



November 16, 2012

Mr. Klaus Lambeck
The Ohio Power Siting Board
180 East Broad Street
Columbus, Ohio 43266-0573

**Construction Notice
Burdox-Webster 138kV Line Upgrade
Case No. 12-3003-EL-BNR**

Dear Mr. Lambeck,

In accordance with Chapter 4906-11-02 of the Ohio Power Siting Board Rules and Regulations, The Dayton Power and Light Company hereby submits a Construction Notice for the upgrade of the existing Burdox – Webster 138kV transmission line to accommodate the PJM Regional Transmission Expansion Plan. The project is located in Dayton, Montgomery County, Ohio.

Construction of the transmission line upgrade is scheduled to begin on or shortly after April 2013. DP&L will be glad to assist as necessary with site visits or other activities required to accommodate this schedule. Should you have any questions regarding this proposed project, please give me a call at (937)-259-7262.

Sincerely,

A handwritten signature in black ink, appearing to read "H. Shamash".

Hertz Shamash
Vice President, Resource Planning

CONSTRUCTION NOTICE

Pursuant to Rule 4906-11-02 of the Ohio Administrative Code (OAC), The Dayton Power and Light Company (DP&L) hereby submits the following information for the Construction Notice requirements:

4906-11-02

- (A) The construction notice being filed with the Ohio Power Siting Board contains all the required information set forth by OAC Rule 4906-11-02.

(B) **General Information**

(1) **Project Name**

The name of this project is “Burdox – Webster 138kV Reconductor”.

(2) **Description of the Project, Map Depicting Facility’s Location, Reason Project Meets Construction Notice Requirements**

Dayton Power & Light has plans to reconductor approximately 0.75 miles of the Burdox to Webster 138kV Transmission Line. This section of line is located in Montgomery County, Ohio within the City of Dayton limits. It is also a segment of the Webster to Needmore Transmission Line; please see the map included as Exhibit 1. The existing single bundle (1 conductor per phase) 636 kcmil 36/1 and 26/7 strand ACSR conductors will be replaced with a single bundle 1351.5 kcmil 45/7 strand ACSR conductor from DP&L’s Webster Substation to the interconnection point with Burdox (AGA Gas) Customer Substation.

Pursuant to Rule 4906-1-01 of the OAC, Appendix A, “Application Requirement Matrix for Electric Power Transmission Lines”, (3), *Replacing conductors on existing structures with larger or bundled conductors*, the proposed project meets the requirements for a Construction Notice because it consists of replacing conductors on an existing circuit.

(3) **Need for Project**

The proposed 138 kV circuit reconductor will ensure that acceptable transmission system loading is maintained under various outage conditions, as required to comply with the mandatory North American Electric Reliability Corporation (NERC) reliability standards. The State of Ohio is located in the ReliabilityFirst Corporation (RFC), one of eight regions comprising NERC, and DP&L is a member of RFC. NERC and RFC are empowered by the Federal Energy Regulatory Commission (FERC) to enforce utility industry compliance with the mandatory reliability standards to ensure the integrity of the bulk electric system.

DP&L is also a member of the PJM Interconnection, a regional transmission organization (RTO), which coordinates the movement of wholesale power in all or parts of 13 states, including Ohio, and the District of Columbia. PJM conducts a Regional Transmission Expansion Planning (RTEP) process annually to ensure its transmission footprint, including the DP&L system, is in compliance with the mandatory NERC reliability standards. Both PJM and the member companies collaboratively conduct studies to identify potential violations of the mandatory NERC reliability standards and evaluate projects to resolve the violations. Ultimately, the PJM Board is responsible for approval of the proposed projects. The projects are then filed with FERC to obtain its approval.

It was through the PJM RTEP process that the need for the proposed project was identified. Specifically, RTEP contingency analysis showed that under the multiple contingency of DP&L's West Milton – Miami 138kV Circuit and the West Milton 345/138kV Transformer, the Burdox – Webster 138kV Circuit would load above its emergency rating and would be in violation of the NERC Reliability Standards. The proposed, 138 kV Circuit reconductor will mitigate this situation, and ensure compliance with the mandatory NERC reliability standards. The project has been approved by both the PJM Board and FERC.

(4) Construction Schedule and Proposed In-Service Date

Construction for the Burdox to Webster Reconductoring project is scheduled to start April 2013 and be completed and in service by June 1, 2013.

(5) Estimated Capital Costs

The cost for this project is estimated to be \$450,000.

(6) Operating Characteristics, Number and Type of Structures and Right-of-Way Requirements

The 1351.5 kcmil 45/7 strand ACSR conductor will have a maximum rating of 375 MVA, which is a 60% increase from the existing 636 kcmil ACSR conductor. This section of the Burdox to Webster line has a total of 9 structures; five are single wood poles and 4 are double circuit towers. All of the structures will be evaluated based on the new 1351.5 ACSR conductor to ensure the increase in load and conductor sag are within NESC and industry standards. It is intended that any required structure replacement will be done on a one-for-one basis. However, a new mid span structure(s) may be considered if practical. All of the structures involved will receive new line hardware which will be either a polymer line post or suspension insulator and associated clamps.

The double circuit towers also support DP&L's 69kV circuit 6616 (Webster – Vandalia). No changes/modifications are planned for this circuit at this time.

Conventional ground methods will be used to install the new 1351.5 ACSR conductor. The existing 636 conductor will be utilized as a pulling wire for the new conductor. It is estimated that 2-3 setups will be needed for the conductor installation.

The area in proximity of the circuit route is typically light industrial and provides for easy access. The first five structures can be accessed from the east side of Webster substation parallel to the RR corridor. The other structures are within 100' of paved roads or trails. Access across DP&L easements or other land along the project area will be coordinated with the property owner. No additional Right of Way Easement is required for this project.

Minimal vegetation management will be required. If needed, standard practice of mowing would be used to clear vegetation for access. Silt fence will be installed on the bank side of the towers crossing the Great Miami River to control any soil disturbances. Vehicle movement will be maintained behind the silt fencing. Remediation measures will be taken as needed following the completion of construction activities.

Before starting construction, DP&L will secure applicable permits from Federal, State and local authorities as required.

(7) Map Depicting Facility's Centerline

To view project site: from Columbus take I-70 West to I-75 South to Dayton. Exit at Stanley Ave East (#56) and go East on Stanley at end of ramp. Turn Left on Webster which is the first street on left. Then turn Right on Winners Circle. Go to the end of Winners Circle, DPL's Webster Sub and Line can be seen behind building parking lot. The first 5 structures can be seen from here. The line then crosses the Great Miami River, so need to go back to 75N to access the north end. Take 75 North to Wagoner Ford Road East. Travel approximately 1 mile to turn right onto Chuck Wagner Lane. Then turn Right on Dayton Park Drive. Line will be on your right and Burdiox (AGA) sub will be on the left about .25 mi. south down Dayton Park Drive. Then follow tower line South back to Great Miami River. Please see Exhibit 1 for a to scale general area map and Exhibit 2 for an aerial view of the project area.

(8) List of Properties Obtained

No additional property rights are needed nor were any obtained for this project.

(C) **Documentation of Construction Notice Information**

A copy of this Construction Notice is being provided to the following officials of Montgomery County and the City of Dayton. Copies of the submittal letters are included within.

Montgomery County

Board of Commissioners

Dan Foley

Deborah A. Lieberman

Judy Dodge

451 West Third Street

PO Box 972

Dayton, Ohio 45422-1110

Montgomery County Planning Director

Joe Tuss

451 West Third Street

Dayton, Ohio 45422

Miami Conservancy District

Janet Bly

38 E. Monument Avenue

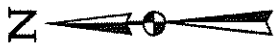
Dayton, Ohio 45402

City of Dayton

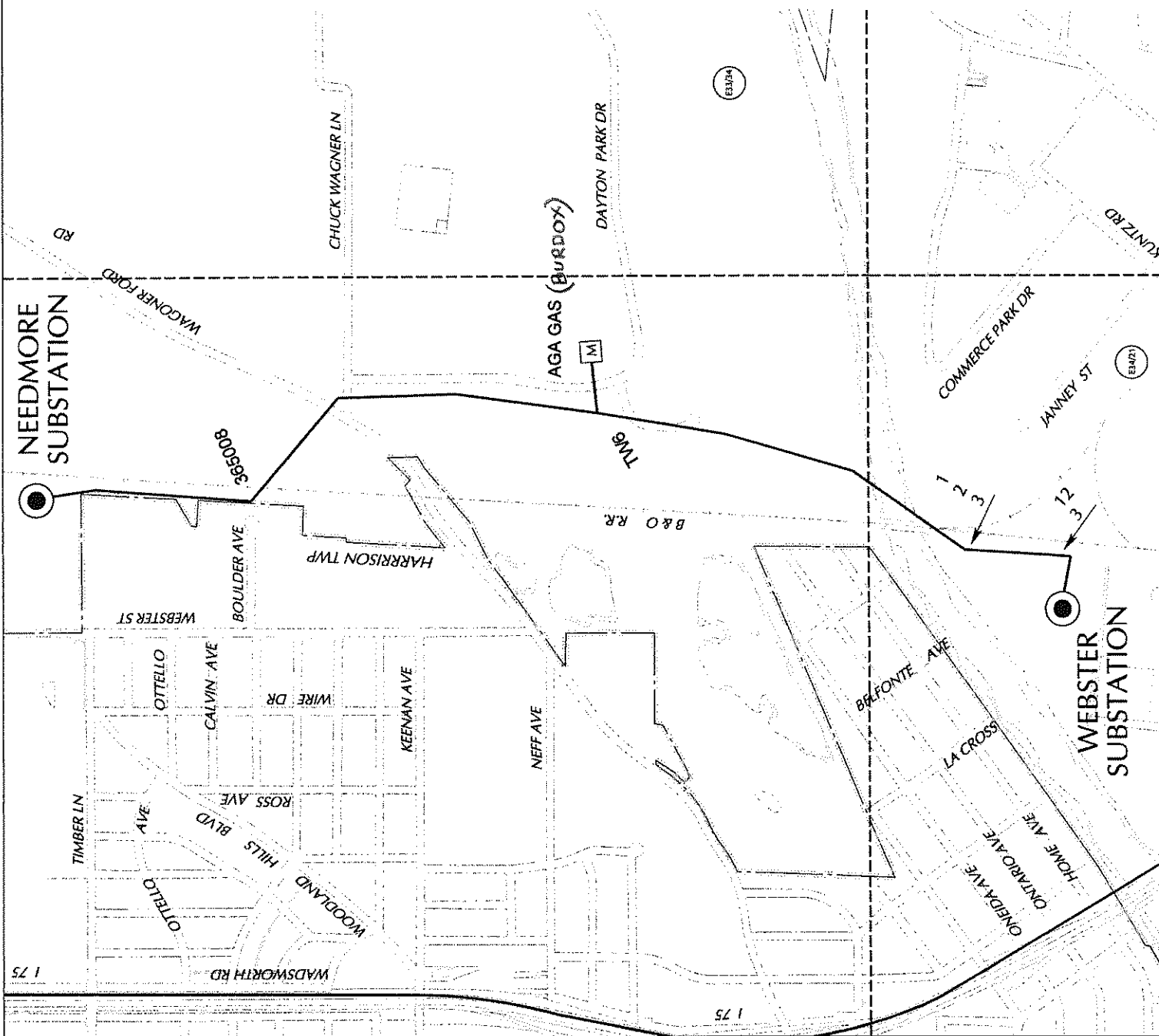
Dayton City Commission

PO Box 22

Dayton, Ohio 45404-0022



DP&L The Dayton Power and Light Company	
EXHIBIT 1	
13825 WEBSTER - NEEDMORE	
DATE: 10/20/00	DATE: 6-5-12
NAME: NAME	NAME: NAME
NO. 403	NO. 403
DATE: 6-28-00	DATE: 6-28-00
R. BONDURANT	



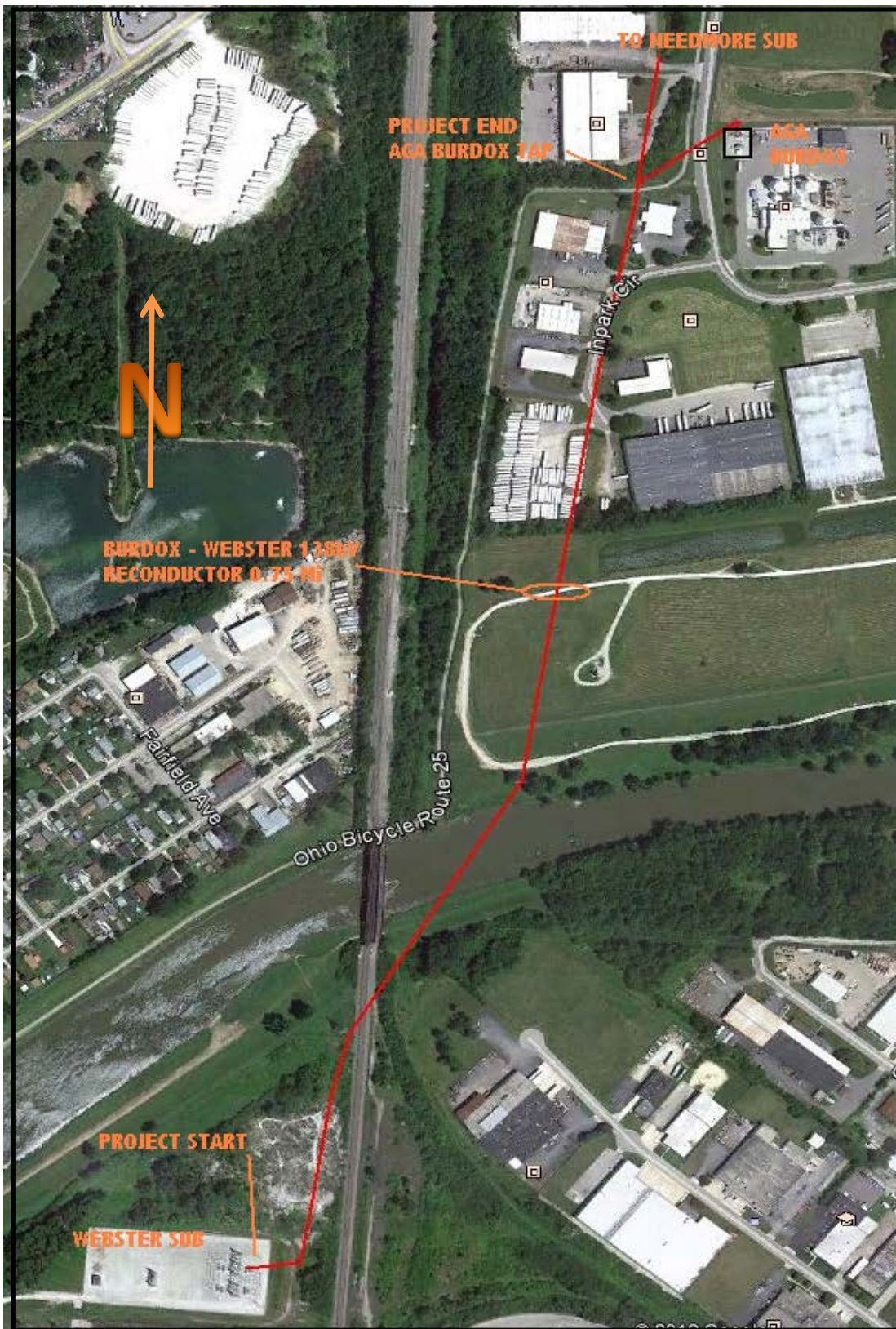


EXHIBIT - 2

Aerial View - BURDOX TO WEBSTER Reconductoring



November 16, 2012

Montgomery County Board of Commissioners
Dan Foley
Deborah A. Liebermann
Judy Dodge
451 West Third Street
PO Box 972
Dayton, Ohio 45422-1110

**Construction Notice
Burdox-Webster 138kV Line Upgrade**

Dear Commissioners,

Please find attached a Construction Notice as submitted to the Ohio Power Siting Board for an Upgrade to DP&L's 138kV Circuit Burdox – Webster. This information is being provided to you in accordance with Chapter 4906 of the Ohio Administrative Code. It does not require any further action on your part. If you have questions about the project after reading the enclosed application, please call me at (937)259-7262.

Sincerely,

A handwritten signature in black ink, appearing to read "H. Shamash".

Hertz Shamash
Vice President, Resource Planning

CC: Ohio Power Siting Board
Construction Notice
Burdox-Webster



November 16, 2012

Montgomery County Planning Director
Joe Tuss
451 West Third Street
PO Box 972
Dayton, Ohio 45422

**Construction Notice
Burdox-Webster 138kV Line Upgrade**

Dear Mr. Tuss,

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Hertz Shamash
Vice President, Resource Planning

CC: Ohio Power Siting Board
Construction Notice
Burdox-Webster



November 16, 2012

Miami Conservancy District
Janet Bly
38 E. Monument Avenue
Dayton, Ohio 45402

**Construction Notice
Burdox-Webster 138kV Line Upgrade**

Dear Ms. Bly,

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Construction Notice
Burdox-Webster



November 16, 2012

City of Dayton
Dayton City Commission
PO Box 22
Dayton, Ohio 45404-0022

**Construction Notice
Burdox-Webster 138kV Line Upgrade**

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Vice President, Resource Planning

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Construction Notice
Burdox-Webster

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

11/16/2012 3:11:53 PM

in

Case No(s). 12-3003-EL-BNR

Summary: Text Burdox - Webster Construction Notice electronically filed by Mr. Michael A Hassay on behalf of Shamash, Hertzell Mr. and The Dayton Power and Light Company