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Ohio Power Siting Board

Staff Investigation Report and Recommendation

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**Case No.:** 10-1149-EL-BLN

**Project:** Bayshore-Maclean-Lemoyne 138 kV Transmission Line  
Reconductoring and Intermediate Structure Placement

**Applicant:** American Transmission Systems, Inc.

**Report Date:** 3 February 2011

**Automatic Approval Date:** 12 February 2011 (Letter of Notification process)

**Waiver Request:** None

**Inspection Date(s):** 1 & 20 September 2010

**Staff Assigned:** J. O'Dell & D. Rostofer

**Summary of Staff Recommendations (see report text for discussion):**

Application:  Approval     Disapproval     Approval with Conditions  
Waiver:         Approval         Disapproval         Not Applicable

**Summary of Staff Recommended Conditions (see report text for discussion):**

- Applicant shall obtain all required easements prior to the start of construction.

**Projected Docket Closure Date (if automatically approved):** 31 May 2013

Investigation Report

**Project Description:** This project involves the reconductoring of approximately 2.8 miles of one circuit of the double circuit Bayshore-Maclean-Lemoyne 138 kV transmission line. The existing configuration utilizes steel lattice towers. Intermediate wood pole structures are needed to support the new larger conductors. These new intermediate poles would typically be placed in the mid-span area between towers. The project is required to reduce potential circuit-overloads, simplify switching activities and to increase overall reliability.

**Site Description:** The project is entirely confined within an existing transmission line r-o-w. Land use is primarily agricultural, with a short segment traversing along the edge and through the corner of a suburban residential community. This project is located in Troy Township, Wood County.

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Technician   IN   Date Processed   FEB 03 2011

**Discussion/Comments/Concerns:** The Applicant originally received approval to reconductor this line under a Construction Notice (ref: 08-1028-EL-BNR). Due to design changes, the Applicant subsequently filed this Letter of Notification. The Applicant is in the process of requesting withdrawal of the Construction Notice, as this project would replace the earlier filing. No significant vegetative clearing is required. The construction of this project should pose only minimal negative social and ecological impacts.