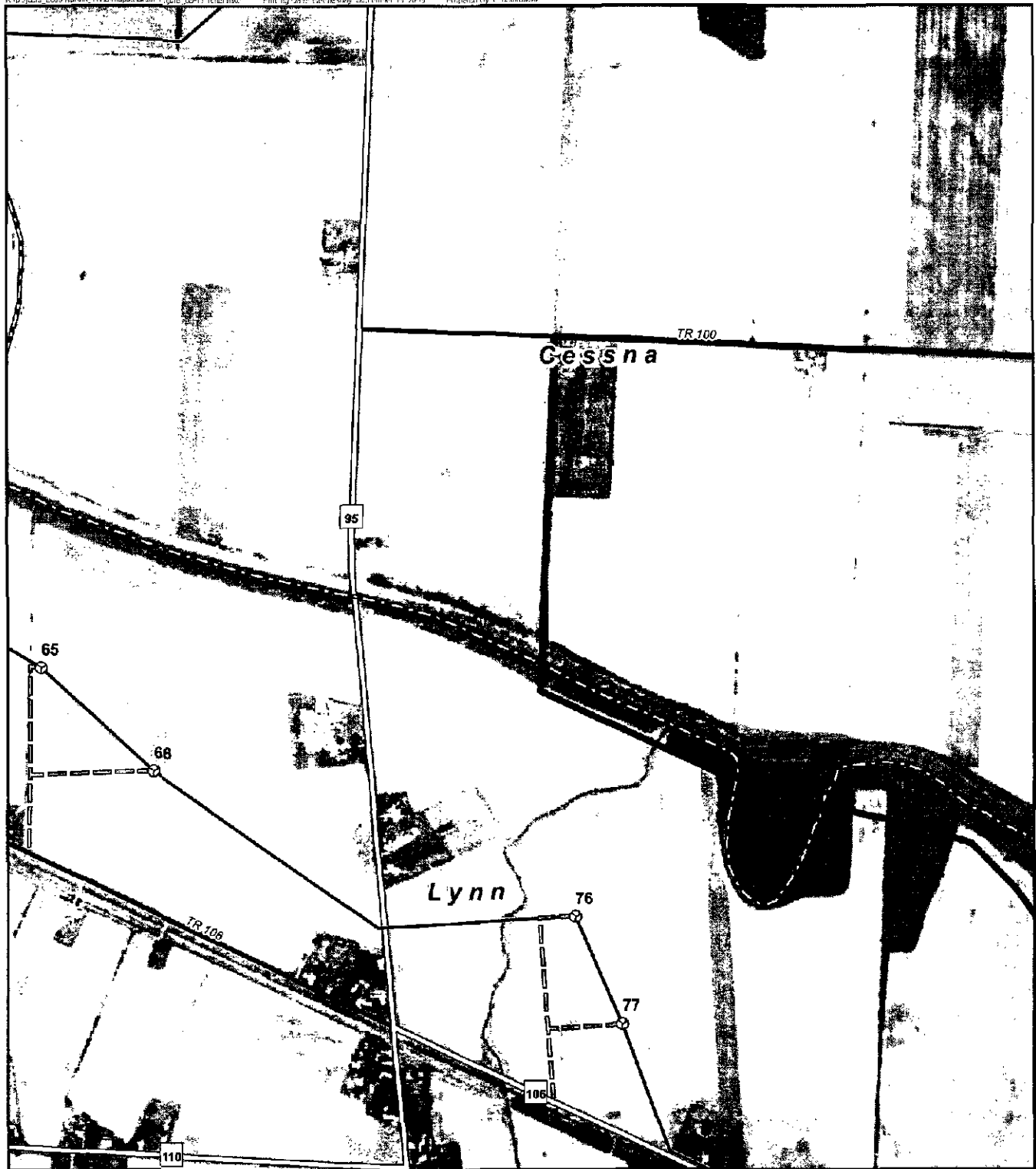
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

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September 16, 2009

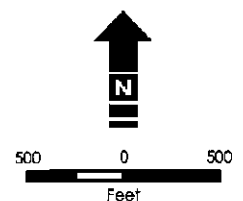




Legend

- | | | | |
|--|--|--|--------------------|
| | Proposed 1.5 XLE Turbine Location | | US Highway |
| | Proposed Substation | | State/County Road |
| | Existing Transmission Line | | Town Road |
| | Proposed Access Road | | Township Boundary |
| | Proposed Collection Routing To 345 kV Line | | Project Study Area |

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2006
3. ESRI Data & Maps, 2007



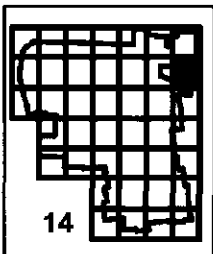
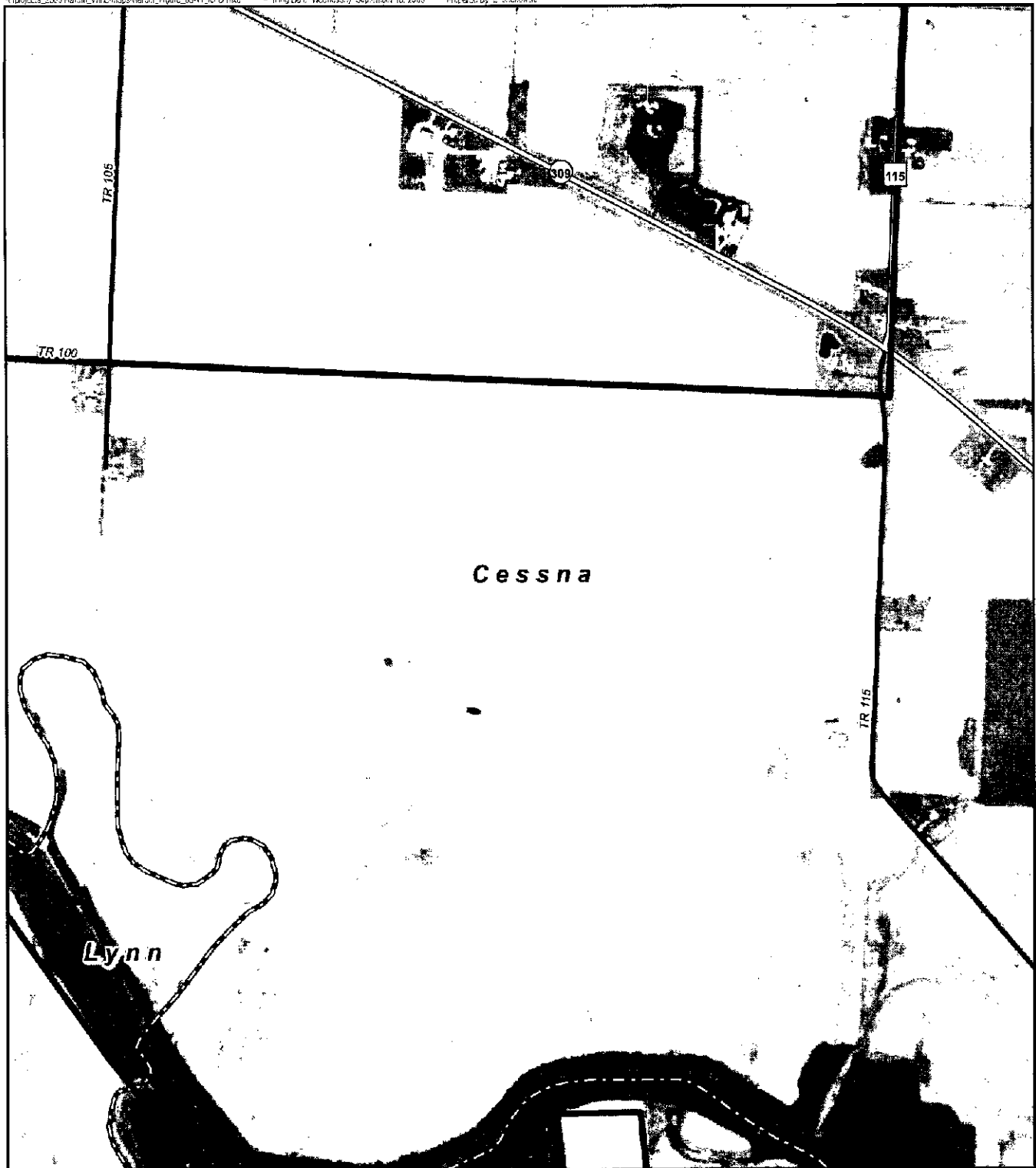
Wind Farm Layout with 1.5 GE XLE Wind Turbine

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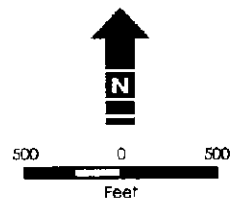




Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Substation
- Existing Transmission Line
- Proposed Access Road
- Proposed Collection Routing To 345 kV Line
- US Highway
- State/County Road
- Town Road
- Township Boundary
- Project Study Area

Notes:
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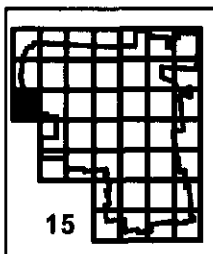
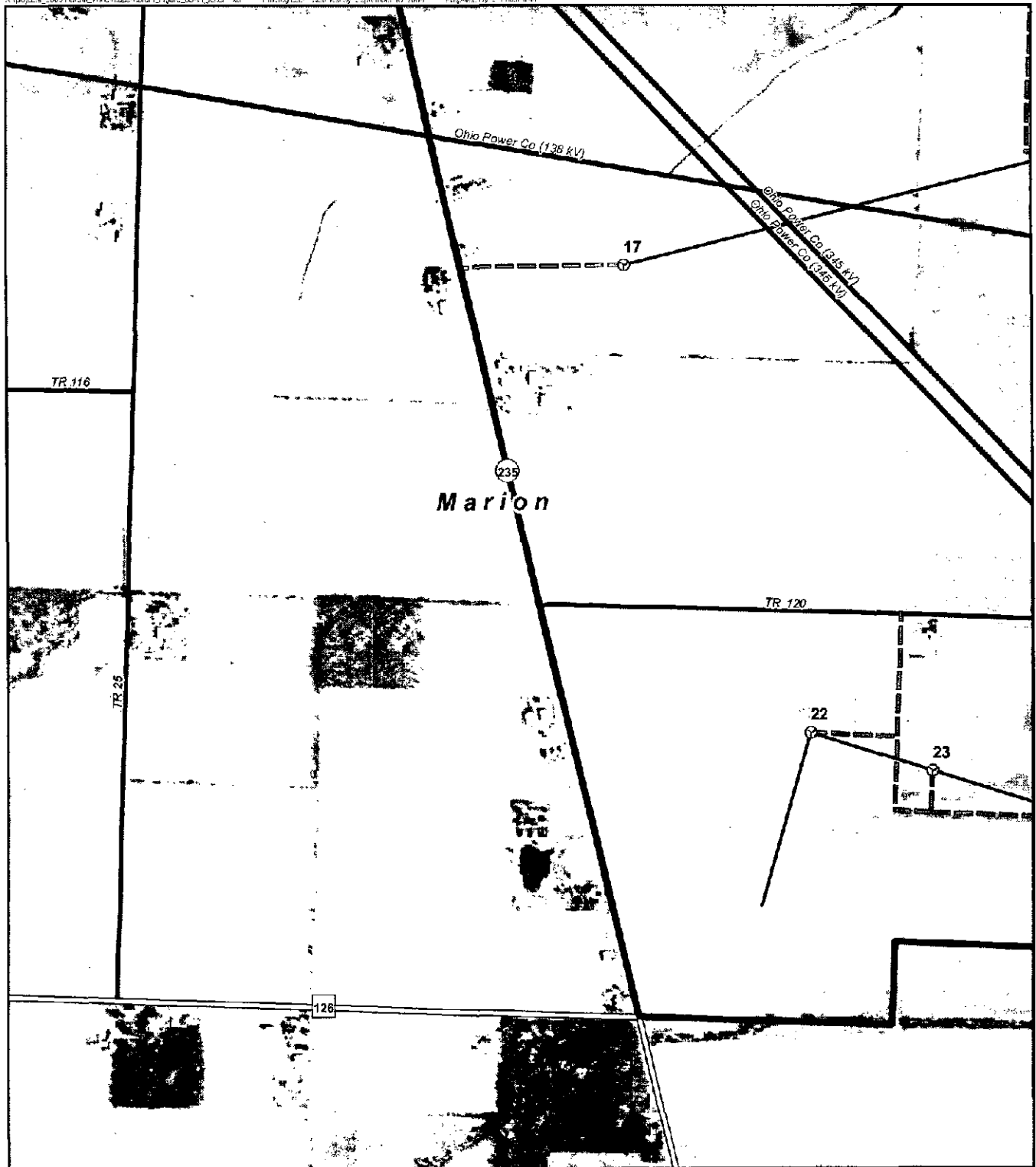
Wind Farm Layout with 1.5 GE XLE Wind Turbine

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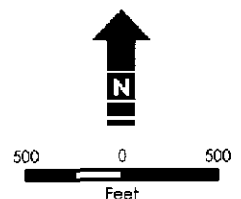




Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Substation
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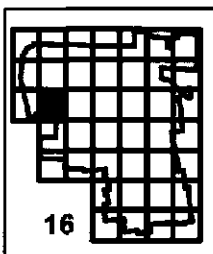
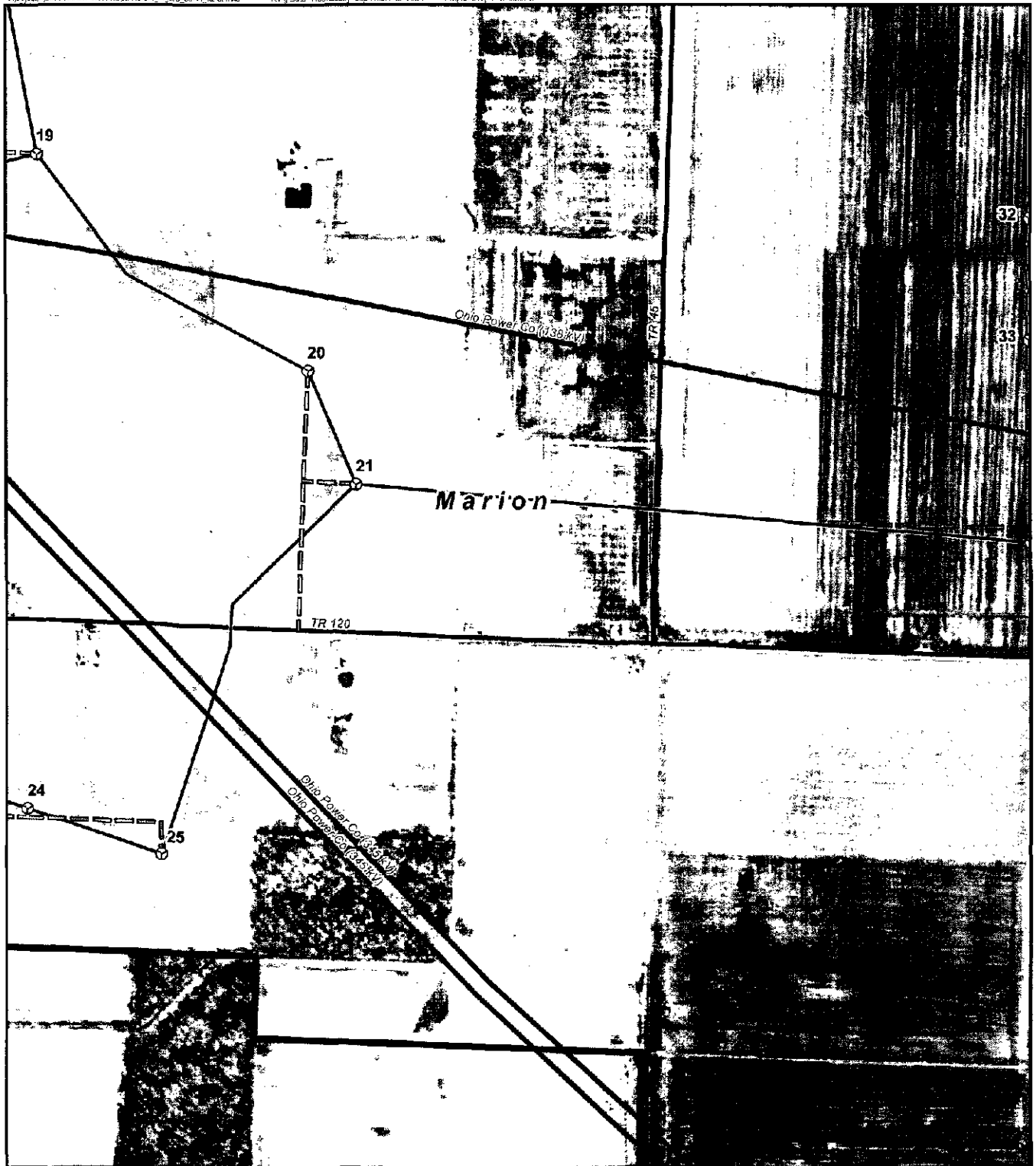
Wind Farm Layout with 1.5 GE XLE Wind Turbine

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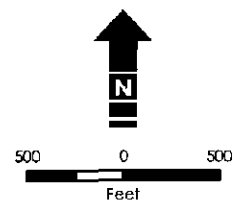




Legend

- ⊗ Proposed 1.5 XLE Turbine Location
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- Existing Transmission Line
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Notes:
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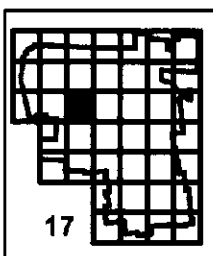
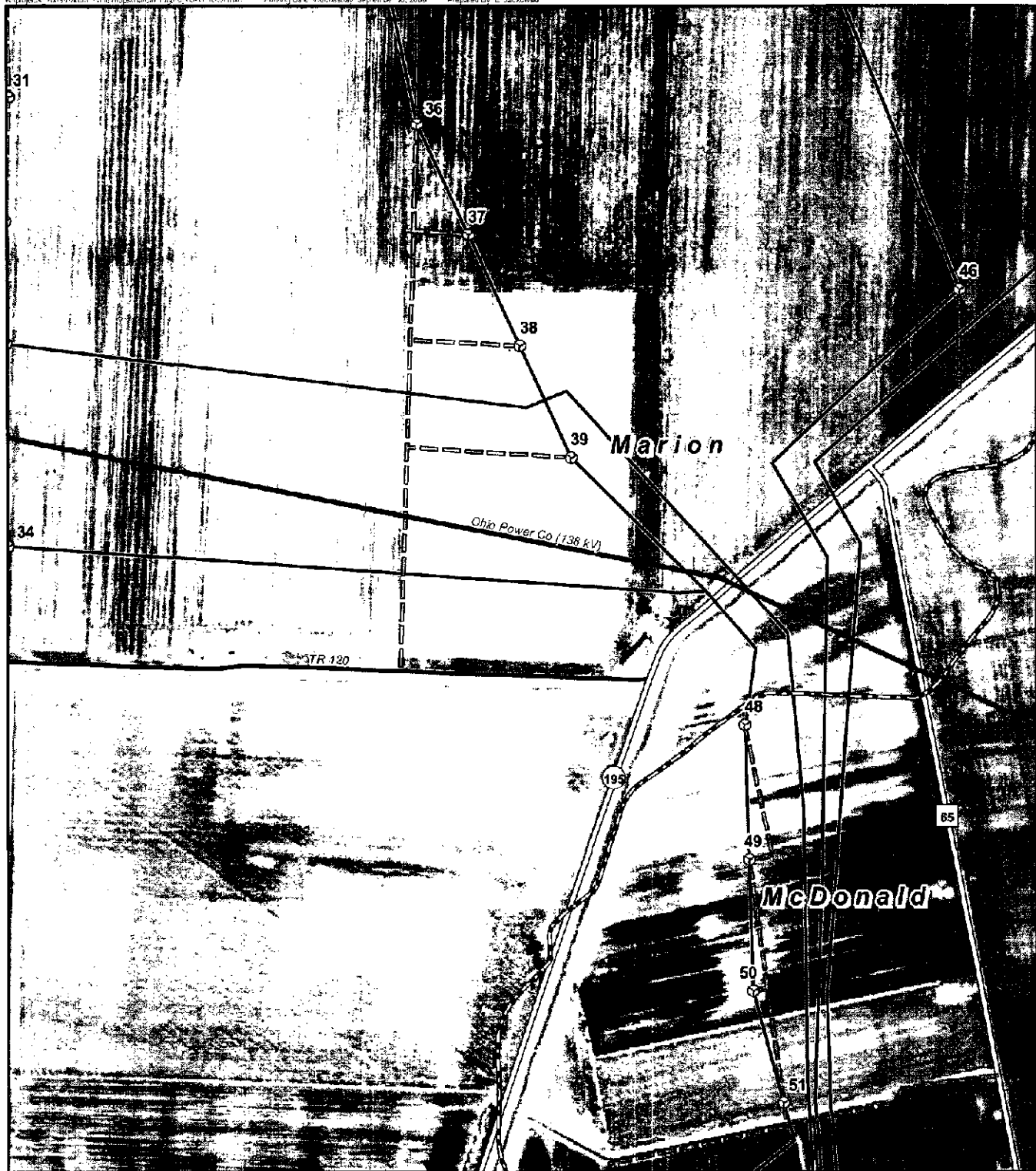
Wind Farm Layout with 1.5 GE XLE Wind Turbine

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Rev. 01

September 16, 2009

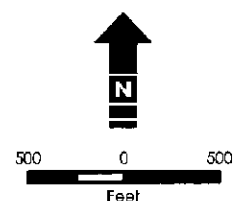




Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Substation
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Notes:
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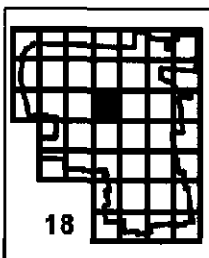
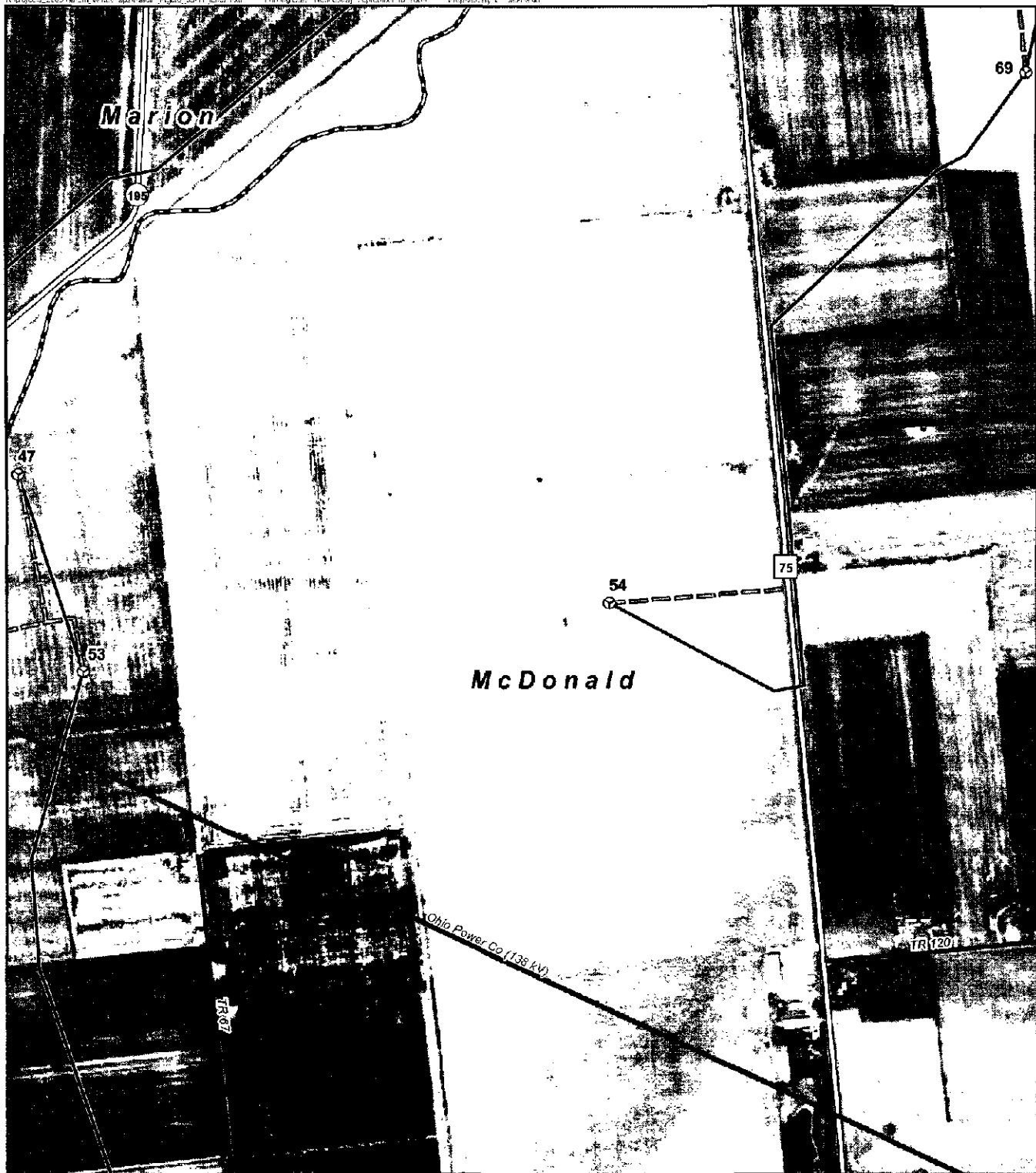
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

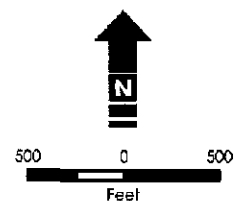




Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Substation
- Existing Transmission Line
- Proposed Access Road
- Proposed Collection Routing To 345 kV Line
- US Highway
- State/County Road
- Town Road
- Township Boundary
- Project Study Area

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2008
3. ESRI Data & Maps, 2007



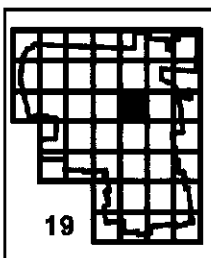
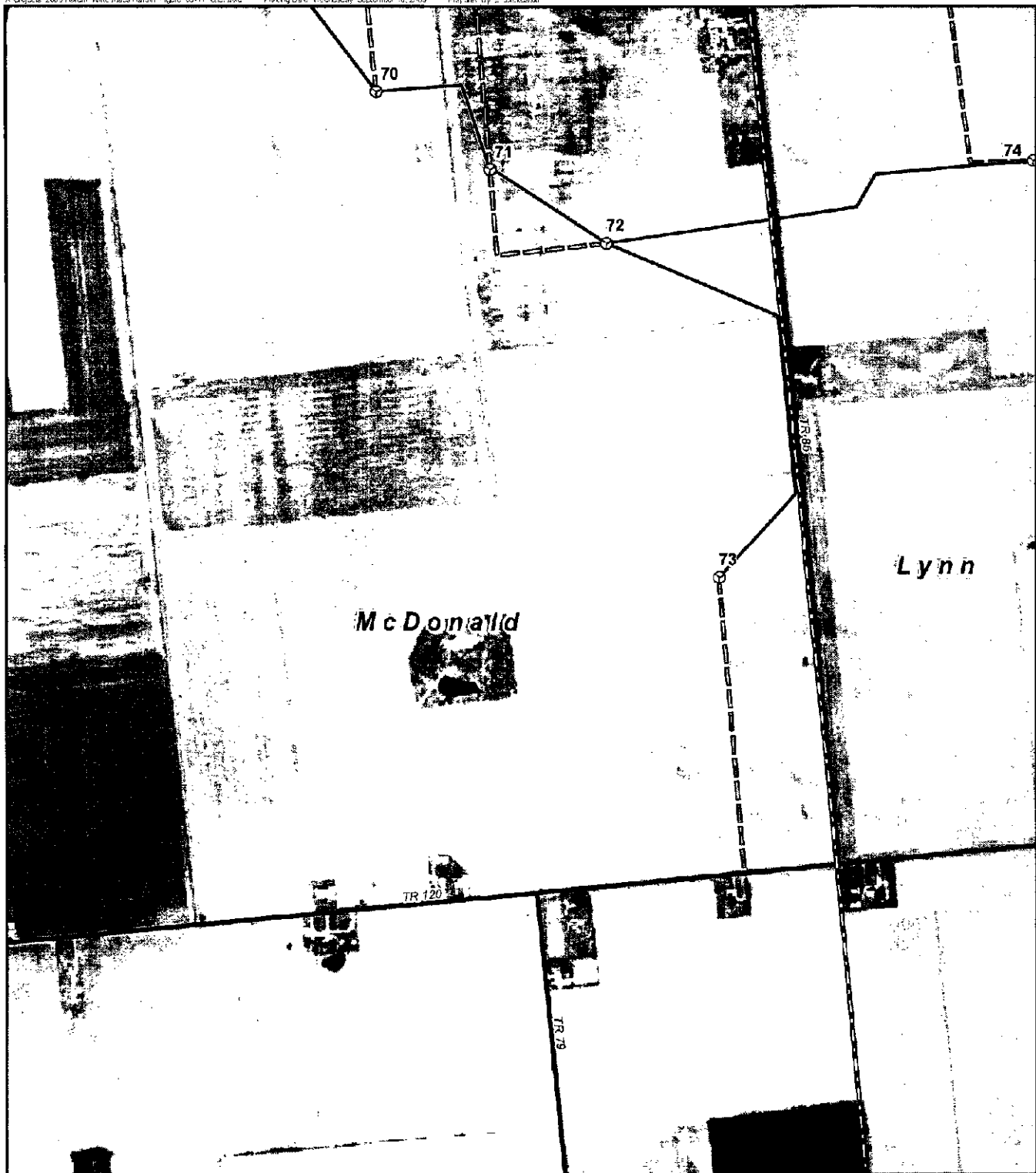
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

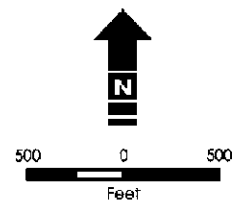




Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Substation
- Existing Transmission Line
- Proposed Access Road
- Proposed Collection Routing To 345 kV Line
- US Highway
- State/County Road
- Town Road
- Township Boundary
- Project Study Area

Notes:
 1. Ohio State Imagery Program (OSIP), March/April 2006
 2. ESRI Data & Maps, 2007



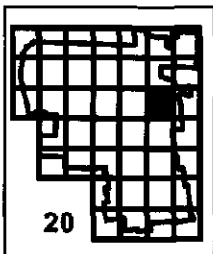
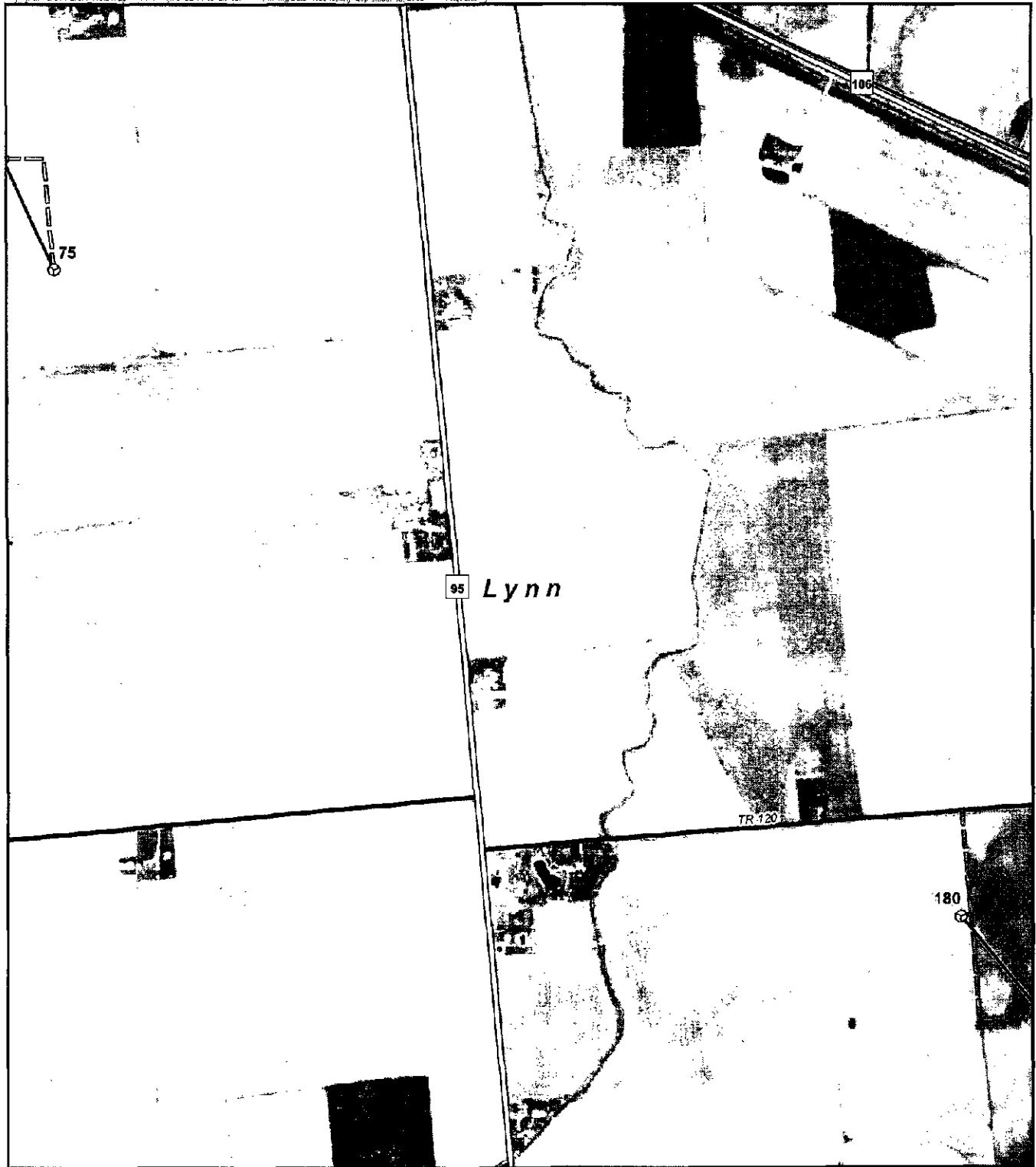
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

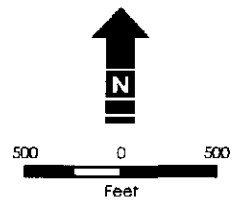




Legend

- ⊗ Proposed 1.5 XLE Turbine Location
- ⊠ Proposed Substation
- Existing Transmission Line
- Proposed Access Road
- Proposed Collection Routing To 345 kV Line
- US Highway
- State/County Road
- Town Road
- Township Boundary
- ⬜ Project Study Area

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2006
3. ESRI Data & Maps, 2007



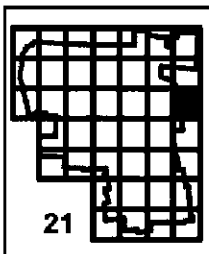
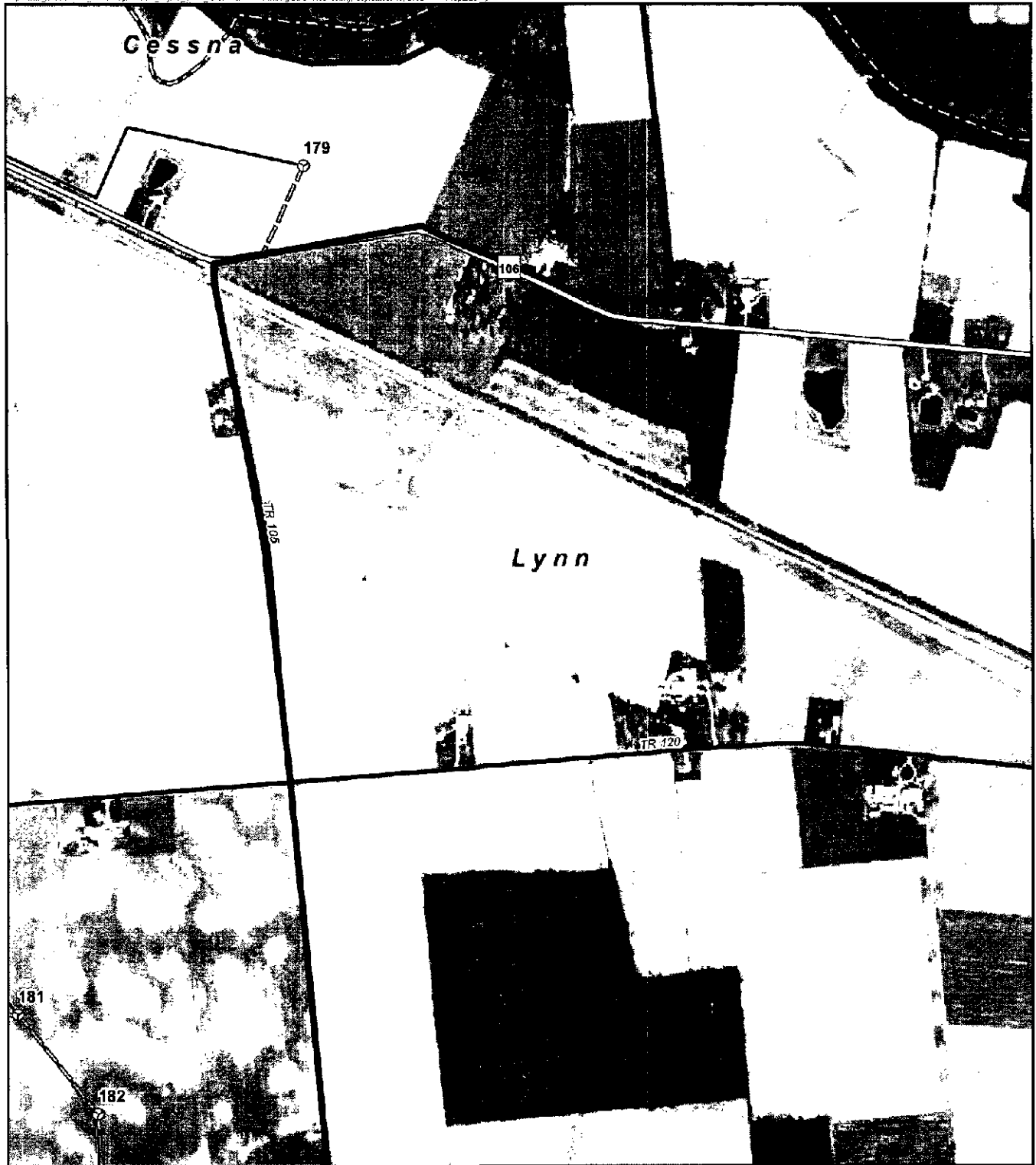
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

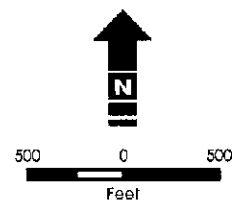




Legend

- ⊗ Proposed 1.5 XLE Turbine Location
- Proposed Substation
- Existing Transmission Line
- Proposed Access Road
- Proposed Collection Routing To 345 kV Line
- US Highway
- State/County Road
- Town Road
- ▭ Township Boundary
- ▭ Project Study Area

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2008
3. ESRI Data & Maps, 2007



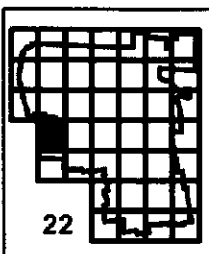
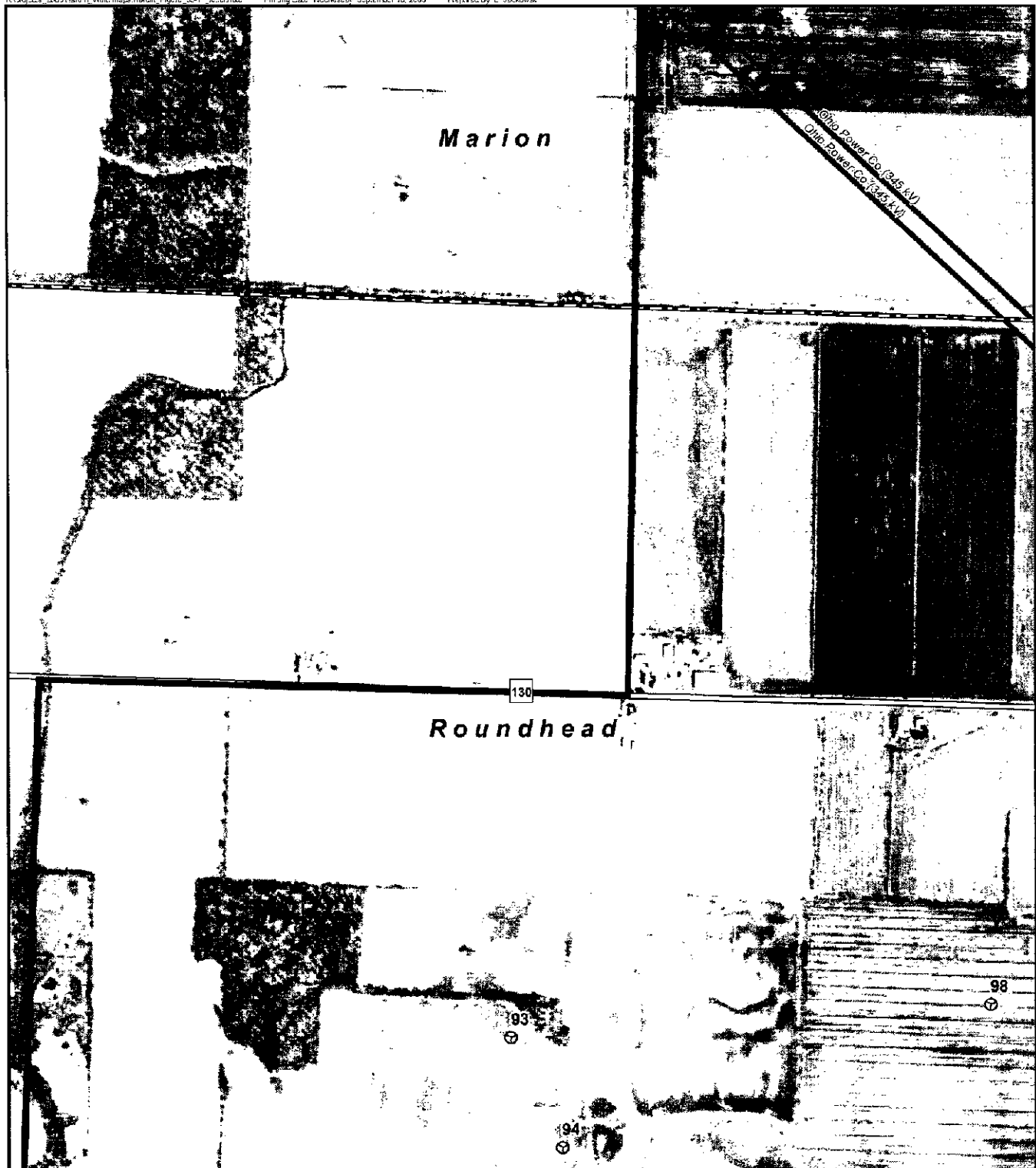
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

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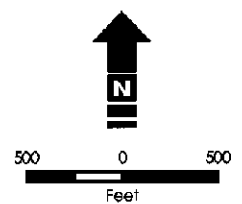




Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Substation
- Existing Transmission Line
- Proposed Access Road
- Proposed Collection Routing To 345 KV Line
- US Highway
- State/County Road
- Town Road
- Township Boundary
- Project Study Area

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2006
3. ESRI Data & Maps, 2007



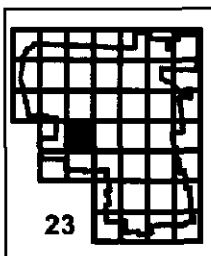
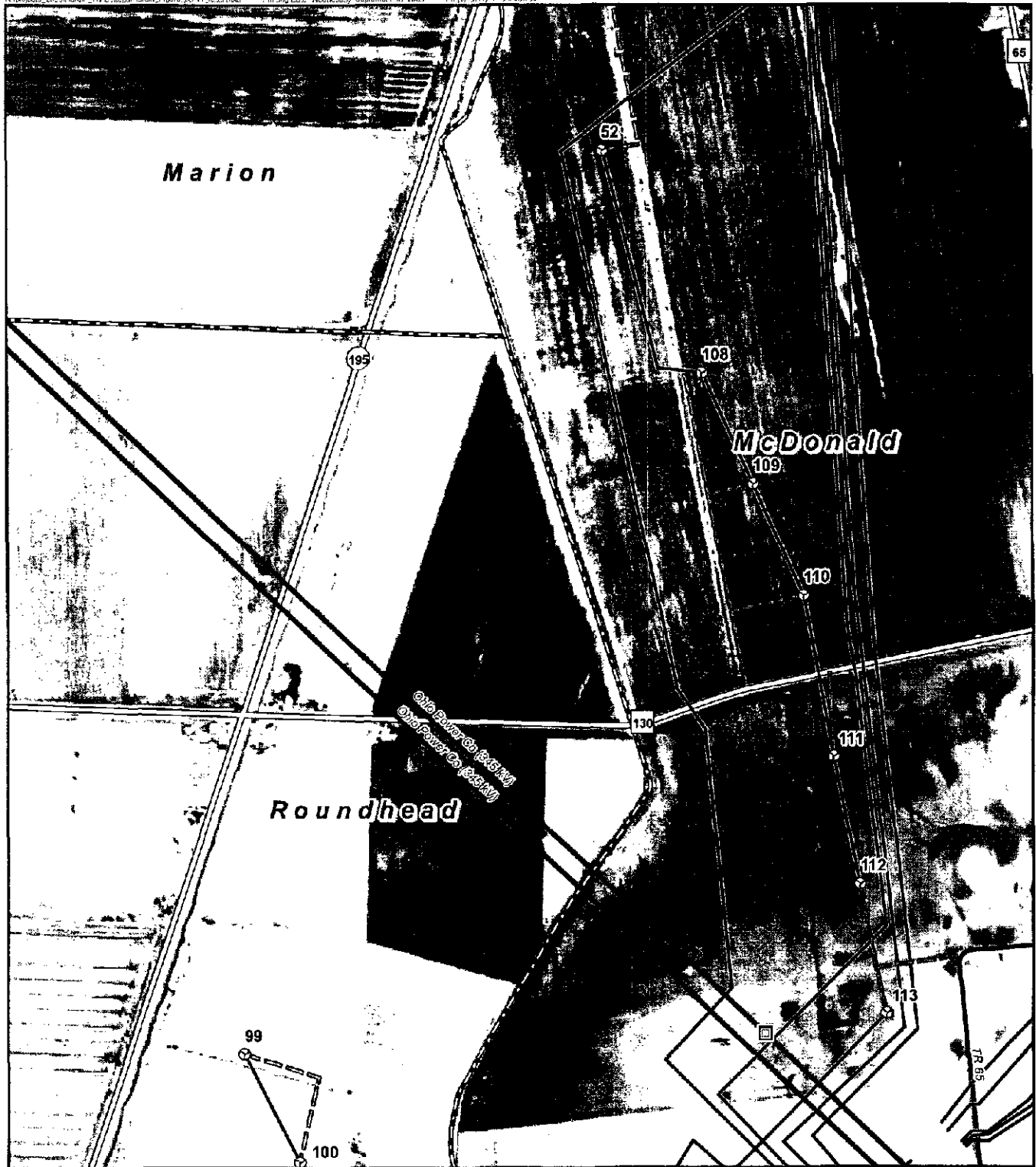
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

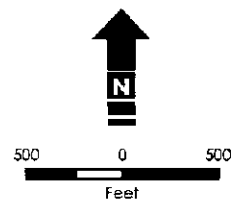




Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Substation
- Existing Transmission Line
- Proposed Access Road
- Proposed Collection Routing To 345 kV Line
- US Highway
- State/County Road
- Town Road
- Township Boundary
- Project Study Area

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2006
2. ESRI Data & Maps, 2007



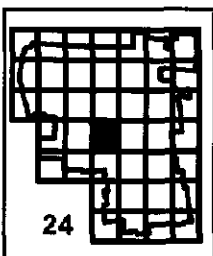
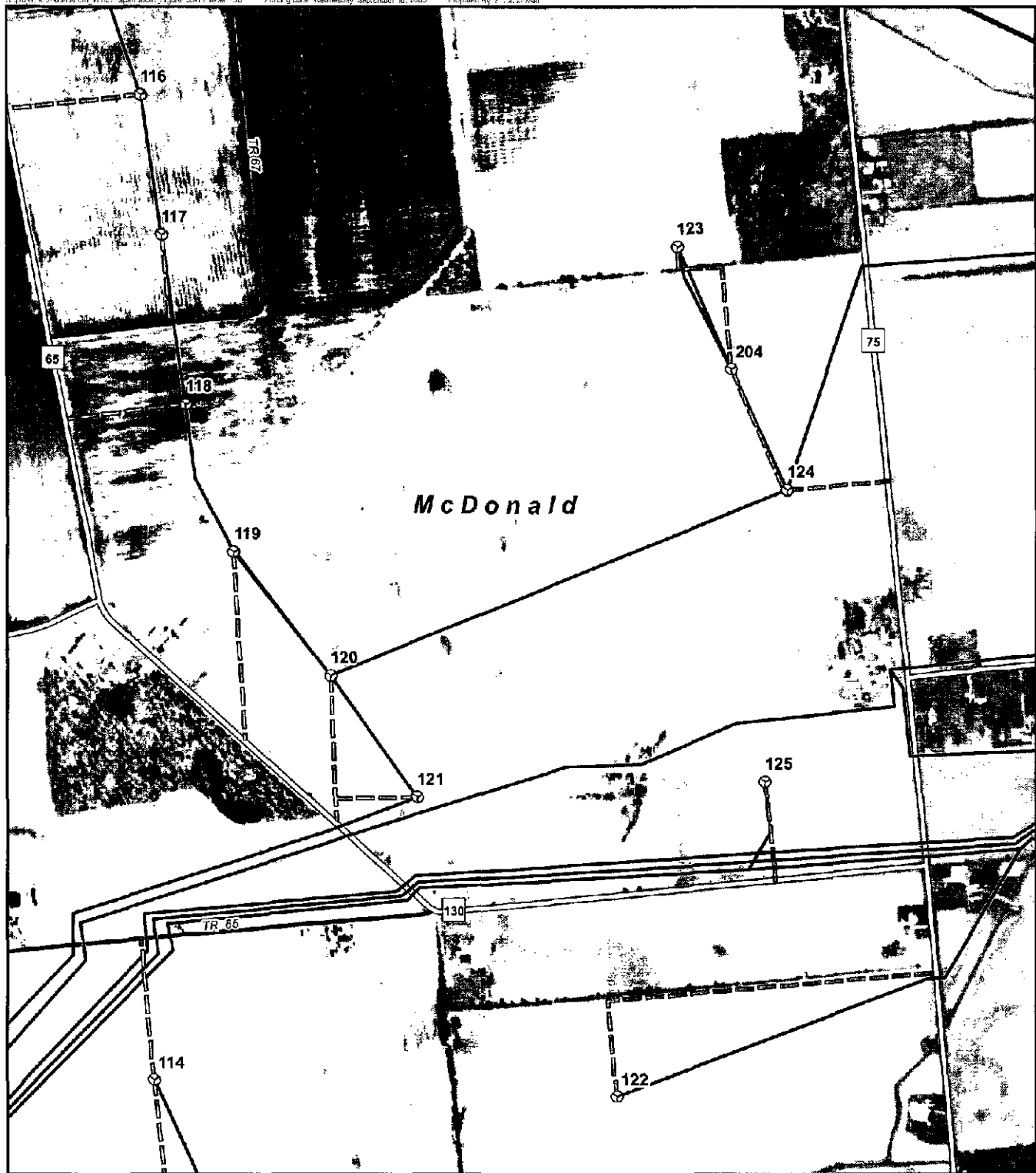
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

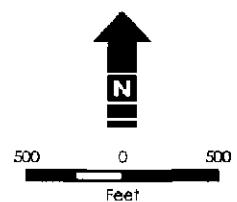




Legend

- ⊙ Proposed 1.5 XLE Turbine Location
- Proposed Substation
- Existing Transmission Line
- Proposed Access Road
- Proposed Collection Routing To 345 kV Line
- US Highway
- State/County Road
- Town Road
- Township Boundary
- ▭ Project Study Area

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2006
3. ESRI Data & Maps, 2007



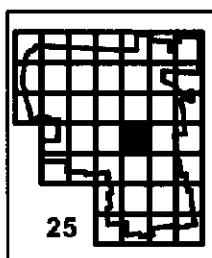
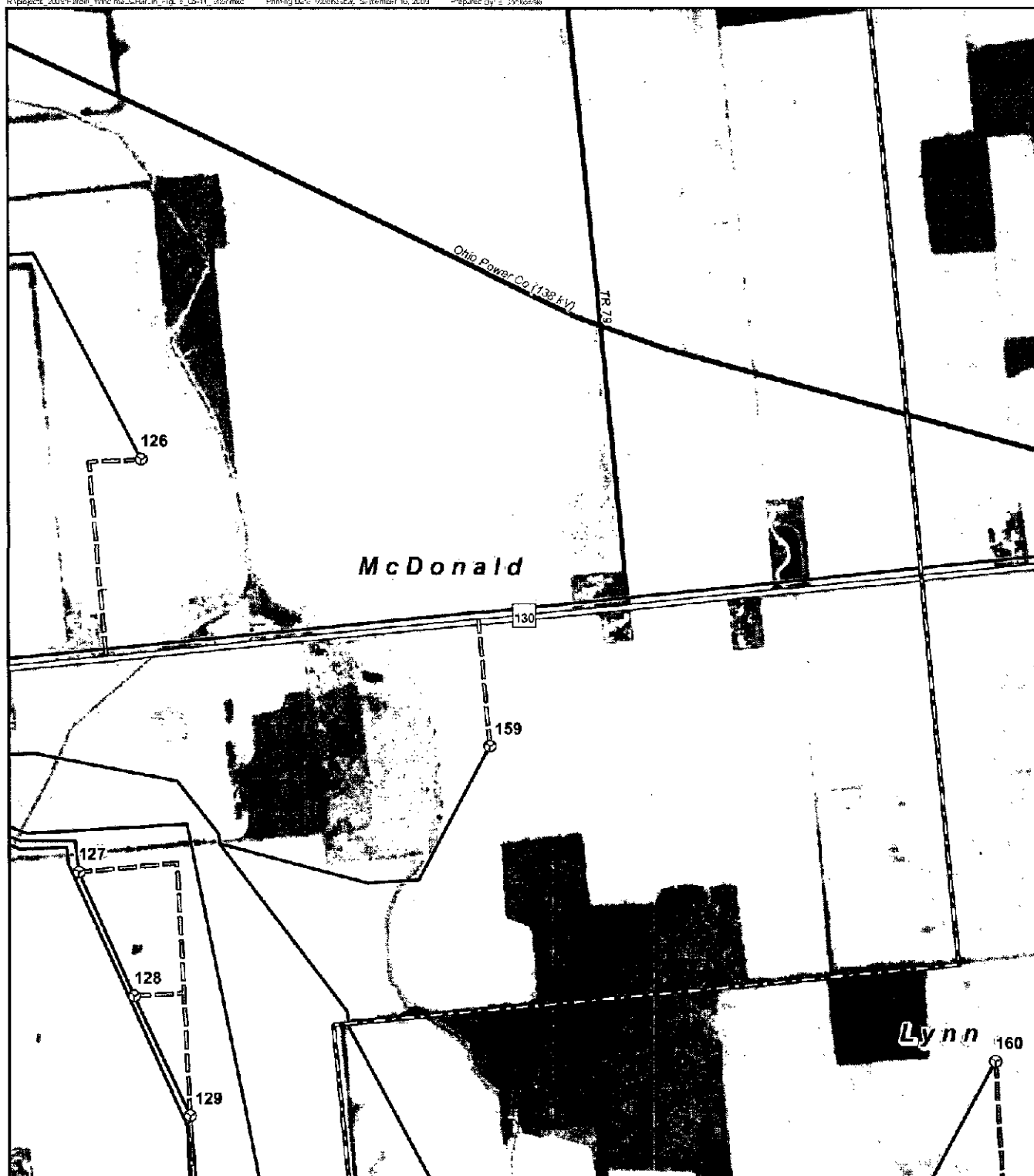
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

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Legend

-  Proposed 1.5 XLE Turbine Location  US Highway
 Proposed Substation  State/County Road
 Existing Transmission Line  Town Road
 Proposed Access Road  Township Boundary
 Proposed Collection Routing To 345 kV Line  Project Study Area

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2006
3. ESRI Data & Maps, 2007

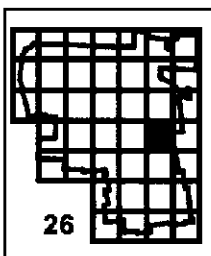
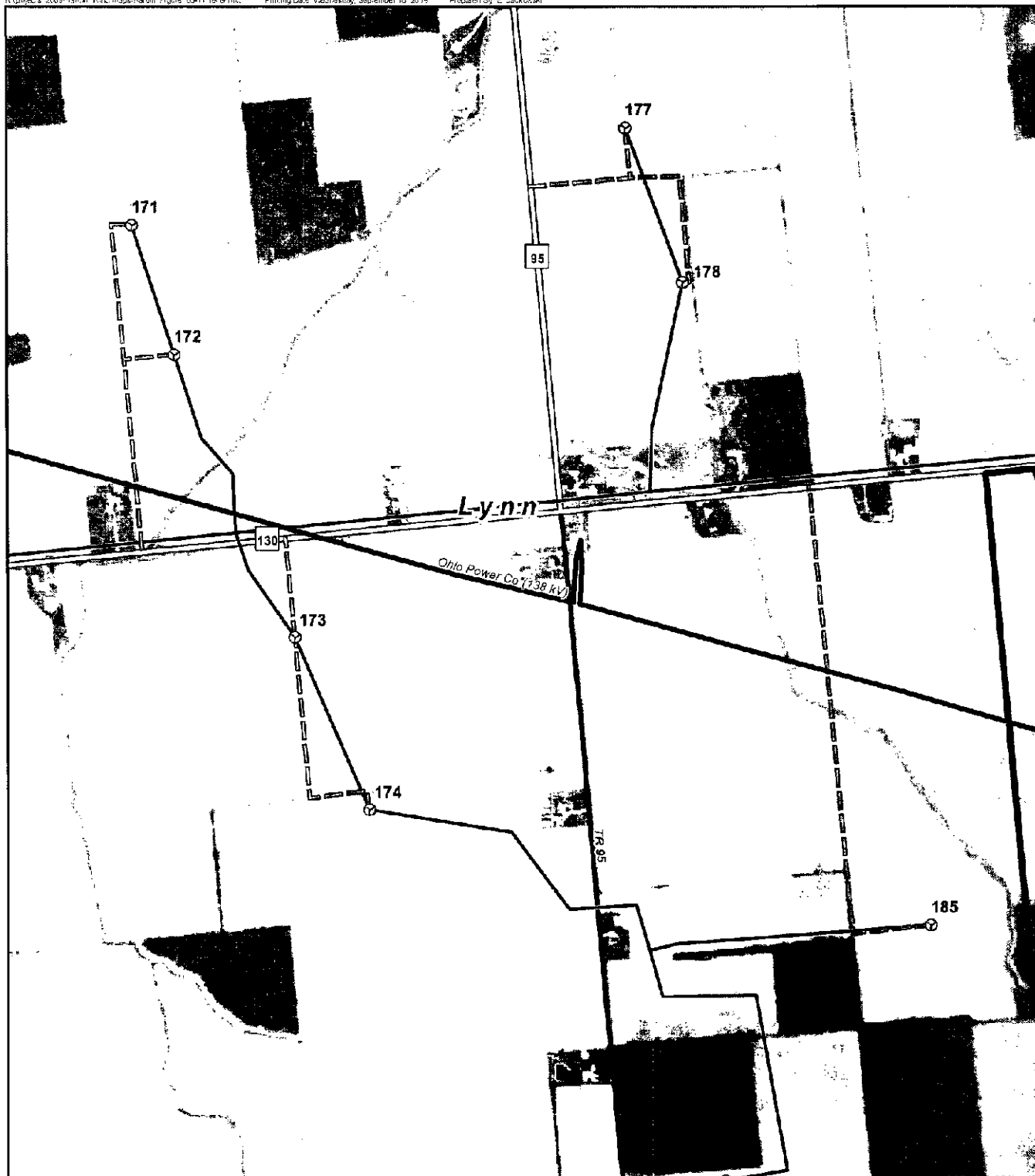
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

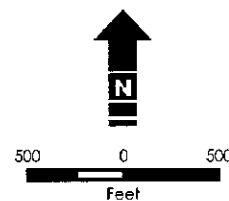




Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Substation
- Existing Transmission Line
- Proposed Access Road
- Proposed Collection Routing To 345 KV Line
- US Highway
- State/County Road
- Town Road
- Township Boundary
- Project Study Area

Notes:
 1. Ohio State Imagery Program (OSIP), March/April 2006
 2. ESRI Data & Maps, 2007



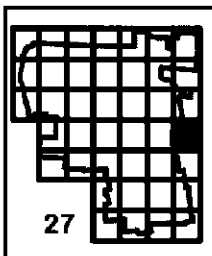
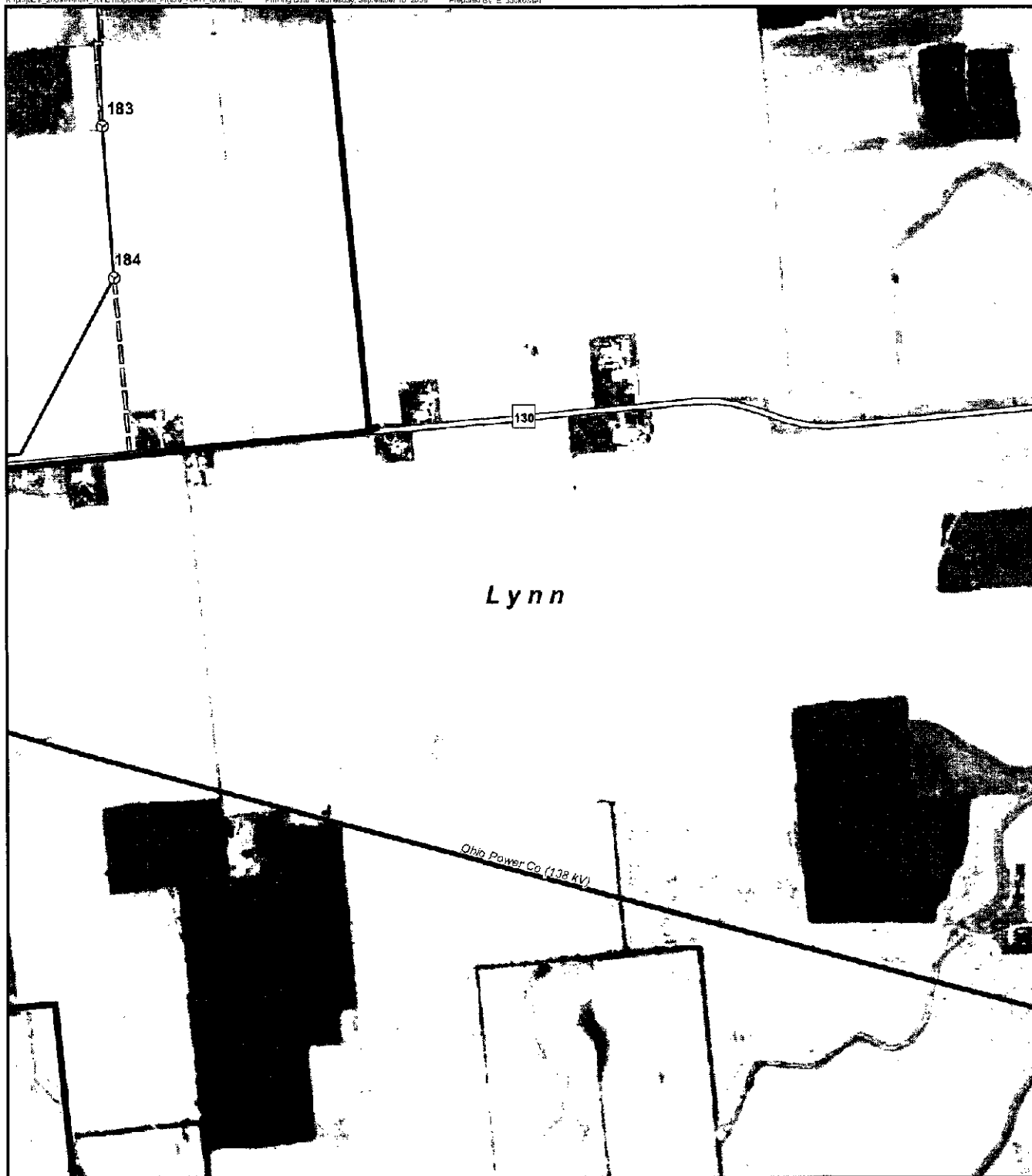
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

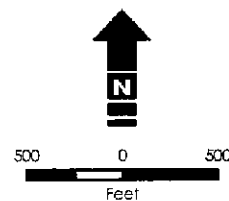




Legend

- | | |
|--|--------------------|
| Proposed 1.5 XLE Turbine Location | US Highway |
| Proposed Substation | State/County Road |
| Existing Transmission Line | Town Road |
| Proposed Access Road | Township Boundary |
| Proposed Collection Routing To 345 kV Line | Project Study Area |

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2008
3. ESRI Data & Maps, 2007



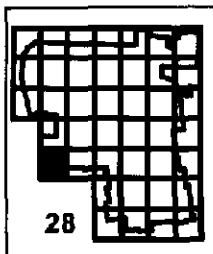
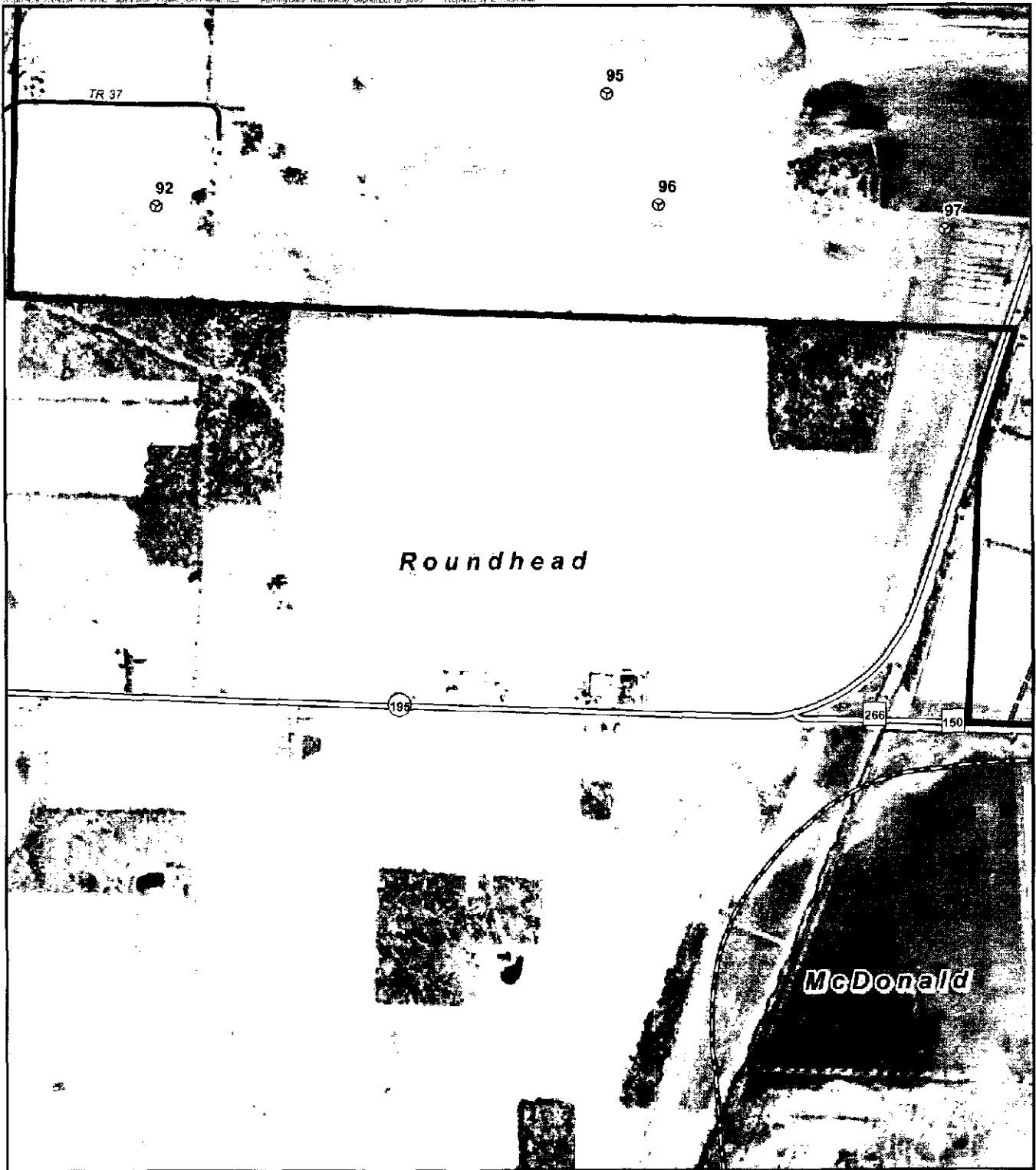
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

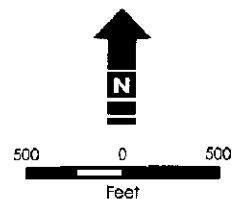




Legend

- | | |
|--|--------------------|
| Proposed 1.5 XLE Turbine Location | US Highway |
| Proposed Substation | State/County Road |
| Existing Transmission Line | Town Road |
| Proposed Access Road | Township Boundary |
| Proposed Collection Routing To 345 kV Line | Project Study Area |

Notes:
 1. Ohio State Imagery Program (OSIP), March/April 2006
 2. ESRI Data & Maps, 2007



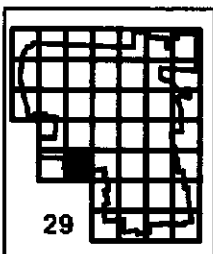
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

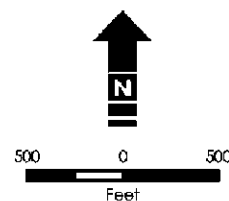




Legend

- | | | | |
|--|--|--|--------------------|
| | Proposed 1.5 XLE Turbine Location | | US Highway |
| | Proposed Substation | | State/County Road |
| | Existing Transmission Line | | Town Road |
| | Proposed Access Road | | Township Boundary |
| | Proposed Collection Routing To 345 kV Line | | Project Study Area |

Notes:
 1. Ohio State Imagery Program (OSIP), March/April 2006
 3. ESRI Data & Maps, 2007



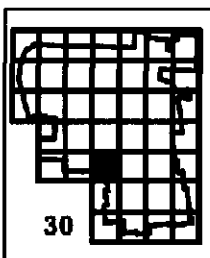
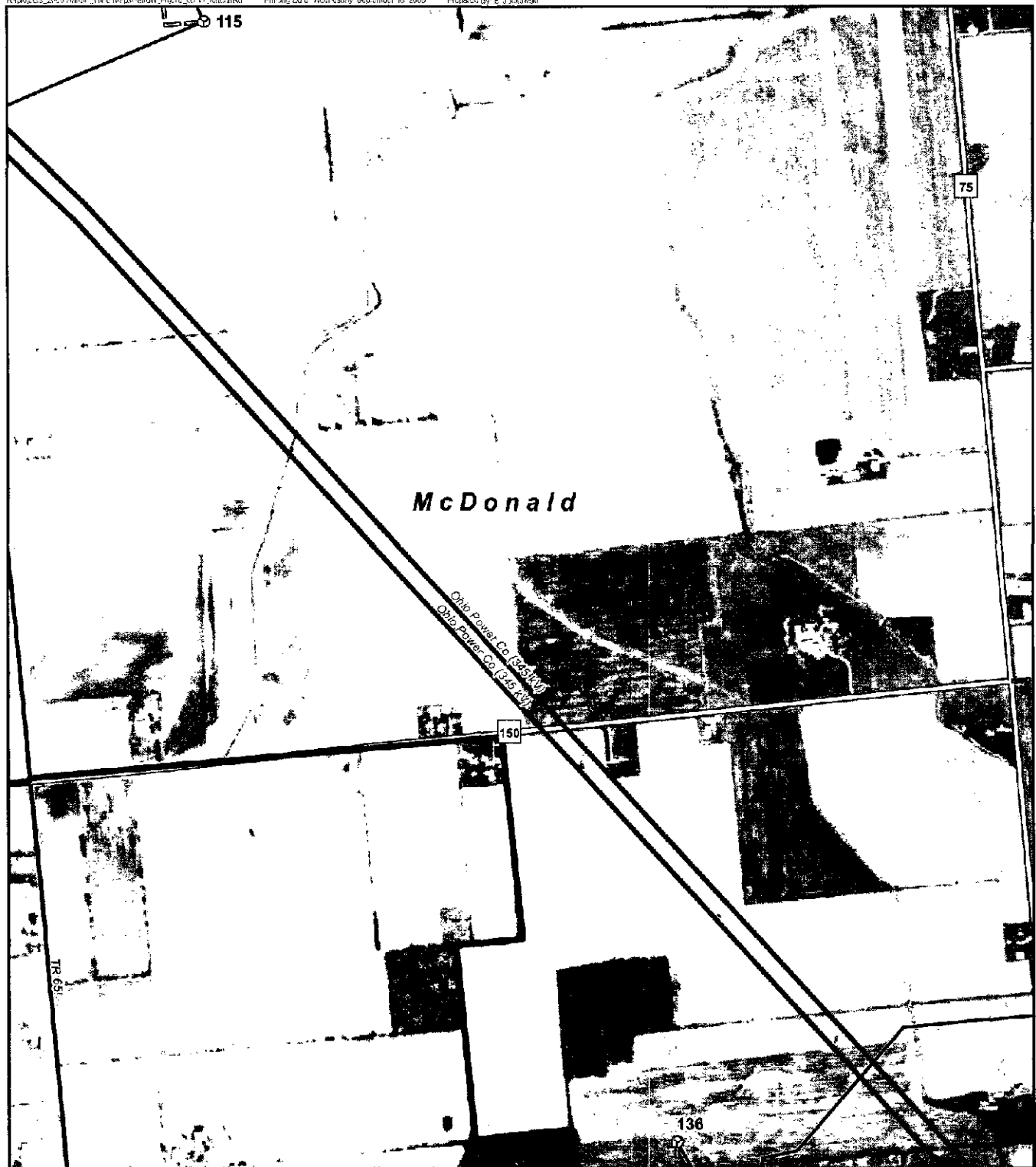
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

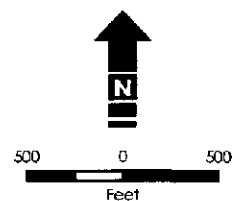




Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Substation
- Existing Transmission Line
- Proposed Access Road
- Proposed Collection Routing To 345 kV Line
- US Highway
- State/County Road
- Town Road
- Township Boundary
- Project Study Area

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2008
3. ESRI Data & Maps, 2007



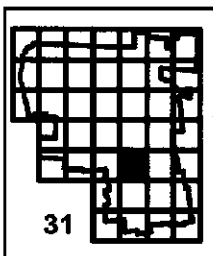
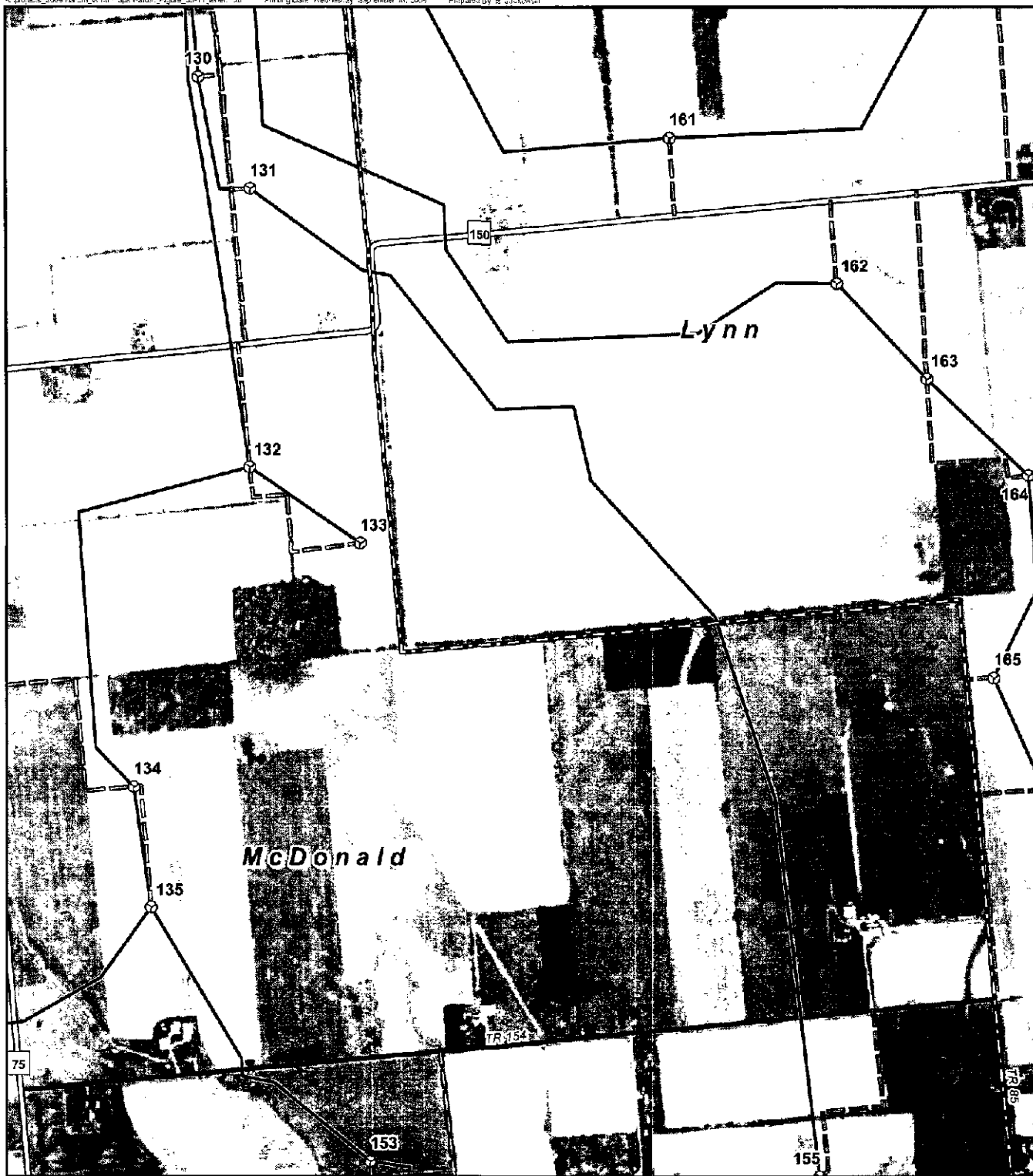
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

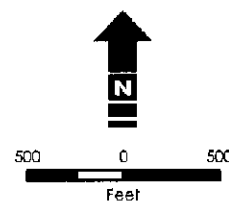




Legend

- ⊙ Proposed 1.5 XLE Turbine Location
- ⊠ Proposed Substation
- Existing Transmission Line
- Proposed Access Road
- Proposed Collection Routing To 345 kV Line
- US Highway
- State/County Road
- Town Road
- ▭ Township Boundary
- ▭ Project Study Area

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2006
3. ESRI Data & Maps, 2007



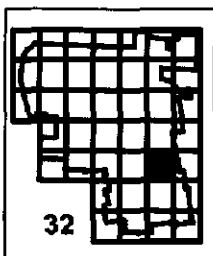
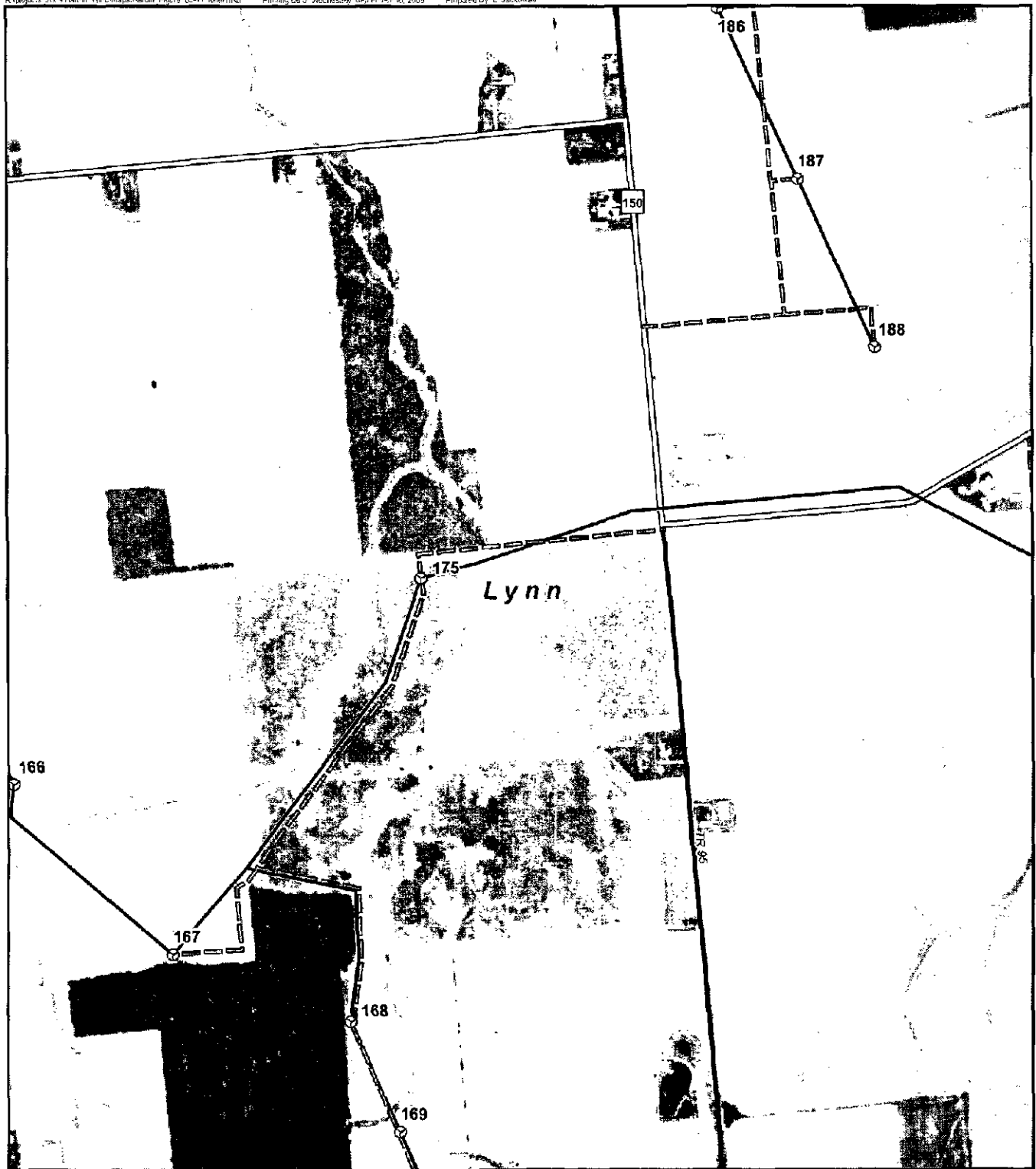
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

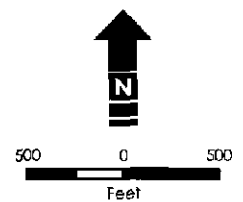




Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Substation
- Existing Transmission Line
- Proposed Access Road
- Proposed Collection Routing To 345 KV Line
- US Highway
- State/County Road
- Town Road
- Township Boundary
- Project Study Area

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2006
3. ESRI Data & Maps, 2007



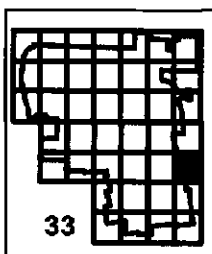
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

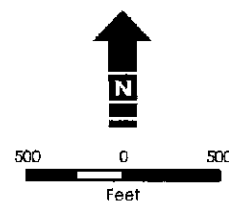




Legend

-  Proposed 1.5 XLE Turbine Location
  US Highway
-  Proposed Substation
  State/County Road
-  Existing Transmission Line
  Town Road
-  Proposed Access Road
  Township Boundary
-  Proposed Collection Routing To 345 kV Line
  Project Study Area

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2006
3. ESRI Data & Maps, 2007



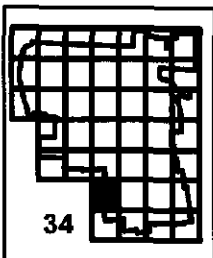
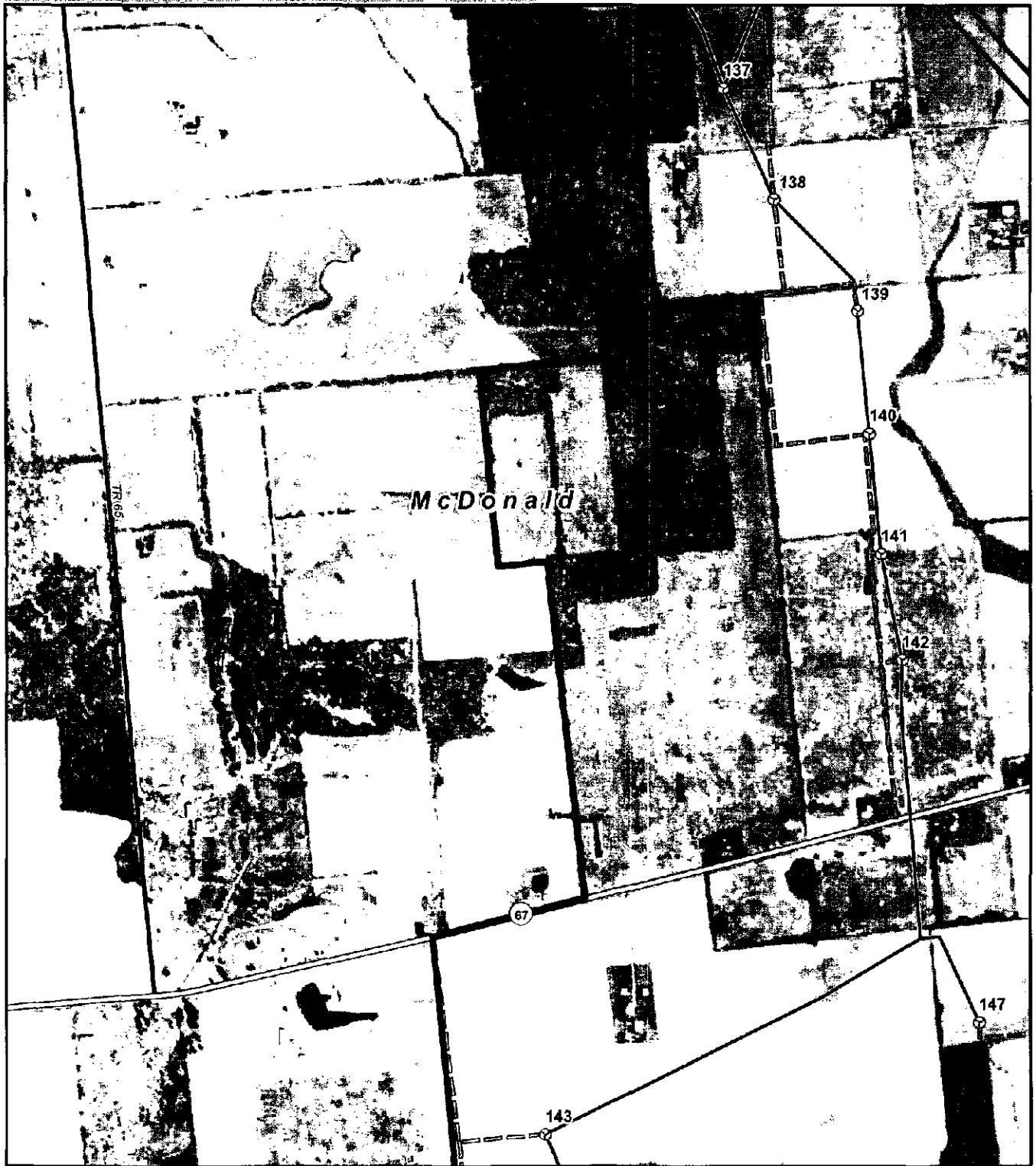
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. Q1

September 16, 2009

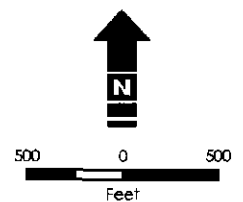




Legend

- | | | | |
|--|--|--|--------------------|
| | Proposed 1.5 XLE Turbine Location | | US Highway |
| | Proposed Substation | | State/County Road |
| | Existing Transmission Line | | Town Road |
| | Proposed Access Road | | Township Boundary |
| | Proposed Collection Routing To 345 KV Line | | Project Study Area |

Notes:
 1. Ohio State Imagery Program (OSIP), March/April 2006
 3. ESRI Data & Maps, 2007



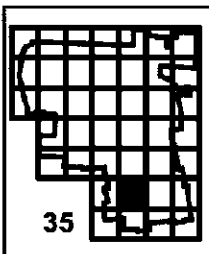
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

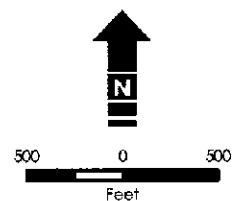




Legend

- | | | | |
|--|--|--|--------------------|
| | Proposed 1.5 XLE Turbine Location | | US Highway |
| | Proposed Substation | | State/County Road |
| | Existing Transmission Line | | Town Road |
| | Proposed Access Road | | Township Boundary |
| | Proposed Collection Routing To 345 KV Line | | Project Study Area |

Notes:
 1. Ohio State Imagery Program (OSIP), March/April 2006
 3. ESRI Data & Maps, 2007



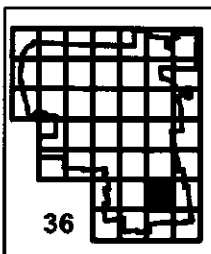
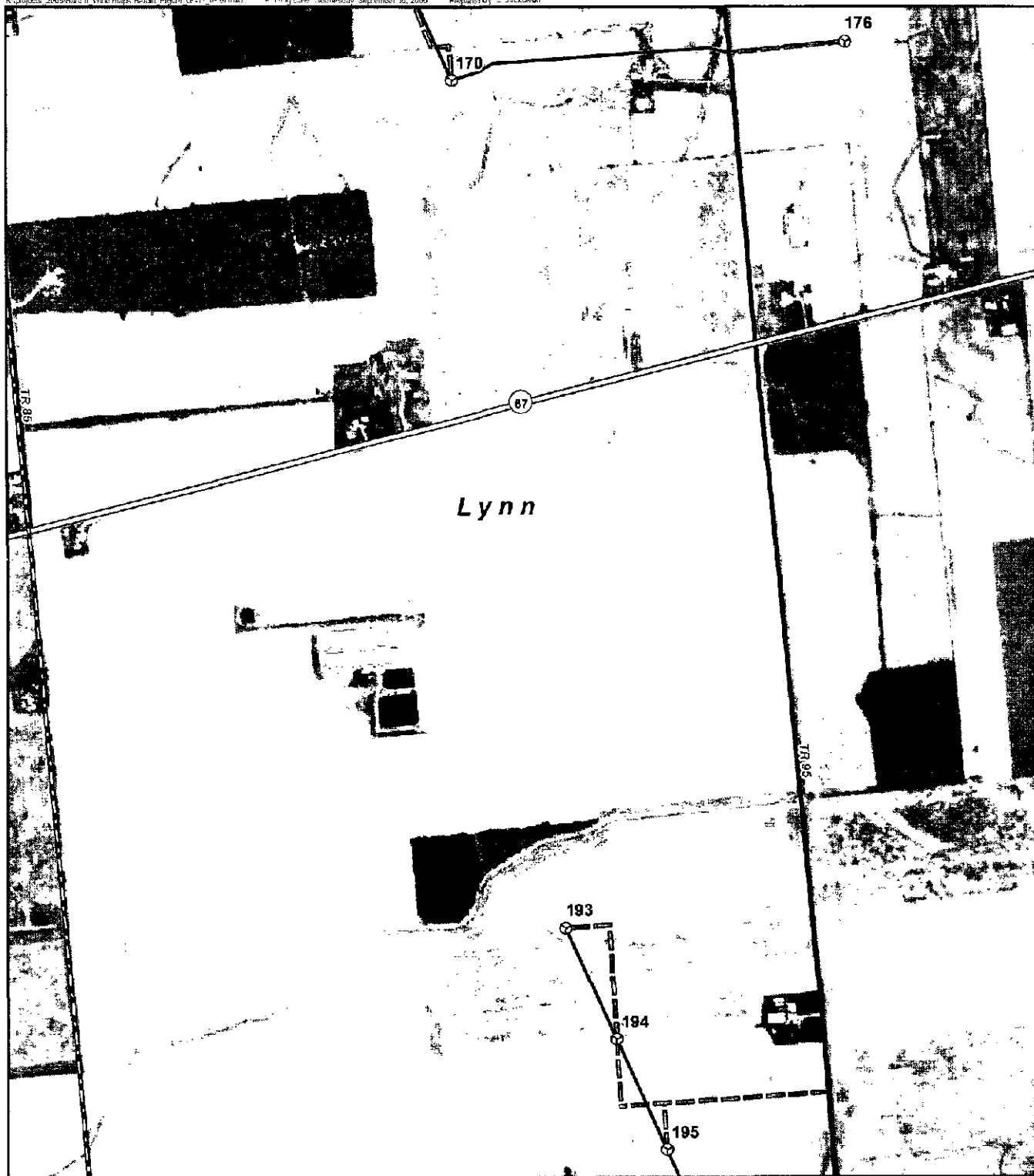
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

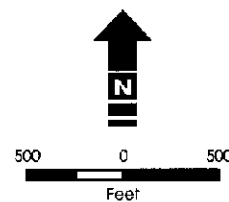




Legend

- ⊙ Proposed 1.5 XLE Turbine Location
- Proposed Substation
- Existing Transmission Line
- Proposed Access Road
- Proposed Collection Routing To 345 KV Line
- US Highway
- State/County Road
- Town Road
- ▭ Township Boundary
- ▭ Project Study Area

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2006
3. ESRI Data & Maps, 2007



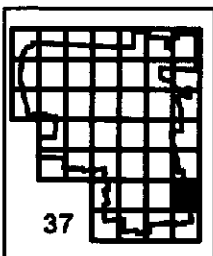
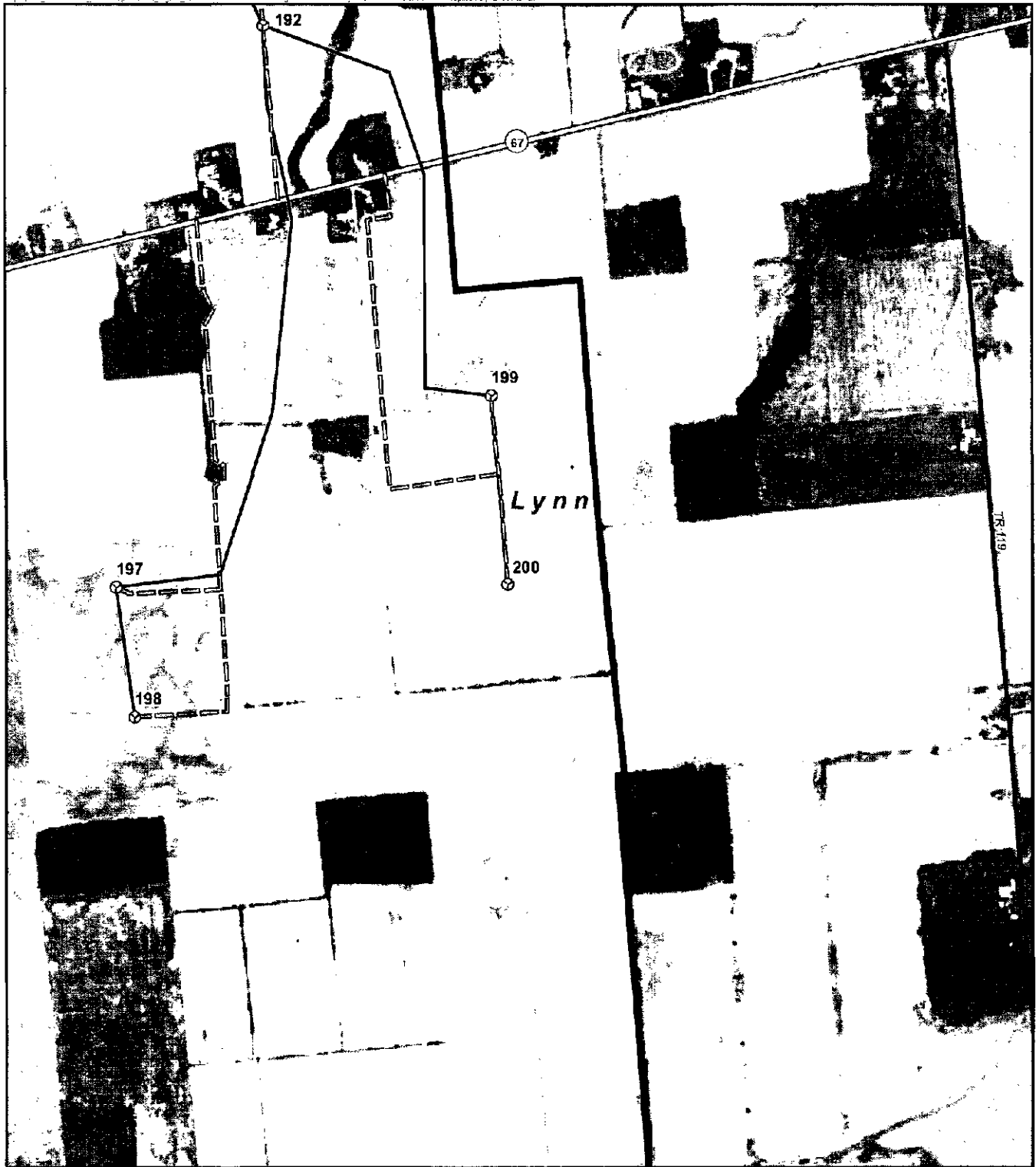
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

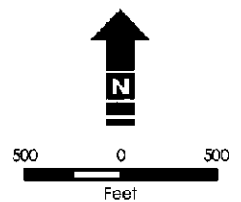




Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Substation
- Existing Transmission Line
- Proposed Access Road
- Proposed Collection Routing To 345 kV Line
- US Highway
- State/County Road
- Town Road
- Township Boundary
- Project Study Area

Notes:
 1. Ohio State Imagery Program (OSIP), March/April 2006
 2. ESRI Data & Maps, 2007



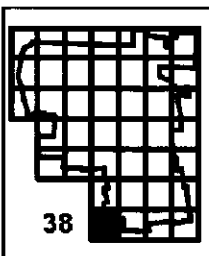
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

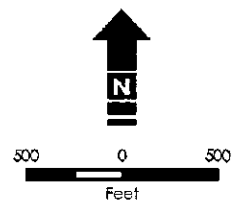




Legend

- ⊙ Proposed 1.5 XLE Turbine Location
- Proposed Substation
- Existing Transmission Line
- Proposed Access Road
- Proposed Collection Routing To 34.5 KV Line
- US Highway
- State/County Road
- Town Road
- ▭ Township Boundary
- ▭ Project Study Area

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2006
3. ESRI Data & Maps, 2007



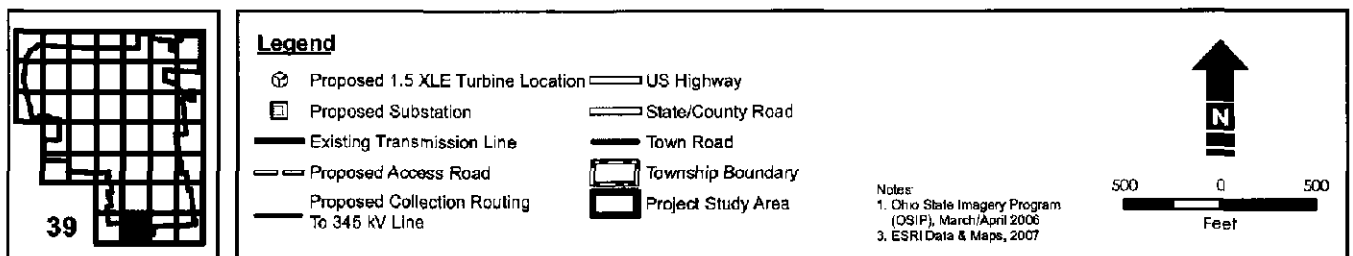
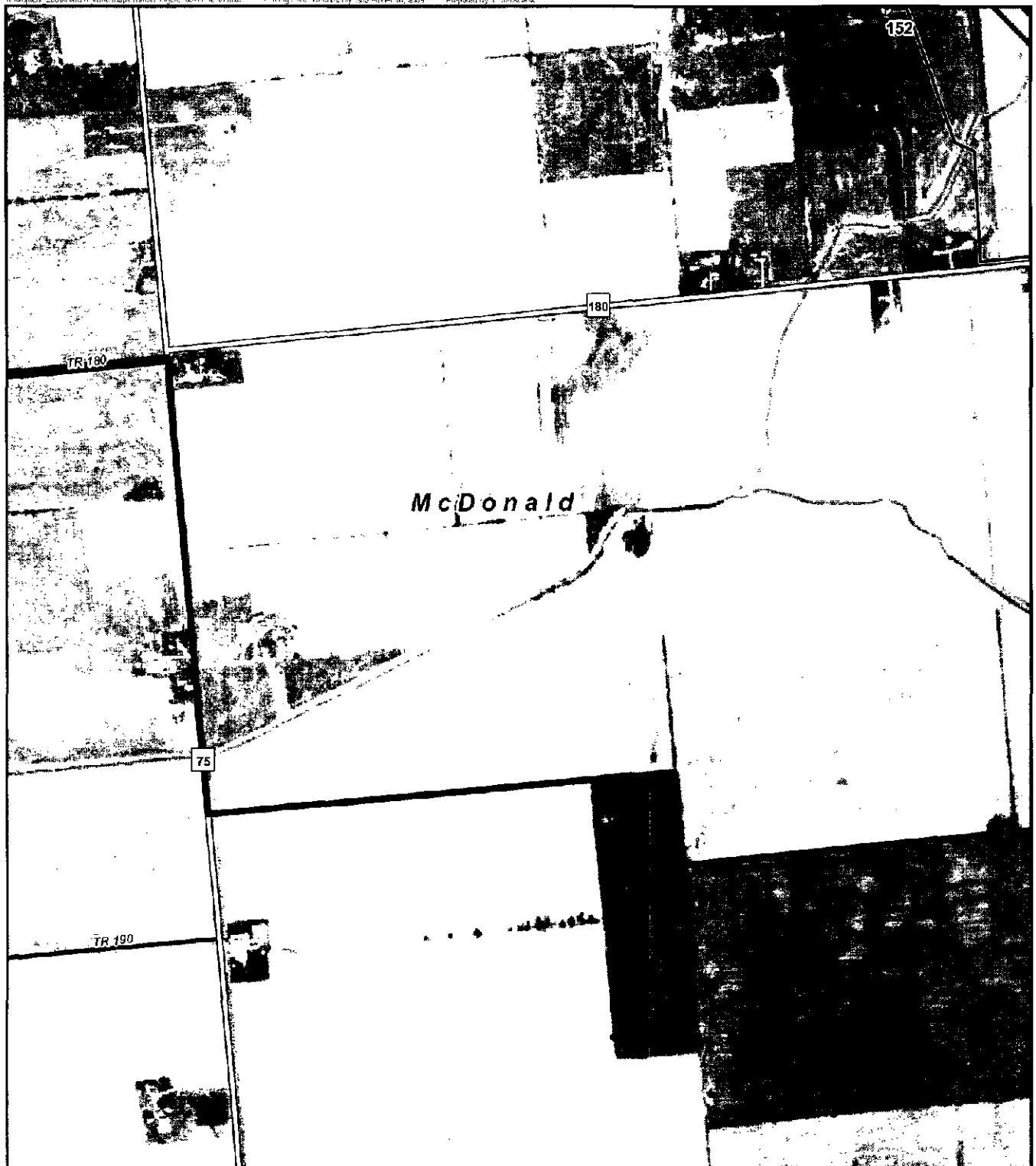
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009





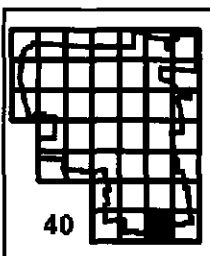
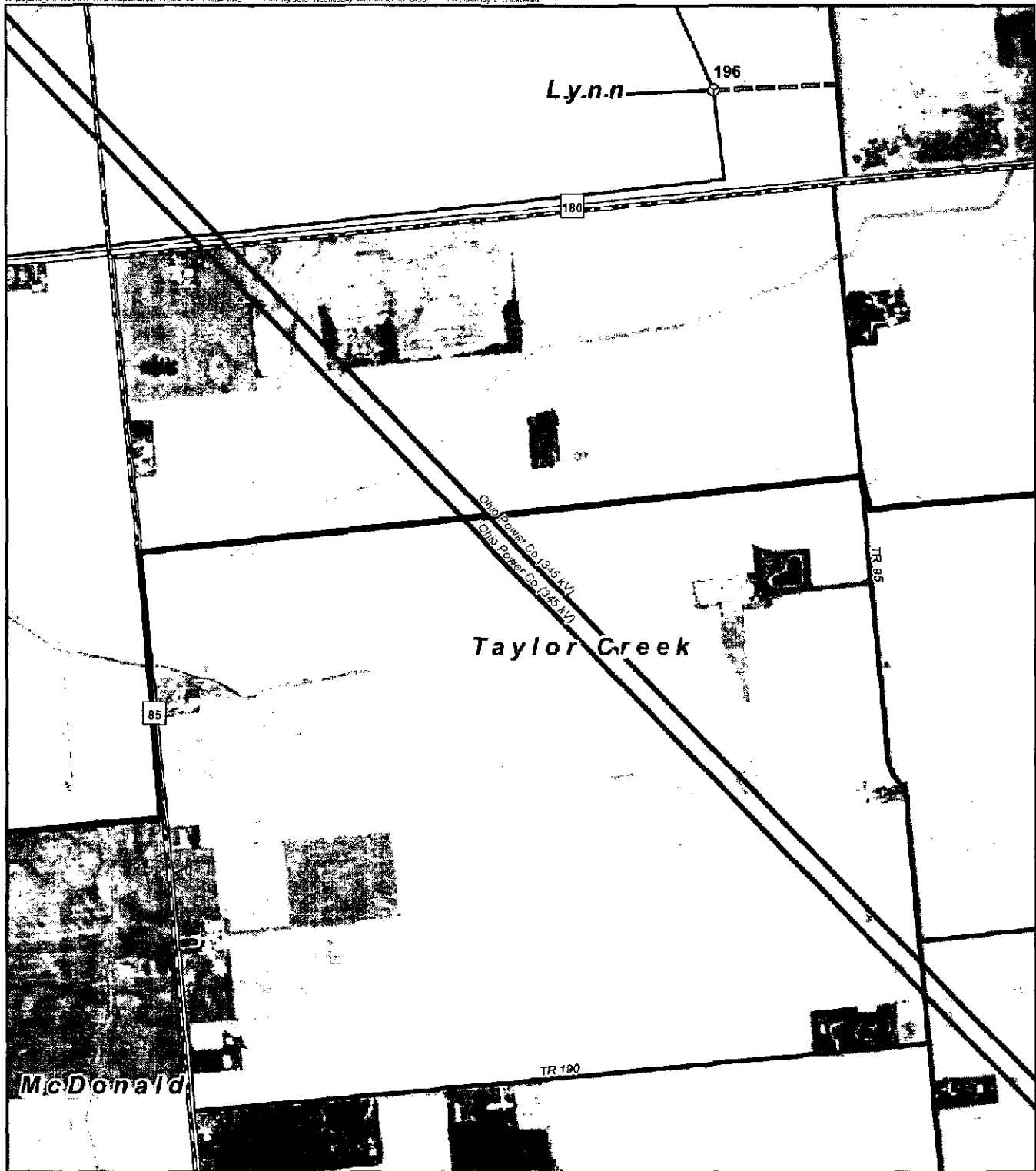
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

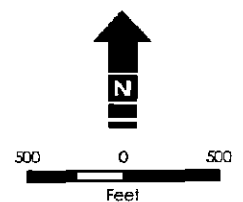




Legend

- | | |
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| Proposed 1.5 XLE Turbine Location | US Highway |
| Proposed Substation | State/County Road |
| Existing Transmission Line | Town Road |
| Proposed Access Road | Township Boundary |
| Proposed Collection Routing To 345 KV Line | Project Study Area |

Notes:
 1. Ohio State Imagery Program (OSIP), March/April 2006
 3. ESRI Data & Maps, 2007



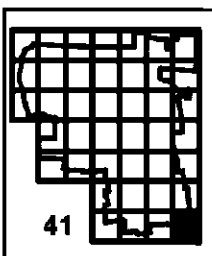
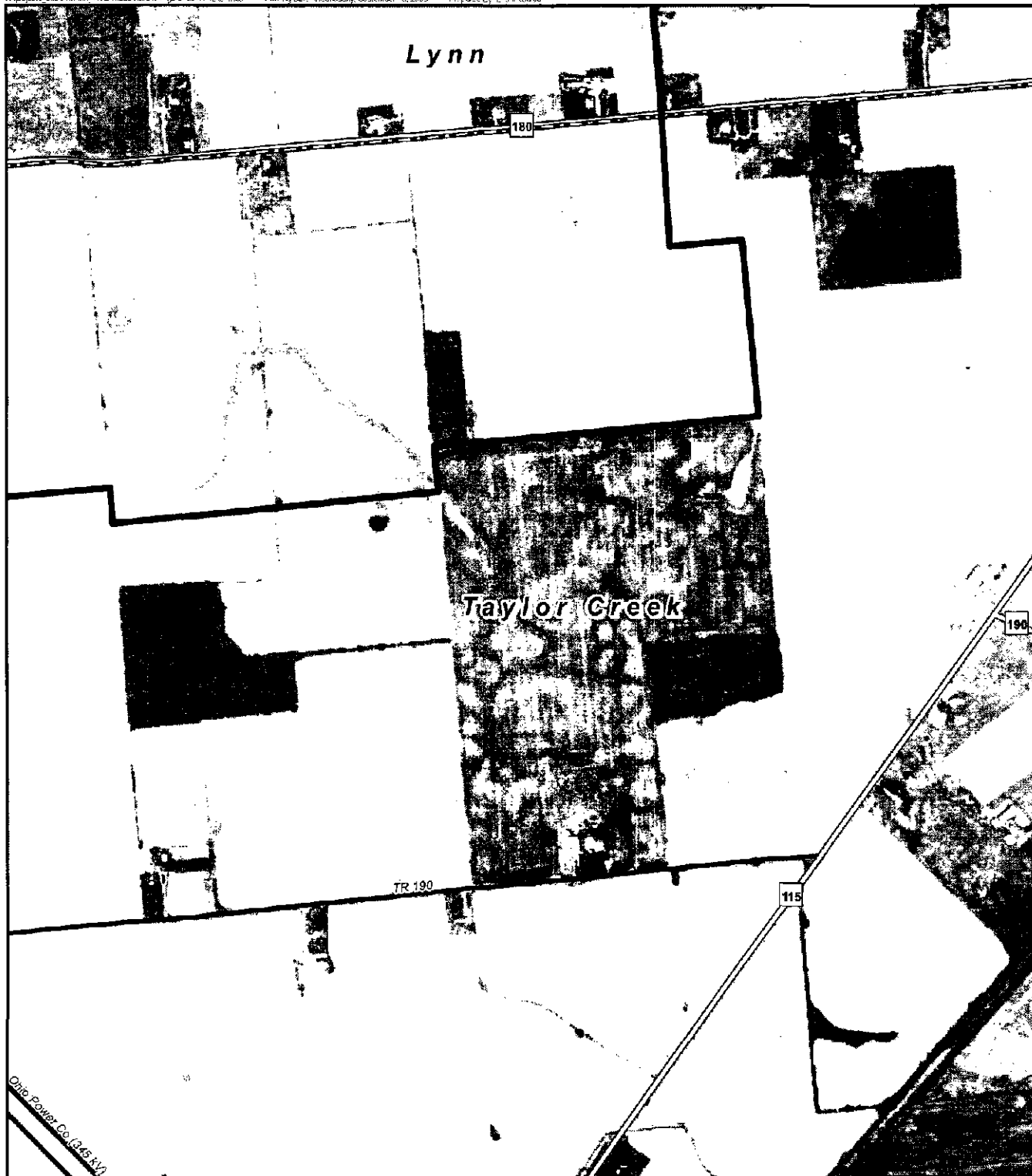
Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

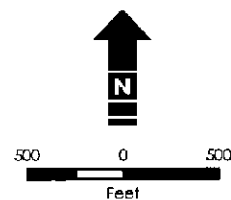




Legend

- ⊙ Proposed 1.5 XLE Turbine Location
- Proposed Substation
- Existing Transmission Line
- Proposed Access Road
- Proposed Collection Routing To 345 kV Line
- US Highway
- State/County Road
- Town Road
- Township Boundary
- ▭ Project Study Area

Notes:
1. Ohio State Imagery Program (OSIP), March/April 2006
3. ESRI Data & Maps, 2007



Wind Farm Layout with 1.5 GE XLE Wind Turbine

Hardin Wind Farm, Hardin County, Ohio

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September 16, 2009

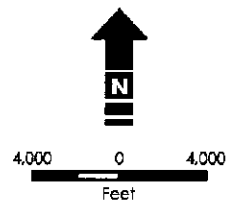




Legend

- ⊙ Proposed 1.5 XLE Turbine Location
- NonParticipating Land Owner House 45 dB
- Participating Land Owner House 50 dB
- Hardin County Parcels
- ▬ Project Study Area

Notes:
 1. Ohio State Imagery Program (OSIP), March/April 2006
 2. Hardin County, State of Ohio
 3. Noise contours created by Arcsearch



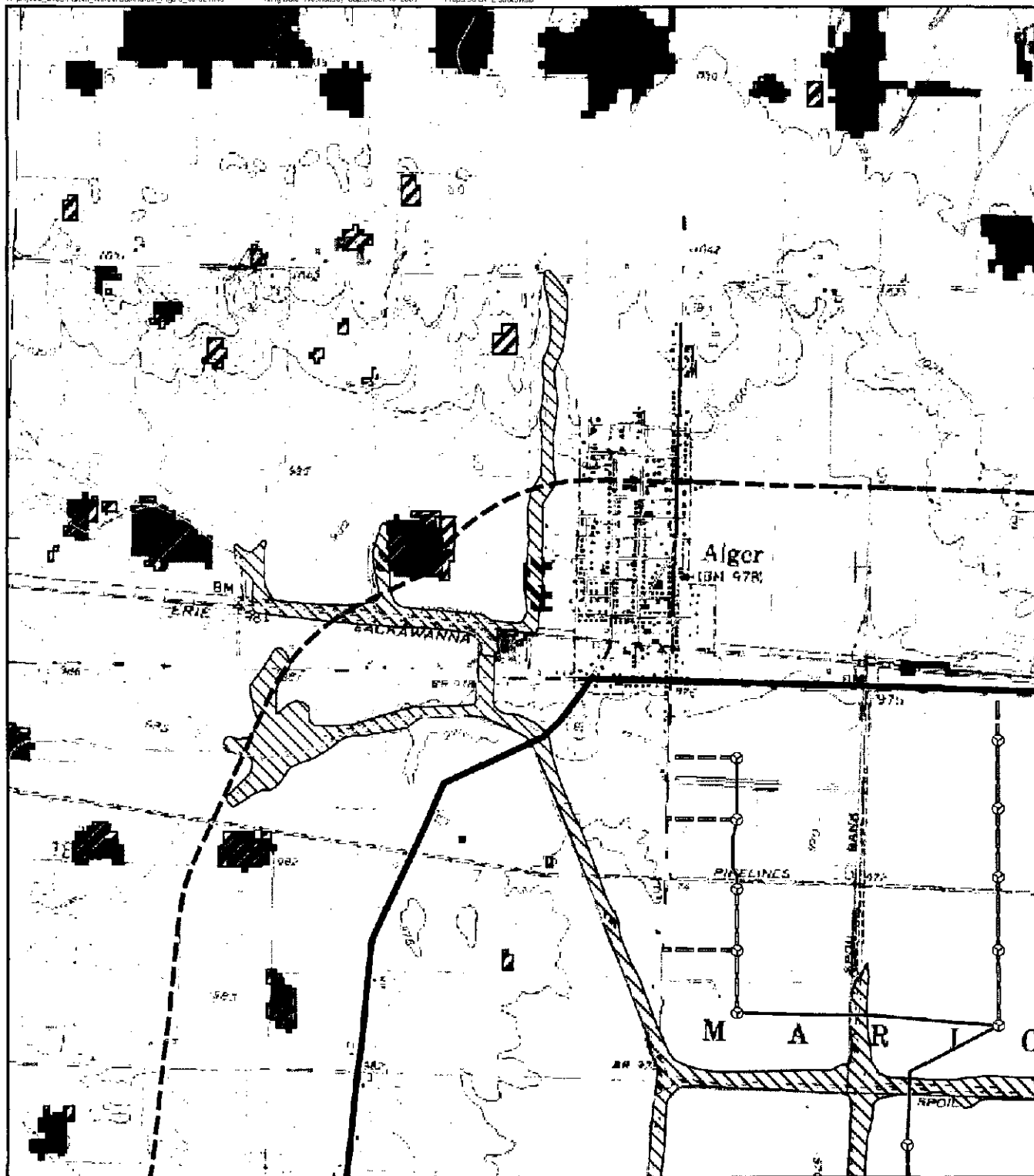
Hardin Noise Map for Proposed 1.5 XLE Layout

Hardin Wind Farm, Hardin County, Ohio

Rev. 00

June 29, 2009





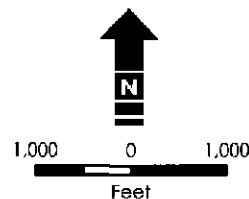
Legend

- | | |
|---|-----------------------------------|
| Proposed 1.5 XLE Turbine Location | 1/2-Mile Project Boundary Setback |
| Proposed Access Road | Study Area Boundary |
| Proposed Collection Routing To 345KV Line | Developed, Open Space |
| River/Stream | Deciduous Forest |
| Hardin County OWI Wetlands | Evergreen Forest |
| Water Body | Mixed Forest |
| 100-Year Flood Hazard Area | Woody Wetlands |
| Park | Emergent Herbaceous Wetlands |

Sheet 01 of 15

Notes:

1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Photoinsp. 1984
 - Alger Quadrangle, OH; 1961
 - Foraker Quadrangle, OH; 1961, Photoinsp. 1984
 - Roundhead Quadrangle, OH; 1960, Photorev. 1982
 - Silvercreek Quadrangle, OH; 1960, Photorev. 1973
2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
3. ESRI Data & Maps 2007
4. Ohio Department of Natural Resources
5. Federal Emergency Management Agency (FEMA)



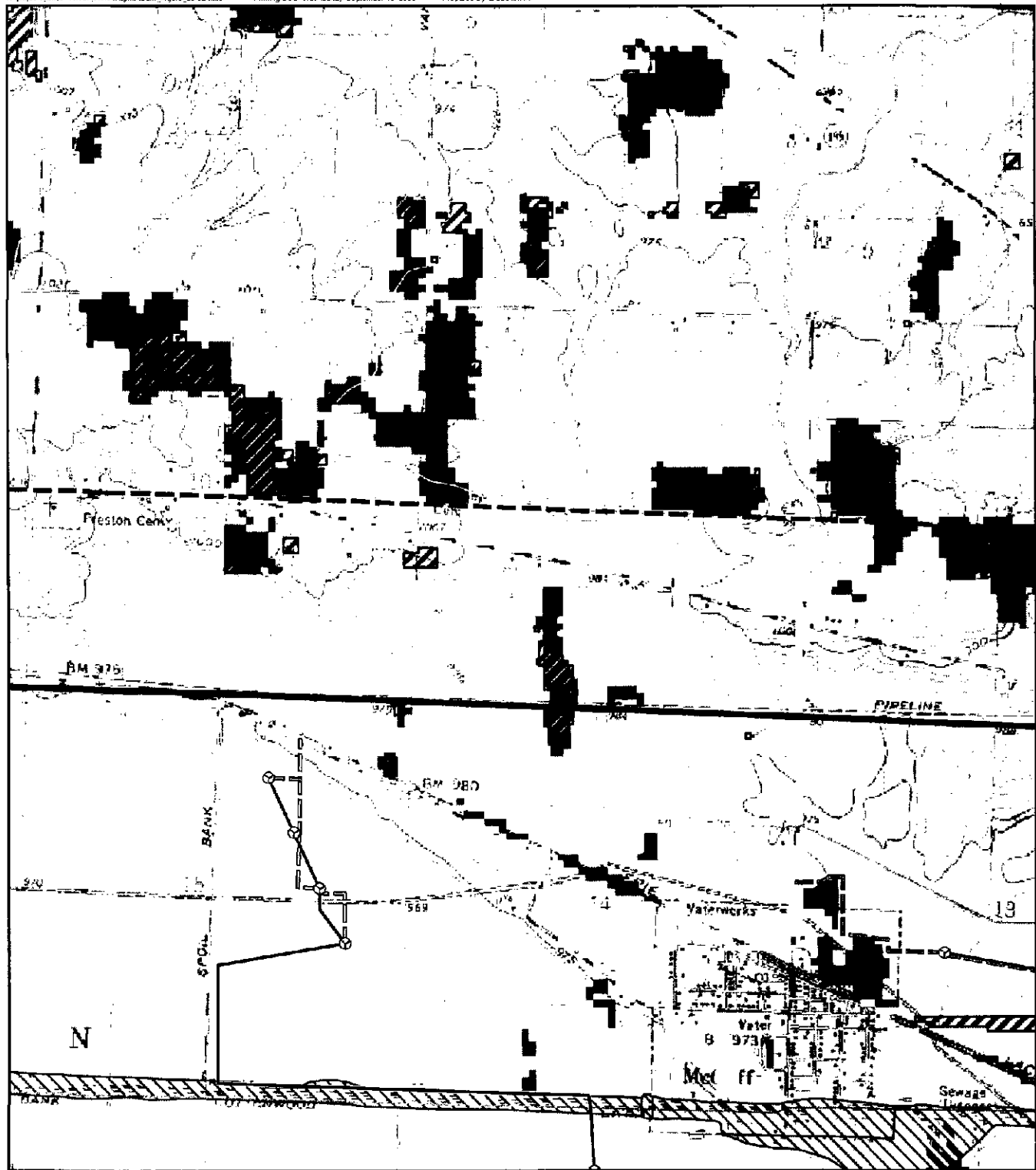
Ecological Impact Map

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009



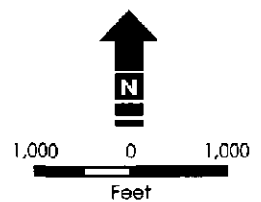


Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Access Road
- Proposed Collection Routing To 345kV Line
- River/Stream
- Hardin County OWI Wetlands
- Water Body
- 100-Year Flood Hazard Area
- Park
- 1/4-Mile Project Boundary Setback
- Study Area Boundary
- Developed, Open Space
- Deciduous Forest
- Evergreen Forest
- Mixed Forest
- Woody Wetlands
- Emergent Herbaceous Wetlands

Sheet 02 of 15

- Notes:
1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Photoinsp. 1984
 - Alger Quadrangle, OH; 1961
 - Forsaker Quadrangle, OH; 1961, Photoinsp. 1984
 - Roundhead Quadrangle, OH; 1960, Photoinsp. 1982
 - Silvercreek Quadrangle, OH; 1960, Photoinsp. 1973
 2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
 3. ESRI Data & Maps 2007
 4. Ohio Department of Natural Resources
 5. Federal Emergency Management Agency (FEMA)



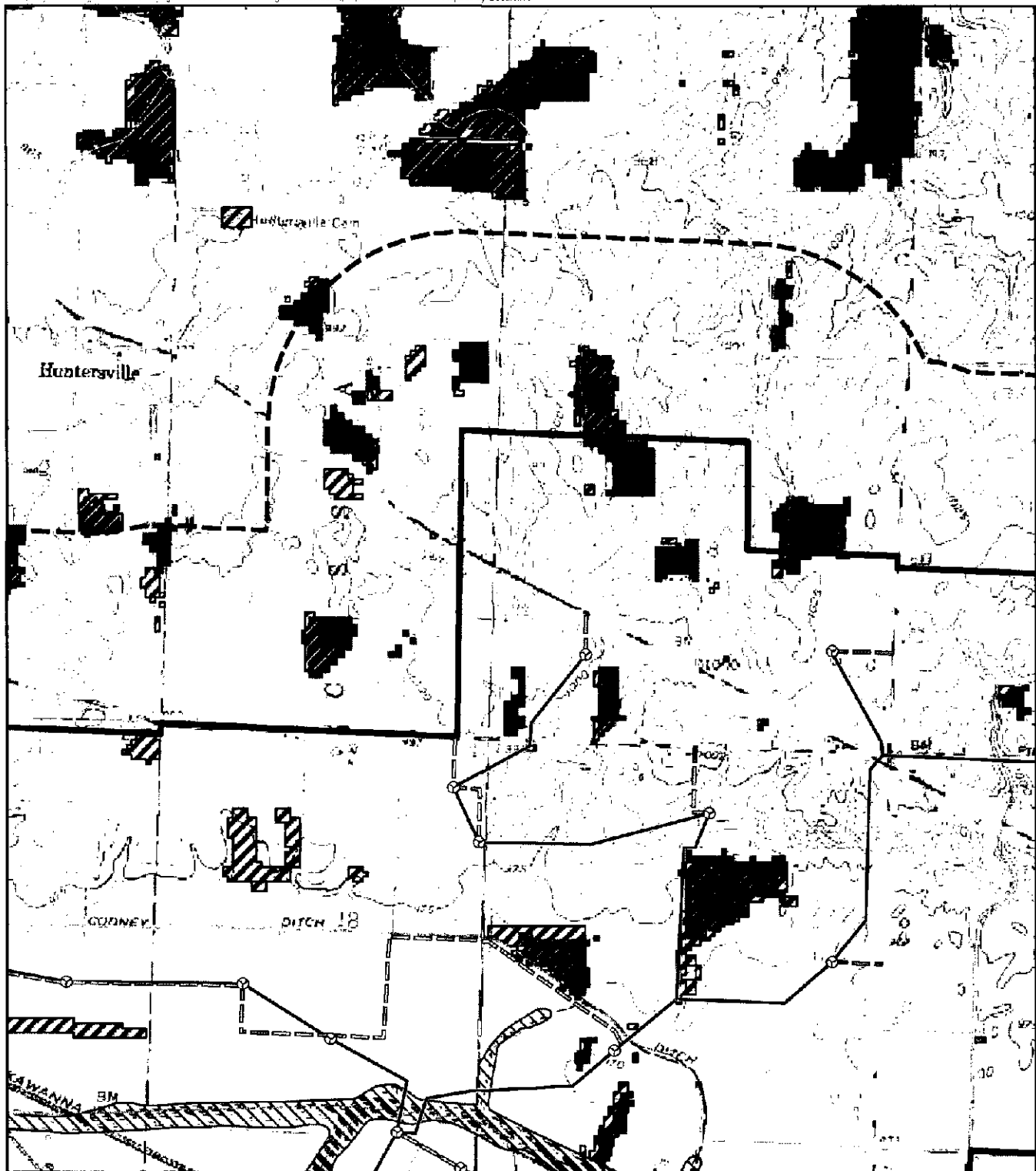
Ecological Impact Map

Hardin Wind Farm, Hardin County, Ohio

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September 16, 2009





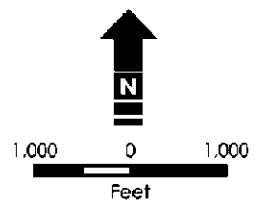
Legend

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Sheet 03 of 15

Notes:

1. U.S.G.S. 7.5 Minute Series Topographic Maps:
- Harrod Quadrangle, OH; 1951, Photoinsp. 1984
- Alger Quadrangle, OH; 1961
- Foraker Quadrangle, OH; 1961, Photoinsp. 1984
- Roundhead Quadrangle, OH; 1960, Photorev. 1982
- Silvercreek Quadrangle, OH; 1960, Photorev. 1973
2. Multi-Resolution Land Characteristics Consortium (MRLC)
National Land Cover Database (NLCD) 2001
3. ESRI Data & Maps 2007
4. Ohio Department of Natural Resources
5. Federal Emergency Management Agency (FEMA)



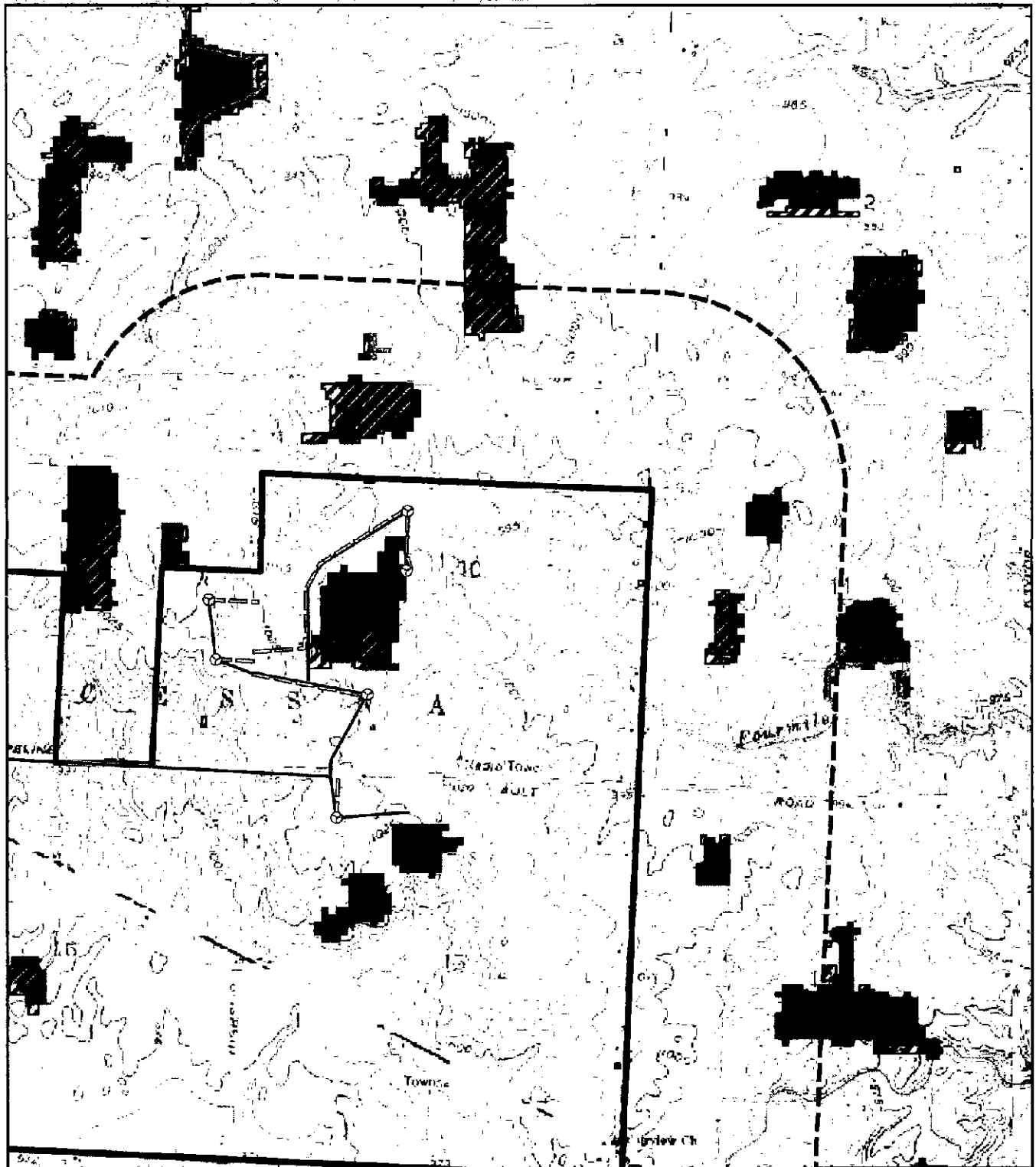
Ecological Impact Map

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009



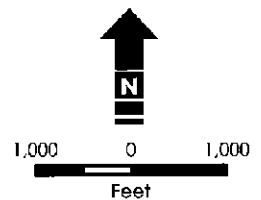


Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Access Road
- Proposed Collection Routing To 345kV Line
- River/Stream
- Hardin County OWI Wetlands
- Water Body
- 100-Year Flood Hazard Area
- Park
- 1/2-Mile Project Boundary Setback
- Study Area Boundary
- Developed, Open Space
- Deciduous Forest
- Evergreen Forest
- Mixed Forest
- Woody Wetlands
- Emergent Herbaceous Wetlands

Sheet 04 of 15

- Notes:
- U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Phototrip. 1984
 - Alger Quadrangle, OH; 1961
 - Forker Quadrangle, OH; 1961, Phototrip. 1984
 - Roundhead Quadrangle, OH; 1960, Photorev. 1982
 - Silvercreek Quadrangle, OH; 1960, Photorev. 1973
 - Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
 - ESRI Data & Maps 2007
 - Ohio Department of Natural Resources
 - Federal Emergency Management Agency (FEMA)



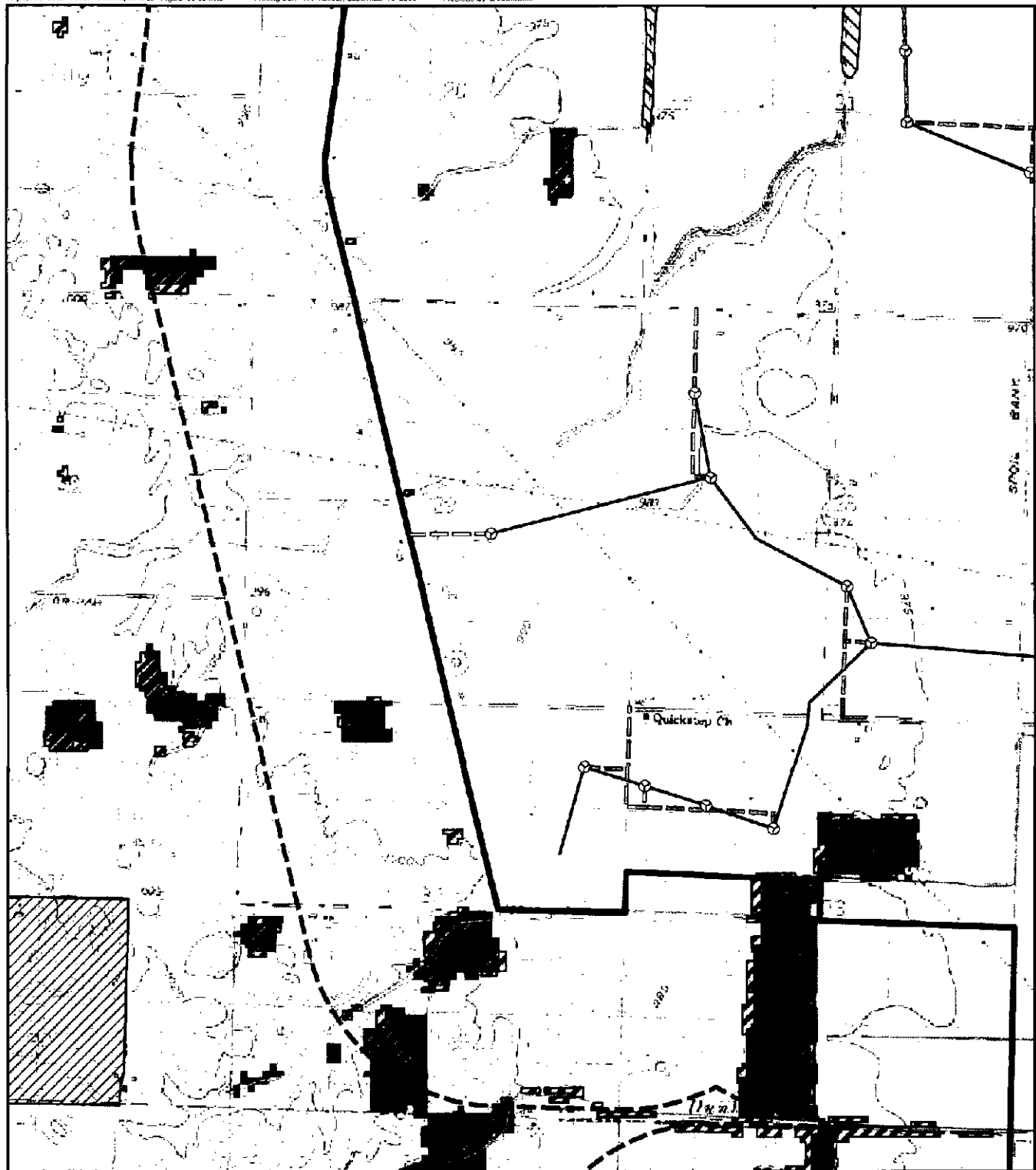
Ecological Impact Map

Hardin Wind Farm, Hardin County, Ohio

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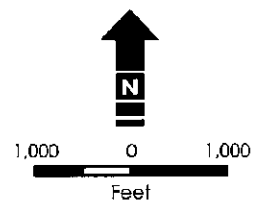
Legend

- Proposed 1.5 XL E-turbine Location
- Proposed Access Road
- Proposed Collection Routing To 345kV Line
- River/Stream
- Hardin County OWI Wetlands
- Water Body
- 100-Year Flood Hazard Area
- Park
- 1/4-Mile Project Boundary Setback
- Study Area Boundary
- Developed, Open Space
- Deciduous Forest
- Evergreen Forest
- Mixed Forest
- Woody Wetlands
- Emergent Herbaceous Wetlands

Sheet 05 of 15

Notes:

1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Photoinsp. 1984
 - Alger Quadrangle, OH; 1961
 - Foraker Quadrangle, OH; 1961, Photoinsp. 1984
 - Roundhead Quadrangle, OH; 1960, Photorev. 1982
 - Silvercreek Quadrangle, OH; 1960, Photorev. 1973
2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
3. ESRI Data & Maps 2007
4. Ohio Department of Natural Resources
5. Federal Emergency Management Agency (FEMA)



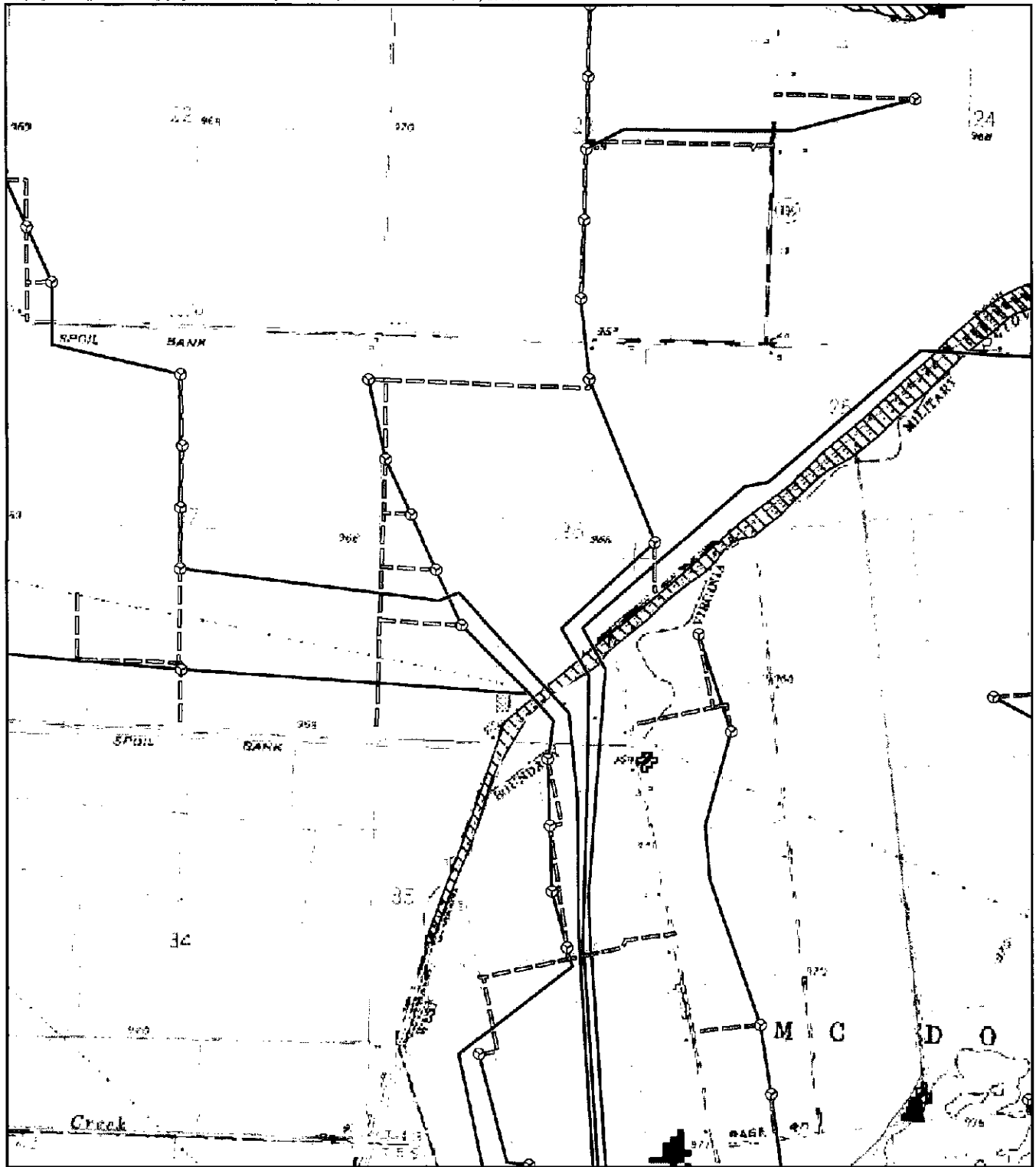
Ecological Impact Map

Hardin Wind Farm, Hardin County, Ohio

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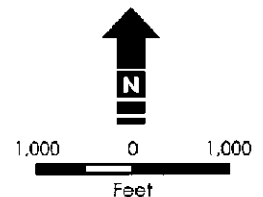
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Sheet 06 of 15

Notes:

1. U.S.G.S. 7.5 Minute Series Topographic Maps:
- Harrod Quadrangle, OH; 1961, Phototop. 1964
- Alger Quadrangle, OH; 1961
- Foraker Quadrangle, OH; 1961, Phototop. 1964
- Roundhead Quadrangle, OH; 1960, Photorev. 1982
- Silvercreek Quadrangle, OH; 1960, Photorev. 1973
2. Multi-Resolution Land Characteristics Consortium (MRLC)
National Land Cover Database (NLCD) 2001
3. ESRI Data & Maps 2007
4. Ohio Department of Natural Resources
5. Federal Emergency Management Agency (FEMA)



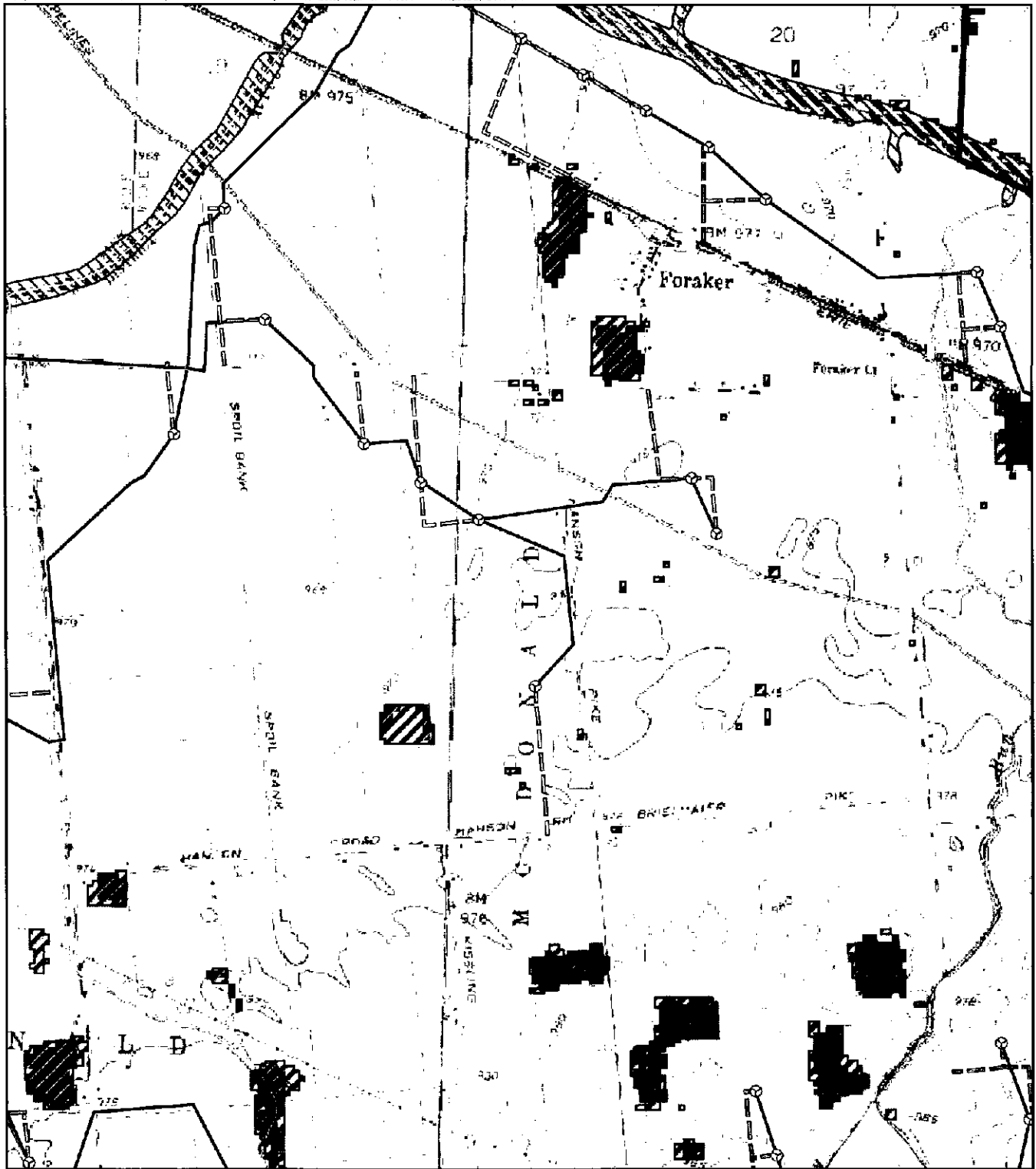
Ecological Impact Map

Hardin Wind Farm, Hardin County, Ohio

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September 16, 2009





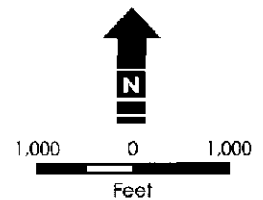
Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Access Road
- Proposed Collection Routing To 345kV Line
- River/Stream
- Hardin County OWA Wetlands
- Water Body
- 100-Year Flood Hazard Area
- Park
- 1/2-Mile Project Boundary Setback
- Study Area Boundary
- Developed, Open Space
- Deciduous Forest
- Evergreen Forest
- Mixed Forest
- Woody Wetlands
- Emergent Herbaceous Wetlands

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Notes:

1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Photoinsp. 1984
 - Alger Quadrangle, OH; 1961
 - Foraker Quadrangle, OH; 1961, Photoinsp. 1984
 - Roundhead Quadrangle, OH; 1960, Photorev. 1982
 - Silvercreek Quadrangle, OH; 1960, Photorev. 1973
2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
3. ESRI Data & Maps 2007
4. Ohio Department of Natural Resources
5. Federal Emergency Management Agency (FEMA)



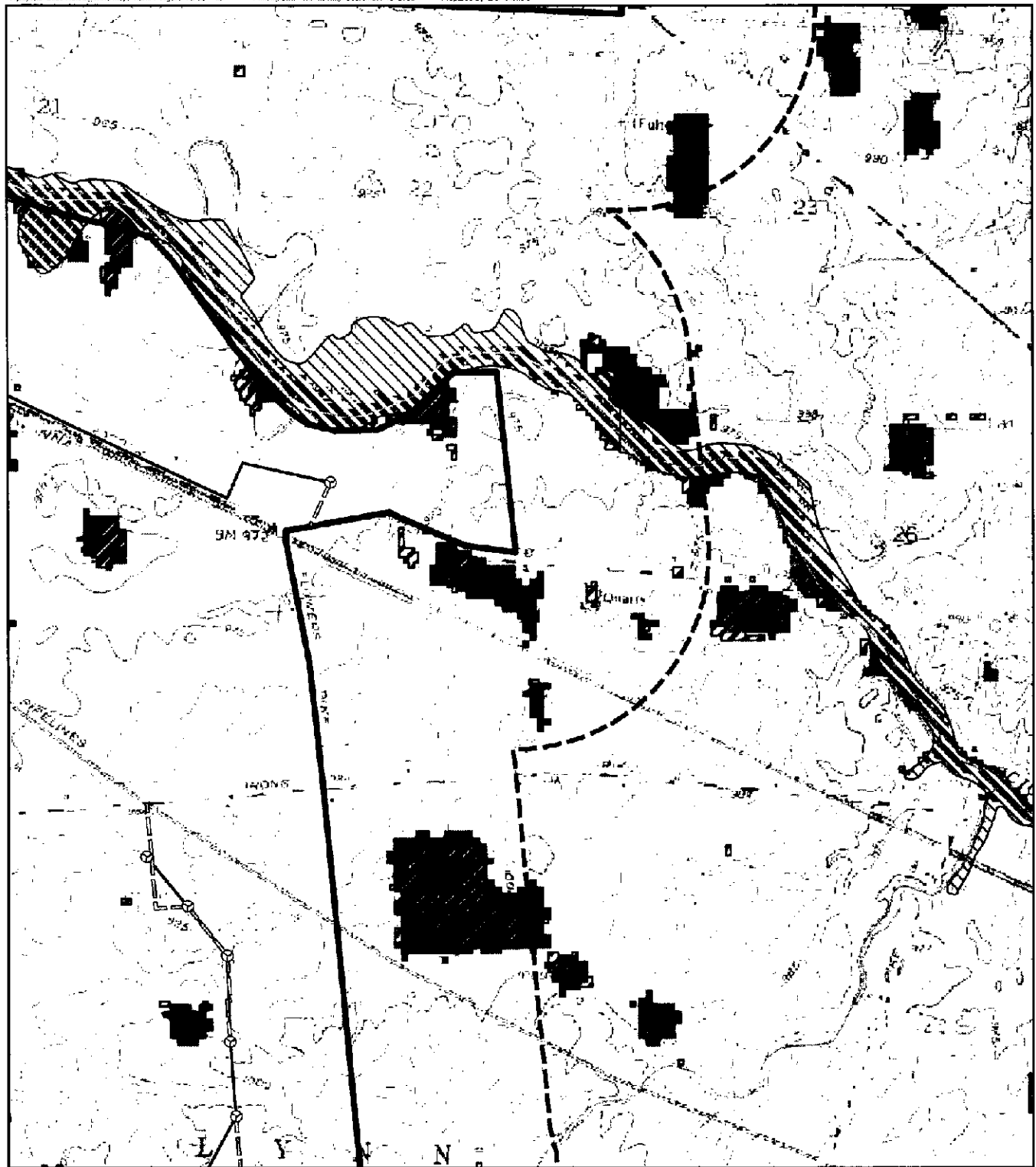
Ecological Impact Map

Hardin Wind Farm, Hardin County, Ohio

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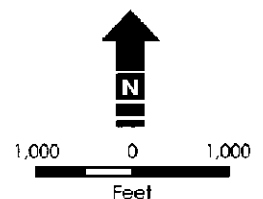
Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Access Road
- Proposed Collection Routing To 345KV Line
- River/Stream
- Hardin County OWI Wetlands
- Water Body
- 100-Year Flood Hazard Area
- Park
- 1/2-Mile Project Boundary Setback
- Study Area Boundary
- Developed, Open Space
- Deciduous Forest
- Evergreen Forest
- Mixed Forest
- Woody Wetlands
- Emergent Herbaceous Wetlands

Sheet 08 of 15

Notes:

1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Photoinsp. 1964
 - Alger Quadrangle, OH; 1961
 - Forker Quadrangle, OH; 1961, Photoinsp. 1964
 - Roundhead Quadrangle, OH; 1960, Photorev. 1982
 - Silvercreek Quadrangle, OH; 1960, Photorev. 1973
2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
3. ESRI Data & Maps 2007
4. Ohio Department of Natural Resources
5. Federal Emergency Management Agency (FEMA)



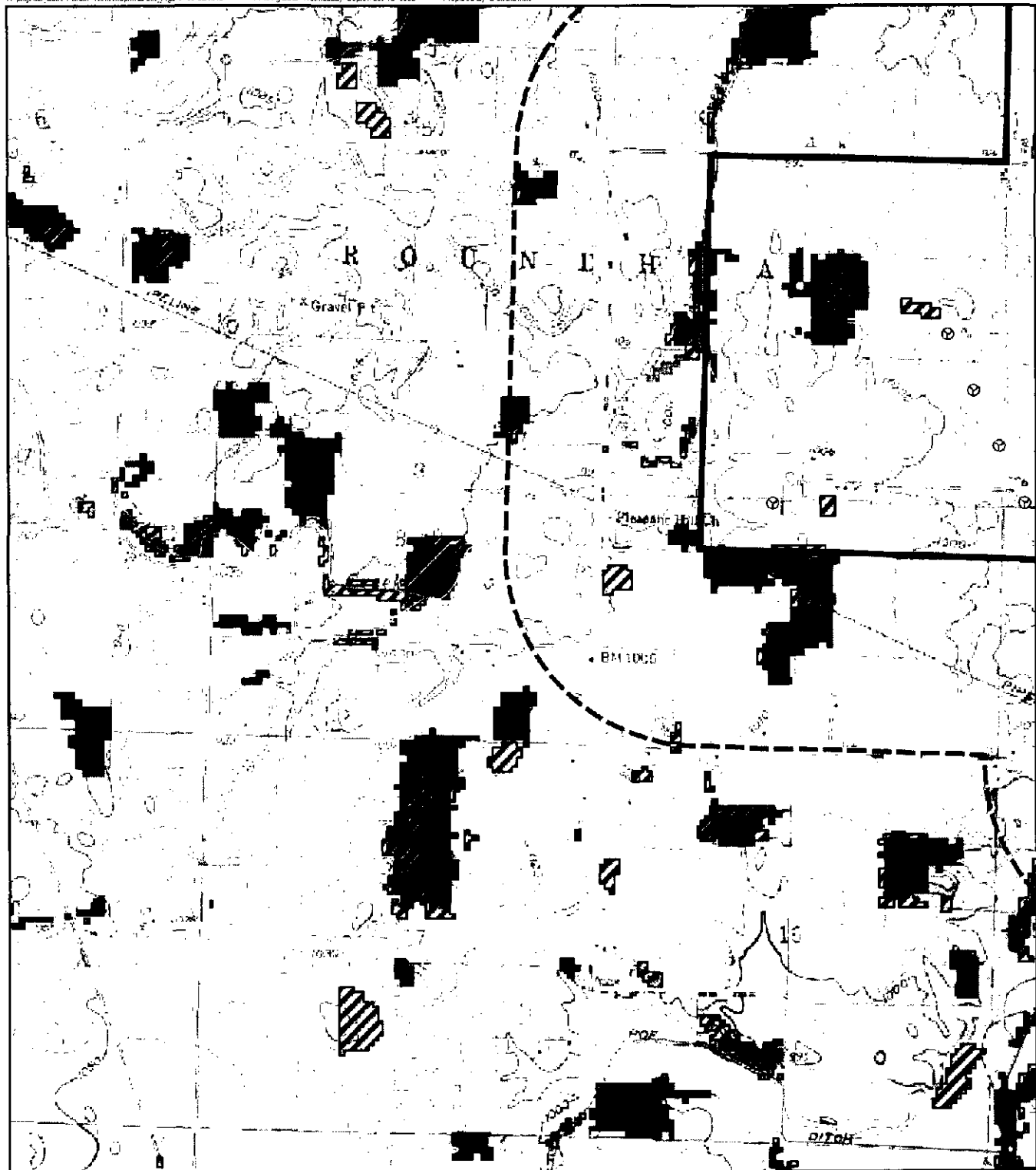
Ecological Impact Map

Hardin Wind Farm, Hardin County, Ohio

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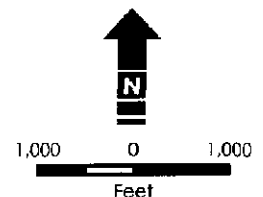


Legend

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Sheet 09 of 15

- Notes:
1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Photoinsp. 1984
 - Alger Quadrangle, OH; 1961
 - Foraker Quadrangle, OH; 1961, Photoinsp. 1984
 - Roundhead Quadrangle, OH; 1960, Photorev. 1982
 - Silvercreek Quadrangle, OH; 1960, Photorev. 1973
 2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
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 4. Ohio Department of Natural Resources
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Ecological Impact Map

Hardin Wind Farm, Hardin County, Ohio

Rev.01

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- Legend**
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|---|---|---|-----------------------------------|
|  | Proposed 1.5 XLE Turbine Location |  | 1/2-Mile Project Boundary Setback |
|  | Proposed Access Road |  | Study Area Boundary |
|  | Proposed Collection Routing To 345kV Line |  | Developed, Open Space |
|  | River/Stream |  | Deciduous Forest |
|  | Hardin County OWI Wetlands |  | Evergreen Forest |
|  | Water Body |  | Mixed Forest |
|  | 100-Year Flood Hazard Area |  | Woody Wetlands |
|  | Park |  | Emergent Herbaceous Wetlands |

Notes:

- Notes:
1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Photoinsp. 1984
 - Alger Quadrangle, OH; 1961
 - Foraker Quadrangle, OH; 1981, Photoinsp. 1984
 - Roundhead Quadrangle, OH; 1960, Photorev. 1992
 - Silvercreek Quadrangle, OH; 1960, Photorev. 1973
 2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
 3. ESRI Data & Maps 2007
 4. Ohio Department of Natural Resources
 5. Federal Emergency Management Agency (FEMA)



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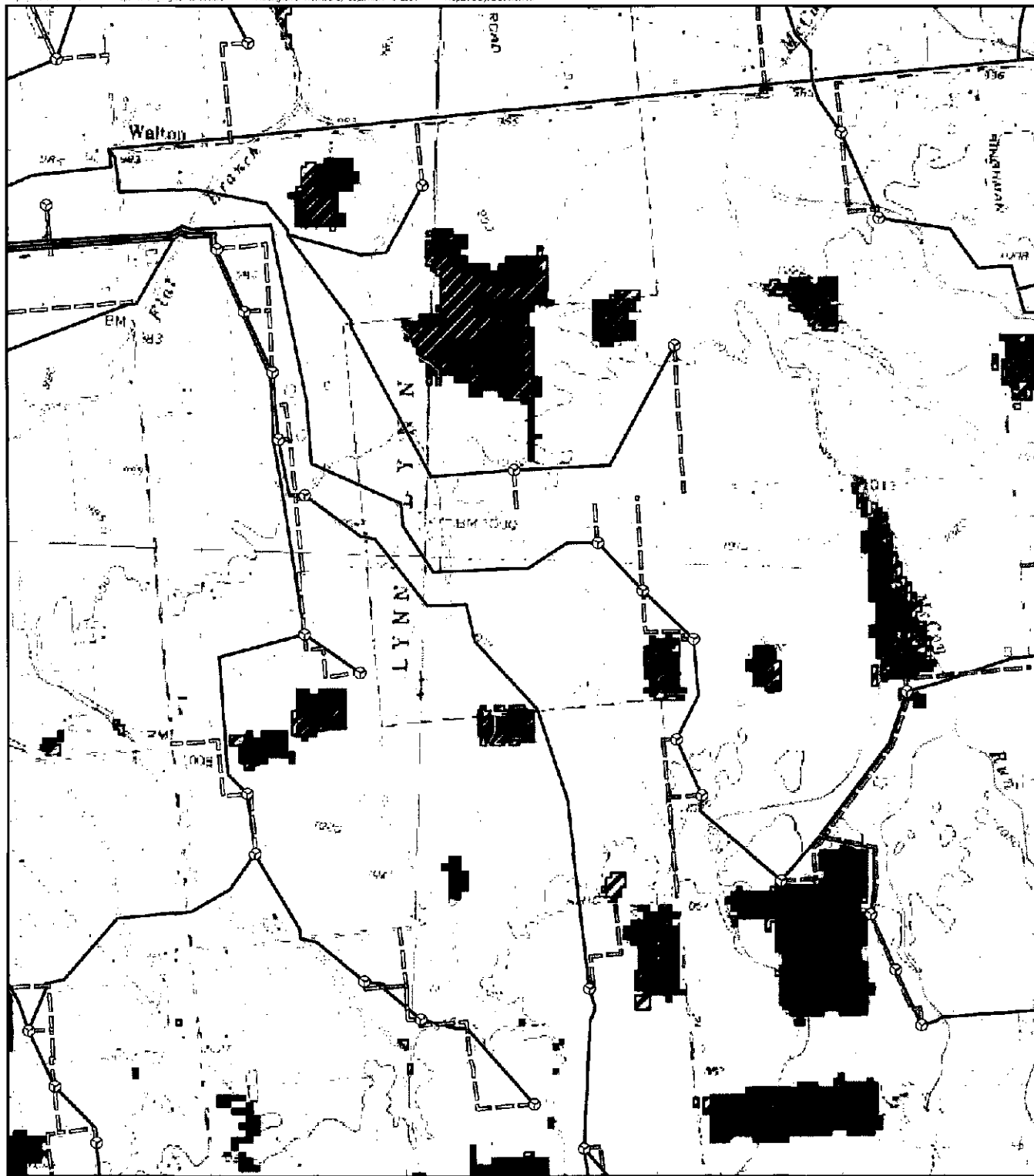
Ecological Impact Map

Hardin Wind Farm, Hardin County, Ohio

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September 16, 2009



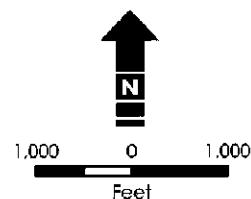


Legend

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Sheet 11 of 15

- Notes:
1. U.S.G.S 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1981, Phototrip, 1984
 - Alger Quadrangle, OH; 1961
 - Foraker Quadrangle, OH; 1961, Phototrip, 1984
 - Roundhead Quadrangle, OH; 1960, Photorev, 1982
 - Silvercreek Quadrangle, OH; 1960, Photorev, 1973
 2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
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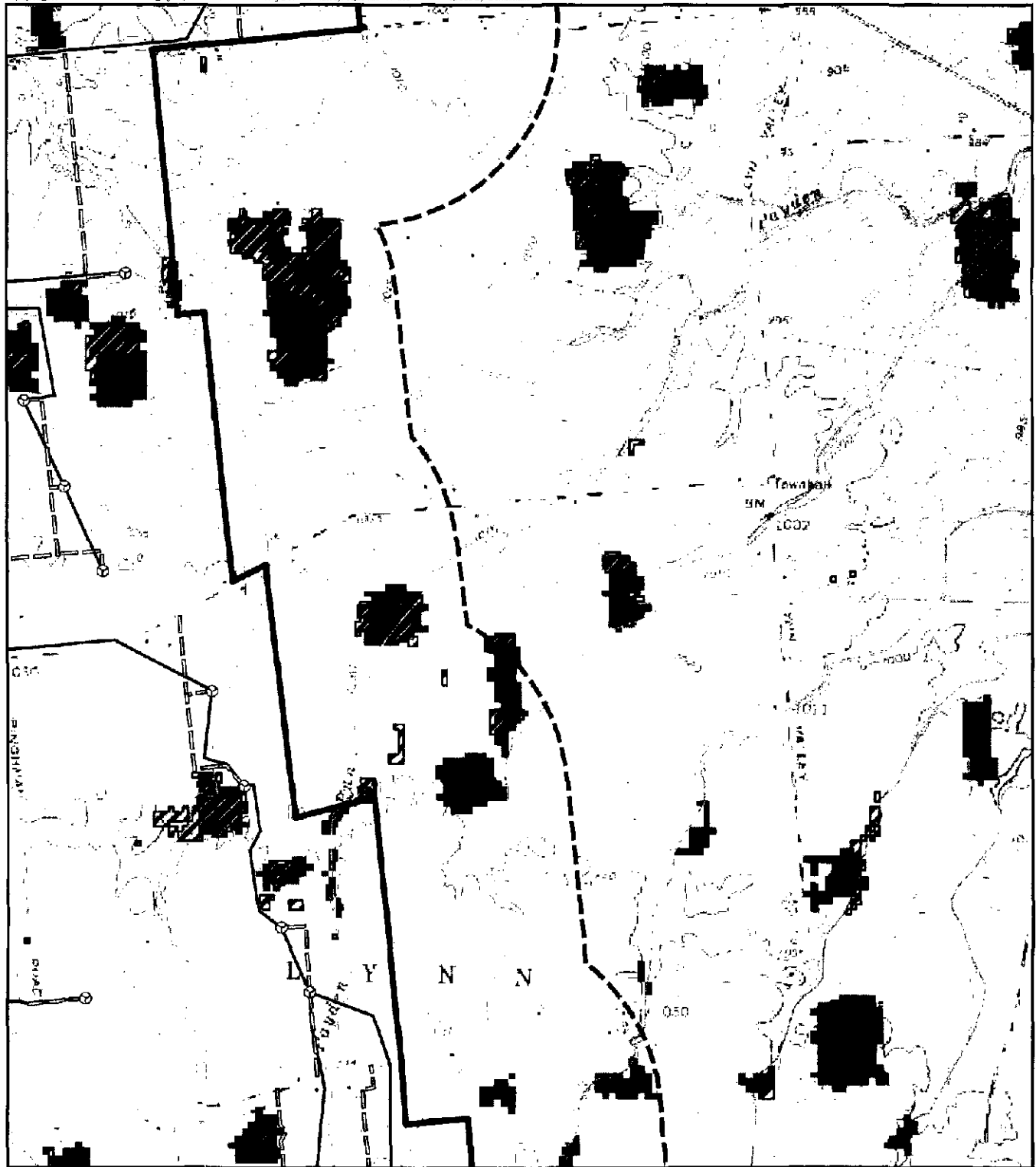
Ecological Impact Map

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009



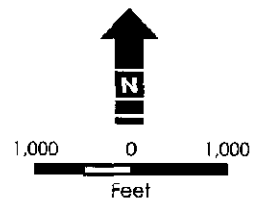


Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Access Road
- Proposed Collection Routing To 345KV Line
- River/Stream
- Hardin County OWI Wetlands
- Water Body
- 100-Year Flood Hazard Area
- Park
- 1/4-Mile Project Boundary Setback
- Study Area Boundary
- Developed, Open Space
- Deciduous Forest
- Evergreen Forest
- Mixed Forest
- Woody Wetlands
- Emergent Herbaceous Wetlands

Sheet 12 of 15

- Notes:
- U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Photoinsp. 1964
 - Alger Quadrangle, OH; 1961
 - Foraker Quadrangle, OH; 1961, Photoinsp. 1964
 - Roundhead Quadrangle, OH; 1960, Photorev. 1962
 - Silvercreek Quadrangle, OH; 1960, Photorev. 1973
 - Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
 - ESRI Data & Maps 2007
 - Ohio Department of Natural Resources
 - Federal Emergency Management Agency (FEMA)



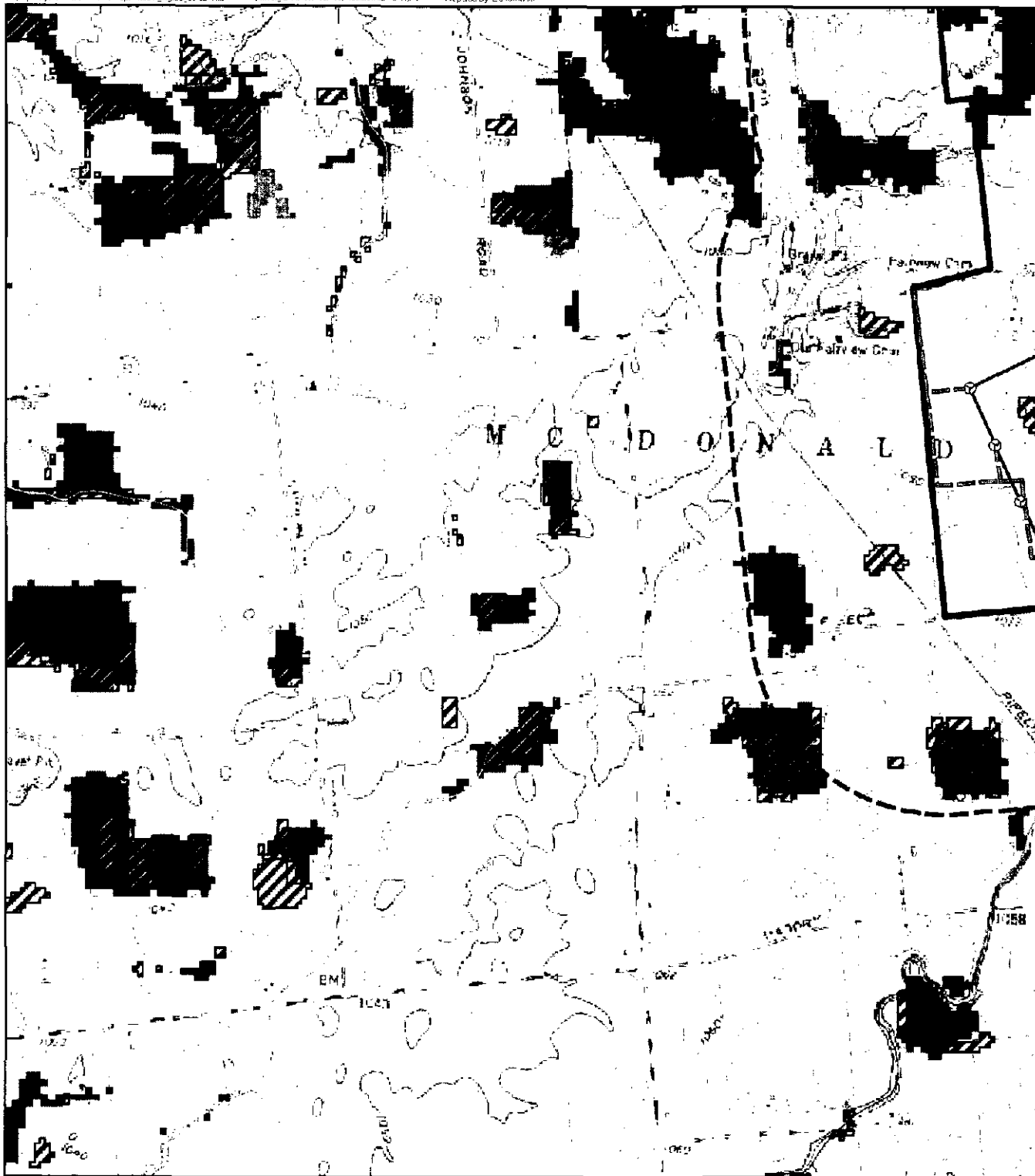
Ecological Impact Map

Hardin Wind Farm, Hardin County, Ohio

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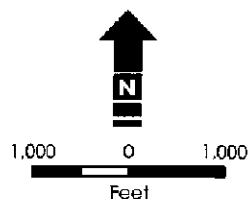
Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Access Road
- Proposed Collection Routing to 345 kV Line
- River/Stream
- Water Body
- 100-Year Flood Hazard Area
- Park
- 1/4-Mile Project Boundary Setback
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- Developed, Open Space
- Deciduous Forest
- Evergreen Forest
- Mixed Forest
- Woody Wetlands
- Emergent Herbaceous Wetlands

Sheet 13 of 15

Notes:

1. U.S.G.S. 7.5 Minute Series Topographic Maps;
 - Harrod Quadrangle, OH; 1961, Photorep. 1984
 - Alger Quadrangle, OH; 1961
 - Foreaker Quadrangle, OH; 1961, Photoinsp. 1984
 - Roundhead Quadrangle, OH; 1960, Photorep. 1982
 - Silvercreek Quadrangle, OH; 1960, Photorep. 1973
2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
3. ESRI Data & Maps 2007
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5. Federal Emergency Management Agency (FEMA)



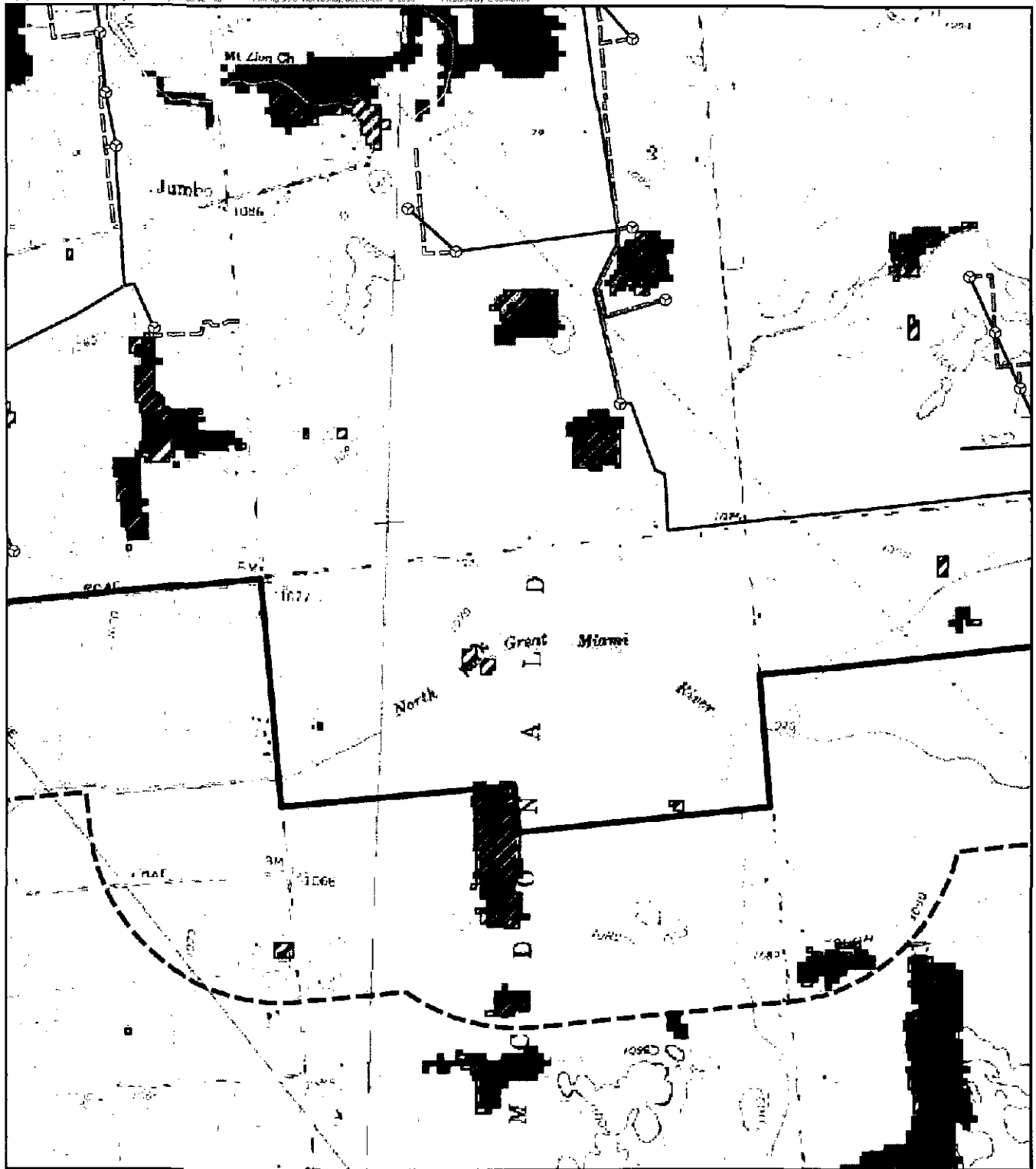
Ecological Impact Map

Hardin Wind Farm, Hardin County, Ohio

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September 16, 2009



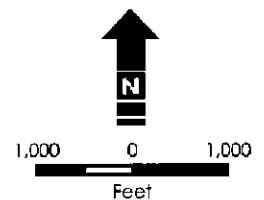


Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Access Road
- Proposed Collection Routing To 345kV Line
- River/Stream
- Hardin County OWI Wetlands
- Water Body
- 100-Year Flood Hazard Area
- Park
- 1/4-Mile Project Boundary Setback
- Study Area Boundary
- Developed, Open Space
- Deciduous Forest
- Evergreen Forest
- Mixed Forest
- Woody Wetlands
- Emergent Herbaceous Wetlands

Sheet 14 of 15

- Notes:
1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Photoinsp. 1984
 - Alger Quadrangle, OH; 1961
 - Foraker Quadrangle, OH; 1961, Photoinsp. 1984
 - Roundhead Quadrangle, OH; 1960, Photorev. 1982
 - Silvercreek Quadrangle, OH; 1960, Photorev. 1973
 2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
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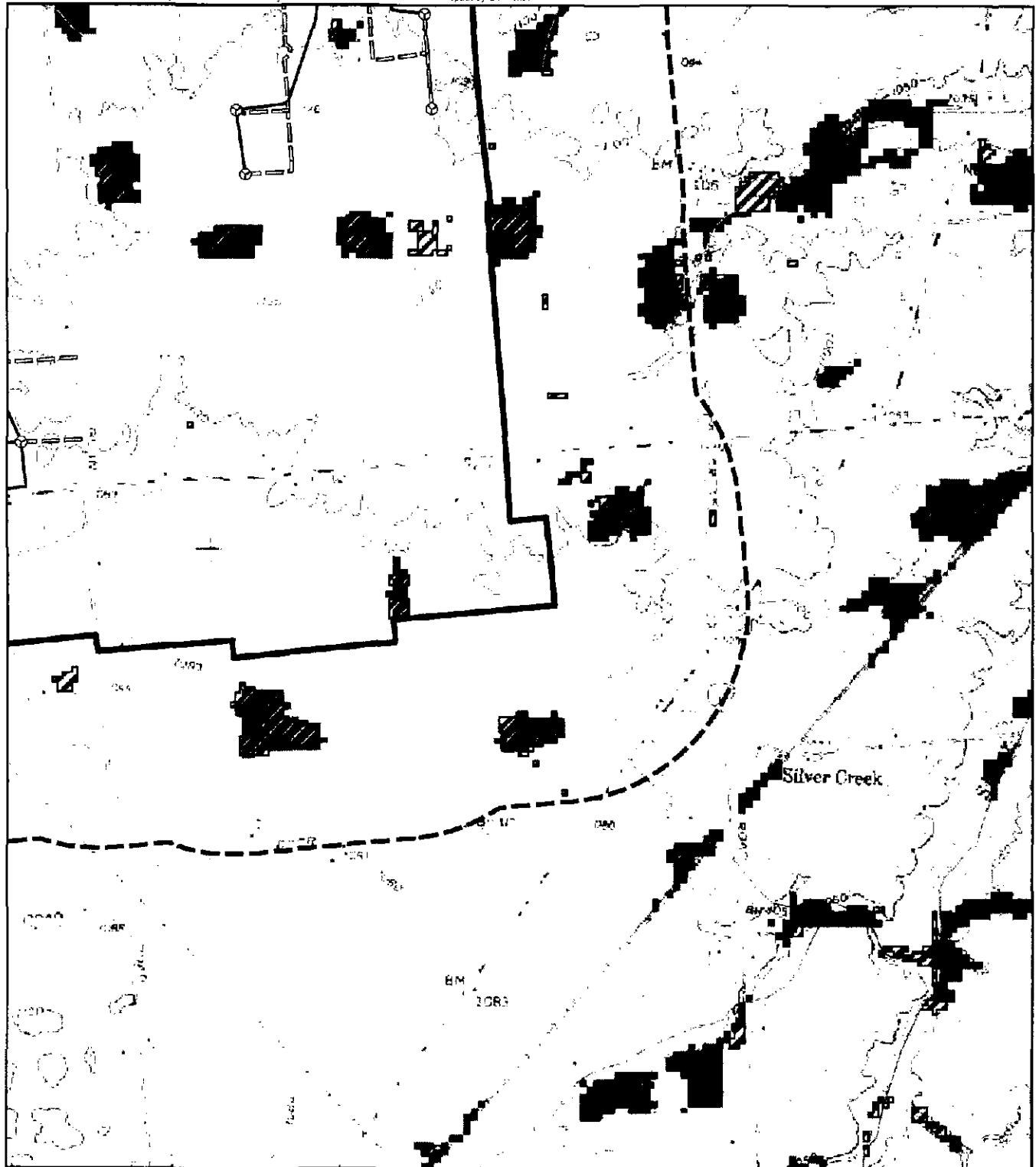
Ecological Impact Map

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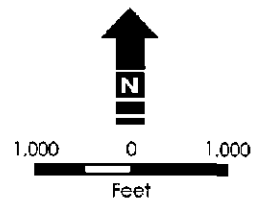
Legend

- | | |
|---|-----------------------------------|
| Proposed 1.5 XLE Turbine Location | 1/4-Mile Project Boundary Setback |
| Proposed Access Road | Study Area Boundary |
| Proposed Collection Routing To 345kV Line | Developed, Open Space |
| River/Stream | Deciduous Forest |
| Hardin County OWI Wetlands | Evergreen Forest |
| Water Body | Mixed Forest |
| 100-Year Flood Hazard Area | Woody Wetlands |
| Park | Emergent Herbaceous Wetlands |

Sheet 15 of 15

Notes:

1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Phototop. 1984
 - Alger Quadrangle, OH; 1961
 - Foraker Quadrangle, OH; 1961, Phototop. 1984
 - Roundhead Quadrangle, OH; 1960, Photorev. 1962
 - Silvercreek Quadrangle, OH; 1960, Photorev. 1973
2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
3. ESRI Data & Maps 2007
4. Ohio Department of Natural Resources
5. Federal Emergency Management Agency (FEMA)



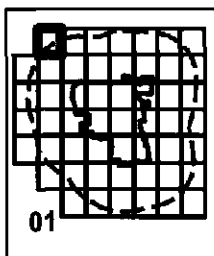
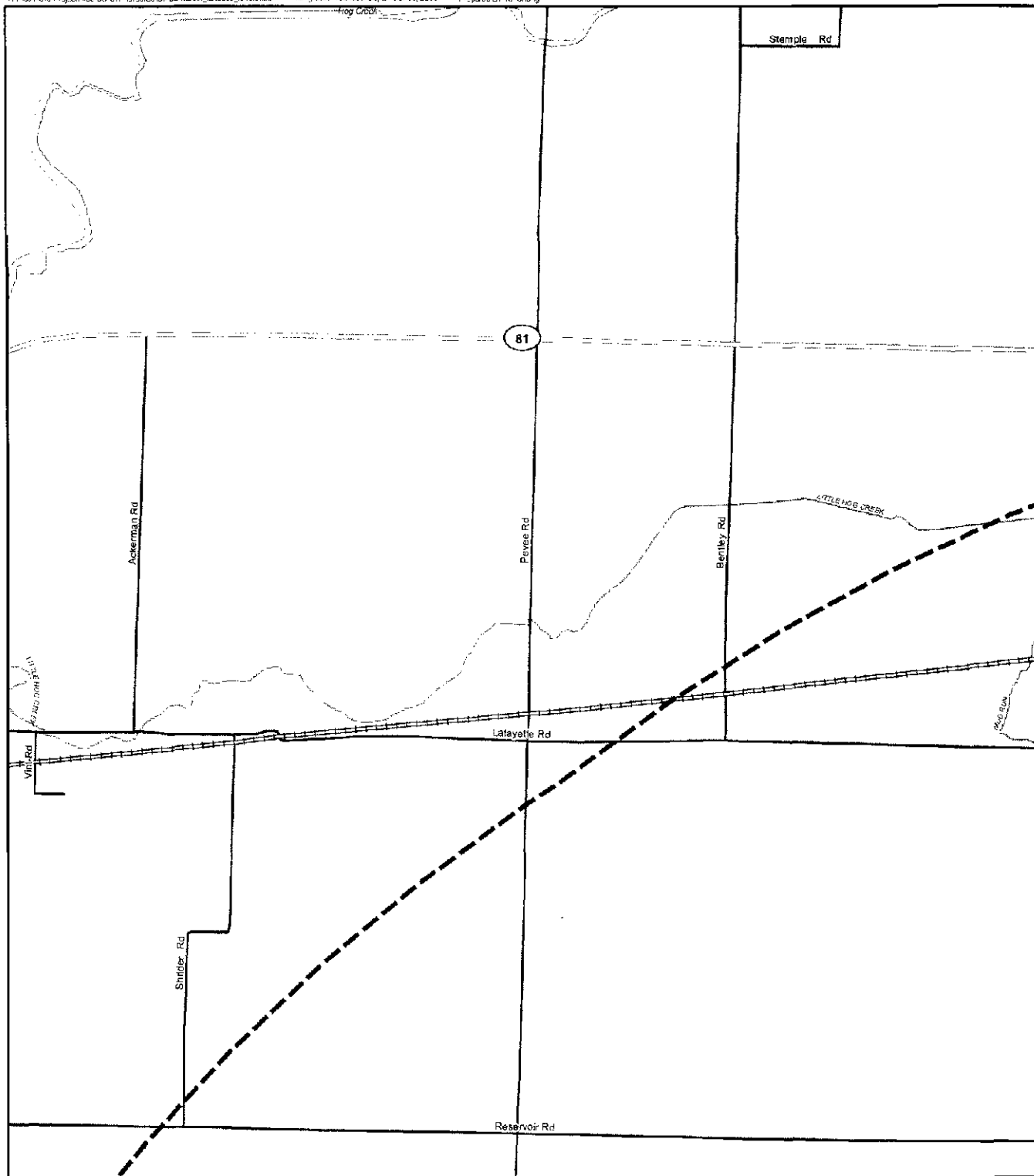
Ecological Impact Map

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

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Legend

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|---|-----------------------------------|--------------------------|--------------------|
| ⊙ Proposed 1.5 XLE Turbine Location | == Railroad | --- County Boundary | □ Exempt |
| — Proposed Access Road | --- River | Land Use Category | ■ Industrial |
| --- Proposed Collection Routing To 345kV Line | ○ Water Body | ■ Agricultural | ■ Public Utilities |
| — Primary Highway | ▨ Educational Institution | ■ Commercial | ■ Residential |
| — Primary Road | ▨ Park | | |
| — Secondary Road | ▨ Study Area Boundary | | |
| — Local Road | ▨ 5-Mile Project Boundary Setback | | |

Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio

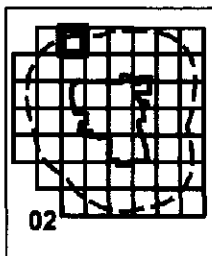
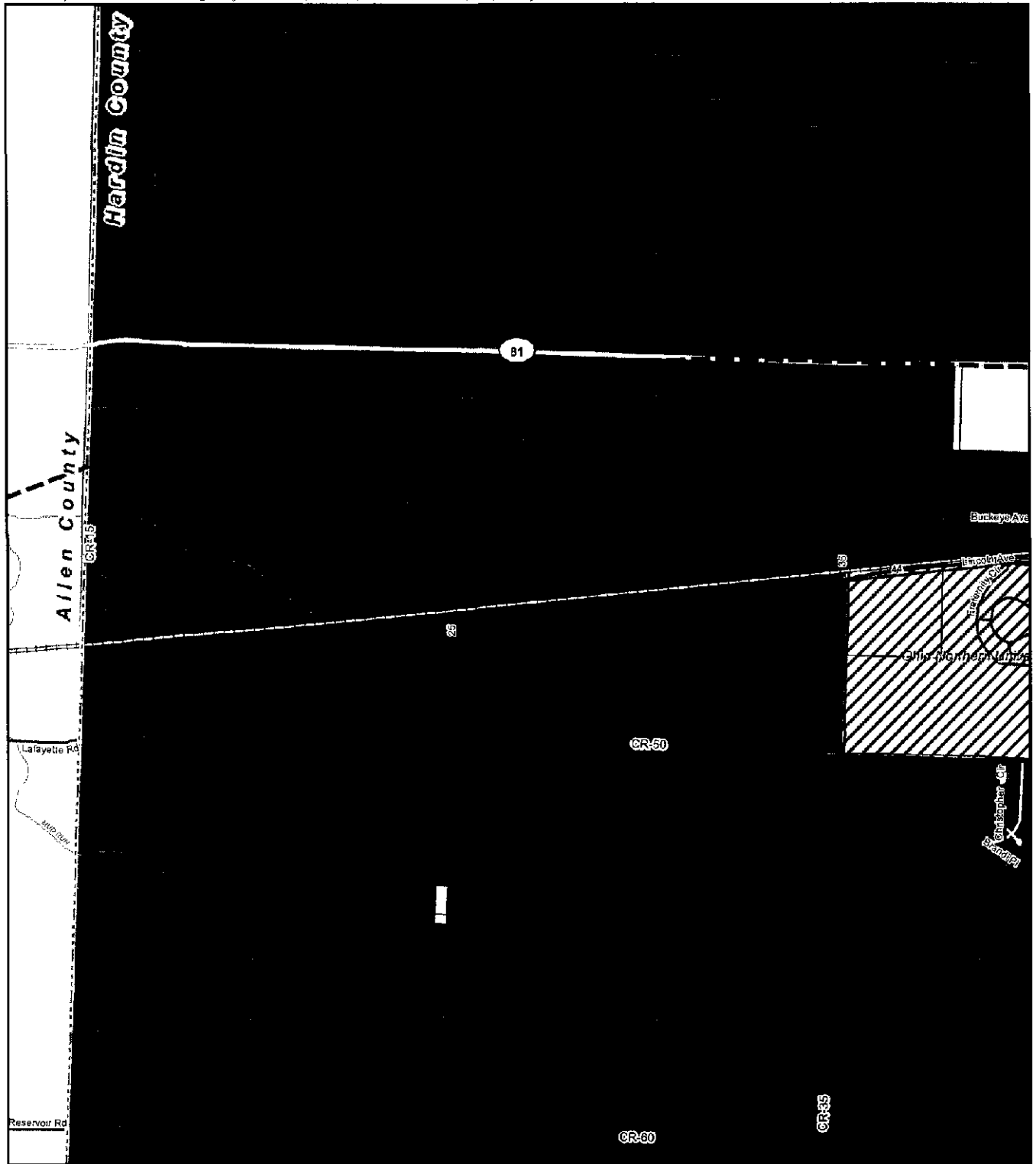
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Land Use Map

Hardin Wind Farm, Hardin County, Ohio

Rev. 01
September 16, 2009

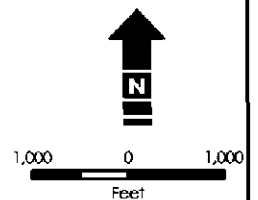




Legend

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| <ul style="list-style-type: none"> ⊗ Proposed 1.5 XLE Turbine Location — Proposed Access Road — Proposed Collection Routing To 345kV Line — Primary Highway — Primary Road — Secondary Road — Local Road | <ul style="list-style-type: none"> — Railroad — River — Water Body ▨ Educational Institution ▨ Park ▨ Study Area Boundary ▨ 5-Mile Project Boundary Setback | <ul style="list-style-type: none"> ▨ County Boundary ▨ Exempt ▨ Land Use Category ▨ Agricultural ▨ Commercial ▨ Industrial ▨ Public Utilities ▨ Residential |
|---|--|---|

Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio



Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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 Proposed 1.5 XLE Turbine Location Railroad
 Proposed Access Road River
 Proposed Collection Routing To 345kV Line Water Body
 Primary Highway Educational Institution
 Primary Road Park
 Secondary Road Study Area Boundary
 Local Road 5-Mile Project Boundary Setback

 County Boundary  Exempt
Land Use Category  Industrial
 Agricultural  Public Utilities
 Commercial  Residential

Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio



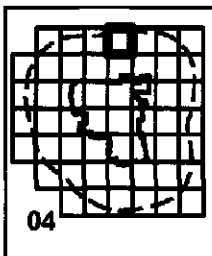
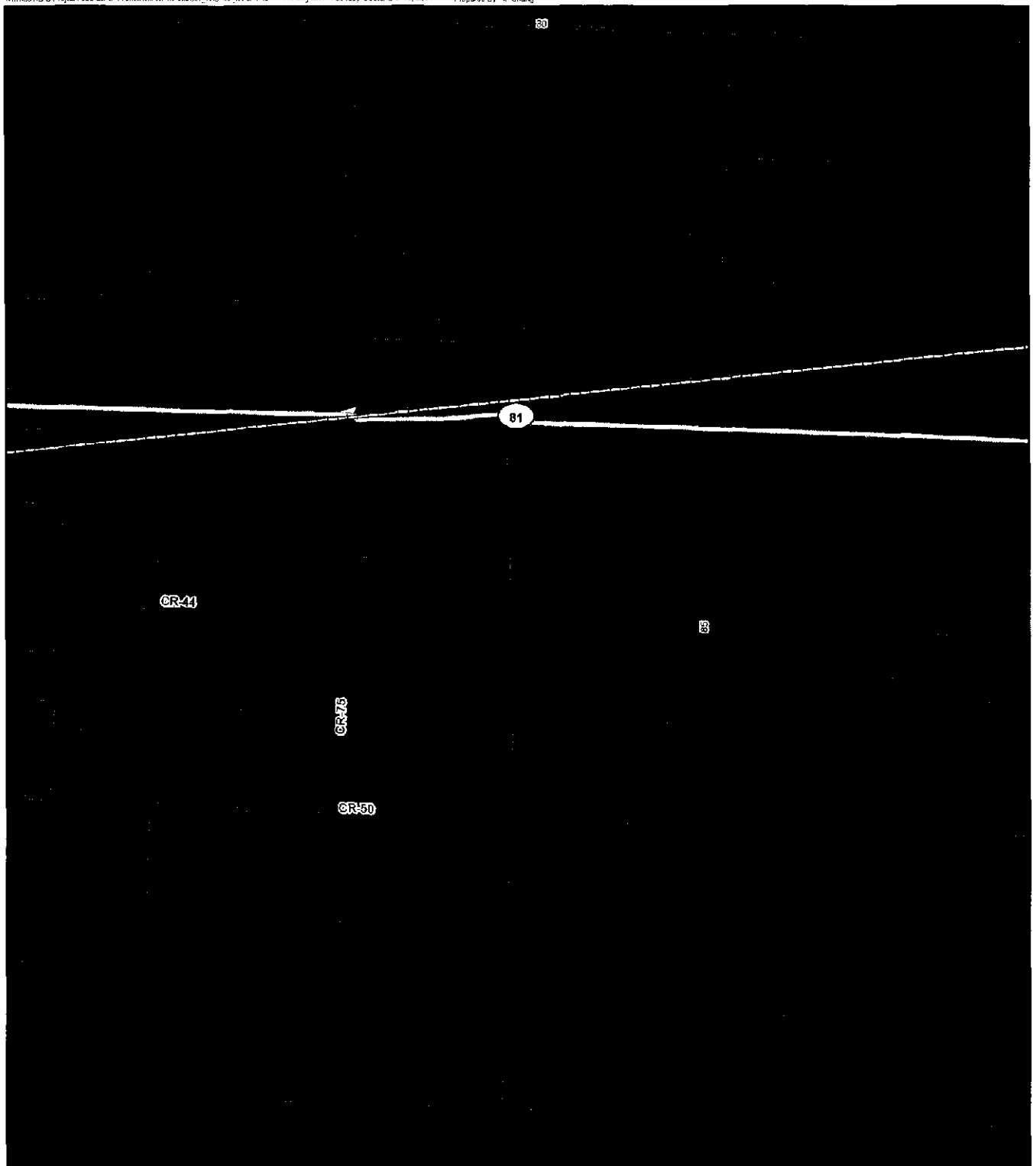
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Hardin Wind Farm, Hardin County, Ohio

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September 16, 2009

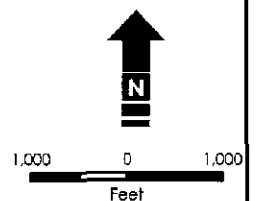




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| ⊙ Proposed 1.5 XLE Turbine Location | == Railroad | --- County Boundary | □ Exempt |
| — Proposed Access Road | --- River | Land Use Category | ■ Industrial |
| — Proposed Collection Routing To 345kV Line | --- Water Body | ■ Agricultural | ■ Public Utilities |
| == Primary Highway | ■ Educational Institution | ■ Commercial | ■ Residential |
| == Primary Road | ■ Park | | |
| == Secondary Road | ■ Study Area Boundary | | |
| — Local Road | ■ 5-Mile Project Boundary Setback | | |

Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio



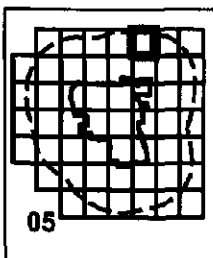
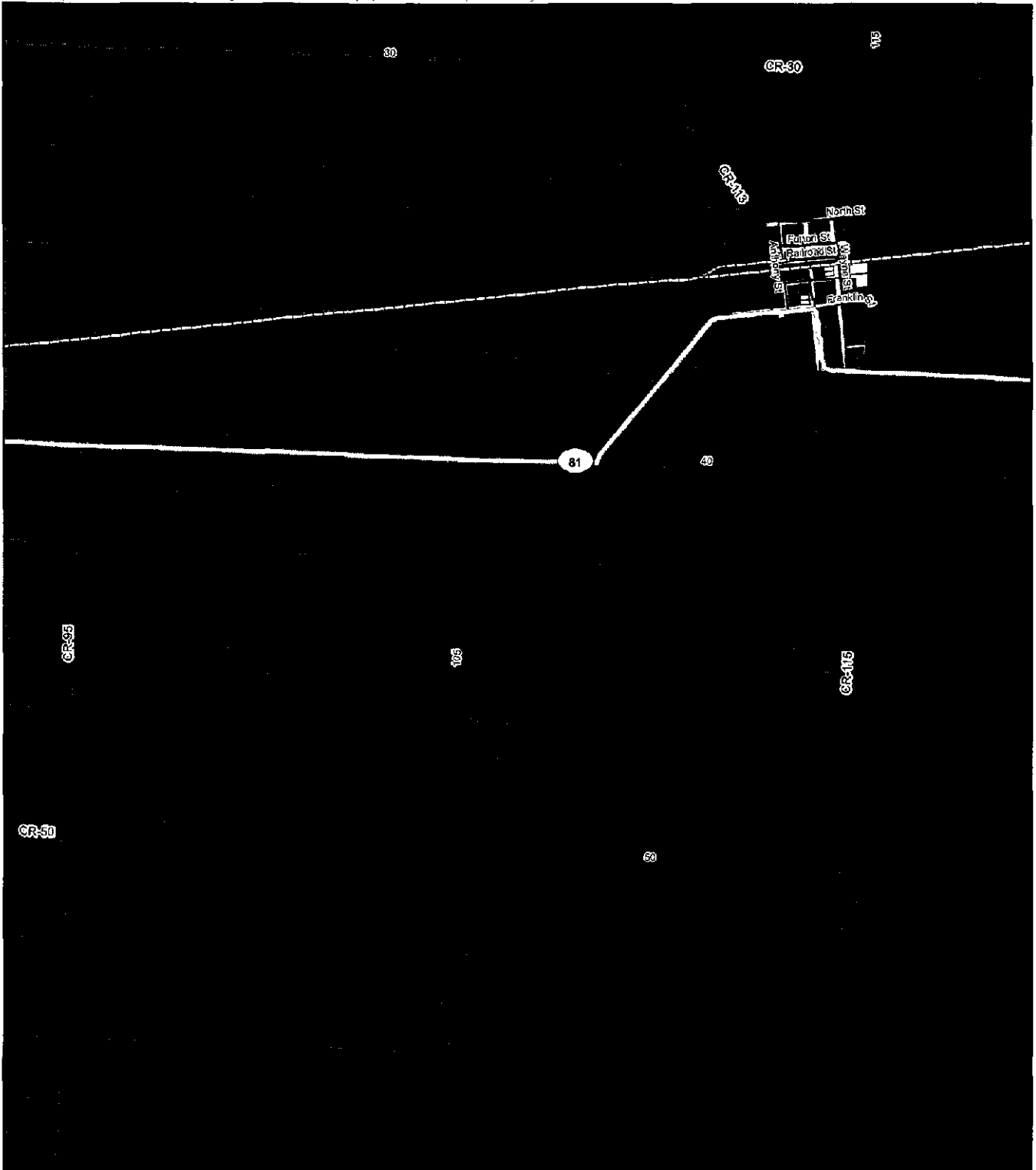
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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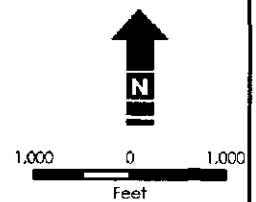




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| <ul style="list-style-type: none"> ⊗ Proposed 1.5 XLE Turbine Location — Proposed Access Road — Proposed Collection Routing To 345kV Line — Primary Highway — Primary Road — Secondary Road — Local Road | <ul style="list-style-type: none"> — Railroad — River — Water Body ▨ Educational Institution ▨ Park ▨ Study Area Boundary ▨ 5-Mile Project Boundary Setback | <ul style="list-style-type: none"> ▨ County Boundary ▨ Exempt <p>Land Use Category</p> <ul style="list-style-type: none"> ▨ Industrial ▨ Agricultural ▨ Commercial ▨ Public Utilities ▨ Residential |
|---|--|---|

Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio



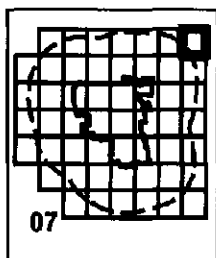
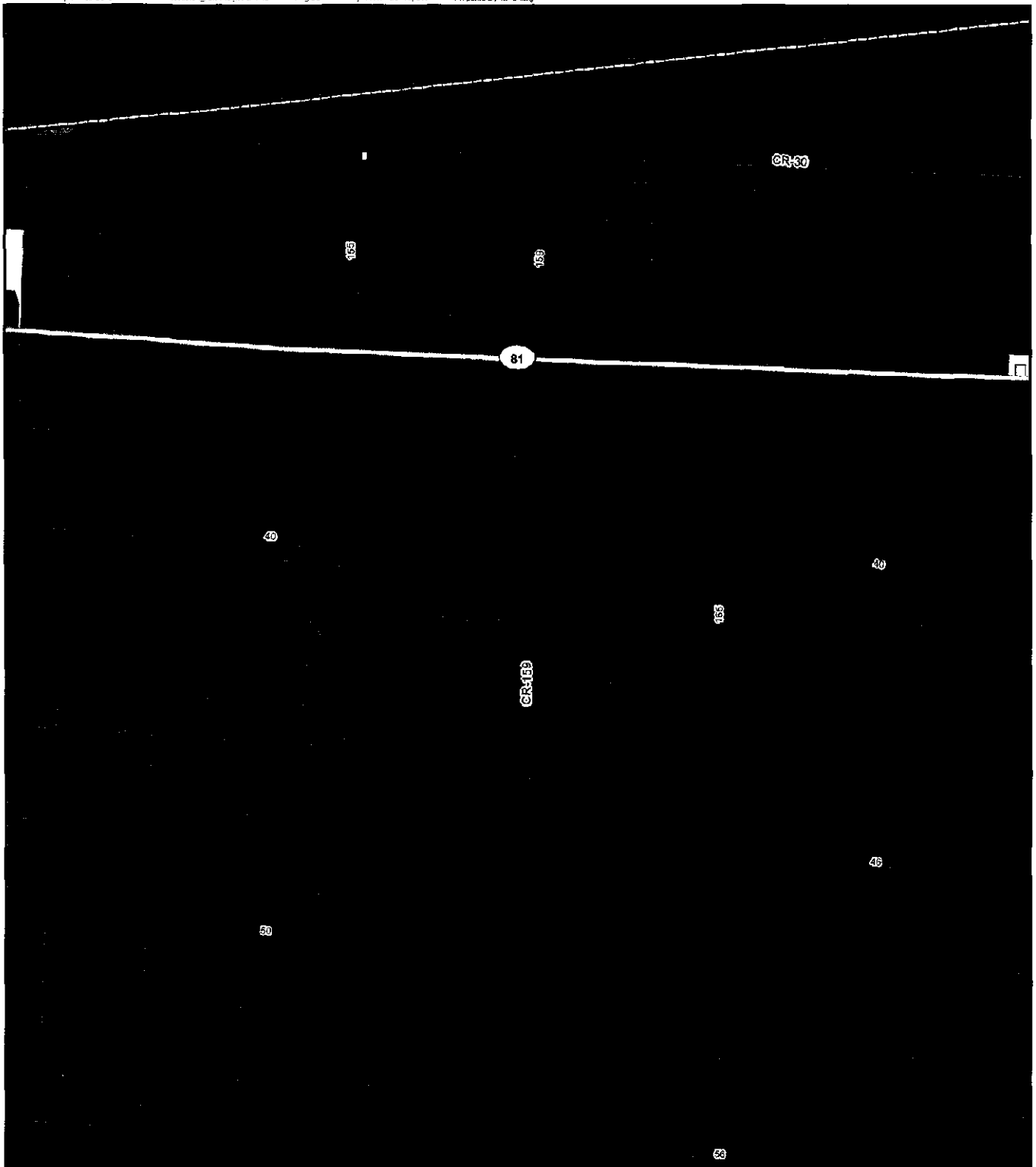
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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Legend Proposed 1.5 XLE Turbine Location Proposed Access Road Proposed Collection Routing To 345kV Line Primary Highway Primary Road Secondary Road Local Road		Railroad River Water Body Educational Institution Park Study Area Boundary 5-Mile Project Boundary Setback	County Boundary Land Use Category Agricultural Commercial Industrial Public Utilities Residential Exempt	N 1,000 0 1,000 Feet Notes: 1. ESRI Data & Maps, 2007 2. Hardin County, State of Ohio
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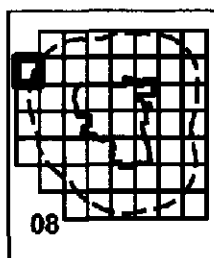
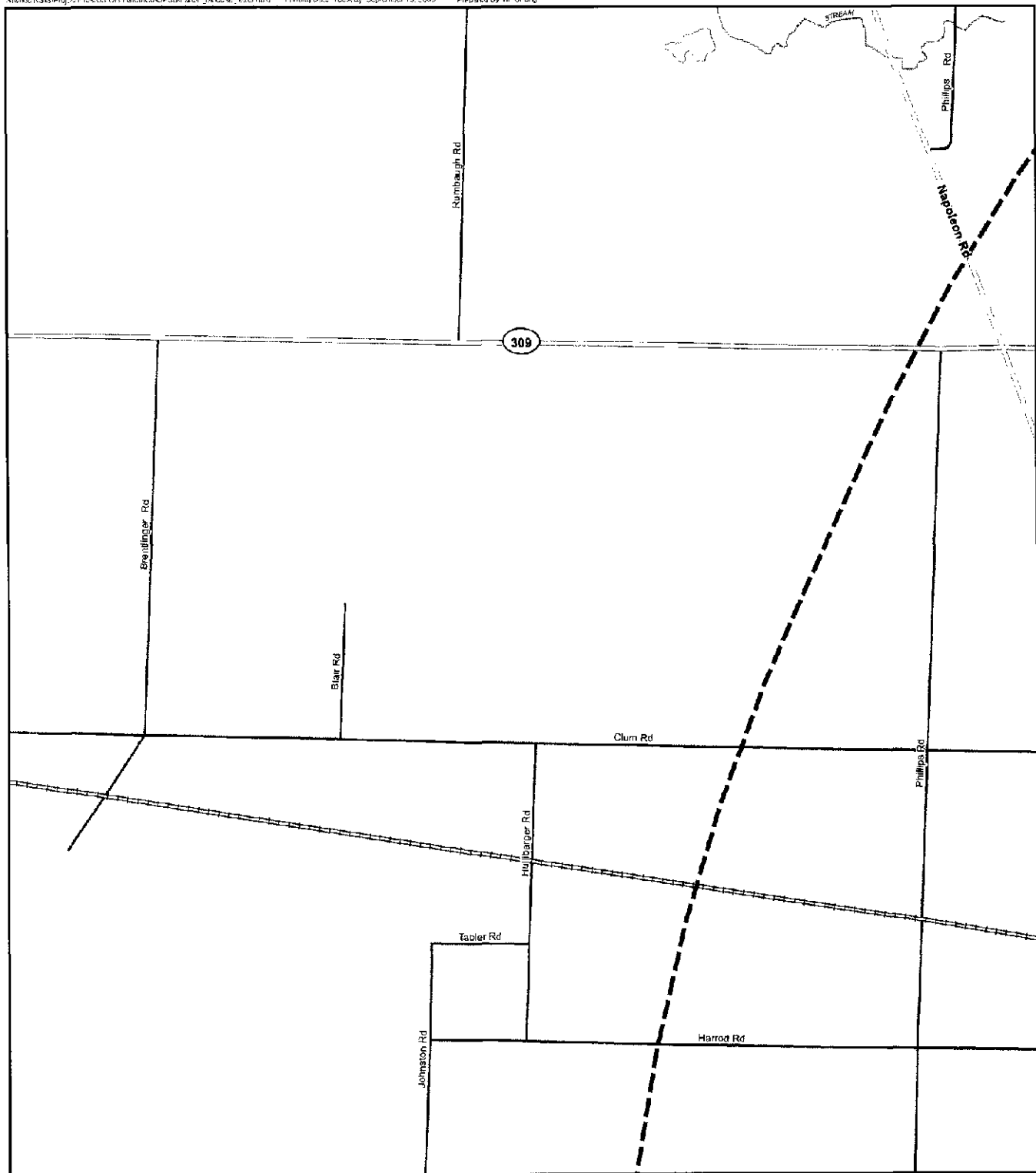
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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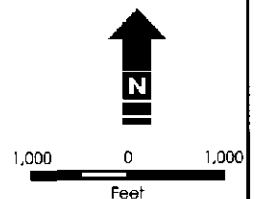




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| <ul style="list-style-type: none"> ⊗ Proposed 1.5 XLE Turbine Location — Proposed Access Road - - - Proposed Collection Routing To 345kV Line == Primary Highway — Primary Road — Secondary Road — Local Road | <ul style="list-style-type: none"> == Railroad — River — Water Body ▨ Educational Institution ▨ Park ▨ Study Area Boundary ▨ 5-Mile Project Boundary Setback | <ul style="list-style-type: none"> ▨ County Boundary ▨ Exempt <p>Land Use Category</p> <ul style="list-style-type: none"> ▨ Agricultural ▨ Commercial ▨ Industrial ▨ Public Utilities ▨ Residential |
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Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio



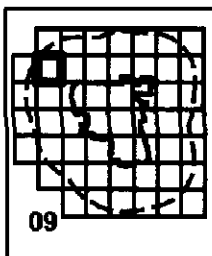
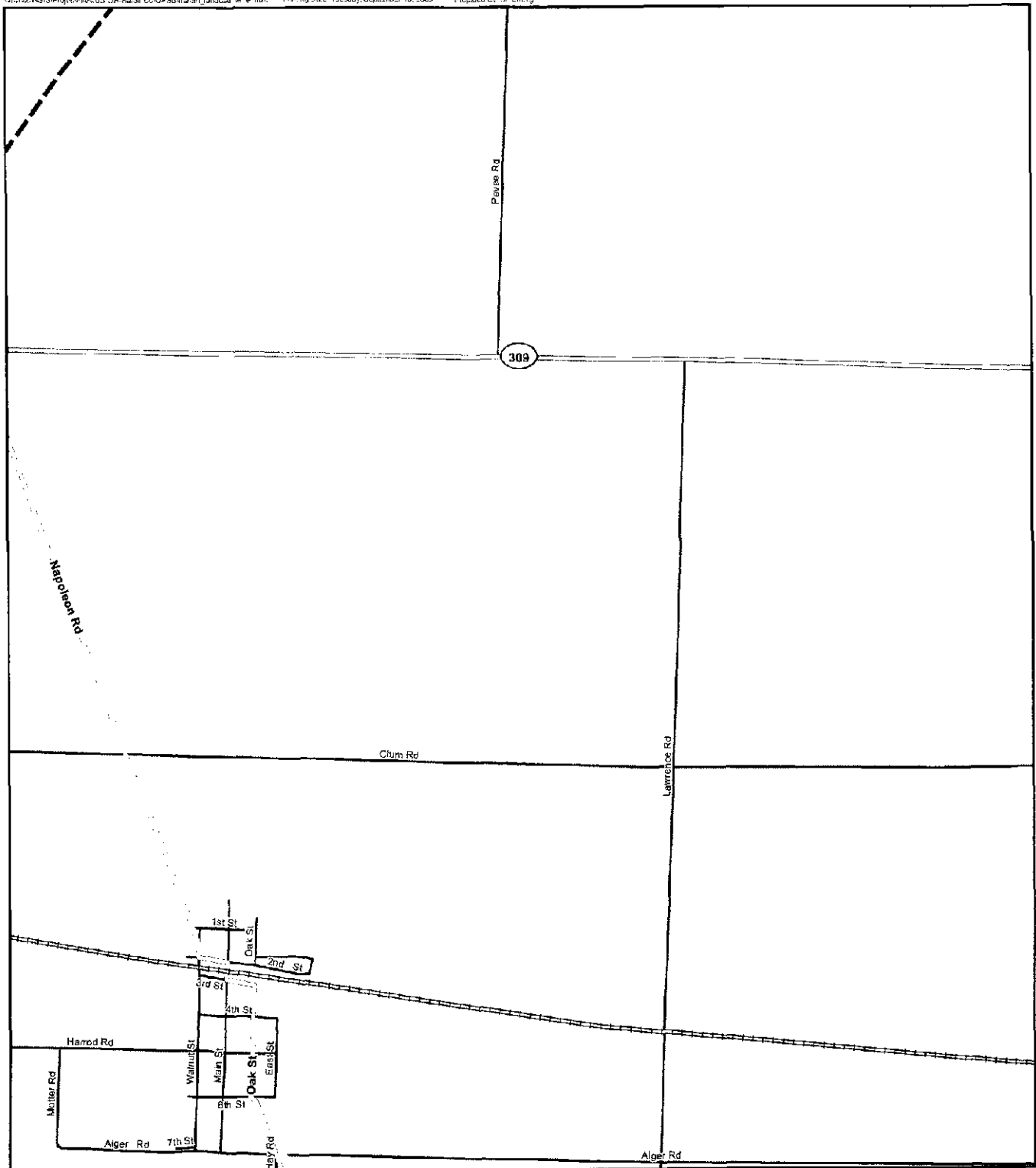
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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| <ul style="list-style-type: none"> ⊙ Proposed 1.5 XLE Turbine Location — Proposed Access Road — Proposed Collection Routing To 345kV Line — Primary Highway — Primary Road — Secondary Road — Local Road | <ul style="list-style-type: none"> — Railroad — River — Water Body — Educational Institution — Park — Study Area Boundary — 5-Mile Project Boundary Setback | <ul style="list-style-type: none"> — County Boundary — Exempt — Industrial — Agricultural — Commercial — Residential — Public Utilities |
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Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio

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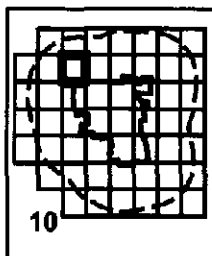
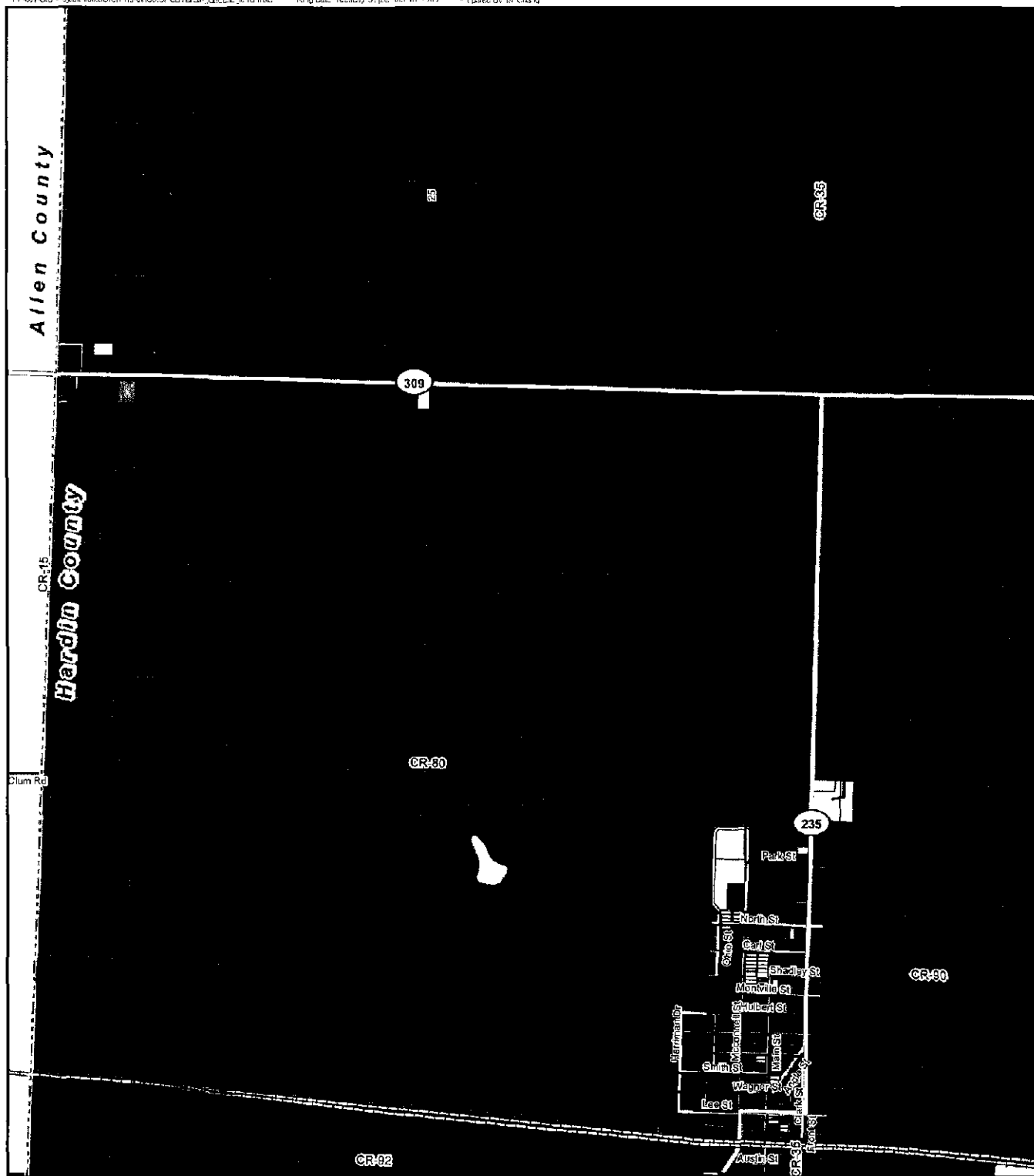
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

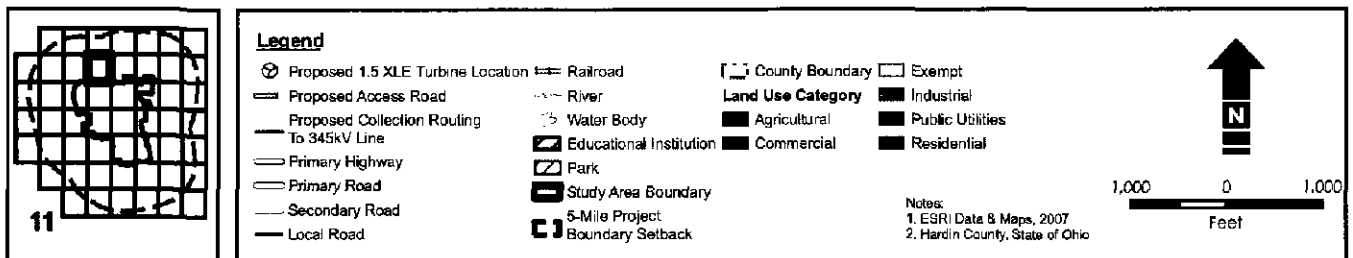
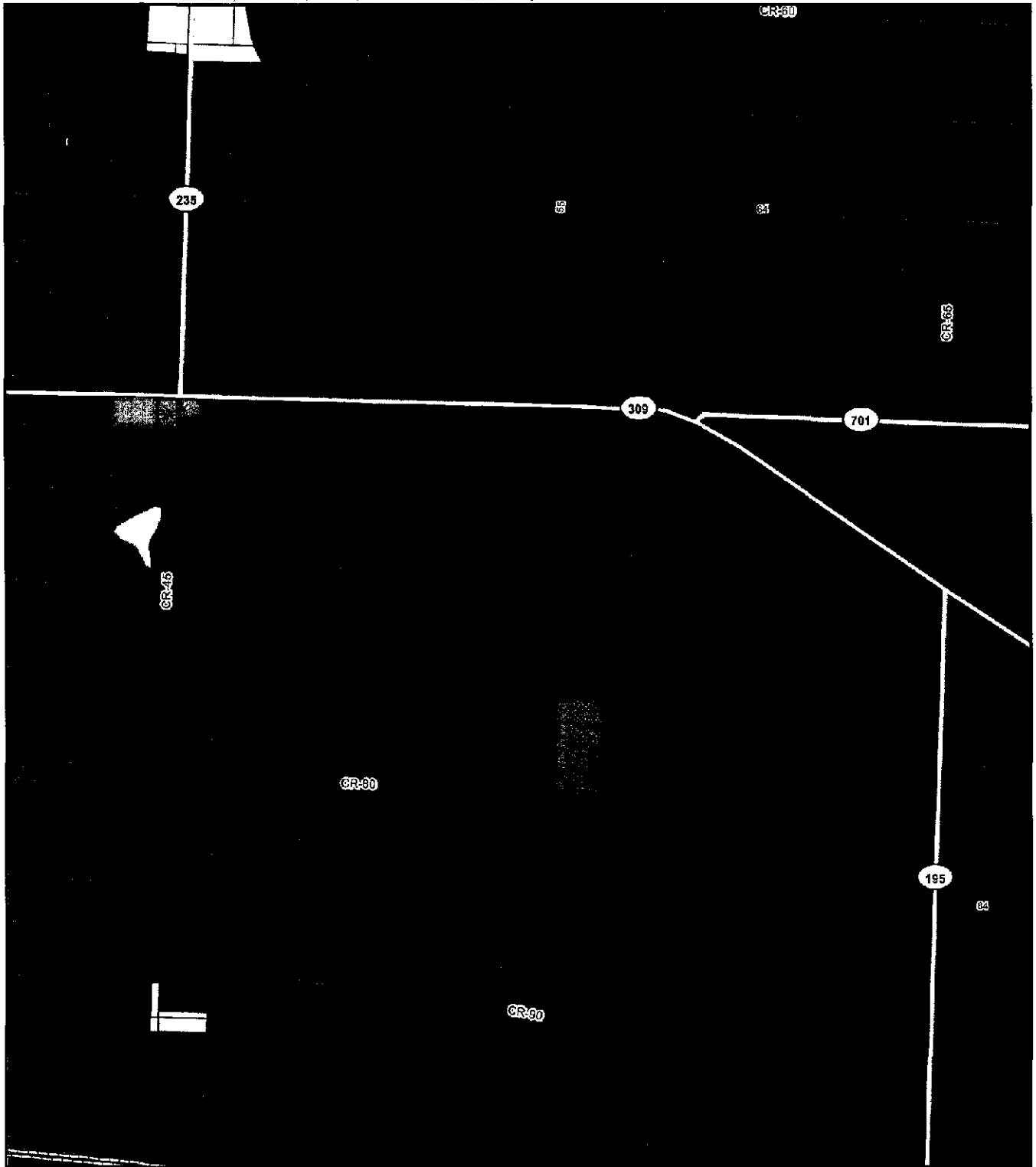




Legend		
- Proposed 1.5 XLE Turbine Location - Proposed Access Road - Proposed Collection Routing To 345kV Line - Primary Highway - Primary Road - Secondary Road - Local Road	- Railroad - River - Water Body - Educational Institution - Park - Study Area Boundary 5-Mile Project Boundary Setback	- County Boundary - Exempt - Industrial - Agricultural - Commercial - Public Utilities - Residential

Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio





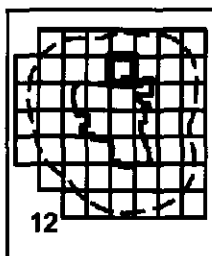
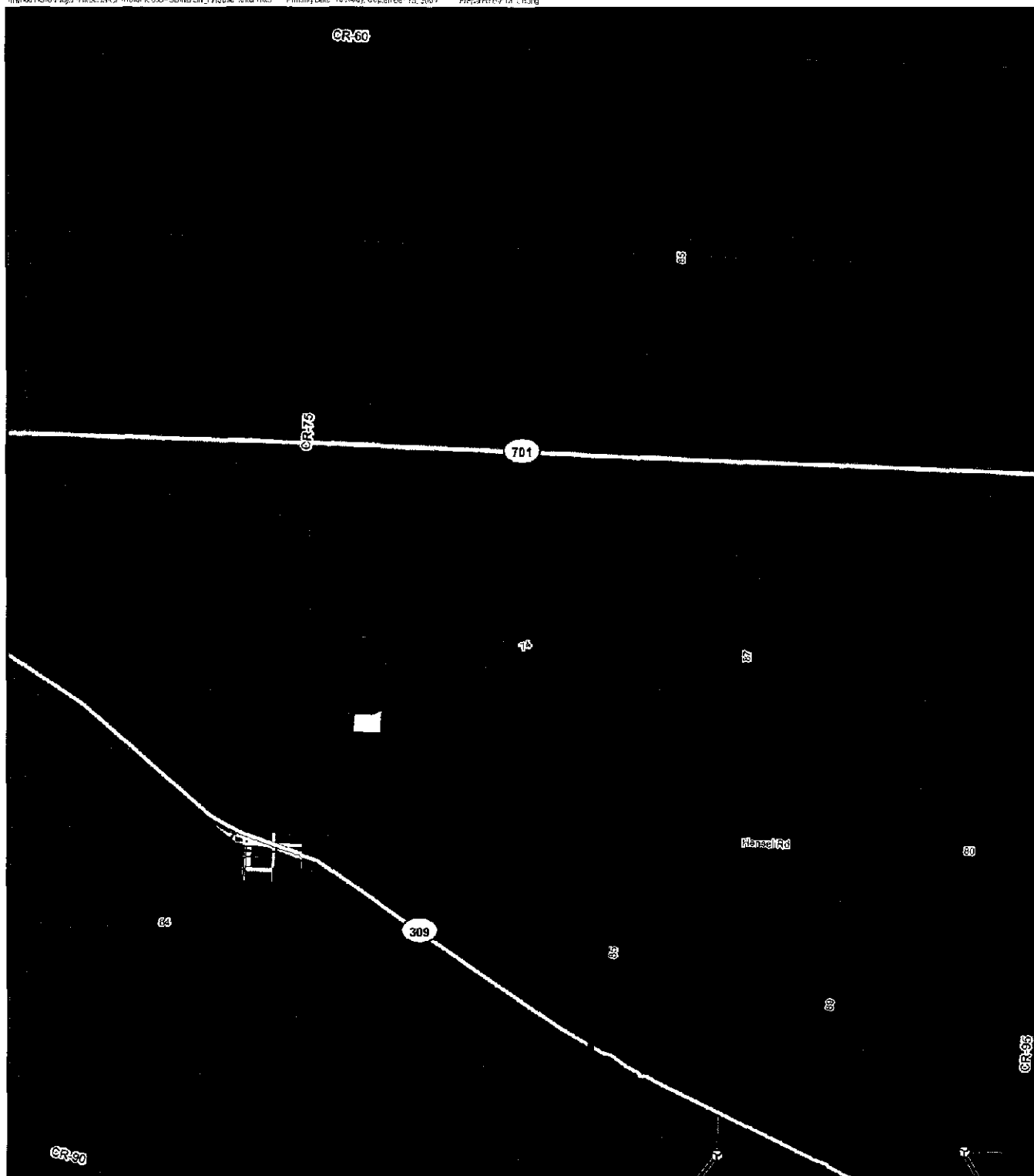
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

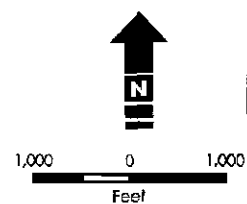
September 16, 2009





Legend

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| ○ Proposed 1.5 XLE Turbine Location | == Railroad | [] County Boundary | [] Exempt |
| — Proposed Access Road | ~ River | Land Use Category | ■ Industrial |
| — Proposed Collection Routing To 345kV Line | ○ Water Body | ■ Agricultural | ■ Public Utilities |
| — Primary Highway | ▨ Educational Institution | ■ Commercial | ■ Residential |
| — Primary Road | ▨ Park | | |
| — Secondary Road | ▨ Study Area Boundary | | |
| — Local Road | ▨ 5-Mile Project Boundary Setback | | |



Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio

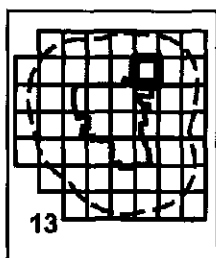
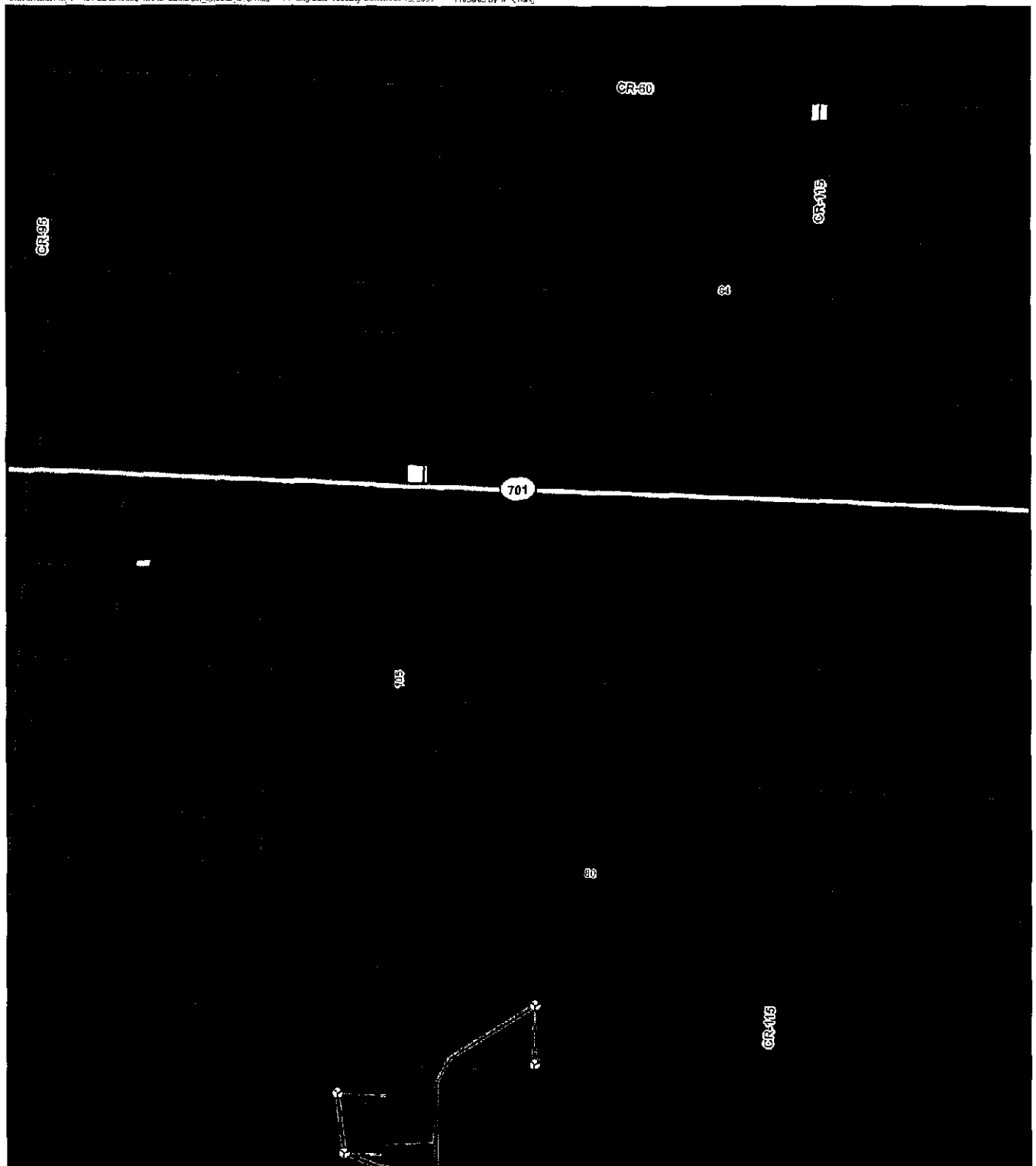
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

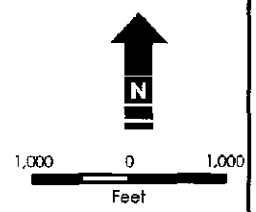
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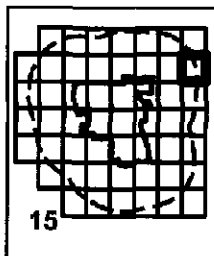
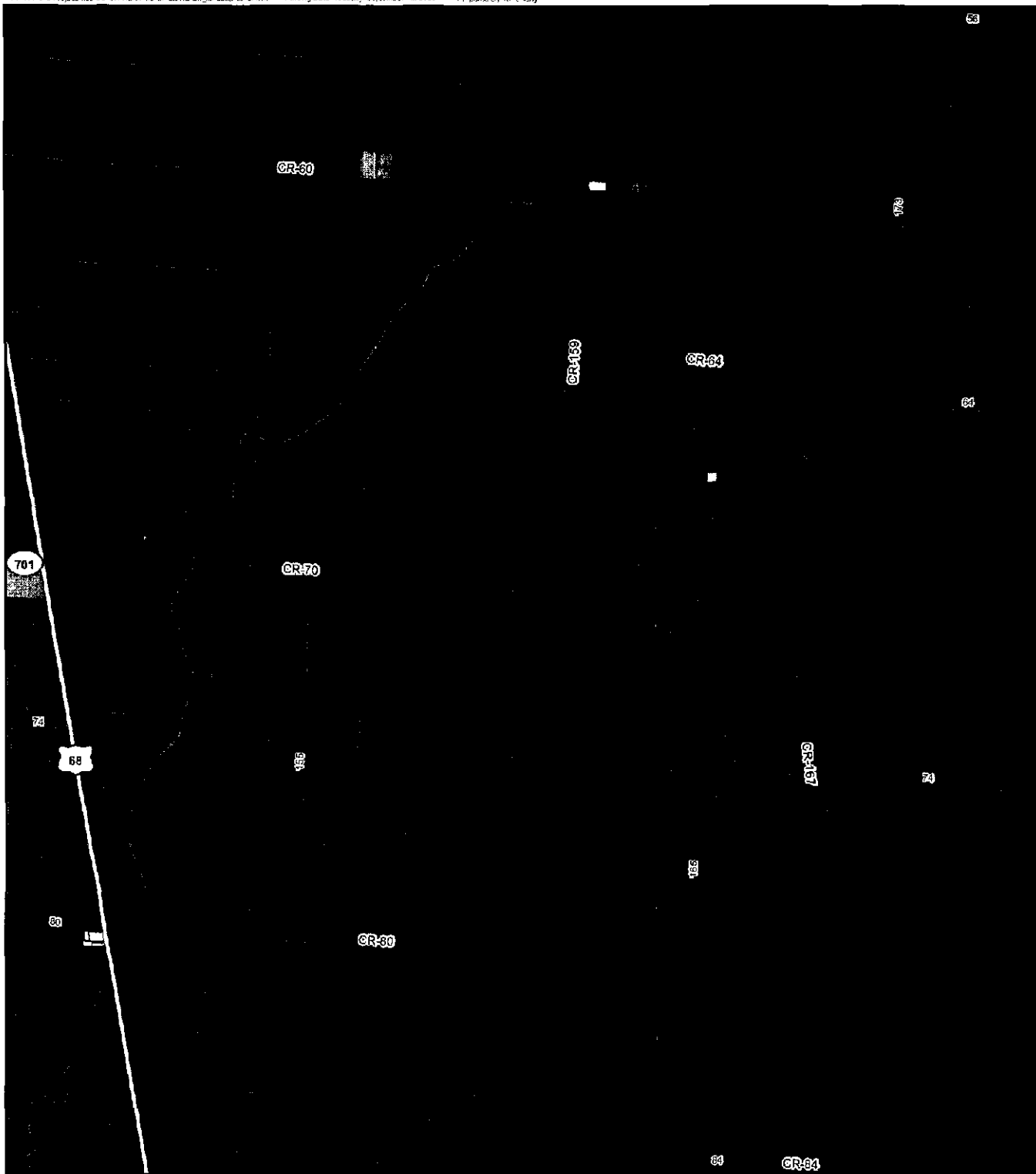
September 16, 2009





Legend ⊙ Proposed 1.5 XLE Turbine Location — Proposed Access Road — Proposed Collection Routing To 345kV Line — Primary Highway — Primary Road — Secondary Road — Local Road		= Railroad — River — Water Body Educational Institution Park Study Area Boundary 5-Mile Project Boundary Setback	— County Boundary Land Use Category Agricultural Commercial Industrial Public Utilities Residential	Exempt Notes: 1. ESRI Data & Maps, 2007 2. Hardin County, State of Ohio
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Legend

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| Proposed 1.5 XLE Turbine Location | Railroad | County Boundary | Exempt |
| Proposed Access Road | River | Land Use Category | Industrial |
| Proposed Collection Routing To 345KV Line | Water Body | Agricultural | Public Utilities |
| Primary Highway | Educational Institution | Commercial | Residential |
| Primary Road | Park | | |
| Secondary Road | Study Area Boundary | | |
| Local Road | 5-Mile Project Boundary Setback | | |

Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio

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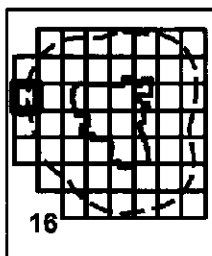
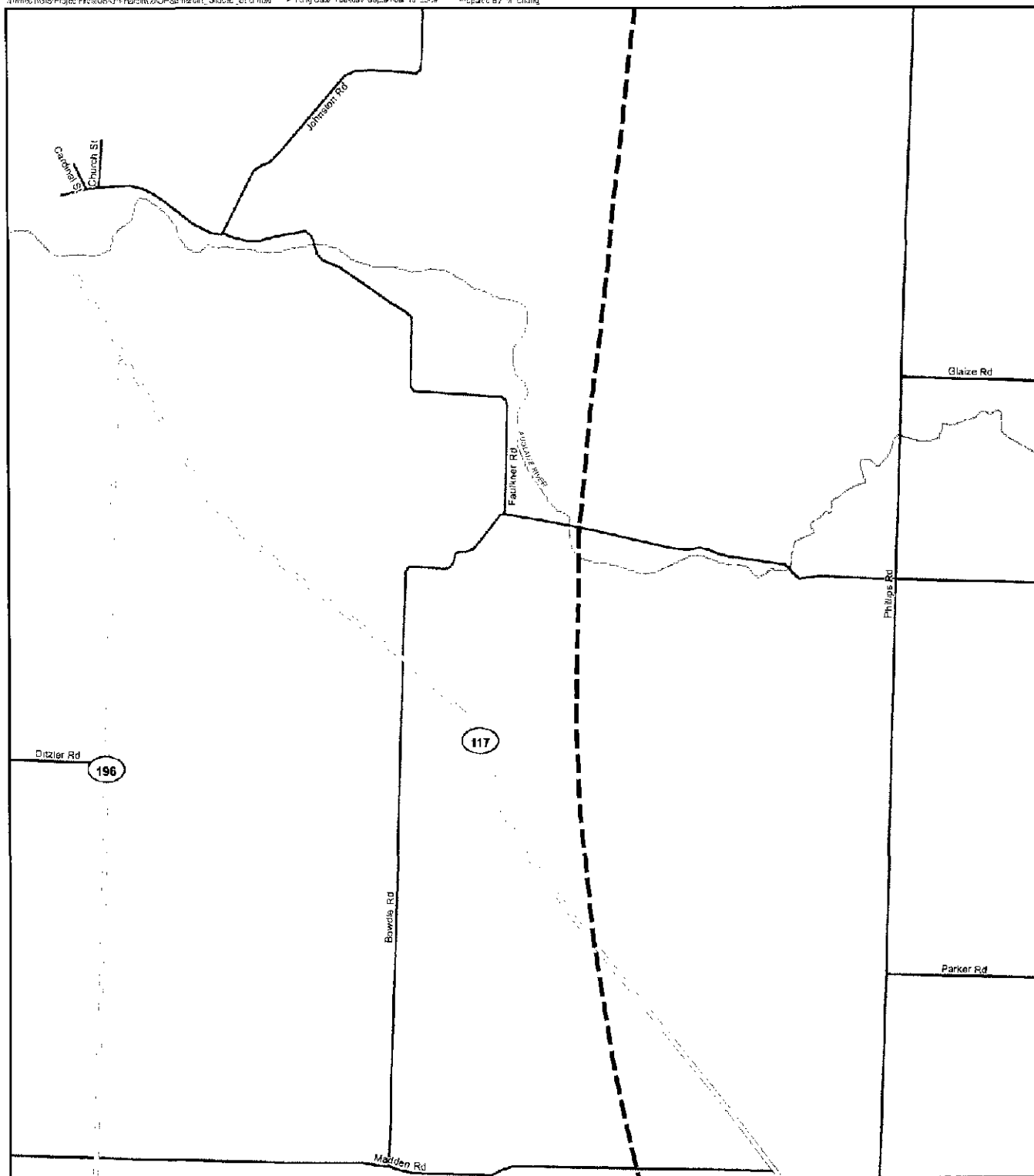
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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| <ul style="list-style-type: none"> Proposed 1.5 XLE Turbine Location Proposed Access Road Proposed Collection Routing To 345kV Line Primary Highway Primary Road Secondary Road Local Road | <ul style="list-style-type: none"> Railroad River Water Body Educational Institution Park Study Area Boundary 5-Mile Project Boundary Setback | <ul style="list-style-type: none"> County Boundary Exempt Industrial Agricultural Commercial Public Utilities Residential |
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Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio

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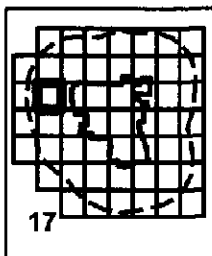
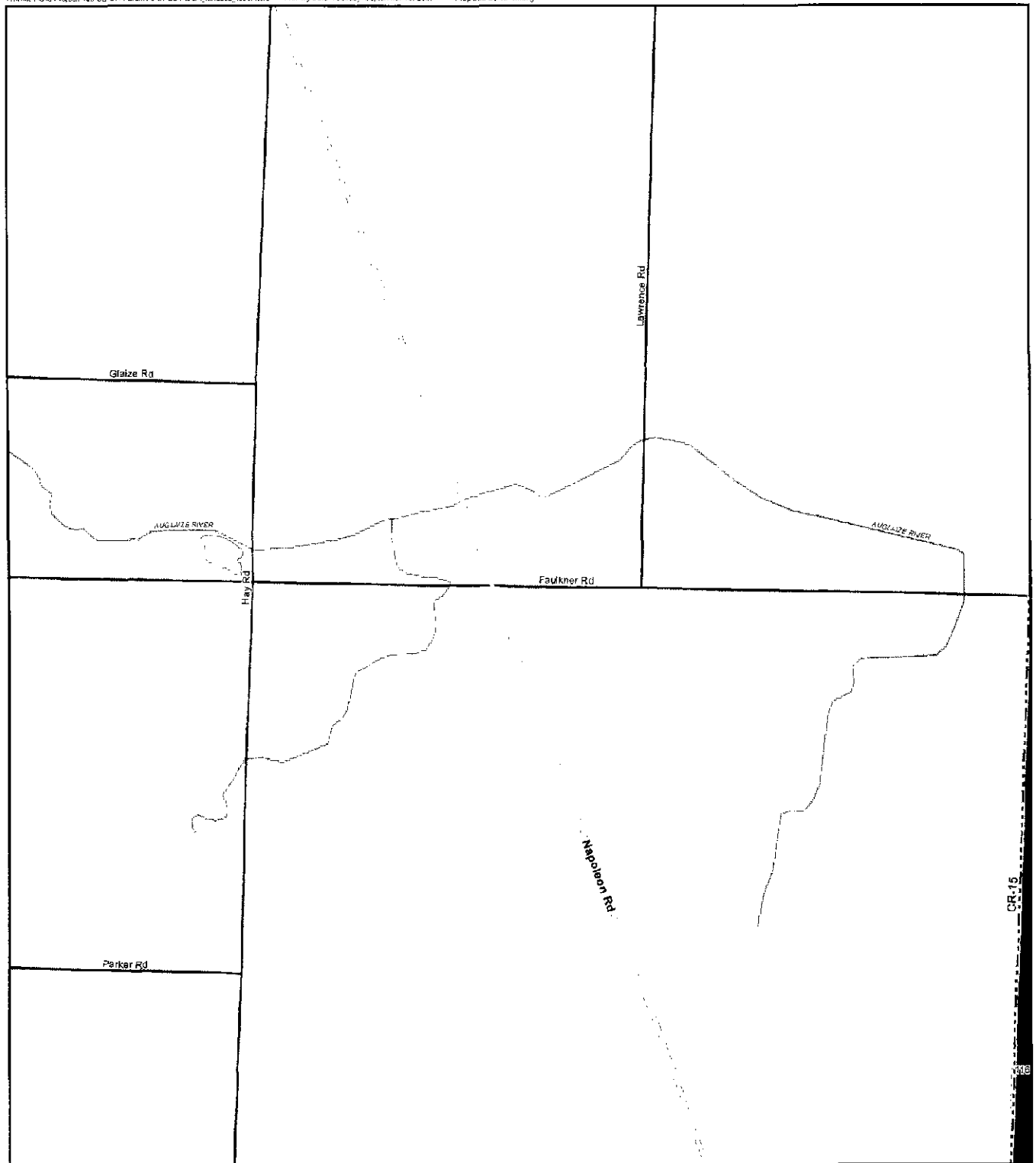
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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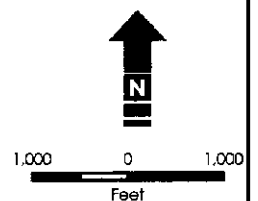




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| <ul style="list-style-type: none"> Proposed 1.5 XLE Turbine Location Proposed Access Road Proposed Collection Routing To 345kV Line Primary Highway Primary Road Secondary Road Local Road | <ul style="list-style-type: none"> Railroad River Water Body Educational Institution Park Study Area Boundary 5-Mile Project Boundary Setback | <ul style="list-style-type: none"> County Boundary Exempt <p>Land Use Category</p> <ul style="list-style-type: none"> Industrial Agricultural Commercial Public Utilities Residential |
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Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio



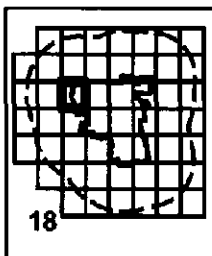
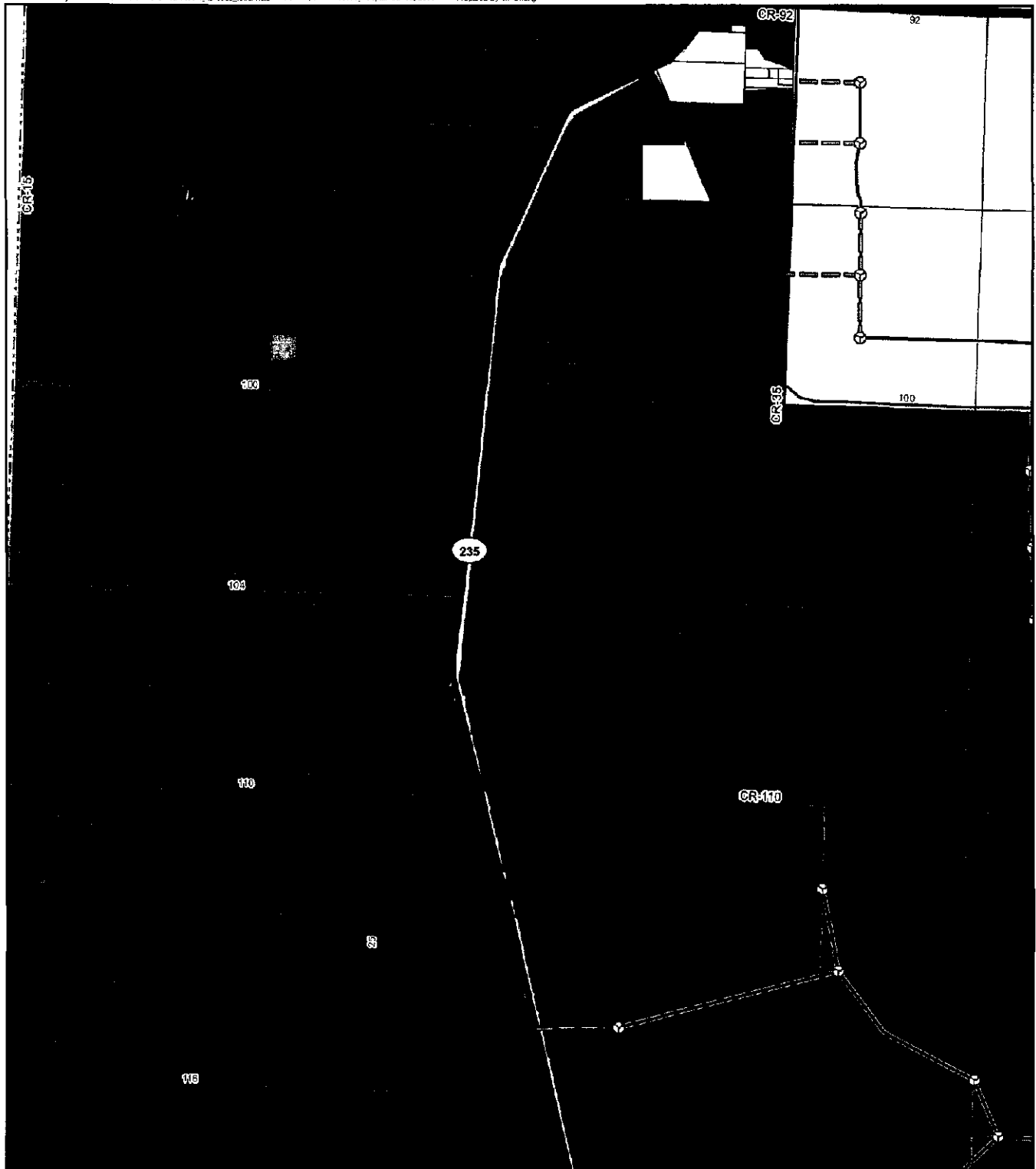
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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Legend - Proposed 1.5 XLE Turbine Location - Proposed Access Road - Proposed Collection Routing To 345KV Line - Primary Highway - Primary Road - Secondary Road - Local Road		- Railroad - River - Water Body - Educational Institution - Park - Study Area Boundary 5-Mile Project Boundary Setback	- County Boundary - Exempt - Industrial - Agricultural - Commercial - Public Utilities - Residential
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Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio

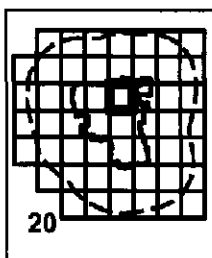
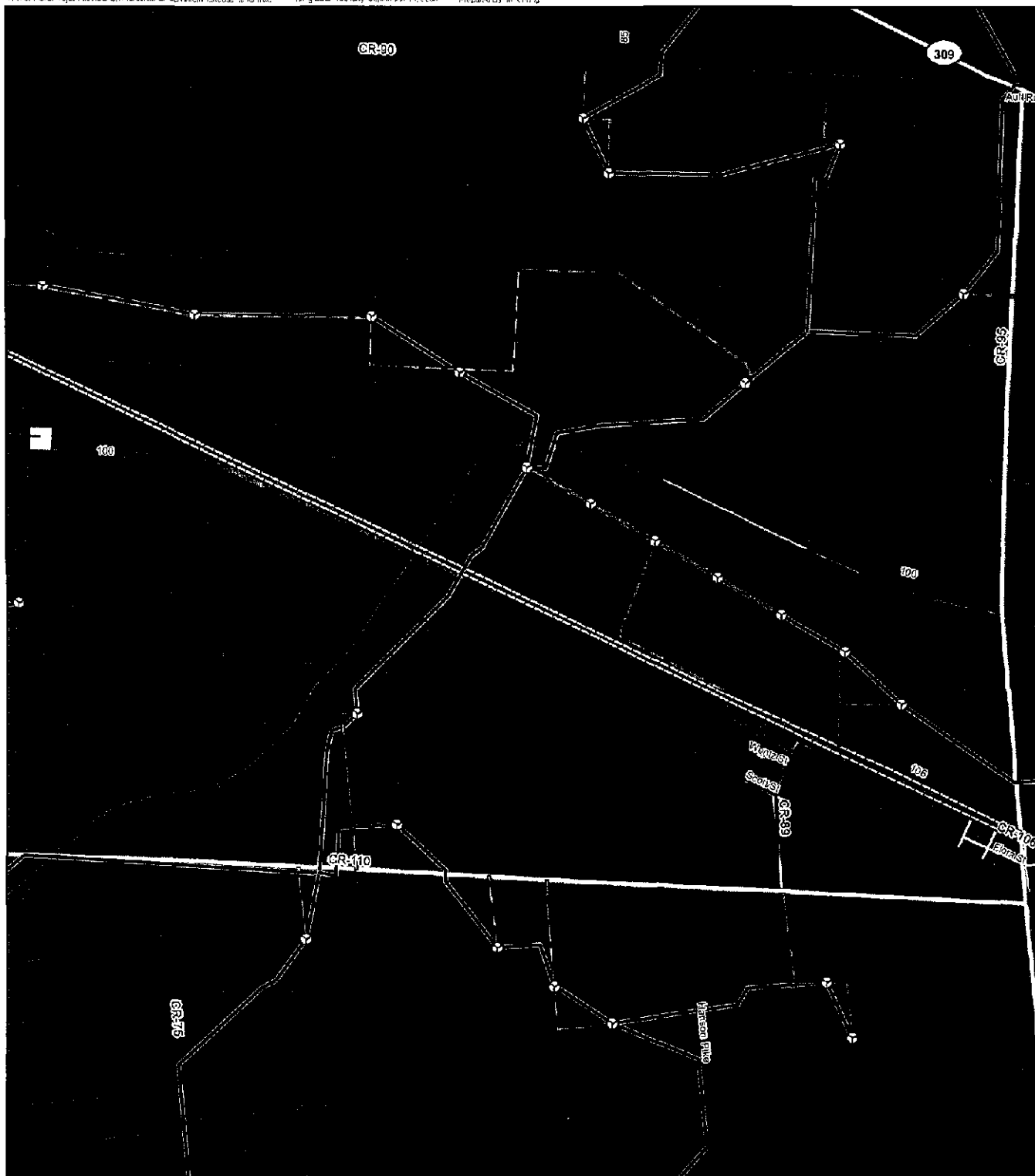
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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Legend

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| Proposed 1.5 XLE Turbine Location | Railroad | County Boundary | Exempt |
| Proposed Access Road | River | Land Use Category | Industrial |
| Proposed Collection Routing To 345kV Line | Water Body | Agricultural | Public Utilities |
| Primary Highway | Educational Institution | Commercial | Residential |
| Primary Road | Park | | |
| Secondary Road | Study Area Boundary | | |
| Local Road | 5-Mile Project Boundary Setback | | |
- Notes:
1. ESRI Data & Maps
2. Hardin County, TN

Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio

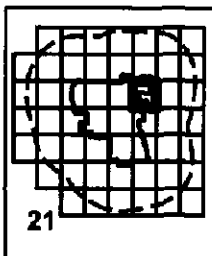
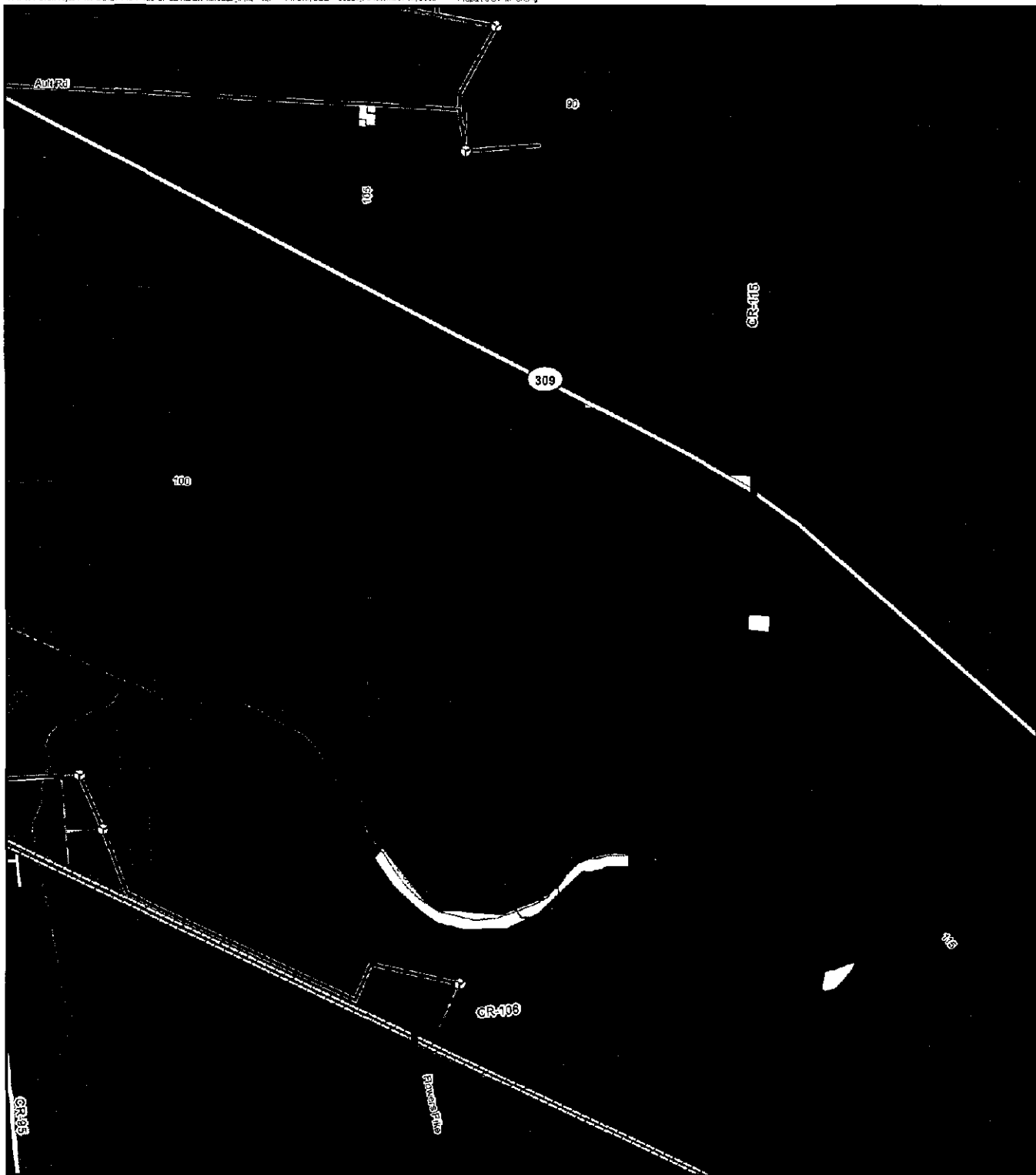
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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September 16, 2009

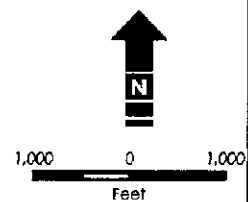




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| <ul style="list-style-type: none"> ○ Proposed 1.5 XLE Turbine Location — Proposed Access Road — Proposed Collection Routing To 345kV Line — Primary Highway — Primary Road — Secondary Road — Local Road | <ul style="list-style-type: none"> — Railroad — River ○ Water Body ▨ Educational Institution ▨ Park ▨ Study Area Boundary ▨ 5-Mile Project Boundary Setback | <ul style="list-style-type: none"> ▨ County Boundary ▨ Exempt ▨ Industrial ▨ Agricultural ▨ Commercial ▨ Public Utilities ▨ Residential |
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Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio



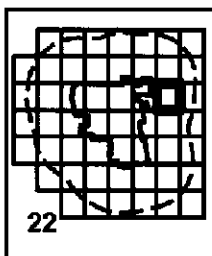
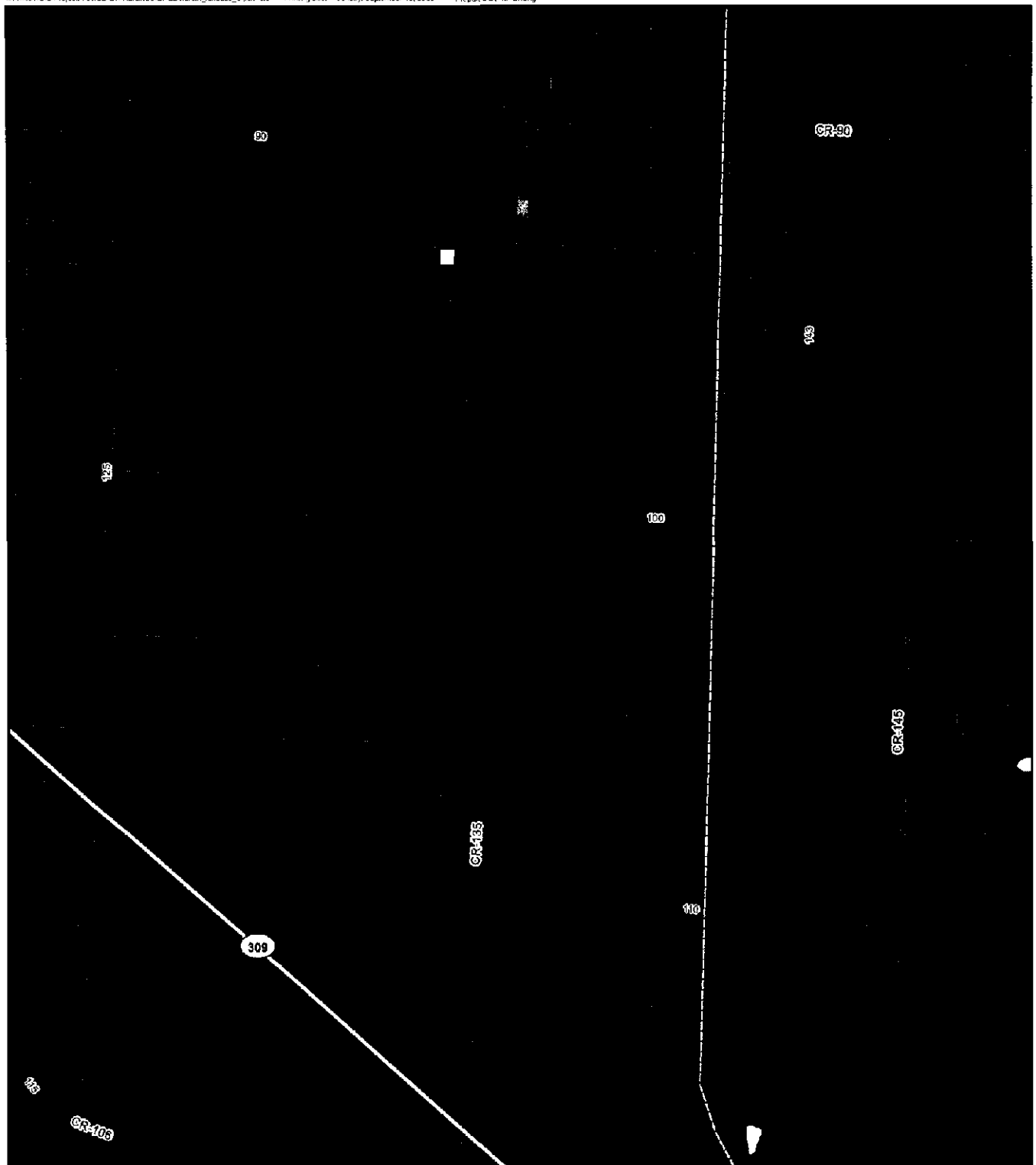
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

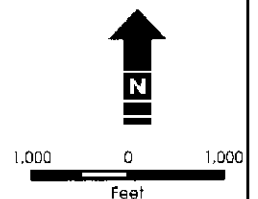
September 16, 2009





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| Proposed 1.5 XLE Turbine Location | Railroad | County Boundary | Exempt |
| Proposed Access Road | River | Industrial | Public Utilities |
| Proposed Collection Routing To 345kV Line | Water Body | Agricultural | Residential |
| Primary Highway | Educational Institution | Commercial | |
| Primary Road | Park | | |
| Secondary Road | Study Area Boundary | | |
| Local Road | 5-Mile Project Boundary Setback | | |



Notes:
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2. Hardin County, State of Ohio

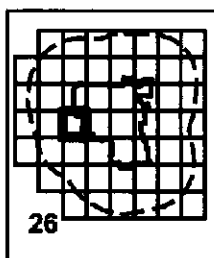
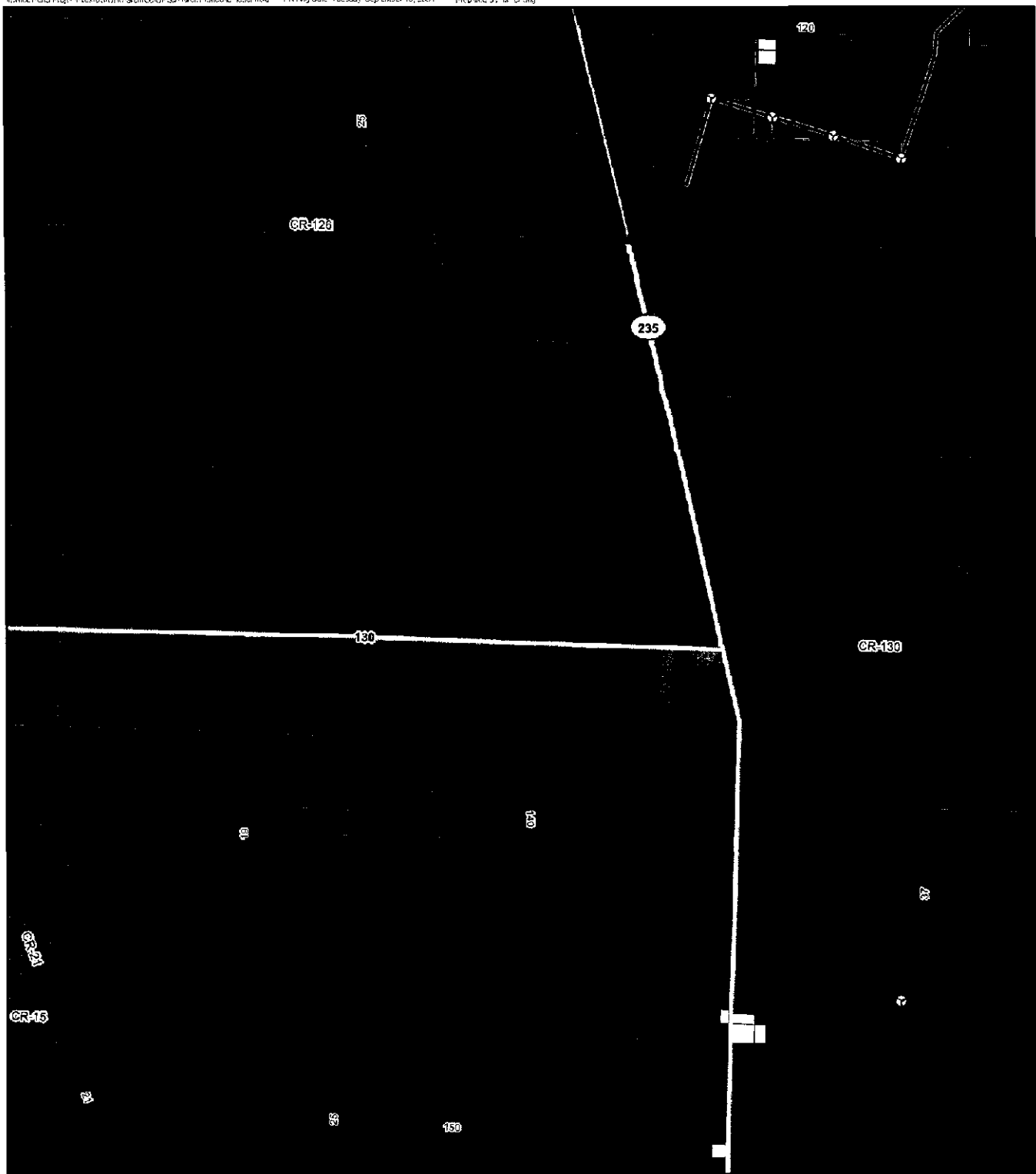
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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Legend Proposed 1.5 XLE Turbine Location Proposed Access Road Proposed Collection Routing To 345kV Line Primary Highway Primary Road Secondary Road Local Road		Railroad River Water Body Educational Institution Park Study Area Boundary 5-Mile Project Boundary Setback	County Boundary Land Use Category Industrial Agricultural Commercial Exempt Public Utilities Residential
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Notes:
 1. ESRI Data & Maps, 2007
 2. Hardin County, State of Ohio

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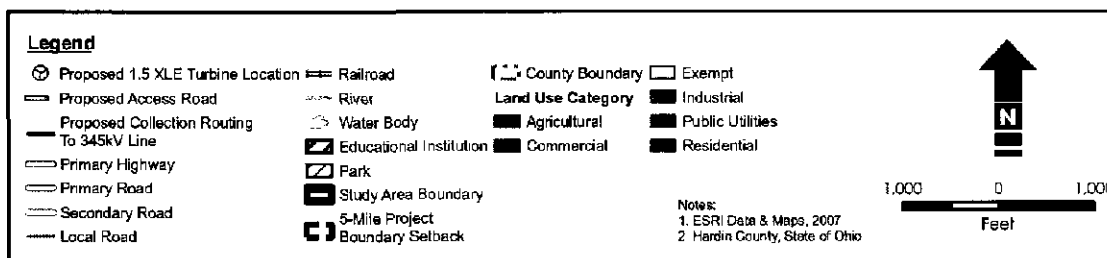
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

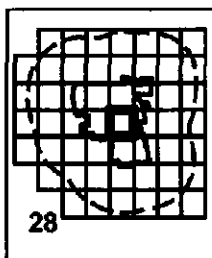
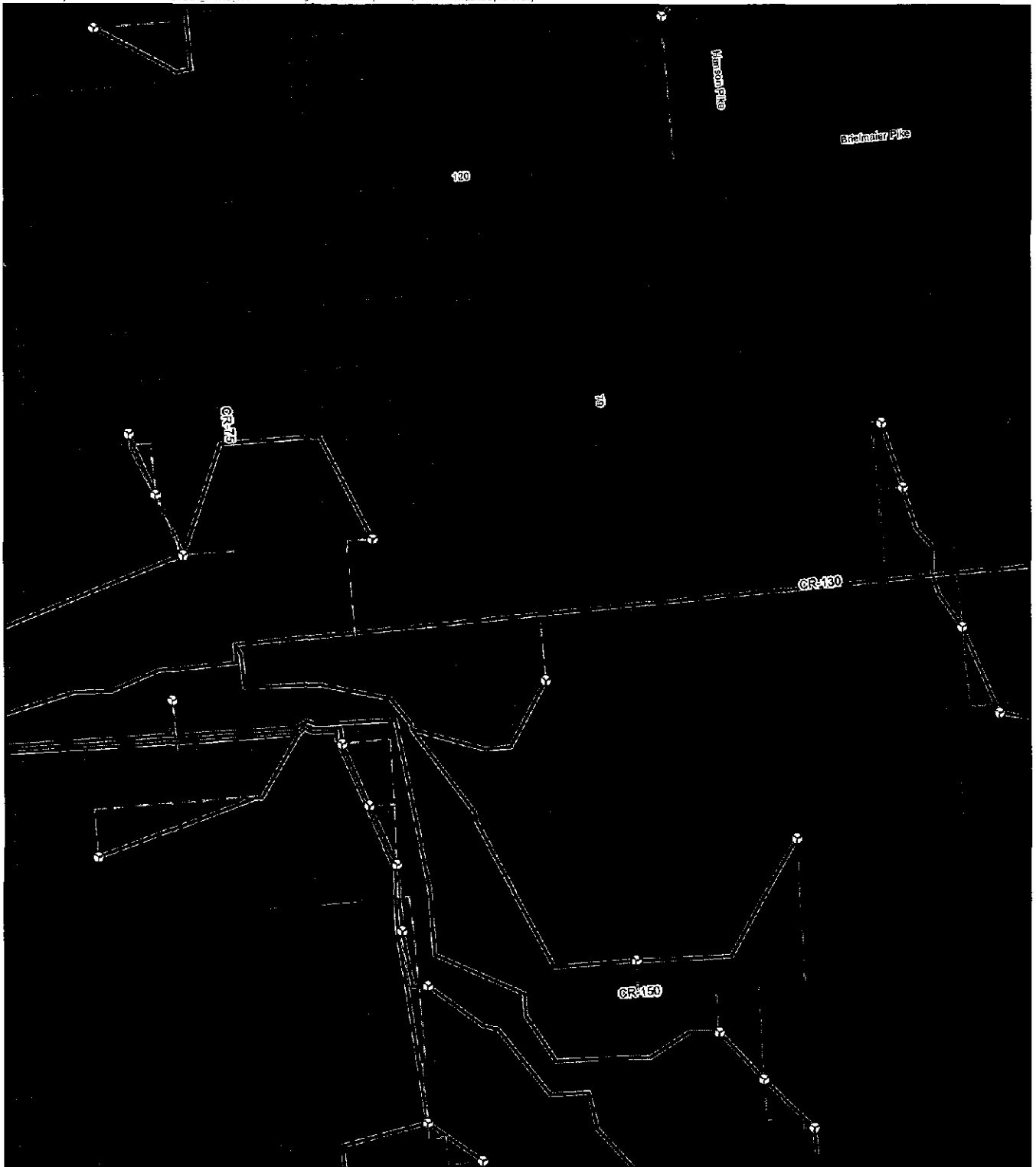
Rev. 01

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hardin wind



Legend - Proposed 1.5 XLE Turbine Location - Proposed Access Road - Proposed Collection Routing To 345kV Line - Primary Highway - Primary Road - Secondary Road - Local Road		- Railroad - River - Water Body - Educational Institution - Park - Study Area Boundary 5-Mile Project Boundary Setback	- County Boundary - Exempt - Industrial - Agricultural - Commercial - Public Utilities - Residential
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Notes:
 1. ESRI Data & Maps, 2007
 2. Hardin County, State of Ohio

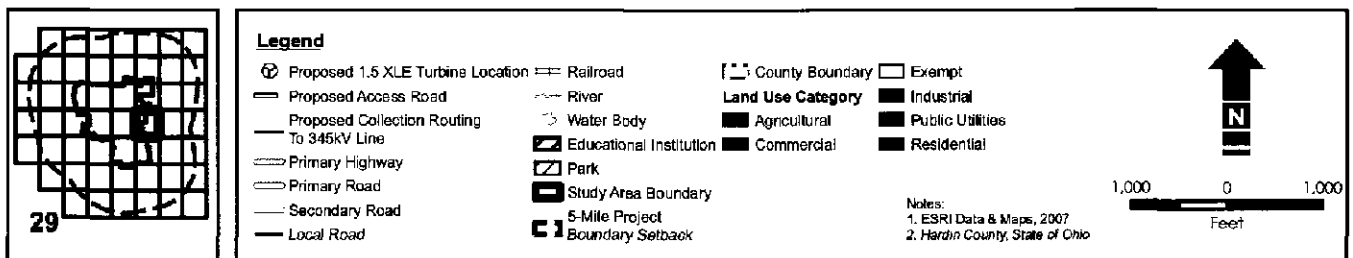
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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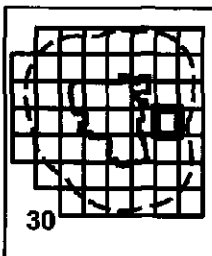
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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Legend

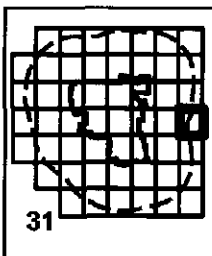
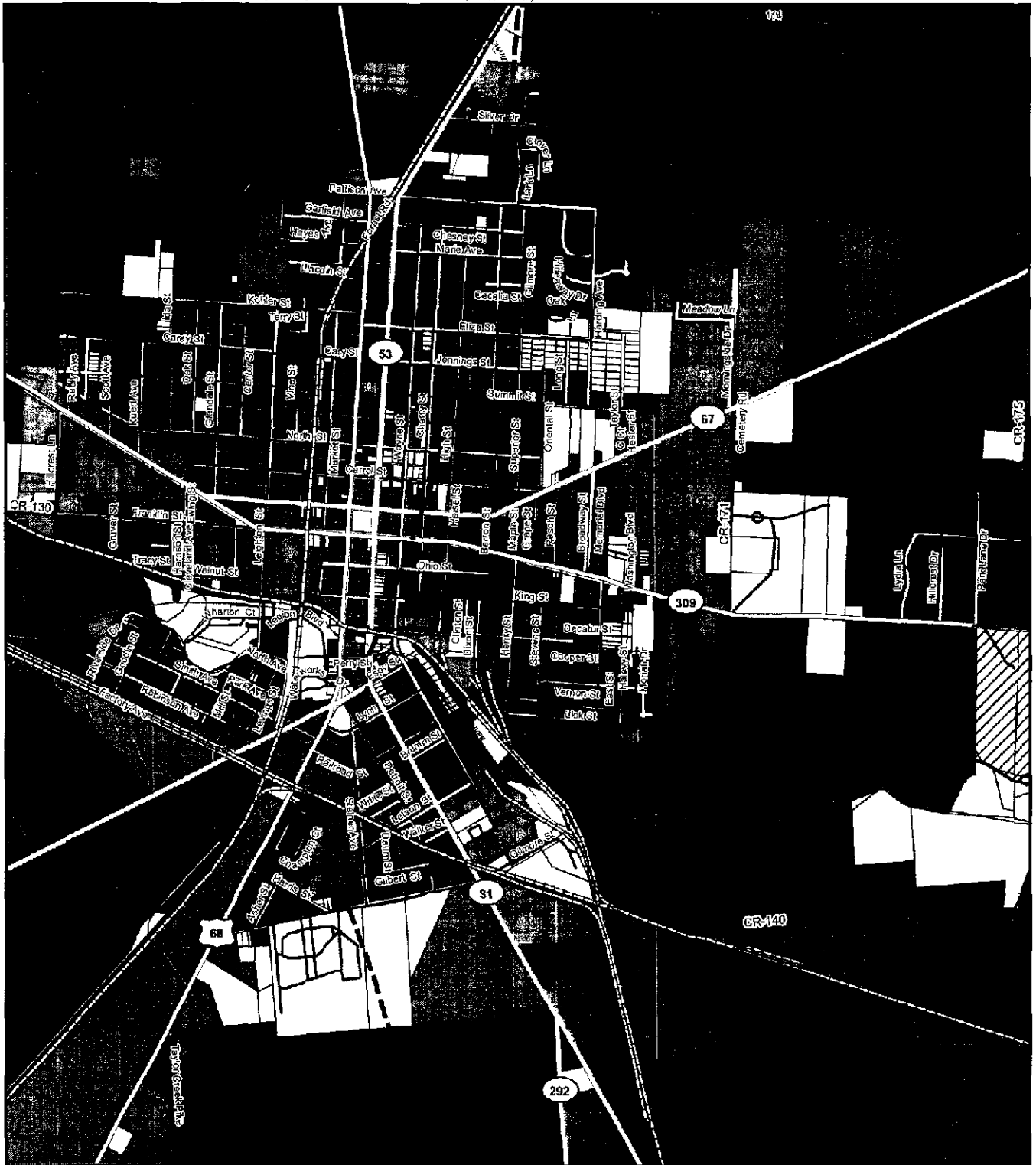
- Proposed 1.5 XLE Turbine Location - Proposed Access Road - Proposed Collection Routing To 345kV Line - Primary Highway - Primary Road - Secondary Road - Local Road	- Railroad - River - Water Body - Educational Institution - Park - Study Area Boundary 5-Mile Project Boundary Setback	- County Boundary - Land Use Category - Industrial - Agricultural - Commercial - Exempt - Public Utilities - Residential
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Notes:
 1. ESRI Data & Maps, 2007
 2. Hardin County, State of Ohio

Scale: 1,000 0 1,000 Feet

North Arrow: N

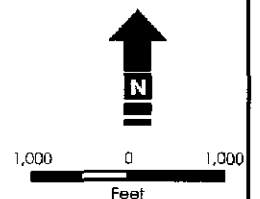




Legend

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| <ul style="list-style-type: none"> ⊕ Proposed 1.5 XLE Turbine Location — Proposed Access Road — Proposed Collection Routing To 345kV Line — Primary Highway — Primary Road — Secondary Road — Local Road | <ul style="list-style-type: none"> — Railroad — River — Water Body ▨ Educational Institution ▨ Park ▨ Study Area Boundary ▨ 5-Mile Project Boundary Setback | <ul style="list-style-type: none"> — County Boundary Land Use Category ▨ Agricultural ▨ Commercial ▨ Industrial ▨ Public Utilities ▨ Residential ▨ Exempt |
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Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio



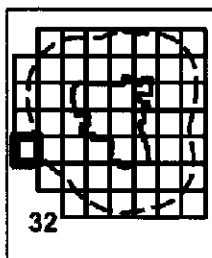
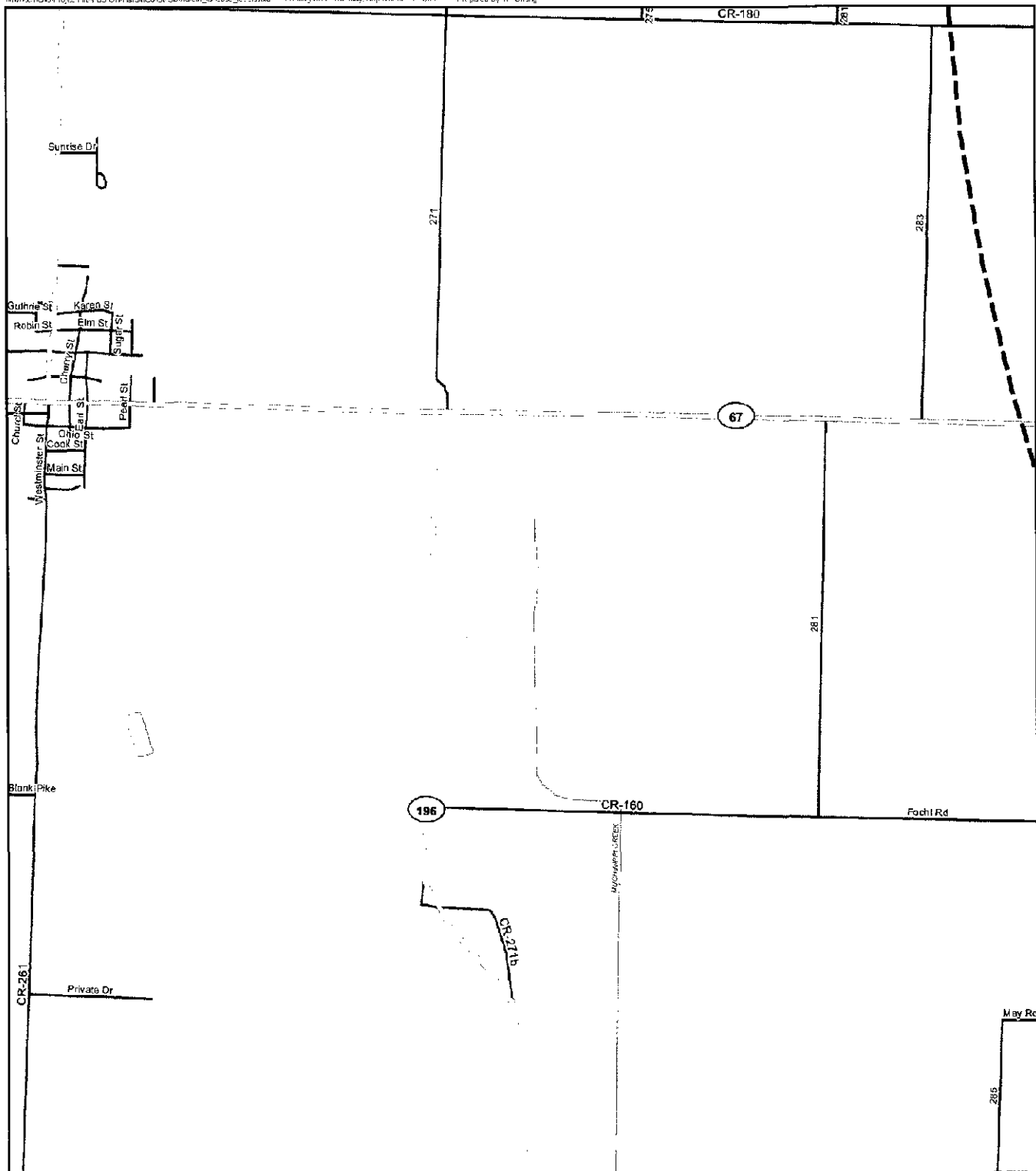
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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Legend

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Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio

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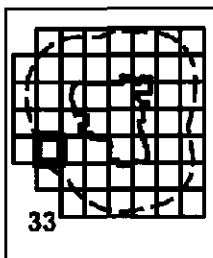
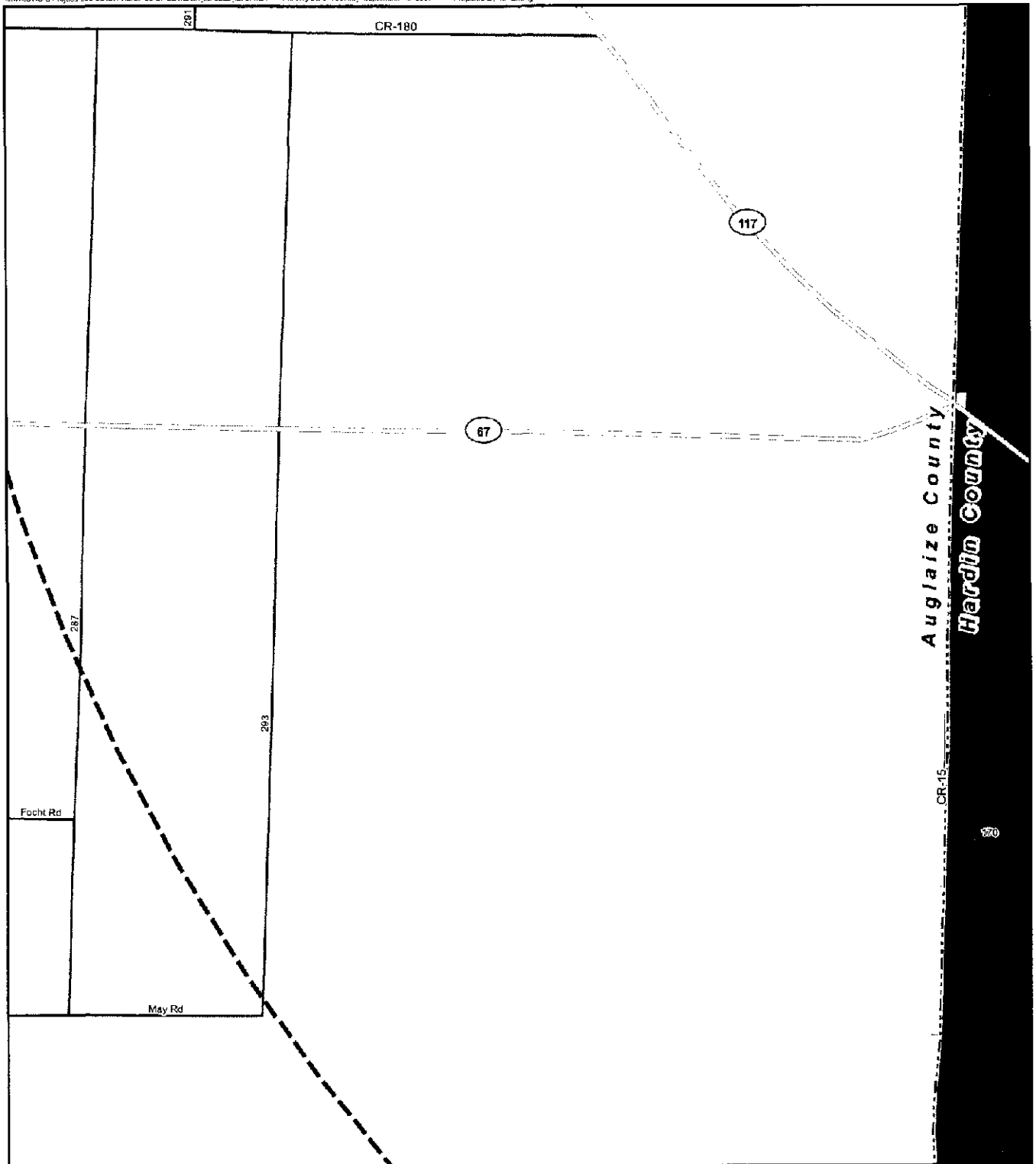
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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Legend

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| <ul style="list-style-type: none"> Proposed 1.5 XLE Turbine Location Proposed Access Road Proposed Collection Routing To 345kV Line Primary Highway Primary Road Secondary Road Local Road | <ul style="list-style-type: none"> Railroad River Water Body Educational Institution Park Study Area Boundary 5-Mile Project Boundary Setback | <ul style="list-style-type: none"> County Boundary Exempt <p>Land Use Category</p> <ul style="list-style-type: none"> Industrial Agricultural Commercial Public Utilities Residential |
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Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio

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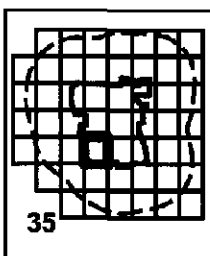
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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Legend

- Proposed 1.5 XLE Turbine Location
 Railroad
 County Boundary
 Exempt
 Proposed Access Road
 River
Land Use Category
 Industrial
 Proposed Collection Routing To 345kV Line
 Water Body
 Agricultural
 Public Utilities
 Primary Highway
 Educational Institution
 Commercial
 Residential
 Primary Road
 Park
 Study Area Boundary
 Secondary Road
 5-Mile Project Boundary Setback
 Local Road
- Notes:**
 1. ESRI Data & Maps
 2. Hardin County

Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio

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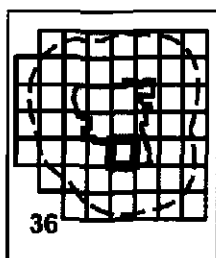
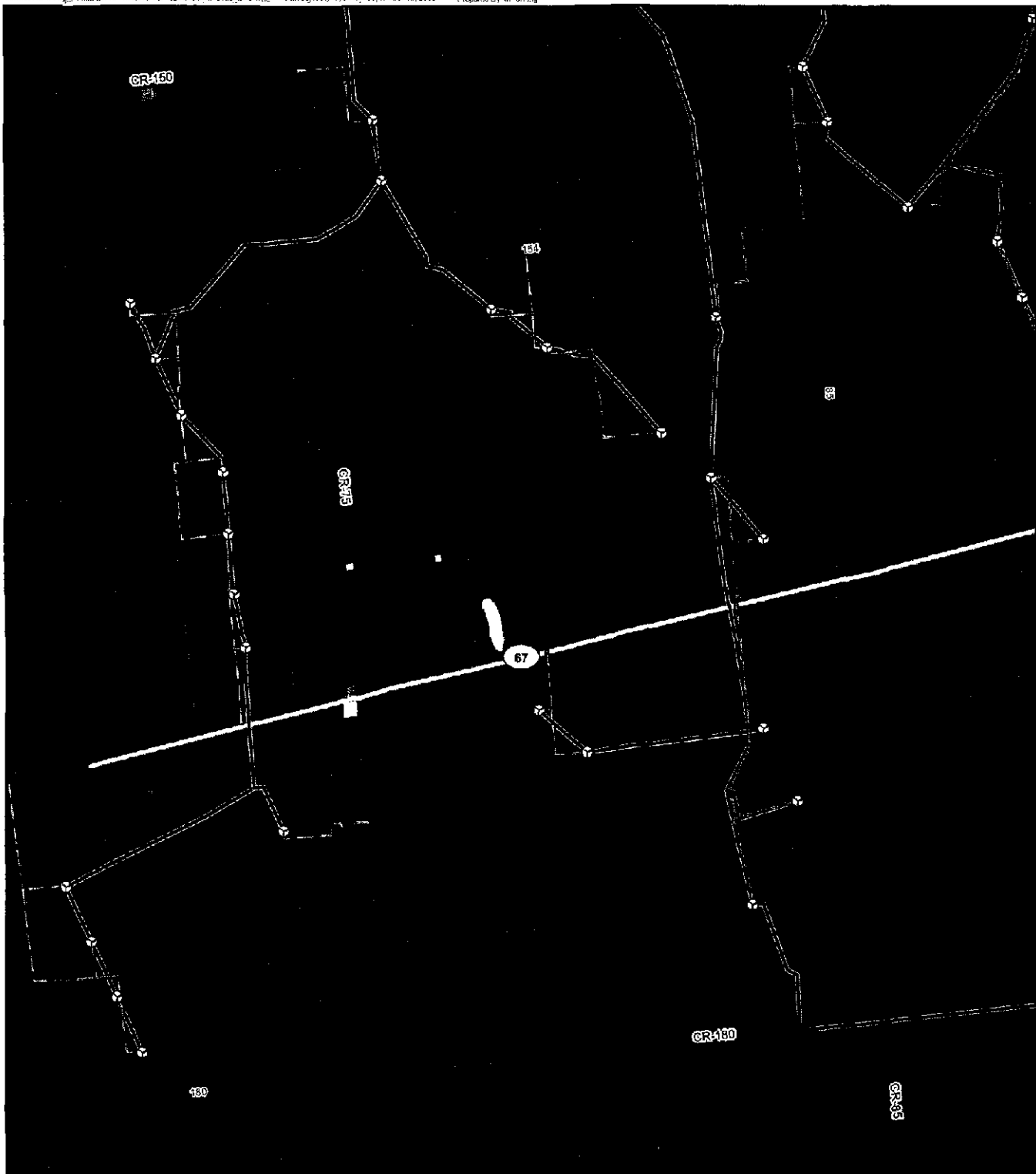
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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| <ul style="list-style-type: none"> ⊙ Proposed 1.5 XLE Turbine Location — Proposed Access Road — Proposed Collection Routing To 345kV Line — Primary Highway — Primary Road — Secondary Road — Local Road | <ul style="list-style-type: none"> — Railroad — River — Water Body ▨ Educational Institution ▨ Park ▨ Study Area Boundary ▨ 5-Mile Project Boundary Setback | <ul style="list-style-type: none"> ▨ County Boundary ▨ Exempt ▨ Industrial ▨ Agricultural ▨ Commercial ▨ Public Utilities ▨ Residential |
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Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio

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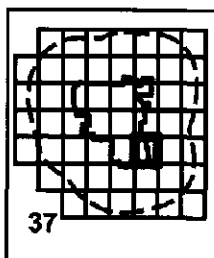
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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Legend

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| <ul style="list-style-type: none"> ○ Proposed 1.5 XLE Turbine Location — Proposed Access Road — Proposed Collection Routing To 345kV Line — Primary Highway — Primary Road — Secondary Road — Local Road | <ul style="list-style-type: none"> — Railroad — River — Water Body ▨ Educational Institution ▨ Park ▨ Study Area Boundary ▨ 5-Mile Project Boundary Setback | <ul style="list-style-type: none"> ▨ County Boundary ▨ Exempt ▨ Industrial ▨ Agricultural ▨ Commercial ▨ Public Utilities ▨ Residential |
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Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio

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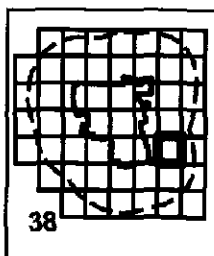
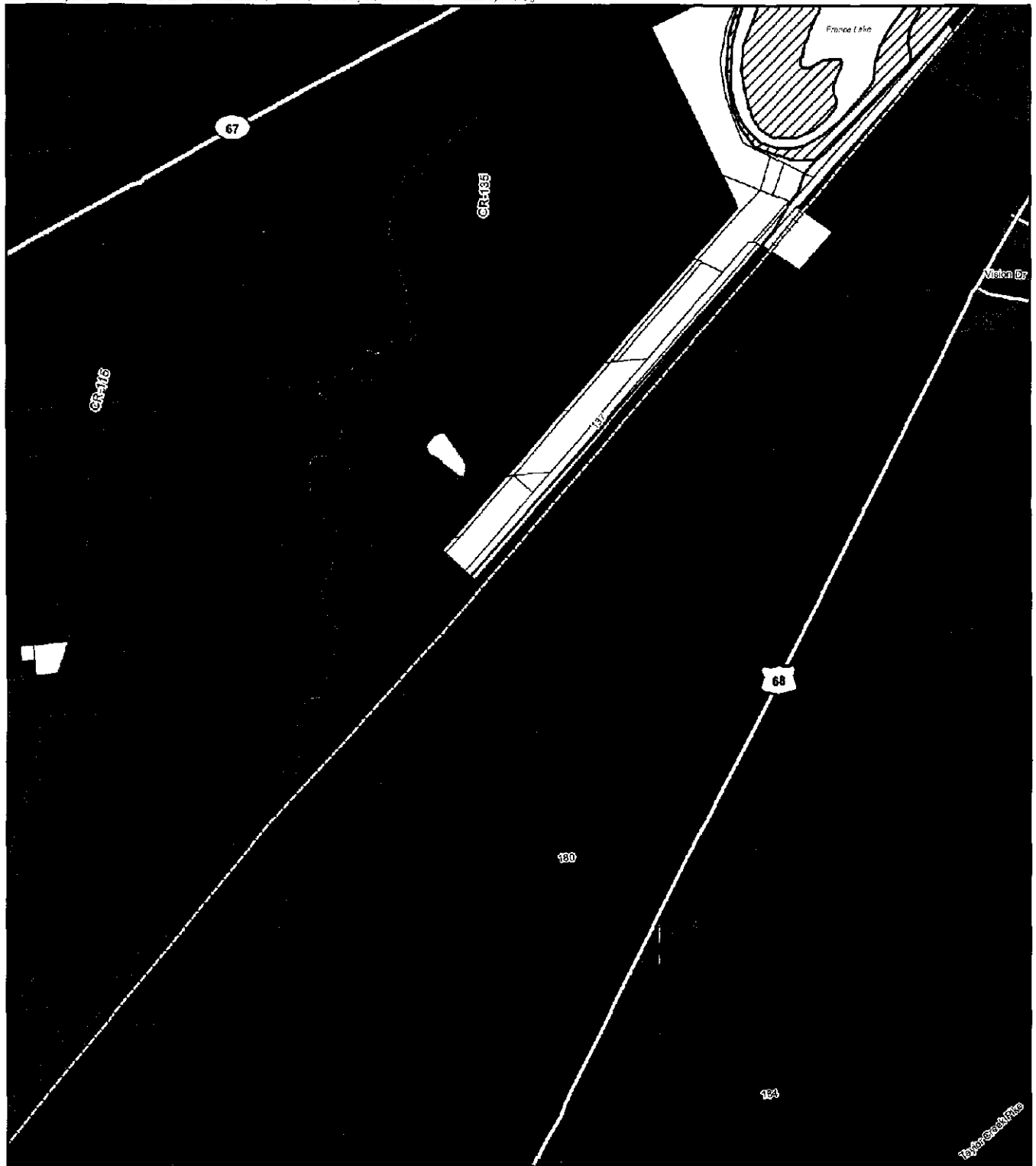
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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September 16, 2009





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| <ul style="list-style-type: none"> ⊗ Proposed 1.5 XLE Turbine Location — Proposed Access Road — Proposed Collection Routing To 345kV Line — Primary Highway — Primary Road — Secondary Road — Local Road | <ul style="list-style-type: none"> — Railroad — River — Water Body ▨ Educational Institution ▨ Park ▨ Study Area Boundary 5-Mile Project Boundary Setback | <ul style="list-style-type: none"> ▨ County Boundary ▨ Exempt ▨ Industrial ▨ Agricultural ▨ Commercial ▨ Public Utilities ▨ Residential |
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Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio

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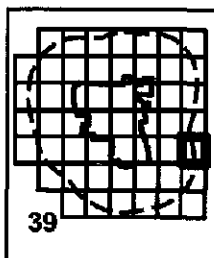
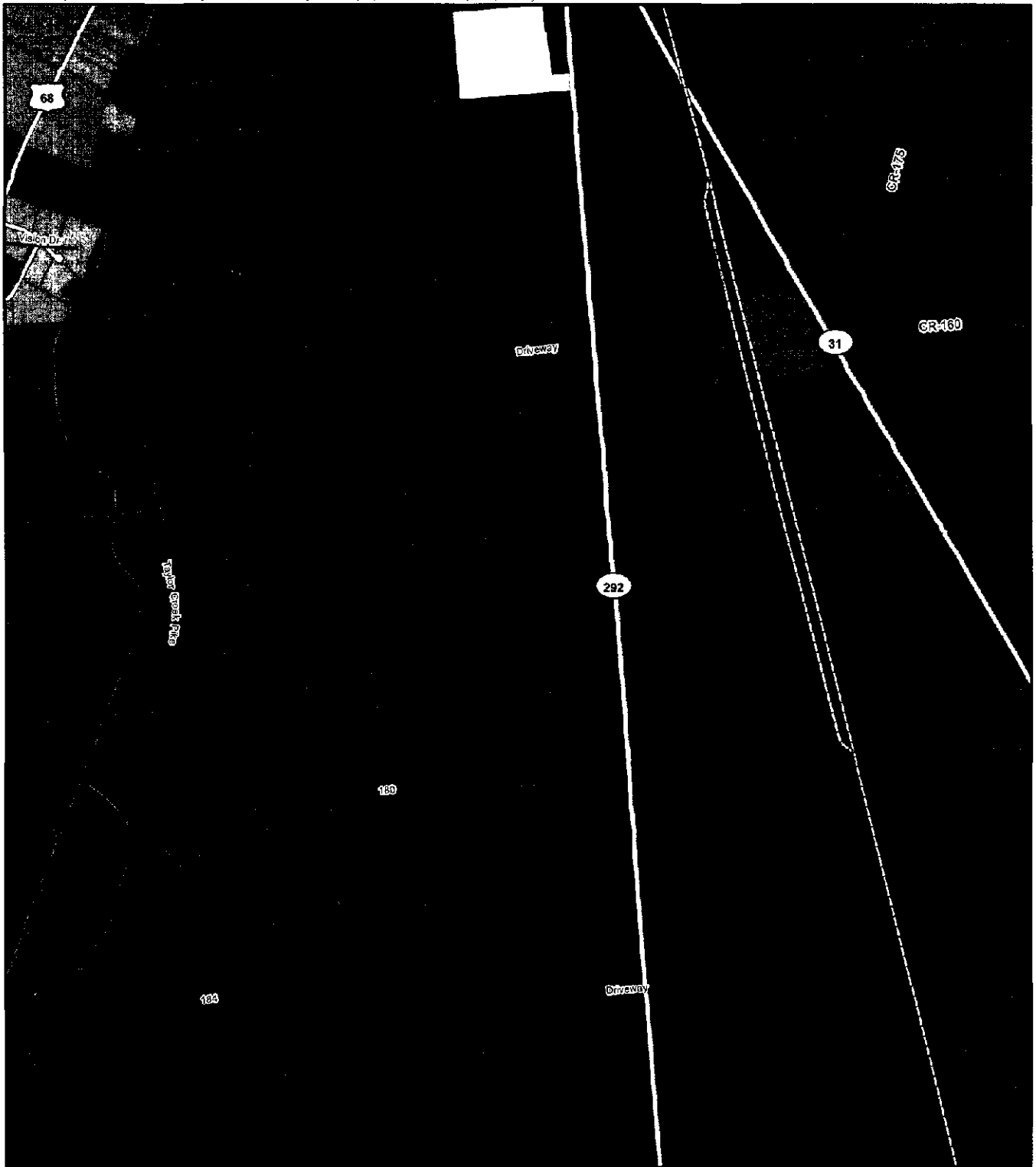
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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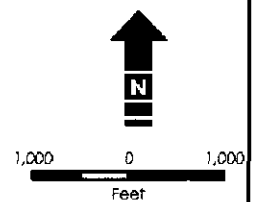




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Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio



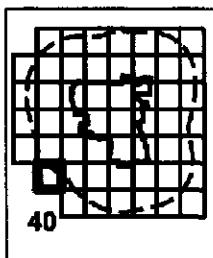
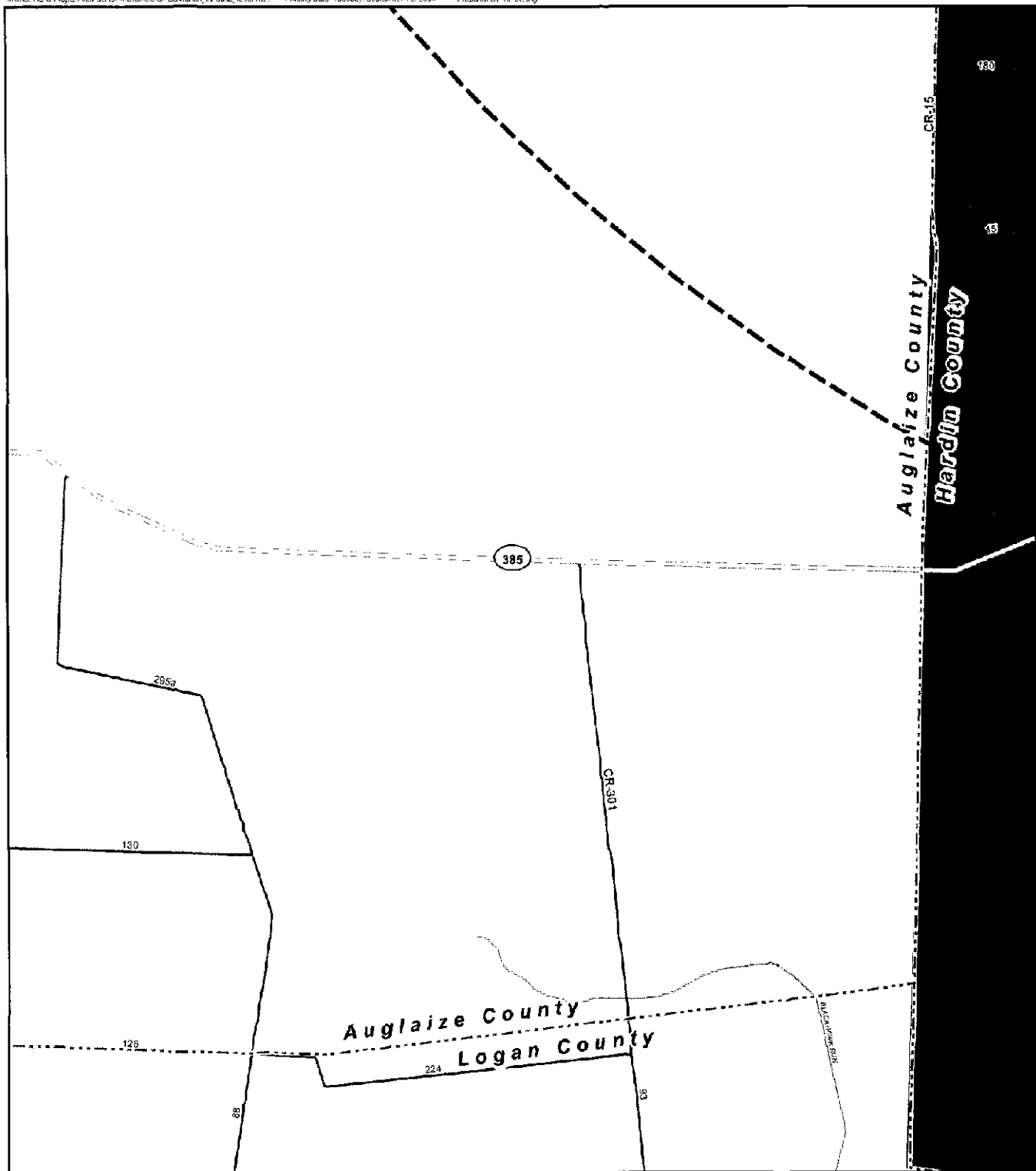
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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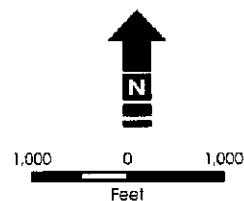




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| <ul style="list-style-type: none"> Proposed 1.5 XLE Turbine Location Proposed Access Road Proposed Collection Routing To 345kV Line Primary Highway Primary Road Secondary Road Local Road | <ul style="list-style-type: none"> Railroad River Water Body Educational Institution Park Study Area Boundary 5-Mile Project Boundary Setback | <ul style="list-style-type: none"> County Boundary Exempt <p>Land Use Category</p> <ul style="list-style-type: none"> Industrial Agricultural Commercial Public Utilities Residential |
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Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio



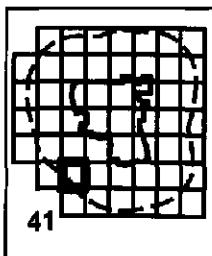
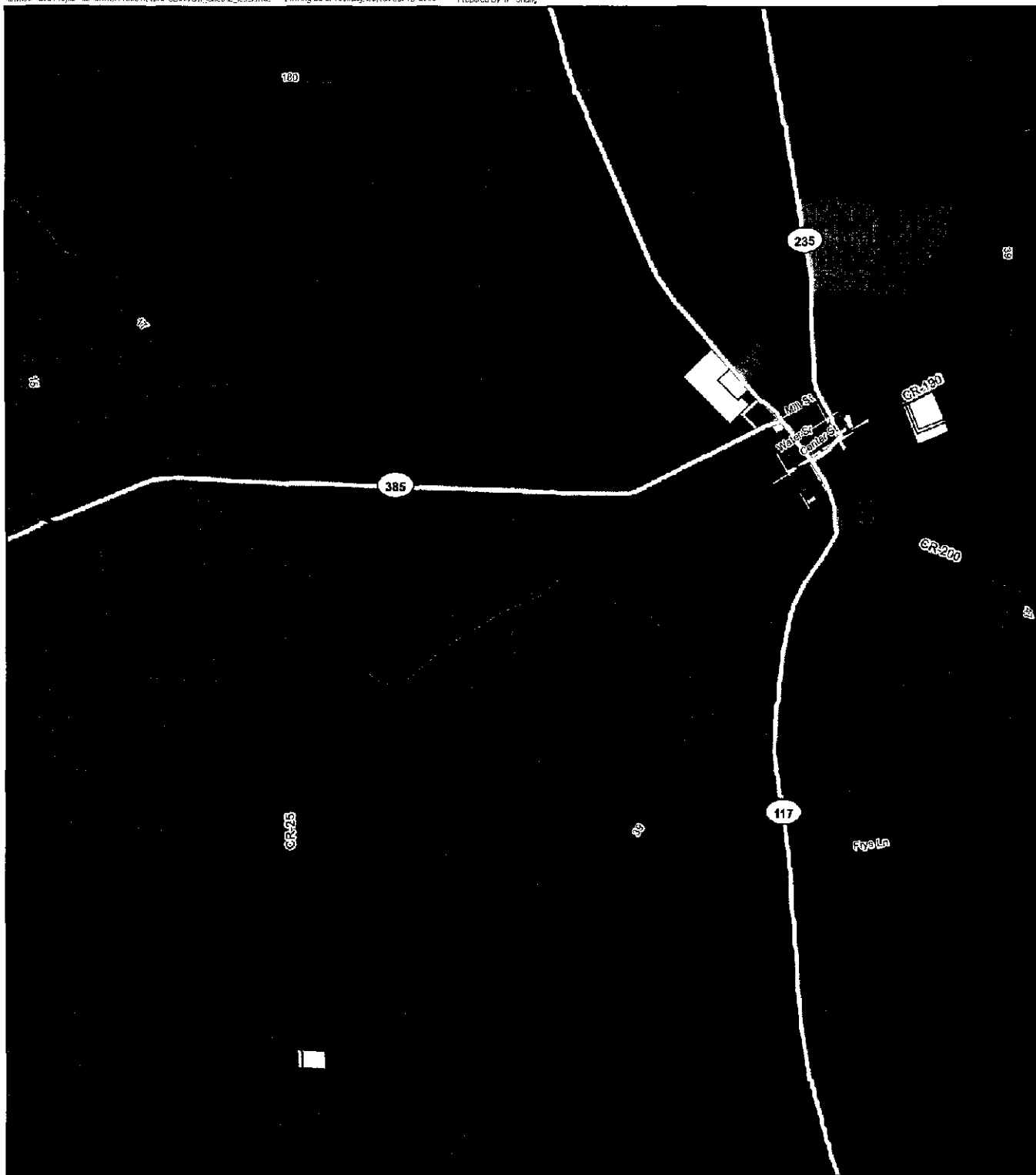
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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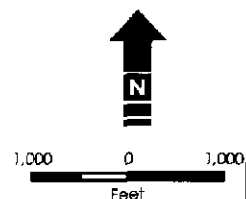




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Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio



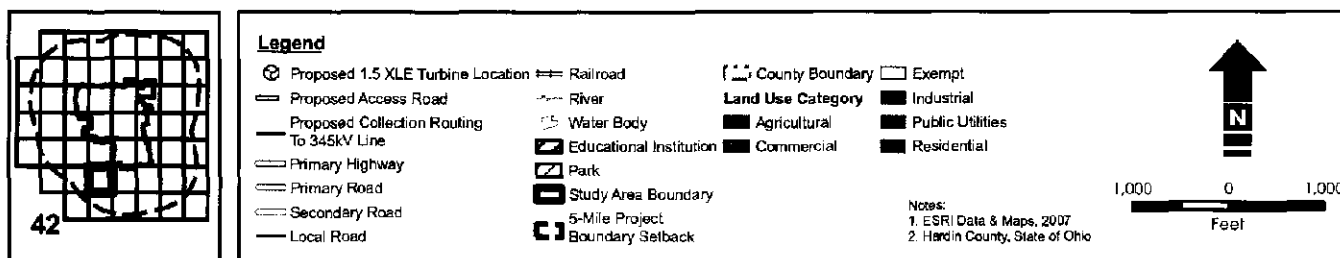
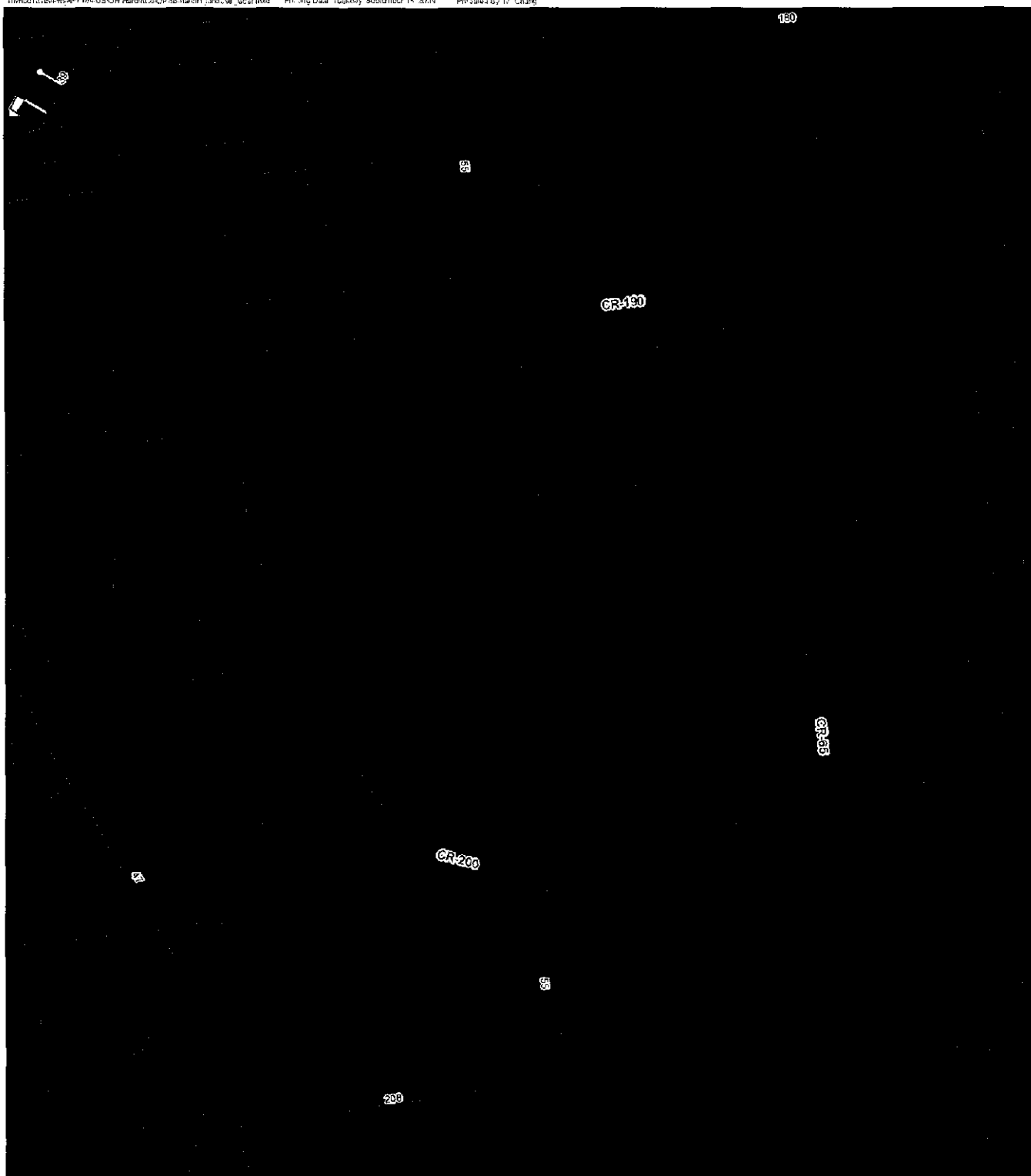
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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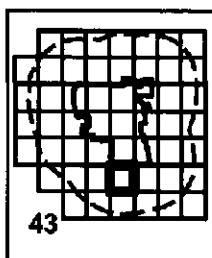
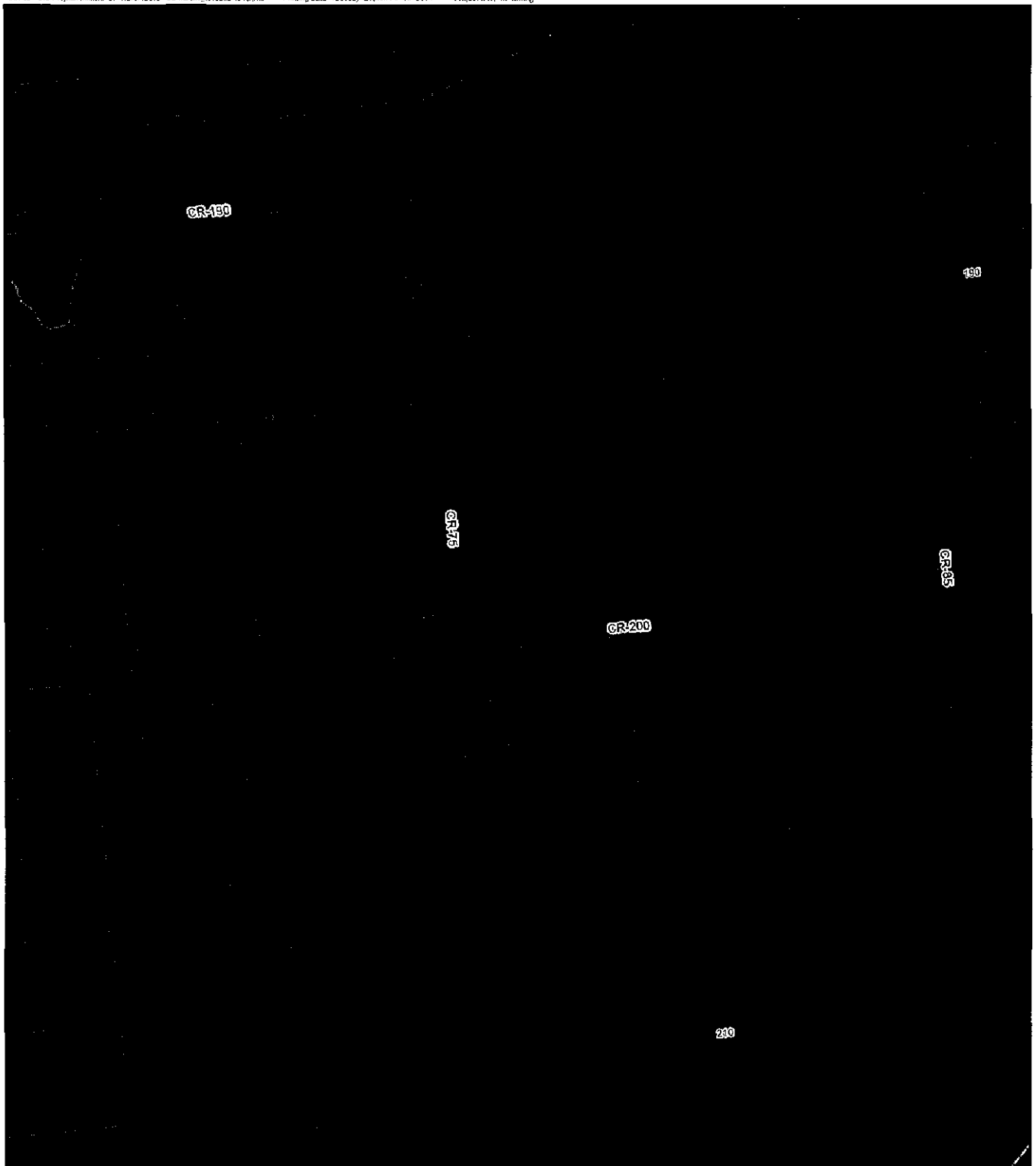
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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Legend Proposed 1.5 XLE Turbine Location Proposed Access Road Proposed Collection Routing To 345kV Line Primary Highway Primary Road Secondary Road Local Road		Railroad River Water Body Educational Institution Park Study Area Boundary 5-Mile Project Boundary Setback	County Boundary Land Use Category Industrial Agricultural Commercial Public Utilities Residential Exempt
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Notes:
 1. ESRI Data & Maps, 2007
 2. Hardin County, State of Ohio

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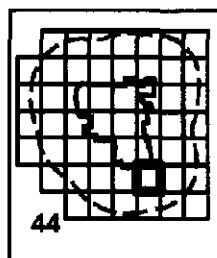
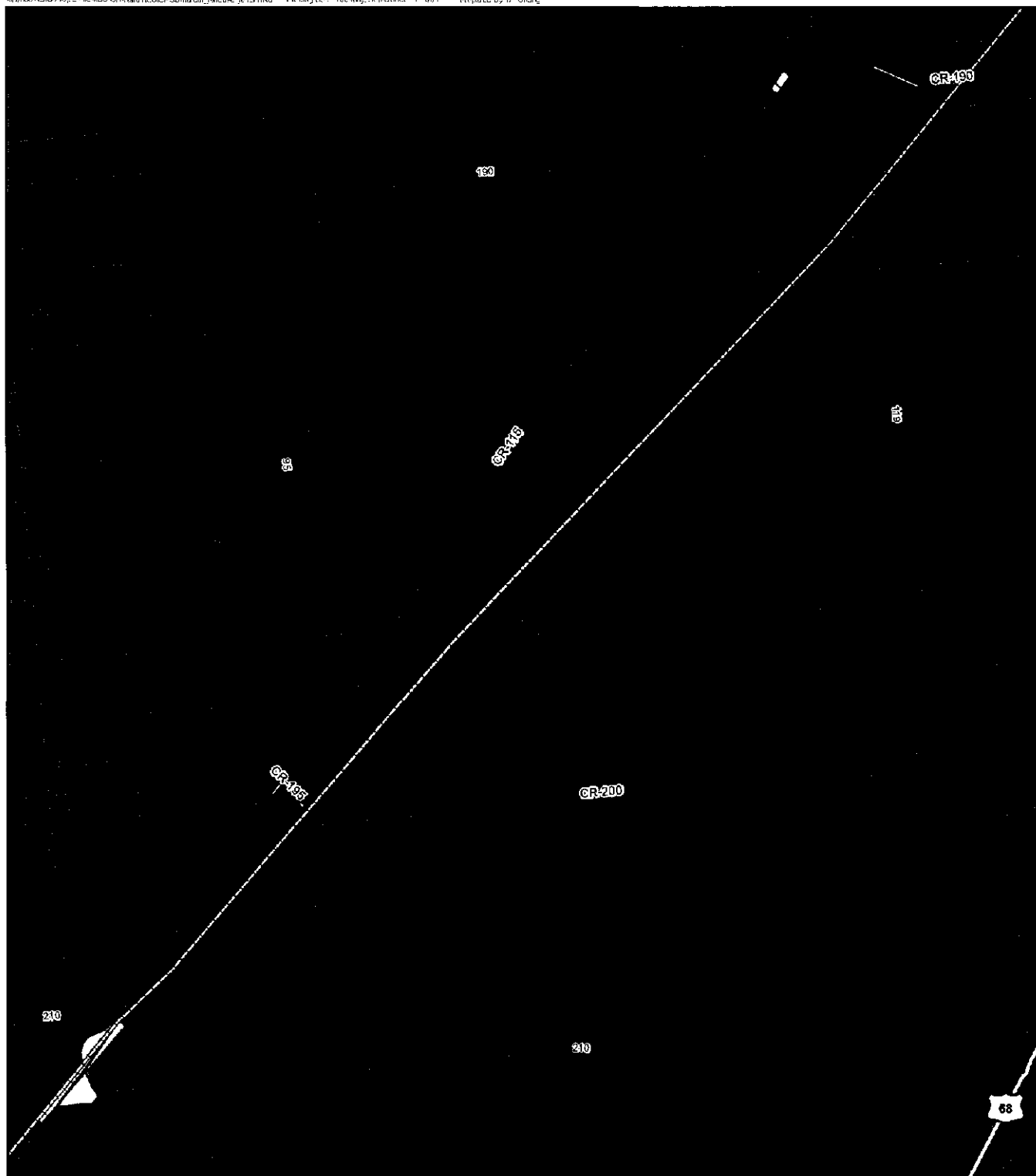
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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Legend Proposed 1.5 XLE Turbine Location Proposed Access Road Proposed Collection Routing To 345kV Line Primary Highway Primary Road Secondary Road Local Road		Railroad River Water Body Educational Institution Park Study Area Boundary 5-Mile Project Boundary Setback	County Boundary Land Use Category Agricultural Commercial Industrial Public Utilities Residential	Exempt 1,000 0 1,000 Feet Notes: 1. ESRI Data & Maps, 2007 2. Hardin County, State of Ohio
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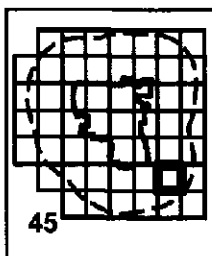
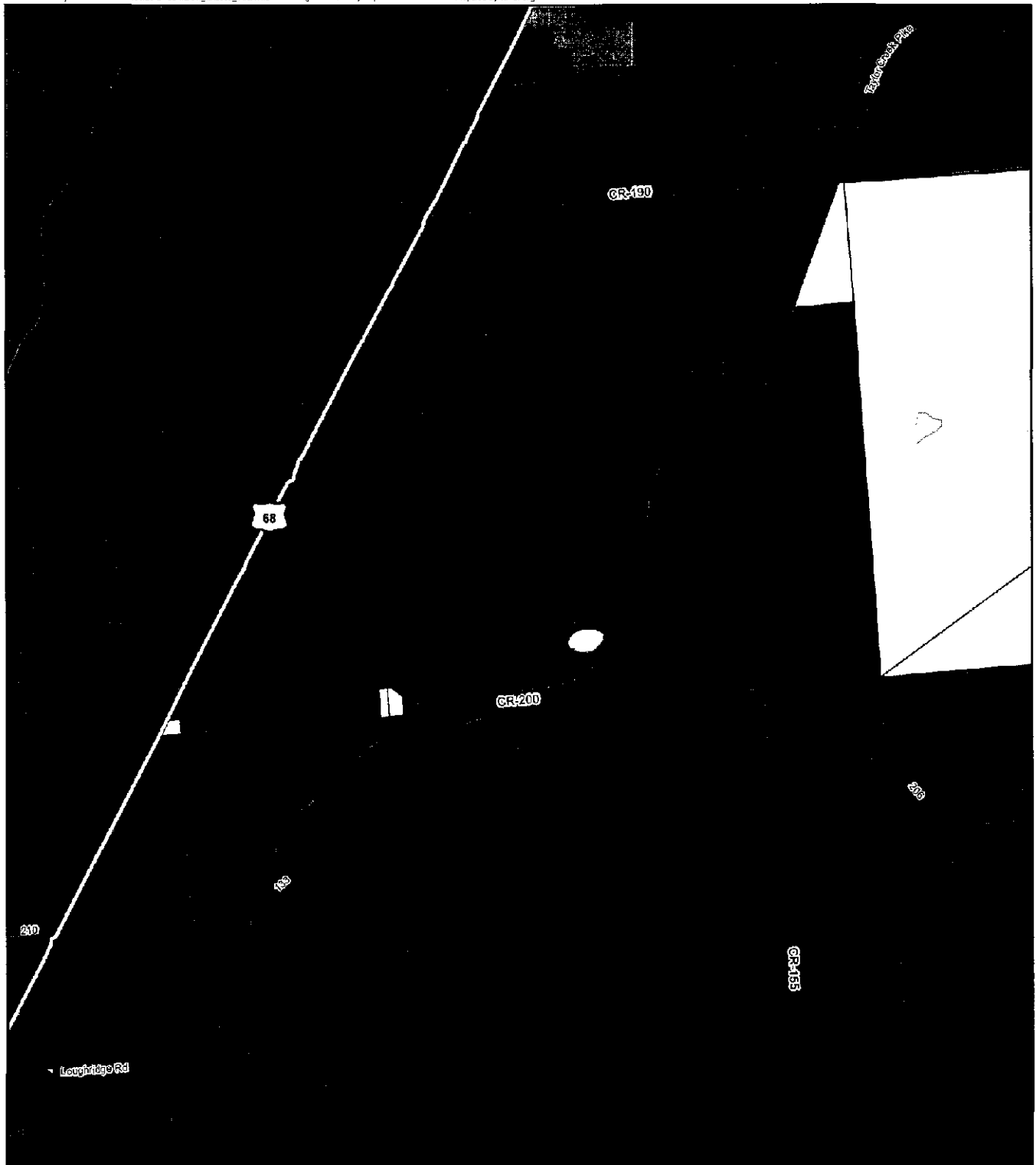
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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Legend (Symbol) Proposed 1.5 XLE Turbine Location (Symbol) Proposed Access Road (Symbol) Proposed Collection Routing To 345kV Line (Symbol) Primary Highway (Symbol) Primary Road (Symbol) Secondary Road (Symbol) Local Road		(Symbol) Railroad (Symbol) River (Symbol) Water Body (Symbol) Educational Institution (Symbol) Park (Symbol) Study Area Boundary (Symbol) 5-Mile Project Boundary Setback	(Symbol) County Boundary Land Use Category (Symbol) Agricultural (Symbol) Commercial (Symbol) Industrial (Symbol) Public Utilities (Symbol) Residential (Symbol) Exempt
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 1. ESRI Data & Maps, 2007
 2. Hardin County, State of Ohio

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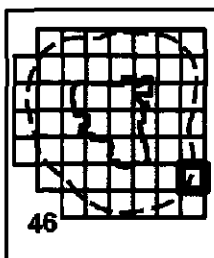
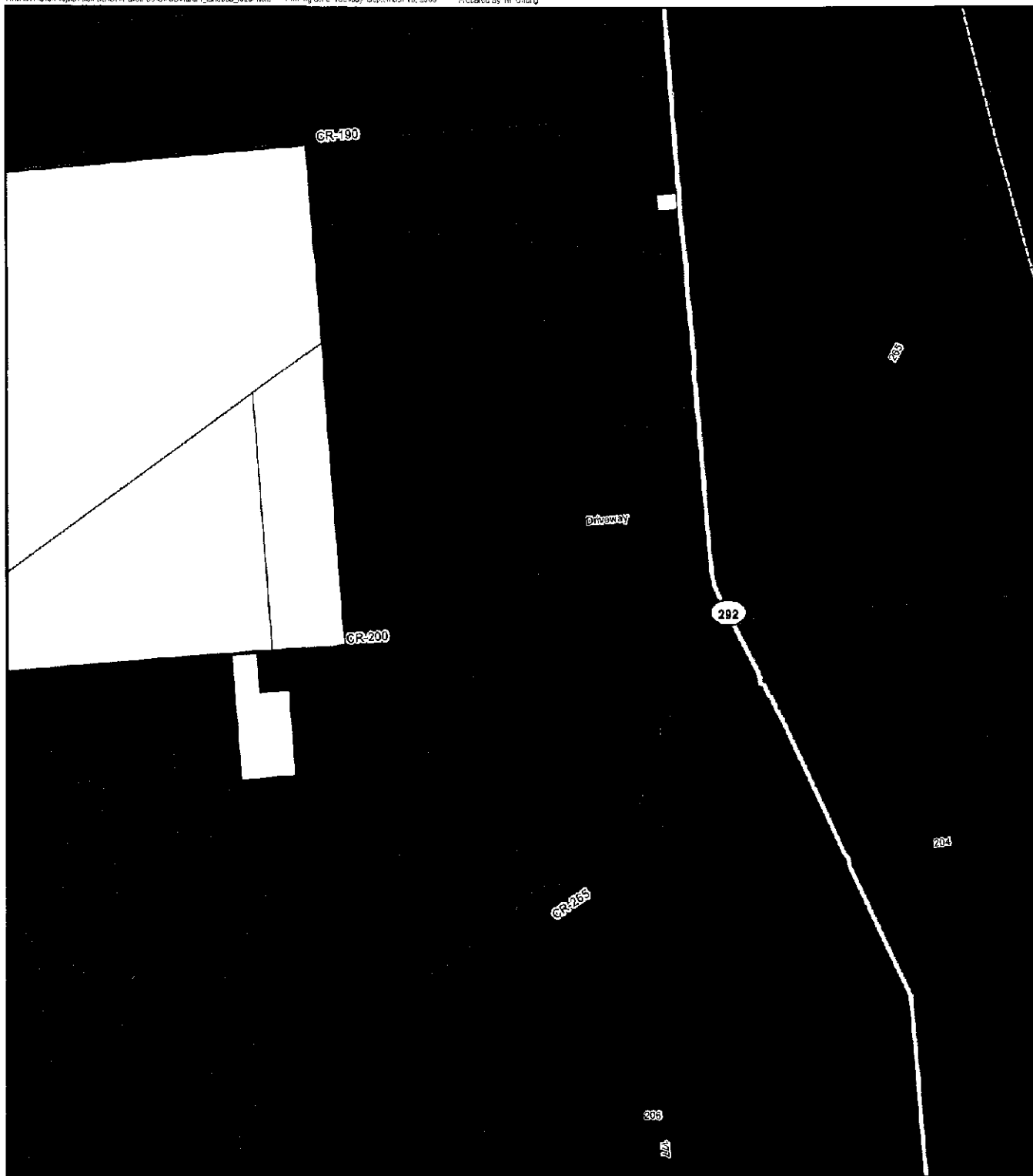
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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Legend

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| Proposed 1.5 XLE Turbine Location | Railroad | County Boundary | Exempt |
| Proposed Access Road | River | Land Use Category | Industrial |
| Proposed Collection Routing To 345kV Line | Water Body | Agricultural | Public Utilities |
| Primary Highway | Educational Institution | Commercial | Residential |
| Primary Road | Park | | |
| Secondary Road | Study Area Boundary | | |
| Local Road | 5-Mile Project Boundary Setback | | |

Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio

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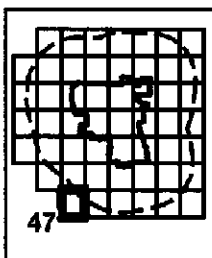
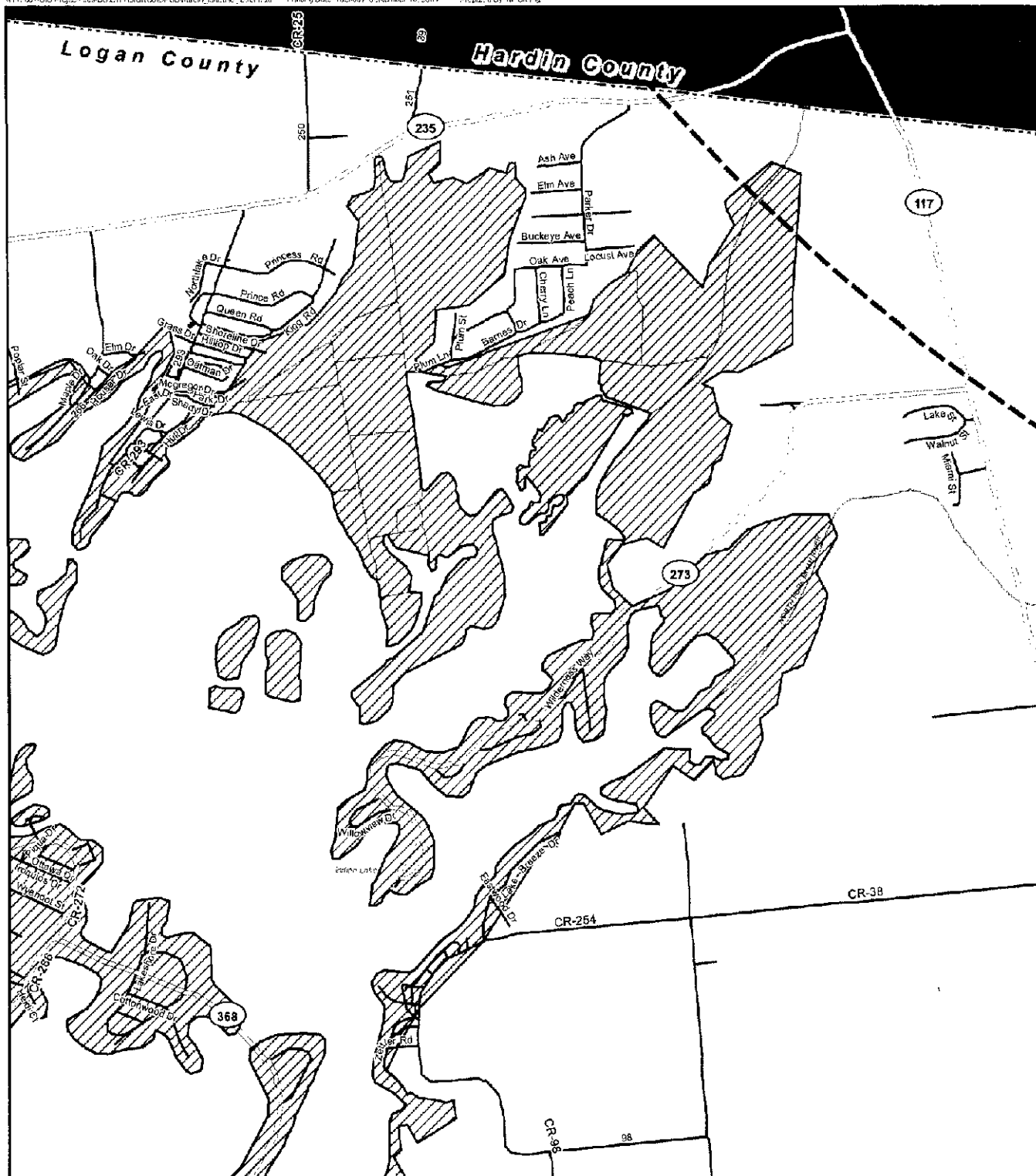
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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Legend

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| <ul style="list-style-type: none"> ⊙ Proposed 1.5 XLE Turbine Location — Proposed Access Road — Proposed Collection Routing To 345kV Line — Primary Highway — Primary Road — Secondary Road — Local Road | <ul style="list-style-type: none"> — Railroad — River — Water Body ▢ Educational Institution ▢ Park ▢ Study Area Boundary ▢ 5-Mile Project Boundary Setback | <ul style="list-style-type: none"> ▢ County Boundary ▢ Exempt <p>Land Use Category</p> <ul style="list-style-type: none"> ▢ Industrial ▢ Agricultural ▢ Commercial ▢ Public Utilities ▢ Residential |
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Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio

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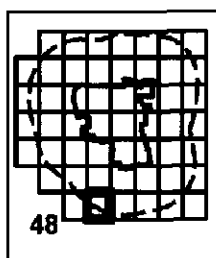
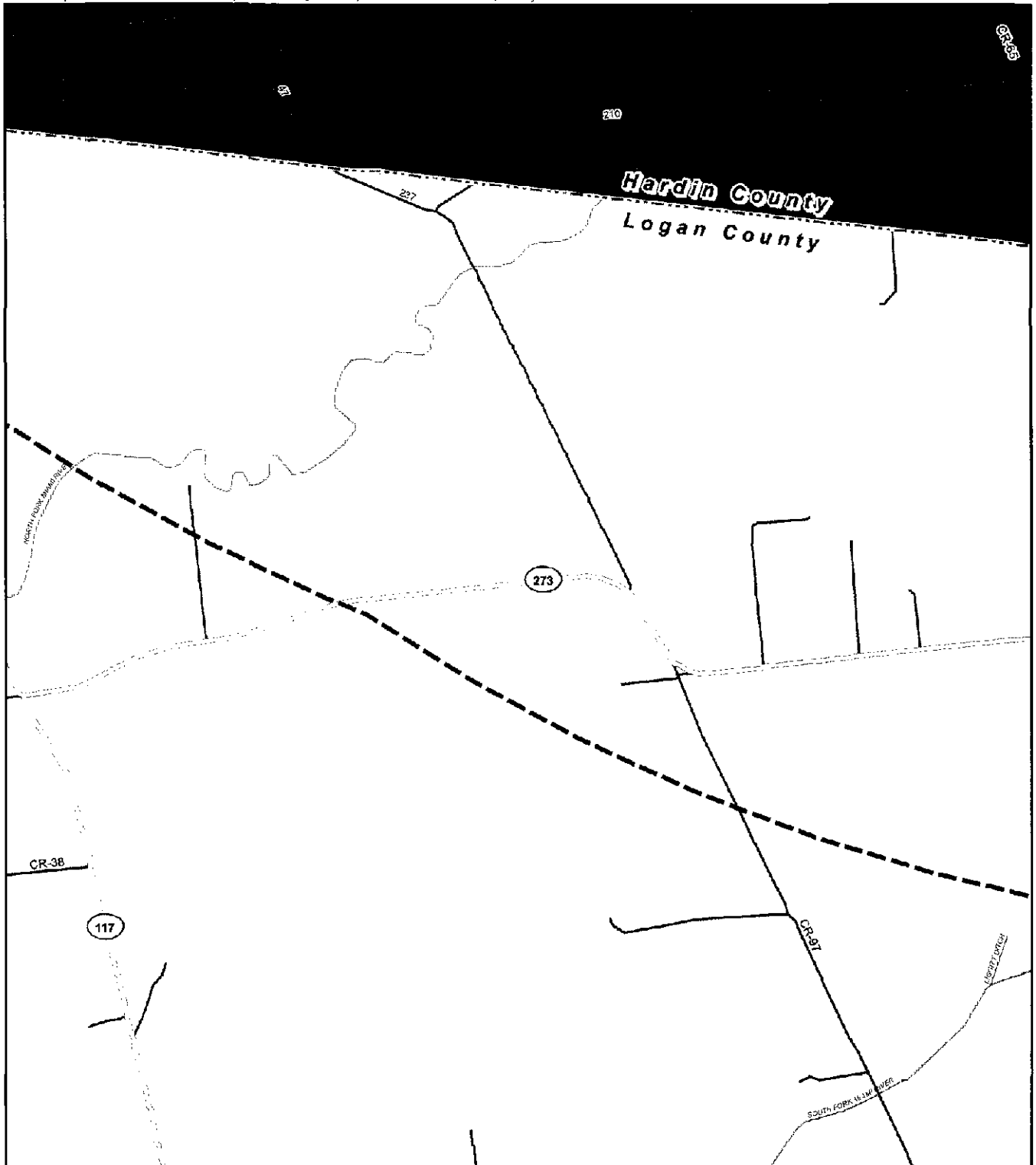
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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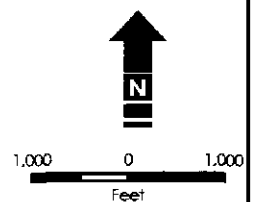




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| Proposed 1.5 XLE Turbine Location | Railroad | County Boundary | Exempt |
| Proposed Access Road | River | Land Use Category | Industrial |
| Proposed Collection Routing To 345kV Line | Water Body | Agricultural | Public Utilities |
| Primary Highway | Educational Institution | Commercial | Residential |
| Primary Road | Park | | |
| Secondary Road | Study Area Boundary | | |
| Local Road | 5-Mile Project Boundary Setback | | |

Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio

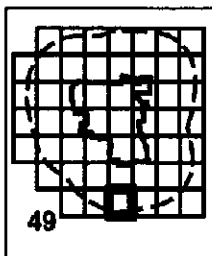
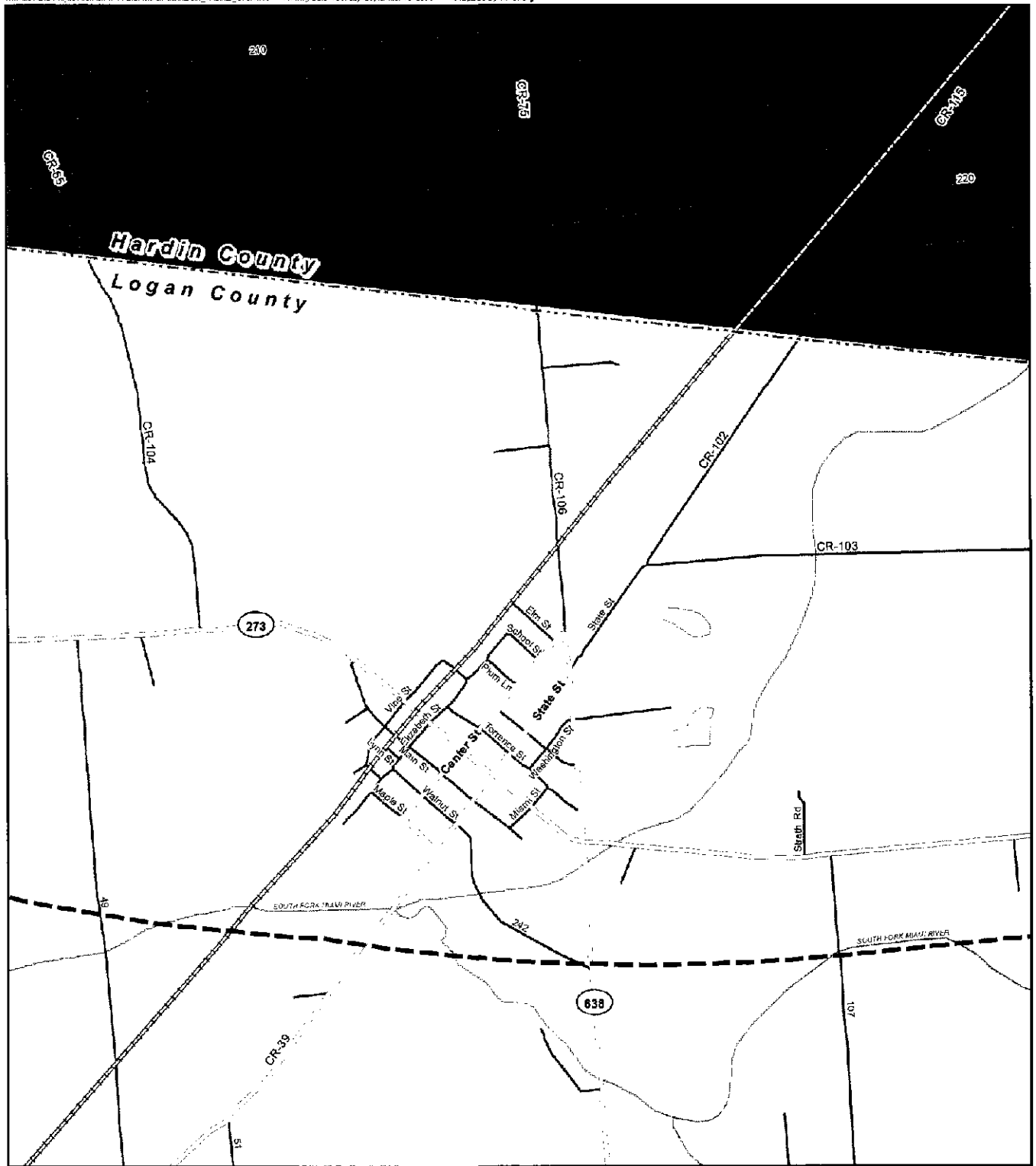


Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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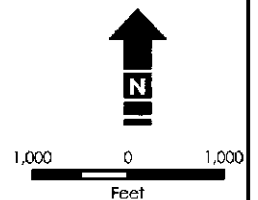




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| <ul style="list-style-type: none"> Proposed 1.5 XLE Turbine Location Proposed Access Road Proposed Collection Routing To 345kV Line Primary Highway Primary Road Secondary Road Local Road | <ul style="list-style-type: none"> Railroad River Water Body Educational Institution Park Study Area Boundary 5-Mile Project Boundary Setback | <ul style="list-style-type: none"> County Boundary Exempt <p>Land Use Category</p> <ul style="list-style-type: none"> Industrial Agricultural Commercial Public Utilities Residential |
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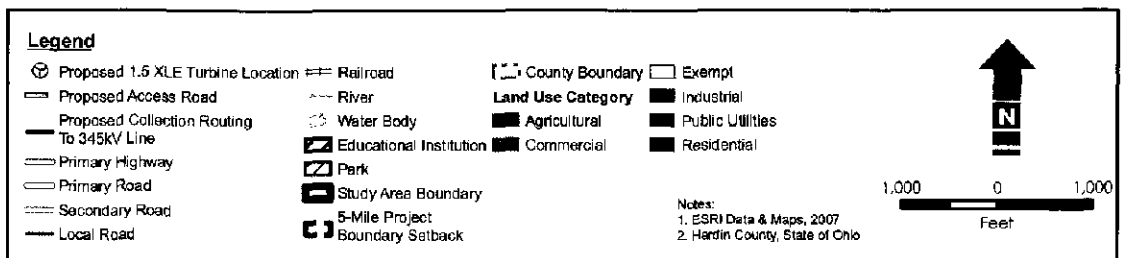
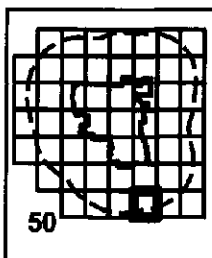
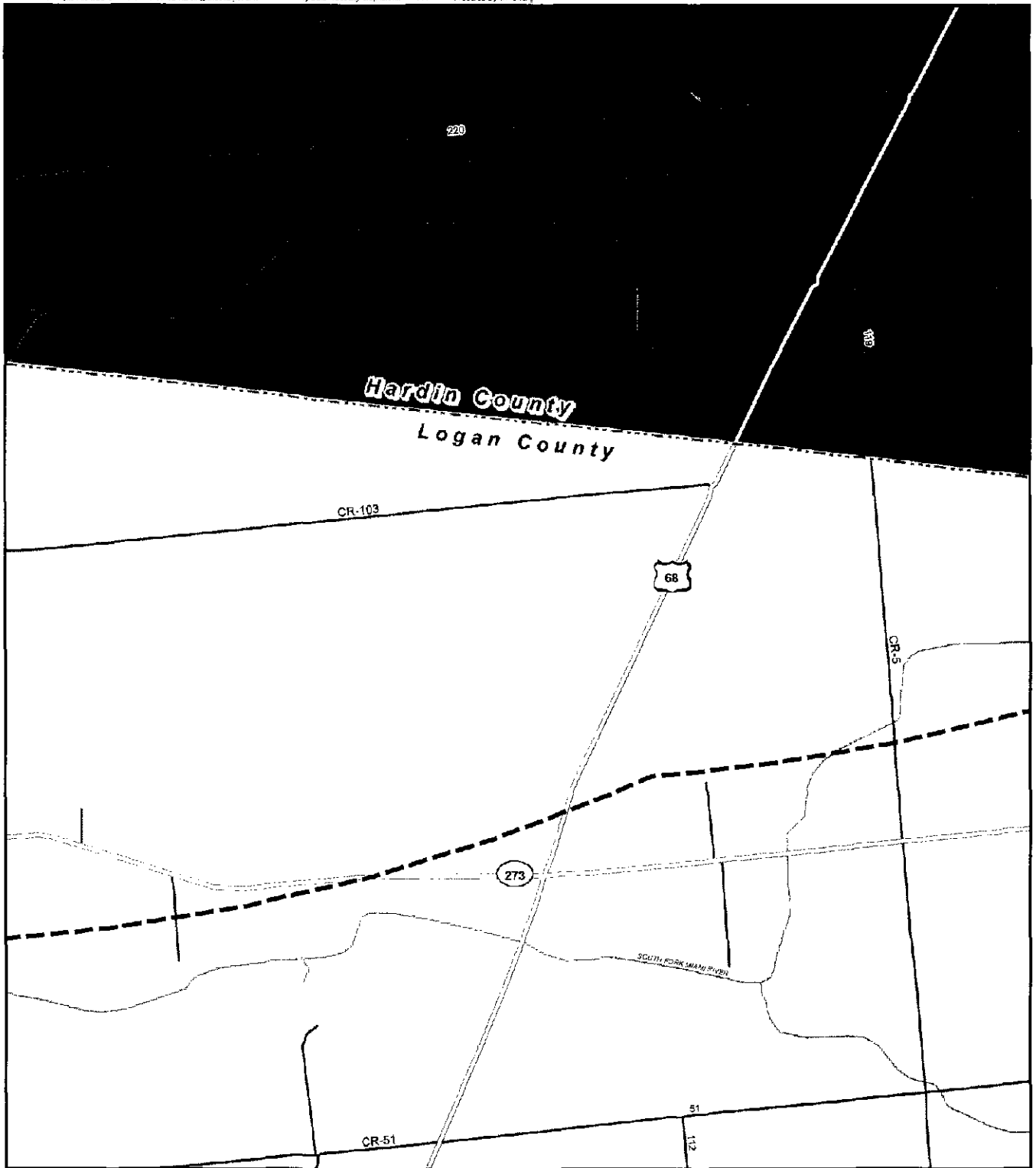
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

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September 16, 2009



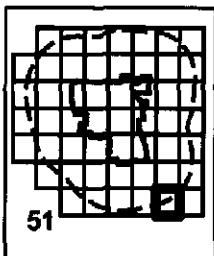
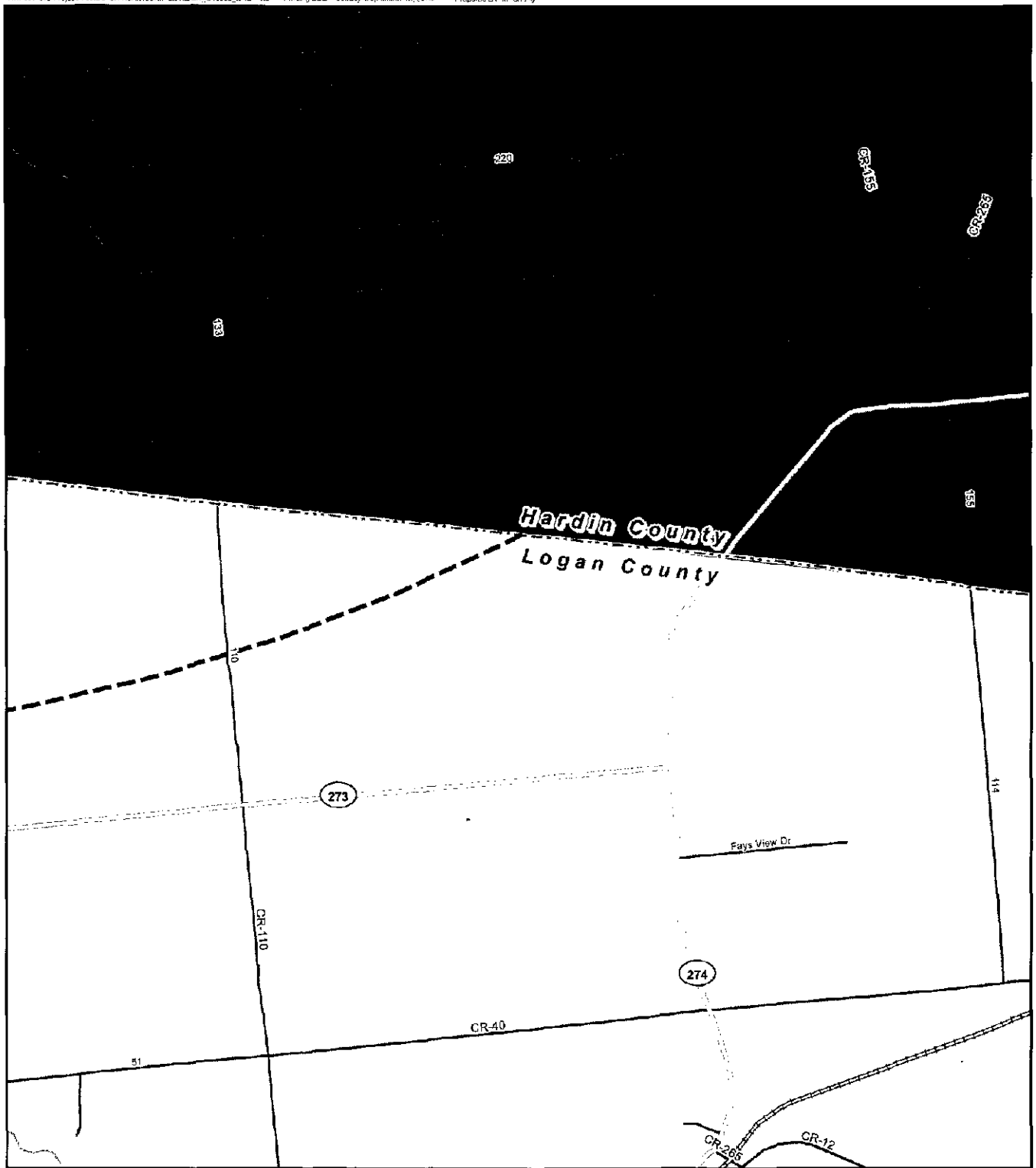


Land Use Map

Hardin Wind Farm, Hardin County, Ohio

Rev. 01
 September 16, 2009





Legend

- | | | |
|--|---|---|
| <ul style="list-style-type: none"> Proposed 1.5 XLE Turbine Location Proposed Access Road Proposed Collection Routing To 345kV Line Primary Highway Primary Road Secondary Road Local Road | <ul style="list-style-type: none"> Railroad River Water Body Educational Institution Park Study Area Boundary 5-Mile Project Boundary Setback | <ul style="list-style-type: none"> County Boundary Exempt Industrial Agricultural Commercial Public Utilities Residential |
|--|---|---|

Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio

1,000 0 1,000
Feet



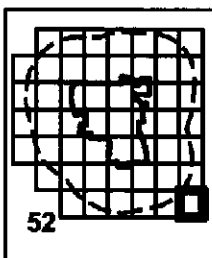
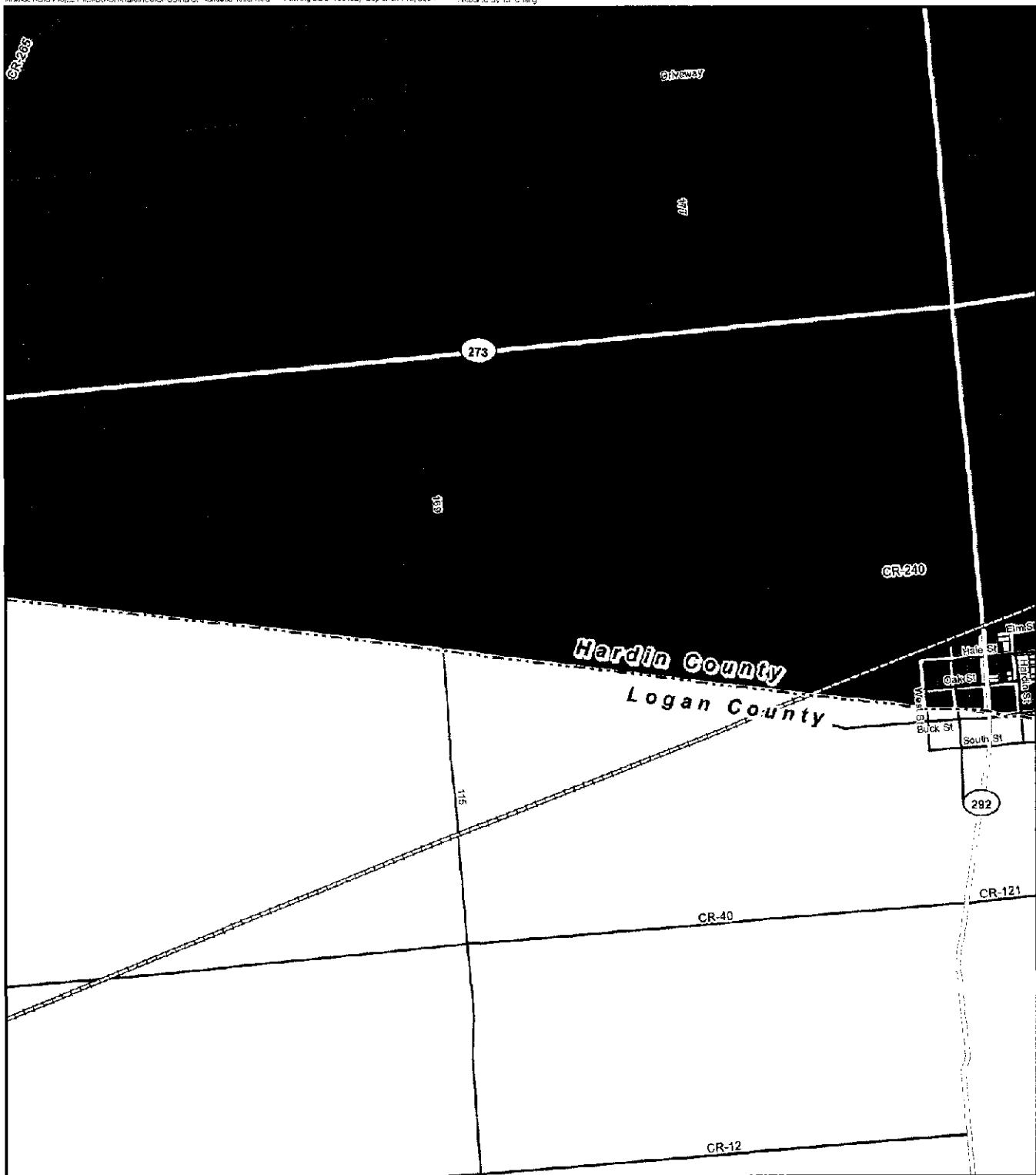
Land Use Map

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009

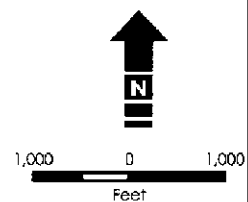




Legend

- | | | |
|---|--|---|
| <ul style="list-style-type: none"> ○ Proposed 1.5 XLE Turbine Location — Proposed Access Road — Proposed Collection Routing To 345kV Line — Primary Highway — Primary Road — Secondary Road — Local Road | <ul style="list-style-type: none"> — Railroad — River — Water Body ▨ Educational Institution ▨ Park ▨ Study Area Boundary ▨ 5-Mile Project Boundary Setback | <ul style="list-style-type: none"> ▬ County Boundary ▬ Exempt ▬ Land Use Category ▬ Industrial ▬ Agricultural ▬ Commercial ▬ Public Utilities ▬ Residential |
|---|--|---|

Notes:
1. ESRI Data & Maps, 2007
2. Hardin County, State of Ohio



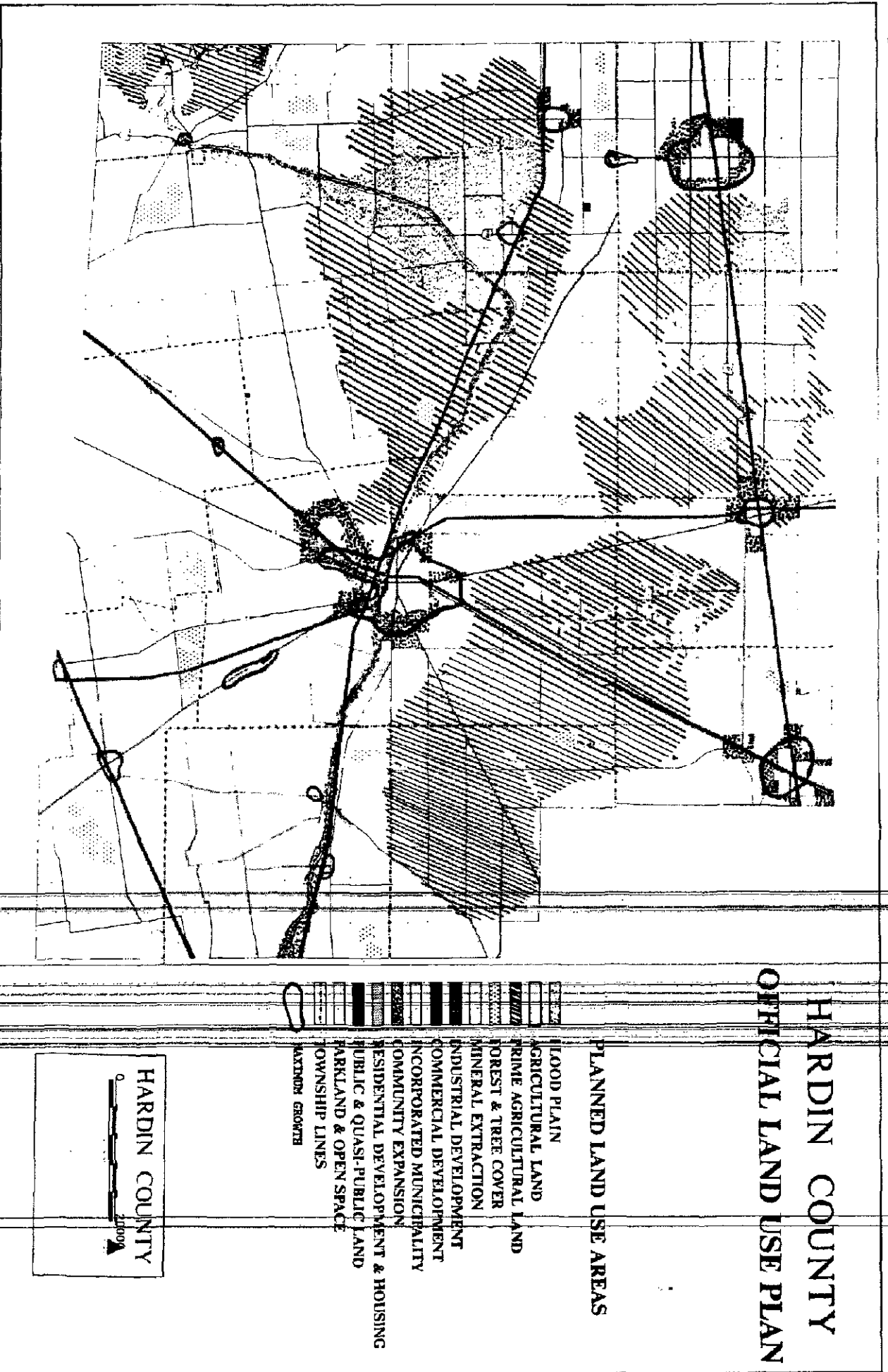
Land Use Map

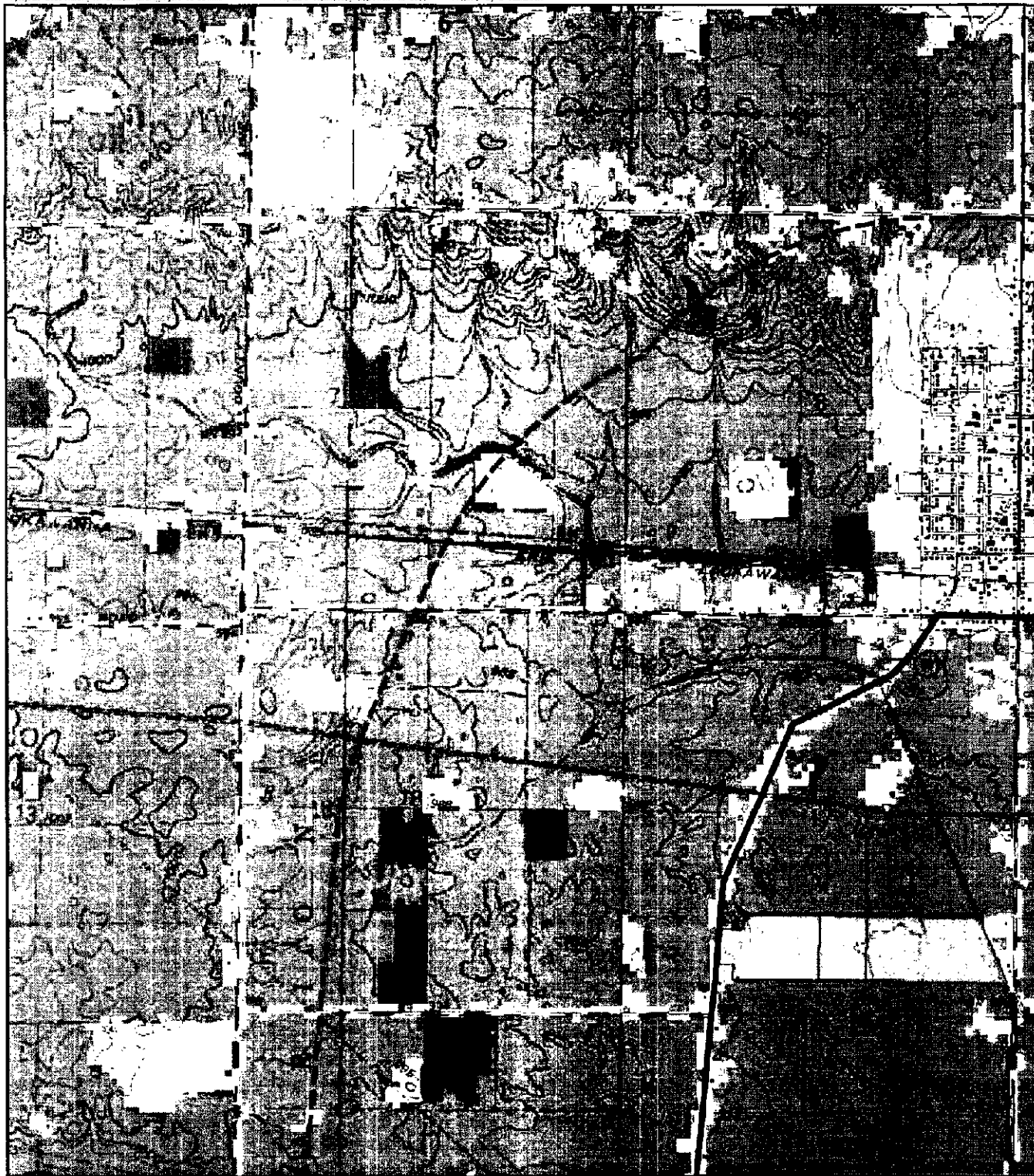
Hardin Wind Farm, Hardin County, Ohio

Rev. 01
September 16, 2009



Figure 08-04





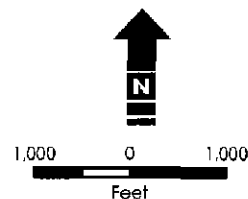
Legend

- | | |
|---|-----------------------|
| Proposed 1.5 XLE Turbine Location | Pasture/Hay |
| Proposed Access Road | Cultivated Crops |
| Proposed Collection Routing To 345kV Line | Agricultural District |
| 1-Mile Project Boundary Setback | |
| Study Area Boundary | |

Sheet 01 of 13

Notes:

1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Photoinsp. 1984
 - Alger Quadrangle, OH; 1951
 - Fensler Quadrangle, OH; 1961, Photoinsp. 1984
 - Roundhead Quadrangle, OH; 1950, Photorev. 1982
 - Silvercreek Quadrangle, OH; 1960, Photorev. 1973
2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
3. Hardin County, State of Ohio



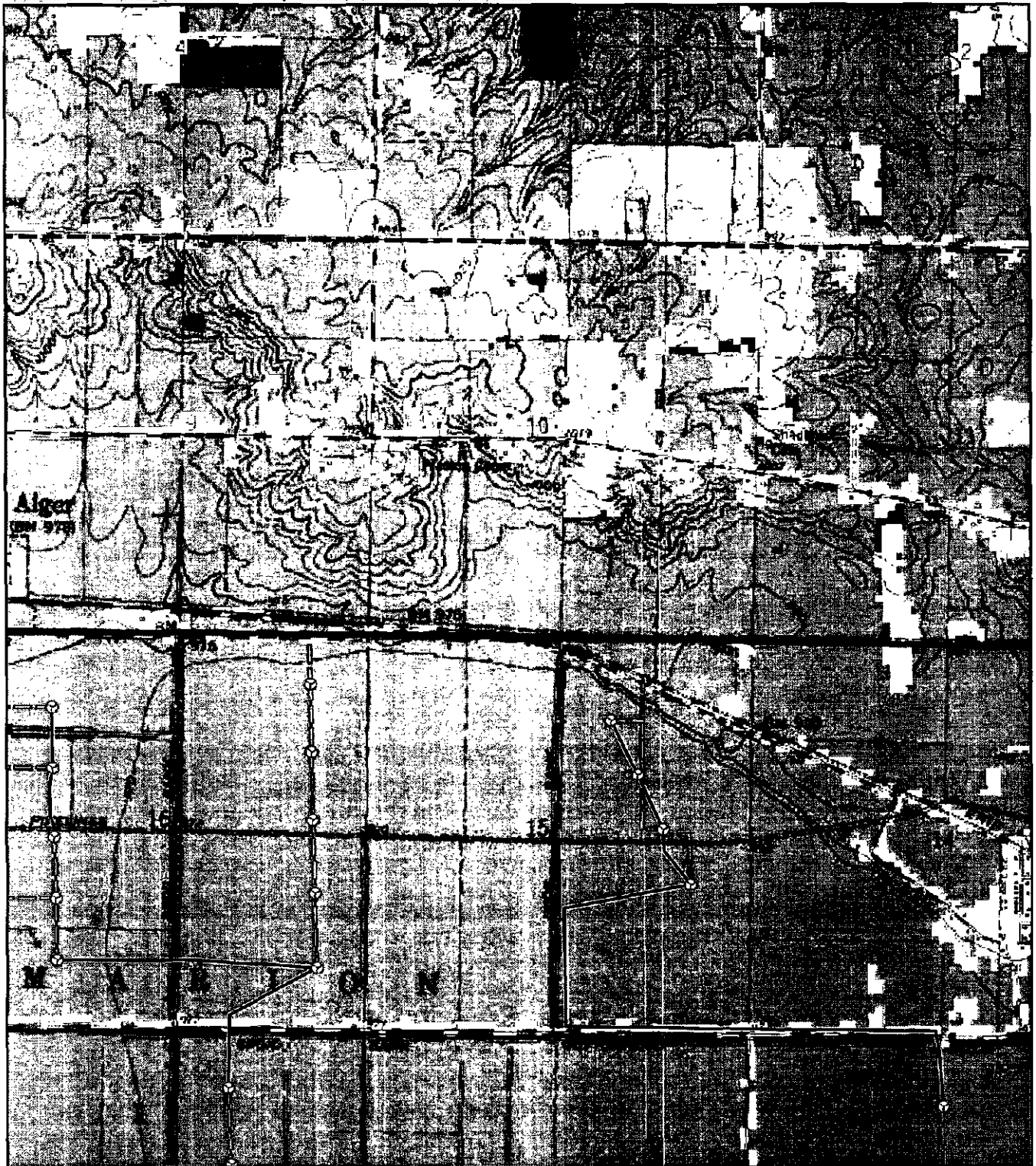
Agricultural Districts in Project Area

Hardin Wind Farm, Hardin County, Ohio

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September 16, 2009





Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Access Road
- Proposed Collection Routing To 345kV Line
- 1-Mile Project Boundary Setback
- Study Area Boundary
- Pasture/Hay
- Cultivated Crops
- Agricultural District

Sheet 02 of 13

Notes:

1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Photoinsp. 1964
 - Alger Quadrangle, OH; 1961
 - Foraker Quadrangle, OH; 1961, Photoinsp. 1964
 - Roundhead Quadrangle, OH; 1960, Photorev. 1982
 - Silvercreek Quadrangle, OH; 1960, Photorev. 1973
2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
3. Hardin County, State of Ohio



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Feet

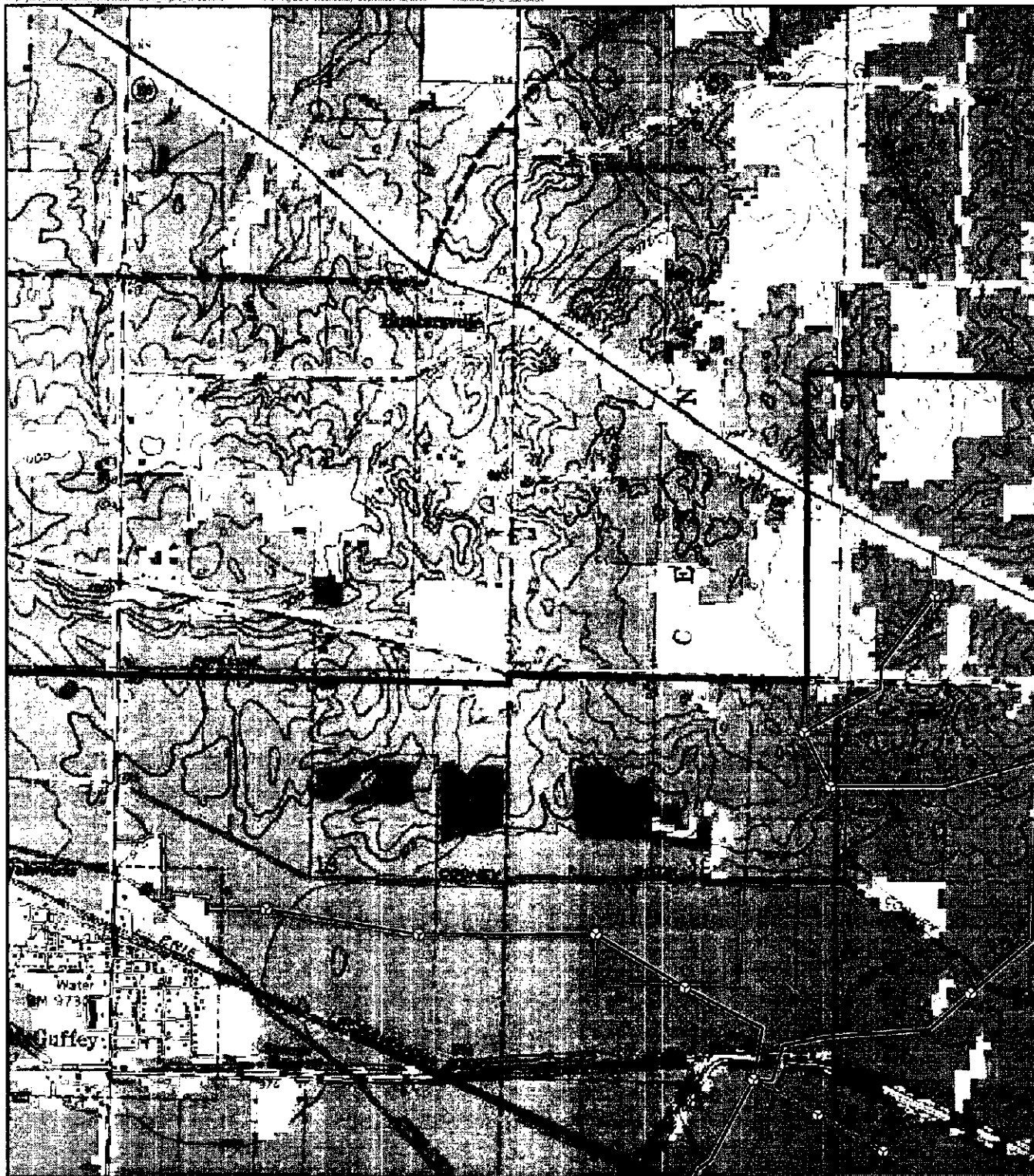
Agricultural Districts in Project Area

Hardin Wind Farm, Hardin County, Ohio

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September 16, 2009





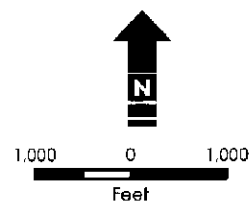
Legend

- | | | | |
|--|---|--|-----------------------|
| | Proposed 1.5 XLE Turbine Location | | Pasture/Hay |
| | Proposed Access Road | | Cultivated Crops |
| | Proposed Collection Routing To 345kV Line | | Agricultural District |
| | 1-Mile Project Boundary Setback | | |
| | Study Area Boundary | | |

Sheet 03 of 13

Notes

1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Photoinsp. 1984
 - Alger Quadrangle, OH; 1961
 - Foraker Quadrangle, OH; 1961, Photoinsp. 1984
 - Roundhead Quadrangle, OH; 1960, Photorev. 1982
 - Silvercreek Quadrangle, OH; 1960, Photorev. 1973
2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
3. Hardin County, State of Ohio



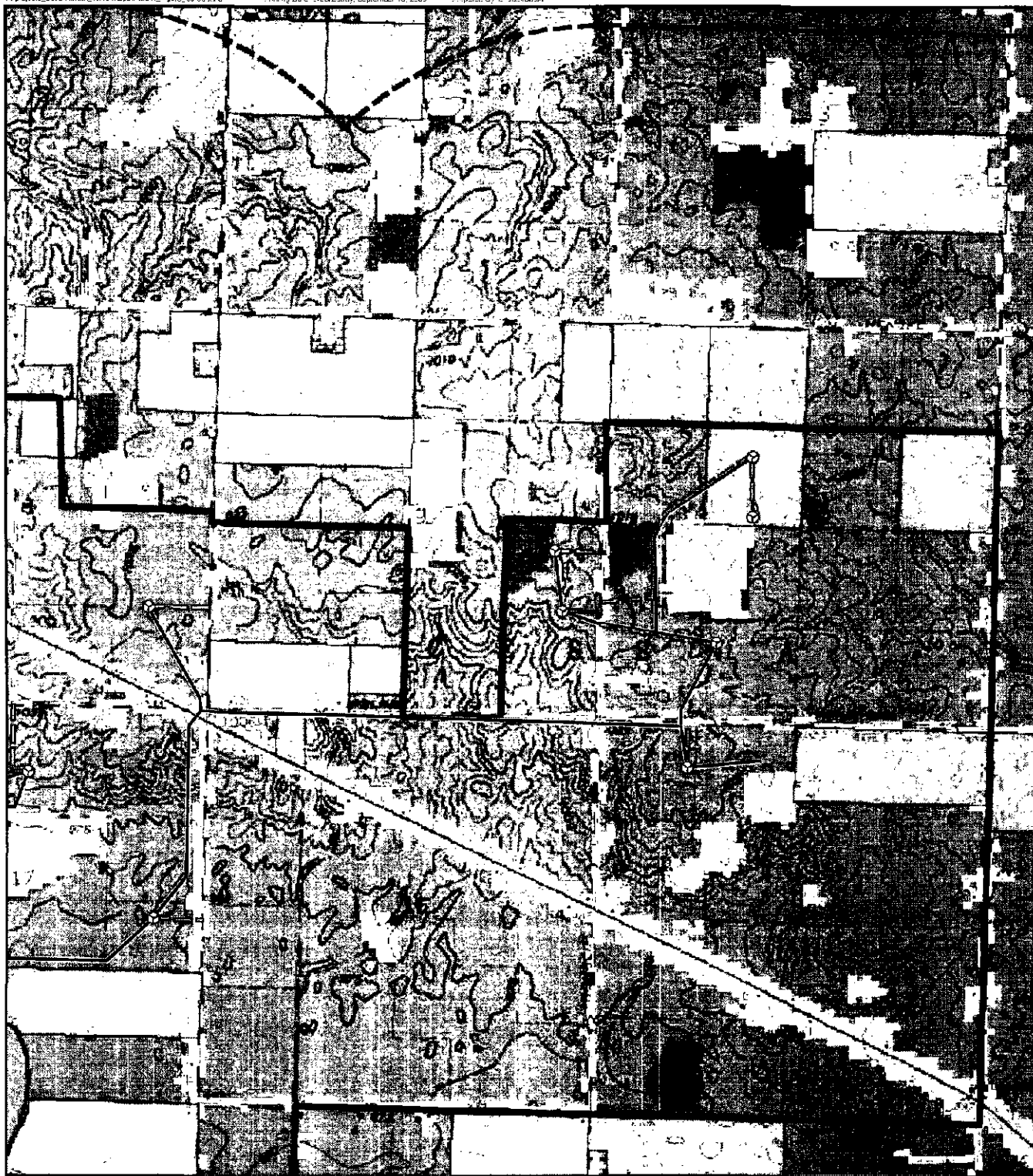
Agricultural Districts in Project Area

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009





Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Access Road
- Proposed Collection Routing To 345kV Line
- 1-Mile Project Boundary Setback
- Study Area Boundary
- Pasture/Hay
- Cultivated Crops
- Agricultural District

Sheet 04 of 13

Notes:

1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Phototop. 1964
 - Alger Quadrangle, OH; 1961
 - Foraker Quadrangle, OH; 1961, Phototop. 1964
 - Roundhead Quadrangle, OH; 1960, Phototop. 1962
 - Silvercreek Quadrangle, OH; 1960, Phototop. 1973
2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
3. Hardin County, State of Ohio



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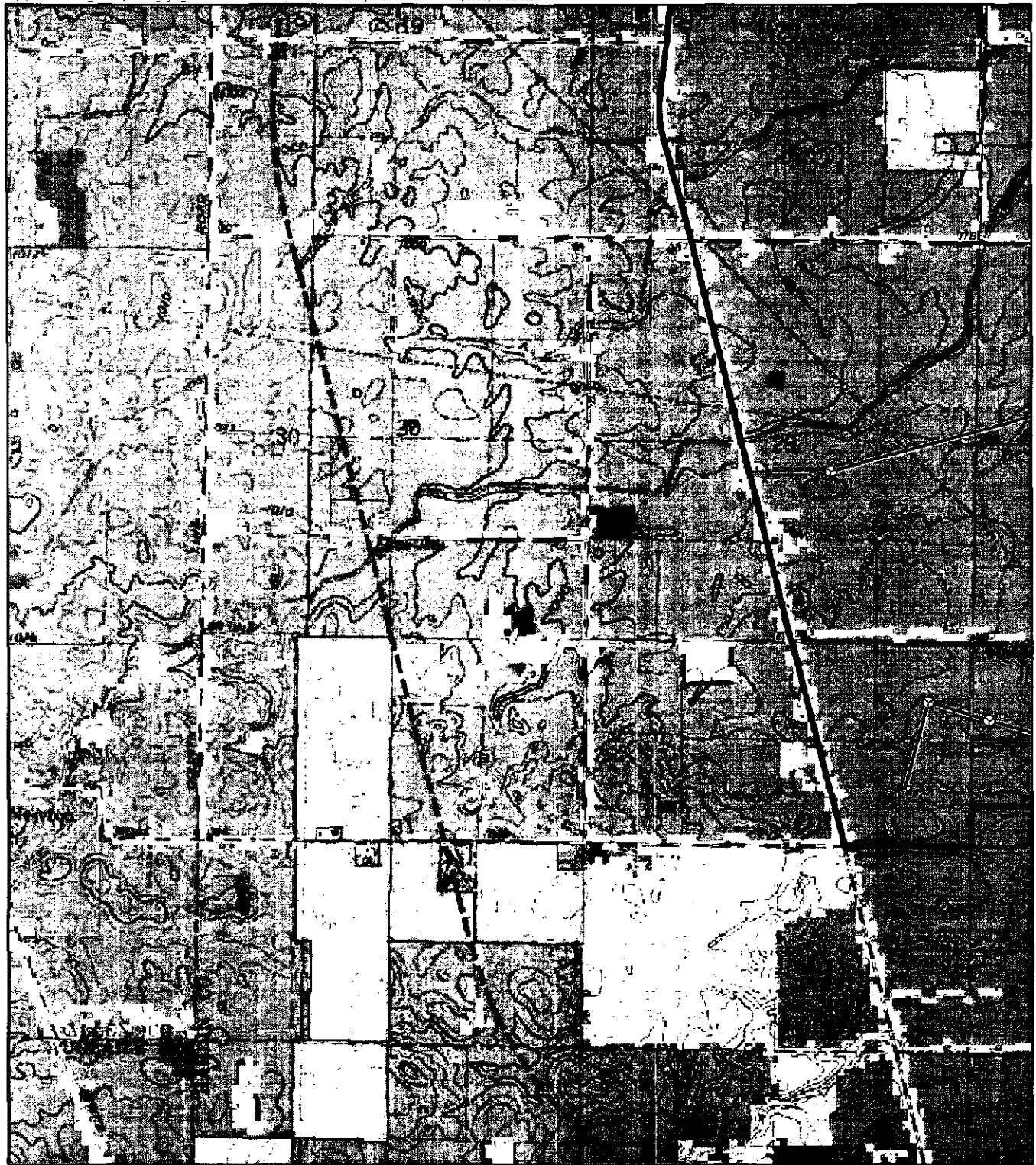
Agricultural Districts in Project Area

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009





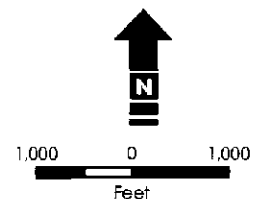
Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Access Road
- Proposed Collection Routing To 345kV Line
- 1-Mile Project Boundary Setback
- Study Area Boundary
- Pasture/Hay
- Cultivated Crops
- Agricultural District

Sheet 05 of 13

Notes:

1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Photoinsp. 1984
 - Alger Quadrangle, OH; 1961
 - Foraker Quadrangle, OH; 1961, Photoinsp. 1984
 - Roundhead Quadrangle, OH; 1960, Photorev. 1962
 - Silvercreek Quadrangle, OH; 1960, Photorev. 1973
2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
3. Hardin County, State of Ohio



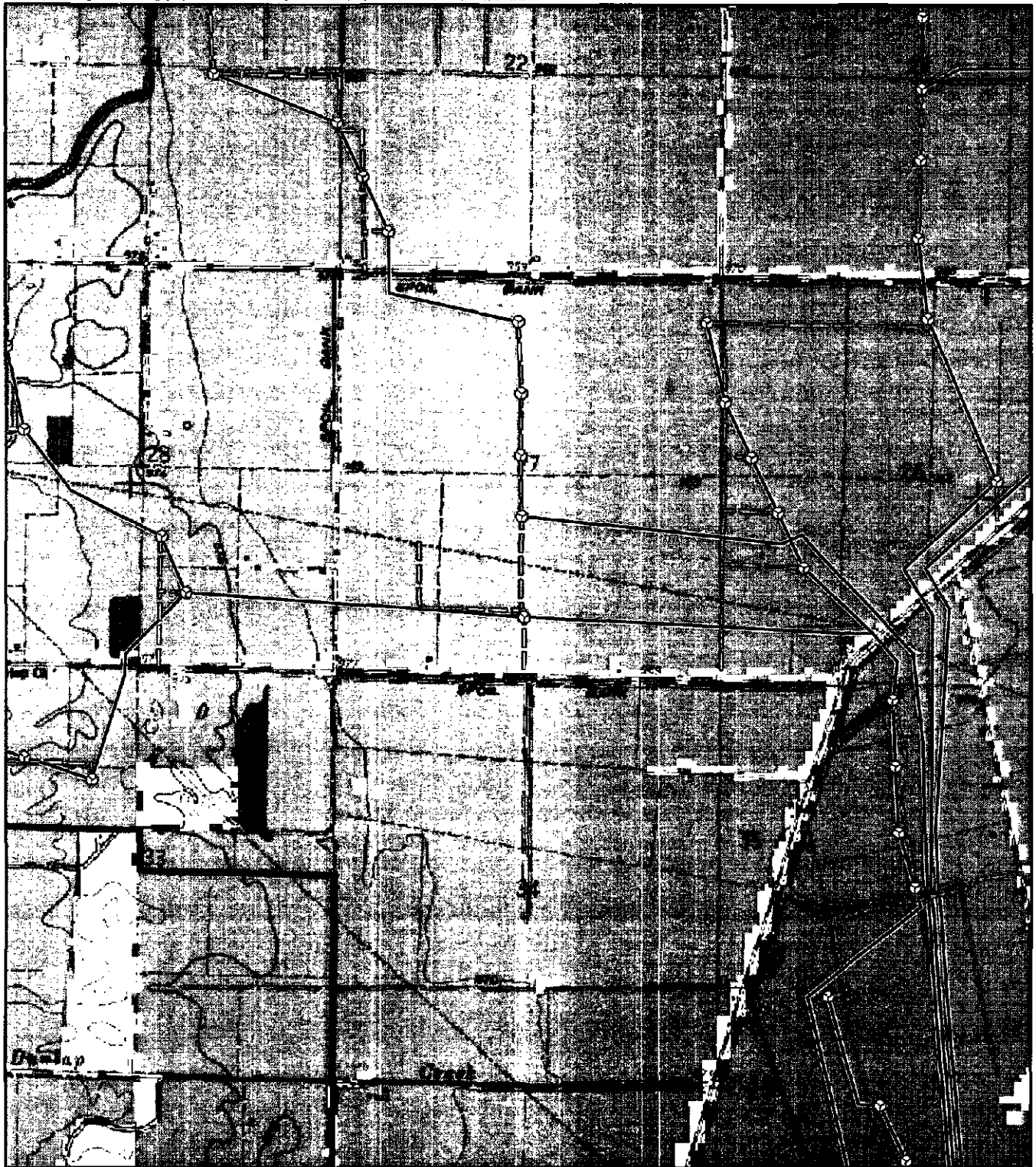
Agricultural Districts in Project Area

Hardin Wind Farm, Hardin County, Ohio

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September 16, 2009





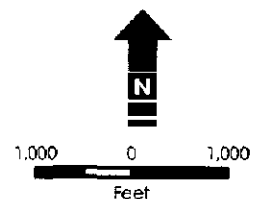
Legend

- | | | | |
|--|---|--|-----------------------|
| | Proposed 1.5 XLE Turbine Location | | Pasture/Hay |
| | Proposed Access Road | | Cultivated Crops |
| | Proposed Collection Routing To 345kV Line | | Agricultural District |
| | 1-Mile Project Boundary Setback | | |
| | Study Area Boundary | | |

Sheet 06 of 13

Notes:

1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Photoinsp. 1984
 - Alger Quadrangle, OH; 1961
 - Foraker Quadrangle, OH; 1961, Photoinsp. 1984
 - Roundhead Quadrangle, OH; 1960, Photorev. 1982
 - Silvercreek Quadrangle, OH; 1960, Photorev. 1973
2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
3. Hardin County, State of Ohio



Agricultural Districts in Project Area

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009





Legend

-  Proposed 1.5 XLE Turbine Location
-  Proposed Access Road
-  Proposed Collection Routing To 345kV Line
-  1-Mile Project Boundary Setback
-  Study Area Boundary
-  Pasture/Hay
-  Cultivated Crops
-  Agricultural District

Sheet 07 of 13

Notes:

1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Photoinsp. 1984
 - Alger Quadrangle, OH; 1961
 - Forsaker Quadrangle, OH; 1961, Photoinsp. 1984
 - Roundhead Quadrangle, OH; 1960, Photorev. 1982
 - Silvercreek Quadrangle, OH; 1960, Photorev. 1973
2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
3. Hardin County, State of Ohio



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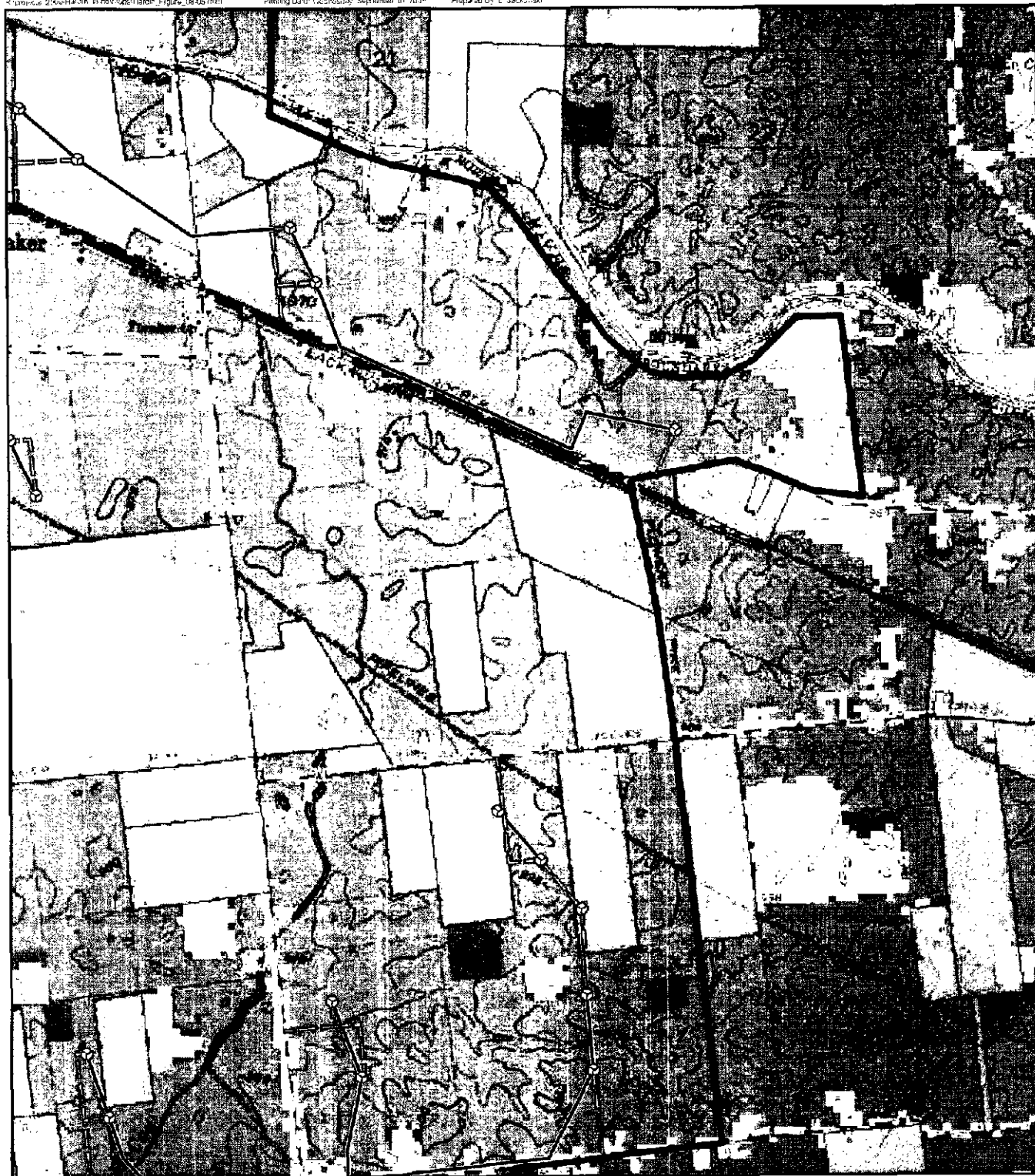
Agricultural Districts in Project Area

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009





Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Access Road
- Proposed Collection Routing To 345kV Line
- 1-Mile Project Boundary Setback
- Study Area Boundary
- Pasture/Hay
- Cultivated Crops
- Agricultural District

Sheet 08 of 13

Notes:

1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Photoinsp. 1984
 - Alger Quadrangle, OH; 1961
 - Foraker Quadrangle, OH; 1961, Photoinsp. 1984
 - Roundhead Quadrangle, OH; 1960, Photorev. 1982
 - Silvercreek Quadrangle, OH; 1960, Photorev. 1973
2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
3. Hardin County, State of Ohio



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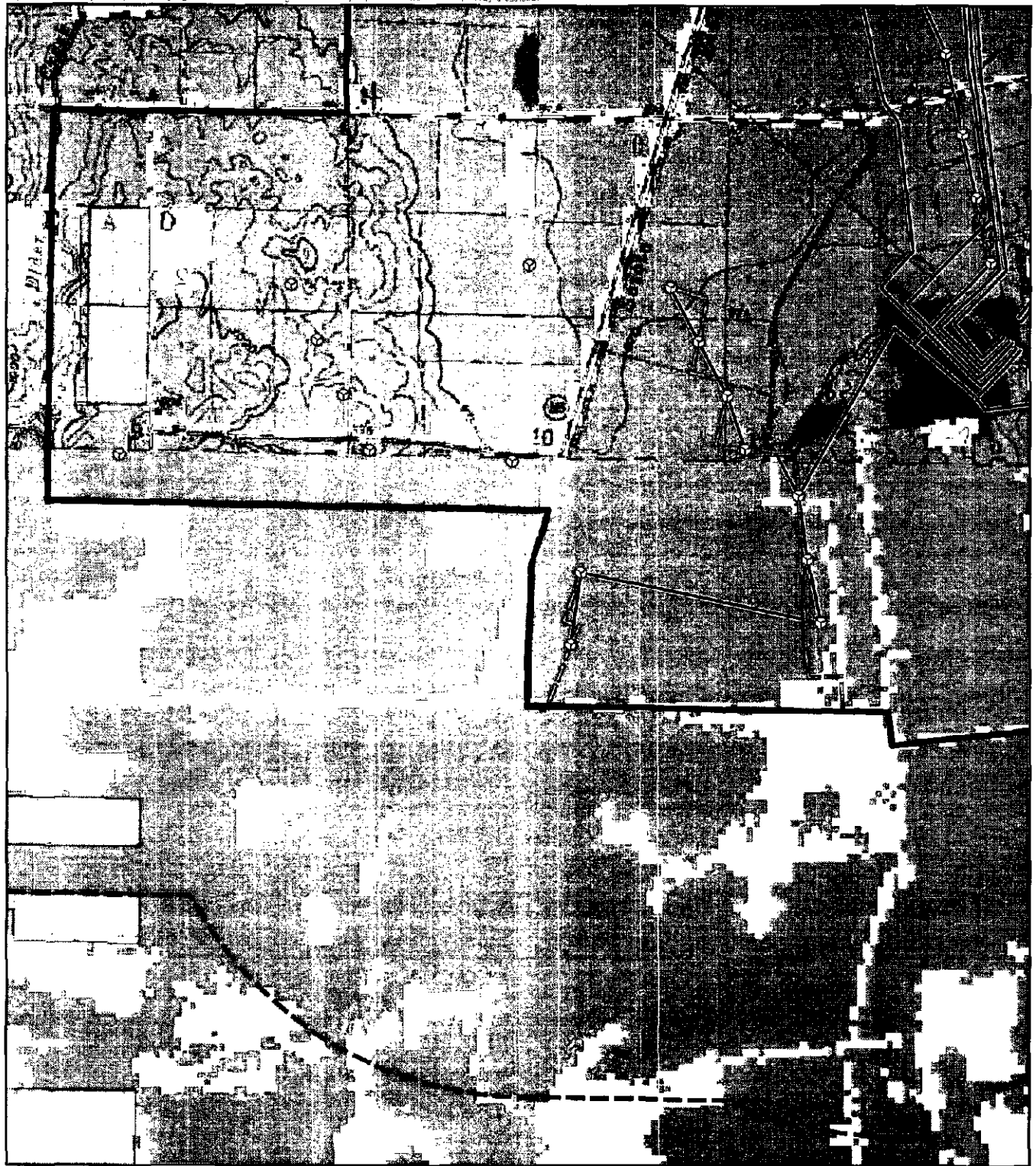
Agricultural Districts in Project Area

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009





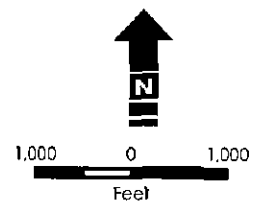
Legend

- | | | | |
|--|---|--|-----------------------|
| | Proposed 1.5 XLE Turbine Location | | Pasture/Hay |
| | Proposed Access Road | | Cultivated Crops |
| | Proposed Collection Routing To 345kV Line | | Agricultural District |
| | 1-Mile Project Boundary Setback | | |
| | Study Area Boundary | | |

Sheet 09 of 13

Notes:

1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Photoinsp. 1964
 - Alger Quadrangle, OH; 1961
 - Foraker Quadrangle, OH; 1961, Photoinsp. 1964
 - Roundhead Quadrangle, OH; 1960, Photorev. 1982
 - Silvercreek Quadrangle, OH; 1960, Photorev. 1973
2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
3. Hardin County, State of Ohio



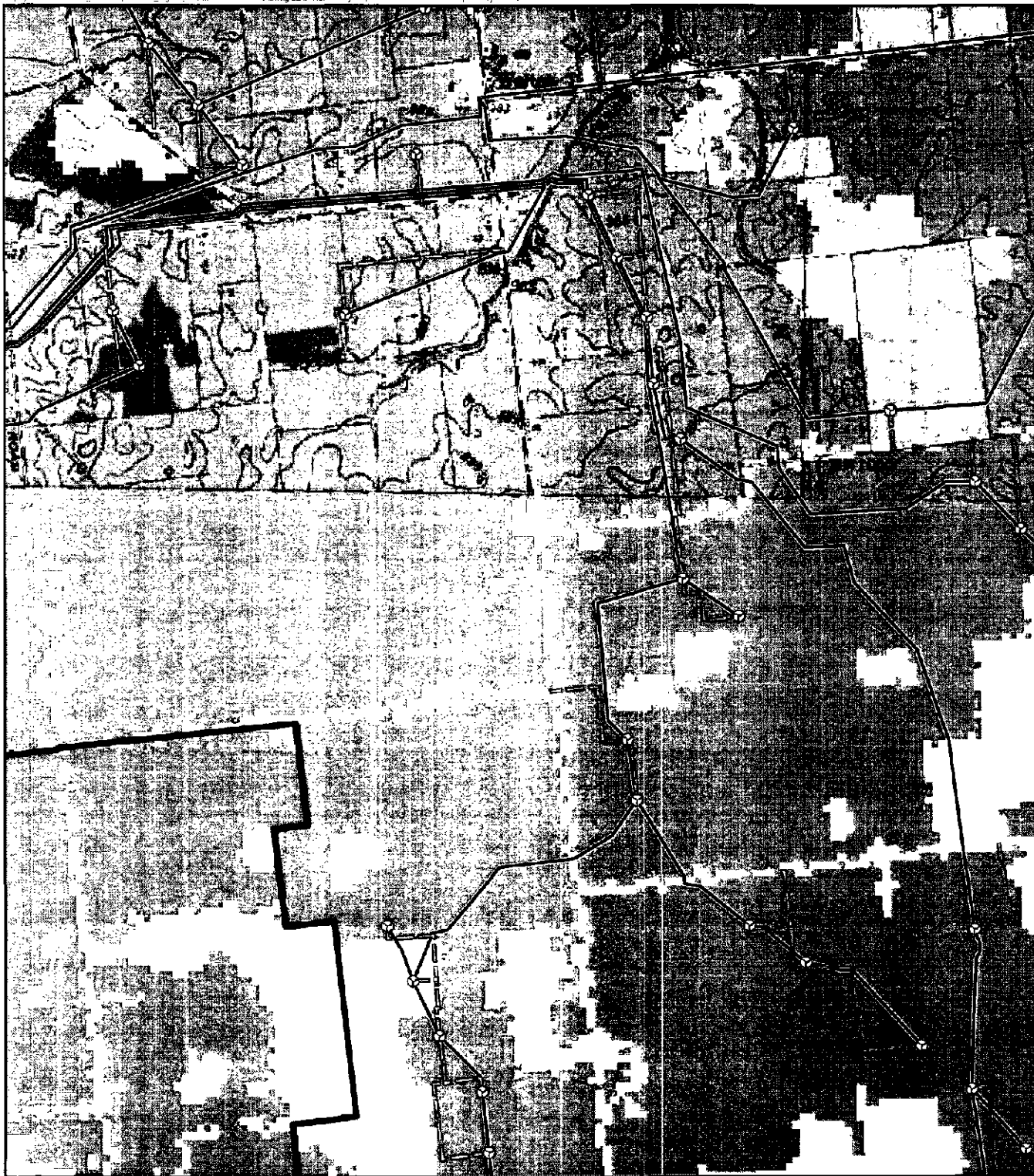
Agricultural Districts in Project Area

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009





Legend

- Proposed 1.5 XLE Turbine Location
- Proposed Access Road
- Proposed Collection Routing To 345kV Line
- 1-Mile Project Boundary Setback
- Study Area Boundary
- Pasture/Hay
- Cultivated Crops
- Agricultural District

Sheet 10 of 13

Notes:

1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Photoinsp. 1964
 - Alger Quadrangle, OH; 1961
 - Forker Quadrangle, OH; 1961, Photoinsp. 1984
 - Roundhead Quadrangle, OH; 1960, Photorev. 1982
 - Silvercreek Quadrangle, OH; 1960, Photorev. 1973
2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
3. Hardin County, State of Ohio



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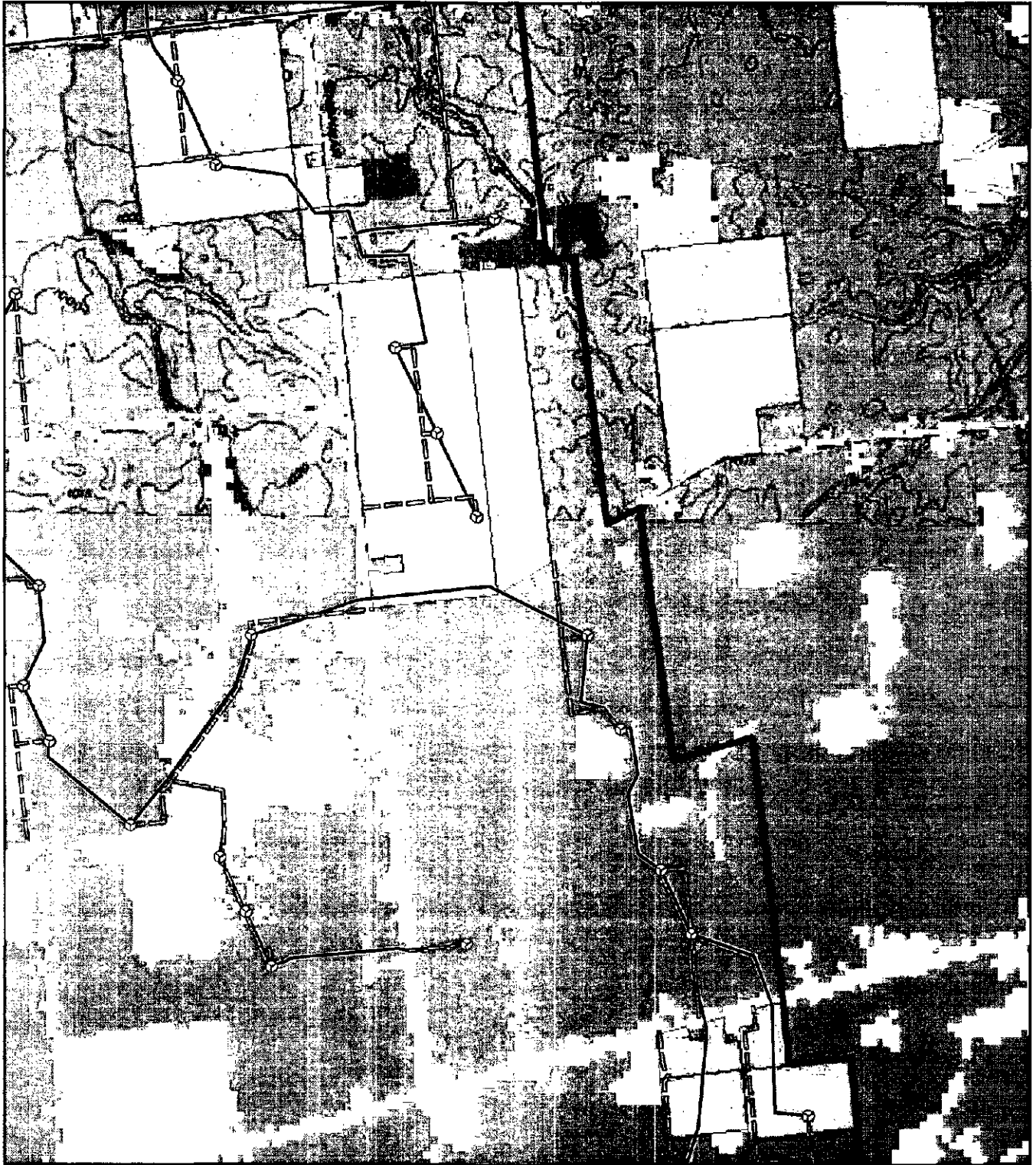
Agricultural Districts in Project Area

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009





Legend

- ⊗ Proposed 1.5 XLE Turbine Location
- Proposed Access Road
- Proposed Collection Routing To 345kV Line
- 1-Mile Project Boundary Setback
- Study Area Boundary
- Pasture/Hay
- Cultivated Crops
- Agricultural District

Notes:

1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Photoinsp. 1984
 - Alger Quadrangle, OH; 1961
 - Foraker Quadrangle, OH; 1961, Photoinsp. 1984
 - Roundhead Quadrangle, OH; 1960, Photoinsp. 1982
 - Silvercreek Quadrangle, OH; 1960, Photoinsp. 1973
2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
3. Hardin County, State of Ohio



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Feet

Sheet 11 of 13

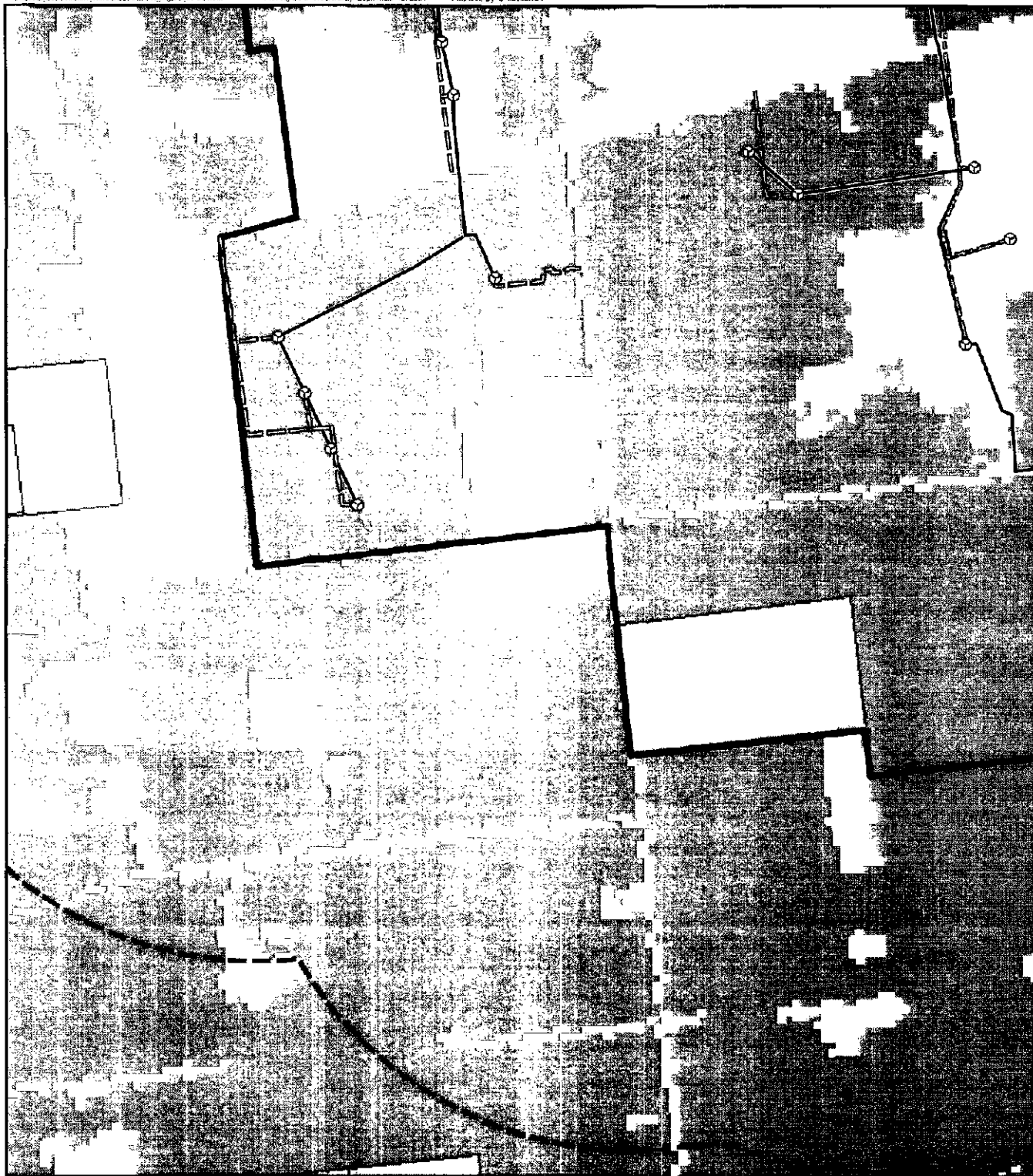
Agricultural Districts in Project Area

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009





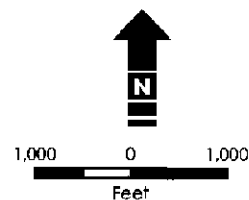
Legend

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| | |
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| | |
| | |
| | |

Sheet 12 of 13

Notes:

1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Photorep. 1984
 - Alger Quadrangle, OH; 1961
 - Foraker Quadrangle, OH; 1961, Photorep. 1984
 - Roundhead Quadrangle, OH; 1960, Photorep. 1982
 - Silvercreek Quadrangle, OH; 1960, Photorep. 1973
2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
3. Hardin County, State of Ohio



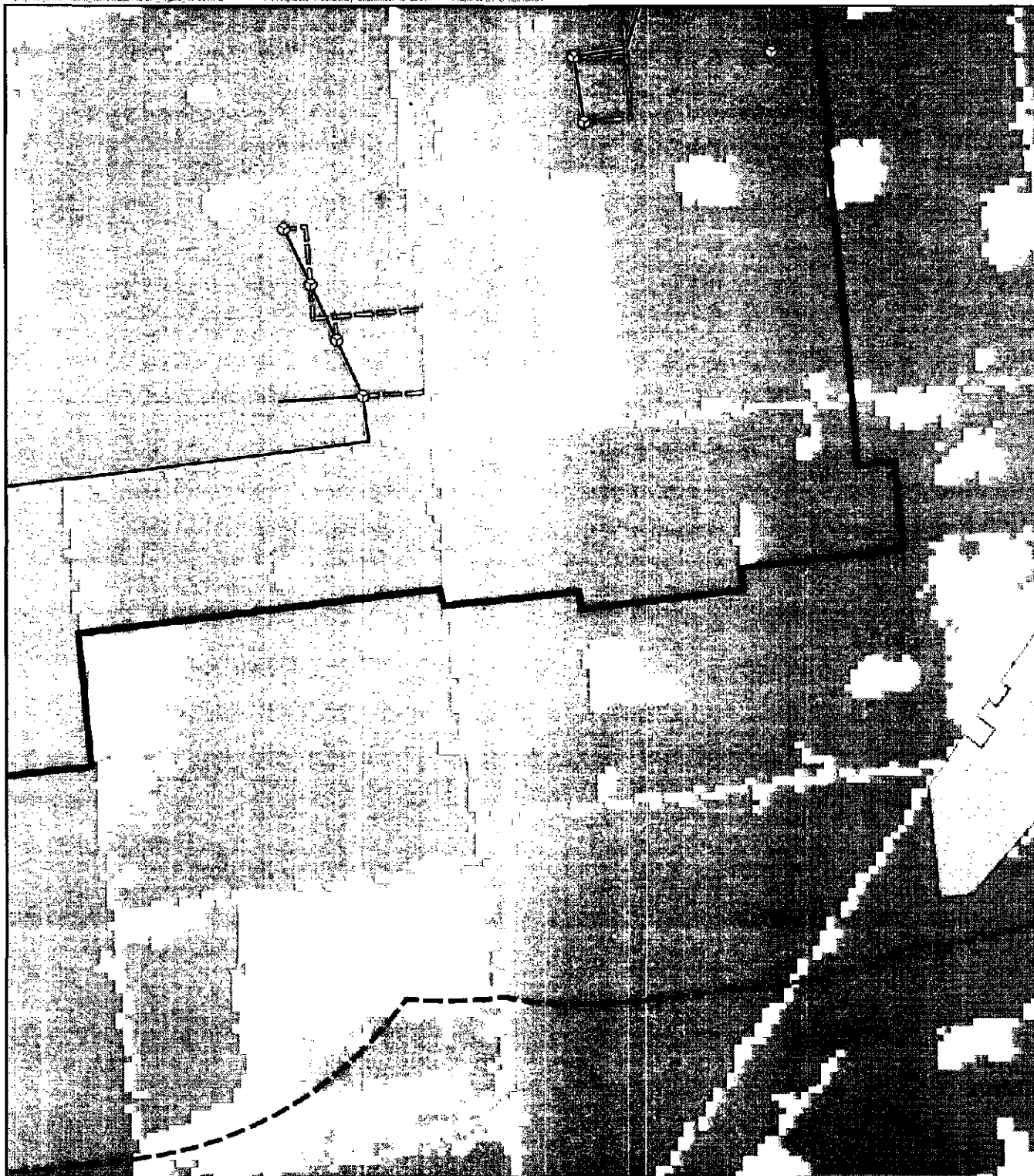
Agricultural Districts in Project Area

Hardin Wind Farm, Hardin County, Ohio

Rev. 01

September 16, 2009





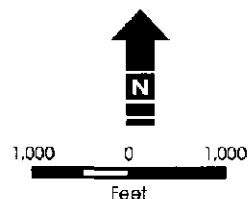
Legend

- | | |
|---|-----------------------|
| Proposed 1.5 XLE Turbine Location | Pasture/Hay |
| Proposed Access Road | Cultivated Crops |
| Proposed Collection Routing To 345kV Line | Agricultural District |
| 1-Mile Project Boundary Setback | |
| Study Area Boundary | |

Sheet 13 of 13

Notes:

1. U.S.G.S. 7.5 Minute Series Topographic Maps:
 - Harrod Quadrangle, OH; 1961, Phototop. 1984
 - Alger Quadrangle, OH; 1961
 - Foraker Quadrangle, OH; 1961, Phototop. 1984
 - Roundhead Quadrangle, OH; 1960, Phototop. 1982
 - Silvercreek Quadrangle, OH; 1960, Phototop. 1973
2. Multi-Resolution Land Characteristics Consortium (MRLC) National Land Cover Database (NLCD) 2001
3. Hardin County, State of Ohio



Agricultural Districts in Project Area

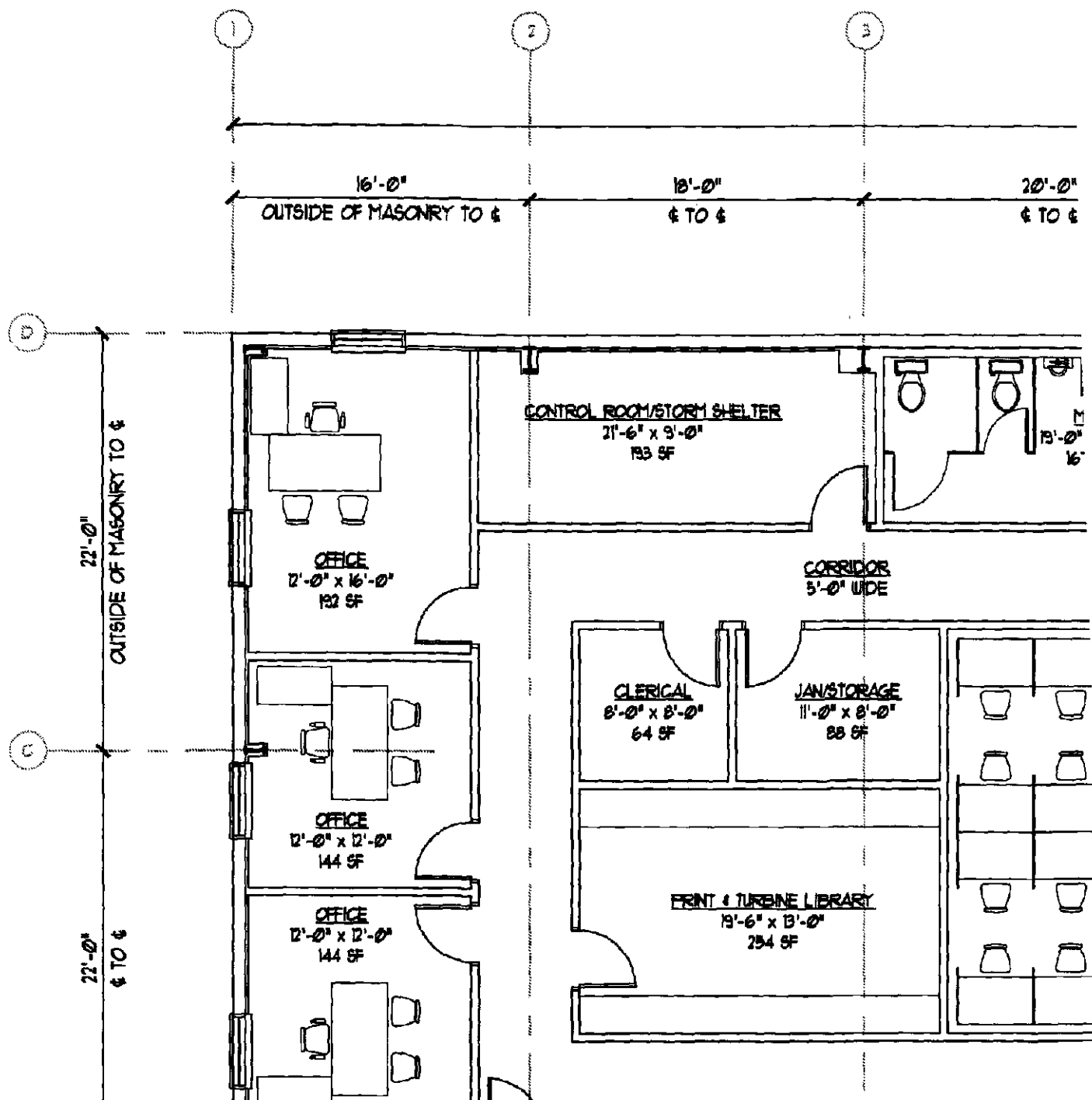
Hardin Wind Farm, Hardin County, Ohio

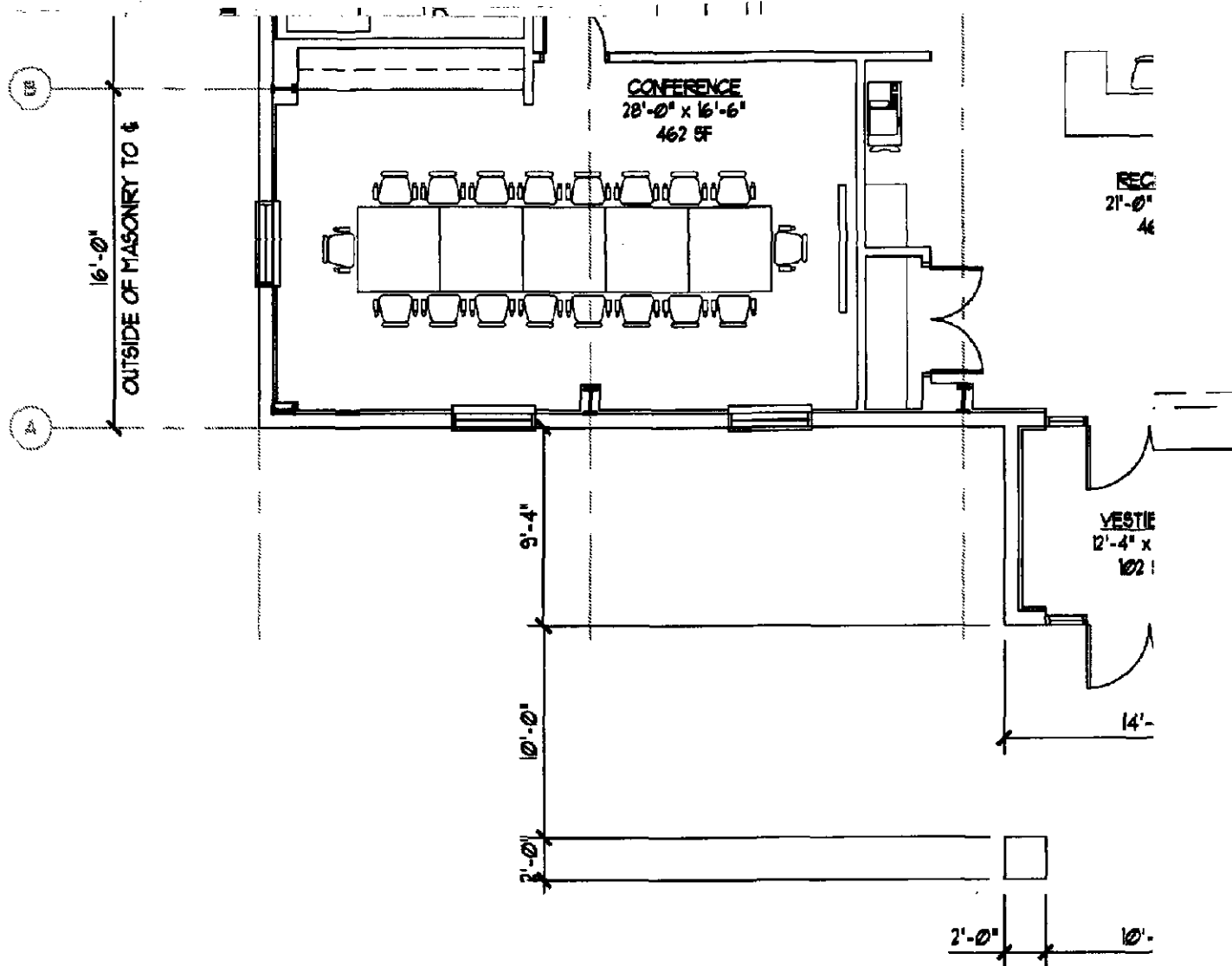
Rev. 01

September 16, 2009



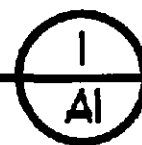
Figure 05-12



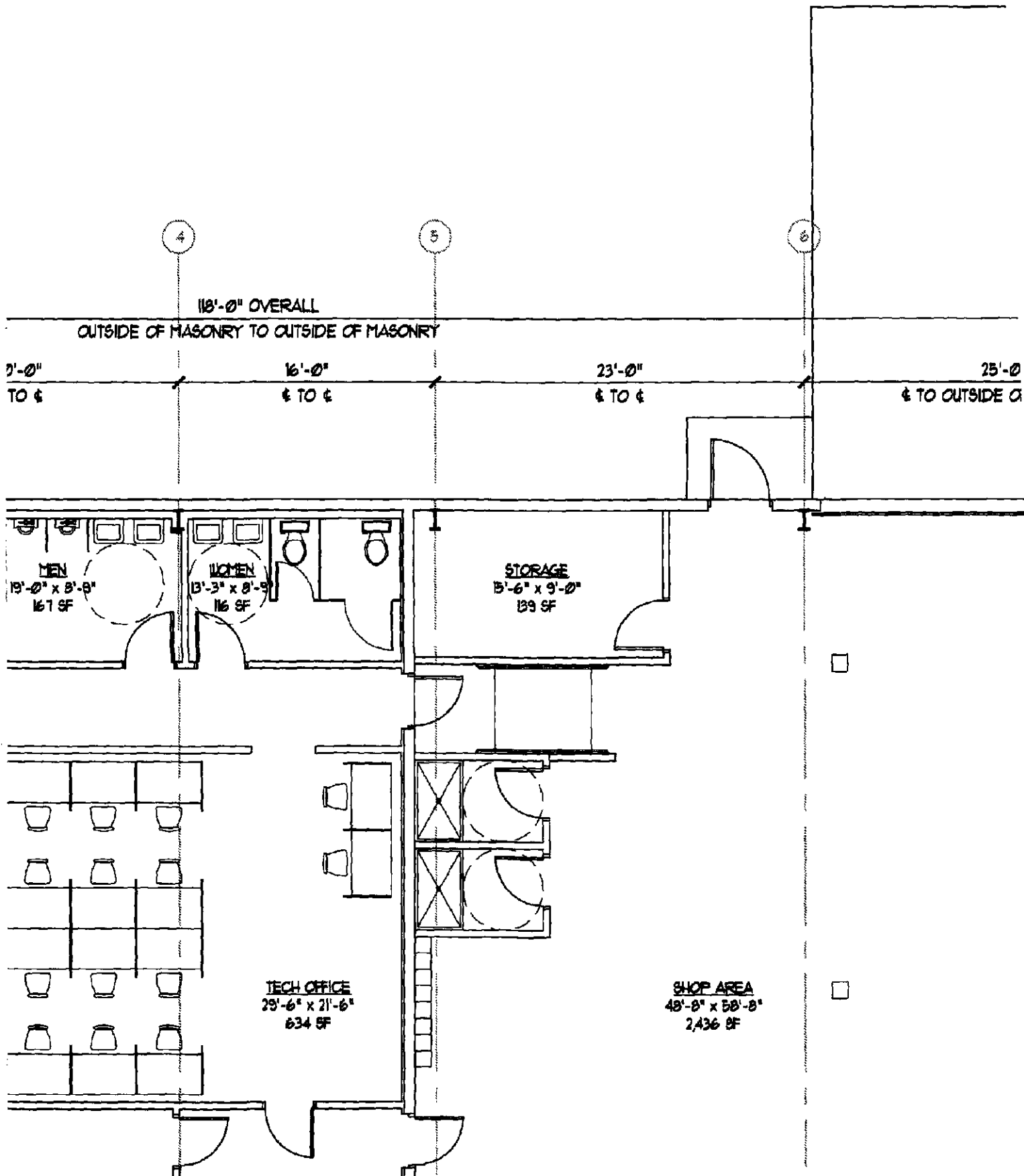


PROPOSED PLAN

SCALE: 1/8" = 1'-0"



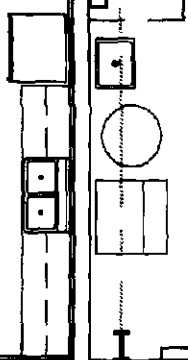
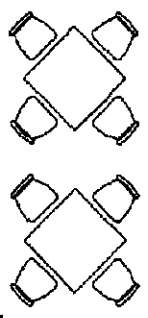
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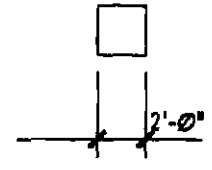


OPTION
22'-0"
8F

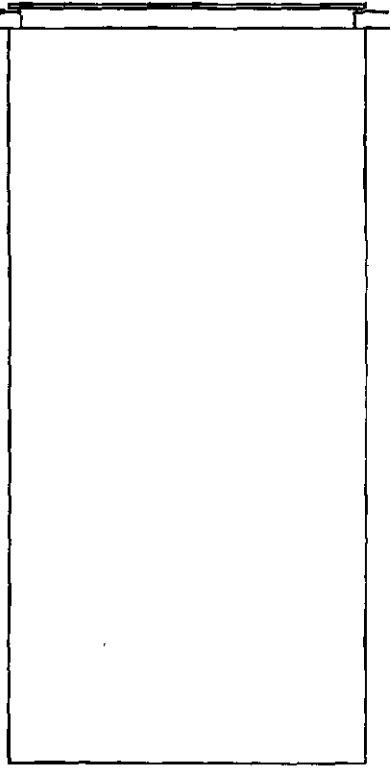
BREAK ROOM
14'-0" x 22'-0"
302 SF



4'-0"



2'-0"



SONRY

HAZARD STORAGE
8'-0" x 12'-0"
96 SF

25'-0"

± TO ±

60'-0" OVERALL

OUTSIDE OF MASONRY TO OUTSIDE OF MASONRY

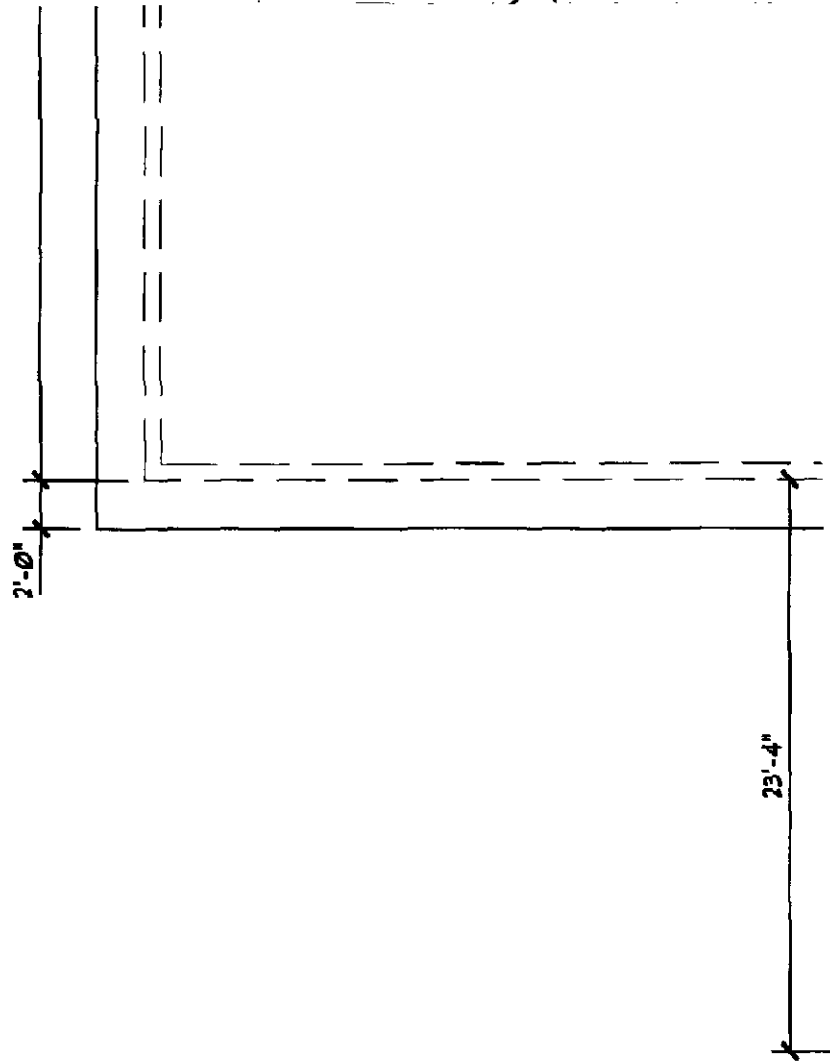
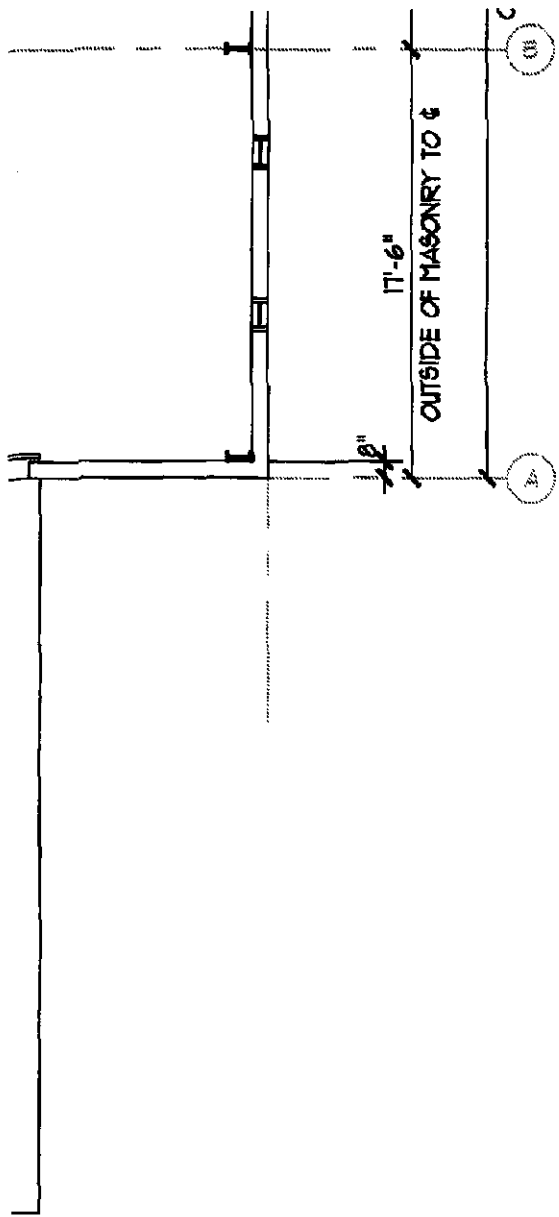
17'-6"

OUTSIDE OF MASONRY TO ±

60'-0"

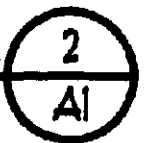
2'-0"

2'-0"



PROPOSED ROOF PLAN

SCALE: 1/8" = 1'-0"



127'-0"

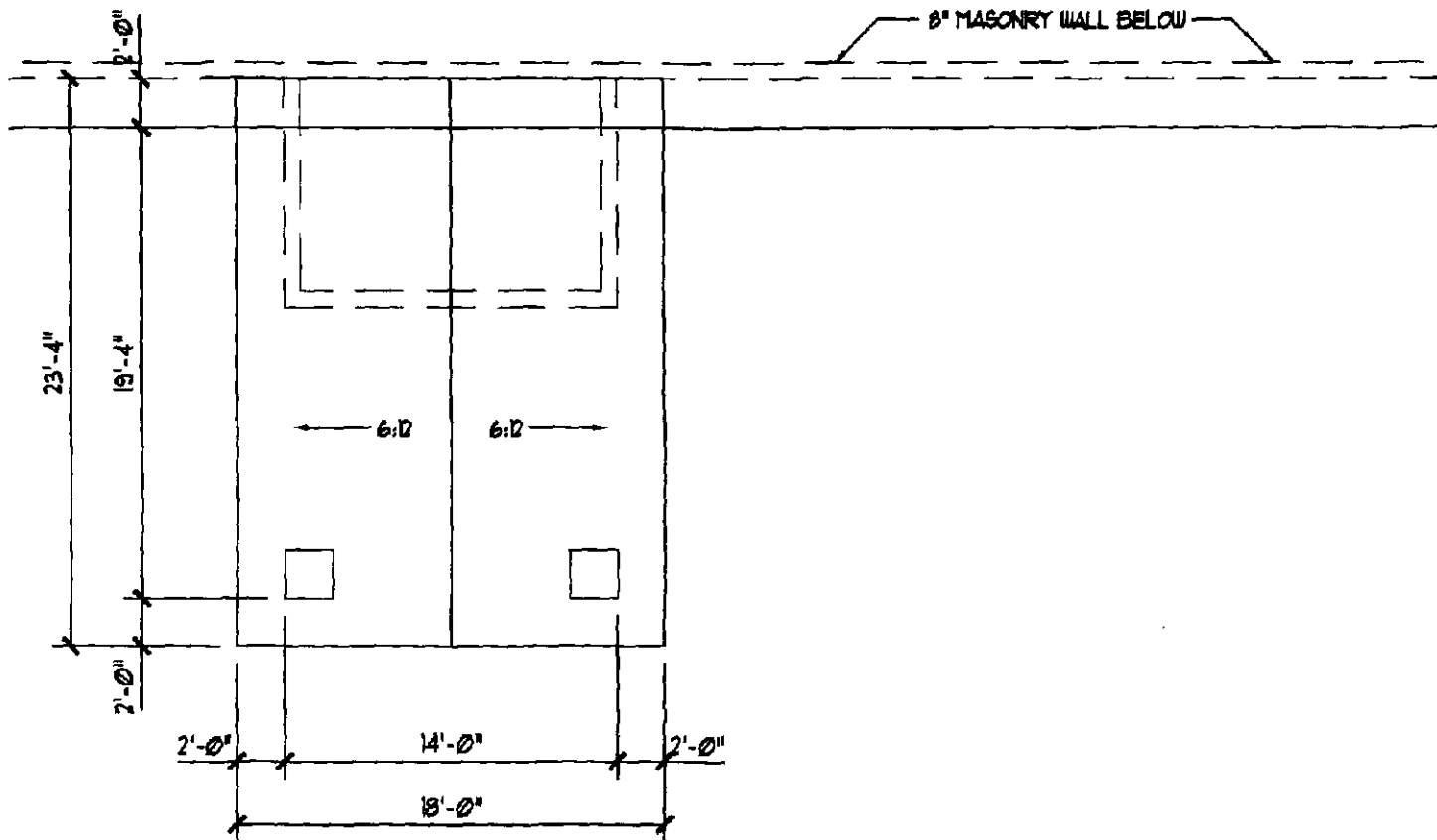
118'-0"

8" MASONRY WALL BELOW

6:12 ROOF SLOPE

STANDING SEAM METAL ROOF

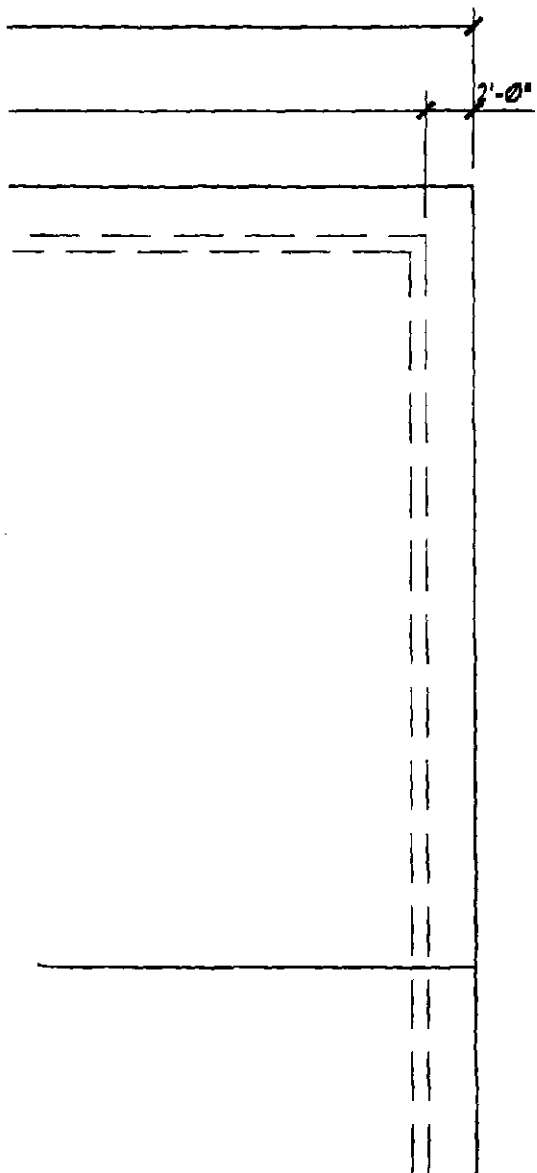
6:12 ROOF SLOPE



DRAWINGS /

REV	ISSUE DATE
	9-19-2008

Following is an excerpt from the person unless he is acting and bearing the seal of an architect



L BELOW

DRAWINGS ARE PRELIMINARY. NOT FOR CONSTRUCTION.

REV	ISSUE DATE	DESCRIPTION	LAYER	BY
	9-19-2008	FOUNDATION DRAWINGS ISSUED FOR PERMIT		TSG

Following is an excerpt from the New York State Education Law, Article 145, Section 7209 & applies to this drawing. It is a violation of this law for any person unless he is acting under the direct supervision of a licensed Architect or a licensed professional engineer to alter an item in any way. If an item bearing the seal of an architect or engineer is altered, the altering architect or engineer shall affix his seal and the notation, "ALTERED BY" followed by his signature and date of such alteration and a specific description of the alteration.



Lehigh
Construction Group, Inc.

**INVENERGY O&M BUILDING
NORTH SHELDON ROAD
SHELDON, NEW YORK**

DRAWINGS ARE PRELIMINARY. NOT FOR CONSTRUCTION.

REV	ISSUE DATE	DESCRIPTION	LAYER	BY
	9-19-2008	FOUNDATION DRAWINGS ISSUED FOR PERMIT		TSG

Following is an excerpt from the New York State Education Law, Article 145, Section 7209 & applies to this drawing. It is a violation of this law for any person unless he is acting under the direct supervision of a licensed Architect or a licensed professional engineer to alter an item in any way. If an item bearing the seal of an architect or engineer is altered, the altering architect or engineer shall affix his seal and the notation, "ALTERED BY" followed by his signature and date of such alteration and a specific description of the alteration.



Lehigh
Construction Group, Inc.

**INVENERGY O&M BUILDING
NORTH SHELDON ROAD
SHELDON, NEW YORK**

Scheid Architectural

111 Elmwood Avenue
Buffalo, NY 14201
Voice: 716.884.0059
Fax: 716.884.6414
E-Mail: mail@scheidaina.com

TITLE	PROJECT #	LAYOUT
PROPOSED FLOOR PLAN	2008-071	
	DATE	SCALE
	SEP-8-2008	AS NOTED
PROJECT	© 2008	SHEET
NEW OPERATIONS & MAINTENANCE BUILDING	SCHIED ARCHITECTURAL	A1

SOURCE FILE

PLOT DATE: