All interested parties are notified that an application dated March 10, 2022, has been received from the Pennsylvania Department of Transportation by the Commander, Fifth Coast Guard District, for approval of the location and plans for replacement of existing highway fixed bridges over a navigable waterway of the United States.

**WATERWAY AND LOCATION:** Darby Creek, mile 1.3, between Prospect Park Borough and Tinicum Township, Delaware County, PA.

**CHARACTER OF WORK:** The proposed project is to replace the existing northbound and southbound bridges which carry S.R. 420 (Wanamaker Avenue) over Darby Creek between Tinicum Township and Prospect Park Borough, Delaware County, PA. The proposed work includes the replacement of the superstructure and substructure of the existing northbound and southbound bridges, which will be replaced with one bridge structure along similar alignments as the northbound and southbound bridges. The purpose of the project is to replace the structurally deficient and deteriorating northbound and southbound bridges.

**MINIMUM NAVIGATIONAL CLEARANCES:**

<table>
<thead>
<tr>
<th></th>
<th><strong>Existing</strong></th>
<th><strong>Proposed</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Vertical Clearance:</strong></td>
<td>7 feet above mean high water</td>
<td>11 feet above mean high water</td>
</tr>
<tr>
<td><strong>Horizontal Clearance:</strong> (normal to axis of the channel)</td>
<td>(Northbound)- 58 feet between the bridge protective system</td>
<td>(Southbound)- 50 feet between the bridge protective system</td>
</tr>
<tr>
<td></td>
<td>78 feet between the bridge protective system fenders</td>
<td>78 feet between the bridge protective system fenders</td>
</tr>
</tbody>
</table>

North American Vertical Datum of 1988 (NAVD88) (Existing and Proposed bridges)
ENVIRONMENTAL CONSIDERATIONS:

The Federal Highways Administration (FHWA) is the lead Federal agency for compliance with the National Environmental Policy Act (NEPA). The FHWA is acting on behalf of the U. S. Coast Guard (USCG) for all applicable environmental control laws and Executive Orders. The FHWA approved a Categorical Exclusion (CATEX) on December 12, 2018. The USCG has tentatively determined that the environmental documentation approved by the FHWA is adequate for USCG bridge permitting purposes and intends to prepare a memorandum to file to document a USCG CATEX. Environmental documents are available for review at the address in the letterhead above, Monday through Friday (except Federal holidays), from 8 a.m. to 4:30 p.m.

The bridge is located in the floodplain. The 100-year flood level is +8.97 feet from datum and low steel of the bridge in the navigation span is +13.81 feet from datum.

A water quality certificate was issued by the Pennsylvania Department of Environmental Protection (PADEP) via Water Obstruction and Encroachment Permit (WOEP) dated February 22, 2022, DEP Permit # 2301120-029 and USACE Pennsylvania State Programmatic General Permit -6 (PASPGP-6) dated February 28, 2022.

The bridge construction site lies inside of a designated Coastal Zone Management area. The applicant provided the Pennsylvania Department of Environmental Protection, Pennsylvania Coastal Resource Management (CRM) Program with the project location information and a certification of consistency. The Pennsylvania Department of Environmental Protection, Pennsylvania Coastal Resource Management (CRM) Program issued a finding, MPMS #92323 Darby Creek Bridge, on January 11, 2021, that the project is consistent with the state’s Coastal Zone Management Plan.

Comments received in response to this notice concerning environmental control laws and Executive Orders will be forwarded to FHWA as lead Federal Agency.
SOLICITATION OF COMMENTS:

Mariners are requested to provide navigational information, such as the sizes and types of vessels presently owned and operated on the waterway and nature of navigation (including the extent of nighttime navigation) on the waterway. Mariners are requested to comment on the navigational clearances and need for bridge protective systems, clearance gauges, and navigational lighting on the proposed bridge. Please submit the attached response form.

Interested parties are requested to express their views, in writing, on the proposed bridge project, giving sufficient detail to establish a clear understanding of their reasons for support of, or opposition to, the proposed project. Comments will be received for the record at the office of Commander (dpb), Fifth Coast Guard District, 431 Crawford Street, Portsmouth, VA 23704-5004 through September 26, 2022.

/HAL R. PITTS/
Bridge Program Manager
By direction

This is a Web-searchable copy and is not the official, signed version; however, other than the signature being omitted, it is a duplicate of the official version.

Attachments: (1) Response Form
(2) Location/Vicinity Maps and Plan Sheets
It is requested that anyone having an interest in this proposed project, from the standpoint of navigation, submit vessel information, comments, and recommendations on this form to the office of Commander (dpb), Fifth Coast Guard District, 431 Crawford Street, Portsmouth, VA 23704-5004 by **September 26, 2022**.

<table>
<thead>
<tr>
<th>Vessel Information</th>
<th>Please provide all requested information:</th>
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<tbody>
<tr>
<td>Vessel Type</td>
<td></td>
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<tr>
<td>Use – <em>Commercial and/or Recreational</em></td>
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<tr>
<td>Vessel Height</td>
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<td>Draft</td>
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<tr>
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<td>Tonnage</td>
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<tr>
<td>Mooring Location</td>
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</table>

Name (Optional): _______________________________________________________________

Address (Optional): _____________________________________________________________

Phone (Optional): _______________________________________________________________

**Comments and Recommendations:**

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________
NOTES:
1. Conceptual plans utilized to obtain Coast Guard Bridge permit.
NOTES:
1. CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.
2. THE US COAST GUARD IS NOT RESPONSIBLE FOR APPROVING FILL AND RIPRAP LOCATIONS AND QUANTITIES.
3. FILL AROUND BRIDGE PIERS AND ABUTMENTS WILL NOT EXTEND ABOVE THE WATERWAY BOTTOM.

MEAN HIGH WATER LINE
MEAN LOW WATER LINE
NAVIGATION CHANNEL

FILL (SEE NOTE 3)
( )

FILL (TYP)
FENDER SYSTEM (TYP)

78' 0" MIN
NAVIGATION CHANNEL

GENERAL PLAN

LEGEND:

LEGAL RIGHT-OF-WAY LINE
HIGH/LOW WATER LINE

EXISTING STRUCTURE TO BE REMOVED
EXISTING STRUCTURE TO REMAIN
APPROXIMATE WATER DEPTH AT MEAN LOW WATER (FEET)

PROPOSED BRIDGE

DATUM: NAVD88

USCG PERMIT PLAN

08/10/2022
NOTES:

1. CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.
2. THE US COAST GUARD IS NOT RESPONSIBLE FOR APPROVING FILL AND RIPRAP LOCATIONS AND QUANTITIES.

DATUM: NAVD88

USCG PERMIT PLAN

DATE: 08/10/2022

FILE NAME: \gfnet-pw.bentley.com\gfnet-pw-01\Documents\Projects\57669\OUTPUT\COMP_01\CIVIL\Gannett Fleming\BRDG\PLT\Coast Guard Permit\CG ELEVATION.dgn

TIME: 4:08:29 PM

DATE: 08/10/2022

FILE NAME: EAST ELEVATION

DEPARTMENT OF TRANSPORTATION
COMMONWEALTH OF PENNSYLVANIA
GANNETT FLEMING
08/10/2022

SR 420 (WANAMAKER AVENUE) BRIDGE OVER DARBY CREEK
BETWEEN PROSPECT PARK BOROUGH AND TINICUM TOWNSHIP
DELAWARE COUNTY, PA

ELEVATION VIEW

PLOT

SHEET NUMBER 3 OF 6
NOTES:
1. Conceptual Plans Utilized to Obtain Coast Guard Bridge Permit.
NOTES:

1. CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.

DATE: 08/10/2022
NOTES:
1. CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.

USCG PERMIT PLAN

08/10/2022

GANNETT FLEMING

08/10/2022

FENDER ELEVATION

DEPARTMENT OF TRANSPORTATION
COMMONWEALTH OF PENNSYLVANIA

SR 420 (WANAMAKER AVENUE) BRIDGE OVER DARBY CREEK BETWEEN PROSPECT MILLENNIUM & TINICUM TOWNSHIP
DELWARE COUNTY, PA

6
OF 6