

FILE



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March 20, 2009

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Mr. Pete Elwell  
Project Manager  
American Electric Power  
700 Morrison Road  
Gahanna, OH 43230

**Subject:** Application for Certificate  
Roberts-OSU 138 kV Transmission Line Project  
**Case Number 08-170-EL-BTX**  
Staff Questions/Clarifications - Set #3

Dear Mr. Elwell:

Attached please find Staff questions/clarifications (1 page) for the proposed American Electric Power (AEP) Roberts-OSU transmission line application as submitted December 30, 2008.

In order to better ensure a timely review of your application, please provide responses by April 3, 2009.

Please contact Jon Pawley at (614) 644-7631 or myself at (614) 644-8244 if you have any questions regarding this information.

Sincerely,

Klaus Lambeck, Chief  
Facilities Siting & Environmental  
Analysis Division

This is to certify that the images appearing are an accurate and complete reproduction of a case file document delivered in the regular course of business.  
Technician YDN Date Processed 3/26/09

cc: Ms. Ellen Regennitter, AEP Transmission Line Projects Engineering

PUCO

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2009 MAR 20 AM 9:21

**Roberts-OSU 138 kV Transmission Project  
OPSB Case No. 08-0170-EL-BTX**

**Route**

1. Figures 07-1 through 07-4 are what Staff is investigating for both the Preferred and Alternate routes. Please confirm that these maps accurately reflect the applicant's routes under consideration. In Figure 07-1, is the "Preferred Route Overhead Build" shown accurately (heading southeast on the quarry property along the river), or is this portion of route underground as depicted on Figure 07-2B?
2. Please confirm what portion of the Preferred Route will be located under Lane Avenue pavement vs. tree-lawn/right-of-way. If under Lane Avenue (pavement), where is the centerline of the Preferred Route proposed? (center of roadway or curb)?
3. What is, or will, be done to mitigate traffic concerns such as continuous flow, access/egress, driveways and intersections along Lane Avenue (Preferred Route) and Cambridge Blvd and Waltham Road (Alternate Route)?

**River Crossings**

4. Page 07-6 refers to "boring" being used to cross the Scioto and Olentangy rivers. Please confirm that the bore under the Scioto River will be set up (rigging equipment) on the east side, with pipe strung on the west side of the river (quarry property).

Please provide a map outlining both crossings, and provide a tentative list of equipment that would be used (including pieces of equipment, outline of impacted area, hours of operation, decibel levels of equipment, and noise mitigation measures or techniques, if any).

5. Has the applicant developed a frac-out contingency plan for the two river crossings?
6. Is the proposed project expected to impact existing caves, fissures, sinkholes or abandoned mines along the Scioto River banks? Why or why not?
7. Please provide a map/aerial showing the expected limits of clearing to construct this project. Please include acres of expected clearing and description of forested areas and habitat to be cleared, including photos if helpful.
8. Are suitable roost or Indiana bat habitat trees likely to be cleared? If yes, please identify the area(s) and describe what is proposed to be cleared, including photos if helpful.

**Structures**

9. How much taller would the overhead structures (poles) be along the south side of Scioto & Darby Creek and Dublin roads than are currently being used? To confirm, the Applicant is proposing to replace existing poles in this location on a "one-for-one" basis?