



16591
JAN 10 2013

PUBLIC NOTICE 5-1284

TO WHOM IT MAY CONCERN: All interested parties are notified that the Commander Fifth Coast Guard District has received an application from the City of Virginia Beach, VA (the City) for the proposed replacement of a bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Across Lynnhaven Inlet, at mile 0.0, along US 60, at Virginia Beach, VA.

CHARACTER OF WORK: The City proposes, under the Lesner Bridge Replacement Project, to construct a new high-level fixed concrete segmental, 4 lane bridge, along the existing alignment of the John A. Lesner Bridge. The City will completely remove the existing in-water bridge piles. Most of the proposed bridge replacement can be built within existing right of way and would accommodate two 53-foot 8-inch bridges (eastbound and westbound). The bridge superstructure will be built using precast concrete segmental box girder sections, while the foundation and pier construction will utilize drilled shafts, cast-in-place footings, and cast-in-place pier columns. The dredged material placement site located southwest of the bridge, adjacent to the boat ramp facility, is owned by the City and will be used as a staging area. The contractor will access the lay down and staging area via water through a proposed temporary bulkhead. The bridge has been designed for the force of a barge impact; however, a fender system with a 150' horizontal clearance will be provided for the protection of vessels.

MINIMUM NAVIGATIONAL CLEARANCES:

<u>Existing</u>	<u>Proposed</u>
Vertical Clearance – 35 feet above mean high water	Vertical Clearance – 45 feet above mean high water
Horizontal Clearance – 84 feet between face of the fenders	Horizontal Clearance – 150 feet between face of the fenders

ENVIRONMENTAL CONSIDERATIONS: The Federal Highways Administration (FHWA) is the lead federal agency for this project. For compliance under the National Environmental Policy Act, an Environmental Assessment (EA) was approved by FHWA on October 1, 2009 and a Finding of No Significant Impact (FONSI) was issued on November 4, 2011. The documents are available for review at the office of the Commander (dpb), Fifth Coast Guard District Federal Building, on the 1st Floor, at 431 Crawford Street, in Portsmouth, VA 23704-5004. The 100-year flood elevation is 9.6 feet. The Lynnhaven Inlet is under the jurisdiction of the VA Department of Environmental Quality (VDEQ) for approval of the state Water Quality Certificate.

ENDANGERED/THREATENED SPECIES: Initial review of species during the EA process resulted in a determination that there would be no adverse effect on known threatened and

endangered species or their habitat within the project site. National Marine Fisheries Service (NMFS) confirmed this finding on September 24, 2009. Additional consultation with the US Fish and Wildlife Service and Virginia Department of Game and Inland Fisheries is ongoing.

HISTORIC PROPERTIES: The Department of Historic Resources had determined on June 24, 2009 that there will be no historic properties impacted by the replacement. This finding of effect was reaffirmed on May 18, 2012.

WETLANDS: The proposed project will temporarily impact 0.14 acres of tidal non-vegetated wetlands. Additionally, 0.86 acres of subaqueous land, adjacent to Crab Creek, will be dredged to facilitate construction. Permission to impact wetlands is being obtained through the Joint Permit Application (JPA) process. A Coastal Zone Management (CZM) consistency determination is currently under review by VDEQ.

ESSENTIAL FISH HABITAT (EFH): The Lynnhaven Inlet contains EFH for eggs, larvae, juvenile and/or adult life stages of 19 species, including Red Hake, Windowpane Flounder, Atlantic Herring, Bluefish, Atlantic Butterfish, Summer Flounder, Scup, Black Sea Bass, King Mackerel, Spanish Mackerel, Cobia, Red Drum, Sand Tiger Shark, Atlantic Sharpnose Shark, Dusky Shark, Sandbar Shark, Clearnose Skate, Little Skate, and Winter Skate. The habitat which this project would affect consists of shallow water and intertidal wetlands. An August 18, 2009 letter from NMFS concluded that the project is not likely to adversely affect any listed species under NMFS jurisdiction. Additional consultation with NMFS has been reinitiated and an addendum to the 2009 EFH assessment was submitted.

ENVIRONMENTAL JUSTICE: Based upon environmental documentation submitted for this project, it appears that the proposed bridge project will have no adverse environmental justice impacts upon minority and low-income populations. Information and data contrary to this no-adverse-impact position should be submitted in response to this notice.

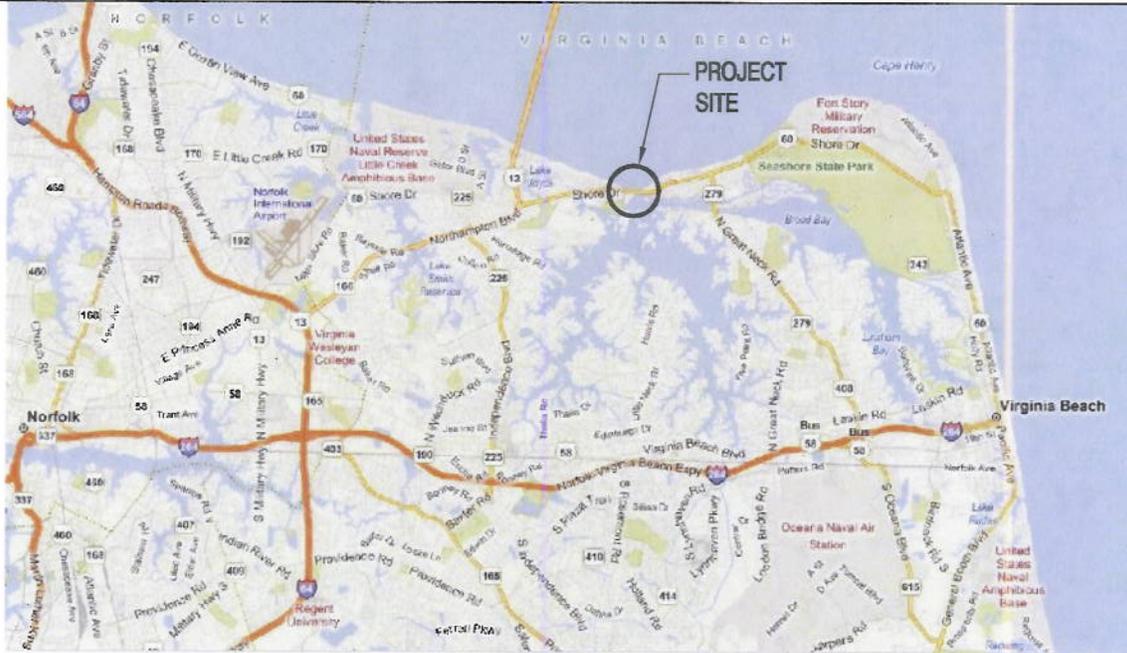
SOLICITATION OF COMMENTS: Interested parties are requested to express their views, in writing, on the proposed construction of the replacement bridge giving sufficient detail to establish a clear understanding of their reasons for support of or opposition to the proposed project. Comments will be received for the record at the office of the Commander (dpb), Fifth Coast Guard District, Federal Building, 431 Crawford Street, Portsmouth, VA 23704-5004 through FEB 10 2013.

Copies of location maps and plans are attached.

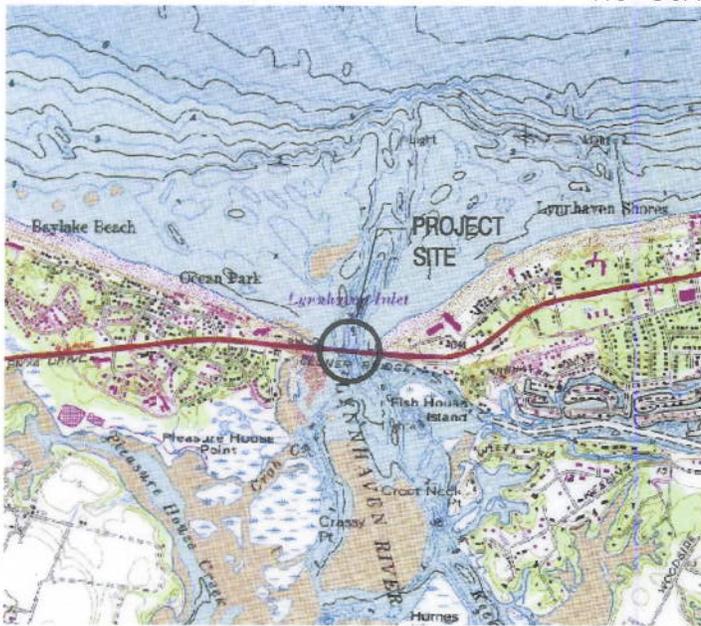
//s//

WAVERLY W. GREGORY, JR.
Bridge Program Manager
By direction of the Commander
Fifth Coast Guard District

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.



VICINITY MAP
NO SCALE



LOCATION MAP
NO SCALE



VICINITY MAP COURTESY OF DELORME STREET ATLAS USA 2002.

LOCATION MAP COURTESY OF USGS AND NATIONAL OCEAN SERVICE 1986.

VICINITY MAP AND LOCATION MAP

LESNER BRIDGE REPLACEMENT

DATE: DECEMBER 2012

IN: LYNNHAVEN INLET

CITY OF: VIRGINIA BEACH STATE: VA

APPLICATION BY: CITY OF VIRGINIA BEACH

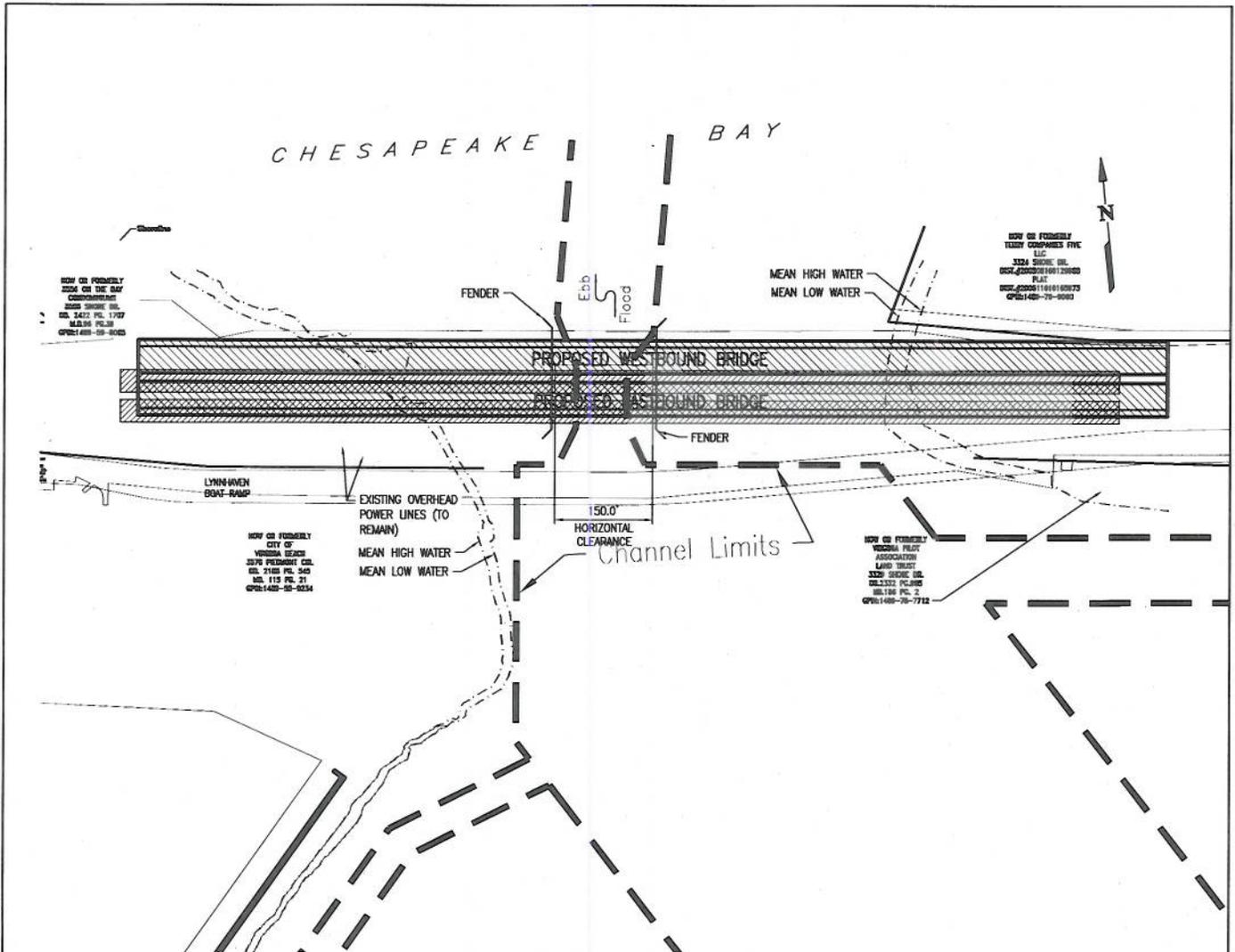
AGENT: MAP Environmental Inc.

SHEET 1 OF 5

SKC-1

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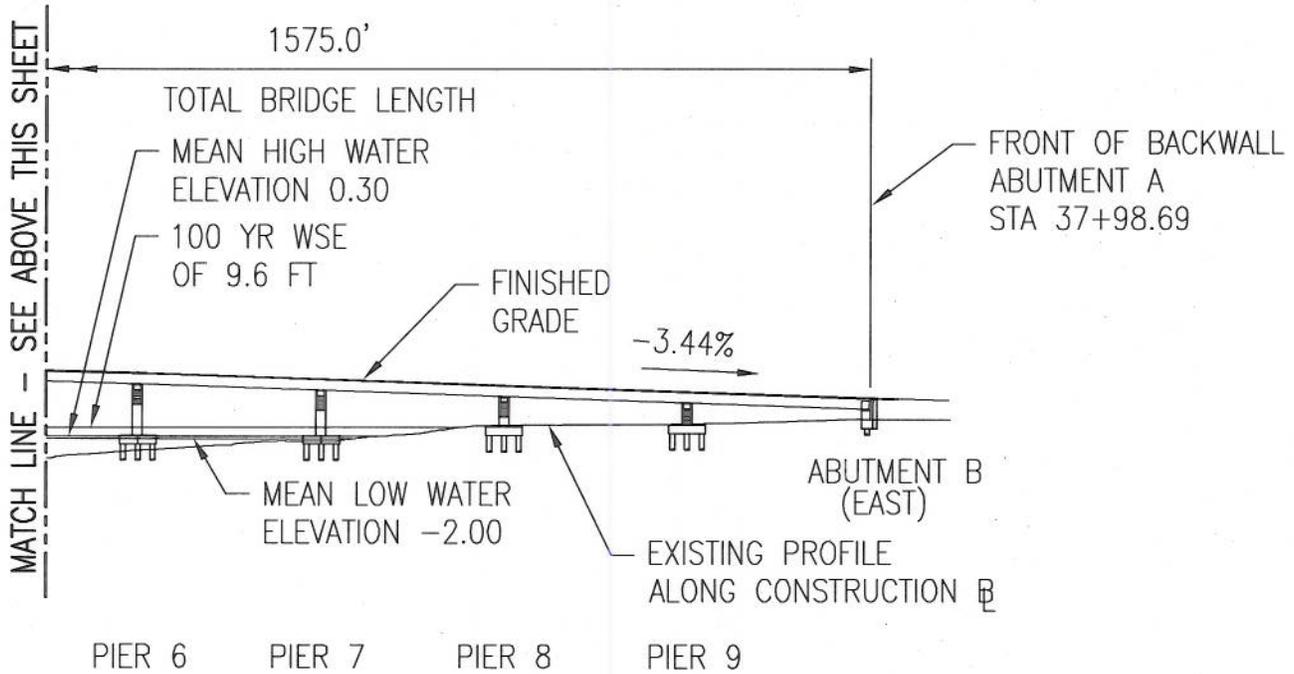
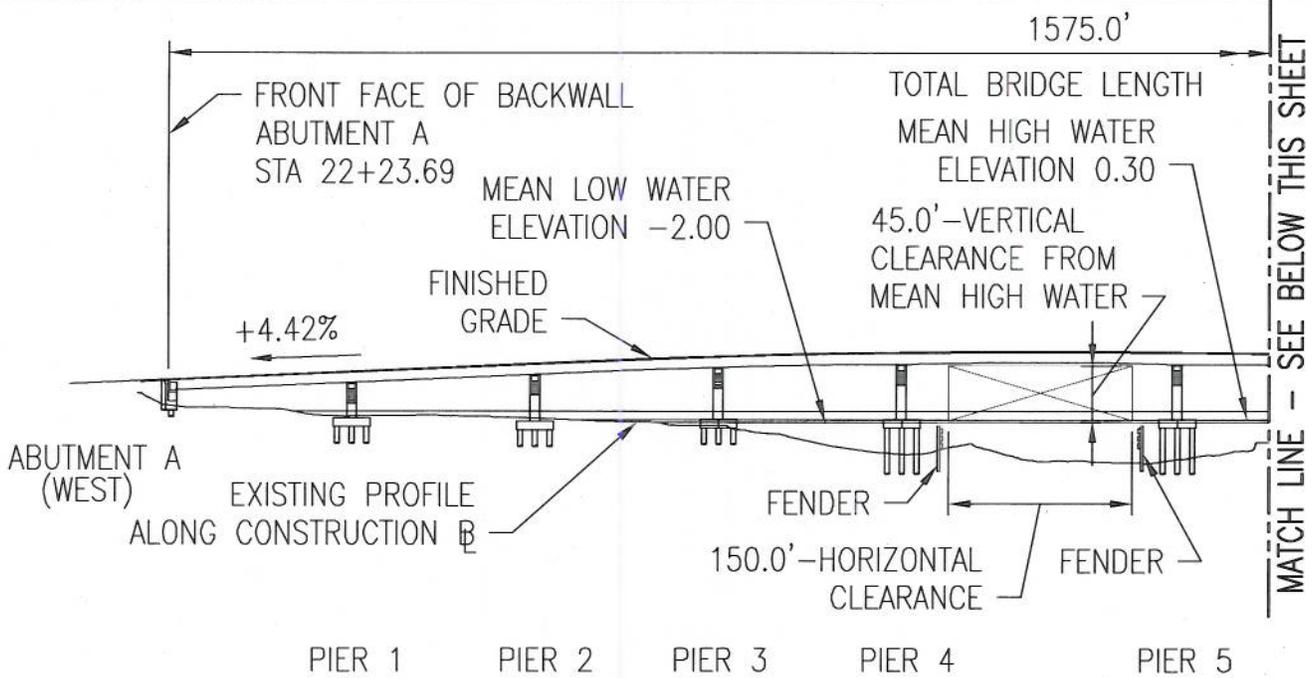
NO SCALE



TOTAL BRIDGE LENGTH = 1,575'-0"
 BRIDGE WIDTH = 53'-8" EACH SPAN
 TOTAL BRIDGE WIDTH = 117'-4"

HORIZONTAL DATUM: VIRGINIA COORDINATE SYSTEM, SOUTH ZONE NAD83 (1993) VIRGINIA HARN.
 VERTICAL DATUM: NAVD 88 (NORTH AMERICAN VERTICAL DATUM 1988).

	<h3>EXISTING & PROPOSED BRIDGE PLAN VIEW</h3>	<p>LESNER BRIDGE REPLACEMENT</p>
		<p>DATE: DECEMBER 2012 IN: LYNNHAVEN INLET CITY OF: VIRGINIA BEACH STATE: VA APPLICATION BY: CITY OF VIRGINIA BEACH AGENT: MAP Environmental Inc. SHEET 2 OF 5 SKC-2</p>
<p>SCALE: 1"=250'</p>		



HORIZONTAL DATUM: VIRGINIA COORDINATE SYSTEM, SOUTH ZONE NAD83 (1993) VIRGINIA HARN.
VERTICAL DATUM: NAVD 88 (NORTH AMERICAN VERTICAL DATUM 1988).

INLET CROSS SECTION

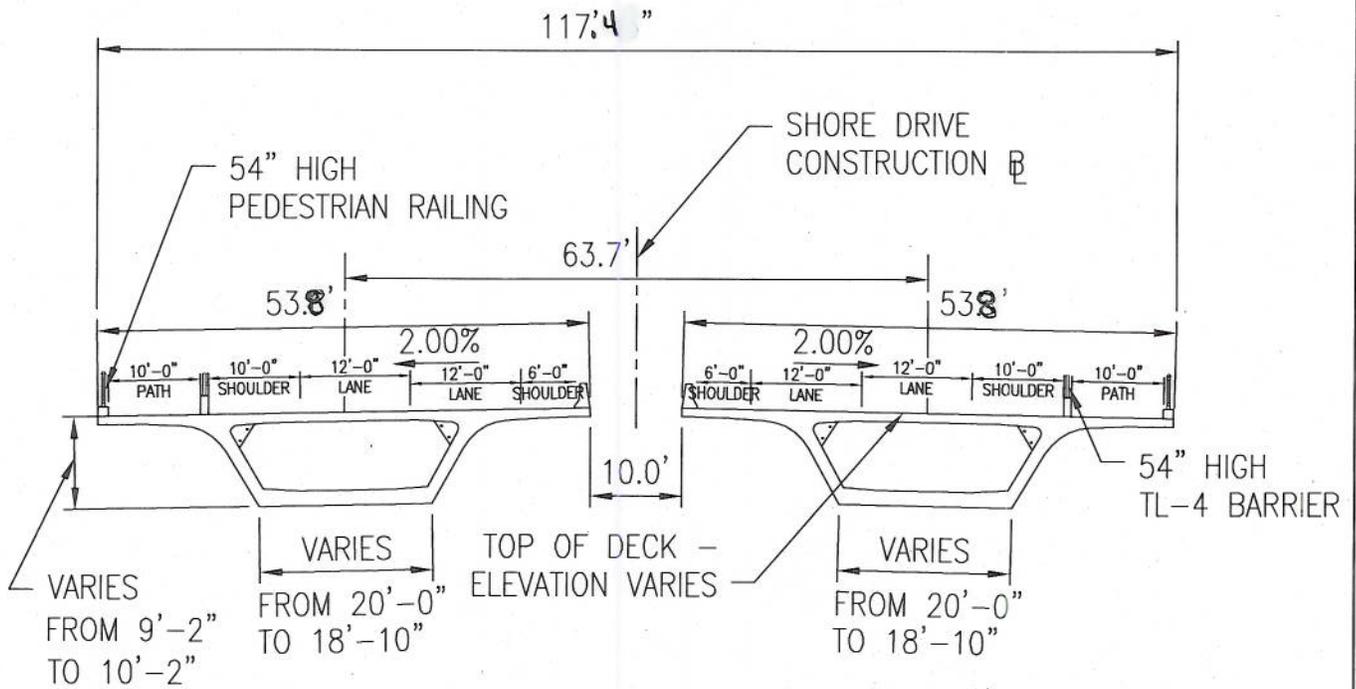


SCALE: 1"=150'

LESNER BRIDGE REPLACEMENT

DATE: DECEMBER 2012
IN: LYNNHAVEN INLET
CITY OF: VIRGINIA BEACH STATE: VA
APPLICATION BY: CITY OF VIRGINIA BEACH
AGENT: MAP Environmental Inc.
SHEET **3** OF **5** **SKC-3**

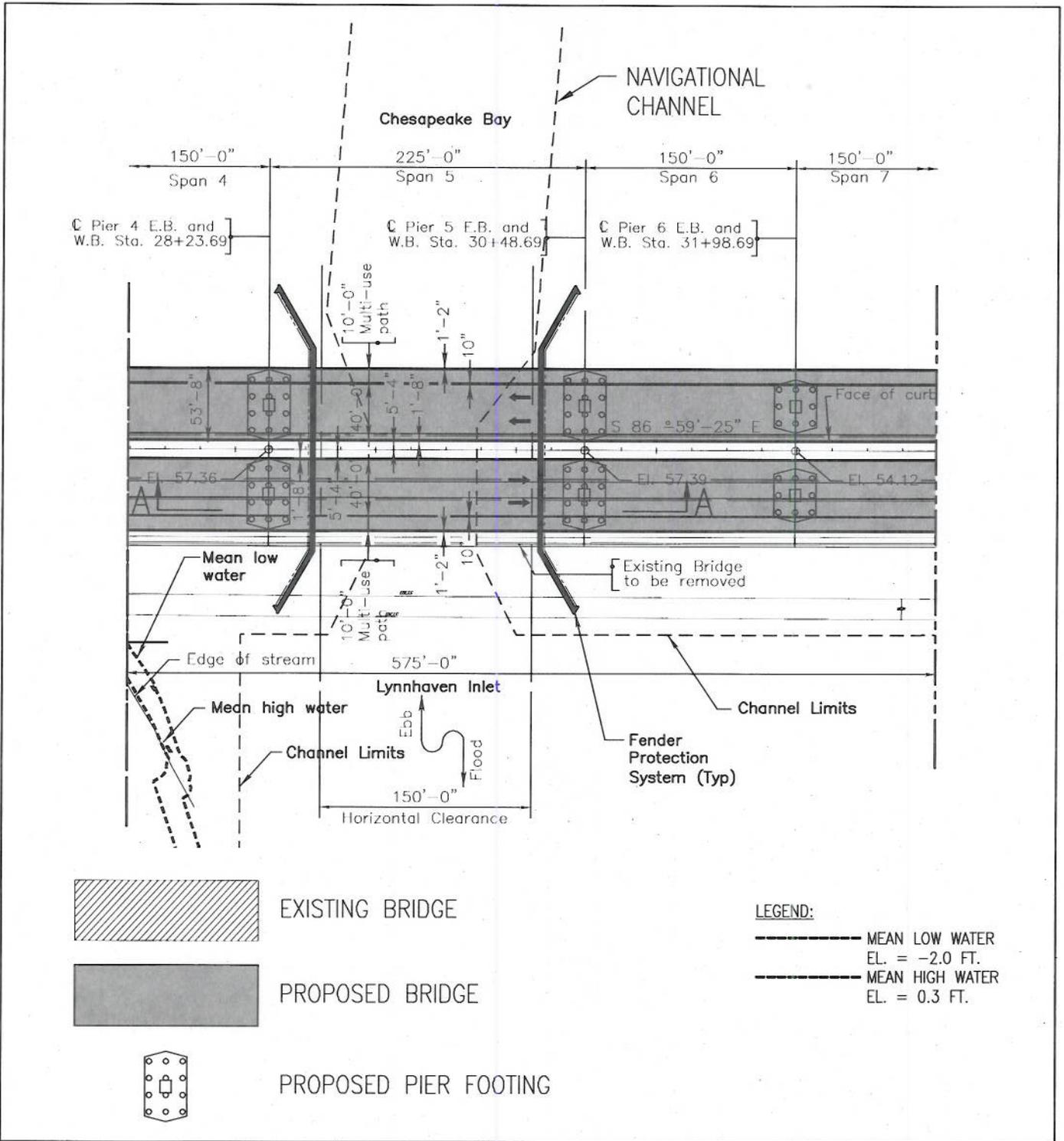
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TYPICAL BRIDGE DECK CROSS-SECTION

HORIZONTAL DATUM: VIRGINIA COORDINATE SYSTEM, SOUTH ZONE NAD83 (1993) VIRGINIA HARN.
 VERTICAL DATUM: NAVD 88 (NORTH AMERICAN VERTICAL DATUM 1988).

	<p>BRIDGE DECK CROSS-SECTION</p>	<p>LESNER BRIDGE REPLACEMENT</p>
	<p>0 20' 40'</p> <p>SCALE: 1"=20'</p>	<p>DATE: DECEMBER 2012 IN: LYNNHAVEN INLET CITY OF: VIRGINIA BEACH STATE: VA APPLICATION BY: CITY OF VIRGINIA BEACH AGENT: MAP Environmental Inc. SHEET <u>4</u> OF <u>5</u> SKC-5</p>



HORIZONTAL DATUM: VIRGINIA COORDINATE SYSTEM, SOUTH ZONE NAD83 (1993) VIRGINIA HARN.
 VERTICAL DATUM: NAVD 88 (NORTH AMERICAN VERTICAL DATUM 1988).

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PROPOSED BRIDGE PLAN AT CHANNEL

0 100' 200'

SCALE: 1"=100'

LESNER BRIDGE REPLACEMENT

DATE: DECEMBER 2012
 IN: LYNNHAVEN INLET
 CITY OF: VIRGINIA BEACH STATE: VA
 APPLICATION BY: CITY OF VIRGINIA BEACH
 AGENT: MAP Environmental Inc.
 SHEET 5 OF 5 **SKC-7**