



Commander
United States Coast Guard
Southeast District

909 SE 1st Avenue
Miami, FL 33132
Staff Symbol: (dpb)
Phone: 571-614-1005
Email:
Maxwell.C.Utter@uscg.mil

12/17/2025

PUBLIC NOTICE 08-25

All interested parties are herein notified that the Commander, Southeast Coast Guard District, has received application materials dated 22 November 2024 from RS&H on behalf of the Florida Department of Transportation for approval of location and plans for replacement of a bridge over a navigable waterway of the United States.

BRIDGE, WATERWAY AND LOCATION: The State Route 528 (Bennett Causeway) Bridge across Sykes Creek, mile 8.0, on State Route 528 (Bennett Causeway), near Port Canaveral, Brevard County, Florida.

CHARACTER OF WORK: The State Route 528 Bridge will be removed and replaced in their entirety in order to widen State Route 528 from four to six lanes. The bridge will be replaced through phased construction. In-water construction barges will be temporarily required.

MINIMUM NAVIGATIONAL CLEARANCES:

The proposed replacement bridge will have clearances as described in the table below. These clearances are increase from current clearances over this section of the waterway at or near this mile. Vertical clearance is from low member elevation to Mean High Water (MHW).

	Existing	Proposed
Vertical	15.25'	18.292'
Horizontal	29.3'	89.5'

Datum: NAVD 88

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 from FDOT indicates that the project would not result in adverse effects as described in Section 106 of the National Historic Preservation Act of 1966. No archaeological or

cultural heritage sites were found near the project. The State Historic Preservation Office issued a concurrence on 31 March, 2025.

A water quality certification in accordance with Section 401 of the Clean Water Act, as amended, for this project was issued by the Saint Johns River Water Management District on 21 December 2023.

The proposed roadway improvements and realignment for the project, including impacts to the bridges over the Indian River, Banana River and Sykes Creek will result in a total of 1.866 acres of wetland impacts and 2.868 acres of surface water impacts. The wetland impacts are associated with the widening of road shoulders/causeway and the addition of stormwater discharge structures. The surface water impacts predominantly consist of new pilings and seawall improvements. A section 404 permit has been applied for and includes wetland mitigation bank credits to offset impacts. The application is under review with the USACE.

The bridge is not located in the floodplain. The 100-year flood elevation is 2.70 feet, while elevation of the low member of the navigation span is 17.592; elevations are referenced to NAVD88 datum. No fill material will be placed below MHW level for the construction of the bridge and approaches.

The U.S. Coast Guard determined the project “may affect, but is not likely to adversely affect” for the Green Sea Turtle, the Kemp’s Ridley Sea Turtle, the Loggerhead Sea Turtle, the Eastern Indigo Snake, Wood Stork, Atlantic Sturgeon, and the West Indian Manatee. U.S. Fish and Wildlife Service (USFWS) issued a concurrence on 29 February 2024 that concurred with the findings for the Indian River channel. On 15 December, 2025, USFWS confirmed that the finding of “may affect, but is not likely to adversely affect” also includes the Banana River and Sykes Creek bridges.

The U.S. Coast Guard, in cooperation with the Applicant, is currently working on drafting and submitting a consultation request with the National Marine Fisheries Service due to potential temporary noise impacts. Concurrence with NMFS will be required before any permit can be issued.

No other impacts are anticipated.

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, 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 at Maxwell.C.Utter@uscg.mil through January 25th, 2026.

Map of location and plans attached.

Maxwell Utter
Bridge Management Specialist
By direction of the Commander,
Southeast Coast Guard District

**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

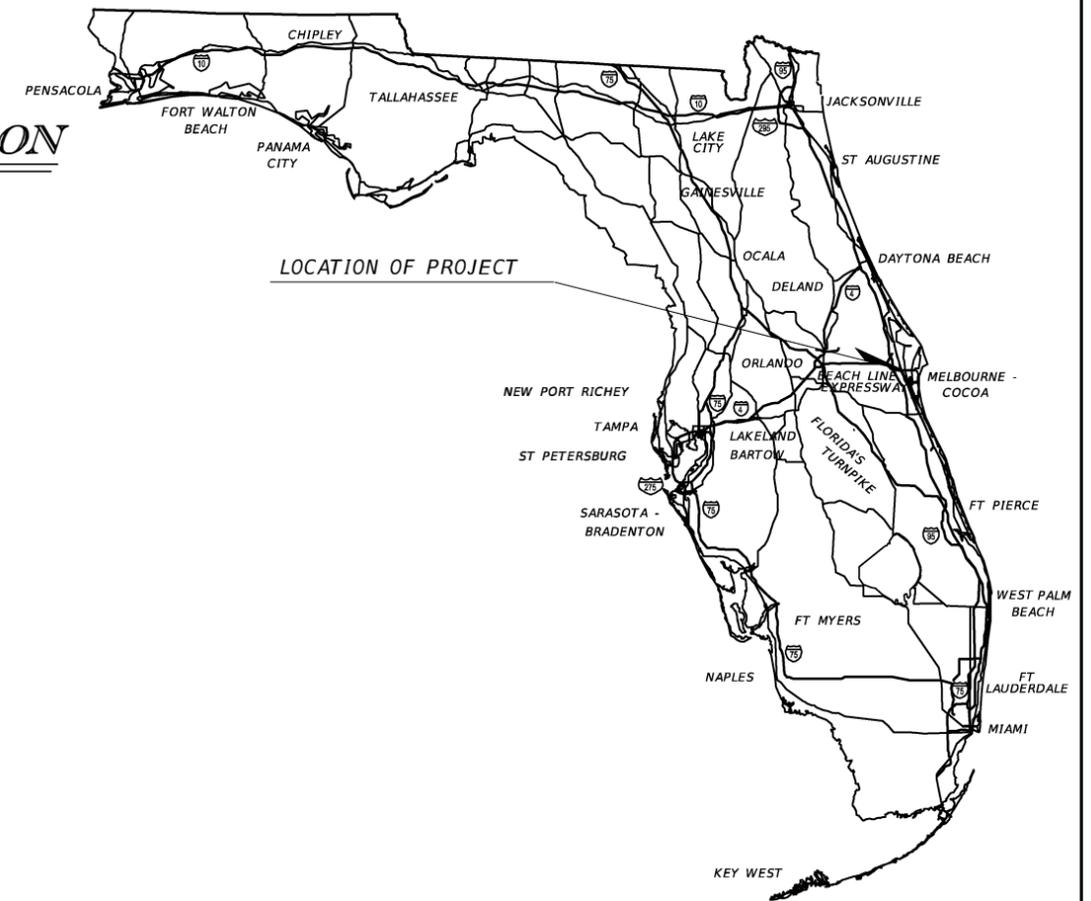
CONTRACT PLANS

FINANCIAL PROJECT ID 407402-4-52-01

BREVARD COUNTY (70070/70080)

STATE ROAD NO. 528

STRUCTURE PLANS



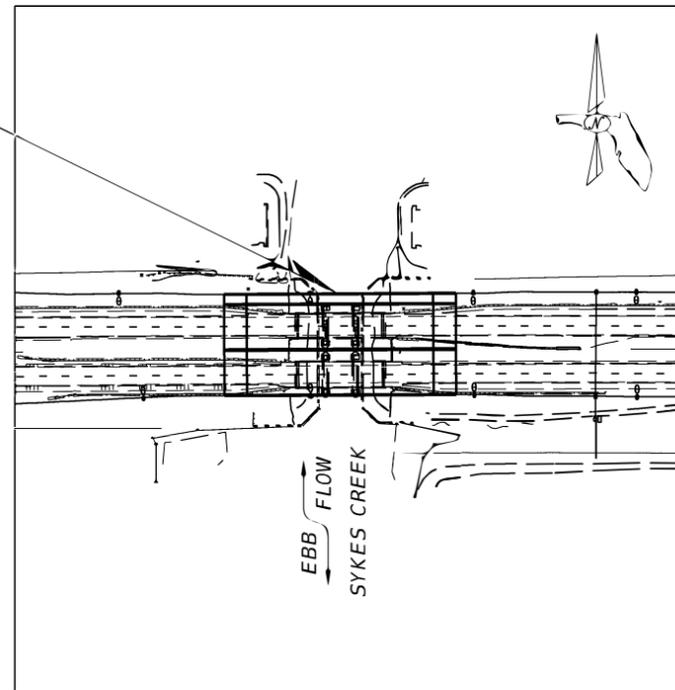
INDEX OF SHEETS

SHEET NO.	SHEET DESCRIPTION
1 OF 4	KEY SHEET

SR 528 OVER SYKES CREEK NEAR PORT CANAVERAL MILE POINT 8.0

2 OF 4	PLAN AND ELEVATION (1 OF 2)
3 OF 4	PLAN AND ELEVATION (2 OF 2)
4 OF 4	TYPICAL SECTION

BRIDGE NO. XXXXXX
SYKES CREEK
BEGIN STA. 1571+38.30
END STA. 1573+85.80



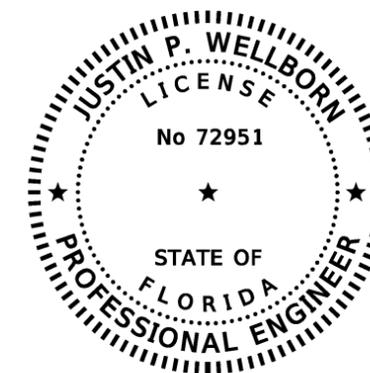
0 50 250
FEET

NO WILDLIFE REFUGES OR HISTORICAL RESOURCES WITHIN THE SCOPE OF THIS PERMIT.

NO TEMPORARY STRUCTURES WITHIN THE SCOPE OF THIS PERMIT.

EXISTING BRIDGE NOS. 700025 AND 700112 TO BE REMOVED.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:



ON THE DATE ADJACENT TO THE SEAL

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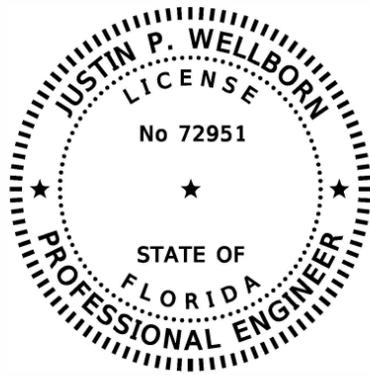
RS&H, INC.
1715 N. WESTSHORE BOULEVARD SUITE 600
TAMPA, FLORIDA 33607-3999
CERTIFICATE OF AUTHORIZATION NO. 5620
JUSTIN P. WELLBORN, P.E. NO. 72951

CONCEPTUAL PLANS UTILIZED TO
OBTAIN COAST GUARD BRIDGE PERMIT

APPLICANT/OWNER:
FLORIDA DEPARTMENT OF TRANSPORTATION

CONSULTANT:
RS&H INC.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	N/A	1 OF 4



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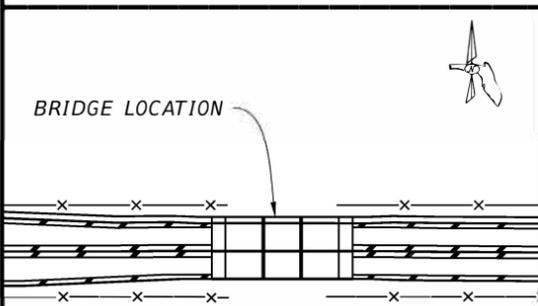
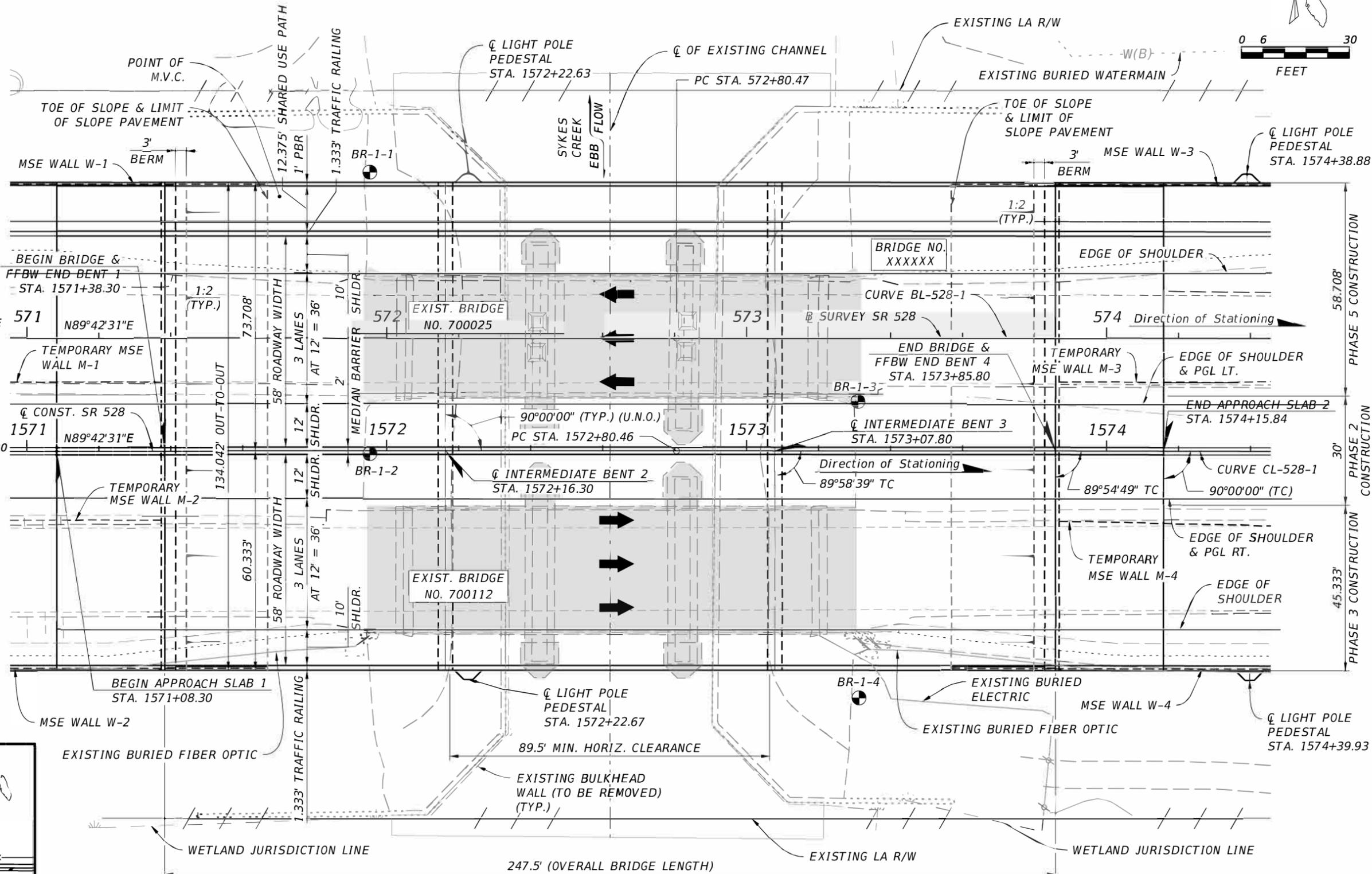
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LEGEND:

- REMOVAL OF EXISTING BRIDGE
- SOIL BORING



NOTES:

1. FOR UTILITY DISPOSITION, SEE UTILITY ADJUSTMENT PLANS.
2. SLOPE PROTECTION NOT SHOWN FOR CLARITY. SEE SLOPE PROTECTION DETAILS.
3. PROPERTY OWNED BY CANAVERAL PORT AUTHORITY.
4. NO PROPOSED BRIDGE PROTECTIVE SYSTEMS.
5. EXISTING STRUCTURE TO BE REMOVED.

PLAN

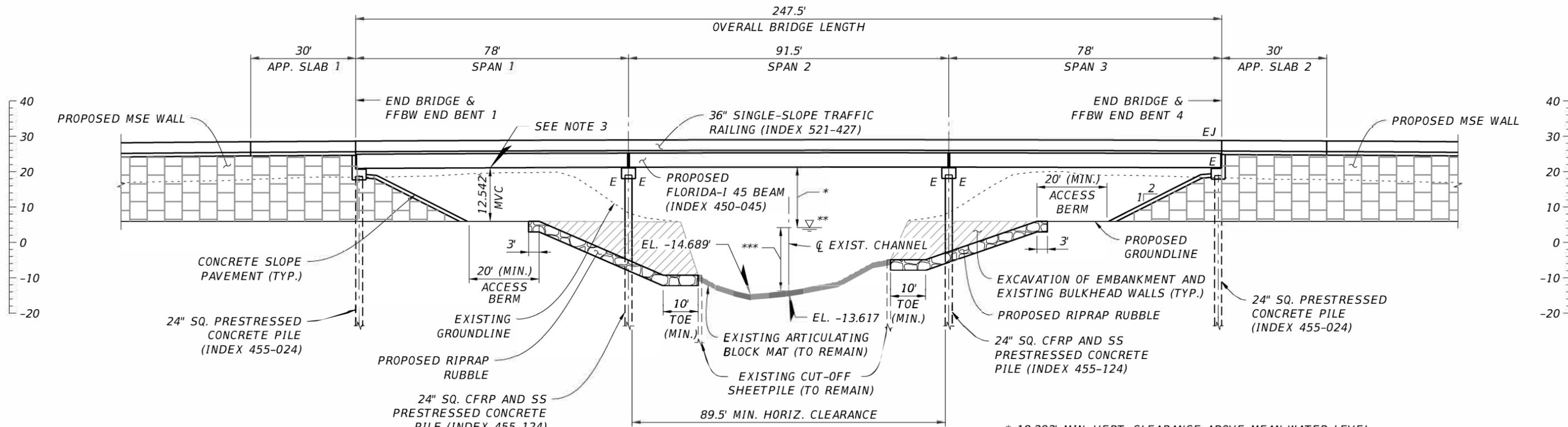
PLAN DATE: 8-14-2025	APPLICANT: FLORIDA DEPARTMENT OF TRANSPORTATION	CONSULTANT: RS&H INC.
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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

JUSTIN P. WELLBORN, P.E.
P.E. LICENSE NUMBER 72951
RS&H, INC.
1715 N. WESTSHORE BOULEVARD, SUITE 600
TAMPA, FLORIDA 33607-3999
CERTIFICATE OF AUTHORIZATION NO. 5620

DRAWN BY: SMB	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
CHECKED BY: CLS	ROAD NO.	COUNTY	FINANCIAL PROJECT ID
DESIGNED BY: SMB	SR 528	BREVARD	407402-4-52-01
CHECKED BY: CLS			

SHEET TITLE: PLAN AND ELEVATION (1 OF 2) SR 528 OVER SYKES CREEK NEAR PORT CANAVERAL	MILE POINT 8.0
PROJECT NAME: SR 528 FROM EAST OF SR 3 TO PORT CANAVERAL INTERCHANGE (GEORGE KING BLVD.)	SHEET NO. 2 OF 4



ELEVATION

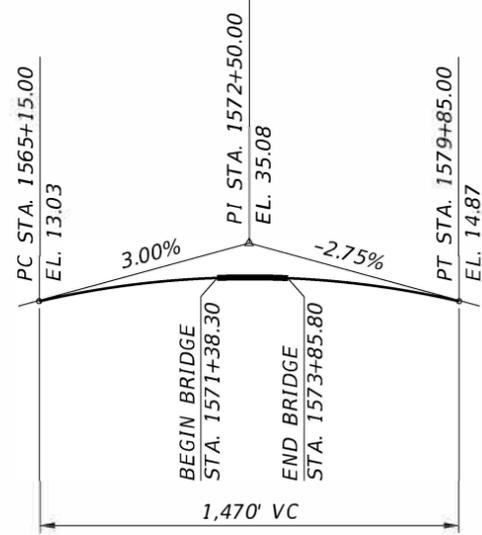
* 18.292' MIN. VERT. CLEARANCE ABOVE MEAN WATER LEVEL
 BASE FLOOD EL. = 2.70 (100 YR.)
 DESIGN FLOOD EL. = 2.00
 ** MEAN WATER LEVEL EL. = -0.70
 *** 12.917' DEPTH FROM MWL AT ϕ CHANNEL

TRAFFIC DATA (SR 528)

CURRENT YEAR ESTIMATE = 2015 AADT = 34,500
 OPENING YEAR ESTIMATE = 2025 AADT = 55,100
 DESIGN YEAR ESTIMATE = 2045 AADT = 69,200
 K = 9.00% D = 56.4% T = 6% (24 HOUR)
 DESIGN HOUR T = 3%
 DESIGN SPEED = 60 MPH

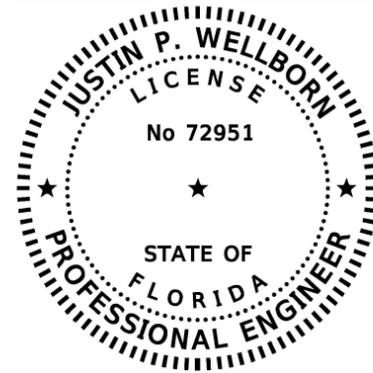
HORIZONTAL CURVE DATA (SR 528)

CURVE CL-528-1
 PI STA. = 1573+90.23
 $\Delta = 0^\circ 10' 49''$ RT
 $D = 0^\circ 04' 55''$
 T = 109.77 FT
 L = 219.53 FT
 R = 69,803.14 FT
 PC STA. = 1572+80.46
 PT STA. = 1574+99.99
 e = NC



**VERTICAL CURVE DATA
 SR 528 OVER SYKES CREEK**

- NOTES:
 1. NO PROPOSED BRIDGE PROTECTIVE SYSTEMS.
 2. EXISTING STRUCTURE TO BE REMOVED.
 3. SPAN 2 LOW MEMBER ELEVATION OVER WATER EL. 17.592
 4. ELEVATIONS ARE NAVD 88.



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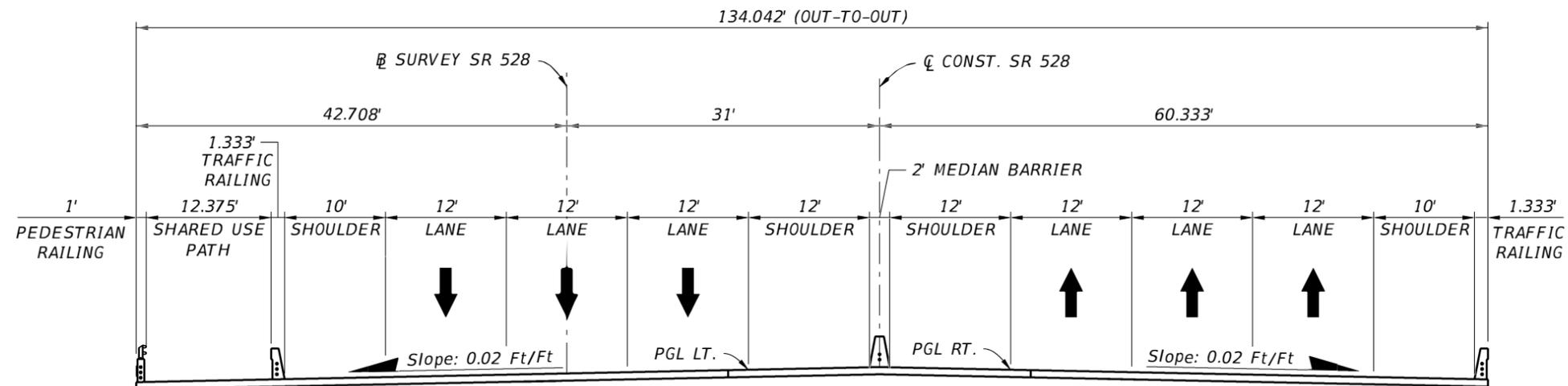
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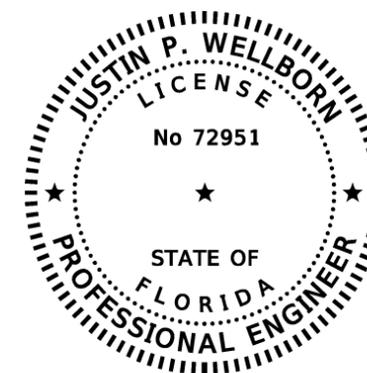
PLAN DATE: 8-14-2025	APPLICANT: FLORIDA DEPARTMENT OF TRANSPORTATION	CONSULTANT: RS&H INC.
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REVISIONS					DRAWN BY: SMB	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET TITLE: PLAN AND ELEVATION (2 OF 2) SR 528 OVER SYKES CREEK NEAR PORT CANAVERAL	MILE POINT 8.0
DATE	BY	DESCRIPTION	DATE	BY		DESIGNED BY: SMB	ROAD NO.	COUNTY		
					CHECKED BY: CLS	SR 528	BREVARD	407402-4-52-01		

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TYPICAL SECTION



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PLAN DATE: 8-14-2025	APPLICANT/OWNER: FLORIDA DEPARTMENT OF TRANSPORTATION	CONSULTANT: RS&H INC.
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REVISIONS						DRAWN BY: JJA	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET TITLE: TYPICAL SECTION SR 528 OVER SYKES CREEK NEAR PORT CANAVERAL	MILE POINT 8.0
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						JUSTIN P. WELLBORN, P.E. P.E. LICENSE NUMBER 72951 RS&H, INC. 1715 N. WESTSHORE BOULEVARD, SUITE 600 TAMPA, FLORIDA 33607-3999 CERTIFICATE OF AUTHORIZATION NO. 5620	SR 528	BREVARD	407402-4-52-01	SR 528 FROM EAST OF SR 3 TO PORT CANAVERAL INTERCHANGE (GEORGE KING BLVD.)	4 OF 4