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American Electric Power
1 Riverside Plaza
Columbus, OH 43215
AEP.com

The Honorable Alan R. Schriber, Chairman
Public Utilities Commission of Ohio
Ohio Power Siting Board
180 East Broad Street
Columbus, OH 43266-0573

Re: Letter of Notification, 09-1938-EL-BLN (Vine-City of Columbus West 138 kV Relocation)

Matthew J. Satterwhite
Legal Counsel -
Regulatory Services
(614) 716-1915 (P)
(614) 716-2014 (F)
mjsatterwhite@aep.com

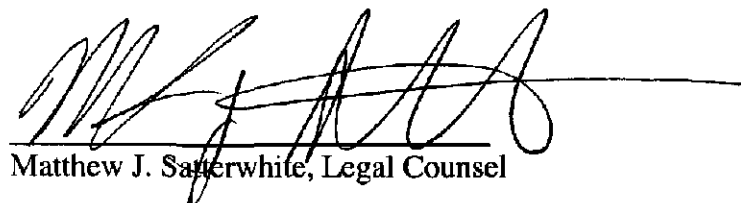
Dear Chairman Schriber:

In accordance with Rules 4906-5-02 and 4906-11-01, Ohio Administrative Code ("O.A.C."), Columbus Southern Power Company, ("AEP") submits this Letter of Notification.

As required by Rule 4906-11-01(D)(4), O.A.C., AEP has submitted a copy of this Letter of Notification to the political subdivisions immediately affected by the proposed project. Specifically, copies of the notification on structures, structure types, and construction schedules to the Mayor for the city of Columbus and the Franklin County Commissioners. The cover letter accompanying these mailings is included in the Letter of Notification.

Please feel free to contact me if there are any questions.

Respectfully Submitted,



Matthew J. Satterwhite, Legal Counsel

Attachment

I hereby certify that the images appearing are an accurate and complete reproduction of a case file as it was delivered in the regular course of business.
Officer DR Date Processed 12/10/09

Letter of Notification

for the

Vine-City of Columbus West 138 kV Relocation

Case No. _____

Submitted by

Columbus Southern Power

to

The State of Ohio Power Siting Board

November 2009

Letter of Notification

In accordance with Ohio Administrative Code Section 4906-11-01 Letter of Notification, Columbus Southern Power submits the following information:

4906-11-01 (B) General Information

4906-11-01 (B) (1) Project Name and Reference Number

The name of this project is the Vine-City of Columbus West 138 kV Relocation. This project is not identified in Ohio Power and Columbus Southern Power Company's latest Long-Term Forecast.

4906-11-01 (B) (1) Description of the Project

This project consists of relocating 0.35 miles of the Vine-City of Columbus West 138 kV Line for the Nationwide Investments LLC, located in Columbus, Ohio. Six (6) wood pole single circuit 138 kV structures are to be removed. Three (3) wood pole tangent structures, one (1) wood pole deadend structure, one (1) steel pole running angle structure and two (2) steel pole deadend structures are to be installed. The existing 3/8" EHS shield wire and 983.1 kcmil ACAR 30/7 conductors are to be removed. New conductor and shield wire are to be installed. This project is on land owned by Nationwide Investments LLC, HP Land Development Ltd., and City of Columbus. Columbus Southern Power has obtained easements from Nationwide Investments LLC, City of Columbus, and HP Land Development Ltd. as well right of way occupancy permit from the City of Columbus.

4906-11-01 (B) (1) Reason the Project Meets Letter of Notification Requirements

This project meets the requirements for a Letter of Notification because the extent of this project is defined by Item (1) (e) of the Appendix A "Application Requirement Matrix for Electric Power Transmission Lines". This project consists

of rerouting a line, which is greater than 125 kV, but less than 300 kV, and is not greater than two (2) miles in length.

4906-11-01 (B) (2) Need for the Project

Nationwide Investments LLC has requested that we relocate a section of the Vine-City of Columbus West 138 kV Line to accommodate future construction for the Nationwide Development in Columbus, Ohio.

4906-11-01 (B) (3) Project Location Relative to Existing or Proposed Lines

The location of this project is shown on Maps 1 and 2. Map 1 is a copy of a USGS map of the area. Map 2 is a reduced copy of Ohio Power and Columbus Southern Power's Transmission System for December 31, 2012, as submitted to the Public Utilities Commission of Ohio in our latest Long-Term Forecast Report. The proposed 138 kV project has been circled on Map 2 for easy identification.

4906-11-01 (B) (4) Alternatives Considered

No alternative locations were considered. Nationwide Investment LLC picked the sites for the relocated structures based on recommendations from AEP. Structures were located to reduce conflicts with the Nationwide Investment LLC requirements.

4906-11-01 (B) (5) Anticipated Construction Schedule

Construction to relocate the 0.35 miles of line is expected to begin in April 2010. This project is scheduled to be completed in August 2010.

4906-11-01 (B) (6) Maps Depicting Project Location

Two (2) maps, Maps 1 and 3 have been prepared to show the project location. Map 1, the General Location Map, indicates the area surrounding the project. This map is a partial copy of the United States Geologic Survey, Southwest Columbus, Ohio Quad. Map 3, the Detailed Site Map, shows the line relocation. To view this project, take US Route 23 (High Street) north to Spring Street, turn west to Neil Avenue, and then turn north to the project site. This project is located at the intersection of Neal Avenue and Vine Street.

4906-11-01 (B) (7) Property Easements

The project will be located on new easements obtained by Columbus Southern Power Company. No other additional right-of-way rights are required. The names and addresses of those owners are listed below:

HP Land Development, LTD.
Vine St.
Columbus, OH 43215
Parcel # 010-253404

HP Land Development, LTD.
165 W. Vine St.
Columbus, OH 43215
Parcel # 010-053470

NWD Investments, LLC
W.Vine St.
Columbus, OH 43215
Parcel # 010-288350

HP Land Development, LTD.
Kilbourne St.
Columbus, OH 43215
Parcel # 010-066049

HP Land Development, LTD.
215 W. Spruce St.
Columbus, OH 43215
Parcel # 010-024120

City of Columbus
Vine St.
Columbus, OH 43215
Parcel # 010-251236

4906-11-01 (C) Technical Features of the Project

4906-11-01 (C) (1) Description of Technical Features

The proposed relocation will be designed for and operated at 138 kV. Figure 1 shows the typical single wood pole tangent structure that is to be installed. Figure 2 shows the typical single poles wood deadend structure that is to be installed. Figure

3 shows the typical single steel pole running angle structure that is to be installed. Figure 4 shows the typical single steel pole deadend structure that is to be installed. Three (3) 795 kcmil ACSR 45/7 conductors and one (1) 7 Number 8 alumoweld shield wire will be installed and supported by the new structures.

4906-11-01 (C) (1) Number and Type of Structures

Three (3) single wood pole tangent structures (Figure 1), one (1) single pole wood deadend structure (Figure 2), one (1) single steel pole running angle structure (Figure 3) and two (2) single steel pole deadend structures (Figure 4) are to be installed.

4906-11-01 (C) (1) Right of Way and Land Requirements

The relocated line will be constructed on land owned by Nationwide Investment LLC, HP Land Development Ltd., and City of Columbus. CSP has obtained four (4) new easements and one (1) right of way permits from the City of Columbus.

No other additional land rights will be required.

4906-11-01 (C) (2) (a) Calculated Electric and Magnetic Field Levels

Line Loadings & Rating

Line	Normal Maximum Loading	Emergency Line Loading	Winter Normal Conductor Rating	
	(MVA)	(MVA)	(MVA)	(Amps)
Vine-City of Columbus West 138 kV	88	179	317	1326

The electrical and magnetic field levels for the proposed project were calculated for the conductor configuration that is to be used on this project. This configuration is shown in Figure 5.

Conductor Condition	Electrical Field (kV/M)		Magnetic Field (mG)	
	Max Under Line	Edge of R.O.W.	Max Under Line	Edge of R.O.W.
Normal Maximum Loading				
Vine-City of Columbus East 138 kV	0.449	0.190	11.36	7.98
Emergency Line Loading				
Vine-City of Columbus East 138 kV	0.449	0.190	23.10	16.22
Winter Normal Condition Rating				
Vine-City of Columbus East 138 kV	0.471	0.188	43.28	29.78

4906-11-01 (C) (2) (b) Discussion of Design Alternatives

The developer requested that the conductor configuration for the existing single pole designs be used for the relocated structures. The electric and magnetic fields associated with these new structures are very similar to the existing structures.

4906-11-01 (C) (3) Estimated Capital Costs

The following estimated 2009 capital costs for the proposed project have been tabulated by the Federal Energy Regulatory Commission (FERC) Electric Plant Transmission Accounts:

FERC Accounts	Estimated Capital Costs
350 Land and Land Rights (R/W)	\$ 21,000
355 Poles and Fixtures	\$ 562,145
356 Overhead Conductors and Devices	\$ 86,423
Total	\$ 669,568

4906-11-01 (D) Socioeconomic Data

4906-11-01 (D) (1) Land Use and Population Density

This project is located in the City of Columbus and Franklin County, Ohio. The immediate area surrounding the project has been commercially developed or is being commercially developed. The project area (census tract 39049003000,

Franklin Co., Ohio) has a population density of 3,384 people per square mile based upon 2006 census data.

4906-11-01 (D) (2) Location and Description of Existing Agricultural Districts

The proposed relocation is not within any agricultural and/or within the limits of an Agricultural District as defined by Chapter 929 of the Ohio Revised Code.

4906-11-01 (D) (3) Archaeological and Cultural Resources

The ASC Group, Inc. (ASC) conducted a search of the available records at the Ohio Historic Preservation Office (OHPO). The literature review indicated that there are no known cultural resources in or adjacent to the Vine-City of Columbus West 138 kV Relocation project area. A copy of ASC's October 19, 2009 letter regarding the Vine-City of Columbus West 138kV Relocation (Structures 2 through 7) Franklin County, Ohio is attached. Properties on the OHPO database include all listings on the National Register of Historic Places as well as districts, sites, buildings, structures and objects that are significant in American history, architecture, archeology, engineering and culture.

4906-11-01 (D) (4) Local Officials to be Notified

Copies of this Letter of Notification have been sent to the Franklin County Commissioners and the Mayor of Columbus, Ohio. Copies of these cover letters are attached.

4906-11-01 (D) (4) Public Information Program

This project is mostly located on tracts of land owned by Nationwide Investment LLC, HP Land Development Ltd., and the City of Columbus. One (1) adjacent property owners will not be affected by this proposed relocation.

4906-11-01 (D) (5) Current or Pending Litigation

There is no litigation involving this project and none is expected.

4906-11-01 (D) (6) Local, State and Federal Requirements

This line will be designed, constructed and operated to meet or exceed the requirements of the National Electric Safety Code, AEP design standards and all applicable OSHA standards.

4906-11-01 (E) Environmental

4906-11-01 (E) (1) Endangered or Threatened Species

There are no endangered, threatened or rare species within the project area.

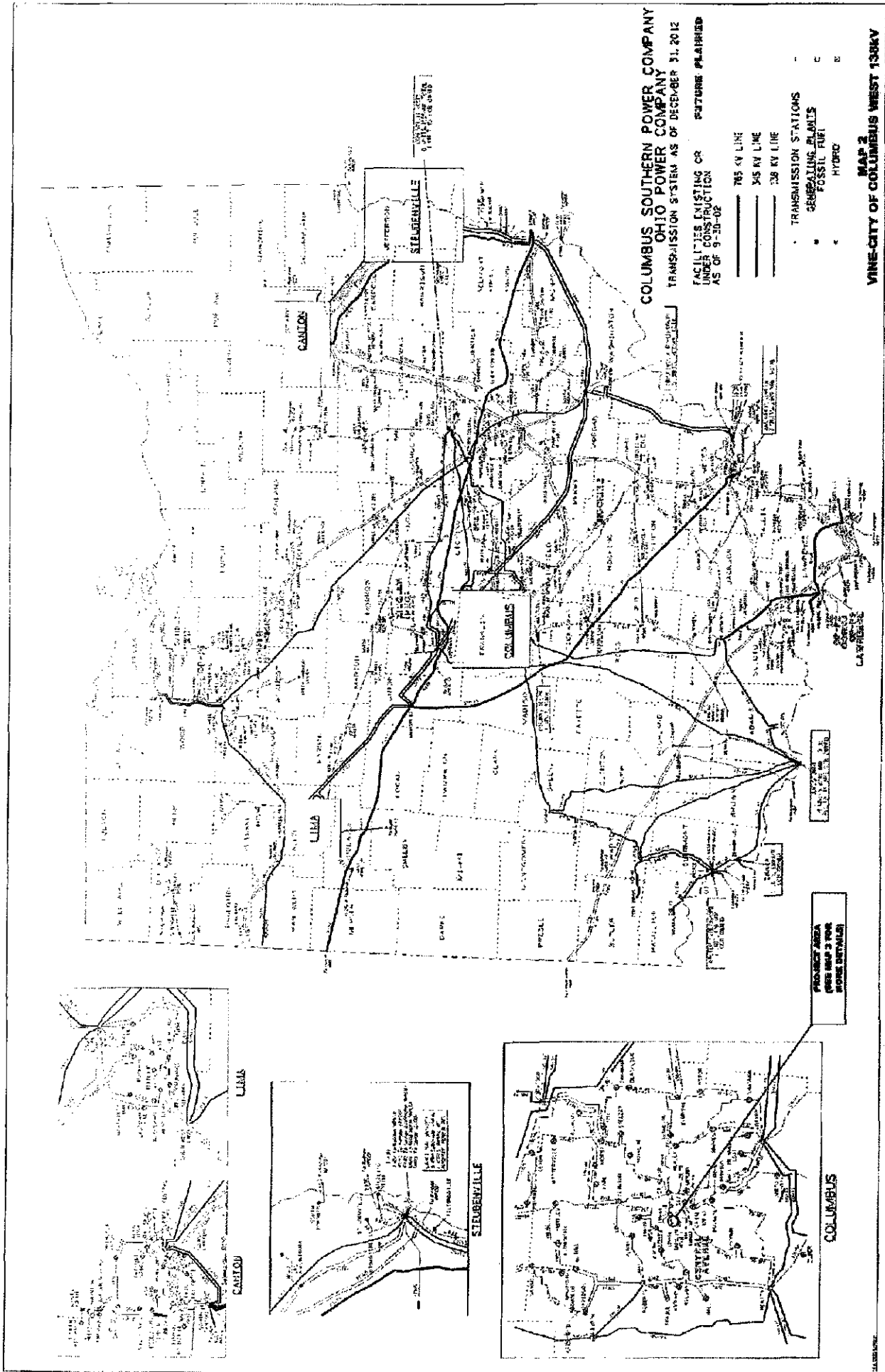
4906-11-01 (E) (2) Areas of Ecological Concern

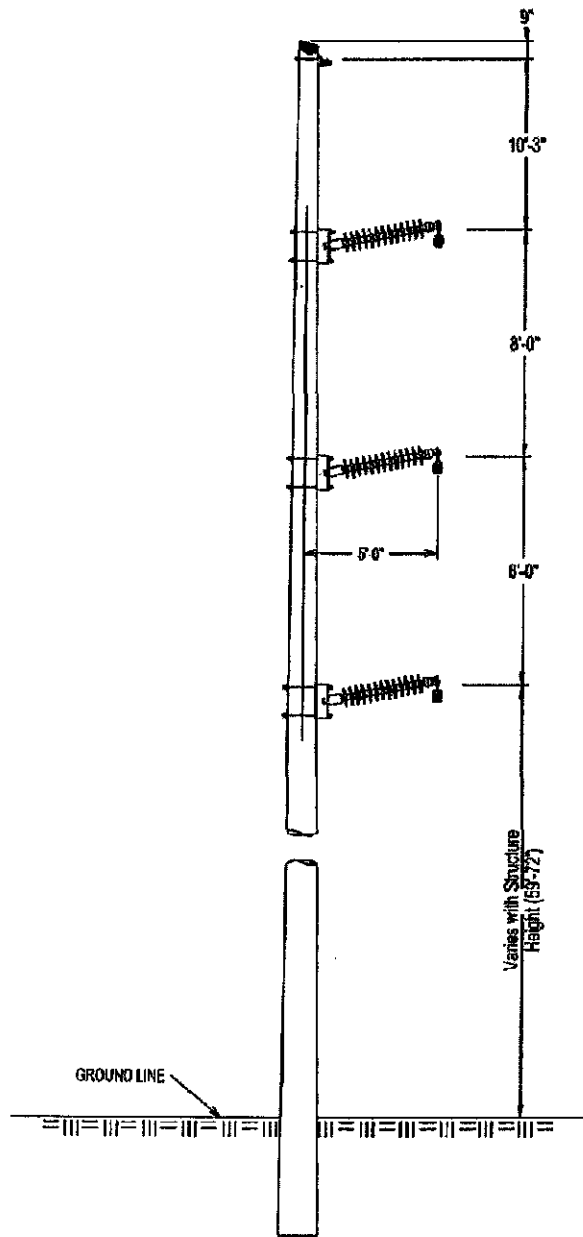
There are no areas of ecological concern within the project area. The proposed transmission line relocation is not within the confines of any wetlands, floodplains, state or national forest or preserves. There are no federal wilderness areas, wildlife refuges or designated Critical Habitat within the proposed site.


4906-11-01 (E) (3) Additional Information

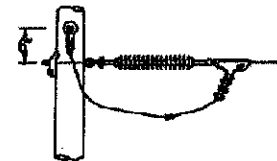
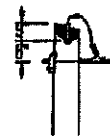
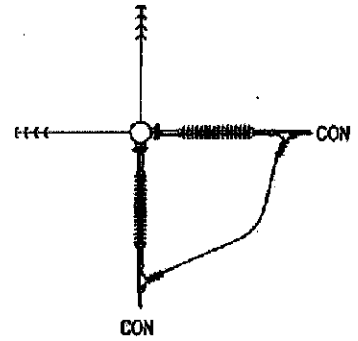
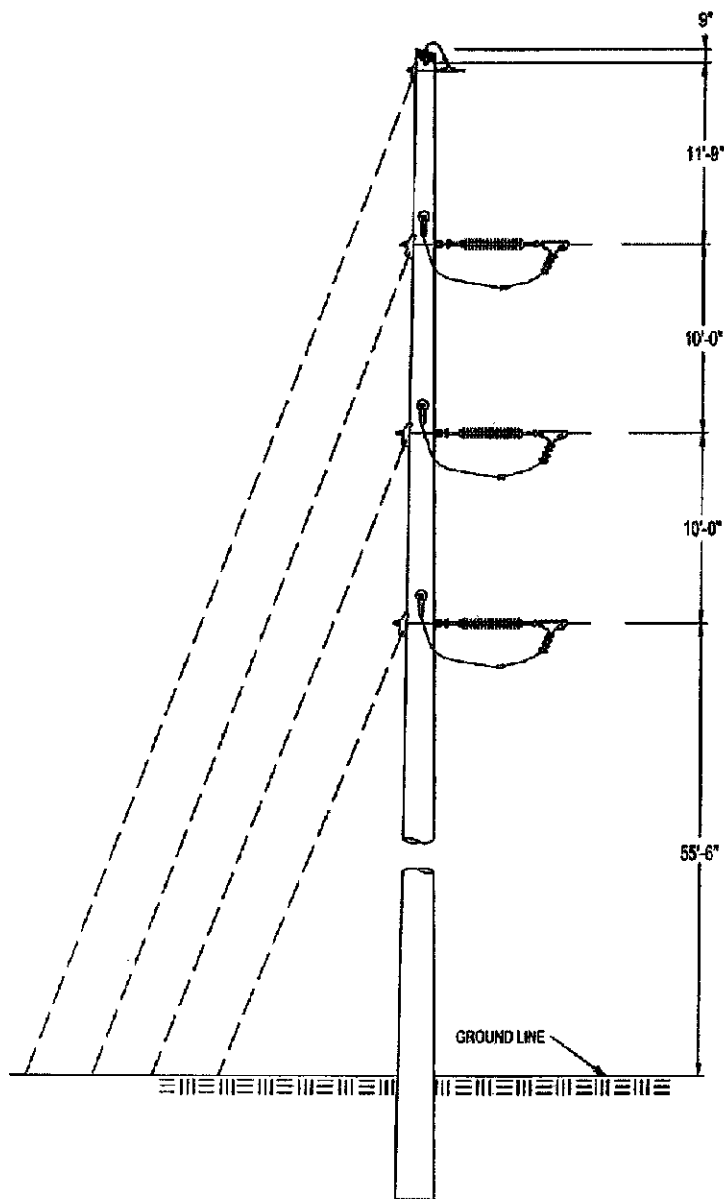
There are no unusual conditions that will result in significant environmental or social impacts from the installation and operation of this relocated 138 kV transmission line project.

Appendix

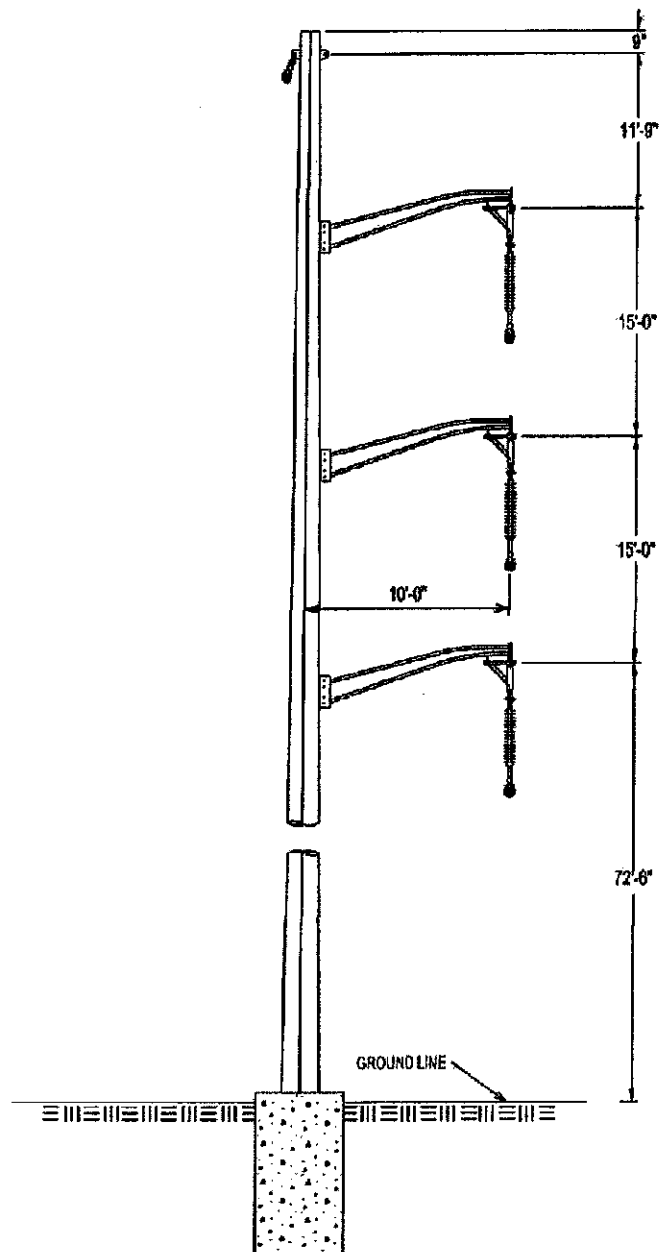




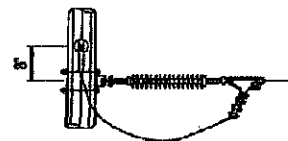
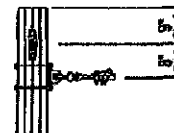
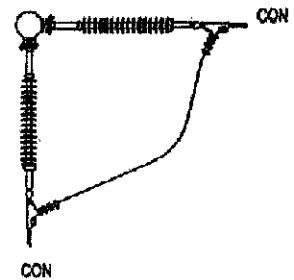
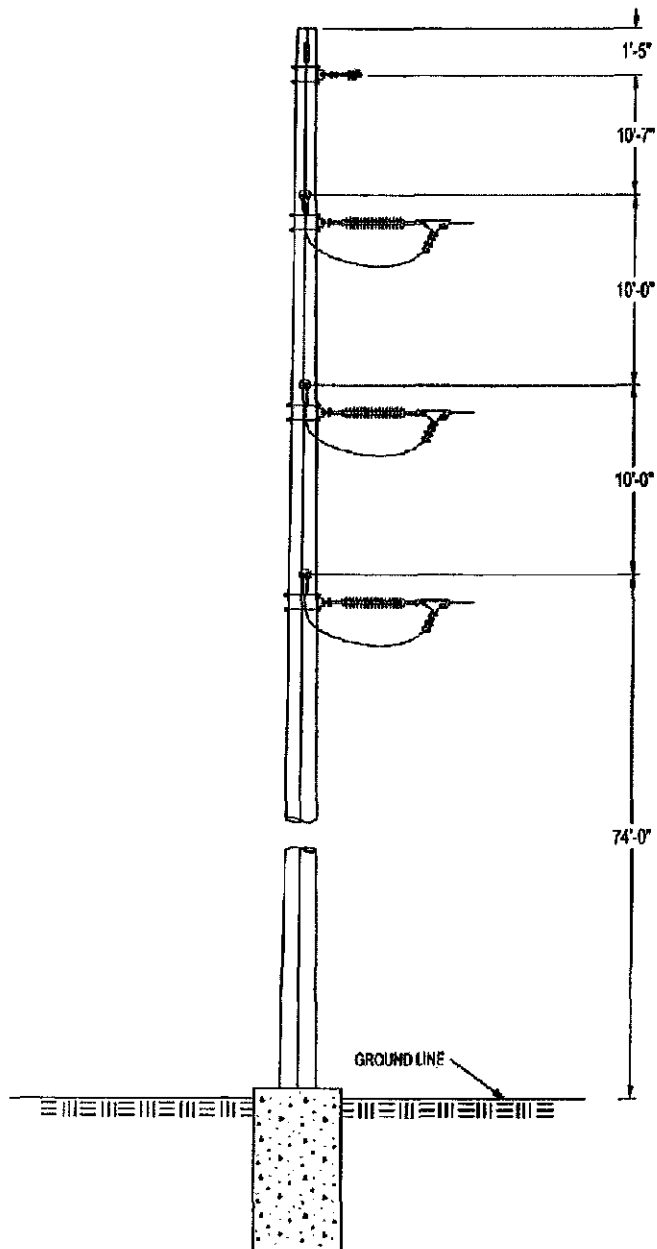
	VINE-CITY OF COLUMBUS WEST 138KV LINE
SINGLE POLE WOOD TANGENT STRUCTURE	
NOT TO SCALE	FIGURE 1




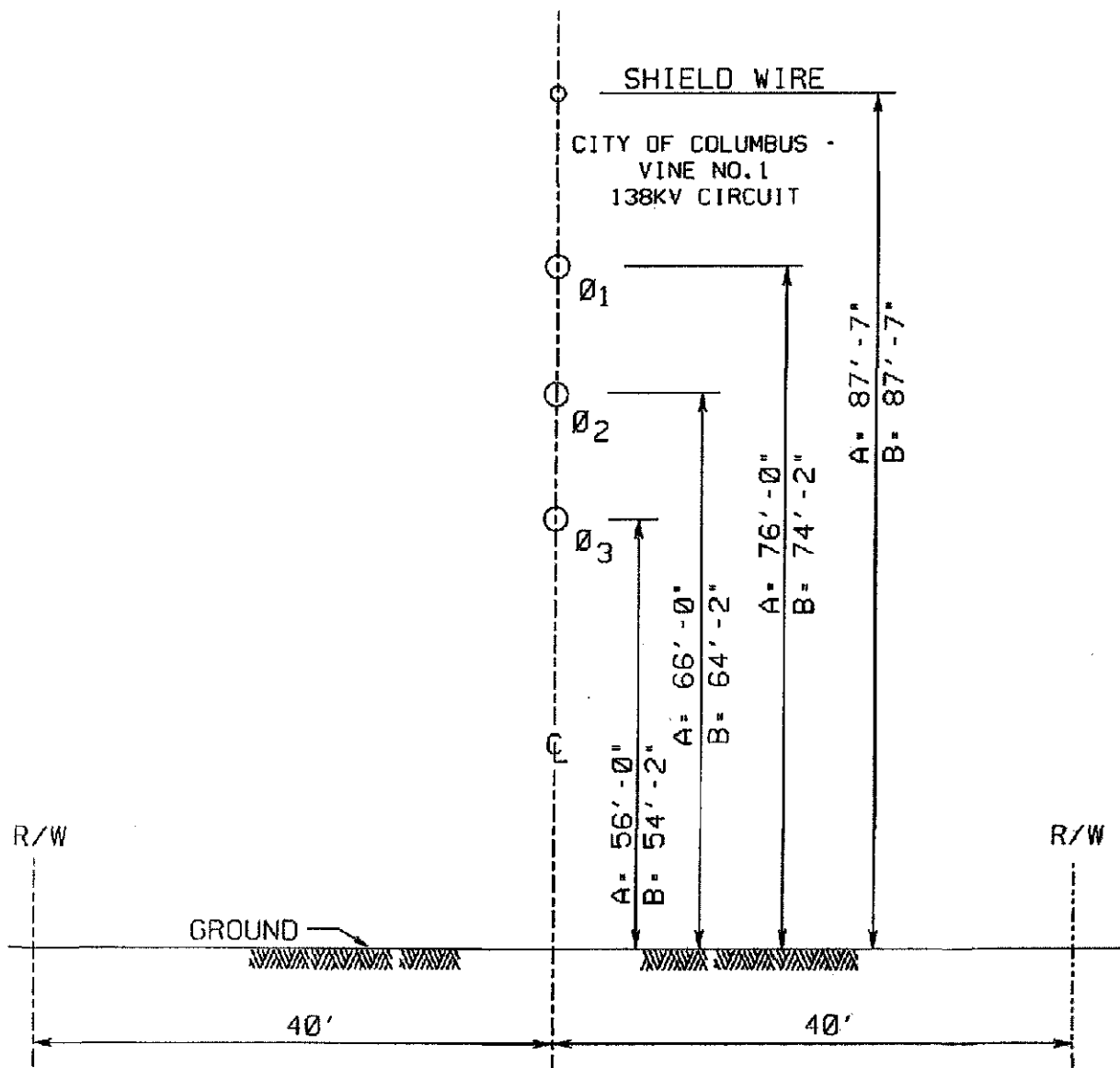
	VINE-CITY OF COLUMBUS WEST 138KV LINE
SINGLE POLE WOOD DEADEND STRUCTURE	
NOT TO SCALE	FIGURE 2



AEP AMERICAN ELECTRIC POWER	VINE-CITY OF COLUMBUS WEST 138KV LINE
SINGLE POLE STEEL RUNNING ANGLE STRUCTURE	
NOT TO SCALE	FIGURE 3



	VINE-CITY OF COLUMBUS WEST 138KV LINE
SINGLE POLE STEEL DEADEND STRUCTURE	
NOT TO SCALE	FIGURE 4



DIMENSION "A" - DOUBLE CIRCUIT - VERT. CONFIGURATION (UNDER EMERGENCY & NORMAL MAX. LINE LOADING)

DIMENSION "B" - DOUBLE CIRCUIT - VERT. CONFIGURATION (UNDER WINTER NORMAL CONDUCTOR RATING)



October 19, 2009

Howard Loucks
American Electric Power
700 Morrison Road
Gahanna, Ohio 43230

**RE: Vine-City of Columbus West 138 kV Line Relocation,
Columbus, Franklin County, Ohio**

Dear Mr. Loucks:

On October 13, 2009, ASC Group, Inc.'s Alan Tonetti completed a literature review for the Vine-City of Columbus West 138kV Line Relocation project, Franklin County, Ohio (Figure 1). The transmission line to be relocated is approximately 2,200 ft (671 m) in length.

The literature review consisted of reviewing the following records available from the Ohio Historic Preservation Office:

- Online Geographic Information System;
- United States Geological Survey (USGS) 15' and 7.5' topographic maps associated with the Ohio Archaeological Inventory;
- Mills' (1914) *Archeological Atlas of Ohio*;
- National Historic Landmarks list;
- National Register of Historic Places (NRHP) list;
- NRHP formal determination of eligibility list;
- NRHP consensus determination of eligibility list;
- NRHP preliminary determination of eligibility list;
- Inactive NRHP nomination forms;
- Draft NRHP forms;
- NRHP questionnaires;
- Ohio Historic Inventory forms (OHI); and
- Troutman's (2003) *Ohio Cemeteries: 1803-2003*.

The Ohio Department of Transportation's (ODOT) historic bridge list/inventory (http://www.dot.state.oh.us/Divisions/TransSysDev/Environment/Cultural_Resources/HISTORIC_BRIDGES/Pages/default.aspx) also was reviewed.

The results of the literature review indicate that there are no known cultural resources in or adjacent to the project area, but a number of cultural resources are, or were, in the vicinity of the project area. The Hilltop Van & Storage Company building (FRA-1144-18), now the House of Crave, an entertainment concert venue, is located at 391 Neil Avenue, at the northwest intersection of Neil Avenue and Broadbelt (also Brodbelt) Lane, southwest of the project (Figure 1). The original OHI form for the building indicates that it is individually eligible for listing in the NRHP, but the updated OHI form does not indicate an opinion about the property's NRHP eligibility. Regardless, no consensus or formal determination of eligibility for the building appears to have been made by the OHPO and/or a Federal agency. The ODOT's Historic Bridge List/Inventory indicates that the Neil Avenue Bridge at I-670 (SFN 2506122) [Figure 1] is not eligible for listing in the NRHP.

At its nearest point, the project is approximately 400 ft (122 m) northeast of the former location of the Ohio Penitentiary, a property that possessed state and national significance (Dobson-Brown 1998), i.e., it was eligible for listing in the NRHP. This property, now destroyed, was located southeast of the intersection of Neil Avenue and Maple Street (Figure 1). The Weinman Pump Manufacturing Company was located at 290-300 Spruce Street. The OHI form for this building (FRA-6966-18) indicates that it has been demolished. Also demolished is the T/M Trailmobile Sales Office building at 533 Kilbourne Street (FRA-2771-18), a house at 147 West Spruce Street (FRA-2830-18), a house at 170 West Vine Street (FRA-2842-18), and a commercial building at 96 West Maple Street (FRA-2789-18) [Figure 1].

If you have any questions, please do not hesitate to contact me at 614.268.2514, ext. 3547.

Sincerely,



Alan Tonetti
Project Manager

REFERENCES CITED

Dobson-Brown, Deborah

1998 *The Ohio Penitentiary: HABS No. OH-2440*. ASC Group, Columbus, Ohio.
Submitted to the city of Columbus, Ohio. Copies on file at the Historic American Building
Survey, National Parks Service, Great Lakes Systems Office, Omaha, Nebraska.

Mills, William C.

1914 *Archeological Atlas of Ohio*. Ohio State Archaeological and Historical Society. Fred
J. Heer, Columbus.

Troutman, K. Roger

2003 *Ohio Cemeteries: 1803-2003*. Ohio Genealogical Society, Mansfield.

Figure 1. Portions of the 1964 (photorevised 1994) Southeast Columbus and 1965 (photorevised 1995) Southwest Columbus quadrangles (7.5' topographic maps) showing the project and previously identified cultural resources in the vicinity of the project.





American Electric Power
700 Morrison Road
Gahanna, OH 43230-6642
www.aep.com

November 23, 2009

Franklin County Commissioners
373 South High St.
Columbus, Ohio 43215

**Letter of Notification
Vine-City of Columbus West 138 kV Line
Relocate for Nationwide Investment LLC Development**

Dear Commissioners:

In accordance with Chapter 4906 of the Ohio Administrative Code, the Columbus Southern Power Company is required to submit a Letter of Notification to the State of Ohio Power Siting Board whenever a substantial change is made to our transmission facilities.

Columbus Southern Power is planning to relocate 0.35 miles on the existing Vine-City of Columbus West 138 kV line to eliminate conflicts with the proposed Nationwide Investment LLC Development in the City of Columbus, Ohio.

In compliance with Rule 4906-11-01 of the OPSB Rules and Regulations, we have prepared and filed the attached Letter of Notification. This Notification contains details on the structures, structure types and construction schedules and is hereby submitted for your information.

Cordially,

A handwritten signature in black ink, appearing to read "J. Jajack", is positioned above the printed name.

Jared T. Jajack
Transmission Line Engineering-AEP
614-552-1145

Enclosure

cc. Power Siting Board



American Electric Power
700 Morrison Road
Gahanna, OH 43230-6642
www.aep.com

November 23, 2009

Mayor Michael B. Coleman
City of Columbus, Ohio
City Hall 2nd Floor
90 West Broad Street
Columbus, Ohio 43215

**Letter of Notification
Vine-City of Columbus West 138 kV Line
Relocate for Nationwide Investment LLC Development**

Dear Mayor:

In accordance with Chapter 4906 of the Ohio Administrative Code, the Columbus Southern Power Company is required to submit a Letter of Notification to the State of Ohio Power Siting Board whenever a substantial change is made to our transmission facilities.

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Cordially,

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Jared T. Jajack
Transmission Line Engineering-AEP
614-552-1145

Enclosure

cc. Power Sitting Board