



16591
7 SEP 2020

PUBLIC NOTICE D05PN-09-2020

All interested parties are notified that an application dated August 19, 2020, has been received from the Virginia Department of Transportation by the Commander, Fifth Coast Guard District, for approval of the location and plans for construction of new north and south approach bridges for an existing highway fixed bridge and tunnel system over a navigable waterway of the United States.

WATERWAY AND LOCATION: Hampton Roads, mile 0.0, between Norfolk, VA and Hampton, VA.

CHARACTER OF WORK: The proposed project is to construct new I-64/US 60 (Hampton Roads Beltway) north and south approach bridges for the Hampton Roads Bridge Tunnel (HRBT) highway bridge tunnel system connecting Norfolk, VA and Hampton, VA. The existing north approach bridge spans connecting the north island with Hampton, VA will be replaced with a four-lane span to the west and two two-lane spans to the east. The existing south approach bridge spans will be replaced with an eight-lane approach span from Norfolk, VA, which will separate approximately 1,500 feet from the southern end of the south island into a four-lane span to the west and two two-lane spans to the east. The existing north and south approach bridges will be removed in their entirety. The purpose of the project is to relieve congestion at the I-64 HRBT in a manner that improves accessibility, transit, emergency evacuation, and military and goods movement along the primary transportation corridors in the Hampton Roads region, including I-64, I-664, I-564, and VA 164 corridors.

MINIMUM NAVIGATIONAL CLEARANCES:

<u>Existing</u>	<u>Proposed</u>
Vertical Clearance:	Vertical Clearance:
North Approach:	North Approach:
10 feet above mean high water	16 feet above mean high water
South Approach:	South Approach:
10 feet above mean high water	16 feet above mean high water

Horizontal Clearance: (normal to axis of the channel)

North Approach:

45 feet between the pilings

South Approach:

45 feet between the pilings

Horizontal Clearance: (normal to axis of the channel)

North Approach:

80 feet between the pilings

South Approach:

100 feet between the pilings

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

Navigation Span position (s) (center span, center channel) of proposed bridges:

North Approach:

South Approach:

West Structure:

37° 00' 24.12" N, 76° 19' 18.84" W

36° 58' 15.24" N, 76° 18' 03/96" W

East Structure:

37° 00' 24.48" N, 76° 19' 15.60" W

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 the Hampton Roads Crossing Study Environmental Impact Statement (EIS) on March 1, 2001, and issued a Record of Decision (ROD) dated June 4, 2001, the Hampton Roads Expansion Project Supplemental Environmental Impact Statement (SEIS) on April 25, 2017, and issued a Record of Decision (ROD) dated June 12, 2017, and the Hampton Roads Expansion Project Environmental Assessment (EA) on June 7, 2018, and issued a Finding of No Significant Impact (FONSI) dated October 23, 2018. 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 EIS(s) and EA and issue a USCG ROD. 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.

The bridges are not located in the floodplain. The 100-year flood level for the north and south approach bridges is +7.15 feet from datum. The low steel of the North Approach bridge east span is +23.13 feet from datum within the navigation span and west span is +22.38 feet from datum within the navigation span. The low steel of the South Approach bridge span is +23.75 feet from datum within the navigation span.

A water quality certificate was issued by the Virginia Department of Environmental Quality via VWP Individual Permit Number 19-1577 dated June 26, 2020.

The bridge construction site lies inside of a designated Coastal Zone Management area. The applicant provided the Virginia Department of Environmental Quality with the project location information and a certification of consistency. The Virginia Department of Environmental Quality issued a finding on November 5, 2019, 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 **October 7, 2020**.

//s//

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

I-64/US 60 (Hampton Roads Beltway) North and South Approach Bridges
of the Hampton Roads Bridge Tunnel (HRBT)
Hampton Roads, mile 0.0,
between Norfolk, VA and Hampton, VA
Public Notice D05PN-09-2020
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 7, 2020**.

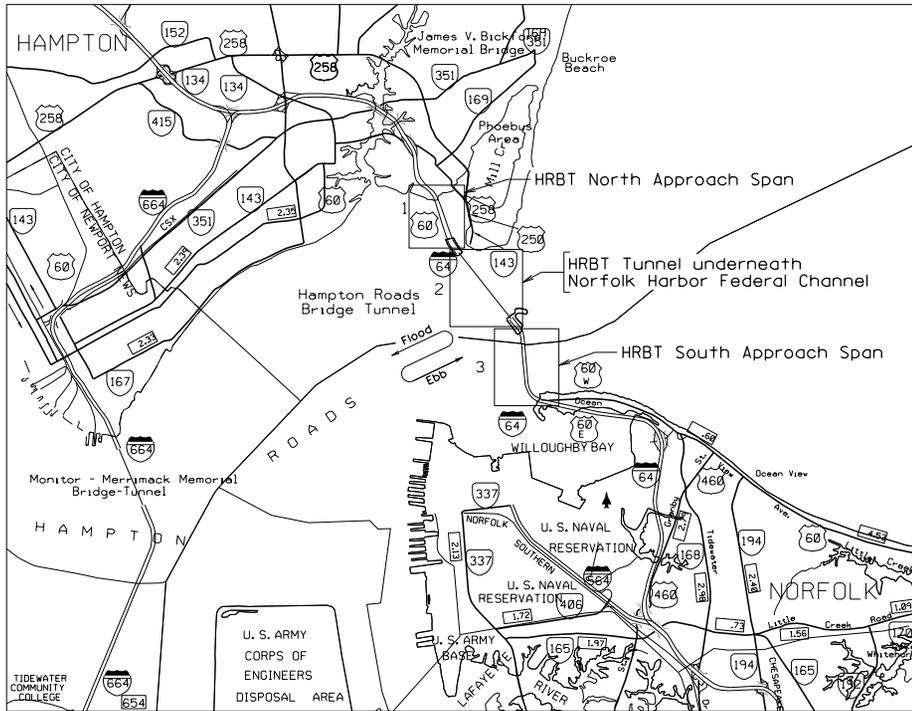
Vessel Information	Please provide all requested information:
Vessel Type	
Use – <i>Commercial and/or Recreational</i>	
Vessel Height	
Draft	
Length	
Beam	
Tonnage	
Mooring Location	

Name (Optional): _____

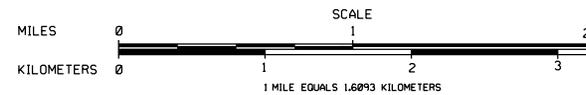
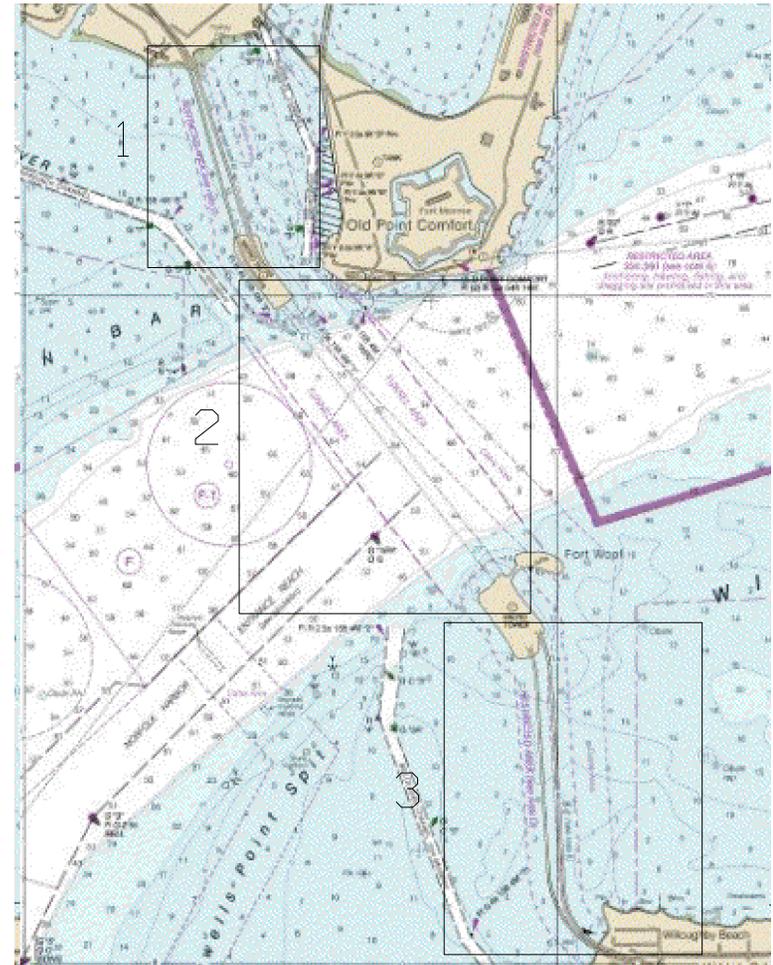
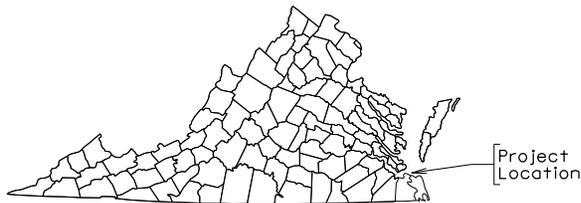
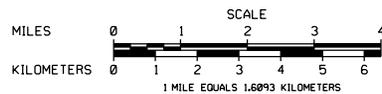
Address (Optional): _____

Phone (Optional): _____

Comments and Recommendations: _____



VICINITY MAP



OVERALL HRBT COMPLEX
VICINITY AND LOCATION

I-64/US 60 (Hampton Roads Beltway)
North and South Approach Spans
River Mile 0.0 over Hampton Roads
Between Hampton, VA and Norfolk, VA

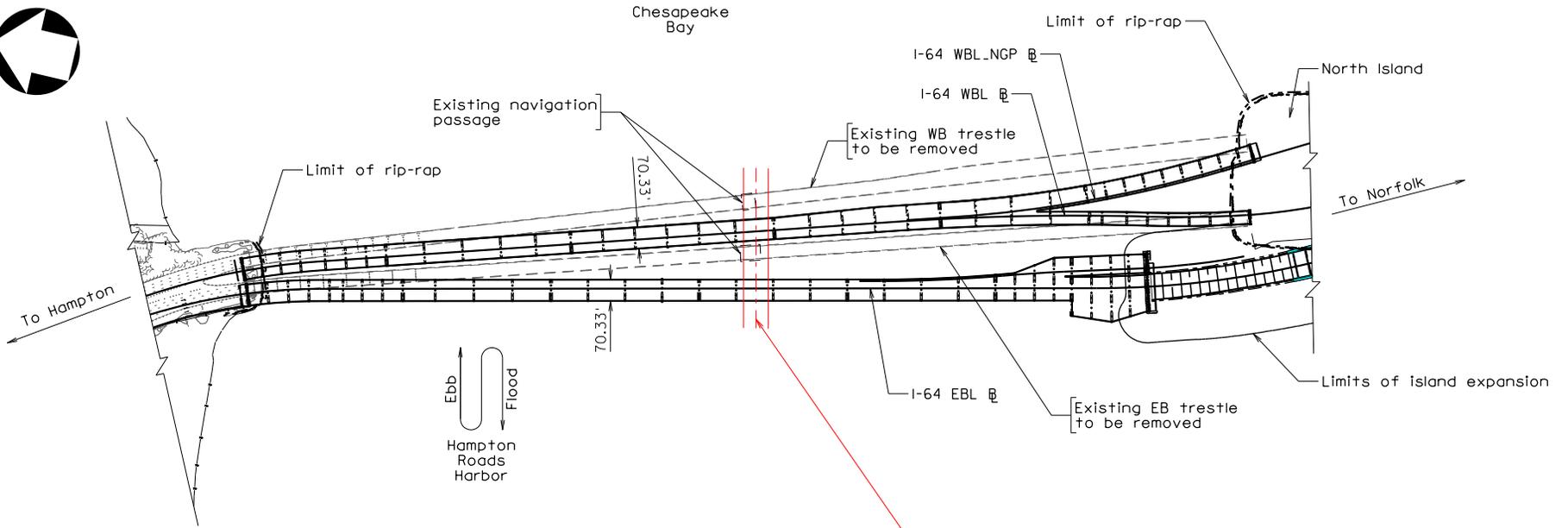
05/29/2020
DATE

Application by Commonwealth of Virginia
Department of Transportation

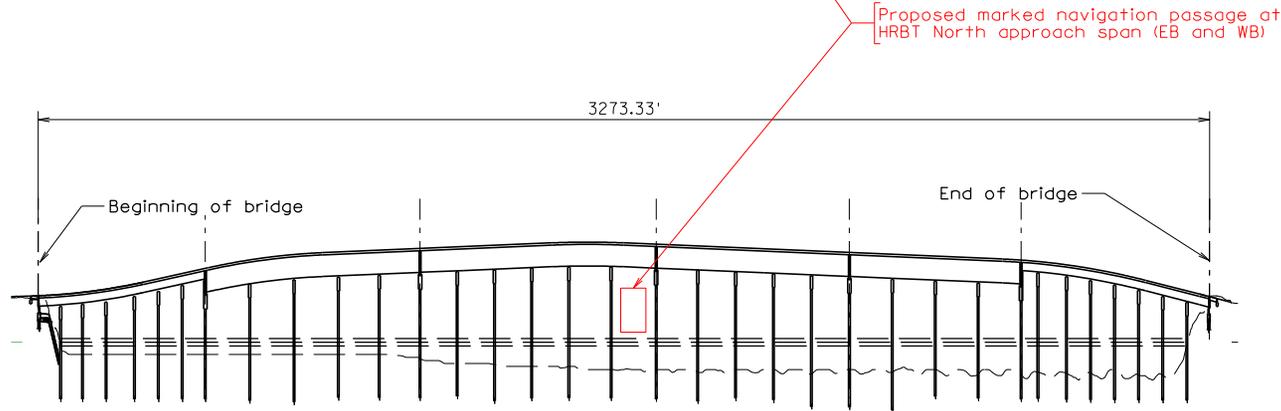
SHEET NUMBER
1 OF 17



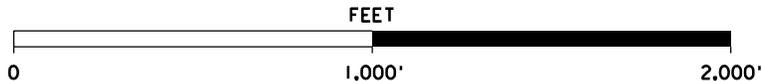
HDR Engineering Inc.
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PLAN



ELEVATION



Note:
 Vertical Datum: NAVD88
 Horizontal Datum: NAD83



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HRBT NORTH APPROACH SPAN
 GENERAL PLAN AND ELEVATION - 1
 HAMPTON TO NORTH ISLAND SECTION

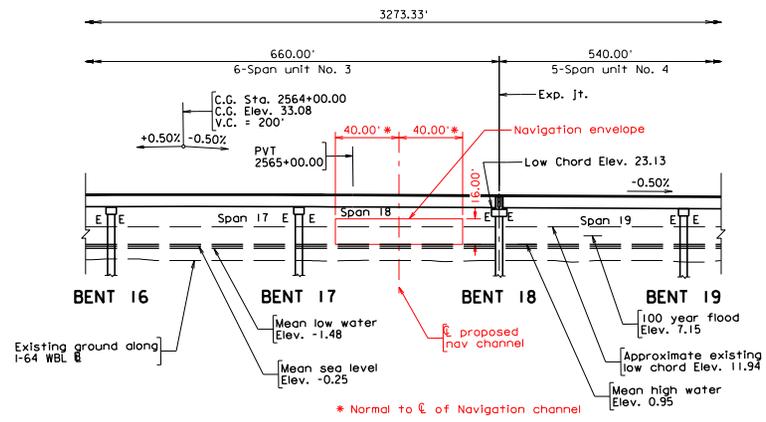
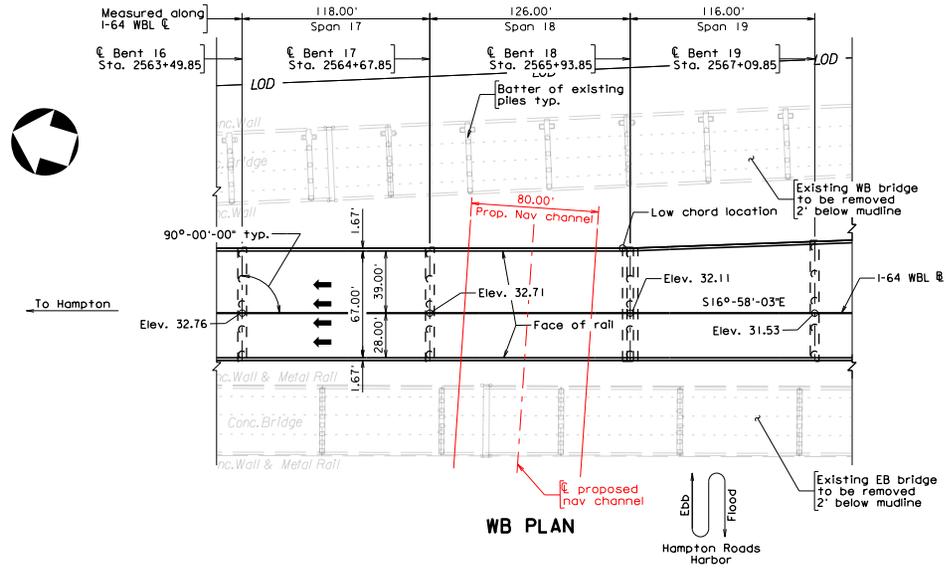
I-64/US 60 (Hampton Roads Beltway)
 North and South Approach Spans
 River Mile 0.0 over Hampton Roads
 Between Hampton, VA and Norfolk, VA

05/29/2020
 DATE

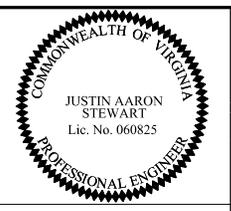
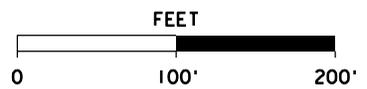
Application by Commonwealth of Virginia
 Department of Transportation

SHEET NUMBER
 2 OF 17





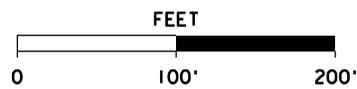
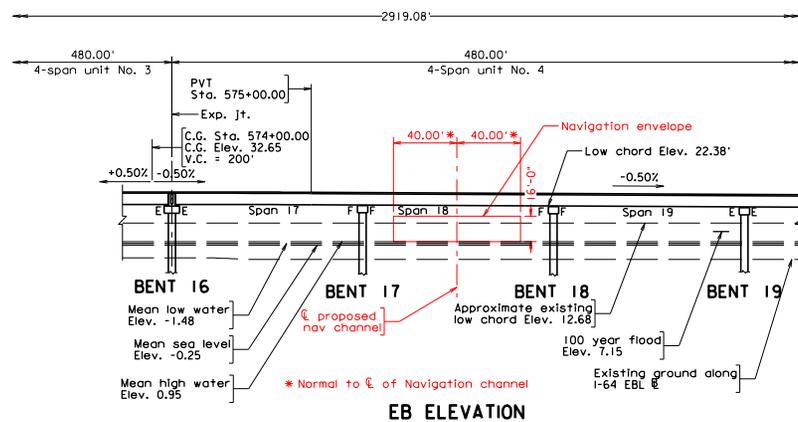
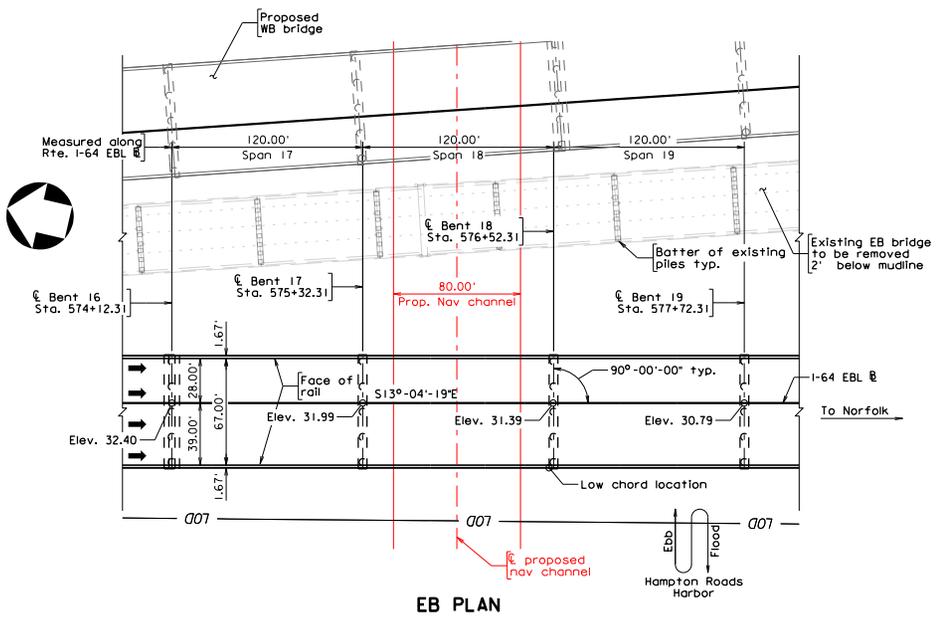
Note:
1. Vertical Datum: NAVD88
2. Horizontal Datum: NAD83



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HRBT North Approach Span GENERAL PLAN AND ELEVATION - 2 NAVIGATION OPENING @ WB SPAN 18	
I-64/US 60 (Hampton Roads Beltway) North and South Approach Spans River Mile 0.0 over Hampton Roads Between Hampton, VA and Norfolk, VA	05/29/2020 DATE
Application by Commonwealth of Virginia Department of Transportation	SHEET NUMBER 3 OF 17





HRBT NORTH APPROACH SPAN
GENERAL PLAN AND ELEVATION - 3
NAVIGATION OPENING @ EB SPAN 18

I-64/US 60 (Hampton Roads Beltway)
North and South Approach Spans
River Mile 0.0 over Hampton Roads
Between Hampton, VA and Norfolk, VA

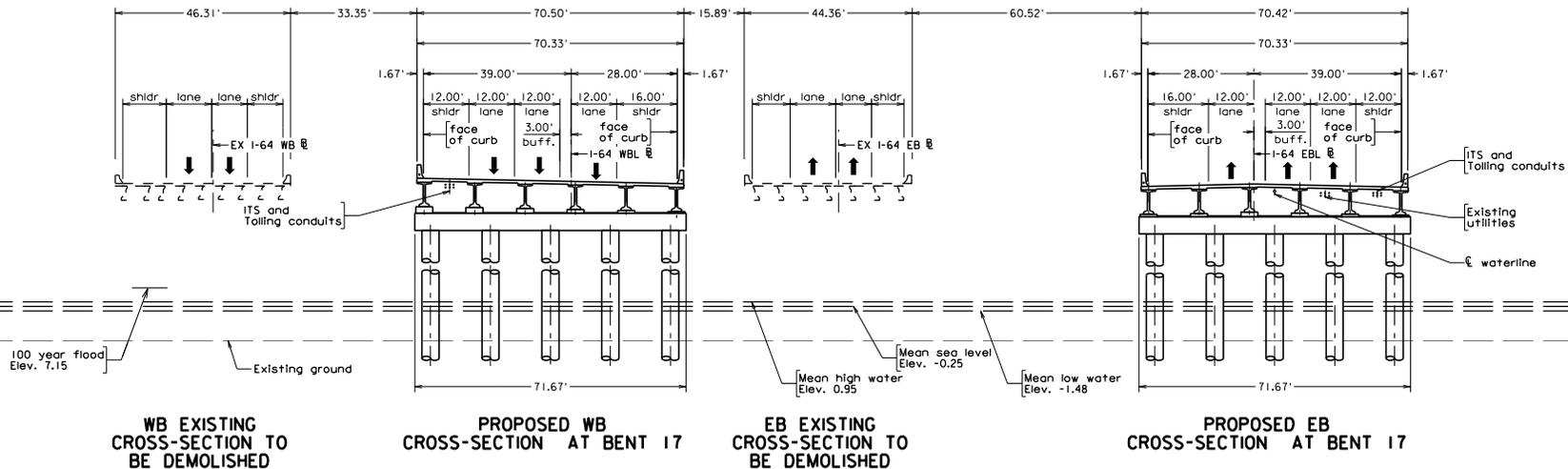
05/29/2020
DATE

Application by Commonwealth of Virginia
Department of Transportation

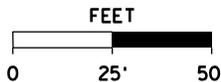
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Note:
 1. Vertical Datum: NAVD88
 2. Horizontal Datum: NAD83



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HRBT NORTH APPROACH SPAN
 EXSITING AND PROPOSED CROSS-SECTIONS AT
 NAVIGATION OPENING @ SPAN 18

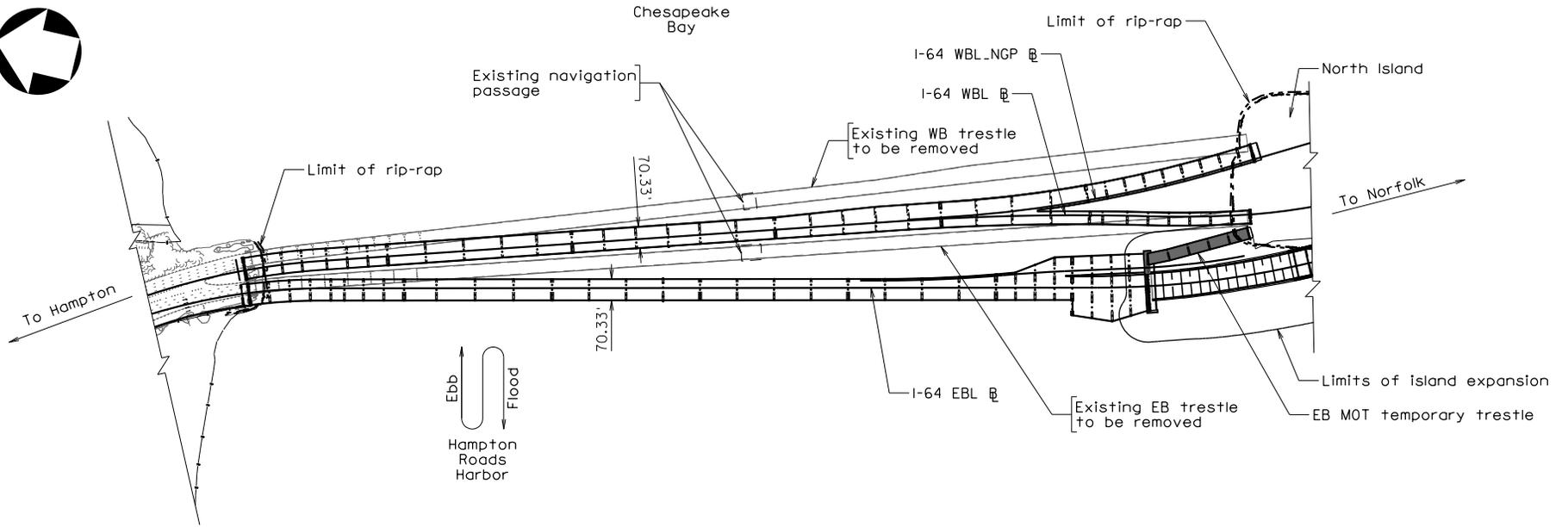
I-64/US 60 (Hampton Roads Beltway)
 North and South Approach Spans
 River Mile 0.0 over Hampton Roads
 Between Hampton, VA and Norfolk, VA

Application by Commonwealth of Virginia
 Department of Transportation

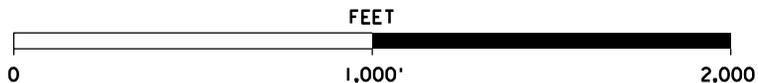
05/29/2020
 DATE

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PLAN



Note:

Vertical Datum: NAVD88
Horizontal Datum: NAD83

MOT = Maintenance of Traffic During Construction



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HRBT NORTH APPROACH SPAN
TEMPORARY MOT STRUCTURES

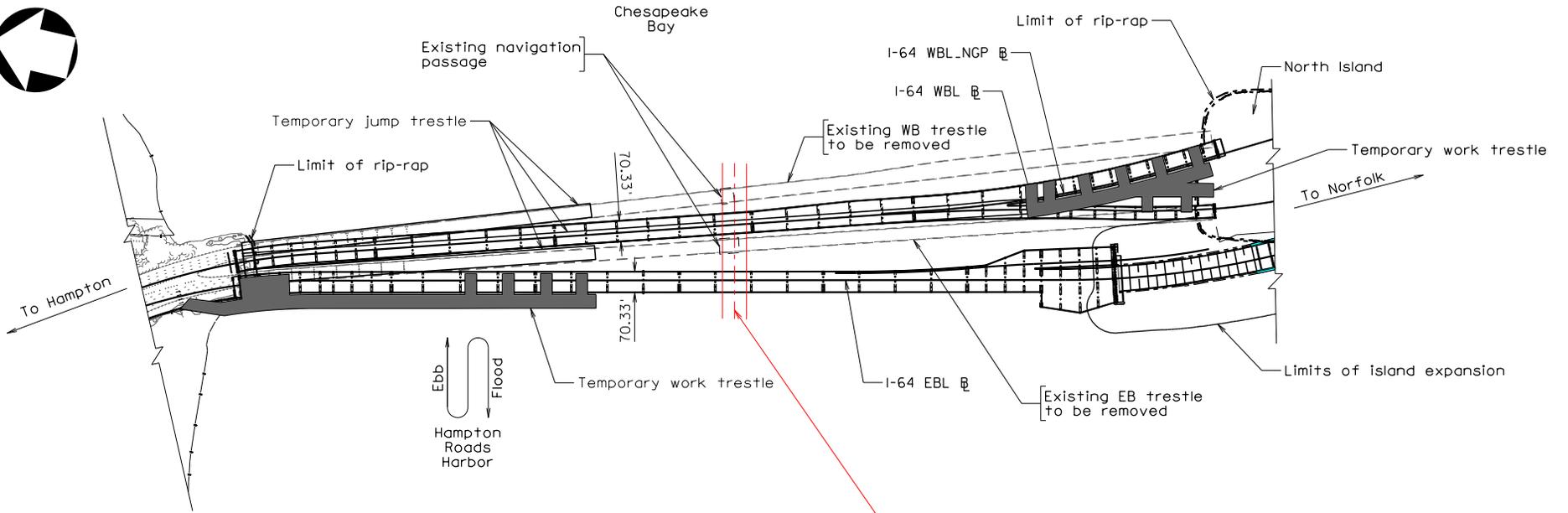
I-64/US 60 (Hampton Roads Beltway)
North and South Approach Spans
River Mile 0.0 over Hampton Roads
Between Hampton, VA and Norfolk, VA

05/29/2020
DATE

Application by Commonwealth of Virginia
Department of Transportation

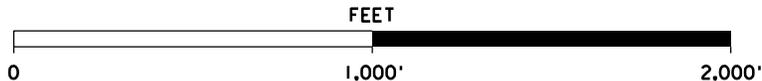
SHEET NUMBER
6 OF 17





PLAN

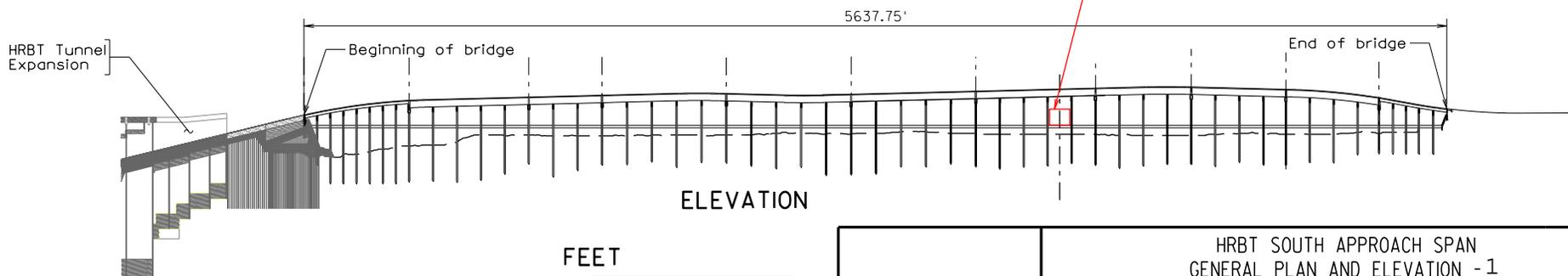
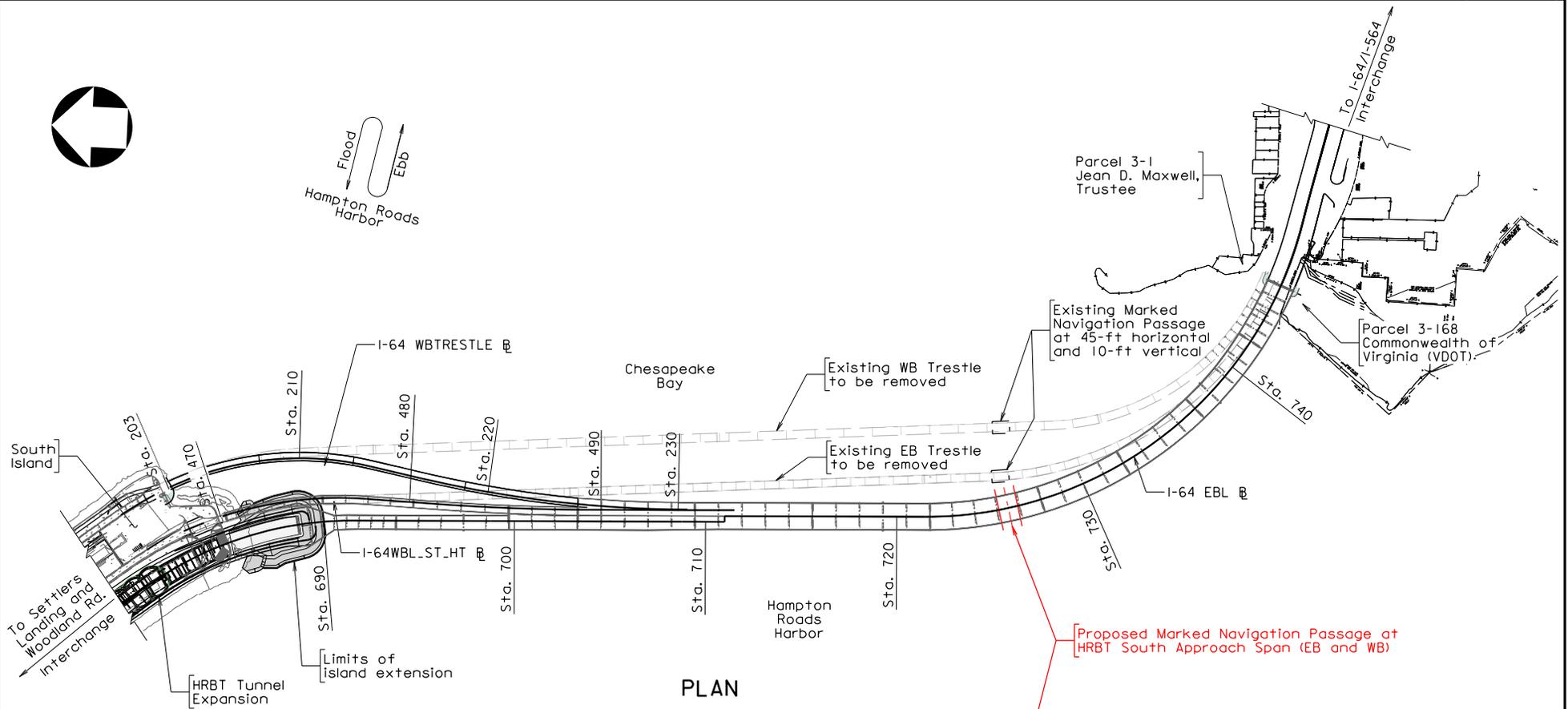
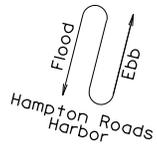
Proposed marked navigation passage at
HRBT North approach span (EB and WB)



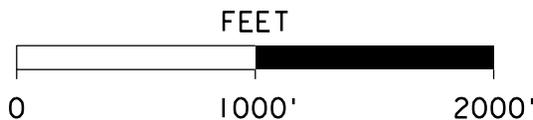
Note:
Vertical Datum: NAVD88
Horizontal Datum: NAD83

FOR REFERENCE ONLY	HRBT NORTH APPROACH SPAN TEMPORARY WORK STRUCTURES HAMPTON TO NORTH ISLAND SECTION	
	I-64/US 60 (Hampton Roads Beltway) North and South Approach Spans River Mile 0.0 over Hampton Roads Between Hampton, VA and Norfolk, VA	05/29/2020 DATE
Application by Commonwealth of Virginia Department of Transportation		SHEET NUMBER 7 OF 17





- NOTES:
- Vertical Datum: NAVD88
 - Horizontal Datum: NAD83



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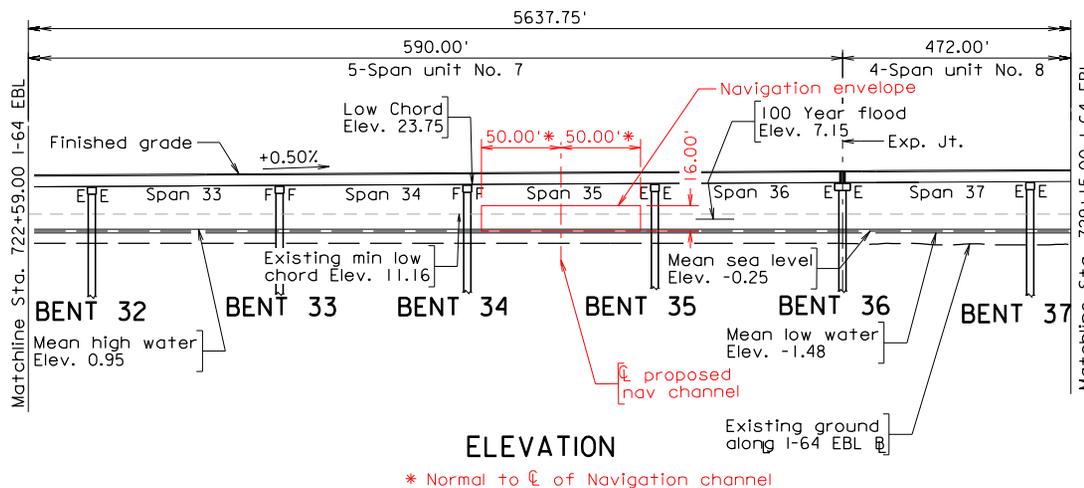
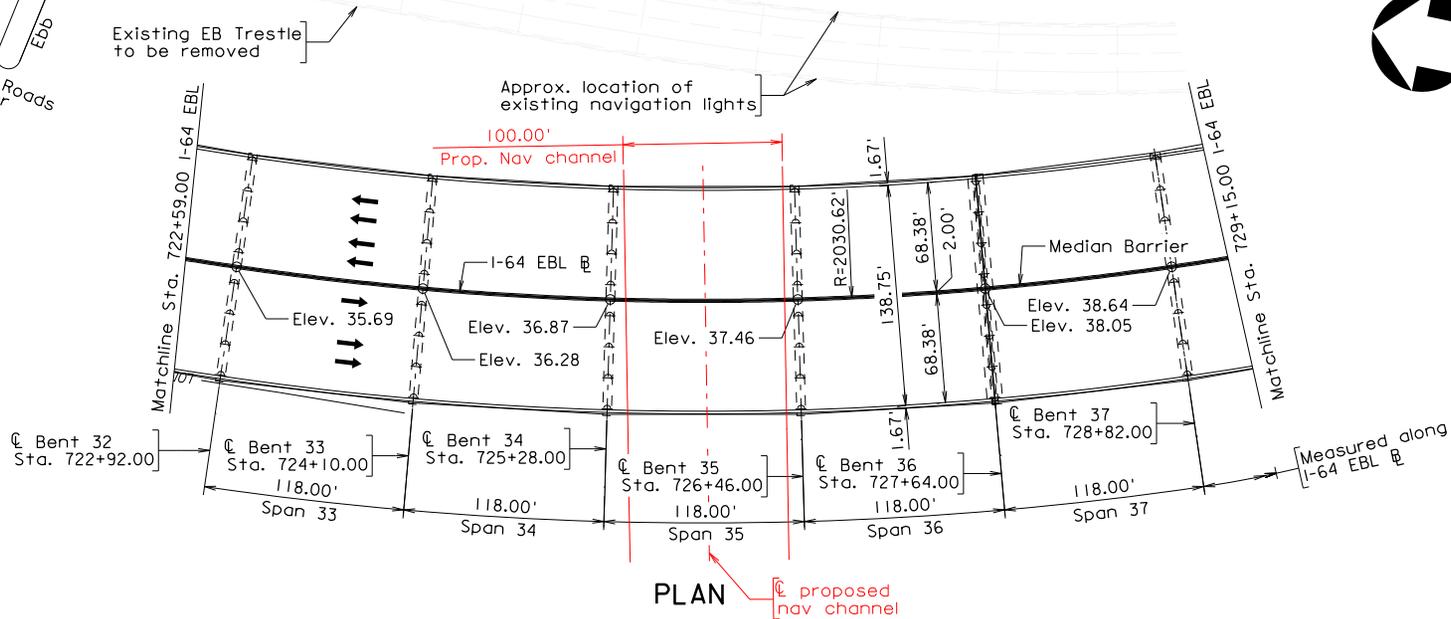
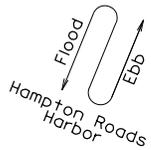
HRBT SOUTH APPROACH SPAN
GENERAL PLAN AND ELEVATION -1
SOUTH ISLAND TO NORFOLK SECTION

I-64/US 60 (Hampton Roads Beltway)
North and South Approach Spans
River Mile 0.0 over Hampton Roads
Between Hampton, VA and Norfolk, VA

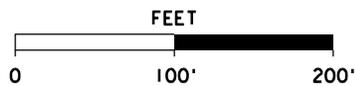
Application by Commonwealth of Virginia
Department of Transportation

05/29/2020
DATE

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- NOTES:
1. Vertical Datum: NAVD88
 2. Horizontal Datum: NAD83



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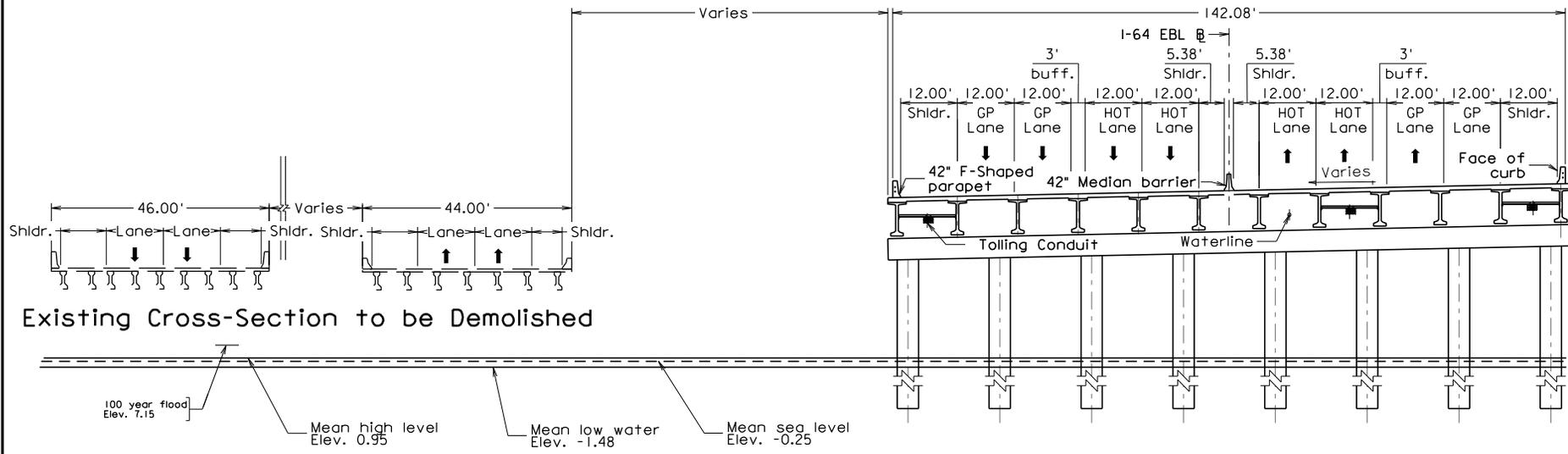
HRBT SOUTH APPROACH SPAN
GENERAL PLAN AND ELEVATION - 2
NAVIGATION OPENING @ SPAN 35

I-64/US 60 (Hampton Roads Beltway)
North and South Approach Spans
River Mile 0.0 over Hampton Roads
Between Hampton, VA and Norfolk, VA

Application by Commonwealth of Virginia
Department of Transportation

05/29/2020
DATE

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13 OF 17

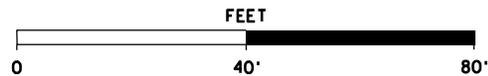


Existing Cross-Section to be Demolished

Proposed Cross-Section at Span 35
Sta. 725+48.00 to Sta. 726+46.00

100 year flood Elev. 7.15
Mean high level Elev. 0.95
Mean low water Elev. -1.48
Mean sea level Elev. -0.25

- NOTES:
1. Vertical Datum: NAVD88
 2. Horizontal Datum: NAD83



HRBT SOUTH APPROACH SPAN
EXISTING AND PROPOSED CROSS-SECTIONS AT
NAVIGATION OPENING @ SPAN 35

I-64/US 60 (Hampton Roads Beltway)
North and South Approach Spans
River Mile 0.0 over Hampton Roads
Between Hampton, VA and Norfolk, VA

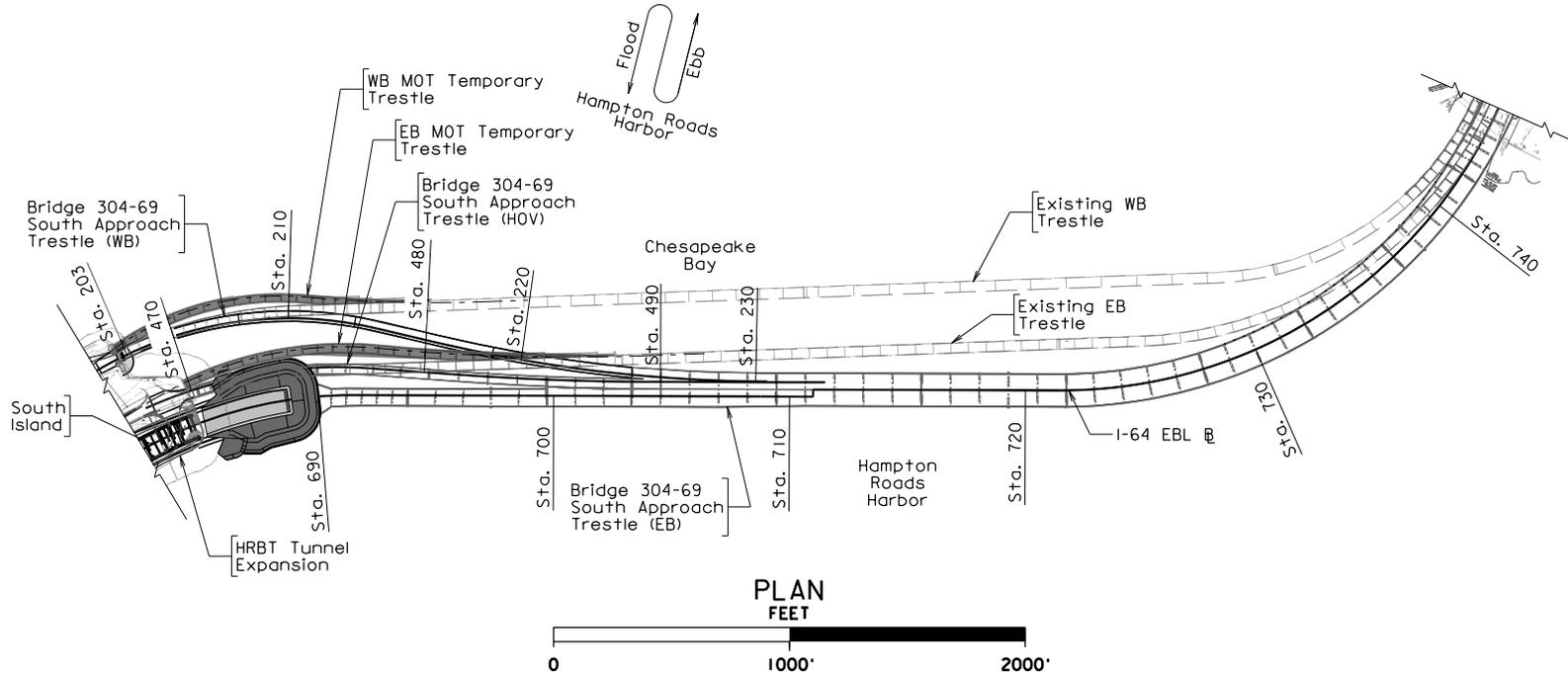
05/29/2020
DATE

Application by Commonwealth of Virginia
Department of Transportation

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MOT = Maintenance of Traffic During Construction



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HRBT SOUTH APPROACH SPAN
TEMPORARY MOT STRUCTURES

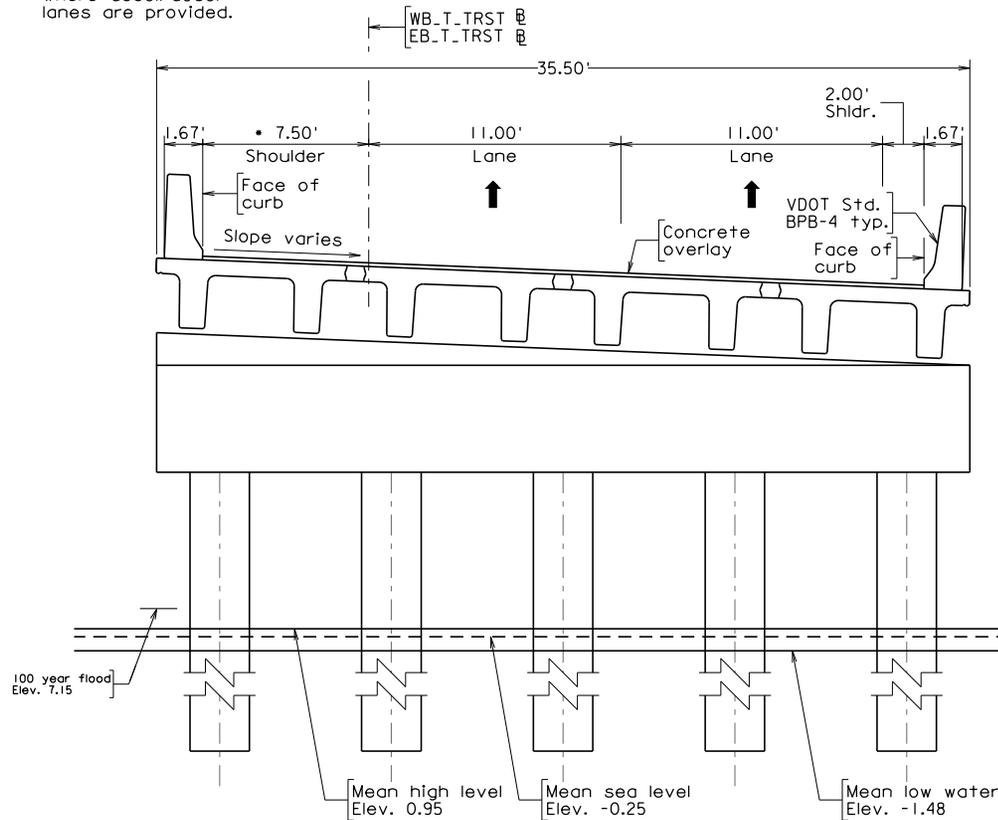
I-64/US 60 (Hampton Roads Beltway)
North and South Approach Spans
River Mile 0.0 over Hampton Roads
Between Hampton, VA and Norfolk, VA

Application by Commonwealth of Virginia
Department of Transportation

05/29/2020
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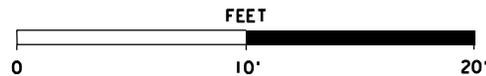
- Shoulder width increases to 12' where accel/decel lanes are provided.



TYPICAL CROSS-SECTION OF MOT TRESTLE

NOTES:

- Vertical Datum: NAVD88
- Horizontal Datum: NAD83



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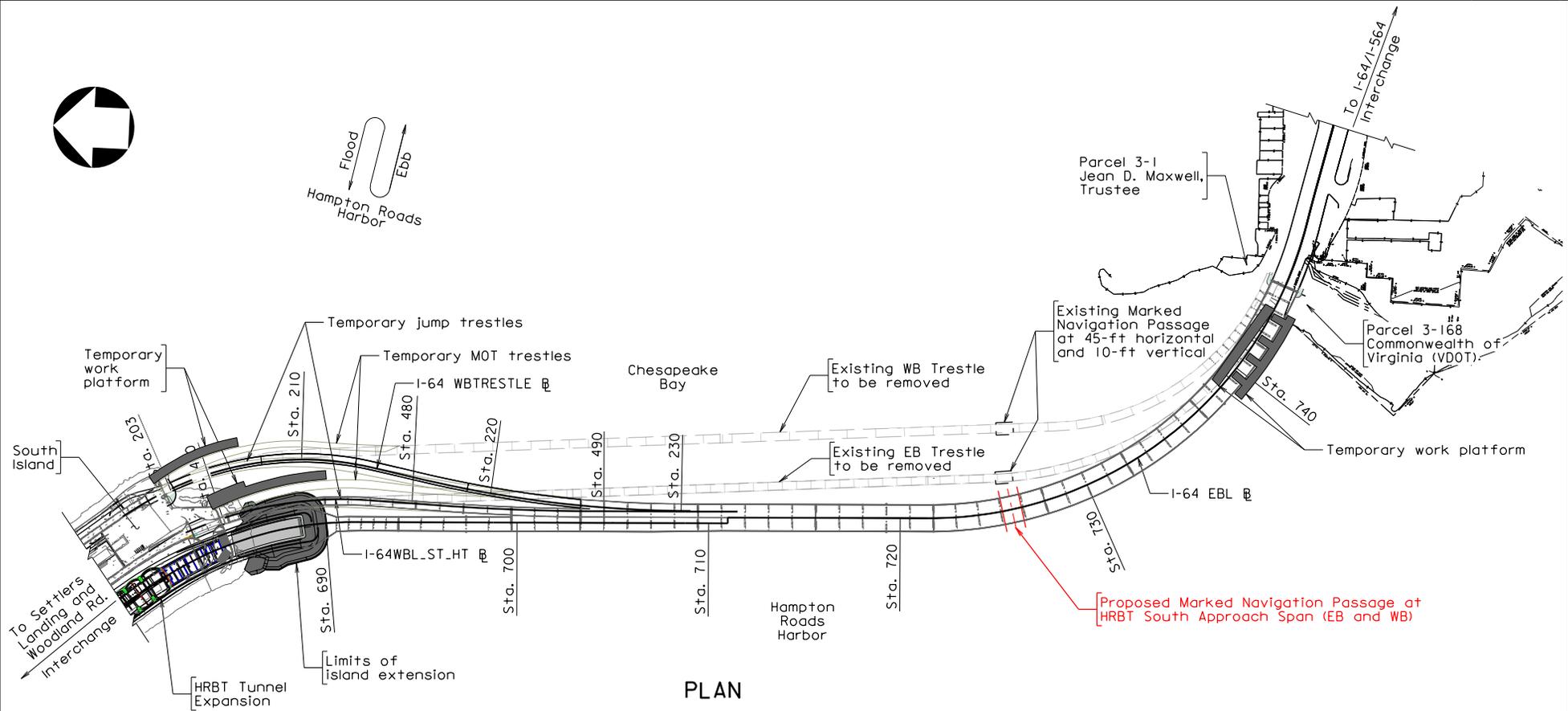
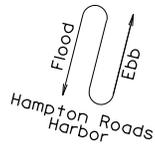
HRBT OVERALL COMPLEX
TYPICAL CROSS-SECTION OF TEMPORARY MOT TRESTLE

I-64/US 60 (Hampton Roads Beltway)
North and South Approach Spans
River Mile 0.0 over Hampton Roads
Between Hampton, VA and Norfolk, VA

Application by Commonwealth of Virginia
Department of Transportation

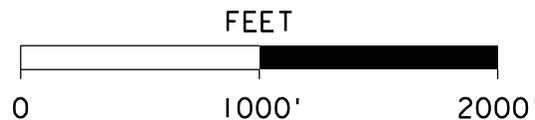
05/29/2020
DATE

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PLAN

- NOTES:
1. Vertical Datum: NAVD88
 2. Horizontal Datum: NAD83



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TEMPORARY MOT STRUCTURES
AND TEMPORARY WORK STRUCTURES

I-64/US 60 (Hampton Roads Beltway)
North and South Approach Spans
River Mile 0.0 over Hampton Roads
Between Hampton, VA and Norfolk, VA

04/30/2020
DATE

Application by Commonwealth of Virginia
Department of Transportation

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