



16591/FL
August 1, 2023

PUBLIC NOTICE (01-23)

All interested parties are herein notified that Commander, Seventh Coast Guard District has received a bridge permit application dated March 29, 2023 from Pinellas County, Public Works. The applicant is requesting approval of location and plans for a bridge replacement across a navigable waterway of the United States.

WATERWAY AND LOCATION: Brooker Creek, Mile 0.0, Palm Harbor, Pinellas County, FL, Latitude/Longitude: 28.06192, -82.77963

CHARACTER OF WORK: Pinellas County intends to replace the Shore Drive Bridge (Bridge No. 154100) over Brooker Creek along the same alignment. The purpose of this project is to provide a safe and efficient crossing that serves the needs for highway, pedestrian, and marine traffic. The need for this proposal is to replace a functionally obsolete bridge that does not meet current safety standards for road shoulders, pedestrians, and crash tests. The proposed bridge would consist of a fixed, single span approximately 60 feet in length and 40.5 feet in width. The new bridge would include two, 11-foot travel lanes, two-foot shoulders, and six-foot sidewalks on both sides. The existing bridge will be removed in its entirety.

MINIMUM NAVIGATIONAL CLEARANCES: The proposed bridge will have clearances as described in the table below relative to Mean High Water (MHW).

	<u>Existing (feet)</u>	<u>Proposed (feet)</u>
<u>Vertical:</u>	2.8	5.7
<u>Horizontal:</u>	49.9	48

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. There are no properties within the project area that are listed in or eligible for inclusion in the National Register of Historic Places.

A water quality certification in accordance with Section 401 of the Clean Water Act, as amended, for this project was obtained through Southwest Florida Water Management District Environmental Resource Permit #47046961.000. Direct and secondary project impacts will affect approximately 0.092 acres of wetlands.

The project area is located in Flood Zone VE. The 100-year flood elevation is 12.7 feet, while elevation of the low member of the navigation span is 6.47 feet. Elevations are referenced to NAVD88 datum.

The project area is not designated Essential Fish Habitat (EFH). Smith Bayou, just south of the project, is classified as EFH for red drum, reef fish, coastal migratory pelagic species, shrimp, and the neonate life stage for the blacktip shark. The proposed project is not expected to affect designated EFH in the area.

Based on a review of available literature and field observations, twenty-two federally or state-protected species have the potential to occur within or adjacent to the project area. These include Gulf Sturgeon, West Indian Manatee, and several sea turtles. The proposed project is not likely to adversely affect any of the listed/protected species.

NAVIGATION: During construction, construction-related vessels and equipment may affect navigation. The Coast Guard will publish in the Local Notice to Mariners (LNM) project phases that may affect navigation. To subscribe to the Coast Guard LNM, please visit <http://www.navcen.uscg.gov/> under “Subscribe / Report (free)” select the notifications you wish to receive; note this project is in the Seventh Coast Guard District area.

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 potential 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 office of: Commander (dpg), Seventh Coast Guard District, 909 SE 1st Ave., Ste. 432, Miami, Florida 33131-3028 or via email at: Omar.Beceiro@uscg.mil, for a 30-day period from the date of this public notice. The Coast Guard project manager for this application is Mr. Omar Beceiro, who can be contacted by mail at the above address or e-mail. Comments received will be made part of the project administrative record.

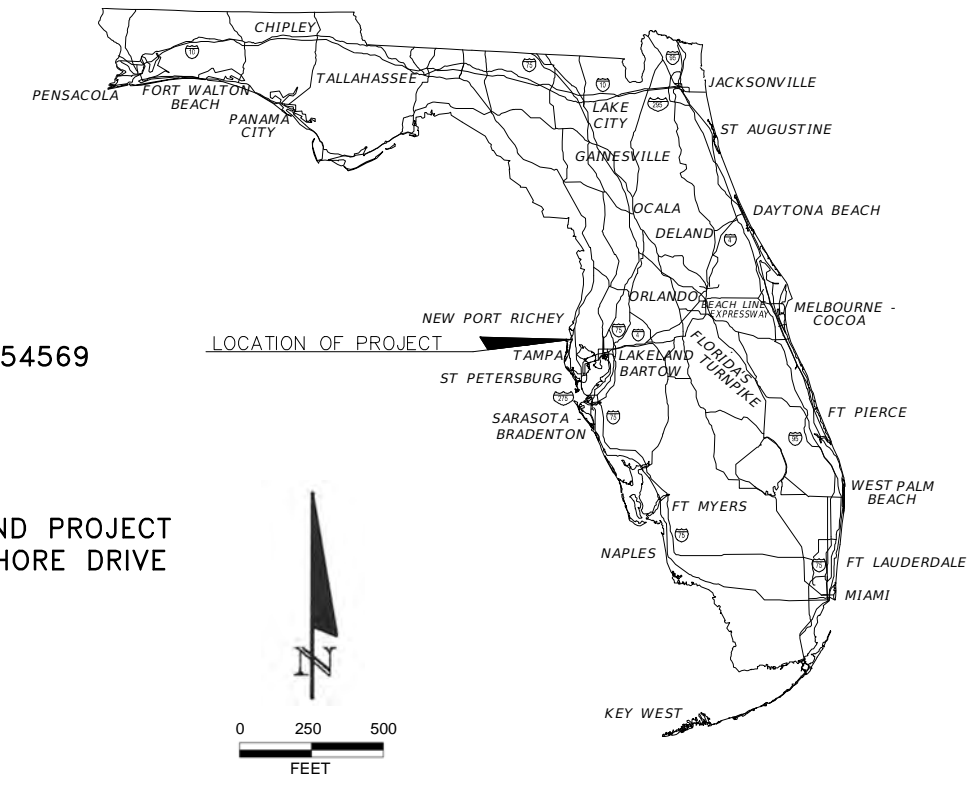
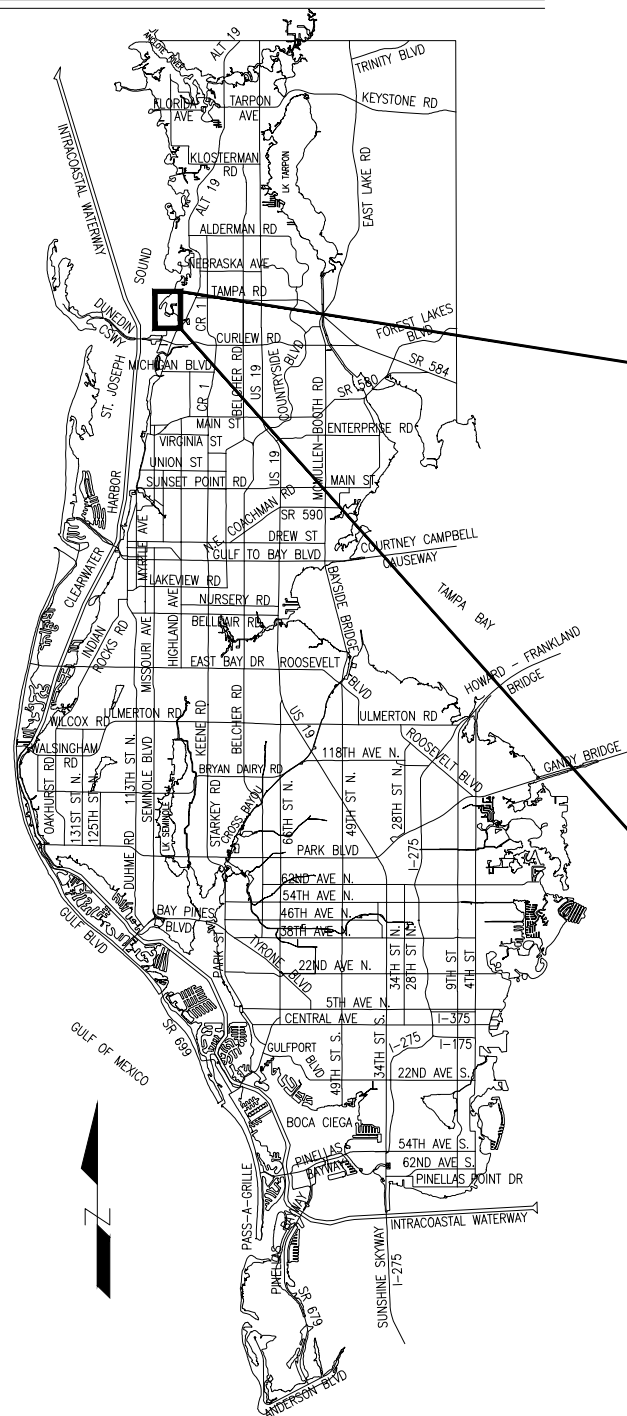
Conceptual bridge plans attached.



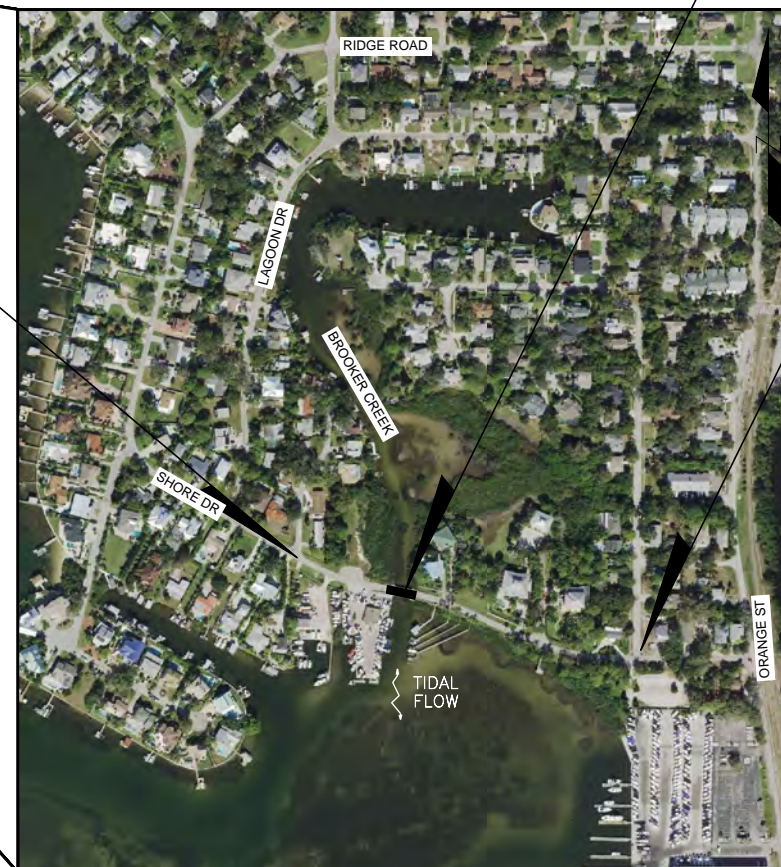
SHORE DRIVE BRIDGE REPLACEMENT AND ROADWAY IMPROVEMENTS

PID 004979A

PINELLAS COUNTY
LOCATION MAP



BEGIN PROJECT
SHORE DRIVE



BRIDGE NO. 154569

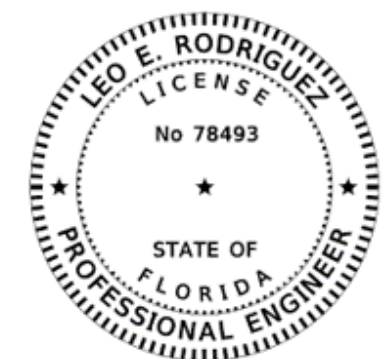
END PROJECT
SHORE DRIVE

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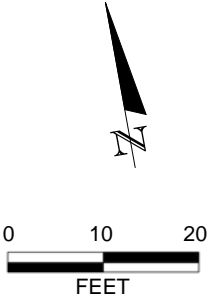
LOCATION MAP

CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT
APPLICANT: PINELLAS COUNTY
CONSULTANT: DRMP, INC.
BRIDGE NAME: SHORE DRIVE BRIDGE
WATERWAY NAME: BROOKER CREEK
WATERWAY MILE POINT: 0.0
LOCATION: PALM HARBOR, PINELLAS COUNTY, FLORIDA
PLANS DATE: JUNE 16, 2023

DATE:	
PROJECT NO.	004979A
SHEET:	1 OF 4

OWNER NAME: MACCARONI FAMILY TRUST
TAX PARCEL ID: 11-28-15-32652-000-0130

OWNER NAME: MACCARONI FAMILY TRUST
TAX PARCEL ID: 11-28-15-32652-000-0130



OWNER NAME: BAYOU CORP
TAX PARCEL ID: 11-28-15-98496-000-0010

OWNER NAME: MACCARONI FAMILY TRUST
TAX PARCEL ID: 11-28-15-32652-000-0130

LEGEND

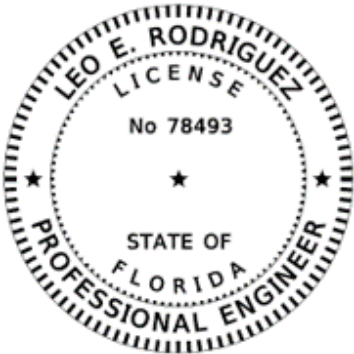
- DIRECTION OF TRAFFIC
- 0.5' CONC. SIDEWALK
- EXISTING STRUCTURE TO BE REMOVED
- APPROXIMATE STANDARD PENETRATION TEST (SPT) SOIL BORING LOCATION

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PLAN

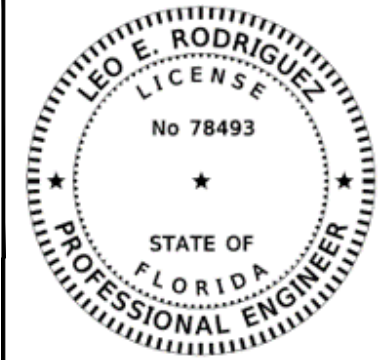
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WATERWAY MILE POINT: 0.0
LOCATION: PALM HARBOR, PINELLAS COUNTY, FLORIDA
PLANS DATE: JUNE 16, 2023

BRIDGE NO. 154569

				DESIGNED	PKP		PROJECT: SHORE DRIVE BRIDGE REPLACEMENT	DESCRIPTION: PLAN	DRMP, INC. 15310 AMBERLY DRIVE SUITE 200 TAMPA, FL 33647	APPROVED BY: LEO E. RODRIGUEZ, P.E. FLA. LIC. NO 78493	DATE	DATE:
				DRAWN	CAH							PROJECT NO.
				CHECKED	DRJ							004979A
REV. NO.	DATE	DESCRIPTION	REV. BY									
												2 OF 4

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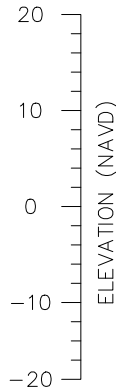
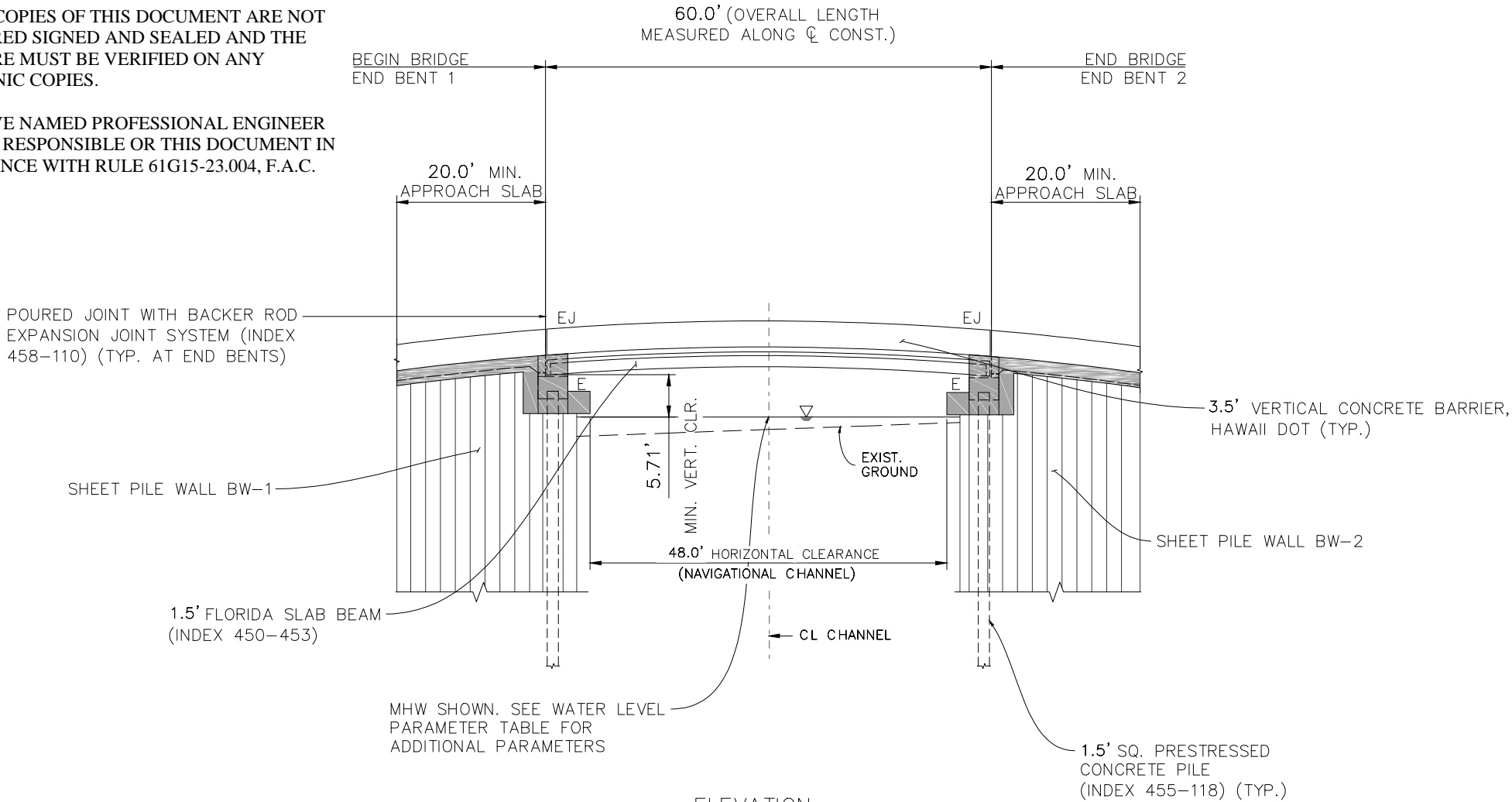
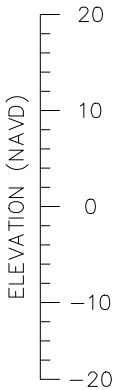


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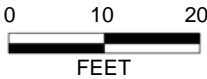


WATER LEVEL PARAMETERS			
WATER LEVEL	FREQUENCY (YRS.)	ELEVATION (FT NAVD)	MINIMUM VERTICAL CLEARANCE (FT) *
MEAN LOW WATER (MLW)	N/A	-1.38	7.85 (6.48)
MEAN HIGH WATER (MHW)	N/A	+0.76	5.71 (4.34)
DESIGN FLOOD	50	+10.7	-4.23
BASE FLOOD (STILL WATER SURGE)	100	+12.7	-6.23
WAVE CREST ELEVATION	100	+16.8	-10.33
GREATEST FLOOD	500	+16.5	-10.03

* MINIMUM VERTICAL CLEARANCE MEASURED TO LOW MEMBER LOCATED AT INTERSECTION OF
FRONT FACE OF END BENT CAP 1 AND BOTTOM OF DECK SLAB ALONG LEFT COPING. A
NEGATIVE SIGN INDICATES THAT WATER ELEVATION IS ABOVE THE LOW MEMBER. DIMENSIONS
IN PARENTHESIS INCLUDE 1.37-FT ADJUSTMENT DUE TO SEA LEVEL RISE BY 2100.

LEGEND

- E EXPANSION BEARING
EJ EXPANSION JOINT



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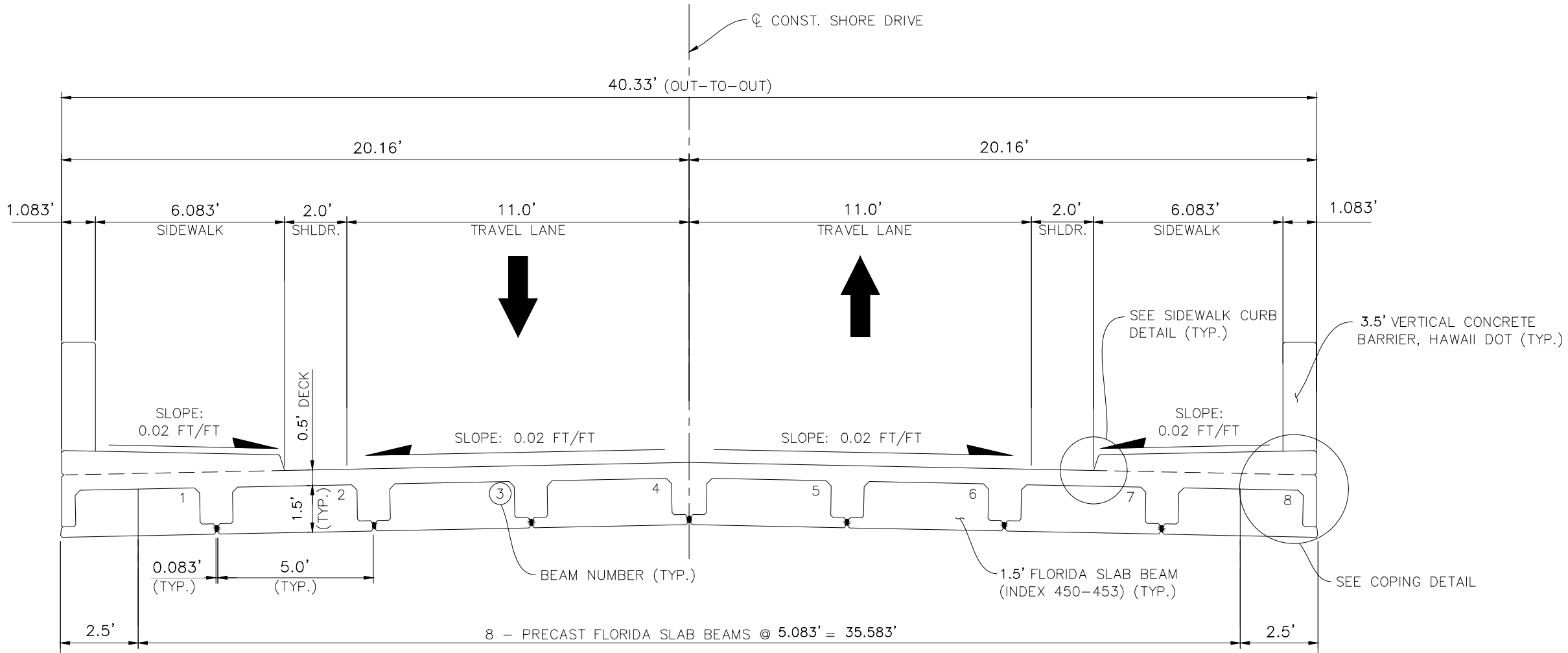
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				CHECKED	DRJ							SHEET: 3 OF 4
REV. NO.	DATE	DESCRIPTION	REV. BY									

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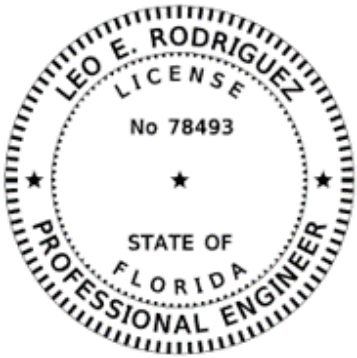
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TYPICAL SECTION

LEGEND



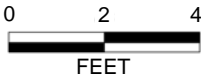
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REV. NO. DATE DESCRIPTION			CHECKED	DRJ						SHEET: 4 OF 4

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