



PUBLIC NOTICE D05PN-07-2019

All interested parties are notified that an application dated June 28, 2019, has been received from the U.S. Army Corps of Engineers by the Commander, Fifth Coast Guard District, for approval of the location and plans for construction of a new drawbridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Dismal Swamp Canal, mile 11.1, at Chesapeake, VA.

CHARACTER OF WORK: The proposed project is to replace the two-lane bascule drawbridge and bridge roadway approaches with a five-lane bascule drawbridge on two separate structures, (a northern two-lane and a southern three-lane) bridge. The purpose of the project is to replace the functionally obsolete drawbridge (due a narrow roadway), realign connecting roadways (due poor alignment), and meet the current design standards for roadway width and design load, providing a safe, efficient, and reliable passage for all modes of transportation.

MINIMUM NAVIGATIONAL CLEARANCES:

<u>Existing</u>	<u>Proposed</u>
Vertical Clearance: Open - Unlimited Closed - 5 feet above Ordinary High Water (OHW)	Vertical Clearance: Open - Unlimited Closed - 5 feet above Ordinary High Water (OHW)
Horizontal Clearance: 60 feet between the bridge protective system	Horizontal Clearance: 60 feet between the bridge protective system

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

ENVIRONMENTAL CONSIDERATIONS:

The U.S. Army Corps of Engineers (USACE) is the lead Federal agency for compliance with the National Environmental Policy Act (NEPA). The USACE is acting on behalf of the U. S. Coast Guard (USCG) for all applicable environmental control laws and Executive Orders. The USACE approved an Environmental Assessment (EA) in April 2001, issued a Finding of No Significant Impact dated April 21, 2001, and prepared a reevaluation of the EA as documented in a Record of Environmental Consideration in April 2016. The USCG has tentatively determined that the environmental documentation approved, issued and prepared by the USACE 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.

The bridge is not located in the floodplain. The 100-year flood level is +11.29 feet from datum and low steel of the bridge in the navigation span is +13.49 feet from datum.

A water quality certificate was issued by the Commonwealth of Virginia Department of Environmental Quality via permit number WP3-16-1476 dated November 13, 2018.

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. The Virginia Department of Environmental Quality issued a finding on October 30, 2015, that the project is consistent with the state's Coastal Zone Management Plan.

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 December 27, 2019 .

//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

Drawbridge at
 George Washington Highway S (US 17 Business)
 Dismal Swamp Canal, Atlantic Intracoastal Waterway (AICW), mile 11.1,
 at Chesapeake, VA.
 Public Notice D05PN-07-2019
 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 December 27, 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): _____

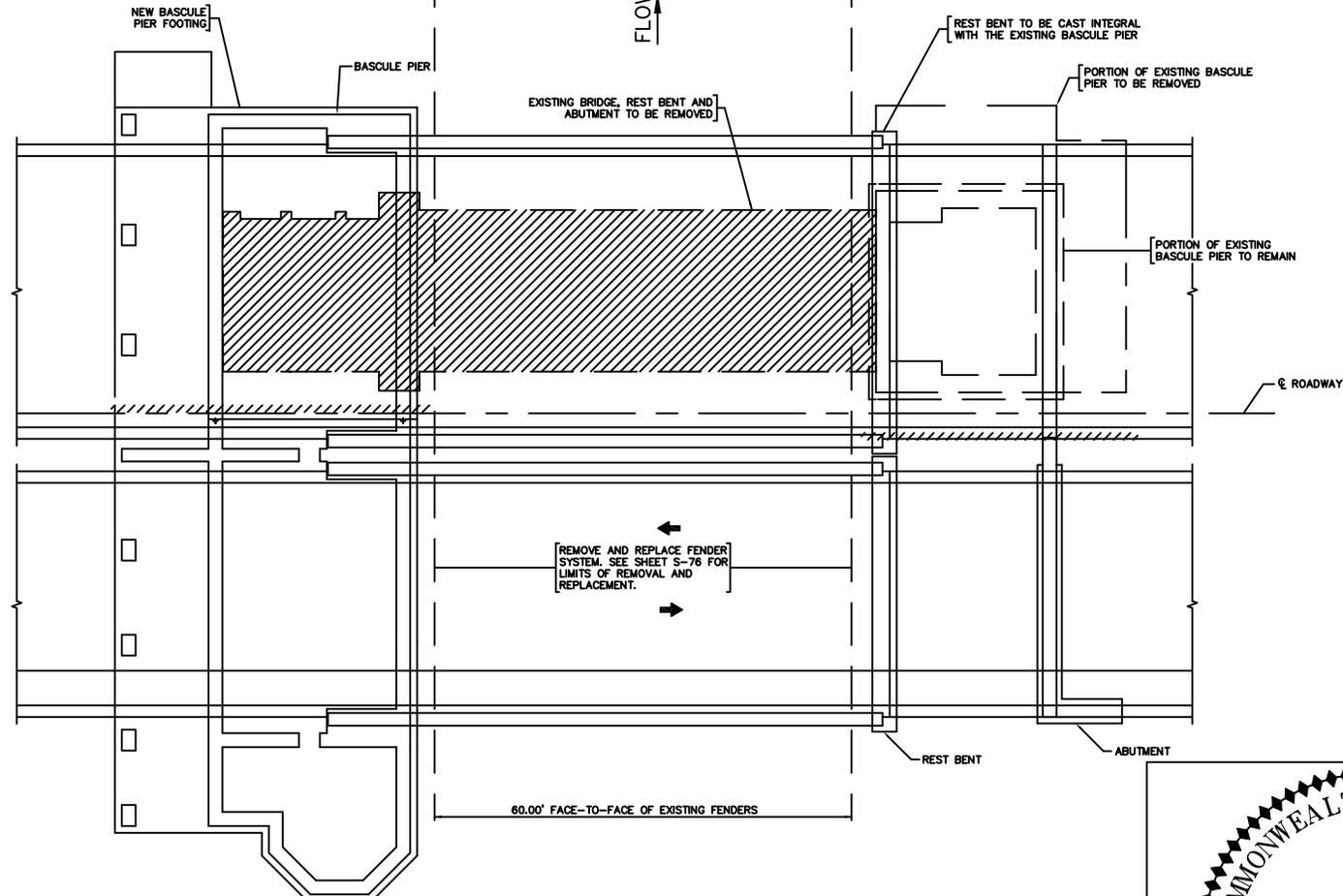
Phone (Optional): _____

Comments and Recommendations: _____

NOTE: ELEVATIONS ARE SHOWN IN DECIMAL FEET. DATUM: NAVD 1988

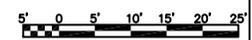


FLOW ↑



DEMOLITION PLAN
SCALE: 3/8" = 10'

TO BE REMOVED



GRAPHIC SCALE



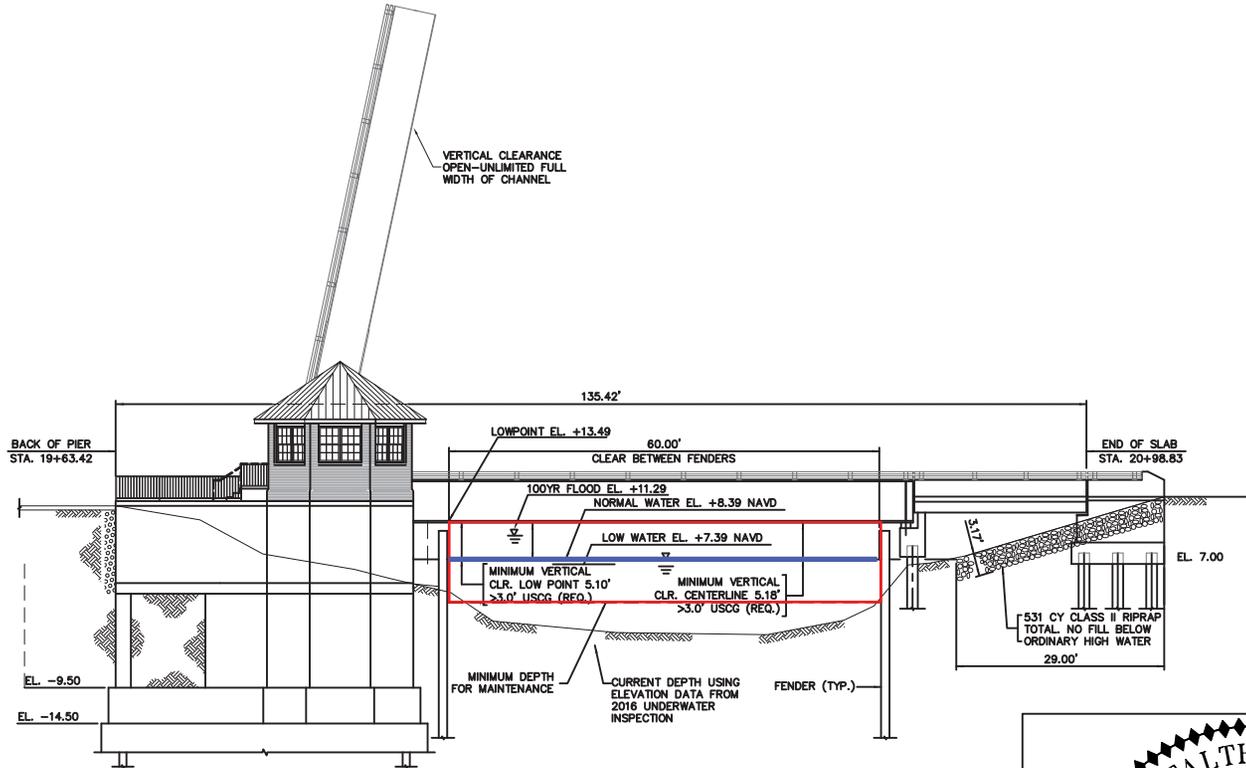
DATE	15-JULY-19	BY	JGH	CHK	AS SHOWN
PROJECT	ANNO DISTAL SWAMP CANAL	DESIGNER	LIBRAM	DATE	2018
LOCATION	DEEP CREEK BRIDGE REPLACEMENT	PROJECT NO.	455079	ISSUE NO.	001
PERMIT DRAWINGS SUBMITTAL October 4, 2019					

ANNO DISTAL SWAMP CANAL
DEEP CREEK BRIDGE REPLACEMENT
DSC MILE 0.5
CHESAPEAKE, VIRGINIA
DEMOLITION PLAN

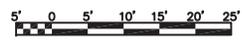
SHEET REFERENCE NUMBER
3
SHEET 3 OF 7



NOTE: ELEVATIONS ARE SHOWN IN DECIMAL FEET. DATUM: NAVD 1988



GENERAL ELEVATION
SCALE: 3/8" = 10'



GRAPHIC SCALE



DATE	15-JULY-19	DESIGN	JEF
SCALE	AS SHOWN	ISSUED	LS
PROJECT	203	APPROVED	AS
DISTRICT	NORFOLK	DESIGNED BY	AS
STATE	VIRGINIA	CHECKED BY	AS
CITY	NORFOLK	PERMITTED BY	AS
COUNTY	VA	REVISION NO.	
		DATE	10/04/19
		BY	AS
		FOR	AS

NORFOLK DISTRICT
 COAST OF ENGINEERS
 NORFOLK, VIRGINIA
 CHESAPEAKE, VIRGINIA

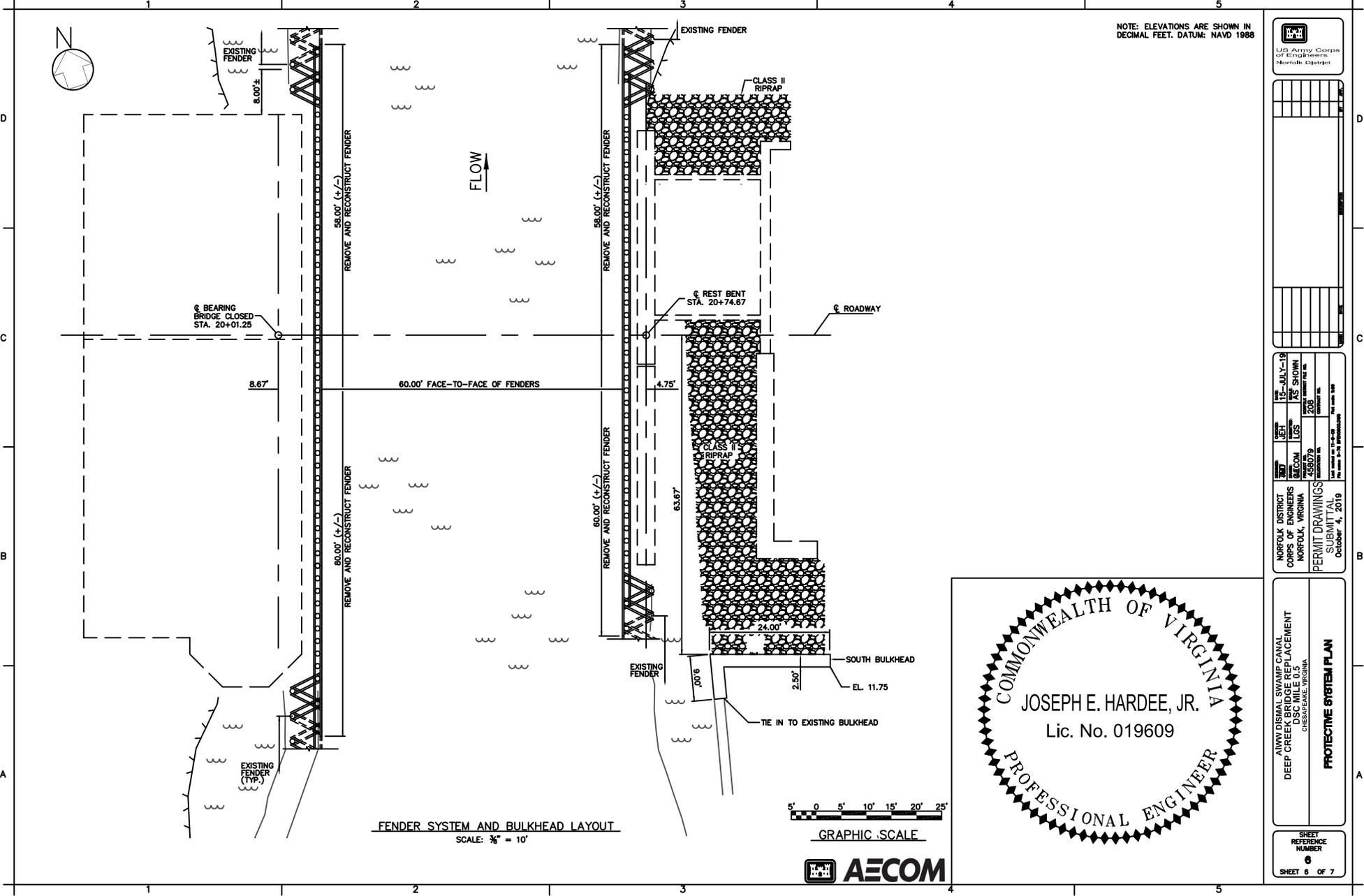
PERMIT DRAWINGS
 SUBMITTAL
 October 4, 2019

AIWW DISTAL SWAMP CANAL
 DEEP CREEK BRIDGE REPLACEMENT
 DSC MILE 0.5
 CHESAPEAKE, VIRGINIA

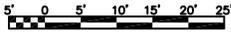
GENERAL ELEVATION

SHEET
 REFERENCE
 NUMBER
 4
 SHEET 4 OF 7

NOTE: ELEVATIONS ARE SHOWN IN DECIMAL FEET. DATUM: NAVD 1988



FENDER SYSTEM AND BULKHEAD LAYOUT
SCALE: 3/8" = 10'



GRAPHIC SCALE

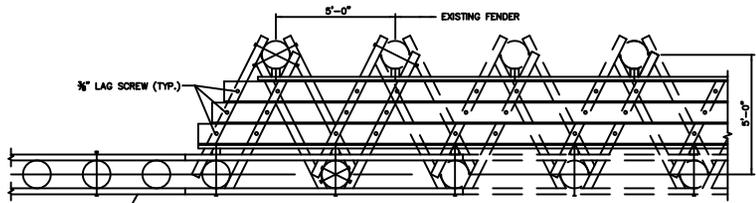


DATE	15-JULY-19	DESIGNED BY	AS SHOWN
CHECKED BY	US	PERMITTED BY	203
NO. OF SHEETS	203	NO. OF SHEETS USED	108
NORFOLK DISTRICT CORPS OF ENGINEERS NORFOLK, VIRGINIA			
PERMIT DRAWINGS SUBMITTAL October 4, 2019			

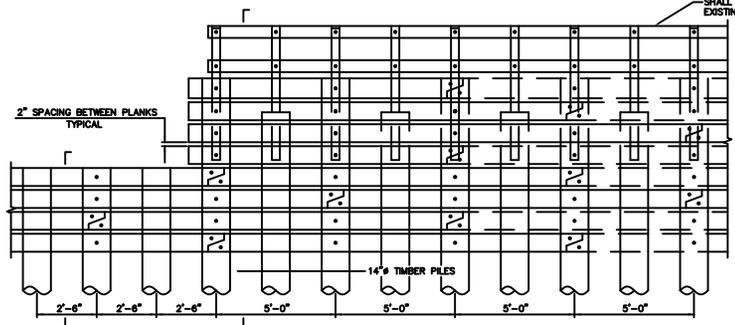
ANNO DISTAL SWAMP CANAL
DEEP CREEK BRIDGE REPLACEMENT
DSC MILE 0.5
CHESAPEAKE, VIRGINIA

PROTECTIVE SYSTEM PLAN

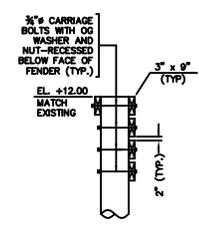
SHEET
REFERENCE
NUMBER
6
SHEET 6 OF 7



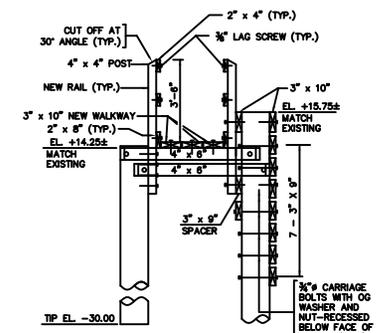
PLAN
SCALE: 1/8" = 1'-0"



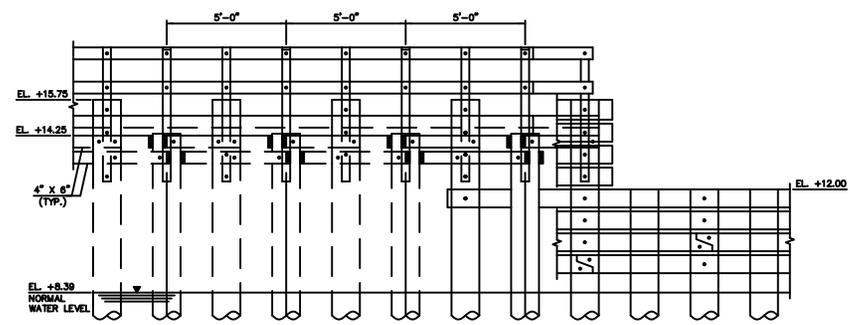
FRONT ELEVATION
SCALE: 1/8" = 1'-0"



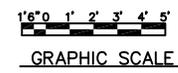
SECTION A
SCALE: 1/8" = 1'-0"



SECTION B
SCALE: 1/8" = 1'-0"



REAR ELEVATION
SCALE: 1/8" = 1'-0"



NOTE: DECIMAL DIMENSIONS HAVE NOT BEEN PROVIDED ON THIS DETAIL SHEET.



US Army Corps of Engineers
Norfolk District

NORFOLK DISTRICT
CORPS OF ENGINEERS
NORFOLK, VIRGINIA

PERMIT DRAWINGS
SUBMITTAL
October 4, 2019

ANNO DISTAL SWAMP CANAL
DEEP CREEK BRIDGE REPLACEMENT
DSC MILE 0.5
CHESAPEAKE, VIRGINIA

PROTECTIVE SYSTEM
DETAILS

SHEET
REFERENCE
NUMBER
7
SHEET 7 OF 7