



Commander
United States Coast Guard
Southeast District

909 SE 1st Ave
Miami, FL 33131
Staff Symbol: dpb
Email:
Lisia.j.kowalczyk2@uscg.
mil

July 1, 2026

PUBLIC NOTICE 6-26

All interested parties are herein notified that the Commander, Southeast Coast Guard District, has received application materials dated 15 January 2025 from the Village of North Palm Beach for approval of location and plans for the replacement of a bridge over a navigable waterway of the United States.

BRIDGE, WATERWAY AND LOCATION: Lighthouse Drive Bridge across North Palm Beach Canal, 1.48 miles from the mouth of the Earman River on Lighthouse Drive at Village of North Palm Beach, Palm Beach County, Florida.

CHARACTER OF WORK: The applicant proposes the replacement of the existing 2-lane fixed bridge structure with a new 2-lane fixed free-span bridge structure, install new pilings within uplands, and make repairs to the seawall. The proposed work will remove the existing pilings from the waterway and will be conducted entirely from uplands and without the use of barges. No temporary structures will be used.

MINIMUM NAVIGATIONAL CLEARANCES: The proposed new bridge will have clearances as described in the table below. These clearances are an increase from current clearances over this section of the waterway at or near this mile.

	Existing	Proposed
Vertical	15.09 ft	15.14 ft
Horizontal	22.5 ft	49.51 ft

Datum: NAVD88

ENVIRONMENTAL CONSIDERATIONS: The Coast Guard, as the lead Federal agency, has made a tentative determination that the bridge replacement warrants a categorical exclusion for the purposes of the National Environmental Policy Act (NEPA) because it satisfies criteria for such actions listed in the Coast Guard's NEPA Implementing Instructions.

Preliminary analysis indicates that the project would not result in adverse effects as described in Section 106 of the National Historic Preservation Act of 1966. No protected properties were identified on the project area. Concurrence is being applied for through the Florida State Historic Preservation Office.

A water quality certification in accordance with Section 401 of the Clean Water Act, as amended, for this project was issued by the South Florida Water Management District on 25 February 2026. No wetlands will be taken or affected by this project.

The bridge is located in the floodplain. The 100-year flood elevation is 7.0 feet, while elevation of the low member of the navigation span is 15.14 feet; elevations are referenced to NAVD88 datum. No fill material will be placed below MHW level for the construction of the bridge and approaches.

The project falls within the Critical Habitat for manatees. Any anticipated effects to Endangered Species, Essential Fish Habitat, and Marine Mammals are expected only during demolition from the removal of the pilings of the existing bridge. The construction of the proposed bridge will occur entirely from the upland with new pilings being driven in the upland and not in the waterway.

The demolition portion of the proposed project would be the only impact to the sand and crushed rock bottom in a highly urbanized area with the potential occurrence of Spiny Lobster (*Panulirus argus*) and Snapper/Grouper Complex. The Coast Guard's initial determination is that the proposed action would not have an adverse impact on EFH in the N. Palm Beach Canal, as the only in water work is the piling removal. The final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service. The project "may affect but is not likely to adversely affect" the West Indian manatee, American Crocodile, Kemps-Ridley, Leatherback, and Loggerhead sea turtles, and small toothed sawfish.

SOLICITATION OF COMMENTS:

Mariners are requested to comment on the proposed navigation clearances, placement of a bridge protective system and other navigational safety issues, including need for clearance gauges and extent of nighttime navigation to determine the need for bridge lighting.

Interested parties are requested to express their views, in writing, on the proposed bridge project including its possible environmental impacts to include those impacts on minority and/or low-income populations, if any, giving sufficient detail to establish a clear understanding of the reasons for support of, or opposition to, the proposed work. Comments will be received for the record at the address noted in the header or via email (Lisia.j.kowalczyk2@uscg.mil) through **July 31, 2026**

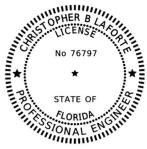
Map of location and plans attached.

Lisia Kowalczyk
Bridge Administrator
By direction of the Commander,
Southeast Coast Guard District

CHRISTOPHER B LAFORTE, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 76797

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY CHRISTOPHER B LAFORTE ON THE DATE INDICATED HERE.

SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.



PROPOSED LIGHTHOUSE DRIVE BRIDGE OVER NORTH PALM BEACH WATERWAY CANAL

FOR



VILLAGE OF
North Palm Beach
FLORIDA



SHEET LIST

SHEET NUMBER	SHEET NAME
1	COVER SHEET
2	PROPOSED BRIDGE PLAN
3	PROPOSED BRIDGE CROSS SECTION AT EXTERIOR BENT
4	PROPOSED BRIDGE CROSS SECTION AT INTERMEDIATE BENT
5	PROPOSED BRIDGE ELEVATION



SUBMIT SHOP DRAWINGS TO:
CHRISTOPHER B. LAFORTE, P.E.
WGI, INC.
2035 VISTA PARKWAY
WEST PALM BEACH, FL 33411

NOTE:
ELEVATIONS SHOWN HEREON ARE BASED ON NAVD '88 DATUM UNLESS OTHERWISE NOTED. TO CONVERT TO NGVD '29 ADD 1.512' TO THE NAVD VALUE.

NOTE: THE SCALE OF THESE DRAWINGS MAY
HAVE CHANGED DUE TO REPRODUCTION.



2035 Vista Parkway
West Palm Beach, FL 33411
Phone No. 561.687.2220
Fax No. 561.687.1110

CHRISTOPHER B. LAFORTE
PE 76797
WGI

NO.	REVISION	BY	DATE

OWNER: VILLAGE OF NORTH PALM BEACH
BRIDGE: LIGHTHOUSE DRIVE BRIDGE
WATERWAY: NORTH PALM BEACH WATERWAY CANAL
VILLAGE: NORTH PALM BEACH

CONSULTANT: WGI
MILE POINT: 1.25
COUNTY: PALM BEACH
STATE: FLORIDA

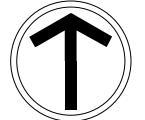
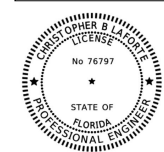
SCALES indicated
APPROVED: CBL
DRAWN: NRS
CHECKED: JRB
DATE: 5/20/2026

PERMIT DRAWINGS

COVER SHEET

SHEET: **1**
OF: **5**
WGI PROJECT NO.
10537.00

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NORTH

PROPOSED
BULKHEAD LINE, TYP

BASELINE OF BRIDGE
CENTERLINE OF BRIDGE

EXISTING BULKHEAD
LINE TO REMAIN, TYP

1 BRIDGE SITE PLAN



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WATERWAY: NORTH PALM BEACH WATERWAY CANAL

VILLAGE: NORTH PALM BEACH

CONSULTANT: WGI

MILE POINT: 1.25

STATE: FLORIDA

SCALE: As indicated

APPROVED: CBL

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PERMIT DRAWINGS

PROPOSED BRIDGE PLAN

NOTE:
UTILITIES CROSSING BRIDGE TO BE
PERMITTED SEPARATELY

LEGEND



SHADING (PROPOSED BRIDGE
REPLACEMENT)
≈0.011 ACRE



FILL (SEAWALL REPLACEMENT)
≈0.016 ACRE



EXTENTS OF EXISTING BRIDGE AND SEAWALL

NOTES

1. NO BRIDGE PROTECTIVE SYSTEM EXISTS OR IS PROPOSED. A PROTECTIVE SYSTEM IS NOT REQUIRED AT THIS SITE.
2. EBB AND FLOOD VALUES BASED ON FIELD MONITORING FROM MAY2025.
3. TOTAL LENGTH OF PROPOSED SEAWALL = 375.61'.
4. THERE IS NO PROPOSED DREDGING, EXCAVATION, FILL, OR RIP-RAP THAT WILL AFFECT MARINERS.
5. NO PROPOSED CHANGE TO THE WATER DEPTH.
6. ALL PORTIONS OF THE EXISTING BRIDGE TO BE REMOVED.

PROPOSED DRILLED SHAFT
PILES LOCATED UPLAND
FROM SEAWALL, TYP

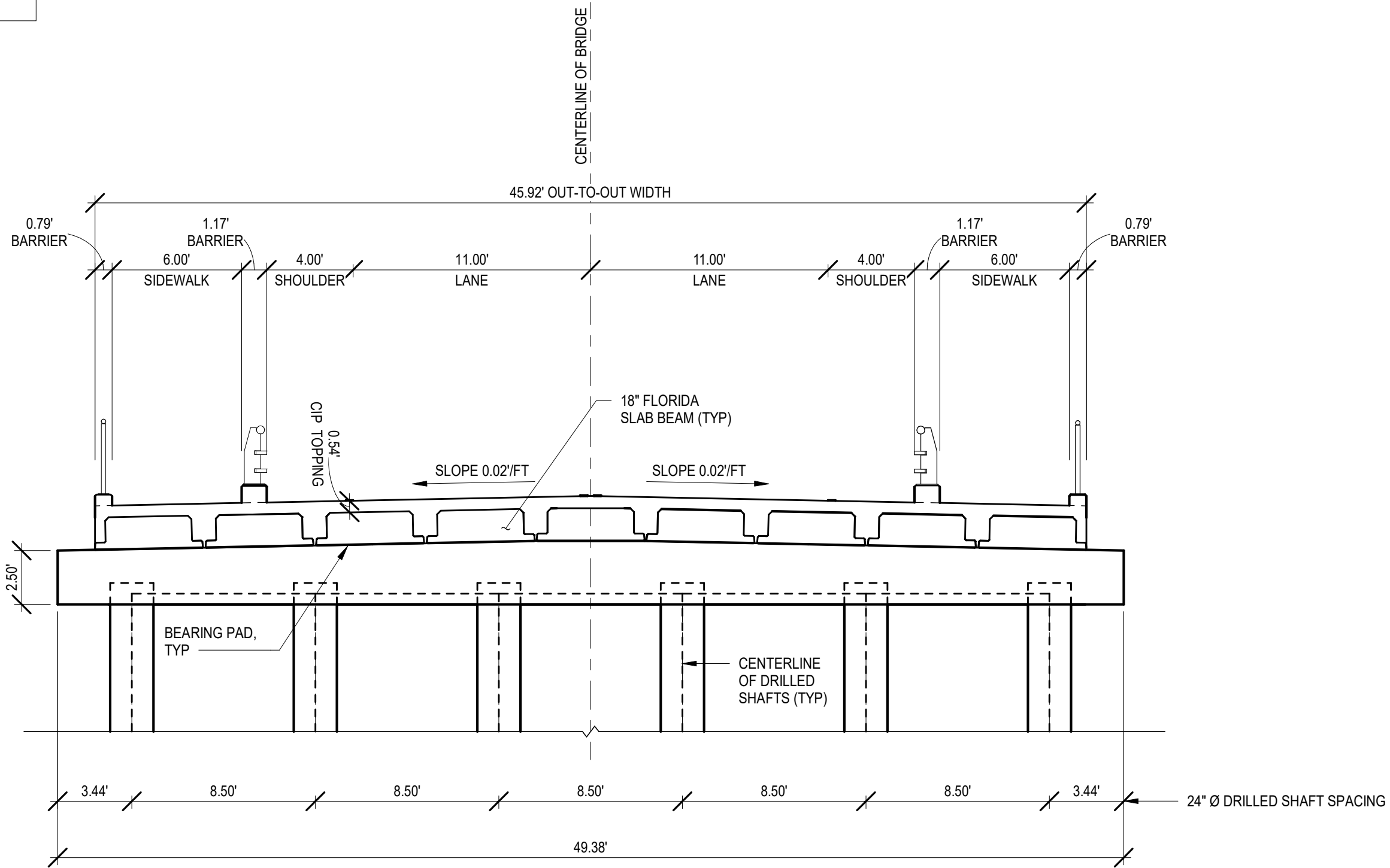
EXISTING SEAWALL TO
REMAIN IN PLACE, TYP

DIRECTION OF BASELINE STATIONING

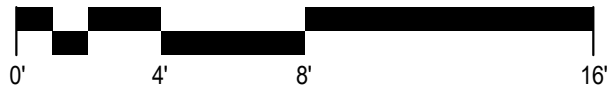
BIDIRECTIONAL EBB/FLOOD
VELOCITY: +0.54 / -1.10 FT/S

Autodesk Docs/10537.00 LIGHTHOUSE DRIVE BRIDGE REPLACEMENT_B1_SH_R24.rvt 5/20/2026 5:19:43 PM

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1 TYPICAL BRIDGE CROSS SECTION AT END BENT



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COUNTY: PALM BEACH

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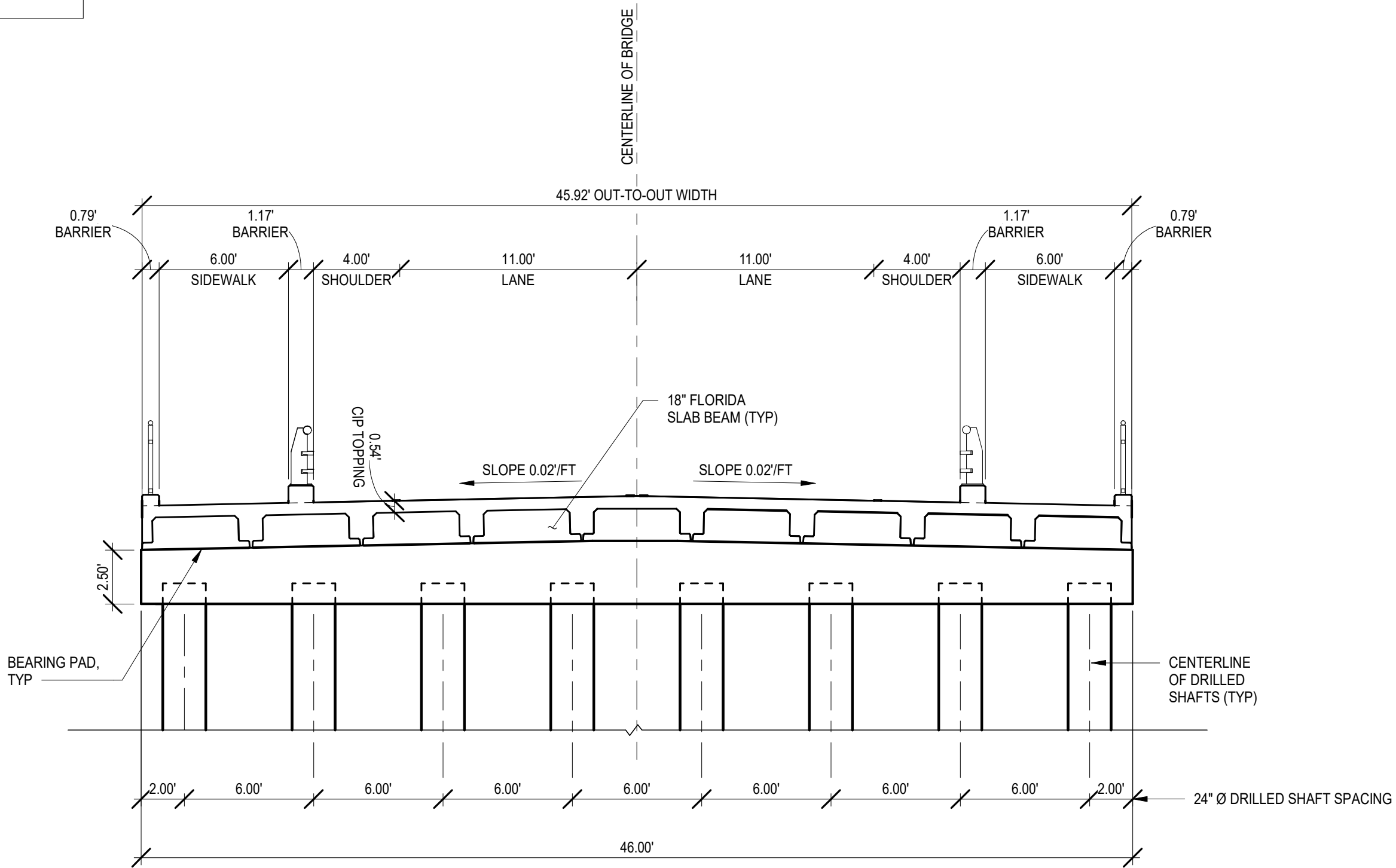
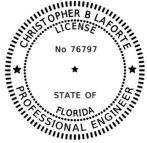
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PERMIT DRAWINGS

PROPOSED BRIDGE CROSS
SECTION AT EXTERIOR BENT

SHEET: 3
OF: 5
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1 TYPICAL BRIDGE CROSS SECTION AT INTERMEDIATE BENT



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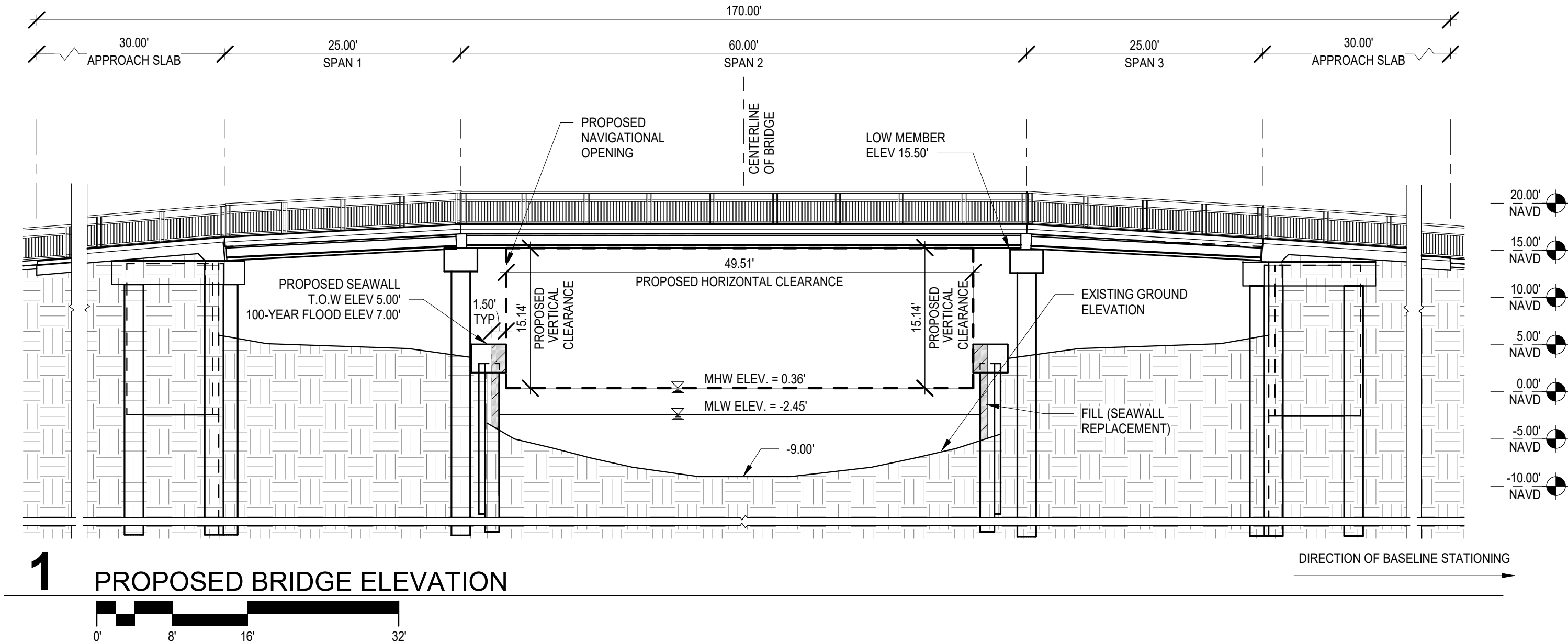
PROPOSED BRIDGE CROSS
SECTION AT INTERMEDIATE BENT

SHEET: 4
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LEGEND
 FILL (SEAWALL REPLACEMENT)
≈ 53.56 CY BELOW MHW



1 PROPOSED BRIDGE ELEVATION

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SHEET: 5

OF: 5

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