

A Wetland ...

- Is an area that is a transition between land and water
- Has a source of water
- Contains soil unique to wetlands
- Has aquatic vegetation
- Is verified as a wetland by US Army Corps of Engineers

Brief Description of Regulated Wetland Resources



Wetlands

3 Wetland Categories

Category 1 - lowest quality

Category 2

Category 3 - highest quality

Clean Water Act Requires Two Permits:

- **U.S. Army Corps of Engineers**
Nationwide Permit 12
- **Ohio EPA**
401 Water Quality Certification

General Information

- Applicants:
American Transmission Systems, Inc. (ATSI)
and the Cleveland Electric Illuminating Co.
(CEI) which are subsidiaries of First Energy
Corp.

General Information

- Location of Project:
 - Madison Township in Lake County
 - Thompson, Montville and Huntsburg townships in Geauga County

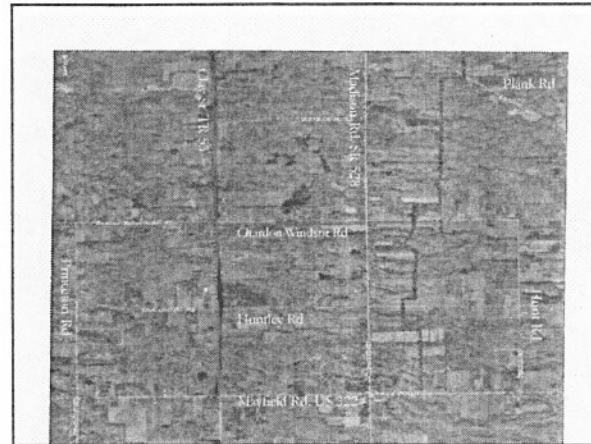
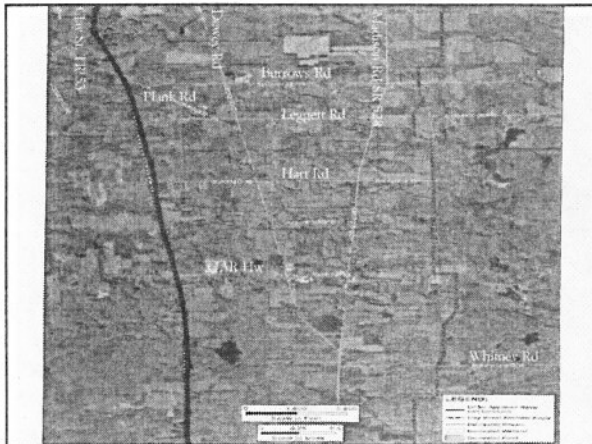
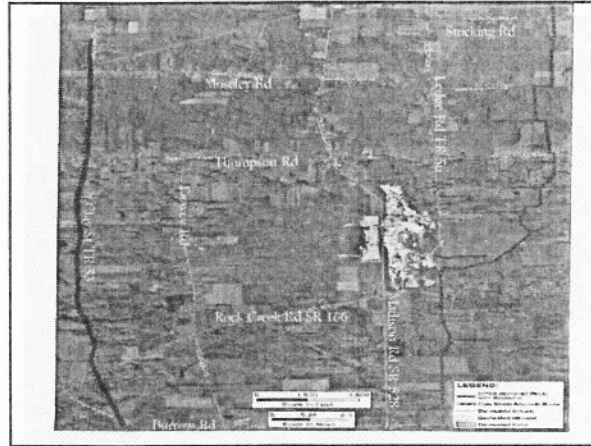
General Information

- Purpose:
To construct a looped extension of an existing 138 kV electric transmission line to supply a new distribution substation known as the Stacy Substation to provide additional capacity and reliability to CEI's distribution system along Mayfield Road.

Project Alternatives

- Ohio EPA requires the applicant to submit **three** project alternatives and a mitigation proposal:

Preferred Alternative
 Minimal Degradation Alternative (MDA)
 Non-Degradation Alternative (NDA)



Alternative Analysis - Impacts

	Corridor Miles	Wetlands in 60 ft Corridor	Streams in 60 ft Corridor	Wetland Fill at Substation (acres)	Poles Placed in Wetlands	Permanent Stream Crossings	Forested Wetlands Converted to Scrub Shrub Wetlands (acres)
Preferred Alternative	14.7	83	65	0.03	4	2	6.5
Minimal Degradation Alternative	12.05	29	23	0	1	0	1.7
Non-Deg Alternative	0	0	0	0	0	0	0

Mitigation - Preservation

	Stacy Substation	South of Burrows Rd.	Tice South	Tice North	SE Corner of Hidden Valley Golf Course	Total Acreage	Combined Wetland / Upland Acreage
Wetland Preservation (Acre)	4.23	0.77	6.13	1.98		13.11	34.89
Upland Preservation (Acre)	13.93	1.48	4.52	1.85		21.78	
Stream Preservation (Linear Feet)					2,500	(with a 25 foot buffer)	

Status Of Project

- No decisions have been made
- Ohio EPA will evaluate all information, including public comments, and decide whether to grant or deny the 401 water quality certification

What's Next?

- Ohio EPA considers comments
- Staff makes recommendation to director
- Director issues or denies the certification
- Director's final decision and Responsiveness Summary sent to commenters

Send comments to:

- Ohio EPA, Division of Surface Water
Attn: Permits Processing Unit
P.O. Box 1049
Columbus, Ohio 43216-1049
Fax: (614) 728-5299 attn: Patti Smith
email: patti.smith@epa.ohio.gov

by close of business June 20, 2011

Project Questions

- Ed Wilk
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Phone: (330) 963-1172
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Citizen Contact

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Thank You!

