

U.S. Army Corps  
of Engineers  
Baltimore District

# Public Notice

In Reply to Application Numbers  
**CENAB-OP-RMS (DELMARVA POWER & LIGHT/ VIENNA  
TO SHARPTOWN) 2016-60256**

PN 16-24

Comment Period: April 28, 2016 to May 18, 2016

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**THE PURPOSE OF THIS PUBLIC NOTICE IS TO SOLICIT COMMENTS FROM THE PUBLIC REGARDING THE WORK DESCRIBED BELOW. NO DECISION HAS BEEN MADE AS TO WHETHER OR NOT A PERMIT WILL BE ISSUED AT THIS TIME.**

This District has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act and Section 404 of the Clean Water Act as described below:

**APPLICANT:** Delmarva Power & Light  
Mr. Ed May  
701 Ninth Street NW  
Washington, DC 20068

**LOCATION OF THE PROPOSED WORK:** In tidal wetlands abutting the Nanticoke River and Bridge Creek and nontidal wetlands abutting unnamed tributaries to Barren Creek and Owens Creek along the existing Delmarva Power & Light Right of Way, from Vienna Substation in Vienna, Dorchester County to the Sharptown Substation south of Sharptown, Wicomico County, Maryland.

**WORK AND PURPOSE:** To replace the existing static wire with optical ground wire (OPGW) along 4.5 miles of existing transmission line and to replace 4 existing poles, two of which are located in nontidal wetlands. The OPGW would replace existing static wire and would be strung along the top of each pole structure. The project involves replacement of 2 poles in tidal wetlands impacting approximately 281.5 square feet (0.0065 acres) and 2 poles in nontidal wetlands impacting approximately 56.54 square feet (0.00129 acres) and temporary use of construction matting that would impact approximately 102,699.62 square feet (2.3554 acres) of nontidal wetlands. No wetland conversion is proposed for these projects. All work will be completed in accordance with the enclosed plan(s). If you have any questions concerning this matter, please contact Mr. Eugene Morgenthaler at 410-820-8629.

As part of the planning process for the proposed project, steps were taken to ensure avoidance and minimization of impacts to aquatic resources to the maximum extent practicable. Proposed pole locations have been moved wherever possible to avoid wetlands, in consideration of the ROW constraints and distance possible between pole requirements. Compensatory mitigation is not proposed by the applicant.

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonable may be expected to accrue from the proposal,

must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economic, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, and consideration of property ownership and in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments provided will become part of the public record for this action. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. Written comments concerning the work described above related to the factors listed above or other pertinent factors must be received by the District Engineer, Department of the Army, Baltimore District Corps of Engineers, Attn: Regulatory Branch, 10 S. Howard Street, Baltimore, Maryland 21201, within the comment period specified above.

The Magnuson-Stevens Fishery Conservation and Management Act (MSFCMA), as amended by the Sustainable Fisheries Act of 1996 (Public Law 04-267), requires all Federal agencies to consult with the National Marine Fisheries Service (NMFS) on all actions, or proposed actions, permitted, funded, or undertaken by the agency that may adversely affect essential fish habitat (EFH).

The project site does not lie in or adjacent to EFH as described under MSFCMA. The project is unlikely to adversely affect EFH or the species of concern by alteration of spawning, nursery, forage and/or shelter habitat.

**WATER QUALITY CERTIFICATION:** The applicant is required to obtain a water quality certification in accordance with Section 401 of the Clean Water Act from the **Maryland Department of the Environment**. Any written comments concerning the work described above which relate to water quality certification must be received by the Wetlands and Waterways Program, Maryland Department of the Environment, Montgomery Park Business Center, 1800 Washington Boulevard, Suite 430, Baltimore, Maryland 21230-1708 within the comment period as specified above to receive consideration. The Section 401 certifying agency has a statutory limit of one year from the date of this public notice to make its decision.

The applicant must obtain any State or local government permits which may be required.

A preliminary review of this application indicates that the proposed work will not affect Federal listed threatened or endangered species or their critical habitat, pursuant to Section 7 of the Endangered Species Act, as amended. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

Review of the latest published version of the National Register of Historic Places indicates that no registered properties listed as eligible for inclusion, therein, are located at the site of the proposed work. Currently unknown archeological, scientific, prehistoric, or historical data may be lost or destroyed by the work to be accomplished under the request permit.

The evaluation of the impact of this project on the public interest will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 of the Clean Water Act.

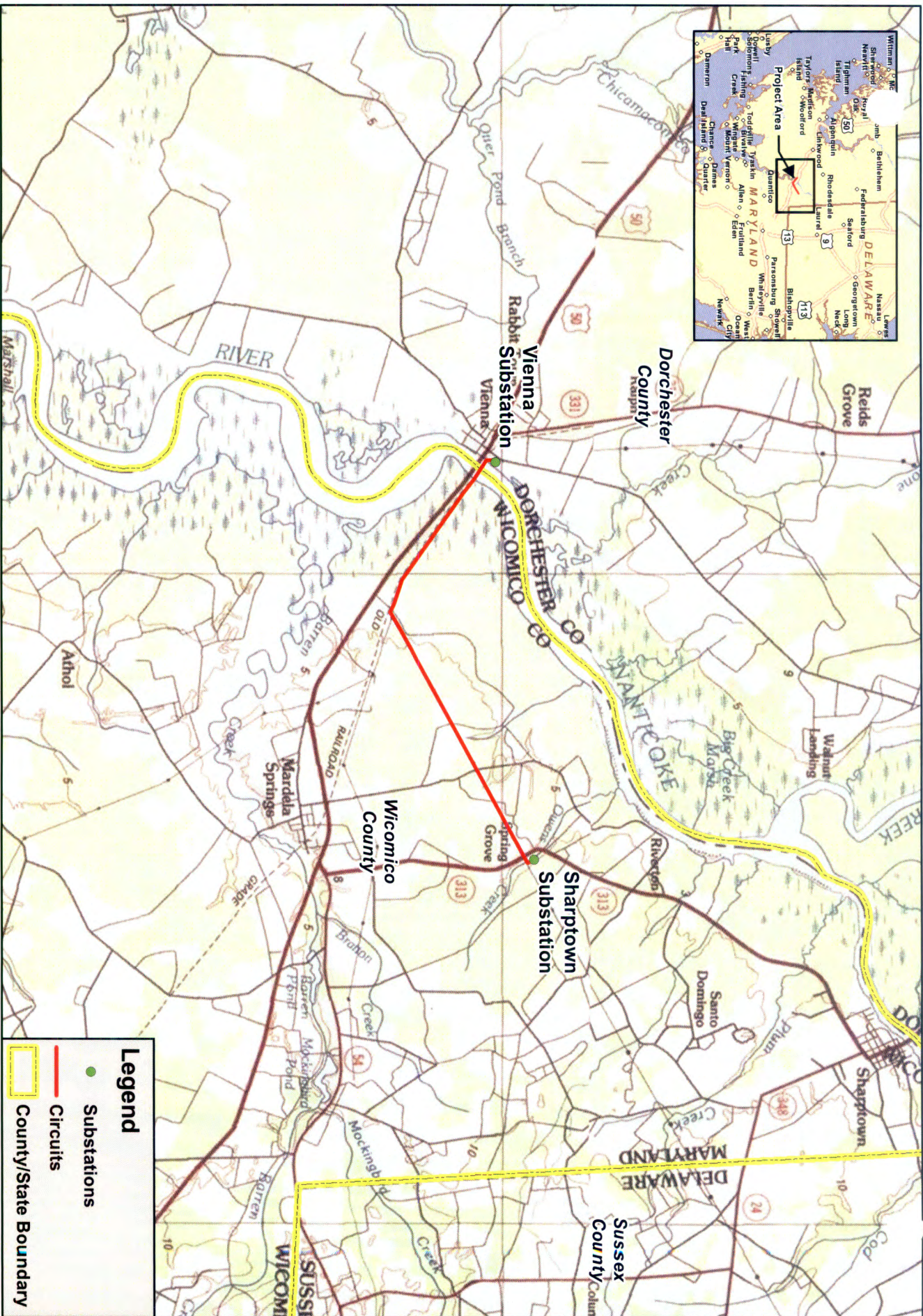
Any person who has an interest which may be adversely affected by the issuance of this permit may request a public hearing. The request, which must be in writing, must be received by the District Engineer, Department of the Army, Baltimore District Corps of Engineers, Attn: Regulatory Branch, 10 S. Howard Street, Baltimore, Maryland 21201, within the comment period as specified above to receive consideration. Also it must clearly set forth the interest which may be adversely affected by this activity and the manner in which the interest may be adversely affected.

It is requested that you communicate this information concerning the proposed work to any persons know by you to be interested and not being known to this office, who did not receive a copy of this notice.

FOR THE DISTRICT ENGINEER:

KATHY B. ANDERSON  
Chief, Maryland Section Southern





**Legend**

- Substations
- Circuits
- County/State Boundary



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Site Location Map  
Vienna to Sharptown

Transmission Line Rebuild Project  
Wicomico & Dorchester County, MD

Sources: USGS [Mardela Springs Quadrangle], PHI



**Wetland Index - Impact Calculations**

Sheet(s)	Wetland (WL)	Type	Class	Wetland Size		Temporary Matting		Permanent Impacts (Pole Replacement)		No. of Poles (6 ft diameter)	No. of Foundations (15x15 ft)
				Sq. Ft	Acres	Sq. Ft	Acres	Sq. Ft	Acres		
1-5	WL-1	Tidal	E2EMP/E2EM1R	890,015.67	20.4319	77,878.90	1.7879	281.55	0.0065	2	1
5,6	WL-1	Non-Tidal	PEM1E/PEM1D	93,227.19	2.1402	6,977.07	0.1602	0.00	0.0000	0	0
7-9	WL-1	Tidal/WSSC	E2EMP/E2EM1R	197,998.43	4.5454	2,372.77	0.0545	0.00	0.0000	0	0
7-9	WL-1	Non-Tidal/WSSC	PEM1E/PEM1D	78,192.01	1.7950	5,654.25	0.1298	28.27	0.0006	1	0
11,12	WL-2	Non-Tidal	PEM2A	1,852.51	0.0425	0.00	0.0000	0.00	0.0000	0	0
13,14	WL-3	Non-Tidal/WSSC	PEM1B/PEM1A	34,647.60	0.7954	1,425.44	0.0327	0.00	0.0000	0	0
15,16	WL-4	Non-Tidal	PAB3F	15,186.23	0.3486	0.00	0.0000	0.00	0.0000	0	0
17-25	WL-5	Non-Tidal	PEM1B	29,985.41	0.6884	8,291.19	0.1903	28.27	0.0006	1	0
<b>TOTALS</b>				<b>1,341,105.05</b>	<b>30.7875</b>	<b>102,599.62</b>	<b>2.3554</b>	<b>338.10</b>	<b>0.0078</b>	<b>4</b>	<b>1</b>



**Wetland Impacts**

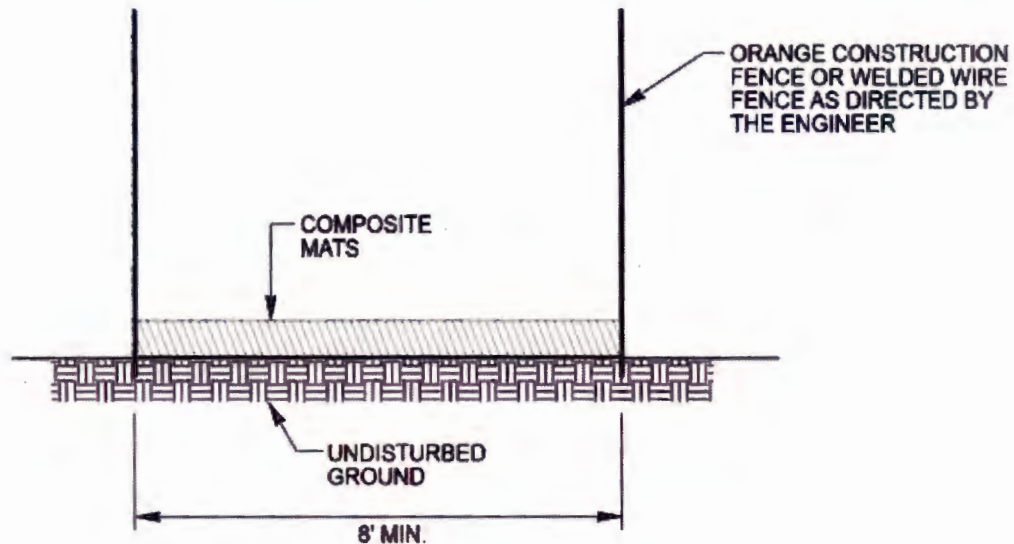
**Permit Plans**  
**Vienna to Sharptown**  
**Transmission Line**  
**Rebuild Project**

January 29, 2016

Sheet i

# DETAIL B-3-1 ACCESS ROAD COMPOSITE MATTING

STANDARD SYMBOL



PROFILE



PLAN VIEW

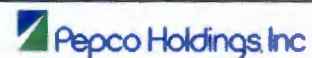
## CONSTRUCTION SPECIFICATIONS

1. COMPOSITE MATS TO BE INSTALLED AS INDICATED ON CONSTRUCTION DOCUMENTS OR AS DIRECTED BY ENGINEER.
2. ACCESS ROUTES TO BE VERIFIED BY ENGINEER AT PRE-CONSTRUCTION MEETING. REVISIONS TO THE ALIGNMENT THAT MINIMIZE DISTURBANCE ARE ENCOURAGED, AND REQUIRE REVIEW AND APPROVAL BY THE ENGINEER.
3. CONTRACTOR SHALL MAINTAIN COMPOSITE MAT THROUGHOUT CONSTRUCTION PERIOD.
4. SCARIFICATION OF THE ROADWAY AND STABILIZATION TO OCCUR UPON REMOVAL OF ACCESS ROAD.

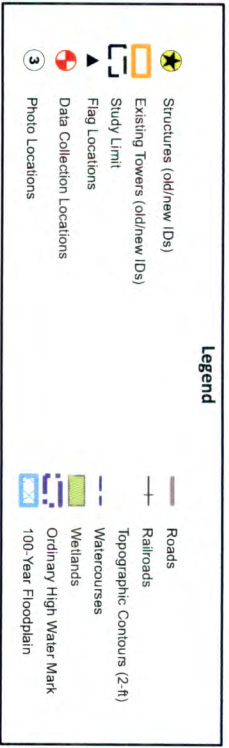
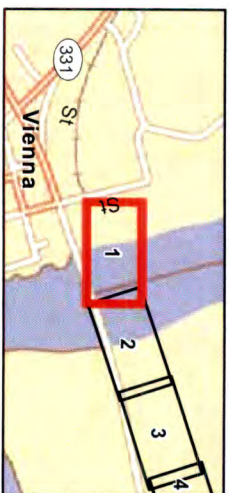
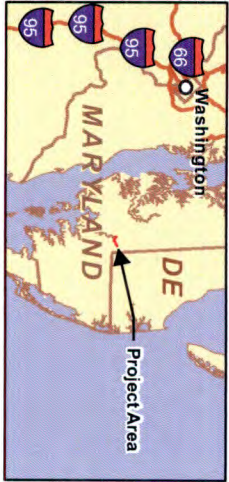
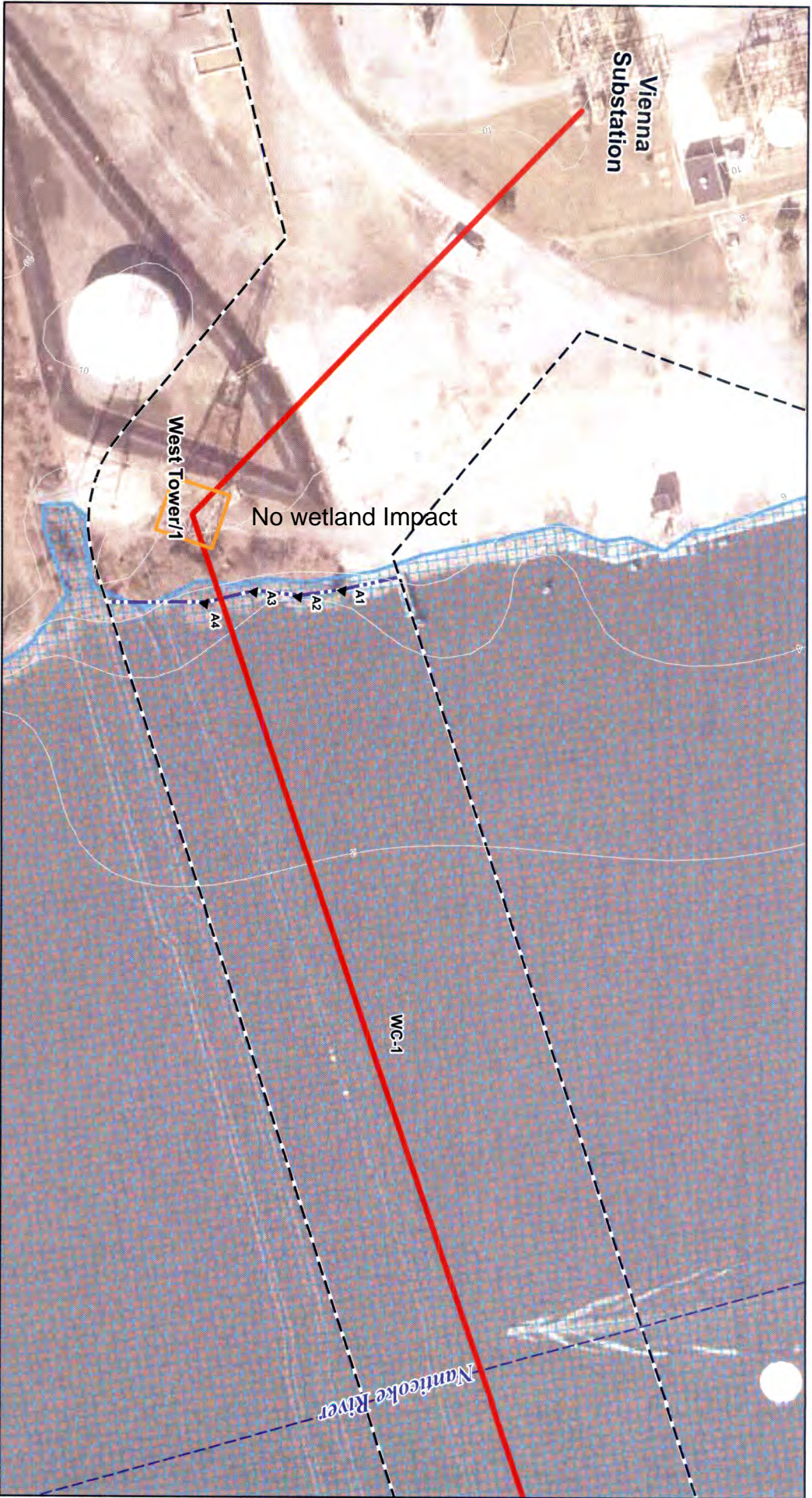
PHI STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

SOURCE: U.S. DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE

AUGUST 30, 2013  
REVISION 1.0

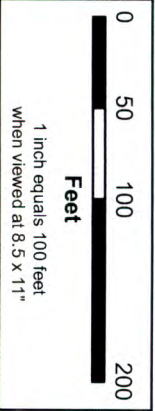






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- Notes:
1. 2' contours obtained from the NOAA Digital Coast
  2. Field wetland delineation performed by Black & Veatch on May 13, 2015.
  3. Wetland flags located using a Trimble® Dual Frequency GPS unit collecting in DGPS mode.
  4. Aerial Source: USGS 2010

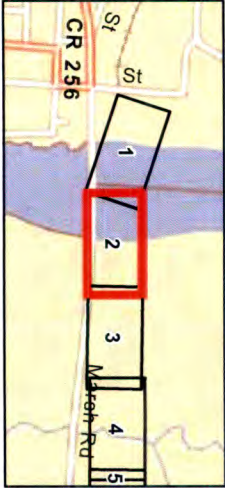
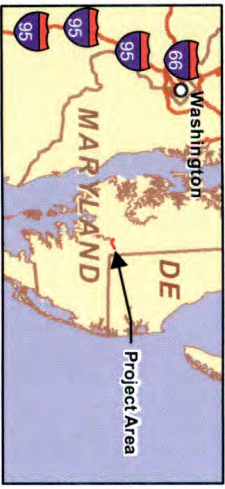
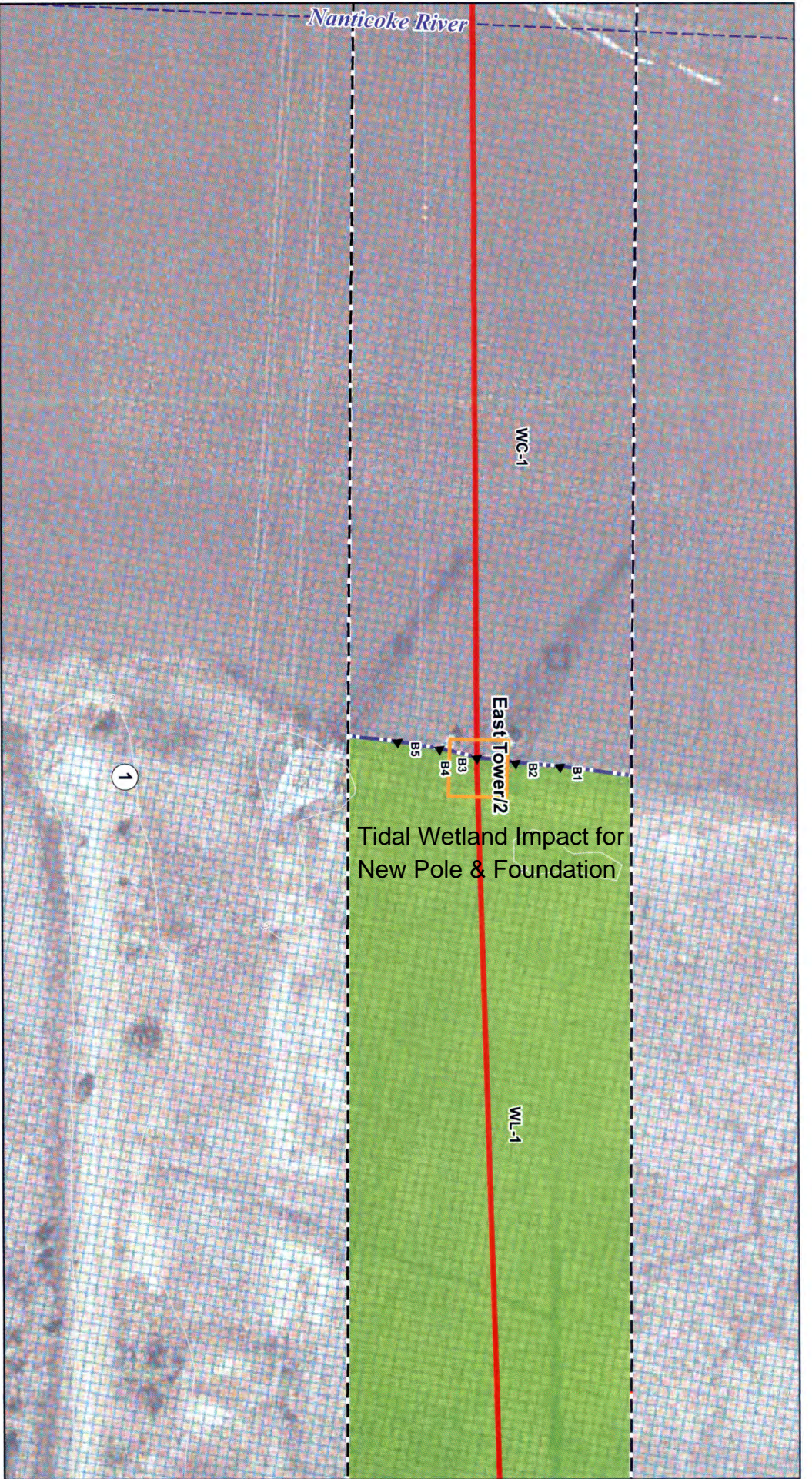
Wetlands Plan  
Vienna to Sharptown  
Transmission Line Rebuild Project  
Wicomico & Dorchester County, MD

July 30, 2015

Sheet 1 of 26

Sources: Black & Veatch, PH, MD SHA, USGS NHD, FEMA, ERI





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0 50 100 200  
**Feet**  
1 inch equals 100 feet  
when viewed at 8.5 x 11"

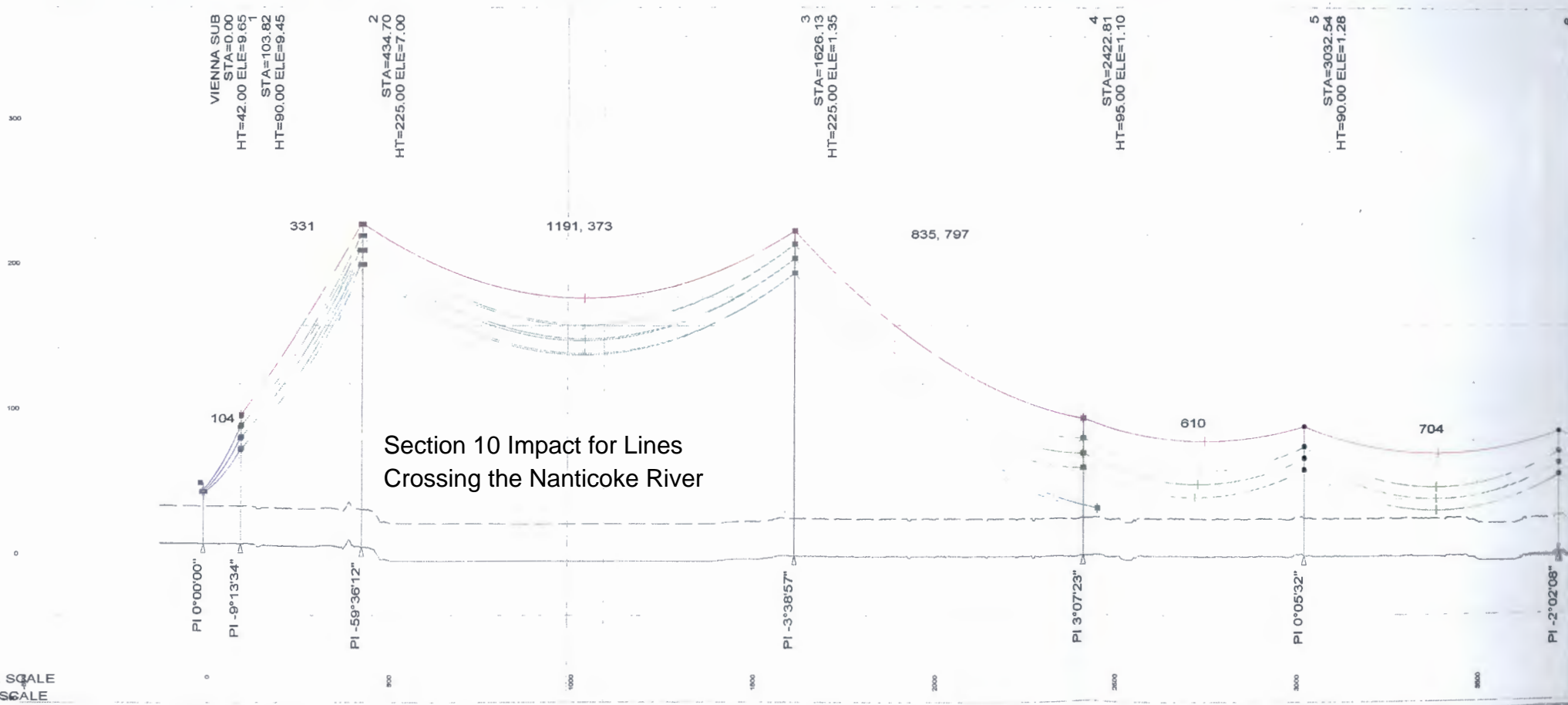
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**Wetlands Plan**  
Vienna to Sharptown  
Transmission Line Rebuild Project  
Wicomico & Dorchester County, MD

July 30, 2015  
Sheet 2 of 26

Sources: Black & Veatch, PHL, MD SPA, USGS NHD, FEMA, ESRI





HORIZ. SCALE  
VERT. SCALE

AS PREPARED BY HENKELS  
FOR A SPECIFIC PROJECT, TAKING  
CONSIDERATION THE SPECIFIC AND UNIQUE  
CIRCUMSTANCES OF THE PROJECT. REUSE OF  
OR REPRODUCTION OF ANY INFORMATION CONTAINED  
HEREIN FOR ANY PURPOSE IS  
PROHIBITED WITHOUT WRITTEN PERMISSION FROM  
HENKELS AND MCCOY AND PFI HOLDINGS

STATIC TYPE	COND. TYPE
DNO-9409 AC-85/638 54 KCM ACSR 45/7	54 KCM ACSR 45/7
TENSION X,XXX LBS.	TENSION X,XXX LBS.
TENSION CONDITION	TENSION CONDITION
NESC HEAVY, INITIAL SC HEAVY, INITIAL	NESC HEAVY, INITIAL SC HEAVY, INITIAL
	MAX. OP. TEMP. 257 °F

YR. CONST. W/O  
NOTE: HORIZ. SCALE BIGGER THAN P&P STANDARD FOR CLARITY.

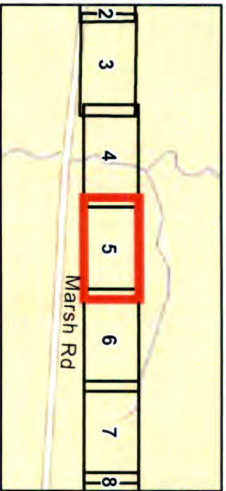
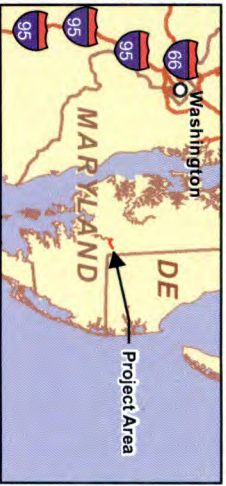
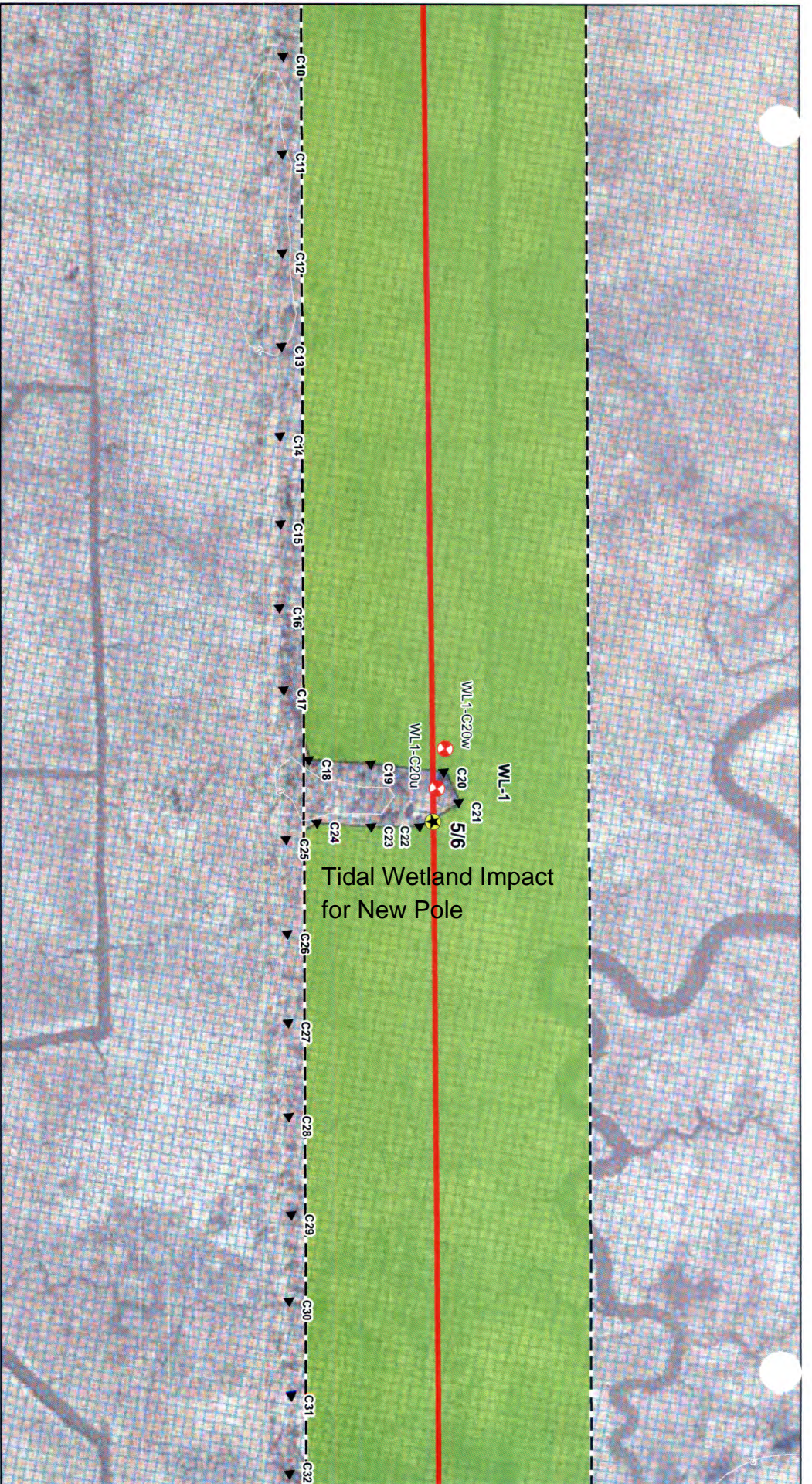
REV	REVISION DESCRIPTION	DATE	BY	CK.
A	ISSUED FOR 30% REVIEW	9/18/15	ADS	DAF

SEAL

DESIGN  
JOB  
CHECKED  
DATE

de  
PE





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0 50 100 200  
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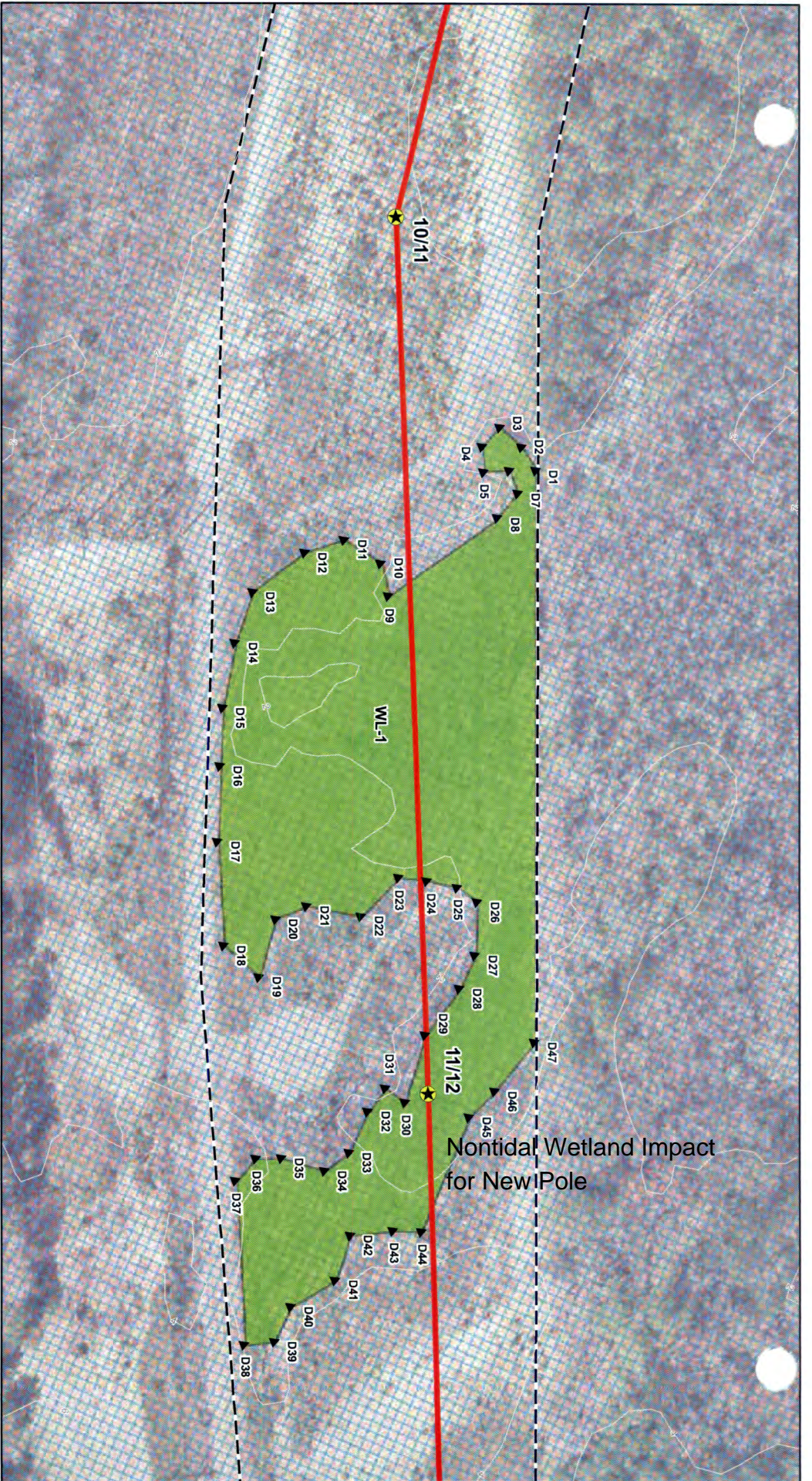
**Wetlands Plan**  
Vienna to Sharptown  
Transmission Line Rebuild Project  
Wicomico & Dorchester County, MD

July 30, 2015

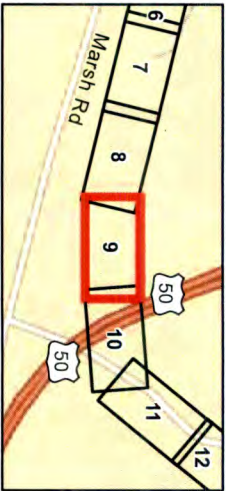
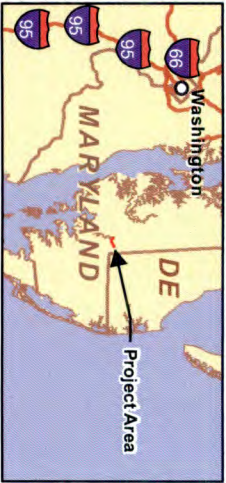
Sheet 5 of 26

Sources: Black & Veatch, PH, MD SHA, USGS NHD, FEMA, ERI





Nontidal Wetland Impact  
for New Pole



Notes:

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when viewed at 8.5 x 11"



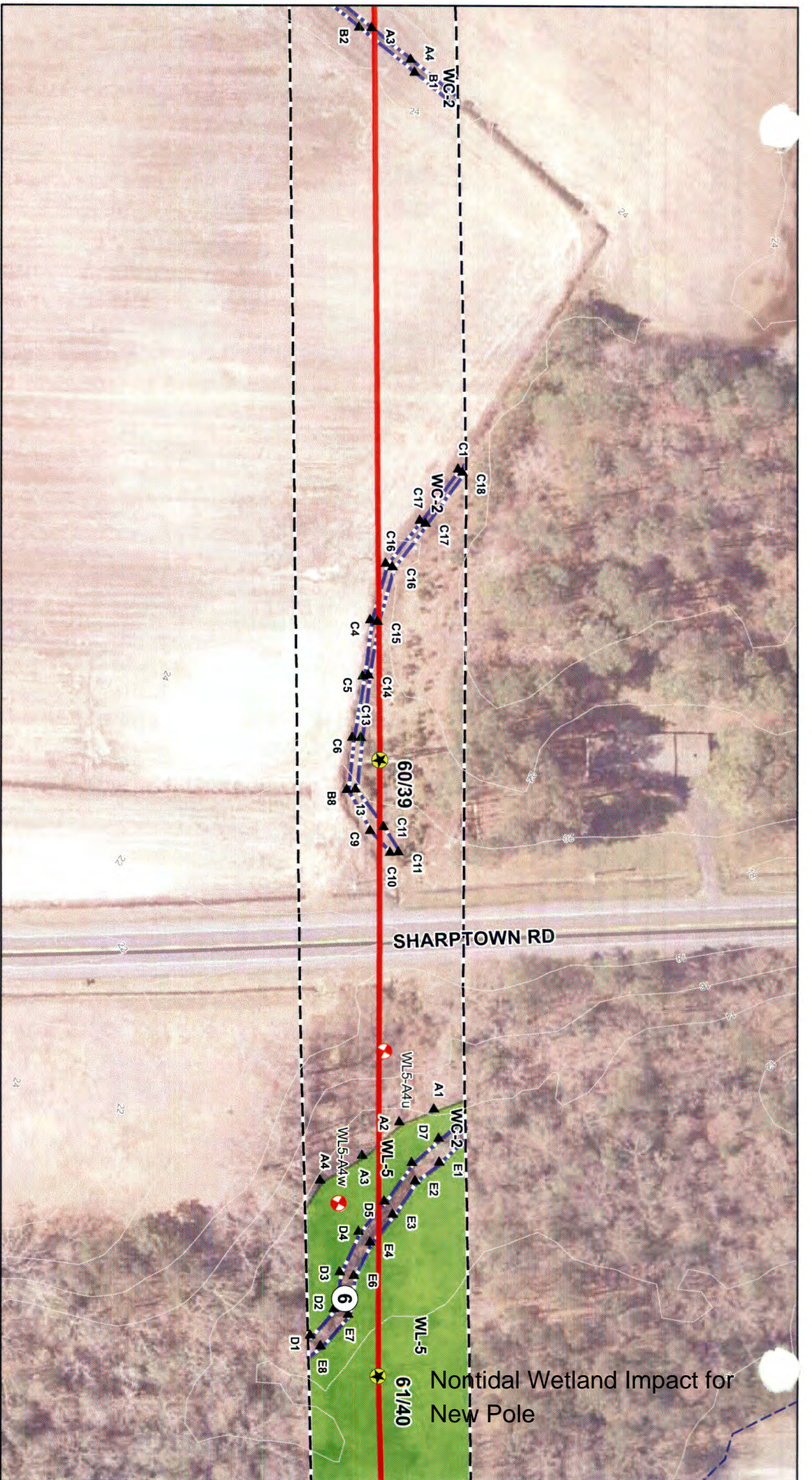
Wetlands Plan  
Vienna to Sharptown  
Transmission Line Rebuild Project  
Wicomico & Dorchester County, MD

July 30, 2015

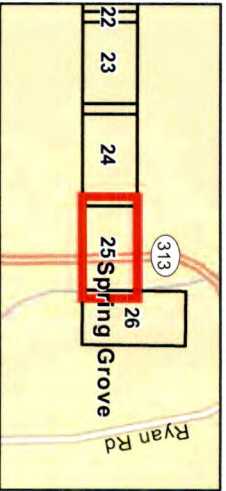
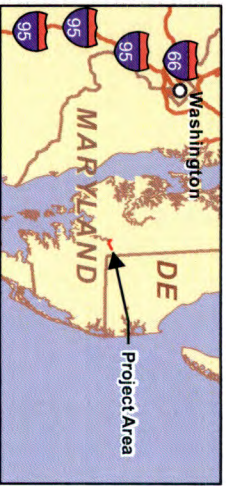
Sheet 9 of 26

Source: Black & Veatch, PHL, MD SHA, USGS, NHD, FEMA, Esri





Nontidal Wetland Impact for  
New Pole



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July 30, 2015

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Wicomico & Dorchester County, MD

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1 inch equals 100 feet  
when viewed at 8.5 x 11"