

U.S. Department of  
Homeland Security

United States  
Coast Guard



Commander  
United States Coast Guard  
Fifth Coast Guard District

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16591  
06 NOV 2024

## ***PUBLIC NOTICE D05PN-09-2024***

All interested parties are notified that an application was received on August 30, 2024, from the Maryland Transportation Authority (MDTA) by the Commander, Fifth Coast Guard District, for approval of the location and plans for replacement of a collapsed fixed highway bridge over a navigable waterway of the United States.

**WATERWAY AND LOCATION:** Patapsco River, mile 5.2, between Baltimore County and Baltimore City, MD.

**CHARACTER OF WORK:** The purpose of the proposed project is to replace the collapsed Francis Scott Key Bridge with a new fixed cable-stay bridge (Francis Scott Key Bridge) on the same alignment and within the existing right-of-way. The remnants of the existing bridge will be removed down to or below two feet below the existing mudline and down to or below one foot below the existing ground line. The new bridge will meet current interstate highway design standards and provide for the needs of land transportation and the reasonable needs of navigation. To facilitate bridge construction, work trestles will be installed from the shoreline on each approach to the location of the main piers adjacent to the main (navigation) span of the bridge. All vessels will be required to transit the bridge in the main navigation span and no vessels will be permitted to transit beneath the work trestles.

### **MINIMUM NAVIGATIONAL CLEARANCES:**

<b><u>Existing</u></b>	<b><u>Proposed</u></b>
Vertical Clearance:  185 feet above Mean High Water (MHW)	Vertical Clearance:  230.9 feet above MHW at the limits of the Federal Navigation Channel
Horizontal Clearance: (normal to the axis of the channel)  800 feet centered on the Federal Navigation Channel	Horizontal Clearance: (normal to the axis of the channel)  800 feet centered on the Federal Navigation Channel; 1,100 feet between the areas of proposed pier protection surrounding the main piers adjacent to the Federal Navigation Channel

North American Vertical Datum of 1988 (NAVD88)] (Existing and Proposed bridges)

**ENVIRONMENTAL CONSIDERATIONS:**

The Federal Highway 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 (CE) on July 23, 2024. 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 USCG CE. 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 +8.0 feet from datum and low steel of the bridge in the navigation span is +230.9 feet from datum.

A water quality certificate has been applied for from the Maryland Department of the Environment (MDE) on July 1, 2024.

The bridge construction site lies inside of a designated Coastal Zone Management area. The applicant provided the MDE with the project location information and a certification of consistency via a Joint Permit Application dated July 17, 2024.

Comments received in response to this notice concerning environmental control laws and Executive Orders will be forwarded to FHWA as the 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 if the proposed clearance will not meet your vessel's needs. 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 **December 7, 2024**.

PITTS.HAL.R. Digitally signed by  
PITTS.HAL.R.1121267272  
1121267272 Date: 2024.11.05  
14:14:23 -05'00'  
HAL R. PITTS  
Bridge Program Manager  
By direction

Attachments: (1) Response Form  
(2) Location/Vicinity Maps and Plan Sheets

Francis Scott Key Bridge  
 Patapsco River, mile 6.0,  
 between Baltimore City and Baltimore County, MD  
**Public Notice D05PN-09-2024**  
 Response Form

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 **December 7, 2024**.

<b>Vessel Information</b>	Please provide all requested information:
Vessel Type	
Use – <i>Commercial and/or Recreational</i>	
Vessel Height	
Draft	
Length	
Beam	
Tonnage	
Mooring Location	

Name (Optional): \_\_\_\_\_

Address (Optional): \_\_\_\_\_

Phone (Optional): \_\_\_\_\_

**Comments and Recommendations:** \_\_\_\_\_

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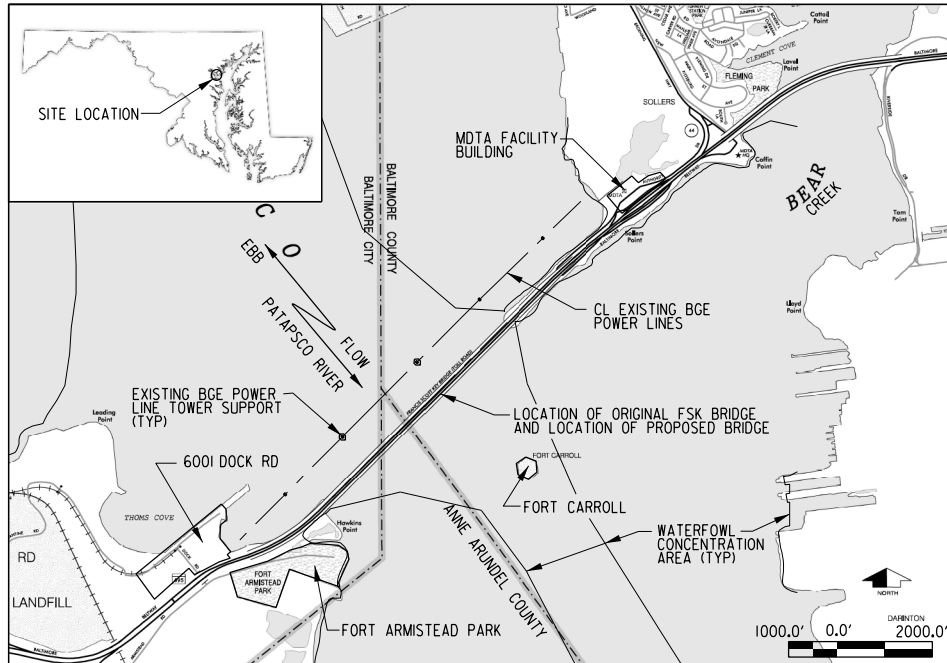
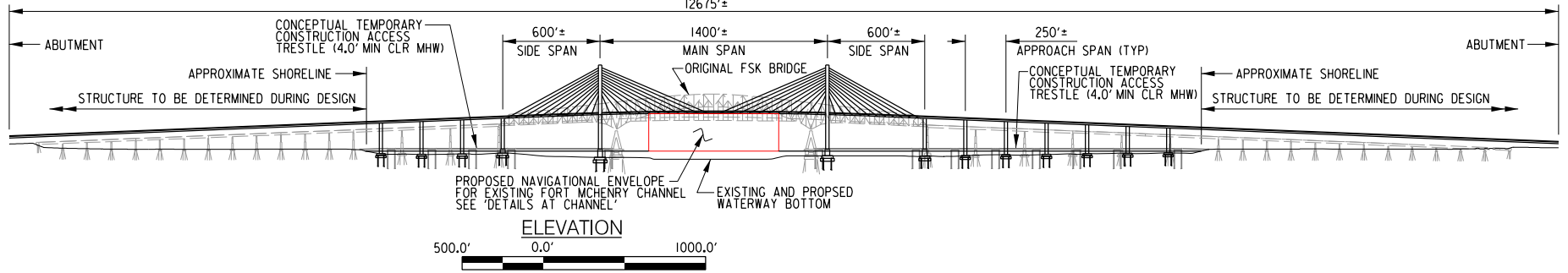
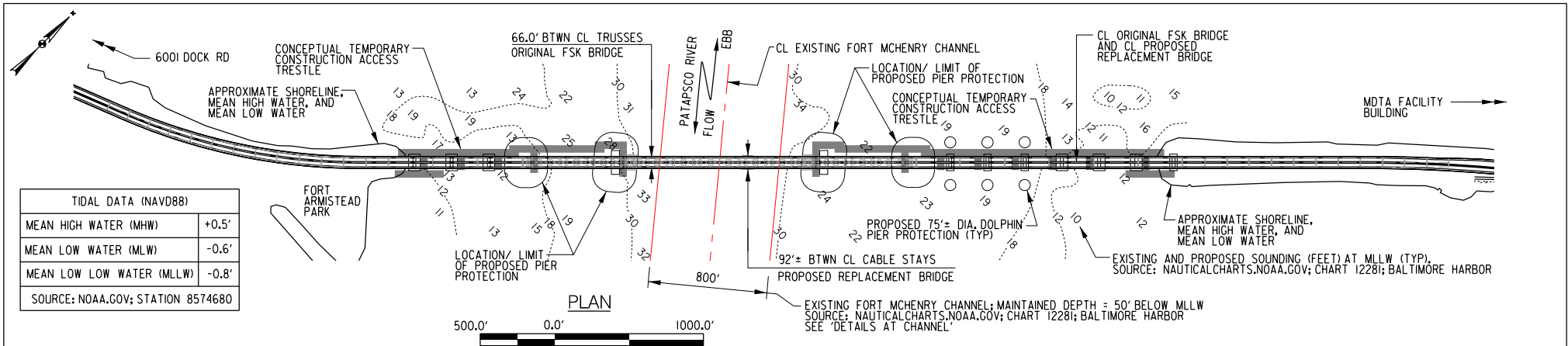
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**NOTES:**

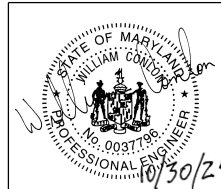
- IT IS ANTICIPATED THAT REMAINING PORTIONS OF ORIGINAL FSK BRIDGE WILL BE REMOVED PRIOR TO START OF NEW BRIDGE CONSTRUCTION.
- PROPOSED PIER PROTECTION SYSTEMS AND PIERS SHOWN WILL REQUIRE EXCAVATION AND FILL BELOW THE WATERLINE. (TO BE DETERMINED/ FINALIZED DURING DESIGN):
  - CABLE-STAYED MAIN AND SIDE SPAN PIER PROTECTION TO BE DETERMINED.
  - SIX (6) DOLPHINS APPROXIMATELY 47,000 CUYD TOTAL FILL MATERIAL.
  - THIRTEEN (13) PIERS APPROXIMATELY 131,000 CUYD TOTAL CONCRETE FILL.
- 100 YEAR FLOOD ELEVATION: EL 8.0'±
- SOURCE MATERIALS FOR DATA AS NOTED ON THE PLANS.
- ASSUMPTIONS (TO BE DETERMINED/ FINALIZED DURING DESIGN):
  - PILE SUPPORTED CONCRETE PIER AND TOWER FOUNDATIONS.
  - CABLE-STAYED STRUCTURE FOR MAIN SPAN OF PROPOSED BRIDGE.
  - FOR DETERMINING LOW STEEL ROADWAY SUPPORT STRUCTURE WILL EXTEND 9' (MAX) BELOW THE TGL (THEORETICAL GRADE LINE) ABOVE THE MAIN CHANNEL.

**ABBREVIATIONS:**

- BTWN - BETWEEN
- CL - CENTERLINE
- CLR - CLEAR
- CUYD - CUBIC YARDS
- DIA - DIAMETER
- EL - ELEVATION
- FSK - FRANCIS SCOTT KEY
- HORIZ - HORIZONTAL
- MAX - MAXIMUM
- MHW - MEAN HIGH WATER
- MIN - MINIMUM
- MLLW - MEAN LOW LOW WATER
- MLW - MEAN LOW WATER
- NTS - NOT TO SCALE
- SYM - SYMMETRIC
- TGL - THEORETICAL GRADE LINE
- TYP - TYPICAL
- VERT - VERTICAL

HORIZONTAL DATUM	NAD83
VERTICAL DATUM	NAVD88

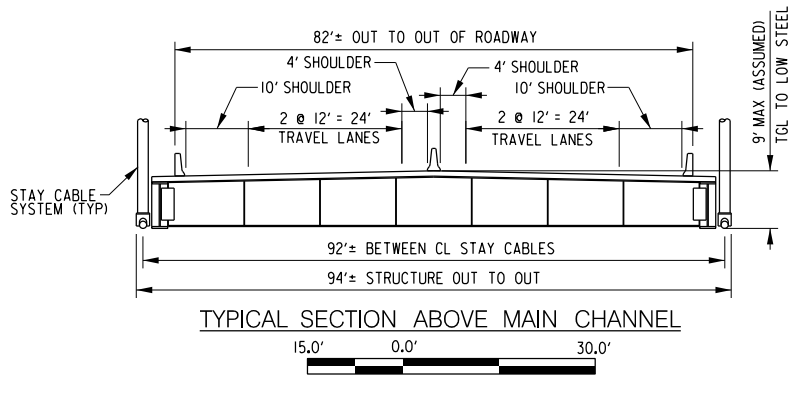
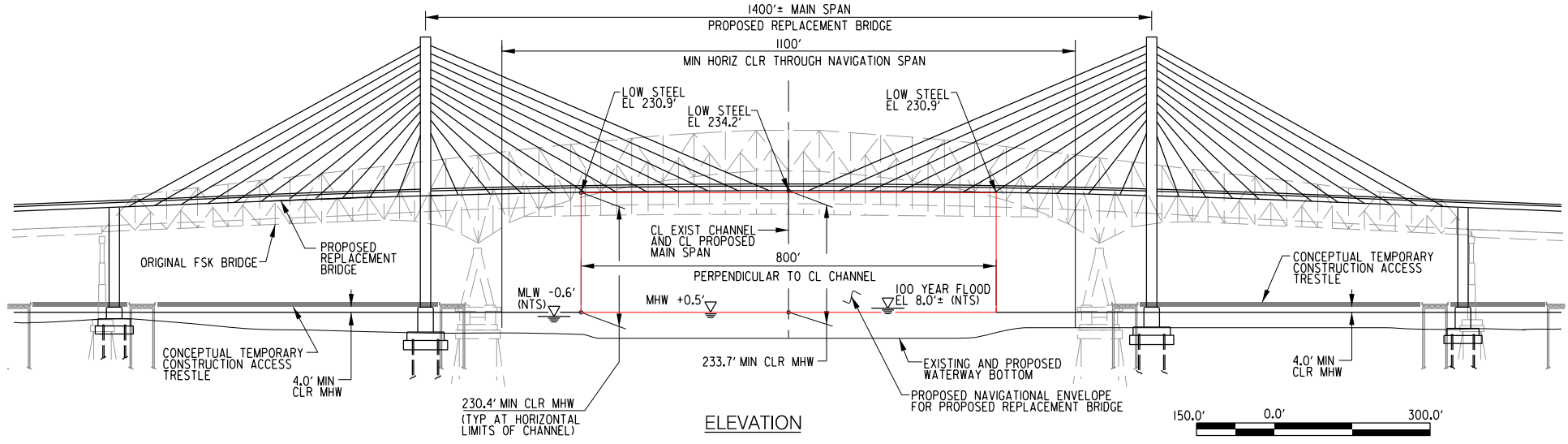
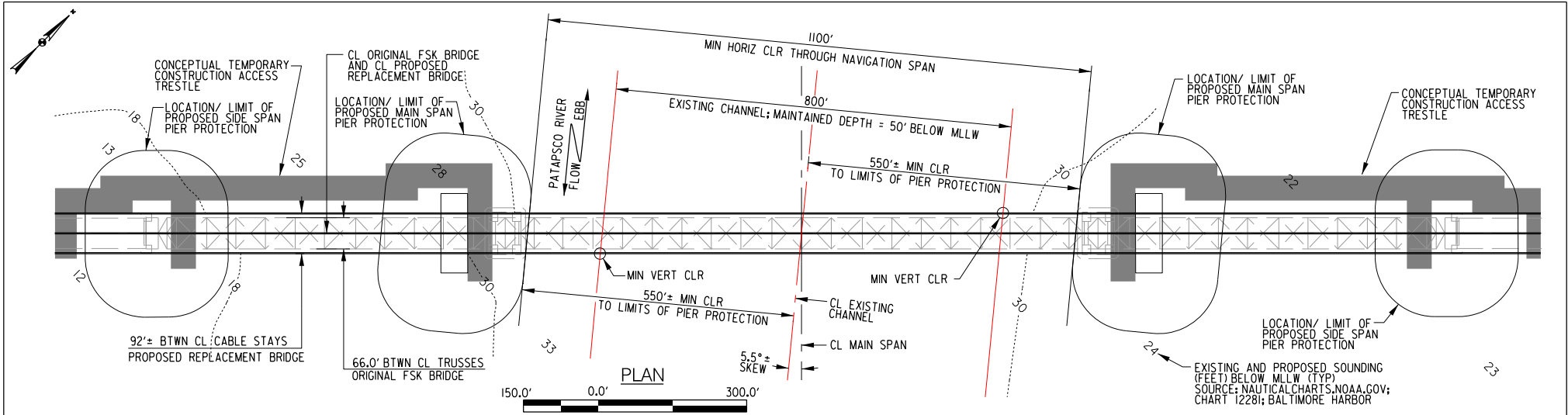
**CONCEPTUAL PLANS UTILIZED FOR COAST GUARD BRIDGE PERMIT**



**PATAPSCO RIVER  
APPROXIMATE MILE MARKER:  
5.2 STATUTE MILES**

FRANCIS SCOTT KEY BRIDGE  
BETWEEN BALTIMORE COUNTY AND BALTIMORE CITY MD

APPLICATION BY MDTA  
CONSULTATION BY WSP / RK&K / JMT



DETAILS AT CHANNEL

CONCEPTUAL PLANS UTILIZED FOR COAST GUARD BRIDGE PERMIT



**PATAPSCO RIVER**  
**APPROXIMATE MILE MARKER:**  
**5.2 STATUTE MILES**

FRANCIS SCOTT KEY BRIDGE  
 BETWEEN BALTIMORE COUNTY AND BALTIMORE CITY MD

APPLICATION BY MDTA  
 CONSULTATION BY WSP / RK&K / JMT  
 10/30/2024

SHEET 2 OF 2