

## **Appendix C**

### **Agency and Public Consultation**



Scoping Letters Distributed





Larry Hogan  
Governor

Boyd K. Rutherford  
Lt. Governor

Pete K. Rahn  
Secretary

Ricky D. Smith, Sr.  
Executive Director / CEO

May 2, 2016

Mr. Brian Ulrich  
Administrator (Acting), Transportation Planning  
Anne Arundel County Planning & Zoning  
Heritage Office Complex  
2664 Riva Road  
Annapolis MD 21401

Dear Mr. Ulrich:

The Maryland Aviation Administration (MAA) is preparing a Short Environmental Assessment (EA) Form to fulfill the legal requirements of the National Environmental Policy Act (NEPA) of 1969 and Federal Aviation Administration (FAA) Order 1050.1F for a proposed Service Station Plaza at Baltimore/Washington International Thurgood Marshall Airport (BWI Marshall). The proposed site location and relation to airport property is illustrated on **Figure 1**. The Service Station Plaza is proposed to be located on a 4.61-acre vacant lot at the intersection of Amtrak Way and Aviation Boulevard on BWI Marshall Property. The site is currently owned by the MAA and used for contractor equipment and vehicle staging. The project is identified as a Phase I improvement (2016-2020) on the BWI Marshall Draft Airport Layout Plan (ALP) (P46). The parcel is paved, available for development, and could generate non-aeronautical revenue for the MAA. The site layout shown on Figure 1 is shown on the ALP as a potential layout, however no developer has been selected and no formal site plans have been developed. Potential amenities include two canopies, fueling facilities, a car wash, a restaurant, and a convenience store.

The parcel is situated along an established thoroughfare, Aviation Boulevard, and is bordered on the east by Amtrak Way, which provides access to a large parking facility and the Amtrak/MARC station. To the west are the Amtrak rail line, BWI Trail, and natural open space, including forested wetland areas. Current zoning at this site is compatible with a service station plaza/gas station.

The MAA conducted a *BWI Gas Station Site Selection Study* (March 2006) which identified the proposed site as the preferred location for a gas station based on (1) location and land use compatibility, (2) access, (3) visibility, (4) market presence/competition, and (5) environmental resources. Two additional studies were recently completed to ensure the proposed project is feasible:

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- *Service Plaza Site Assessment* (Draft, July 2015) – This study was conducted to analyze requirements to provide site utilities to the parcel and determine if the site was suitable for commercial development. Specifically, several alignments for the sanitary sewer were developed and evaluated. Based on the analysis performed on the site and its proximity to the other site utilities, it was determined the site is suitable for commercial development.

The MAA must obtain an environmental finding from the FAA for the Proposed Action prior to development of the Service Station Plaza. The Eastern Region Short EA Form (<http://www.faa.gov/airports/eastern/environmental/>) will be completed for review of the Proposed Action. Based on preliminary screening of alternatives in studies and analysis conducted to date, the Short EA Form is limited to the Proposed Action Alternative and the No Action Alternative (as required by Council on Environmental Quality regulations). The Short EA Form will identify the project’s purpose and need and evaluate the potential environmental impacts of the Proposed Action and No Action alternatives. Relevant projects within the past five years and future improvements identified in the BWI Marshall ALP will be considered for analysis of potential cumulative impacts associated with the proposed Service Station Plaza.

#### *Environmental Analysis*

All FAA Order 1050.1F impact categories will be addressed to complete the Short EA Form; however the level of analysis for each impact category will vary by its anticipated potential impact. It is expected that the following 1050.1F categories will require analysis, although for most of the listed categories, the analysis will be limited:

- Air Quality
- Biological Resources
- Climate
- Section 4(f) impacts
- Construction impacts
- Natural Resources and Energy Supply
- Hazardous Materials, Solid Waste, and Pollution Prevention
- Socioeconomics, Environmental Justice, and Children’s Health and Safety Risks (traffic)
- Water Resources
- Visual Effects including Light Emissions

#### *Traffic Analysis*

Due to the potential for the proposed project to cause an alteration in surface traffic patterns, an updated traffic analysis will be conducted at the project site. Traffic analysis will follow

Mr. Brian Ulrich  
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Maryland State Highway Administration's (SHA's) *Highway Access Manual*, Appendix E: Guidelines for Traffic Impact Reports/Studies. Anticipated trip generation will be estimated for the proposed Service Station Plaza, including trips from integrated facilities such as a fast food restaurant and convenience store. In addition, potential changes to the surface traffic will be identified. The following assumptions will be used as part of the analysis, and will be included as an impact study report on an appendix to the EA:

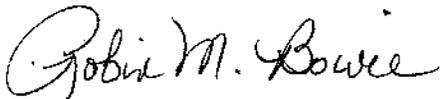
- Intersections will be analyzed using the SHA Critical Lane Volume (CLV) technique, SHA's preferred methodology for traffic analysis. Synchro will also be utilized.
- Intersection operations (level of service) will be evaluated for the existing conditions, 2020 - 2025 years for the proposed action and no action alternative.
- Intersections with an LOS worse than "D" will be identified and significance criteria will be reviewed to assess any impacts resulting from the project.
- Recommended improvements will be identified for any intersections that result in significant impacts. Suggested improvements will be coordinated with the participating agencies (SHA, MDOT, and Anne Arundel County).
- A final analysis of the study area incorporating recommended improvements will be conducted to ensure impacts are mitigated.

*Preliminary Schedule*

The analysis for potential impacts will be completed for 2020 (opening year) and 2025 (five years beyond project implementation).

The MAA is soliciting comments from your agency regarding the preparation of the Short EA Form for the proposed Service Station Plaza at BWI Marshall in Anne Arundel County, Maryland. The MAA encourages each agency to review the information and provide comments. To request further information about this proposed project, please contact me via telephone at 410-859-7103 or via e-mail at [rbowie@bwiairport.com](mailto:rbowie@bwiairport.com). Please submit written comments by mail to me by **June 6, 2016**, so that pertinent input from agencies can be incorporated at an early stage to ensure open and continuous coordination throughout the EA process.

Sincerely,



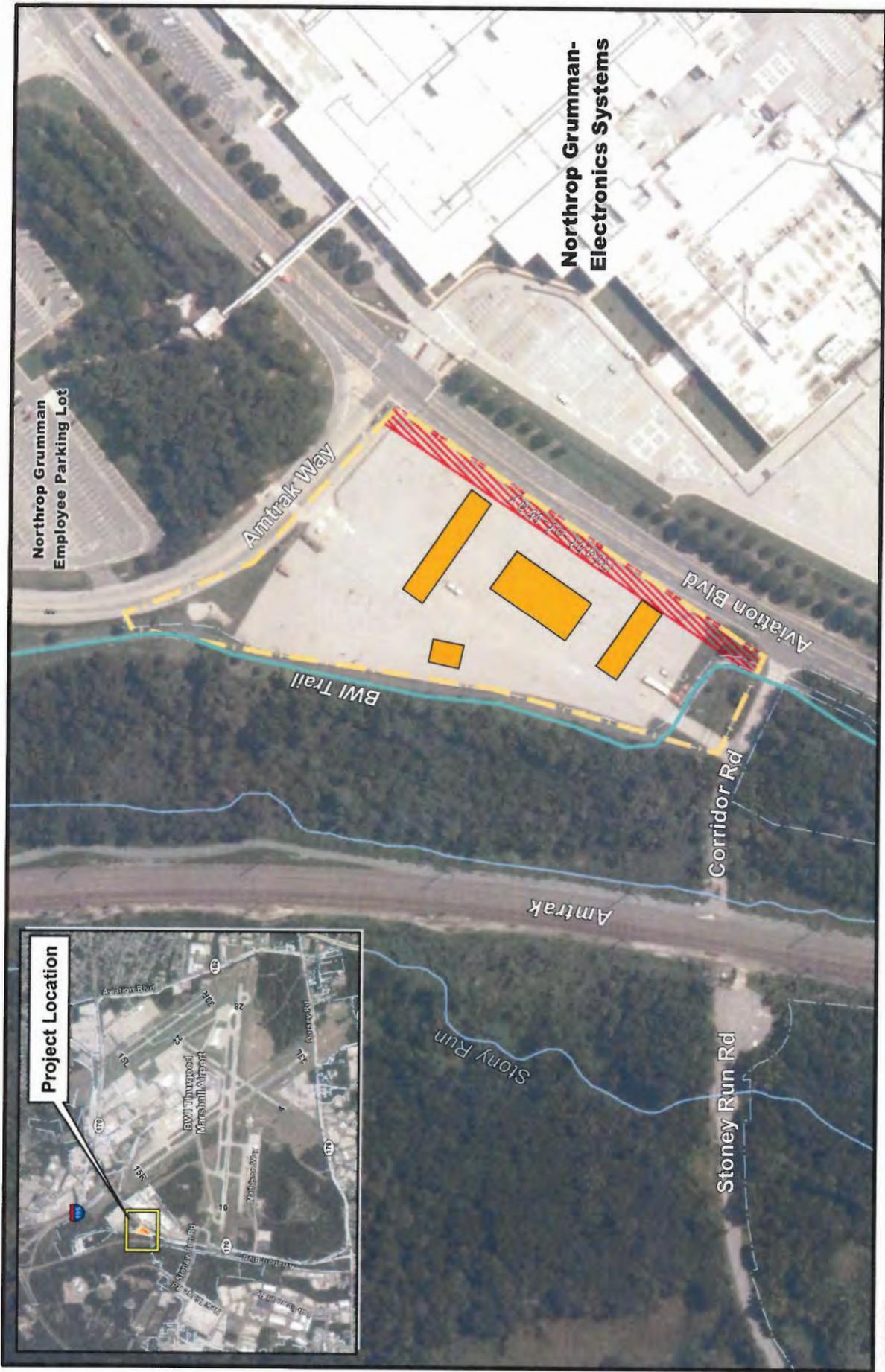
Robin M. Bowie, Acting Director  
Office of Environmental Services

Enclosures

Mr. Brian Ulrich  
Page Four

bcc: Mr. Marcus Brundage, Environmental Specialist, FAA  
Kimberly C. Hughes, P.E., Associate Vice President, HNTB Corporation

# BWI Marshall Service Station Plaza Environmental Assessment



**Figure 1**  
**Proposed Service Station Plaza Location**  
**and BWI Marshall Vicinity**

Source: BWI ALP (January 2015)

Figure 1 included in all scoping notifications.



Larry Hogan  
Governor

Boyd K. Rutherford  
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Pete K. Rahn  
Secretary

Ricky D. Smith, Sr.  
Executive Director/CEO

May 2, 2016

Mr. Elder A. Ghigiarelli, Jr.  
Deputy Program Manager  
Federal Consistency Coordinator  
Maryland Department of Environment  
1800 Washington Boulevard  
Baltimore MD 21230

Dear Mr. Ghigiarelli:

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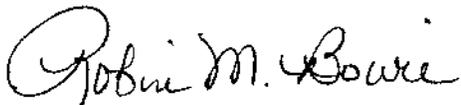
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|------------------------|------------------------------|-------------------|
| • Air Quality          | • Hazardous Materials, Solid | • Water Resources |
| • Biological Resources | Waste, and Pollution         | • Visual Effects  |
| • Climate              | Prevention                   | including Light   |
| • Section 4(f) impacts | • Socioeconomics,            | Emissions         |
| • Construction impacts | Environmental Justice, and   |                   |
| • Natural Resources    | Children’s Health and        |                   |
| and Energy Supply      | Safety Risks (traffic)       |                   |

Mr. Elder A. Ghigiarelli, Jr.  
Page Three

The MAA is seeking a Coastal Zone Consistency determination from MDE for this project. This project will not affect any forests, wetlands, waterways, floodplains, or streams. The proposed project will likely require water quality treatment in accordance with MDE's Stormwater Management (SWM) requirements. This project would be considered a "redevelopment" project in accordance with MDE's SWM Guidelines for State and Federal Projects; however this parcel has not been treated for SWM. A SWM analysis to address both water quantity and quality requirements will be completed as part of the EA. Conceptual level environmental site design (ESD) requirements will be determined for the site. Opportunities for ESD practices and stormwater BMPs at the site, and the potential limits of disturbance (LOD) will also be determined.

The MAA encourages each agency to review the information and provide comments. To request further information about this proposed project, please contact me via telephone at 410-859-7103 or via e-mail at [rbowie@bwiairport.com](mailto:rbowie@bwiairport.com). Please submit written comments by mail to me by **June 6, 2016**, so that pertinent input from agencies can be incorporated at an early stage to ensure open and continuous coordination throughout the EA process.

Sincerely,

A handwritten signature in cursive script that reads "Robin M. Bowie".

Robin M. Bowie, Acting Director  
Office of Environmental Services

Enclosures

Mr. Elder A. Ghigiarelli, Jr.  
Page Four

bcc: Mr. Marcus Brundage, Environmental Specialist, FAA  
Kimberly C. Hughes, P.E., Associate Vice President, HNTB Corporation



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Executive Director / CEO

May 2, 2016

Ms. Diane Franks  
Program Manager  
Maryland Department of the Environment  
Air Quality Planning Program  
1800 Washington Boulevard  
Baltimore MD 21230

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|---------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------|
| • Air Quality                         | • Hazardous Materials, Solid Waste, and Pollution Prevention                              | • Water Resources                          |
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| • Climate                             |                                                                                           |                                            |
| • Section 4(f) impacts                |                                                                                           |                                            |
| • Construction impacts                |                                                                                           |                                            |
| • Natural Resources and Energy Supply |                                                                                           |                                            |

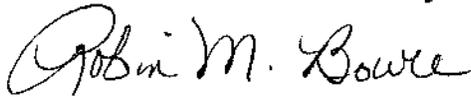
Ms. Diane Franks  
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Robin M. Bowie, Acting Director  
Office of Environmental Services

Enclosures

Ms. Diane Franks  
Page Four

bcc: Mr. Marcus Brundage, Environmental Specialist, FAA  
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Ricky D. Smith, Sr.  
Executive Director/CEO

May 2, 2016

Ms. Lori Byrne  
Environmental Review Specialist  
Maryland Department of Natural Resources  
Wildlife and Heritage Division  
580 Taylor Avenue, E1  
Annapolis MD 21401

Dear Ms. Byrne:

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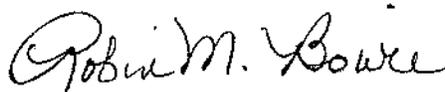
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| • Construction impacts                |                                                                                           |                                            |
| • Natural Resources and Energy Supply |                                                                                           |                                            |

Ms. Lori Byrne  
Page Three

The project site is located in an area designated as a Maryland Department of Natural Resources (MDNR) Sensitive Species Project Review Area (SSPRA) as shown on **Figure 2**. As noted, the site is currently paved and used for contractor and vehicle staging. No habitat is believed to exist in the project area. The MAA is seeking concurrence from the MDNR that no rare, threatened or endangered species or habitat exists in the proposed project area.

The MAA encourages each agency to review the information and provide comments. To request further information about this proposed project, please contact me via telephone at 410-859-7103 or via e-mail at [rbowie@bwiairport.com](mailto:rbowie@bwiairport.com). Please submit written comments by mail to me by **June 6, 2016**, so that pertinent input from agencies can be incorporated at an early stage to ensure open and continuous coordination throughout the EA process.

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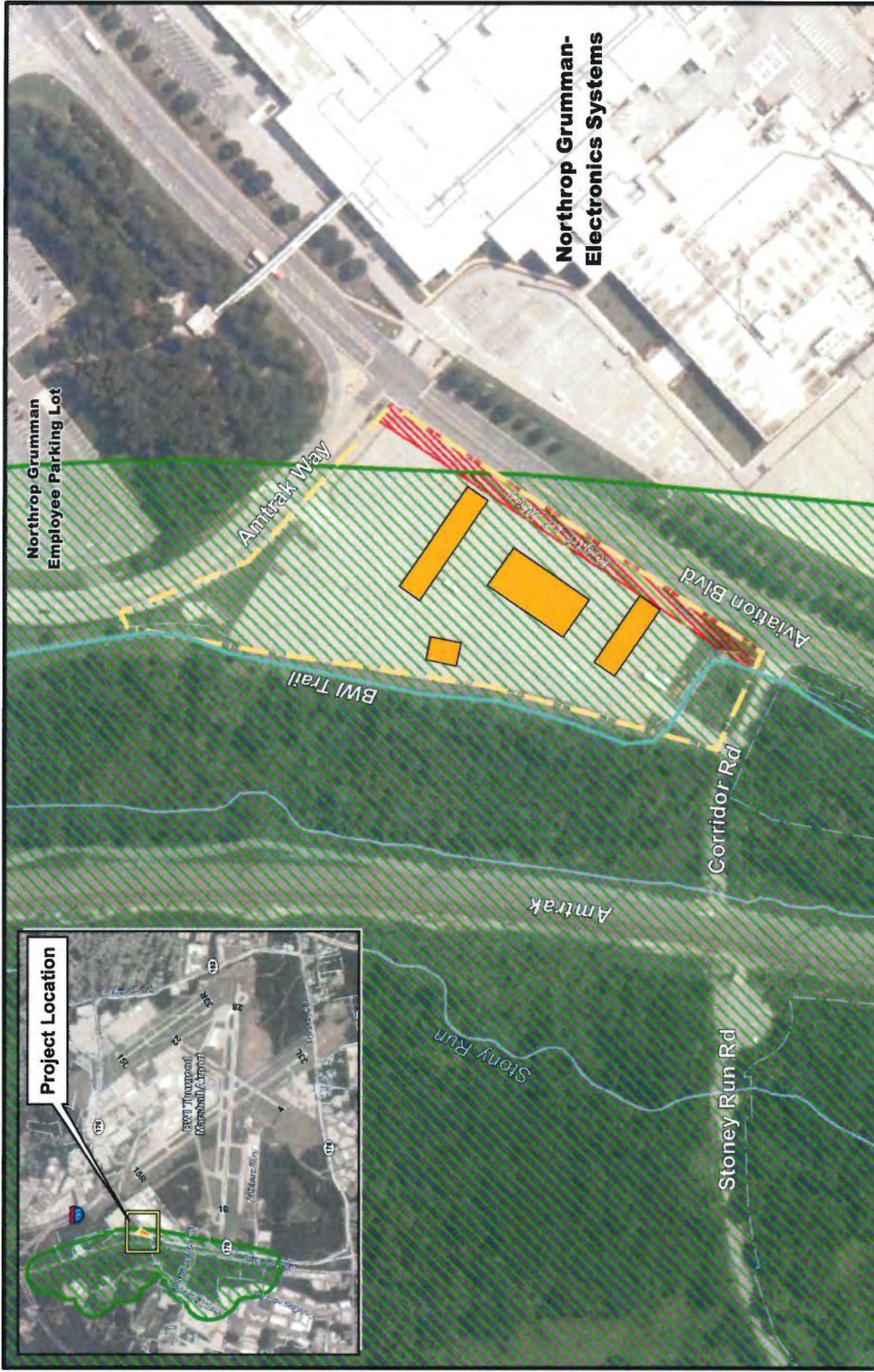
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Enclosures

Ms. Lori Byrne  
Page Four

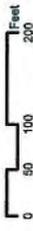
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# BWI Marshall Service Station Plaza Environmental Assessment



## LEGEND

-  Sensitive Species Project Review Area
-  Proposed Service Station Plaza Area
-  Proposed Service Station Plaza Buildings
-  Maryland State Highway Administration (SHA) Right-of-Way
-  Airport Property Boundary



**Figure 2**  
**Sensitive Species Project Review Area**

Source: BWI ALP (January 2015), Maryland Department of Natural Resources



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May 2, 2016

Ms. Heather Murphy  
Director, Office of Planning and Capital Programming  
Maryland Department of Transportation  
7201 Corporate Center Drive  
Hanover MD 21076

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*Traffic Analysis*

Due to the potential for the proposed project to cause an alteration in surface traffic patterns, an updated traffic analysis will be conducted at the project site. Traffic analysis will follow Maryland State Highway Administration's (SHA's) *Highway Access Manual*, Appendix E: Guidelines for Traffic Impact Reports/Studies. Anticipated trip generation will be estimated for the proposed Service Station Plaza, including trips from integrated facilities such as a fast food restaurant and convenience store. In addition, potential changes to the surface traffic will be identified. The following assumptions will be used as part of the analysis, and will be included as an impact study report on an appendix to the EA:

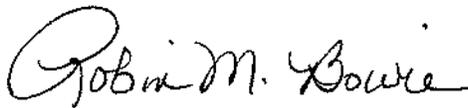
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The MAA is soliciting comments from your agency regarding the preparation of the Short EA Form for the proposed Service Station Plaza at BWI Marshall in Anne Arundel County, Maryland. The MAA encourages each agency to review the information and provide comments. To request further information about this proposed project, please contact me via telephone at 410-859-7103 or via e-mail at [rbowie@bwiairport.com](mailto:rbowie@bwiairport.com). Please submit written comments by mail to me by **June 6, 2016**, so that pertinent input from agencies can be incorporated at an early stage to ensure open and continuous coordination throughout the EA process.

Sincerely,



Robin M. Bowie, Acting Director  
Office of Environmental Services

Enclosures

Ms. Heather Murphy  
Page Four

bcc: Mr. Marcus Brundage, Environmental Specialist, FAA  
Kimberly C. Hughes, P.E., Associate Vice President, HNTB Corporation



Larry Hogan  
Governor

Boyd K. Rutherford  
Lt. Governor

Pete K. Rahn  
Secretary

Ricky D. Smith, Sr.  
Executive Director/CEO

May 2, 2016

Ms. Elizabeth J. Cole  
Review & Compliance  
Maryland Historical Trust  
Division of Historical and Cultural Programs  
100 Community Place  
Crownsville MD 21032-2023

Dear Ms. Cole:

The Maryland Aviation Administration (MAA) is preparing a Short Environmental Assessment (EA) Form to fulfill the legal requirements of the National Environmental Policy Act (NEPA) of 1969 and Federal Aviation Administration (FAA) Order 1050.1F for a proposed Service Station Plaza at Baltimore/Washington International Thurgood Marshall Airport (BWI Marshall). The proposed site location and relation to airport property is illustrated on **Figure 1**. The Service Station Plaza is proposed to be located on a 4.61-acre vacant lot at the intersection of Amtrak Way and Aviation Boulevard on BWI Marshall Property. The site is currently owned by the MAA and used for contractor equipment and vehicle staging. The project is identified as a Phase I improvement (2016-2020) on the BWI Marshall Draft Airport Layout Plan (ALP) (P46). The parcel is paved, available for development, and could generate non-aeronautical revenue for the MAA. The site layout shown on Figure 1 is shown on the ALP as a potential layout, however no developer has been selected and no formal site plans have been developed. Potential amenities include two canopies, fueling facilities, a car wash, a restaurant, and a convenience store.

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The MAA must obtain an environmental finding from the Federal Aviation Administration (FAA) for the Proposed Action prior to development of the Service Station Plaza. The Eastern Region Short EA Form (<http://www.faa.gov/airports/eastern/environmental/>) will be completed for review of the Proposed Action. Based on preliminary screening of alternatives in studies and analysis conducted to date, the Short EA Form is limited to the Proposed Action Alternative and the No Action Alternative (as required by Council on Environmental Quality regulations). The Short EA Form will identify the project’s purpose and need and evaluate the potential environmental impacts of the Proposed Action and No Action alternatives. Relevant projects within the past five years and future improvements identified in the BWI Marshall ALP will be considered for analysis of potential cumulative impacts associated with the proposed Service Station Plaza.

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| • Section 4(f) impacts | • Socioeconomics,            | Emissions         |
| • Construction impacts | Environmental Justice, and   |                   |
| • Natural Resources    | Children’s Health and        |                   |
| and Energy Supply      | Safety Risks (traffic)       |                   |

Ms. Elizabeth J. Cole  
Page Three

The MAA is seeking concurrence from the Maryland Historical Trust (MHT), based on the Historic Preservation Plan (HPP) that MAA prepared in 1996 in coordination with MHT, that the area of the proposed project falls within an area designated in the HPP as previously evaluated and thus no additional study is required. The proposed project is not changing existing aircraft operations or procedures, therefore there would be no changes to the noise environment in the vicinity of any historic properties. The Area of Potential Effect (APE) is limited to the construction area, as shown on the Proposed Action graphic.

The MAA encourages each agency to review the information and provide comments. To request further information about this proposed project, please contact me via telephone at 410-859-7103 or via e-mail at [rbowie@bwiairport.com](mailto:rbowie@bwiairport.com). Please submit written comments by mail to me by **June 6, 2016**, so that pertinent input from agencies can be incorporated at an early stage to ensure open and continuous coordination throughout the EA process.

Sincerely,

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Robin M. Bowie, Acting Director  
Office of Environmental Services

Enclosures

Ms. Elizabeth J. Cole  
Page Four

bcc: Mr. Marcus Brundage, Environmental Specialist, FAA  
Kimberly C. Hughes, P.E., Associate Vice President, HNTB Corporation



Larry Hogan  
Governor

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Pete K. Rahn  
Secretary

Ricky D. Smith, Sr.  
Executive Director / CEO

May 2, 2016

Ms. Kim Tran  
Assistant District Engineer for Traffic, District 5 Office  
Maryland State Highway Administration  
138 Defense Highway  
Annapolis MD 21401

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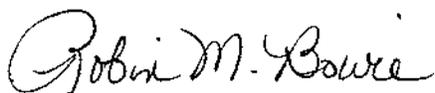
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Robin M. Bowie, Acting Director  
Office of Environmental Services

Enclosures

Ms. Kim Tran  
Page Four

bcc: Mr. Marcus Brundage, Environmental Specialist, FAA  
Kimberly C. Hughes, P.E., Associate Vice President, HNTB Corporation



May 2, 2016

Ricky D. Smith, Sr.  
Executive Director/CEO

Baltimore Gas and Electric Company  
Builders & Contractors  
Post Office Box 1475  
Baltimore MD 21203

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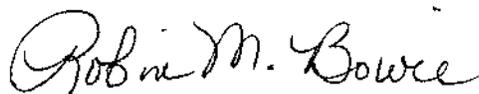
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Robin M. Bowie, Acting Director  
Office of Environmental Services

Enclosures

Baltimore Gas and Electric Company  
Page Four

bcc: Mr. Marcus Brundage, Environmental Specialist, FAA  
Kimberly C. Hughes, P.E., Associate Vice President, HNTB  
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Lt. Governor

Pete K. Rahn  
Secretary

Ricky D. Smith, Sr.  
Executive Director/CEO

May 2, 2016

Mr. James DiPietro  
Deputy Director, Bureau of Utility Operations  
Utility Operations Complex  
Department of Public Works  
445 Maxwell Frye Road  
Millersville MD 21108

Dear Mr. DiPietro:

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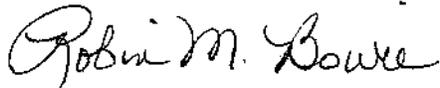
Mr. James DiPietro  
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Enclosures

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Page Four

bcc: Mr. Marcus Brundage, Environmental Specialist, FAA  
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Ricky D. Smith, Sr.  
Executive Director/CEO

May 2, 2016

Verizon Maryland, Inc.  
323 N. Charles Street  
Baltimore MD 21201

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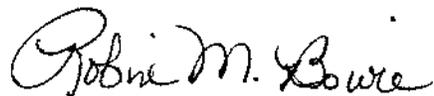
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- Hazardous Materials, Solid Waste, and Pollution Prevention
- Socioeconomics, Environmental Justice, and Children's Health and Safety Risks (traffic)
- Water Resources
- Visual Effects including Light Emissions

*Preliminary Schedule*

The analysis for potential impacts will be completed for 2020 (opening year) and 2025 (five years beyond project implementation).

The MAA is soliciting comments from your company regarding the preparation of the Short EA Form for the proposed Service Station Plaza at BWI Marshall in Anne Arundel County, Maryland. The MAA encourages each agency or company to review the information and provide comments. To request further information about this proposed project, please contact me via telephone at 410-859-7103 or via e-mail at [rbowie@bwiairport.com](mailto:rbowie@bwiairport.com). Please submit written comments by mail to me by **June 6, 2016**, so that pertinent input from agencies can be incorporated at an early stage to ensure open and continuous coordination throughout the EA process.

Sincerely,



Robin M. Bowie, Acting Director  
Office of Environmental Services

Enclosures

Verizon Maryland, Inc.  
Page Four

bcc: Mr. Marcus Brundage, Environmental Specialist, FAA  
Kimberly C. Hughes, P.E., Associate Vice President, HNTB  
Corporation

## Scoping Responses

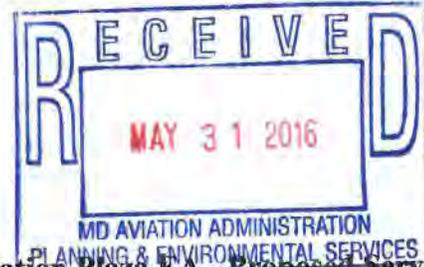




Larry Hogan, Governor  
Boyd Rutherford, Lt. Governor  
Mark Belton, Secretary  
Joanne Throwe, Deputy Secretary

May 19, 2016

Ms. Robin M. Bowie  
Maryland Aviation Administration  
P.O. Box 8766  
BWI Airport, Maryland 21240-0766



**RE: Environmental Review for BWI Marshall Service Station Plaza EA – Proposed Service Station off Aviation Boulevard, Anne Arundel County, Maryland.**

Dear Ms. Bowie:

The Wildlife and Heritage Service has determined that there are no official State or Federal records for listed plant or animal species within the delineated area shown on the map provided. As a result, we have no specific concerns regarding potential impacts or recommendations for protection measures at this time. Please let us know however if the limits of proposed disturbance or overall site boundaries change and we will provide you with an updated evaluation.

Thank you for allowing us the opportunity to review this project. If you should have any further questions regarding this information, please contact me at (410) 260-8573.

Sincerely,

Lori A. Byrne,  
Environmental Review Coordinator  
Wildlife and Heritage Service  
MD Dept. of Natural Resources

ER# 2016.0644.aa



# United States Department of the Interior



## FISH AND WILDLIFE SERVICE

Chesapeake Bay Field Office  
177 Admiral Cochrane Drive  
Annapolis, Maryland 21401  
<http://www.fws.gov/chesapeakebay>

August 11, 2016

HNTB  
Maryland Aviation Administration  
2900 S. Quincy St., Suite 600  
Arlington, VA 22206

*RE: BWI Marshall Service Station Plaza Environmental Assessment*

Dear Caroline Pinegar:

This responds to your letter, received May 24, 2016, requesting information on the presence of species which are federally listed or proposed for listing as endangered or threatened within the vicinity of the above referenced project area. We have reviewed the information you enclosed and are providing comments in accordance with section 7 of the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*).

Except for occasional transient individuals, no federally proposed or listed endangered or threatened species are known to exist within the project impact area. Therefore, no Biological Assessment or further section 7 Consultation with the U.S. Fish and Wildlife Service is required. Should project plans change, or if additional information on the distribution of listed or proposed species becomes available, this determination may be reconsidered.

This response relates only to federally protected threatened or endangered species under our jurisdiction. For information on the presence of other rare species, you should contact Lori Byrne of the Maryland Wildlife and Heritage Division at (410) 260-8573.

The bald eagle is a federally protected species under the Bald and Golden Eagle Protection Act (BGEPA). Please review the Service's National Bald Eagle Management Guidelines to assess whether impacts from your project's activities are likely to impact bald eagles. The link to this guidance can be found at: <http://www.fws.gov/northeast/ecologicalservices/pdf/NationalBaldEagleManagementGuidelines.pdf>. If your project cannot avoid disturbance, you may apply for a permit that authorizes take of bald eagles where take to be authorized is associated with otherwise lawful activities. Please contact the Chesapeake Bay Ecological Services Field Office at 410-573-4534 for further information and assistance with the BGEPA permitting process.



An additional concern of the Service is wetlands protection. Federal and state partners of the Chesapeake Bay Program have adopted an interim goal of no overall net loss of the Chesapeake Bay's remaining wetlands, and the long term goal of increasing the quality and quantity of the Chesapeake Bay's wetlands resource base. Because of this policy and the functions and values wetlands perform, the Service recommends avoiding wetland impacts. All wetlands within the project area should be identified, and if construction in wetlands is proposed, the U.S. Army Corps of Engineers, Baltimore District, should be contacted for permit requirements. They can be reached at (410) 962-3670.

We appreciate the opportunity to provide information relative to fish and wildlife issues, and thank you for your interests in these resources. If you have any questions or need further assistance, please contact Trevor Clark at (410) 573-4527.

Sincerely,

A handwritten signature in blue ink that reads "G. LaRouche". The signature is written in a cursive style with a large initial "G".

Genevieve LaRouche  
Supervisor

---

**From:** Elder Ghigiarelli -MDE- [mailto:elder.ghigiarelli@maryland.gov]  
**Sent:** Tuesday, June 14, 2016 4:09 PM  
**To:** Robin Bowie  
**Subject:** Re: Agency Scoping Letters for the Service Station Plaza

Robin,

I am responding to your agency scoping letter requesting a Federal Consistency determination, pursuant to Section 307 of the Federal Coastal Zone Management Act of 1972, as amended (CZMA), for the Service Station Plaza project at Baltimore/Washington International Thurgood Marshall Airport. The project site is a 4.61-acre vacant lot located at the intersection of Amtrack Way and Aviation Boulevard. The site is currently used for contractor equipment and vehicle staging.

The project information notes that the proposed site is paved and available for development. The project will not impact any forests, wetlands, waterways, or floodplains. Based on the information provided, the Service Station Plaza project is consistent with the Maryland Coastal Zone Management Program, as required by Section 307 of the CZMA. Please note that this determination does not obviate the responsibility to obtain any other State approvals that may be necessary for the project.

If you have any questions, please contact me.

Elder

Elder A. Ghigiarelli, Jr.

Deputy Program Administrator

Maryland Federal Consistency Coordinator

Wetlands and Waterways Program

Maryland Department of the Environment

Phone: [\(410\) 537-3763](tel:4105373763)

Fax: [\(410\) 537-3751](tel:4105373751)



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---

----- Original message -----

From: Elder Ghigiarelli -MDE- <elder.ghigiarelli@maryland.gov>

Date: 10/26/16 4:04 PM (GMT-05:00)

To: Robin Bowie <rbowie@bwiairport.com>

Subject: Re: Update for MDE Coastal Consistency - BWI Marshall Service Station EA

Robin,

I am responding to your request for confirmation of MDE's previous Federal Consistency determination, dated June 14, 2016, for the proposed service station plaza project at BWI Marshall Airport. As the project has progressed, options for connecting sanitary sewer to the site have led to the development of several alternative alignments. The preferred alignment for the sanitary sewer connection would be located along Amtrak Way from the northwest corner of the project site and to Manhole SS-9 just off Amtrak Way.

The information provided notes that the preferred alignment for the sanitary sewer connection was developed to avoid environmentally sensitive areas and natural resources. However, Manhole SS-9 is located within the 100-year nontidal floodplain and the connection will result in temporary construction impacts to the floodplain. As noted in your email, the construction work in the floodplain will require authorization from the Wetlands and Waterways Program, Waterway Construction Division.

Based on the updated project information, I am reconfirming that the proposed service station plaza project, including the preferred alignment for the sanitary sewer connection, is consistent with the Maryland Coastal Zone Management Program, as required by Section 307 of the Federal Coastal Zone Management Act of 1972, as amended. Please note that this determination does not obviate the responsibility to obtain any other State approvals that may be necessary for the project.

If you have any questions, please contact me.

Elder

Elder A. Ghigiarelli, Jr.  
Deputy Program Administrator  
Maryland Federal Consistency Coordinator  
Wetlands and Waterways Program  
Maryland Department of the Environment  
Phone: [\(410\) 537-3763](tel:4105373763)

Fax: [\(410\) 537-3751](tel:4105373751)

On Fri, Oct 21, 2016 at 10:39 AM, Robin Bowie <[rbowie@bwiairport.com](mailto:rbowie@bwiairport.com)> wrote:

Hi, Elder:

In May 2016, MAA coordinated with MDE seeking a Coastal Zone Consistency determination for an EA being conducted for a proposed service station plaza at BWI Marshall Airport. At the time, we stated the project would not affect any forests, wetlands, waterways, floodplains, or streams. The MDE responded on June 14, 2016 that based on the information provided, the project is consistent with the Maryland Coastal Zone Management Program.

As the project has evolved, options for connecting sanitary sewer have progressed. Several alignments were conceptually developed. Based on conceptual engineering review, the preferred alignment for the sanitary sewer connection would be located along Amtrak Way, leaving the service plaza site from the northernmost corner of the paved parcel and connecting to existing Manhole SS-9 just off of Amtrak Way. This alignment was specifically positioned to avoid environmentally sensitive areas and natural resources. As you can see from the attached figure, the existing Manhole SS-9 is about 30 feet off the roadway and encroaches the 100-year floodplain based on FEMA floodplain data. The manhole appears to be elevated above the 100-year flood plain elevation (photo attached). The construction impacts to connect the sewer line from Amtrak Way to Manhole SS-9 would be temporary, and the ground level would be returned to its current elevation after construction. Therefore no significant floodplain encroachment is expected. A Joint Permit Application will be sought with MDE prior to construction for the work in the floodplain.

Given the update to the project components, we would like to confirm that the Coastal Zone Consistency determination still applies and that this new information about the project does not require further coordination at this time. Let me know if you need to discuss! Thanks so much!

[Ms. Robin M. Bowie](mailto:rbowie@bwiairport.com)

[Acting Director, Office of Environmental Services](#)

[Maryland Department of Transportation Aviation Administration](#)

[410-859-7103](tel:4108597103) (office)

[410-859-7082](tel:4108597082) (fax)

[\*\*rbowie@bwiairport.com\*\*](mailto:rbowie@bwiairport.com)

**Mailing Address**

P.O. Box 8766

BWI Airport, MD 21240

**Overnight Shipping Address**

991 Corporate Boulevard

Linthicum, MD 21090



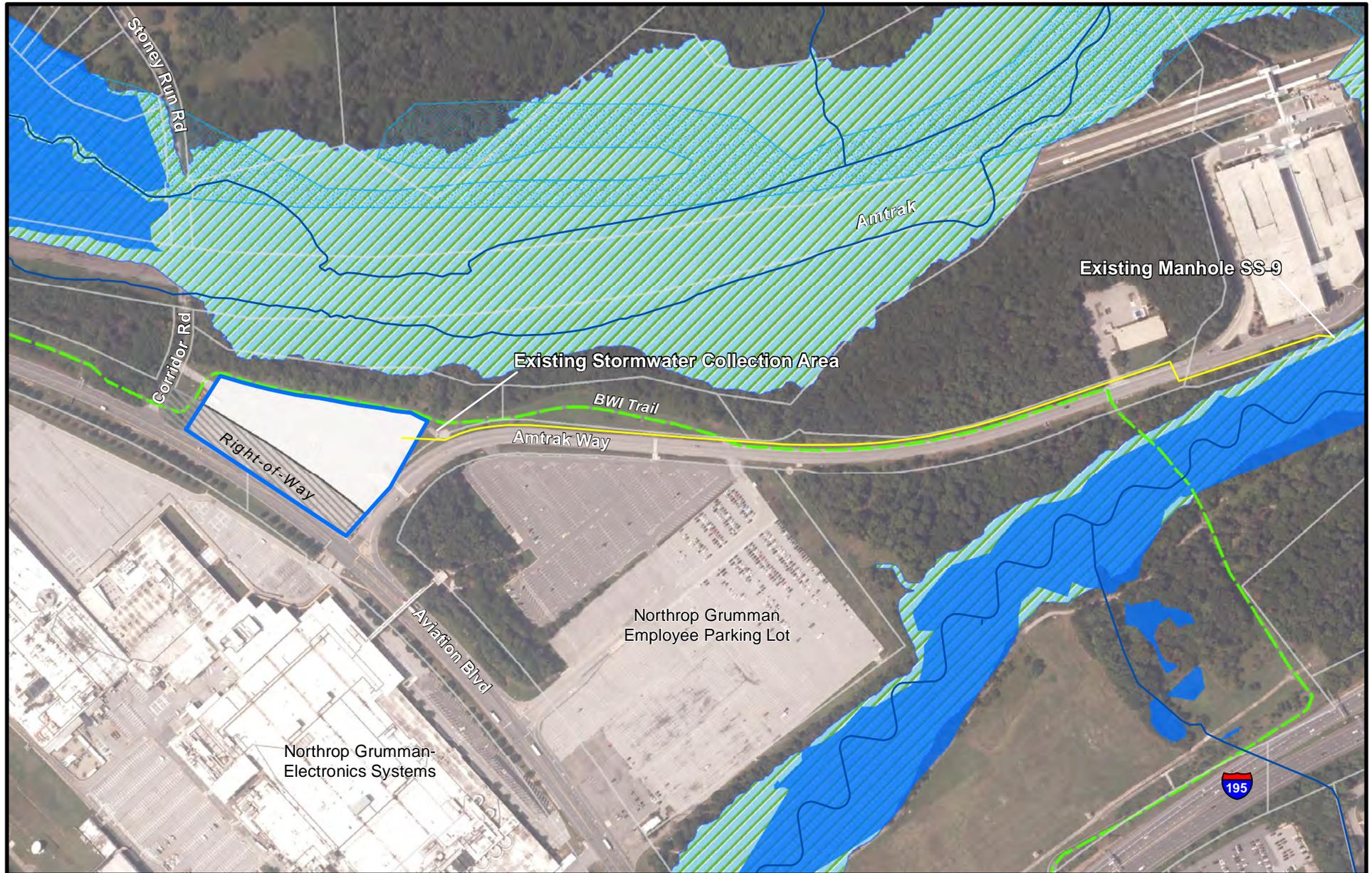
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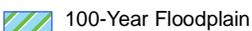
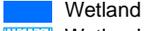
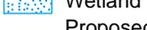
Please consider the environment before printing this email

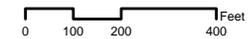
LEGAL DISCLAIMER - The information contained in this communication (including any attachments) may be confidential and legally privileged. This email may not serve as a contractual agreement unless explicit written agreement for this purpose has been made. If you are not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication or any of its contents is strictly prohibited. If you have received this communication in error, please re-send this communication to the sender indicating that it was received in error and delete the original message and any copy of it from your computer system.

# BWI Marshall Airport Service Station Plaza Environmental Assessment



## LEGEND

- |                                                                                     |                                                          |                                                                                      |                                  |
|-------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------|
|  | Proposed Action Site                                     |  | 100-Year Floodplain              |
|  | Developable Area                                         |   | Wetland                          |
|  | Maryland State Highway Administration (SHA) Right-of-Way |   | Wetland of Special State Concern |
|  | Anne Arundel County Parcel Boundary                      |   | Proposed Sanitary Sewer          |
|  | Stream                                                   |   | BWI Trail                        |



Sources: BWI ALP (January 2015), Aerial - Keystone (August 2011), Anne Arundel County, FEMA

## Water Resources



201602050

RECEIVED  
MAY 06 2016  
BY: \_\_\_\_\_

F  
KAA  
EJZ  
Larry Hogan  
Governor  
Boyd K. Rutherford  
Lt. Governor  
Pete K. Rahn  
Secretary



Ricky D. Smith, Sr.  
Executive Director/CEO

JUN 03 2016

May 2, 2016 RECEIVED

The Maryland Historical Trust has determined that there are no historic properties affected by this undertaking.

Beth Cole Date 5/26/16

Ms. Elizabeth J. Cole  
Review & Compliance  
Maryland Historical Trust  
Division of Historical and Cultural Programs  
100 Community Place  
Crownsville MD 21032-2023

Dear Ms. Cole:

AN G.

The Maryland Aviation Administration (MAA) is preparing a Short Environmental Assessment (EA) Form to fulfill the legal requirements of the National Environmental Policy Act (NEPA) of 1969 and Federal Aviation Administration (FAA) Order 1050.1F for a proposed Service Station Plaza at Baltimore/Washington International Thurgood Marshall Airport (BWI Marshall). The proposed site location and relation to airport property is illustrated on **Figure 1**. The Service Station Plaza is proposed to be located on a 4.61-acre vacant lot at the intersection of Amtrak Way and Aviation Boulevard on BWI Marshall Property. The site is currently owned by the MAA and used for contractor equipment and vehicle staging. The project is identified as a Phase I improvement (2016-2020) on the BWI Marshall Draft Airport Layout Plan (ALP) (P46). The parcel is paved, available for development, and could generate non-aeronautical revenue for the MAA. The site layout shown on Figure 1 is shown on the ALP as a potential layout, however no developer has been selected and no formal site plans have been developed. Potential amenities include two canopies, fueling facilities, a car wash, a restaurant, and a convenience store.

The parcel is situated along an established thoroughfare, Aviation Boulevard, and is bordered on the east by Amtrak Way, which provides access to a large parking facility and the Amtrak/MARC station. To the west are the Amtrak rail line, BWI Trail, and natural open space, including forested wetland areas. Current zoning at this site is compatible with a service station plaza/gas station.

The MAA conducted a *BWI Gas Station Site Selection Study* (March 2006) which identified the proposed site as the preferred location for a gas station based on (1) location and land use compatibility, (2) access, (3) visibility, (4) market presence/competition, and (5) environmental resources. Two additional studies were recently completed to ensure the proposed project is feasible:

#115 BC 5/26/16  
prior disturbance, well south of Hyson 18AN489

- *Environmental Site Assessment, Parking Lot at Aviation Boulevard & Amtrak Way, Linthicum Heights, Maryland* (August 2015) – A Phase I and Phase II Environmental Site Assessment (ESA) for the site was completed to provide information for use in evaluating recognized environmental conditions (RECs) associated with the property. In response to the study, the Maryland Department of the Environment (MDE) Land Restoration Program (LRP) indicated on February 19, 2016 that “...with implementation of a proper site management plan, the site’s current environmental condition is acceptable for the projected development of the site as a commercial facility.”
- *Service Plaza Site Assessment* (Draft, July 2015) – This study was conducted to analyze requirements to provide site utilities to the parcel and determine if the site was suitable for commercial development. Specifically, several alignments for the sanitary sewer were developed and evaluated. Based on the analysis performed on the site and its proximity to the other site utilities, it was determined the site is suitable for commercial development.

The MAA must obtain an environmental finding from the Federal Aviation Administration (FAA) for the Proposed Action prior to development of the Service Station Plaza. The Eastern Region Short EA Form (<http://www.faa.gov/airports/eastern/environmental/>) will be completed for review of the Proposed Action. Based on preliminary screening of alternatives in studies and analysis conducted to date, the Short EA Form is limited to the Proposed Action Alternative and the No Action Alternative (as required by Council on Environmental Quality regulations). The Short EA Form will identify the project’s purpose and need and evaluate the potential environmental impacts of the Proposed Action and No Action alternatives. Relevant projects within the past five years and future improvements identified in the BWI Marshall ALP will be considered for analysis of potential cumulative impacts associated with the proposed Service Station Plaza.

#### *Environmental Analysis*

All FAA Order 1050.1F impact categories will be addressed to complete the Short EA Form; however the level of analysis for each impact category will vary by its anticipated potential impact. It is expected that the following 1050.1F categories will require analysis, although for most of the listed categories, the analysis will be limited:

- |                                       |                                                                                           |                                            |
|---------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------|
| • Air Quality                         | • Hazardous Materials, Solid Waste, and Pollution Prevention                              | • Water Resources                          |
| • Biological Resources                | • Socioeconomics, Environmental Justice, and Children’s Health and Safety Risks (traffic) | • Visual Effects including Light Emissions |
| • Climate                             |                                                                                           |                                            |
| • Section 4(f) impacts                |                                                                                           |                                            |
| • Construction impacts                |                                                                                           |                                            |
| • Natural Resources and Energy Supply |                                                                                           |                                            |

Ms. Elizabeth J. Cole  
Page Three

The MAA is seeking concurrence from the Maryland Historical Trust (MHT), based on the Historic Preservation Plan (HPP) that MAA prepared in 1996 in coordination with MHT, that the area of the proposed project falls within an area designated in the HPP as previously evaluated and thus no additional study is required. The proposed project is not changing existing aircraft operations or procedures, therefore there would be no changes to the noise environment in the vicinity of any historic properties. The Area of Potential Effect (APE) is limited to the construction area, as shown on the Proposed Action graphic.

The MAA encourages each agency to review the information and provide comments. To request further information about this proposed project, please contact me via telephone at 410-859-7103 or via e-mail at [rbowie@bwiairport.com](mailto:rbowie@bwiairport.com). Please submit written comments by mail to me by **June 6, 2016**, so that pertinent input from agencies can be incorporated at an early stage to ensure open and continuous coordination throughout the EA process.

Sincerely,

A handwritten signature in cursive script that reads "Robin M. Bowie".

Robin M. Bowie, Acting Director  
Office of Environmental Services

Enclosures



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JUN 07 2016

MD AVIATION ADMINISTRATION  
PLANNING & ENVIRONMENTAL SERVICES

Heritage Complex  
2662 Riva Road, 3rd Floor  
Annapolis, MD 21401

**Chris Phipps, P.E.**  
**Director, Department of Public Works**

June 2, 2016

Attn: Ms. Robin Bowie  
Acting Director, Office of Environmental Services  
Maryland Aviation Administration  
PO Box 8766  
BWI Airport  
Maryland 21240-0766

Re: Comments for Proposed Service Station Plaza at BWI Marshall

Dear Ms. Bowie,

This letter is in response to your letter dated May 2, 2016 in reference to the proposed Service Station Plaza at BWI Marshall. The Maryland Aviation Administration (MAA) has solicited comments from Anne Arundel County Bureau of Utility Operations regarding the preparation of the Short Environmental Assessment Form for the proposed Plaza in Anne Arundel County.

We understand from your letter that the proposed station is to be located at the intersection of Amtrak Way and Aviation Blvd on BWI Marshall property (Tax Account # 500090102072). Furthermore, we understand the potential amenities include two canopies, fueling facilities, a car wash, a restaurant, and a convenience center.

We have reviewed the information provided along with County records and offer the following comments:

1. The parcel has public water available. Records show a 24" water transmission main through the parcel and a 12" main on Aviation Blvd. Protection of the water main located on the site is required during construction activities. If service is requested, connection shall be through the 12" main and not the transmission main.

2. The parcel is currently not served by sanitary sewer service. The nearest sewer service is to the west at approx. 365ft to the property line. The sewer is a 30" gravity transmission main.
3. The letter indicates that a site assessment was completed for sewer alignments but was not included. The following items are mentioned if a connection is proposed to the 30" main to the west (rear of parcel).
  - a. Adjacent parcel appears to be owned by others. Therefore easement will be required.
  - b. Two stream crossings will be required.
  - c. Railroad track crossing will be required.
  - d. Crossing of FEMA Floodplain will be required.
  - e. Crossing through steep slopes will be required.
  - f. Bureau of Utility Operations review and approval shall be required for connection to the sewer transmission line. Hydraulic analysis will be required.
4. If the Plaza will have a restaurant, a grease trap shall be required. Review and approval by Anne Arundel County is needed.
5. Connection to public water or sewer will require appropriate Anne Arundel County permits.

Please feel free to contact me at (410) 222-8407 should you have any questions or would like to discuss further.

Sincerely,



James DiPietro

Deputy Director, Bureau of Utility Operations  
437 Maxwell Frye Road  
Millersville, MD 21108

U.S. Fish and Wildlife Service  
Information for Planning and Conservation (IPaC)

# BWI Marshall Service Station Plaza Environmental Assessment

---

## *IPaC Trust Resources Report*

Generated May 24, 2016 09:57 AM MDT, IPaC v3.0.7

This report is for informational purposes only and should not be used for planning or analyzing project level impacts. For project reviews that require U.S. Fish & Wildlife Service review or concurrence, please return to the IPaC website and request an official species list from the Regulatory Documents page.



# Table of Contents

- IPaC Trust Resources Report ..... [1](#)
- Project Description ..... [1](#)
- Endangered Species ..... [2](#)
- Migratory Birds ..... [3](#)
- Refuges & Hatcheries ..... [6](#)
- Wetlands ..... [7](#)

U.S. Fish & Wildlife Service

# IPaC Trust Resources Report



NAME

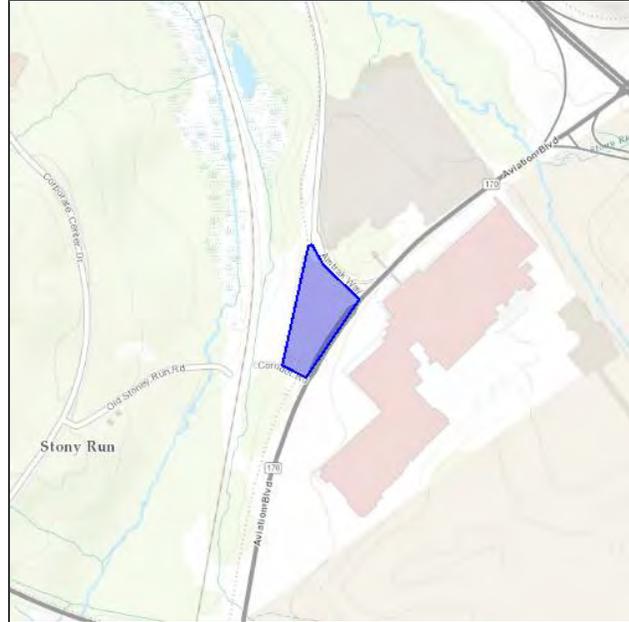
BWI Marshall Service Station Plaza  
Environmental Assessment

LOCATION

Anne Arundel County, Maryland

DESCRIPTION

The Maryland Aviation Administration (MAA) is preparing a Short Environmental Assessment (EA) Form for a proposed Service Station Plaza at BWI Marshall. The site is owned by the MAA, paved and could generate non-aeronautical revenue for the MAA.



IPAC LINK

<https://ecos.fws.gov/ipac/project/4T6V3-4WHHB-FMTLJ-IMJ43-QEAWUJ>

## U.S. Fish & Wildlife Service Contact Information

Trust resources in this location are managed by:

**Chesapeake Bay Ecological Services Field Office**

177 Admiral Cochrane Drive  
Annapolis, MD 21401-7307  
(410) 573-4599

## Endangered Species

Proposed, candidate, threatened, and endangered species are managed by the [Endangered Species Program](#) of the U.S. Fish & Wildlife Service.

**This USFWS trust resource report is for informational purposes only and should not be used for planning or analyzing project level impacts.**

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list from the Regulatory Documents section.

[Section 7](#) of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency.

**A letter from the local office and a species list which fulfills this requirement can only be obtained by requesting an official species list either from the Regulatory Documents section in IPaC or from the local field office directly.**

The list of species below are those that may occur or could potentially be affected by activities in this location:

### Flowering Plants

**Swamp Pink** *Helonias bullata*

Threatened

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=Q2B8](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=Q2B8)

### Critical Habitats

**There are no critical habitats in this location**

## Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the [Bald and Golden Eagle Protection Act](#).

Any activity that results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish & Wildlife Service.<sup>[1]</sup> There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

Any person or organization who plans or conducts activities that may result in the take of migratory birds is responsible for complying with the appropriate regulations and implementing appropriate conservation measures.

---

1. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

Additional information can be found using the following links:

- Birds of Conservation Concern  
<http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>
- Conservation measures for birds  
<http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>
- Year-round bird occurrence data  
<http://www.birdscanada.org/birdmon/default/datasummaries.jsp>

The following species of migratory birds could potentially be affected by activities in this location:

<b>American Oystercatcher</b> <i>Haematopus palliatus</i>	Bird of conservation concern
Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0G8">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0G8</a>	
<b>American Bittern</b> <i>Botaurus lentiginosus</i>	Bird of conservation concern
Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0F3">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0F3</a>	
<b>Bald Eagle</b> <i>Haliaeetus leucocephalus</i>	Bird of conservation concern
Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B008">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B008</a>	
<b>Black Rail</b> <i>Laterallus jamaicensis</i>	Bird of conservation concern
Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B09A">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B09A</a>	

<b>Black-billed Cuckoo</b> <i>Coccyzus erythrophthalmus</i> Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HI">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HI</a>	Bird of conservation concern
<b>Blue-winged Warbler</b> <i>Vermivora pinus</i> Season: Breeding	Bird of conservation concern
<b>Cerulean Warbler</b> <i>Dendroica cerulea</i> Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B09I">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B09I</a>	Bird of conservation concern
<b>Fox Sparrow</b> <i>Passerella iliaca</i> Season: Wintering	Bird of conservation concern
<b>Gull-billed Tern</b> <i>Gelochelidon nilotica</i> Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0JV">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0JV</a>	Bird of conservation concern
<b>Kentucky Warbler</b> <i>Oporornis formosus</i> Season: Breeding	Bird of conservation concern
<b>Least Bittern</b> <i>Ixobrychus exilis</i> Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B092">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B092</a>	
<b>Marbled Godwit</b> <i>Limosa fedoa</i> Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0JL">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0JL</a>	Bird of conservation concern
<b>Nelson's Sparrow</b> <i>Ammodramus nelsoni</i> Season: Wintering	Bird of conservation concern
<b>Peregrine Falcon</b> <i>Falco peregrinus</i> Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0FU">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0FU</a>	Bird of conservation concern
<b>Pied-billed Grebe</b> <i>Podilymbus podiceps</i> Season: Breeding	Bird of conservation concern
<b>Prairie Warbler</b> <i>Dendroica discolor</i> Season: Breeding	Bird of conservation concern
<b>Prothonotary Warbler</b> <i>Protonotaria citrea</i> Season: Breeding	Bird of conservation concern
<b>Purple Sandpiper</b> <i>Calidris maritima</i> Season: Wintering	Bird of conservation concern
<b>Red Knot</b> <i>Calidris canutus rufa</i> Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0DM">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0DM</a>	Bird of conservation concern
<b>Red-headed Woodpecker</b> <i>Melanerpes erythrocephalus</i> Year-round	Bird of conservation concern

<b>Rusty Blackbird</b> <i>Euphagus carolinus</i> Season: Wintering	Bird of conservation concern
<b>Saltmarsh Sparrow</b> <i>Ammodramus caudacutus</i> Year-round	Bird of conservation concern
<b>Short-eared Owl</b> <i>Asio flammeus</i> Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HD">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HD</a>	Bird of conservation concern
<b>Snowy Egret</b> <i>Egretta thula</i> Season: Breeding	Bird of conservation concern
<b>Willow Flycatcher</b> <i>Empidonax traillii</i> Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0F6">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0F6</a>	Bird of conservation concern
<b>Wood Thrush</b> <i>Hylocichla mustelina</i> Season: Breeding	Bird of conservation concern
<b>Worm Eating Warbler</b> <i>Helmitheros vermivorum</i> Season: Breeding	Bird of conservation concern

## Wildlife refuges and fish hatcheries

**There are no refuges or fish hatcheries in this location**

# Wetlands in the National Wetlands Inventory

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

## DATA LIMITATIONS

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

## DATA EXCLUSIONS

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

## DATA PRECAUTIONS

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

Wetland data is unavailable at this time.

UPDATE due to 90 day expiration



## United States Department of the Interior



FISH AND WILDLIFE SERVICE  
Chesapeake Bay Ecological Services Field Office  
177 ADMIRAL COCHRANE DRIVE  
ANNAPOLIS, MD 21401

PHONE: (410)573-4599 FAX: (410)266-9127

URL: [www.fws.gov/chesapeakebay/](http://www.fws.gov/chesapeakebay/);

[www.fws.gov/chesapeakebay/endsppweb/ProjectReview/Index.html](http://www.fws.gov/chesapeakebay/endsppweb/ProjectReview/Index.html)

Consultation Code: 05E2CB00-2017-SLI-0356

December 07, 2016

Event Code: 05E2CB00-2017-E-00401

Project Name: Environmental Assessment (EA) for Proposed Service Station Plaza at BWI Marshall Airport

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

### To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. This species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required

to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan ([http://www.fws.gov/windenergy/eagle\\_guidance.html](http://www.fws.gov/windenergy/eagle_guidance.html)). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment



United States Department of Interior  
Fish and Wildlife Service

Project name: Environmental Assessment (EA) for Proposed Service Station Plaza at BWI  
Marshall Airport

## Official Species List

### Provided by:

Chesapeake Bay Ecological Services Field Office

177 ADMIRAL COCHRANE DRIVE

ANNAPOLIS, MD 21401

(410) 573-4599

<http://www.fws.gov/chesapeakebay/>

<http://www.fws.gov/chesapeakebay/endsppweb/ProjectReview/Index.html>

**Consultation Code:** 05E2CB00-2017-SLI-0356

**Event Code:** 05E2CB00-2017-E-00401

**Project Type:** TRANSPORTATION

**Project Name:** Environmental Assessment (EA) for Proposed Service Station Plaza at BWI  
Marshall Airport

**Project Description:** The Proposed Action includes the construction of a service station plaza on an MAA-owned parcel at the southwest corner of the intersection of Aviation Boulevard and Amtrak Way on BWI Marshall Airport property. The 4.6-acre parcel is mostly paved, available for development, and could generate non-aeronautical revenue for the MAA. The site is currently used for contractor equipment and vehicle staging. The LOD also includes the alignment of the proposed pipe to connect sanitary sewer to the site within SHA ROW along Amtrak Way.

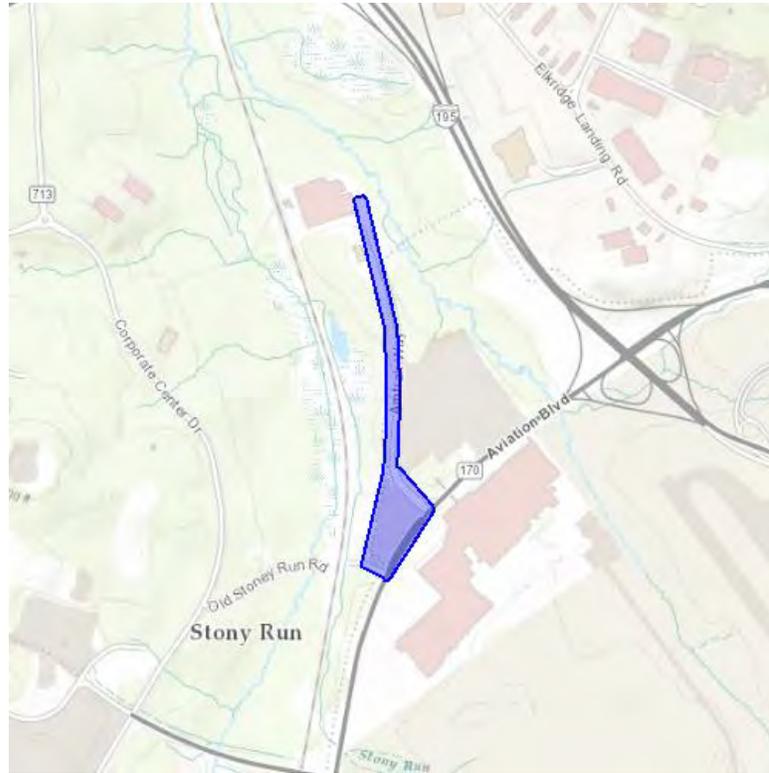
**Please Note:** The FWS office may have modified the Project Name and/or Project Description, so it may be different from what was submitted in your previous request. If the Consultation Code matches, the FWS considers this to be the same project. Contact the office in the 'Provided by' section of your previous Official Species list if you have any questions or concerns.



United States Department of Interior  
Fish and Wildlife Service

Project name: Environmental Assessment (EA) for Proposed Service Station Plaza at BWI  
Marshall Airport

**Project Location Map:**



**Project Coordinates:** MULTIPOLYGON (((-76.69185271172685 39.183340905742135, -76.69192665638079 39.183408385792575, -76.69193506604155 39.18350813872065, -76.6912445096699 39.18582748826486, -76.69114785293559 39.18705056245399, -76.69116715537402 39.18931769635637, -76.69220450019893 39.19250849117794, -76.69218992578298 39.19258565946921, -76.69213541193209 39.19264218909717, -76.6919007952484 39.19267945881302, -76.69182561798745 39.19265019760897, -76.69177988545991 39.19258374179994, -76.6907734057782 39.18936438892146, -76.69069164040087 39.18775484488583, -76.690783668252 39.18588958727515, -76.69071254851409 39.18585778213464, -76.68964975069505 39.18493903043304, -76.68960270553394 39.184846019216344, -76.68963461117798 39.18474679037227, -76.69104369717866 39.183080605891384, -76.69117087878608 39.18305709584961, -76.69124071532673 39.183108743274005, -76.69185271172685 39.183340905742135)))

**Project Counties:** Anne Arundel, MD



United States Department of Interior  
Fish and Wildlife Service

Project name: Environmental Assessment (EA) for Proposed Service Station Plaza at BWI  
Marshall Airport

## Endangered Species Act Species List

There are a total of 1 threatened or endangered species on your species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Critical habitats listed under the **Has Critical Habitat** column may or may not lie within your project area. See the **Critical habitats within your project area** section further below for critical habitat that lies within your project. Please contact the designated FWS office if you have questions.

Flowering Plants	Status	Has Critical Habitat	Condition(s)
Swamp pink ( <i>Helonias bullata</i> ) Population: Wherever found	Threatened		



United States Department of Interior  
Fish and Wildlife Service

Project name: Environmental Assessment (EA) for Proposed Service Station Plaza at BWI  
Marshall Airport

## **Critical habitats that lie within your project area**

There are no critical habitats within your project area.



United States Department of Interior  
Fish and Wildlife Service

Project name: Environmental Assessment (EA) for Proposed Service Station Plaza at BWI  
Marshall Airport

## **Appendix A: FWS National Wildlife Refuges and Fish Hatcheries**

There are no refuges or fish hatcheries within your project area.



United States Department of Interior  
Fish and Wildlife Service

Project name: Environmental Assessment (EA) for Proposed Service Station Plaza at BWI  
Marshall Airport

## Appendix B: NWI Wetlands

Wetlands data for your project area was not available at the time of this species list request.



# United States Department of the Interior



## FISH AND WILDLIFE SERVICE

Chesapeake Bay Field Office  
177 Admiral Cochrane Drive  
Annapolis, Maryland 21401  
<http://www.fws.gov/chesapeakebay>

March 21, 2017

HNTB  
2900 S. Quincy St., suite 600  
Arlington, VA 22206

*RE: Environmental Assessment (EA) for Proposed Station Plaza at BWI Marsh*

Dear Caroline Pinegar:

This responds to your letter, received December 7, 2016, requesting information on the presence of species which are federally listed or proposed for listing as endangered or threatened within the vicinity of the above referenced project area. We have reviewed the information you enclosed and are providing comments in accordance with section 7 of the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*).

Except for occasional transient individuals, no federally proposed or listed endangered or threatened species are known to exist within the project impact area. Therefore, no Biological Assessment or further section 7 Consultation with the U.S. Fish and Wildlife Service is required. Should project plans change, or if additional information on the distribution of listed or proposed species becomes available, this determination may be reconsidered.

This response relates only to federally protected threatened or endangered species under our jurisdiction. For information on the presence of other rare species, you should contact Lori Byrne of the Maryland Wildlife and Heritage Division at (410) 260-8573.

An additional concern of the Service is wetlands protection. Federal and state partners of the Chesapeake Bay Program have adopted an interim goal of no overall net loss of the Chesapeake Bay's remaining wetlands, and the long term goal of increasing the quality and quantity of the Chesapeake Bay's wetlands resource base. Because of this policy and the functions and values wetlands perform, the Service recommends avoiding wetland impacts. All wetlands within the project area should be identified, and if construction in wetlands is proposed, the U.S. Army Corps of Engineers, Baltimore District, should be contacted for permit requirements. They can be reached at (410) 962-3670.



We appreciate the opportunity to provide information relative to fish and wildlife issues, and thank you for your interests in these resources. If you have any questions or need further assistance, please contact Trevor Clark at (410) 573-4527.

Sincerely,

A handwritten signature in blue ink that reads "G. LaRouche". The signature is written in a cursive style with a large initial "G" and a stylized "LaRouche".

Genevieve LaRouche  
Supervisor

## Comments Received on the Draft EA



Larry Hogan, Governor  
Boyd Rutherford, Lt. Governor

Wendi W. Peters, Secretary  
Ewing McDowell, Deputy Secretary

January 6, 2017

Ms. Robin Bowie  
Acting Director, Office of Environmental Services  
Maryland Aviation Administration  
Baltimore/Washington International Thurgood Marshall Airport  
P.O. Box 8766  
BWI Airport, MD 21240

**STATE CLEARINGHOUSE REVIEW PROCESS**

**State Application Identifier:** MD20170105-0010

**Reply Due Date:** 02/10/2017

**Project Description:** Draft Environmental Assessment (EA) Proposed Service Station Plaza at BWI Marshall Airport, which will be located at the Southwest Corner of the Intersection of Aviation Blvd. and Amtrak Way, 4.6-acre to provide a Convenient location for a Gas Station and Store to Serve Airport Passengers...

**Project Location:** County(ies) of Anne Arundel

**Clearinghouse Contact:** Myra Barnes

Dear Ms. Bowie:

Thank you for submitting your project for intergovernmental review. Your participation in the Maryland Intergovernmental Review and Coordination (MIRC) process helps to ensure that your project will be consistent with the plans, programs, and objectives of State agencies and local governments.

We have forwarded your project to the following agencies and/or jurisdictions for their review and comments: the Maryland Department(s) of Transportation, the Environment, Natural Resources; the County(ies) of Anne Arundel; and the Maryland Department of Planning; including Maryland Historical Trust. A composite review and recommendation letter will be sent to you by the reply due date. Your project has been assigned a unique State Application Identifier that you should use on all documents and correspondence.

Please be assured that we will expeditiously process your project. The issues resolved through the MIRC process enhance the opportunities for project funding and minimize delays during project implementation. Also, if you need assistance or have questions, contact the State Clearinghouse staff noted above at 410-767-4490 or through e-mail at [myra.barnes@maryland.gov](mailto:myra.barnes@maryland.gov). Thank you for your cooperation with the MIRC process.

Sincerely,

Myra Barnes, Lead Clearinghouse Coordinator

MB:MB

cc: Caroline Pinegar - HNTB

17-0010\_NRR.NEW.doc

---

**Subject:** Clearinghouse Review & Recommendation: MD20170105-0010  
**Attachments:** 17-0010\_CLH Recommendation.CLS.doc.pdf

From: Myra Barnes -MDP- <myra.barnes@maryland.gov>  
Date: 2/3/17 1:31 PM (GMT-05:00)  
To: Robin Bowie <rbowie@bwiairport.com>  
Subject: Fwd: Clearinghouse Review & Recommendation: MD20170105-0010

Hello Ms. Bowie,

Attached is the State Clearinghouse Review and Recommendation letter, including an attachment for the Draft Environmental Assessment (EA) Proposed Service Station Plaza at BWI Marshall Airport, which will be located at the Southwest Corner of the Intersection of Aviation Blvd. and Amtrak Way, 4.6-acre to provide a Convenient location for a Gas Station and Store to Serve Airport Passengers... (MD20170105-0010). Thank you.



Myra A. Barnes

Lead Clearinghouse Coordinator

Maryland Department of Planning  
(410) 767-

4490

/ [\(877\) 767-6272](tel:(877)767-6272)

[Please take our customer service survey.](#)

[Planning.Maryland.gov](http://Planning.Maryland.gov)

----- Forwarded message -----

From: <[myra.barnes@maryland.gov](mailto:myra.barnes@maryland.gov)>  
Date: Fri, Feb 3, 2017 at 1:20 PM  
Subject: Clearinghouse Review & Recommendation: MD20170105-0010

To: [amanda.degen@maryland.gov](mailto:amanda.degen@maryland.gov), [beth.cole@maryland.gov](mailto:beth.cole@maryland.gov), [bihui.xu@maryland.gov](mailto:bihui.xu@maryland.gov), [ggolden@dnr.state.md.us](mailto:ggolden@dnr.state.md.us),  
[reharr00@aacounty.org](mailto:reharr00@aacounty.org), [steven.allan@maryland.gov](mailto:steven.allan@maryland.gov), [tquinichette@mdot.state.md.us](mailto:tquinichette@mdot.state.md.us)  
Cc: [myra.barnes@maryland.gov](mailto:myra.barnes@maryland.gov)

**To: State Clearinghouse E-MIRC Reviewers**

Clearinghouse has completed the intergovernmental review of the following project, which was provided to you for comment. A copy of the close out letter, including any attachments, has been placed in the documents folder which can be accessed by clicking [http://planning.maryland.gov/EMIRC\\_Files/MD20170105-0010.zip](http://planning.maryland.gov/EMIRC_Files/MD20170105-0010.zip) or through the document link attached to the database record. This is a 56 MB file. Since the review is now complete, the record should appear in the Completed section of your project listings. No hard copy of this close out letter or attachments will be sent.

**Review and Recommendation**

**Date:** 02/03/2017

**Recommendation:** Consistent Including General Comment(s)

**Applicant(s):** (1) Maryland Aviation Administration and (2) HNTB Corporation

**Project Description:** Draft Environmental Assessment (EA) Proposed Service Station Plaza at BWI Marshall Airport, which will be located at the Southwest Corner of the Intersection of Aviation Blvd. and Amtrak Way, 4.6-acre to provide a Convenient location for a Gas Station and Store to Serve Airport Passengers...

**Location(s):** Anne Arundel County;

Again, thank you for continued attention and participation in the Maryland Intergovernmental Review and Coordination (MIRC) process which helps to enhance the opportunities for project funding, minimize delays during project implementation, and ensure transparency by providing the opportunity to be made aware of and to comment on direct development in the State of Maryland.

Myra Barnes, Lead Clearinghouse Coordinator  
[myra.barnes@maryland.gov](mailto:myra.barnes@maryland.gov)

Maryland now features 511 traveler information!  
Call 511 or visit: [www.md511.org](http://www.md511.org)



Larry Hogan, Governor  
Boyd Rutherford, Lt. Governor

Wendi W. Peters, Secretary  
Ewing McDowell, Deputy Secretary

February 3, 2017

Ms. Robin Bowie  
Acting Director, Office of Environmental Services  
Maryland Aviation Administration  
Baltimore/Washington International Thurgood Marshall Airport  
P.O. Box 8766  
BWI Airport, MD 21240

**STATE CLEARINGHOUSE RECOMMENDATION**

**State Application Identifier: MD20170105-0010**

**Applicant: Maryland Aviation Administration and HNTB Corporation**

**Project Description: Draft Environmental Assessment (EA) Proposed Service Station Plaza at BWI Marshall Airport, which will be located at the Southwest Corner of the Intersection of Aviation Blvd. and Amtrak Way, 4.6-acre to provide a Convenient location for a Gas Station and Store to Serve Airport Passengers...**

**Project Location: County(ies) of Anne Arundel**

**Approving Authority: U.S. Department of Transportation DOT/FAA**

**Recommendation: Consistent Including General Comment(s)**

Dear Ms. Bowie:

In accordance with Presidential Executive Order 12372 and Code of Maryland Regulation 34.02.01.04-.06, the State Clearinghouse has coordinated the intergovernmental review of the referenced project. This letter constitutes the State process review and recommendation based upon comments received to date. This recommendation is valid for a period of three years from the date of this letter.

Review comments were requested from the Maryland Department(s) of Natural Resources, Transportation, the Environment; Anne Arundel County; and the Maryland Department of Planning, including the Maryland Historical Trust. As of this date, the Maryland Department(s) of Natural Resources, the Environment; and Anne Arundel County have not submitted comments. **This recommendation is contingent upon the applicant considering and addressing any problems or conditions that may be identified by their review. Any comments received will be forwarded.**

The Maryland Department of Transportation; and the Maryland Department of Planning, including the Maryland Historical Trust found this project to be consistent with their plans, programs, and objectives.

Our Department (Planning) stated that "the project is consistent with the approved BWI Marshall ALP Update (August 2012) and is identified as a Phase I improvement (2016-2020) on the BWI Marshall Airport Draft ALP (January 2015) as "P46." Additionally, the proposed service station plaza site is identified as "Industrial" land use on Airport property in the 2003 BWI/Linthicum Small Area Plan. MDP appreciates there will be no permanent impacts to the existing, adjacent BWI Trail."

Ms. Robin Bowie

February 3, 2017

Page 2

State Application Identifier: **MD20170105-0010**

The Maryland Historical Trust has determined that the project will have "no effect" on historic properties and that the federal and/or State historic preservation requirements have been met.

**Any statement of consideration given to the comments should be submitted to the approving authority, with a copy to the State Clearinghouse.** The State Application Identifier Number must be placed on any correspondence pertaining to this project. The State Clearinghouse must be kept informed if the approving authority cannot accommodate the recommendation.

Please remember, you must comply with all applicable state and local laws and regulations. If you need assistance or have questions, contact the State Clearinghouse staff person noted above at 410-767-4490 or through e-mail at myra.barnes@maryland.gov. **Also please complete the attached form and return it to the State Clearinghouse as soon as the status of the project is known. Any substitutions of this form must include the State Application Identifier Number. This will ensure that our files are complete.**

Thank you for your cooperation with the MIRC process.

Sincerely,



Myra Barnes, Lead Clearinghouse Coordinator

MB:MB

Enclosure(s)

cc: Caroline Pinegar - HNTB  
Tina Quinichette - MDOT  
Amanda Degen - MDE

Greg Golden - DNR  
Samantha Harris - ANAR

Bihui Xu - MDPI-T  
Joseph Griffiths - MDPL

Beth Cole - MHT

17-0010\_CRR.CLS.doc