

**U.S. Army Corps
Of Engineers**

Public Notice

**In Reply to Application Number
CENAB-OP-RMN (Baltimore Co. DPW/Powder Mill Run Sewer)
2015- 61104-M02**

PN-15-79

Comment Period: November 02, 2015 – December 01, 2015

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

The Baltimore District has received an application for a Department of the Army Permit pursuant to Section 404 of the Clean Water Act.

APPLICANT: Baltimore County Department of Public Works
c/o Mr. David Bayer, P.E.
111 W. Chesapeake Avenue, Room 200
Towson, Maryland 21204

LOCATION: Powder Mill Run, and adjacent wetlands, Baltimore City and Baltimore County, Maryland.

WORK: The applicant proposes to permanently impact 59 square feet of nontidal wetlands for the installation of three manholes and to temporarily impact 56,455 square feet of nontidal wetlands due to installation of timber mats or placement of mulch for construction access, and to temporarily impact 1,691 linear feet (35,535 square feet) of stream for sewer line installation, access, and temporary construction disturbances. No mitigation is proposed.

The purpose of the project is to rehabilitate and replace a deteriorating sewer line to eliminate future sewer overflows.

All work is to be completed in accordance with the enclosed plans. If you have any questions concerning this matter, please contact Mr. Jon Romeo of this office at (410) 962-6079 or at jon.romeo@usace.army.mil.

The decision whether to issue a permit will be based on an evaluation of the probable impact 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 reasonably 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, economics, 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, and, in general, the needs and welfare of the people.

An evaluation of the work described above on the public interest will include application of the Clean Water Act Section 404 (b) (1) Guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 of the Clean Water Act.

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 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, U.S. Army Corps of Engineers, Baltimore District, [ATTN: Mr. Jon Romeo, CENAB-OP-RMN] P.O. Box 1715, Baltimore, Maryland 21203-1715, within the comment period specified above.

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

COASTAL ZONE MANAGEMENT PROGRAM: The applicant has certified in this application that the proposed activity complies with and will be conducted in a manner consistent with the Maryland Coastal Zone Management (CZM) Program. By this public notice, we are requesting the State concurrence or objection to applicant's consistency statement. Public comments relating to consistency must be received by the Maryland Department of the Environment, Nontidal Wetlands Division, Montgomery Park Business Center, 1800 Washington Boulevard, Suite 430, Baltimore, Maryland 21230-1708 within the comment period specified above to receive consideration. MDE has a statutory limit of 6 months to concur or object to the applicant's consistency determination.

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 listed 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.

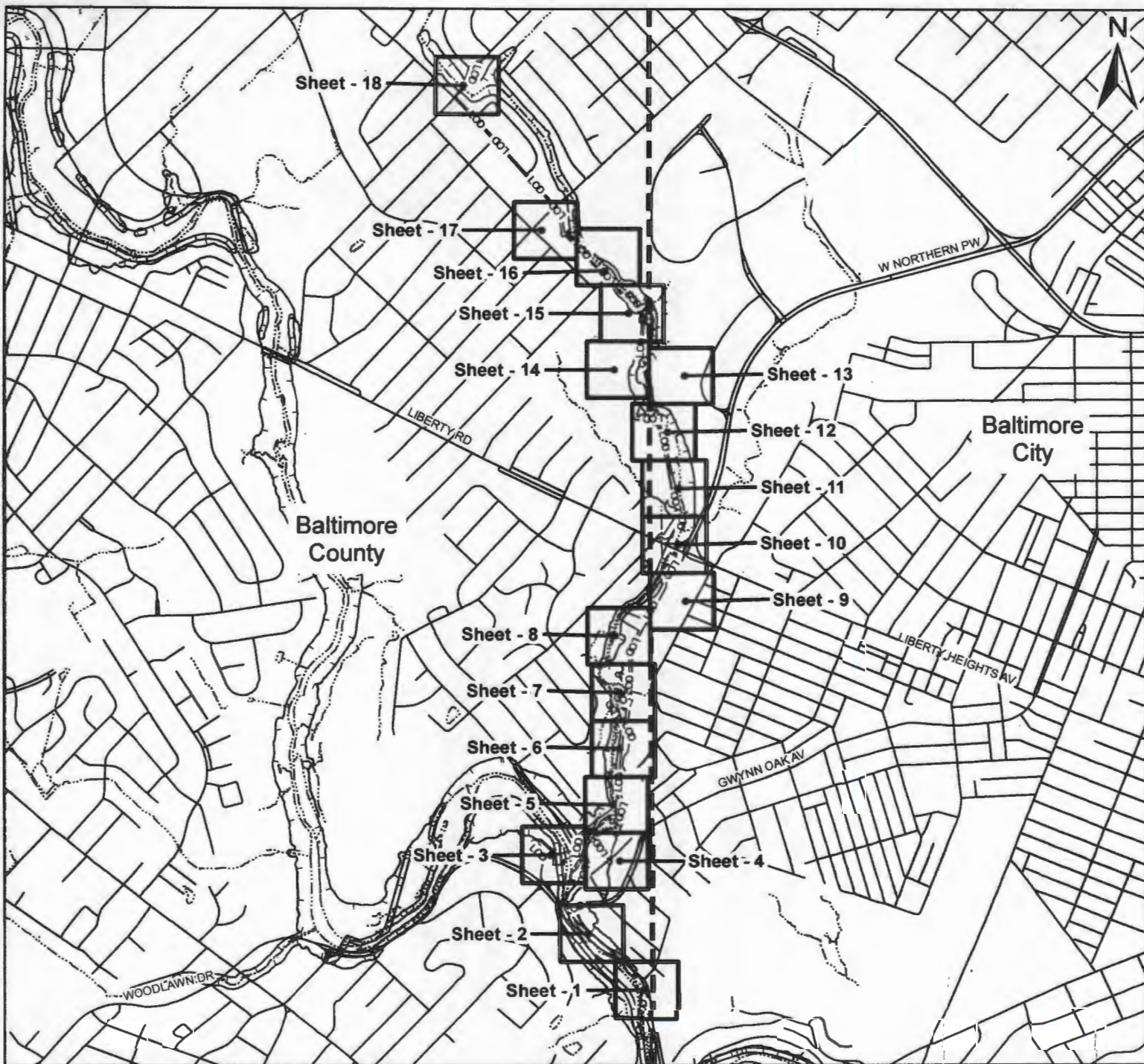
Review of the latest published version of the National Register of Historic Places indicates that no registered properties listed as eligible for inclusion therein are located at the site of the proposed work. Currently unknown archeological, scientific, prehistoric, or historical data may be lost or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

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, U.S. Army Corps of Engineers, Baltimore District, [Attn: Mr. Jon Romeo, CENAB-OP-RMN] PO Box 1715, Baltimore, Maryland 21203-1715, within the comment period as specified as above to receive consideration. Also, it must clearly state forth the interest which may be adversely affected by this activity in the manner in which the interest may be adversely affected.

It is requested that you communicate the foregoing information concerning the proposed work to any persons known 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:

Joseph P. DaVia
Chief, Maryland Section Northern



LEGEND

100-YR FLOODPLAIN
 COUNTY BOUNDARY
 ROADS
 PROJECT AREA
 WATERWAY
 LOD LIMITS OF DISTURBANCE

WATERS OF THE U.S. (WUS) IMPACTS

TEMPORARY WUS IMPACTS = 35,535 SF/ 0.82 AC/ 1,691 LF
 PERMANENT WUS IMPACTS = N/A

WETLAND IMPACTS

TEMPORARY WETLAND IMPACTS = 56,455 SF/ 1.30 AC
 PERMANENT WETLAND IMPACTS = 59 SF/ <0.01 AC
 TEMPORARY PEM = 7,245 SF/ 0.17 AC PERMANENT PEM = 0 SF/ 0 AC
 TEMPORARY PFO = 49,210 SF/ 1.13 AC PERMANENT PFO = 59 SF/ <0.01 AC

FLOODPLAIN IMPACTS

TEMPORARY FLOODPLAIN IMPACTS = 214,728 SF/ 4.93 AC
 PERMANENT FLOODPLAIN IMPACTS = N/A

WETLAND BUFFER IMPACTS

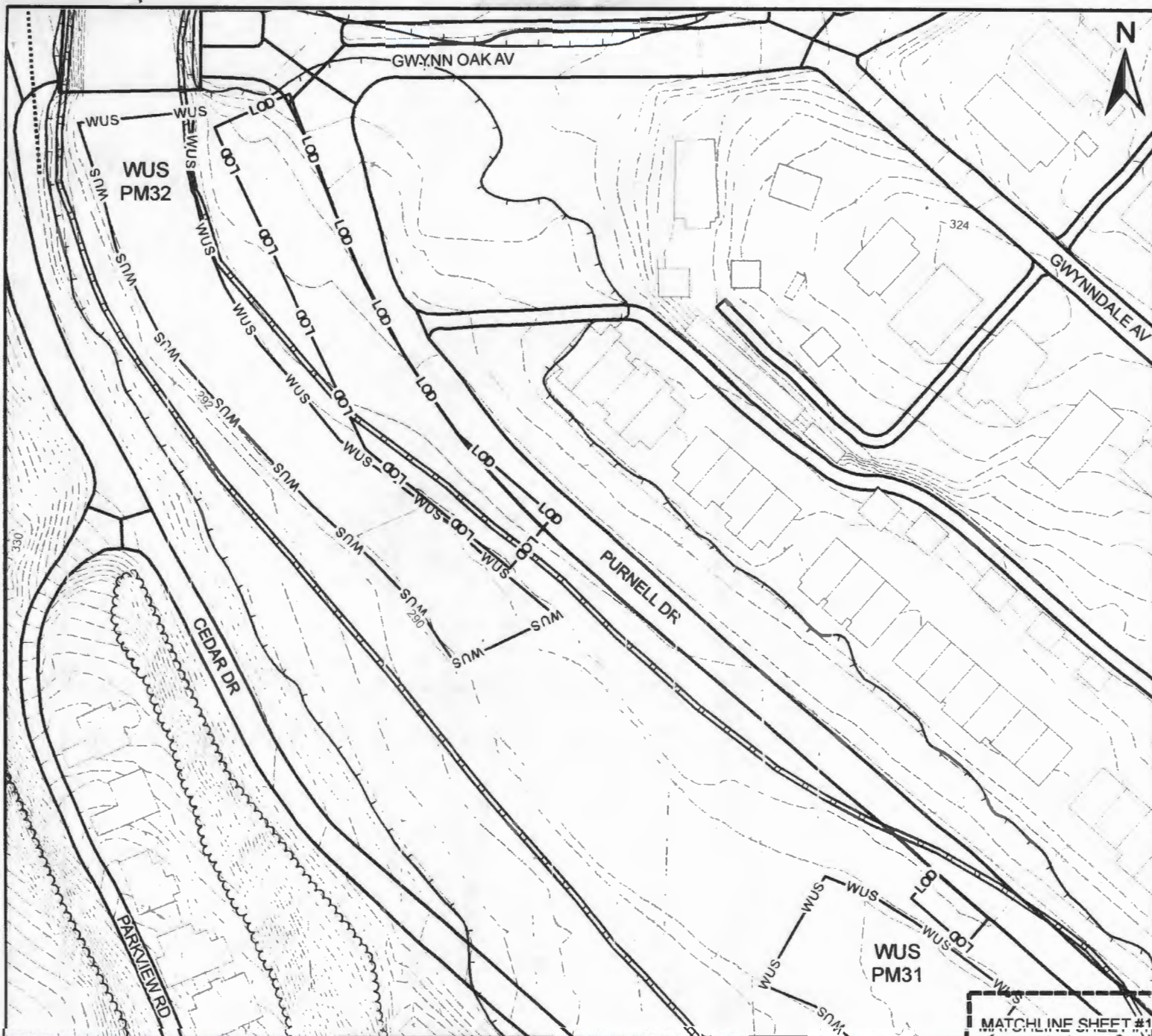
TEMPORARY WETLAND BUFFER IMPACTS = 75,579 SF/ 1.74 AC
 PERMANENT WETLAND BUFFER IMPACTS = 76 SF/ <0.01 AC



POWDER MILL INTERCEPTOR RELIEF SEWER & REHABILITATION

COUNTY: BALTIMORE COUNTY & CITY
 APPLICATION BY: BALTIMORE COUNTY
 DEPT. OF PUBLIC WORKS
 JUNE 2015

SCALE: 0 850 1,700 3,400
 1 INCH = 1,700 FEET



| | | | |
|---------------------|-------------------|-------------------|---------------------------|
| WETLAND BOUNDARY | WUS- WUS BOUNDARY | PROPOSED MANHOLE | LOD LIMITS OF DISTURBANCE |
| 100-YEAR FLOODPLAIN | WB WETLAND BUFFER | PROPOSED PIPELINE | 2-FOOT EXISTING CONTOUR |
| TREE LINE | STRUCTURES | MATCHLINE | ROADS |

WATERS OF THE U.S. (WUS) IMPACTS

| | |
|--|--|
| | TEMPORARY WUS IMPACTS = 0 SF/0 AC/0 LF |
| | PERMANENT WUS IMPACTS = N/A |

WETLAND IMPACTS

| | |
|--|---------------------------------------|
| | TEMPORARY WETLAND IMPACTS = 0 SF/0 AC |
| | PERMANENT WETLAND IMPACTS = 0 SF/0 AC |

TEMPORARY PEM = 0 SF/0 AC

PERMANENT PEM = 0 SF/0 AC

TEMPORARY PFO = 0 SF/0 AC

PERMANENT PFO = 0 SF/0 AC

100-YEAR FLOODPLAIN IMPACTS

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|--|---|
| | TEMPORARY FLOODPLAIN IMPACTS = 20,050 SF/ 0.46 AC |
| | PERMANENT FLOODPLAIN IMPACTS = N/A |

WETLAND BUFFER IMPACTS

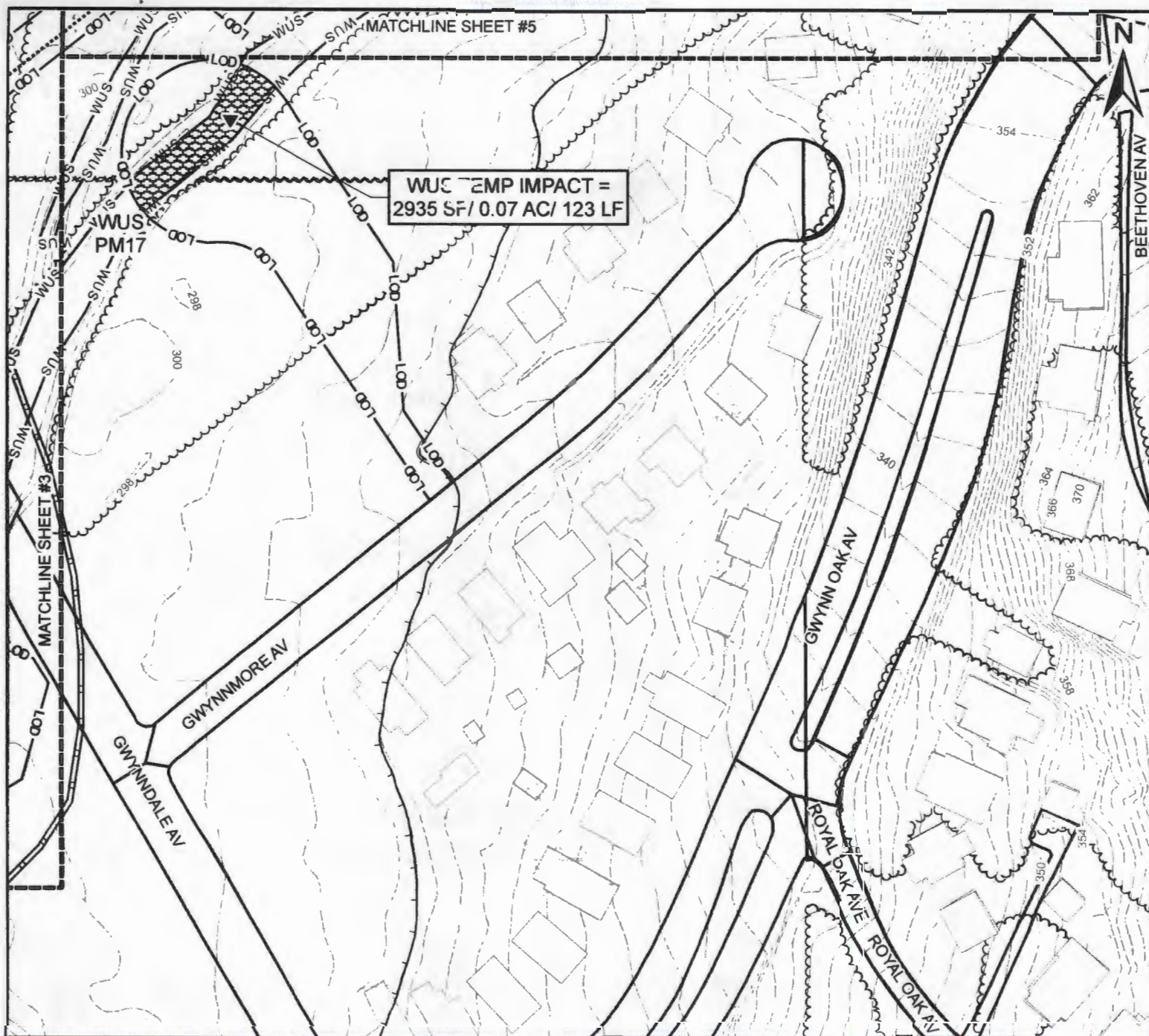
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| | TEMPORARY BUFFER IMPACTS = 0 SF/0 AC |
| | PERMANENT BUFFER IMPACTS = 0 SF/0 AC |



POWDER MILL INTERCEPTOR RELIEF SEWER & REHABILITATION

COUNTY: BALTIMORE COUNTY
APPLICATION BY: BALTIMORE COUNTY
DEPT. OF PUBLIC WORKS
SHEET # 2 OF 18 JUNE 2015

SCALE: 0 50 100 200
1 INCH = 100 FEET Feet



WUS TEMP IMPACT =
2935 SF/ 0.07 AC/ 123 LF

LEGEND

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|-----------------------|--------------------|-------------------------|-----------------------------|
| —●— WETLAND BOUNDARY | —WUS— WUS BOUNDARY | ● PROPOSED MANHOLE | —LOD LIMITS OF DISTURBANCE |
| — 100-YEAR FLOODPLAIN | —WB WETLAND BUFFER | PROPOSED PIPELINE | --- 2-FOOT EXISTING CONTOUR |
| --- TREE LINE | □ STRUCTURES | - - - MATCHLINE | □ ROADS |

WATERS OF THE U.S. (WUS) IMPACTS

- TEMPORARY WUS IMPACTS = 2,935 SF/ 0.07 AC/ 123 LF
 PERMANENT WUS IMPACTS = N/A

100-YEAR FLOODPLAIN IMPACTS

- TEMPORARY FLOODPLAIN IMPACTS = 20,795 SF/ 0.48 AC
 PERMANENT FLOODPLAIN IMPACTS = N/A

WETLAND IMPACTS

- TEMPORARY WETLAND IMPACTS = 0 SF/ 0 AC
 PERMANENT WETLAND IMPACTS = 0 SF/ 0 AC

TEMPORARY PEM = 0 SF/ 0 AC

PERMANENT PEM = 0 SF/ 0 AC

TEMPORARY PFO = 0 SF/ 0 AC

PERMANENT PFO = 0 SF/ 0 AC

WETLAND BUFFER IMPACTS

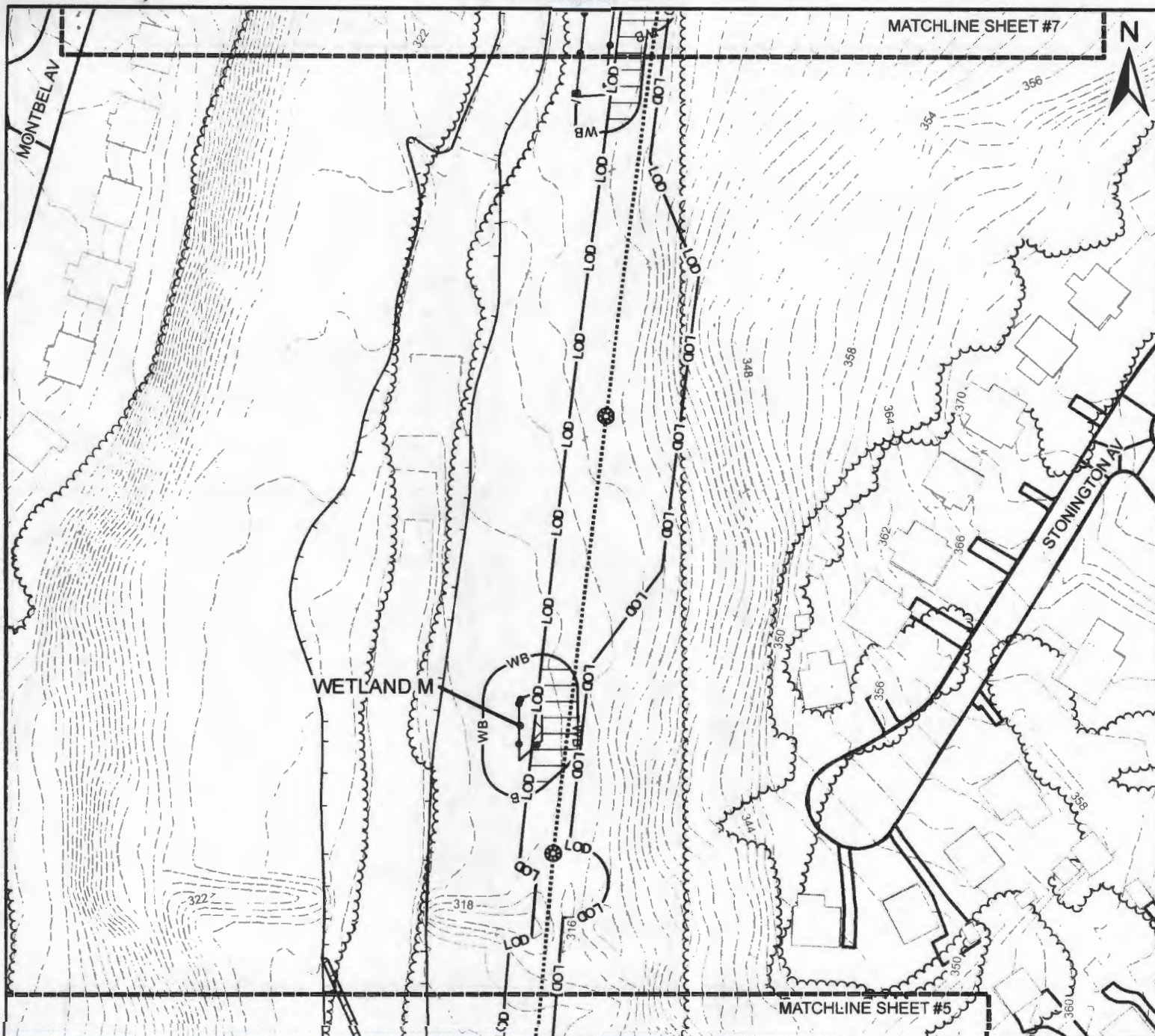
- TEMPORARY BUFFER IMPACTS = 0 SF/ 0 AC
 PERMANENT BUFFER IMPACTS = 0 SF/ 0 AC

POWDER MILL INTERCEPTOR RELIEF SEWER & REHABILITATION



COUNTY: BALTIMORE COUNTY
 APPLICATION BY: BALTIMORE COUNTY
 DEPT. OF PUBLIC WORKS
 SHEET # 4 OF 18 JUNE 2015

SCALE: 0 50 100 200
 1 INCH = 100 FEET Feet



LEGEND

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|-----------------------|---------------------|-------------------------|-----------------------------|
| —●— WETLAND BOUNDARY | —WUS— WUS BOUNDARY | ● PROPOSED MANHOLE | —LOD LIMITS OF DISTURBANCE |
| — 100-YEAR FLOODPLAIN | —WB— WETLAND BUFFER | PROPOSED PIPELINE | --- 2-FOOT EXISTING CONTOUR |
| --- TREE LINE | □ STRUCTURES | --- MATCHLINE | □ ROADS |

WATERS OF THE U.S. (WUS) IMPACTS

- | | |
|---|--|
| ▨ | TEMPORARY WUS IMPACTS = 0 SF/0 AC/0 LF |
| ▩ | PERMANENT WUS IMPACTS = N/A |

100-YEAR FLOODPLAIN IMPACTS

- | | |
|---|--|
| ▨ | TEMPORARY FLOODPLAIN IMPACTS = 0 SF/0 AC |
| ▩ | PERMANENT FLOODPLAIN IMPACTS = N/A |

WETLAND IMPACTS

- | | |
|---|--|
| ▨ | TEMPORARY WETLAND IMPACTS = 1,039 SF/0.02 AC |
| ▩ | PERMANENT WETLAND IMPACTS = 0 SF/0 AC |

TEMPORARY PEM = 1,039 SF/0.02 AC PERMANENT PEM = 0 SF/0 AC

TEMPORARY PFO = 0 SF/0 AC PERMANENT PFO = 0 SF/0 AC

WETLAND BUFFER IMPACTS

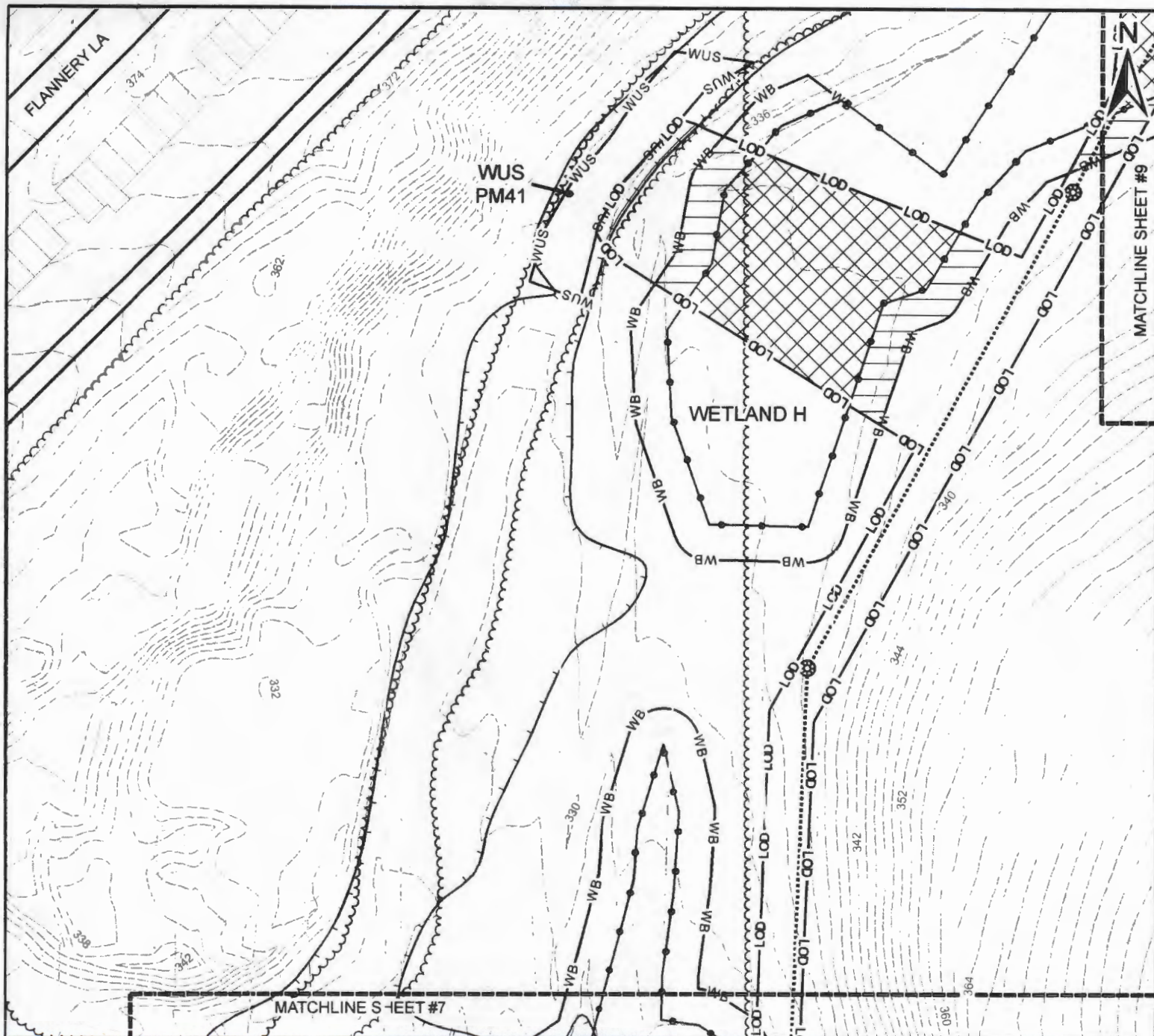
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| ▨ | TEMPORARY BUFFER IMPACTS = 3132 SF/0.07 AC |
| ▩ | PERMANENT BUFFER IMPACTS = 0 SF/0 AC |

POWDER MILL INTERCEPTOR RELIEF SEWER & REHABILITATION

COUNTY: BALTIMORE COUNTY
APPLICATION BY: BALTIMORE COUNTY
DEPT. OF PUBLIC WORKS
SHEET # 6 OF 18 JUNE 2015



SCALE: 0 50 100 200
1 INCH = 100 FEET Feet



LEGEND

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|-----------------------|--------------------|-------------------------|-----------------------------|
| —●— WETLAND BOUNDARY | —WUS— WUS BOUNDARY | ⊙ PROPOSED MANHOLE | —LOD LIMITS OF DISTURBANCE |
| — 100-YEAR FLOODPLAIN | —WB WETLAND BUFFER | PROPOSED PIPELINE | --- 2-FOOT EXISTING CONTOUR |
| --- TREE LINE | □ STRUCTURES | - - - MATCHLINE | □ ROADS |

WATERS OF THE U.S. (WUS) IMPACTS

- | | |
|---|--|
| ▨ | TEMPORARY WUS IMPACTS = 0 SF/0 AC/0 LF |
| ▩ | PERMANENT WUS IMPACTS = N/A |

WETLAND IMPACTS

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|---|---|
| ▨ | TEMPORARY WETLAND IMPACTS = 17,786 SF/0.41 AC |
| ▩ | PERMANENT WETLAND IMPACTS = 0 SF/0 AC |

TEMPORARY PEM = 0 SF/0 AC

PERMANENT PEM = 0 SF/0 AC

TEMPORARY PFO = 17,786 SF/0.41 AC

PERMANENT PFO = 0 SF/0 AC

100-YEAR FLOODPLAIN IMPACTS

- | | |
|---|---|
| ▨ | TEMPORARY FLOODPLAIN IMPACTS = 930 SF/0.02 AC |
| ▩ | PERMANENT FLOODPLAIN IMPACTS = N/A |

WETLAND BUFFER IMPACTS

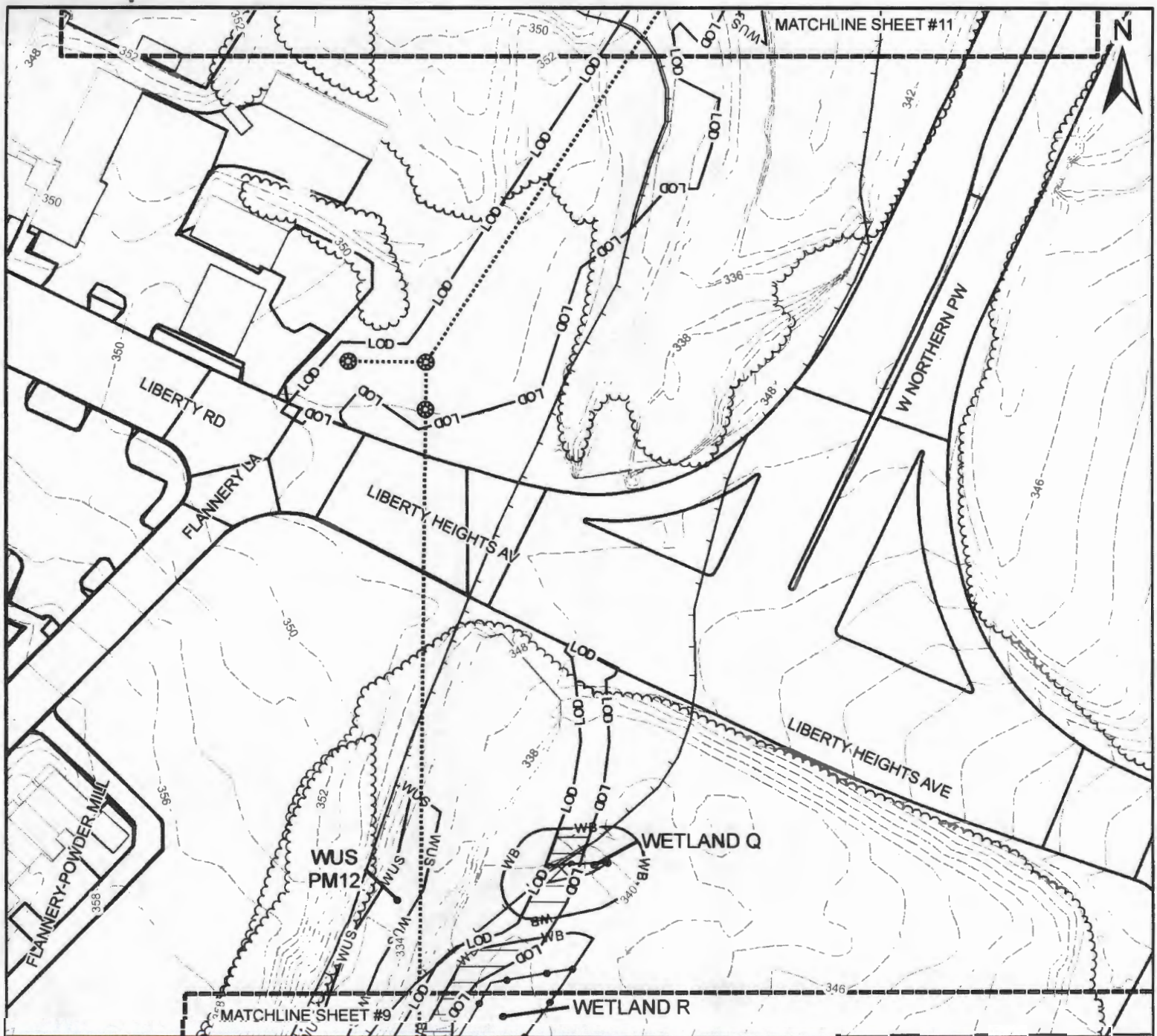
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| ▨ | TEMPORARY BUFFER IMPACTS = 7,163 SF/0.16 AC |
| ▩ | PERMANENT BUFFER IMPACTS = 0 SF/0 AC |



POWDER MILL INTERCEPTOR RELIEF SEWER & REHABILITATION

COUNTY: BALTIMORE COUNTY
 APPLICATION BY: BALTIMORE COUNTY
 DEPT. OF PUBLIC WORKS
 SHEET # 8 OF 18 JUNE 2015

SCALE: 0 50 100 200
 1 INCH = 100 FEET Feet



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|---------------------|-------------------|-------------------|---------------------------|
| WETLAND BOUNDARY | WUS- WUS BOUNDARY | PROPOSED MANHOLE | LOD LIMITS OF DISTURBANCE |
| 100-YEAR FLOODPLAIN | WB WETLAND BUFFER | PROPOSED PIPELINE | 2-FOOT EXISTING CONTOUR |
| TREE LINE | STRUCTURES | MATCHLINE | ROADS |

WATERS OF THE U.S. (WUS) IMPACTS

| | |
|-------------------------|------------------|
| TEMPORARY WUS IMPACTS = | 0 SF/ 0 AC/ 0 LF |
| PERMANENT WUS IMPACTS = | N/A |

WETLAND IMPACTS

| | |
|-----------------------------|------------------|
| TEMPORARY WETLAND IMPACTS = | 2,58 SF/ 0.01 AC |
| PERMANENT WETLAND IMPACTS = | 0 SF/ 0 AC |

TEMPORARY PEM = 0 SF/ 0 AC

PERMANENT PEM = 0 SF/ 0 AC

TEMPORARY PFO = 2,58 SF/ 0.01 AC

PERMANENT PFO = 0 SF/ 0 AC

100-YEAR FLOODPLAIN IMPACTS

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|--------------------------------|-------------------|
| TEMPORARY FLOODPLAIN IMPACTS = | 6,097 SF/ 0.14 AC |
| PERMANENT FLOODPLAIN IMPACTS = | N/A |

WETLAND BUFFER IMPACTS

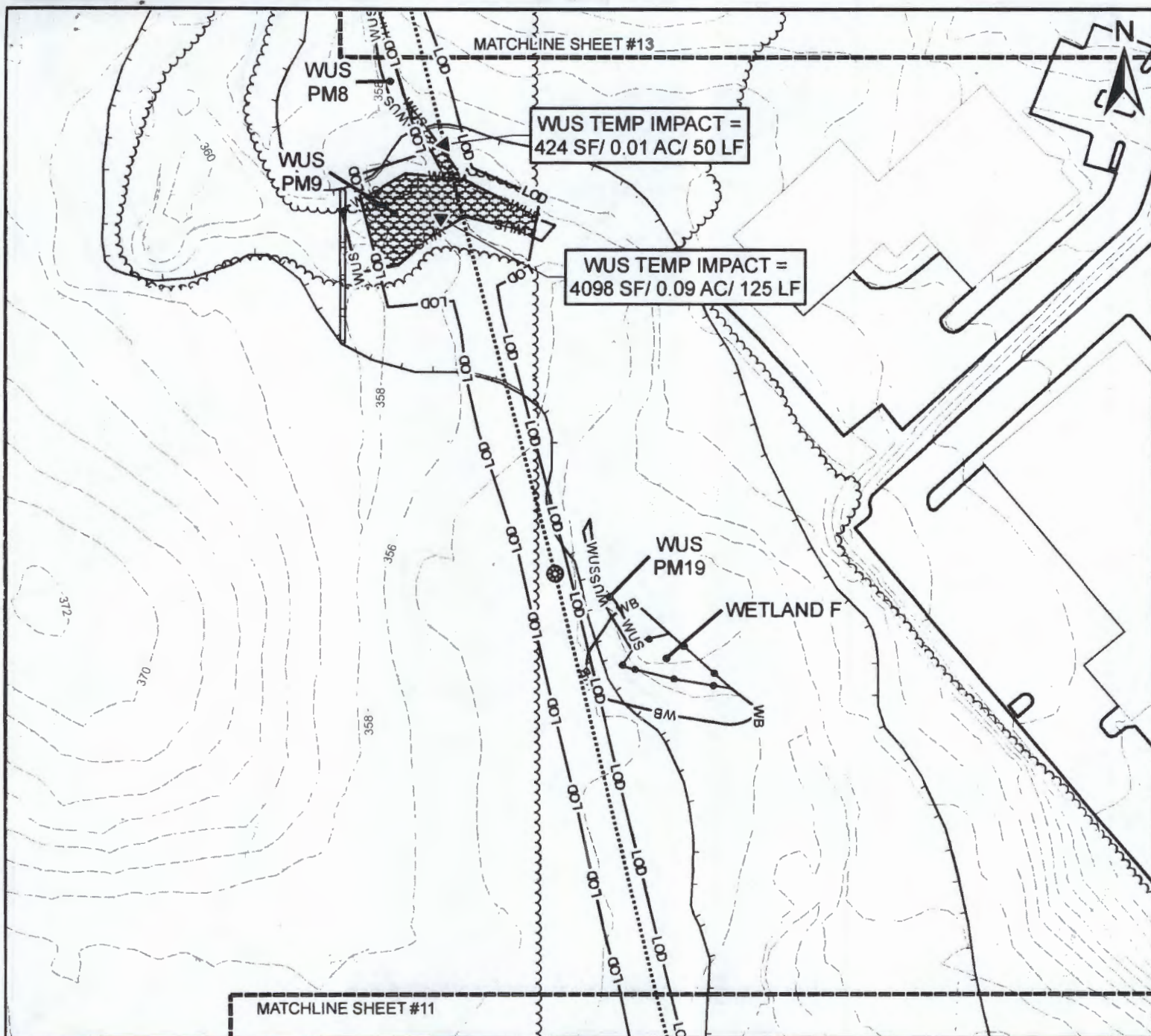
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| TEMPORARY BUFFER IMPACTS = | 2,419 SF/ 0.06 AC |
| PERMANENT BUFFER IMPACTS = | 0 SF/ 0 AC |

SCALE: 0 50 100 200 Feet
1 INCH = 100 FEET



POWDER MILL INTERCEPTOR RELIEF SEWER & REHABILITATION

COUNTY: BALTIMORE CITY
APPLICATION BY: BALTIMORE COUNTY
DEPT. OF PUBLIC WORKS
SHEET # 10 OF 18 JUNE 2015



LEGEND

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|-----------------------|--------------------|-------------------------|-----------------------------|
| —●— WETLAND BOUNDARY | —WUS— WUS BOUNDARY | ● PROPOSED MANHOLE | —LOD LIMITS OF DISTURBANCE |
| — 100-YEAR FLOODPLAIN | —WB WETLAND BUFFER | PROPOSED PIPELINE | --- 2-FOOT EXISTING CONTOUR |
| --- TREE LINE | □ STRUCTURES | - - - MATCHLINE | □ ROADS |

WATERS OF THE U.S. (WUS) IMPACTS

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|-------------------------|--------------------------|
| TEMPORARY WUS IMPACTS = | 4,522 SF/ 0.1 AC/ 175 LF |
| PERMANENT WUS IMPACTS = | N/A |

WETLAND IMPACTS

- | | |
|-----------------------------|------------|
| TEMPORARY WETLAND IMPACTS = | 0 SF/ 0 AC |
| PERMANENT WETLAND IMPACTS = | 0 SF/ 0 AC |

TEMPORARY PEM = 0 SF/ 0 AC

PERMANENT PEM = 0 SF/ 0 AC

TEMPORARY PFO = 0 SF/ 0 AC

PERMANENT PFO = 0 SF/ 0 AC

100-YEAR FLOODPLAIN IMPACTS

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|--------------------------------|-------------------|
| TEMPORARY FLOODPLAIN IMPACTS = | 8,260 SF/ 0.19 AC |
| PERMANENT FLOODPLAIN IMPACTS = | N/A |

WETLAND BUFFER IMPACTS

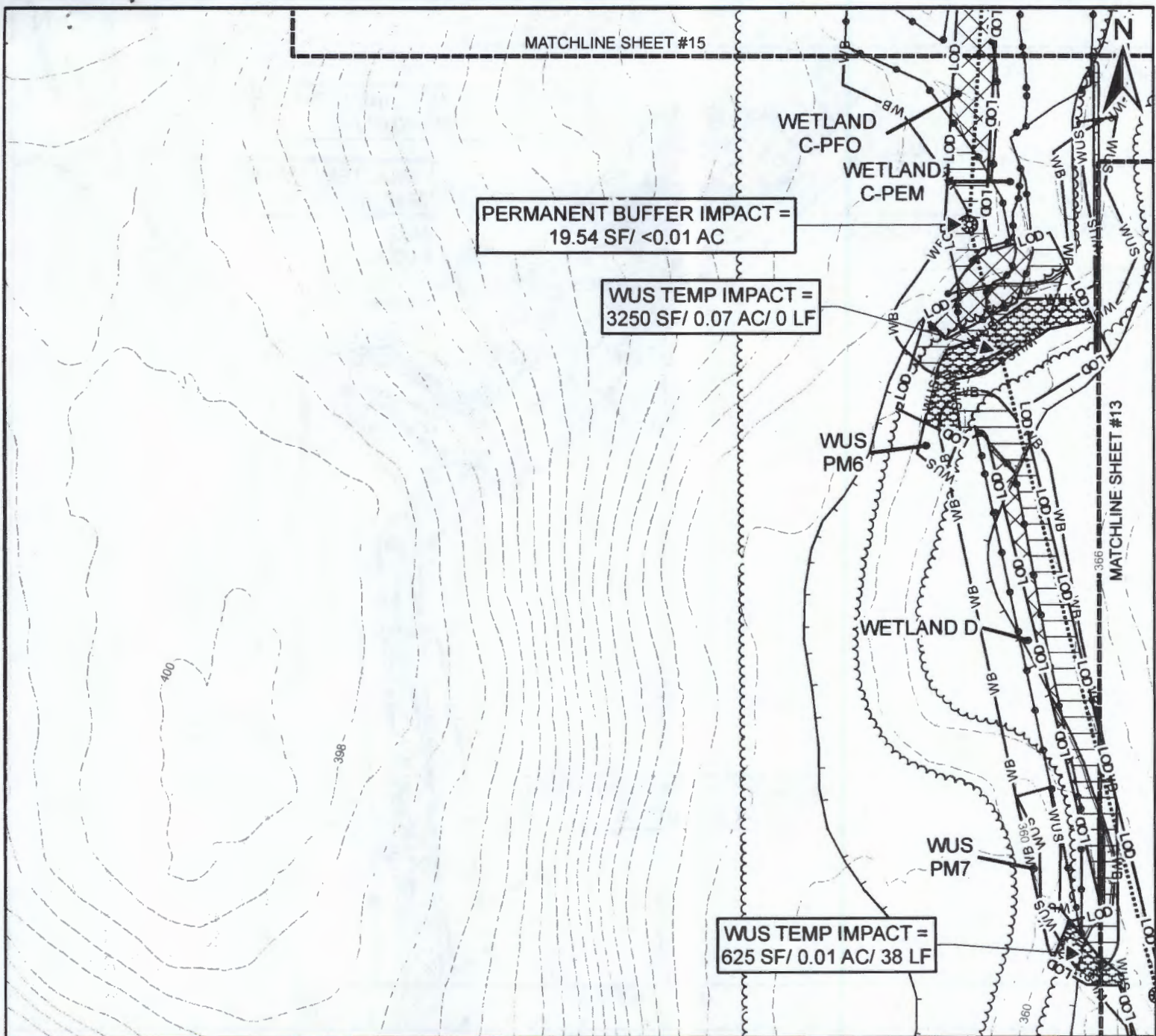
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| TEMPORARY BUFFER IMPACTS = | 99 SF/ <0.01 AC |
| PERMANENT BUFFER IMPACTS = | 0 SF/ 0 AC |

SCALE: 0 50 100 200 Feet
1 INCH = 100 FEET



POWDER MILL INTERCEPTOR RELIEF SEWER & REHABILITATION

COUNTY: BALTIMORE CITY
APPLICATION BY: BALTIMORE COUNTY
DEPT. OF PUBLIC WORKS
SHEET # 12 OF 18 JUNE 2015



LEGEND

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|---------------------|-------------------|-------------------|---------------------------|
| WETLAND BOUNDARY | WUS- WUS BOUNDARY | PROPOSED MANHOLE | LOD LIMITS OF DISTURBANCE |
| 100-YEAR FLOODPLAIN | WB WETLAND BUFFER | PROPOSED PIPELINE | 2-FOOT EXISTING CONTOUR |
| TREE LINE | STRUCTURES | MATCHLINE | ROADS |

WATERS OF THE U.S. (WUS) IMPACTS

- TEMPORARY WUS IMPACTS = 3875 SF/ 0.09 AC/ 189 LF
- PERMANENT WUS IMPACTS = N/A

100-YEAR FLOODPLAIN IMPACTS

- TEMPORARY FLOODPLAIN IMPACTS = 9,828 SF/ 0.23 AC
- PERMANENT FLOODPLAIN IMPACTS = N/A

WETLAND IMPACTS

- TEMPORARY WETLAND IMPACTS = 5,913 SF/ 0.14 AC
- PERMANENT WETLAND IMPACTS = 0 SF/ 0 AC

TEMPORARY PEM = 1,234 SF/ 0.03 AC PERMANENT PEM = 0 SF/ 0 AC

TEMPORARY PFO = 4,660 SF/ 0.11 AC PERMANENT PFO = 0 SF/ 0 AC

WETLAND BUFFER IMPACTS

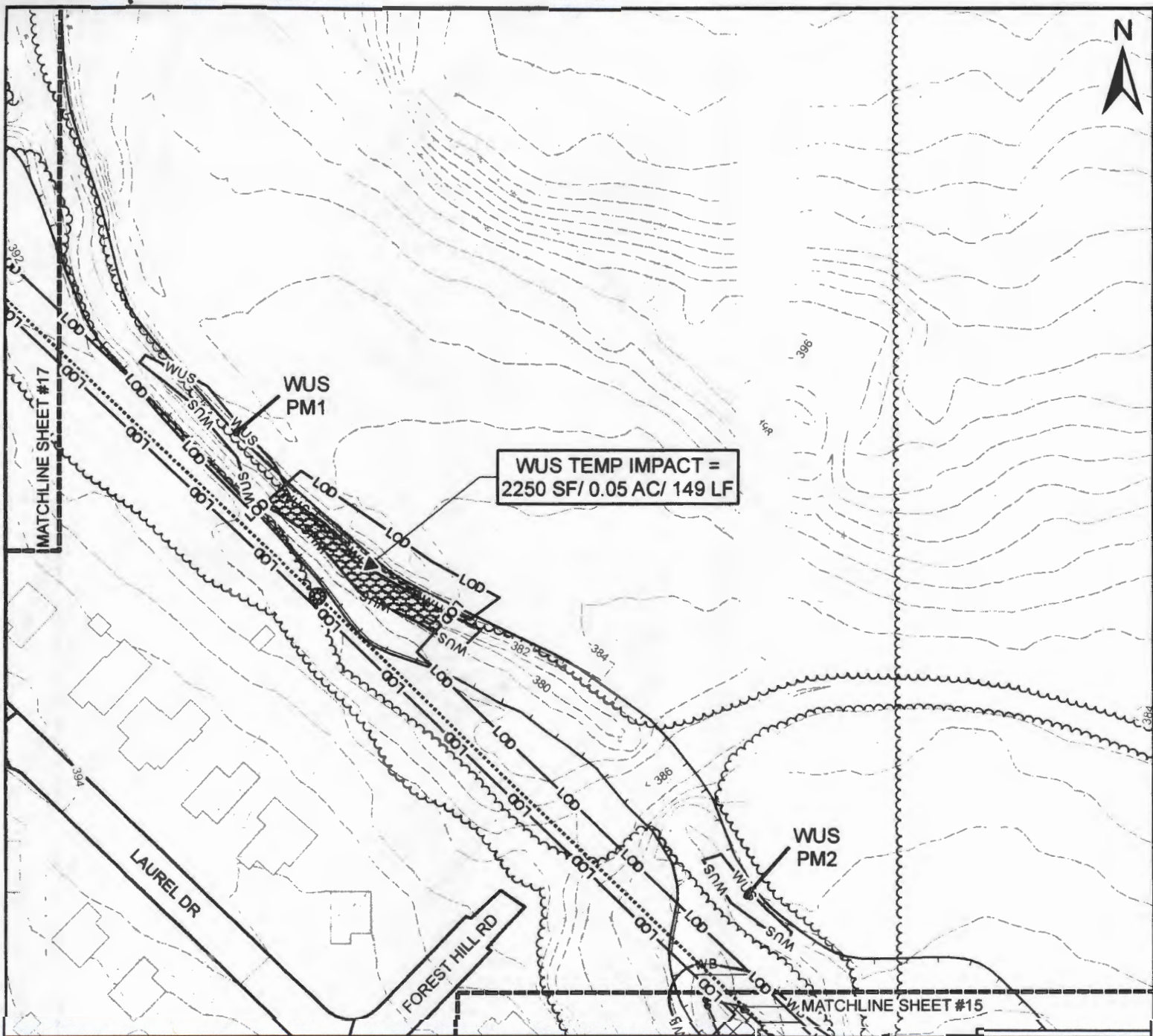
- TEMPORARY BUFFER IMPACTS = 11,265 SF/ 0.26 AC
- PERMANENT BUFFER IMPACTS = 20 SF/ <0.01 AC



POWDER MILL INTERCEPTOR RELIEF SEWER & REHABILITATION

COUNTY: BALTIMORE COUNTY
APPLICATION BY: BALTIMORE COUNTY
DEPT. OF PUBLIC WORKS
SHEET # 14 OF 18 JUNE 2015

SCALE: 0 50 100 200 Feet
1 INCH = 100 FEET



LEGEND

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|-----------------------|---------------------|-------------------------|-----------------------------|
| —●— WETLAND BOUNDARY | —WUS— WUS BOUNDARY | ● PROPOSED MANHOLE | —LOD— LIMITS OF DISTURBANCE |
| — 100-YEAR FLOODPLAIN | —WB— WETLAND BUFFER | PROPOSED PIPELINE | --- 2-FOOT EXISTING CONTOUR |
| ~~~~~ TREE LINE | □ STRUCTURES | - - - MATCHLINE | □ ROADS |

WATERS OF THE U.S. (WUS) IMPACTS

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|--|---|
| | TEMPORARY WUS IMPACTS = 2,250 SF/ 0.05 AC/ 149 LF |
| | PERMANENT WUS IMPACTS = N/A |

WETLAND IMPACTS

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|----------------------------|--|
| | TEMPORARY WETLAND IMPACTS = 0 SF/ 0 AC |
| | PERMANENT WETLAND IMPACTS = 0 SF/ 0 AC |
| TEMPORARY PEM = 0 SF/ 0 AC | PERMANENT PEM = 0 SF/ 0 AC |
| TEMPORARY PFO = 0 SF/ 0 AC | PERMANENT PFO = 0 SF/ 0 AC |

100-YEAR FLOODPLAIN IMPACTS

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| | TEMPORARY FLOODPLAIN IMPACTS = 5,086 SF/ 0.12 AC |
| | PERMANENT FLOODPLAIN IMPACTS = N/A |

WETLAND BUFFER IMPACTS

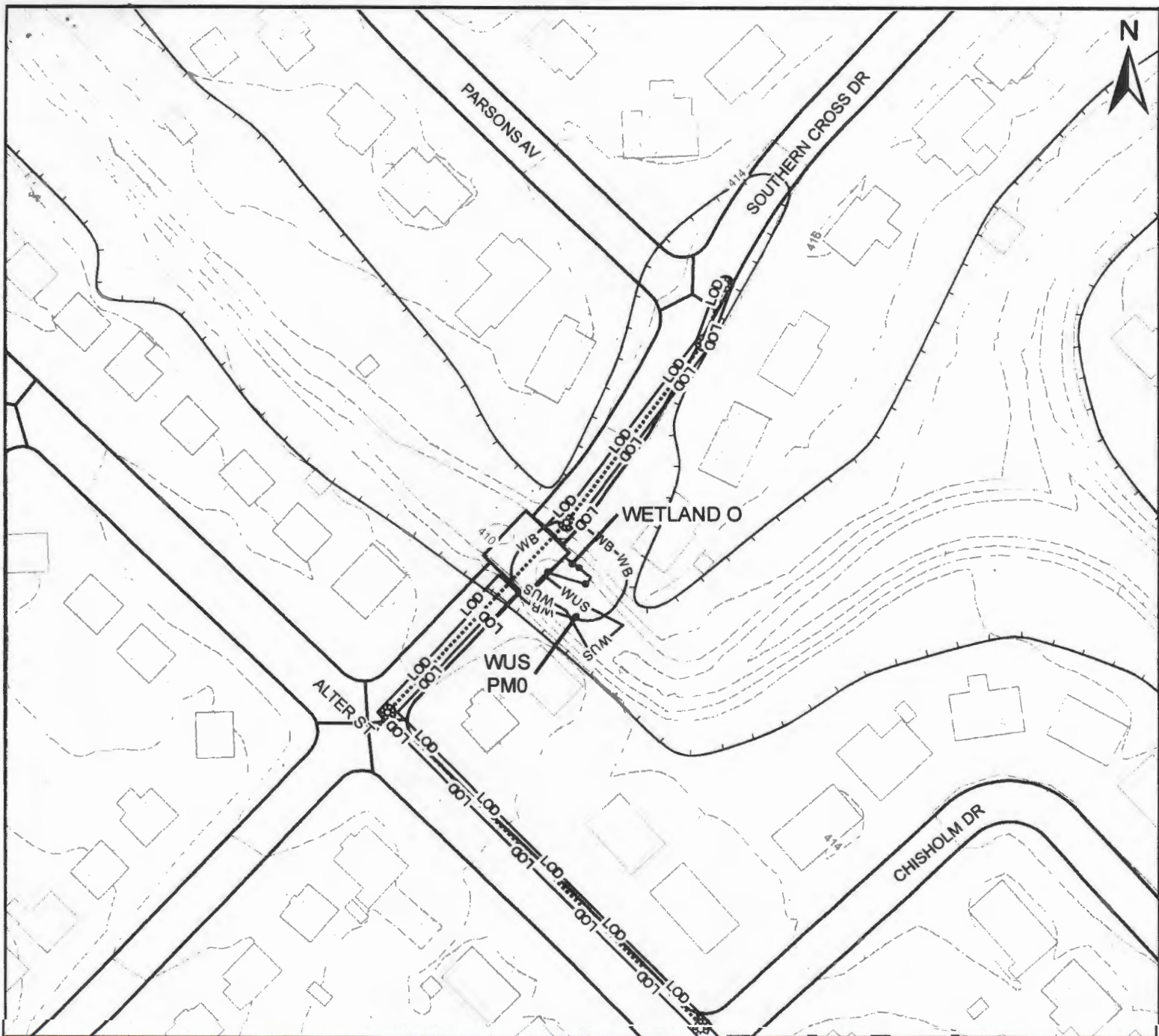
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| | TEMPORARY BUFFER IMPACTS = 735 SF/ 0.02 AC |
| | PERMANENT BUFFER IMPACTS = 0 SF/ 0 AC |

SCALE: 0 50 100 200
1 INCH = 100 FEET Feet



POWDER MILL INTERCEPTOR RELIEF SEWER & REHABILITATION

COUNTY: BALTIMORE COUNTY
APPLICATION BY: BALTIMORE COUNTY
DEPT. OF PUBLIC WORKS
SHEET # 16 OF 18 JUNE 2015



LEGEND

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|---------------------|-------------------|-------------------|---------------------------|
| WETLAND BOUNDARY | WUS- WUS BOUNDARY | PROPOSED MANHOLE | LOD LIMITS OF DISTURBANCE |
| 100-YEAR FLOODPLAIN | WB WETLAND BUFFER | PROPOSED PIPELINE | 2-FOOT EXISTING CONTOUR |
| TREE LINE | STRUCTURES | MATCHLINE | ROADS |

WATERS OF THE U.S. (WUS) IMPACTS

| | |
|--|--|
| | TEMPORARY WUS IMPACTS = 0 SF/0 AC/0 LF |
| | PERMANENT WUS IMPACTS = N/A |

WETLAND IMPACTS

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|--|---------------------------------------|
| | TEMPORARY WETLAND IMPACTS = 0 SF/0 AC |
| | PERMANENT WETLAND IMPACTS = 0 SF/0 AC |

TEMPORARY PEM = 0 SF/0 AC

PERMANENT PEM = 0 SF/0 AC

TEMPORARY PFO = 0 SF/0 AC

PERMANENT PFO = 0 SF/0 AC

100-YEAR FLOODPLAIN IMPACTS

| | |
|--|---|
| | TEMPORARY FLOODPLAIN IMPACTS = 2,563 SF/0.06 AC |
| | PERMANENT FLOODPLAIN IMPACTS = N/A |

WETLAND BUFFER IMPACTS

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|--|--|
| | TEMPORARY BUFFER IMPACTS = 220 SF/<0.01 AC |
| | PERMANENT BUFFER IMPACTS = 0 SF/0 AC |



POWDER MILL INTERCEPTOR RELIEF SEWER & REHABILITATION

COUNTY: BALTIMORE COUNTY
APPLICATION BY: BALTIMORE COUNTY
DEPT. OF PUBLIC WORKS
SHEET # 18 OF 18 JUNE 2015

SCALE: 0 50 100 200
1 INCH = 100 FEET Feet