

U.S. Department of  
Homeland Security

United States  
Coast Guard



Commander  
United States Coast Guard  
Fifth Coast Guard District

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16591  
5 SEP 2019

## ***PUBLIC NOTICE D05PN-02-2019***

All interested parties are notified that an application dated August 6, 2019, has been received from the Maryland Transportation Authority by the Commander, Fifth Coast Guard District, for approval of the location and plans for modification of an existing highway, fixed bridge over a navigable waterway of the United States.

**WATERWAY AND LOCATION:** Potomac River, mile 50.0, between Newburg, Charles County, MD and Dahlgren, King George County, VA.

**CHARACTER OF WORK:** The proposed project is to replace the existing bridge that carries US Route 301 over the lower Potomac River. The replacement bridge will be geometrically compatible with the US 301-approach roadway. The navigation span of the bridge will shift 585 feet toward the Virginia shore, while remaining in naturally deep water. The existing bridge will be removed down to two feet below the mudline, except for existing pier numbers 10 and 13 through 20, which will be left in place to function as dolphins and additional pier protection at the navigational span. During construction, a temporary reduction in navigation clearances will be necessary, due to the shift in the location of the navigation span. The purpose of this project is to replace the existing US 301 bridge with a structure that will address capacity limitations and traffic operations, due to an inconsistent typical roadway section, as compared to the US 301 roadway approach. The replacement bridge will improve traffic safety and provide the ability to maintain two-way traffic flow along US 301 during wide-load crossings, incidents, poor weather conditions and while performing bridge maintenance and rehabilitation work.

### **MINIMUM NAVIGATIONAL CLEARANCES:**

<b><u>Existing</u></b>	<b><u>Proposed</u></b>
Vertical Clearance:  135 feet above mean high water	Vertical Clearance:  135 feet above mean high water
Horizontal Clearance: (normal to axis of the channel)  700 feet between the pilings	Horizontal Clearance: (normal to axis of the channel)  250 feet between the pilings

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 an Environmental Assessment (EA) on July 30, 2009, and issued a Finding of No Significant Impact dated February 28, 2019. The USCG has tentatively determined that the environmental documentation approved and issued by the FHWA is adequate for USCG bridge permitting purposes and intends to adopt the bridge-related portions of the EA and issue a USCG FONSI. Environmental documents are available for review at the above address, Monday through Friday (except Federal holidays), from 8 a.m. to 4:30 p.m.

A Water Quality Certificate was issued by the State of Maryland via permit description 18-WQC-0092/201860174 dated January 23, 2019.


The bridge is not located in the floodplain. The 100-year flood level is +9 feet from datum and +9+low steel of the bridge in the navigation span is +140.0 feet from datum.

The bridge construction site lies inside of a designated Coastal Zone Management area. The applicant provided the Maryland Department of the Environment (MDE) with the project location information and a certification of consistency. The MDE issued a finding October 2012, and reevaluation on February 28, 2019, that the project will not pose any effects on coastal uses or resources within the coastal zone.

**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.

Interest 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 **October 4, 2019**.



HAL R. PITTS  
Bridge Program Manager  
By direction

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

Harry W. Nice  
 Lower Potomac River mile 50.0,  
 between Newburg, Charles Co., MD and Dahlgren, King George, Co. VA  
**Public Notice D05PN-02-2019**  
 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 October 4, 2019.

Vessel Information	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: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

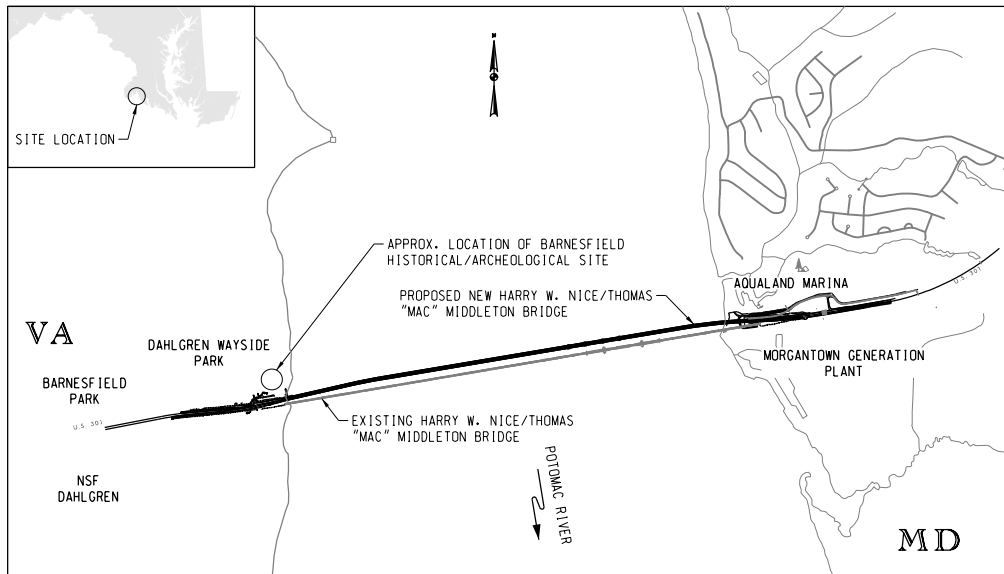
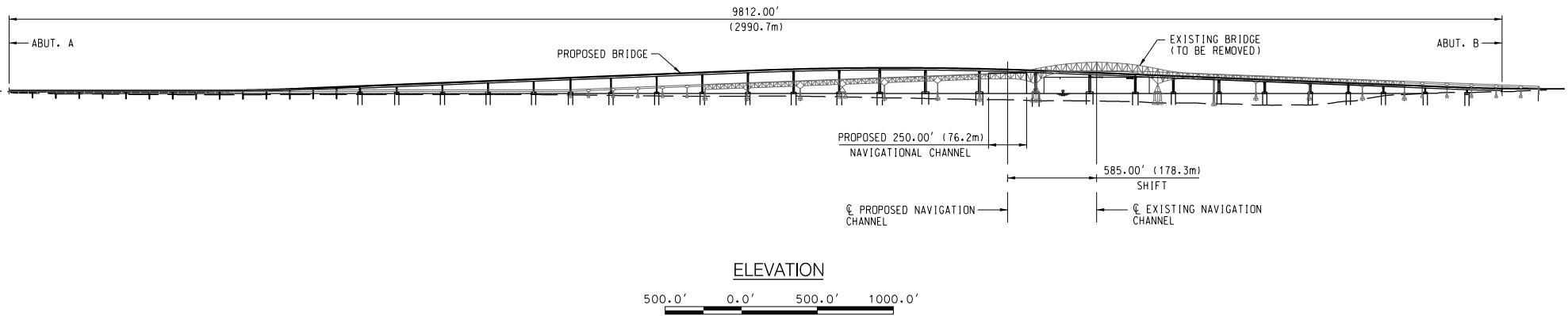
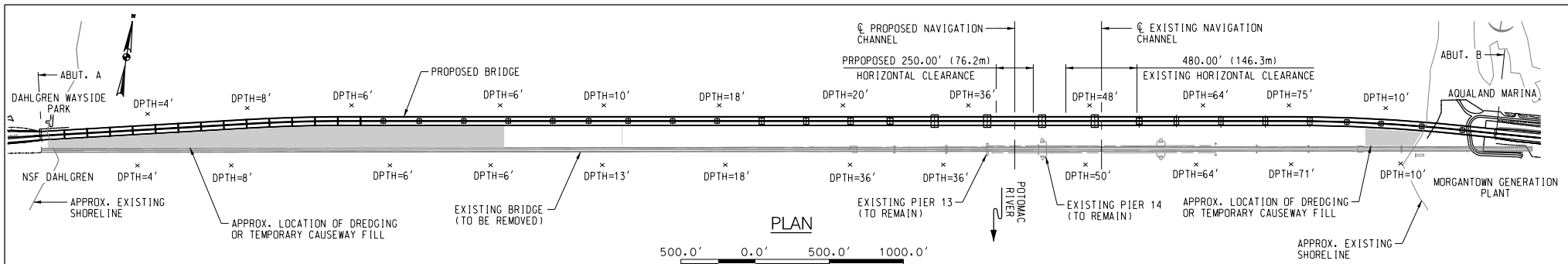
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HORIZONTAL DATUM	NAD 83 / 91
VERTICAL DATUM	NAVD 88

**NOTES:**

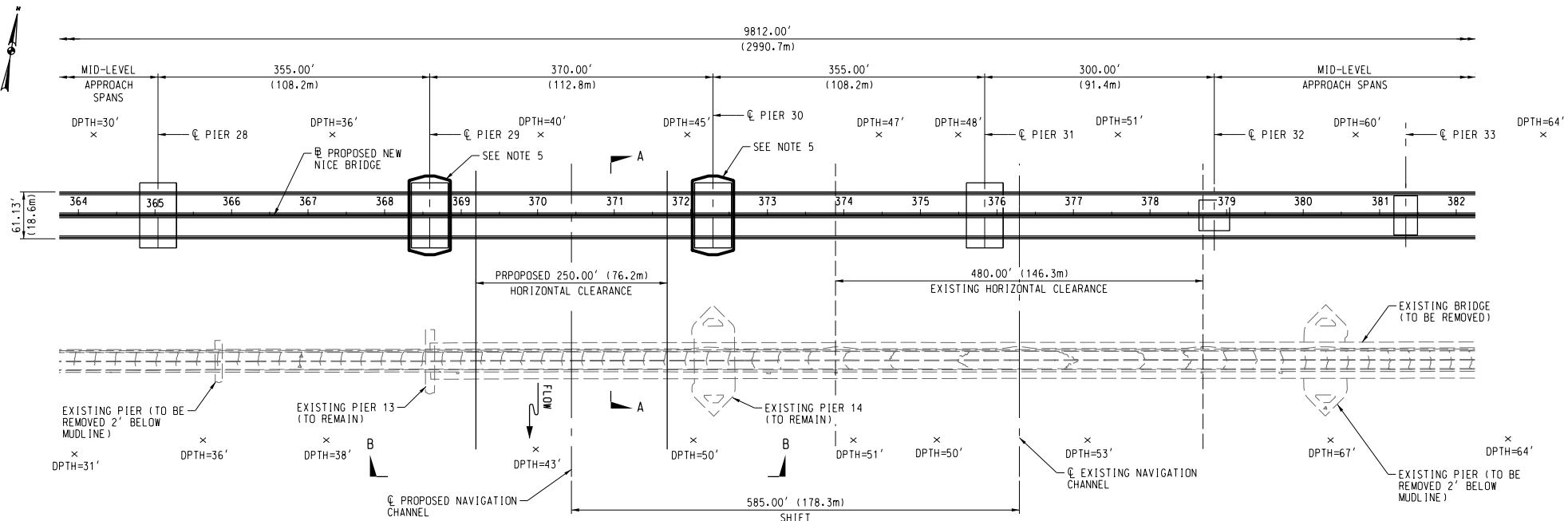
- EXISTING PIERS WILL BE REMOVED DOWN TO 2' BELOW THE MUDLINE OF THE RIVER, EXCEPT FOR EXISTING BRIDGE PIER NOS. 10 AND 13 THROUGH 20, WHICH WILL BE LEFT IN PLACE AND EXTEND APPROXIMATELY 10' ABOVE THE MEAN LOW WATER LINE.
- EXISTING PIERS 13 AND 14 FOR THE EXISTING BRIDGE TO BE USED AS PIER PROTECTION FOR MAIN SPAN PIERS OF THE PROPOSED NEW NICE BRIDGE. EXISTING PIERS 13 AND 14 CONSIST OF SUITABLE MATERIAL FOR PILESUPPORTED CONCRETE DOLPHINS.
- NEW FENDERING SYSTEM WILL BE INSTALLED ON MAIN SPAN PIERS TOWARD THE CHANNEL FOR THE PROPOSED NEW NICE BRIDGE.
- THE MINIMUM NAVIGABLE CHANNEL WIDTH OF 250' WILL BE MAINTAINED BETWEEN THE FENDERS.
- RIVER MILE MARKER BASED ON GEOGRAPHIC DATA PROVIDED BY THE US ARMY CORPS OF ENGINEERS.
- THE ESTIMATED FILL MATERIAL (CONCRETE) BELOW MEAN HIGH WATER TO THE RIVER BED IS 44,940 CUBIC YARDS INCLUDING 44 PIERS.

CONCEPTUAL PLANS UTILIZED FOR COAST GUARD BRIDGE PERMIT

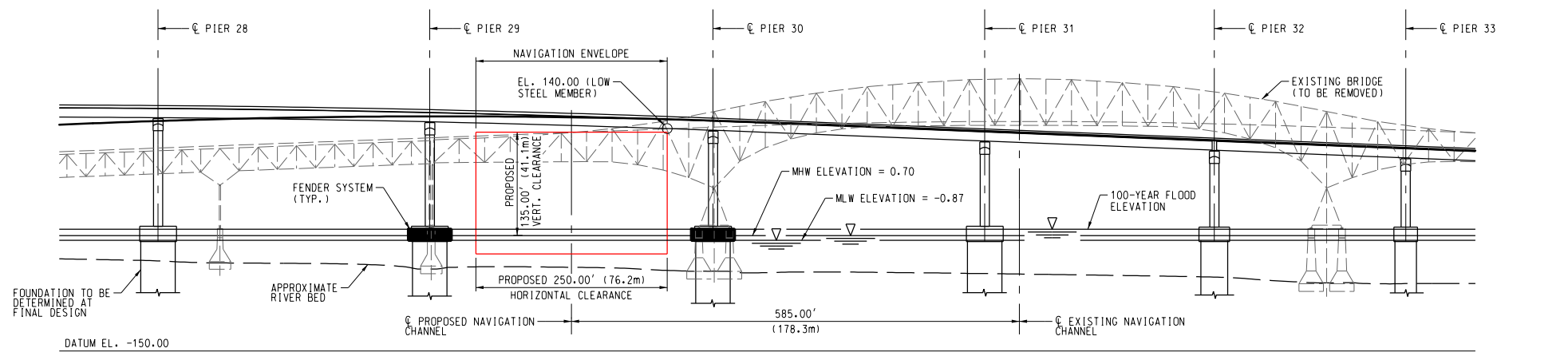


POTOMAC RIVER  
 APPROX. MILE MARKER 50.0

HARRY W. NICE/THOMAS "MAC" MIDDLETON  
 BRIDGE REPLACEMENT OVER POTOMAC RIVER  
 BETWEEN CHARLES COUNTY, MD AND KING GEORGE COUNTY, VA  
 APPLICATION BY MDTA  
 CONSULTATION BY JMT/PB JOINT VENTURE  
 07/12/2019



PLAN



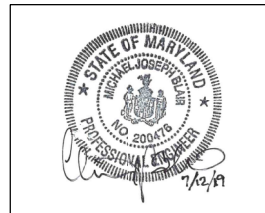
ELEVATION



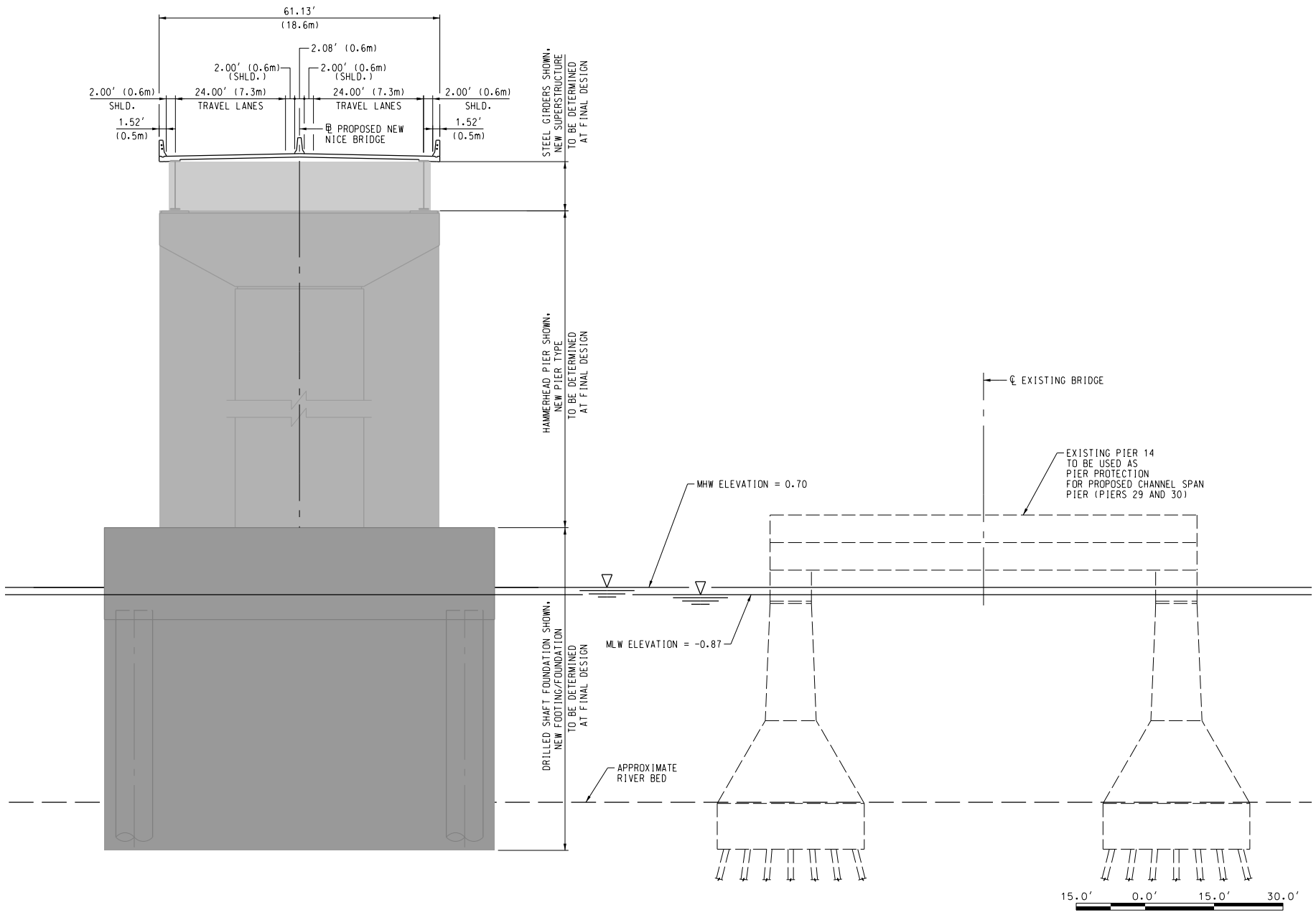
NOTES:

1. THE APPROXIMATE 100-YEAR FLOOD ELEVATION ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) IS 9 FEET AT THE BRIDGE LOCATION (REFERENCED TO THE NAVD 1988 DATUM).
2. EXISTING RIVER BED ELEVATIONS BASED ON 2015 BATHYMETRIC SURVEY.
3. ELEVATIONS BASED ON NAVD 1988 DATUM.
4. EXISTING PIERS 13 AND 14 FOR THE EXISTING BRIDGE TO BE USED AS PIER PROTECTION FOR MAIN SPAN PIERS OF THE PROPOSED NEW NICE BRIDGE. EXISTING PIERS 13 AND 14 ARE OF SUITABLE MATERIAL FOR PILE-SUPPORTED CONCRETE FENDERS.
5. LUMBER DOLPHINS SYSTEMS AND RUB RAILS ARE MARINE GRADE FIBERGLASS REINFORCED PLASTIC COMPOSITE LUMBER.

CONCEPTUAL PLANS UTILIZED FOR COAST GUARD BRIDGE PERMIT

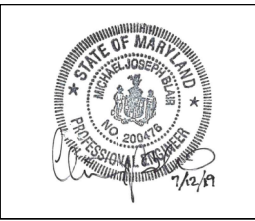


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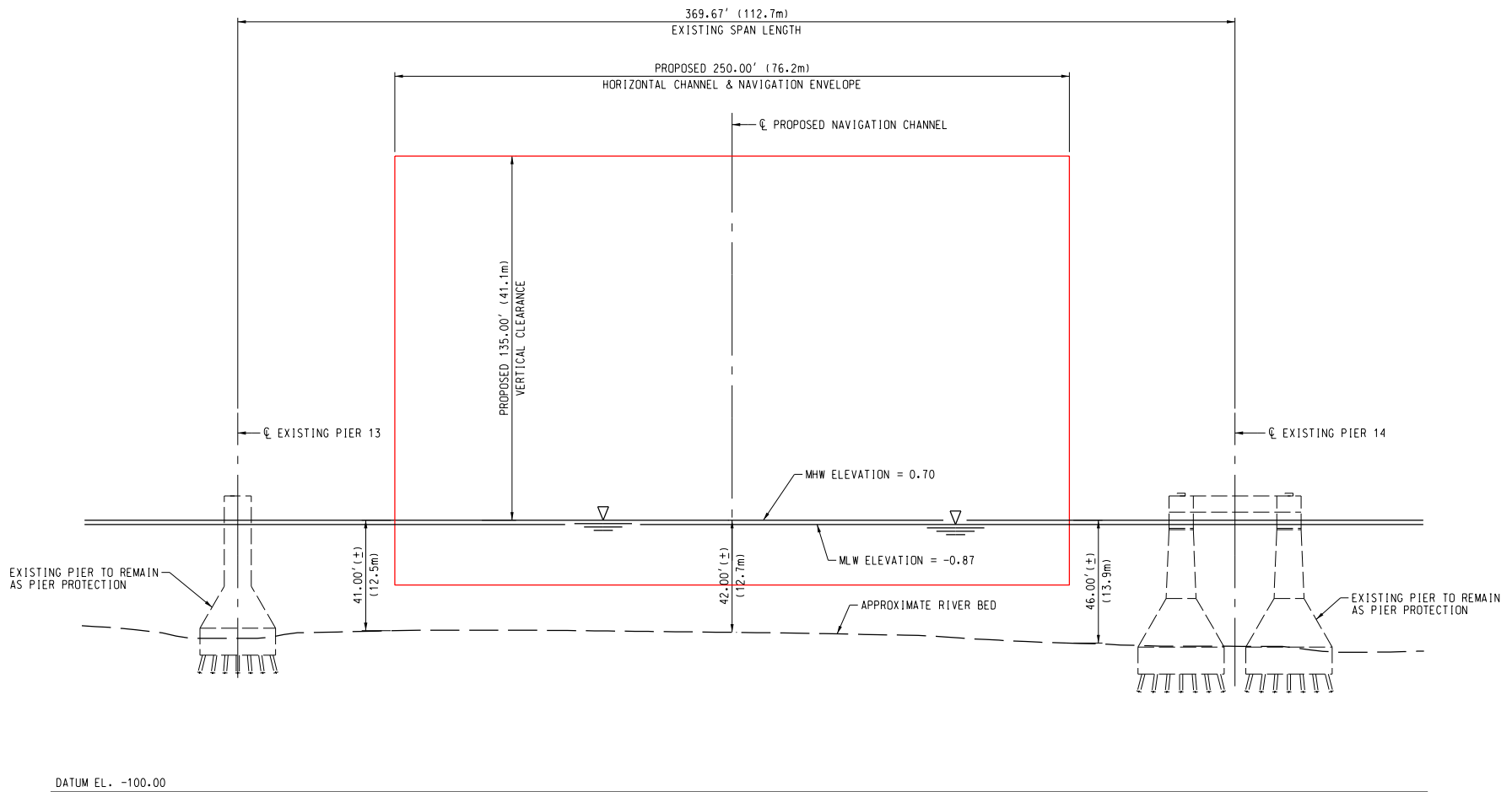
SECTION A-A

CONCEPTUAL PLANS UTILIZED FOR COAST GUARD BRIDGE PERMIT



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SECTION B-B

(EXISTING HARRY W. NICE/THOMAS "MAC" MIDDLETON BRIDGE ONLY)



CONCEPTUAL PLANS UTILIZED FOR COAST GUARD BRIDGE PERMIT



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