

U.S. Department of
Homeland Security

United States
Coast Guard



Commander
United States Coast Guard
Seventh District

909 SE 1st Avenue
Miami, FL 33131
Staff Symbol: (dpg)
Phone: (305) 415-6747
Email: Omar.Beceiro@uscg.mil

16591/2521
April 11, 2025

PUBLIC NOTICE 02-25

All interested parties are herein notified that Commander, Seventh Coast Guard District has received an application dated February 24, 2025, from Patel, Greene & Associates on behalf of Florida Department of Transportation (FDOT), District II. The applicant is requesting approval of location and plans for a bridge replacement across a navigable waterway of the United States.

BRIDGE, WATERWAY AND LOCATION: SR105/Heckscher Drive Bridge across Browns Creek, Mile 0.05, at Jacksonville, Duval County, Florida.

CHARACTER OF WORK:

Florida Department of Transportation proposes to replace the fixed, SR105/Heckscher Drive Bridge with a new, fixed bridge along the same general horizontal alignment as the existing bridge. The new bridge will carry two, 12-foot travel lanes, 10-foot outside shoulders, single slope traffic railings, a ten-foot sidewalk, a ten-foot shared use path, and concrete parapets. A temporary bridge will be constructed on the south side of the existing bridge to accommodate vehicle traffic during construction. Vertical clearance of the temporary bridge will be no less than that of the existing bridge. The existing bridge will be completely removed and pilings cut two feet below the mud line.

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

	Existing (Feet)	Proposed (Feet)
Vertical	8.7	9
Horizontal	30	30

Datum: NAVD88

ENVIRONMENTAL CONSIDERATIONS:

Florida Department of Transportation, through the Federal Highway Administration, will serve as the lead federal agency for satisfying requirements of the National Environmental Policy Act (NEPA) and is acting on behalf of the U.S. Coast Guard (USCG) for all environmental control laws. A Type 1 Categorical Exclusion (CATEX) was issued on July 16, 2024, for the purposes of the NEPA. The USCG has tentatively determined the proposed action will not have a significant impact for the purposes of NEPA for the project.

A water quality certification in accordance with Section 401 of the Clean Water Act, as amended, for this project will be obtained from St. Johns River Water Management District (SJRWMD) via a general permit. The project will impact approximately 0.21 acres of wetlands.

The applicant determined the project is consistent with Florida's coastal zone management program. Concurrence will be provided as part of the SJRWMD permit for this project.

The bridge is in the base floodplain; however, the proposed project will not have a significant adverse impact on natural and beneficial floodplain values. Approximately 599 cubic yards of fill material will be placed below mean high water level for the construction of the bridge and approaches.

	100 Year Floodplain	Low Member
Elevation	8.10	10.27

Datum: NAVD88

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 a 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 impacts to navigation.

We will forward comments of an environmental nature such as those regarding wildlife refuges, public parks, historic sites, wetlands, floodplain issues, air, water quality, etc. to FDOT, the lead federal agency.

Comments will be received for the record at the office of: Commander (dpb), 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. Comments received will be made part of the project administrative record.

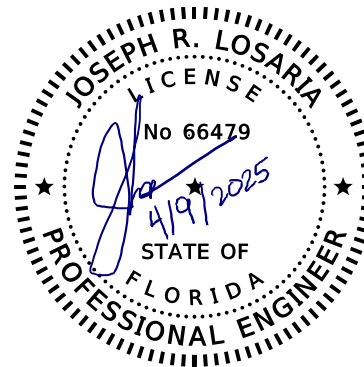
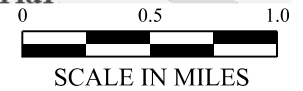
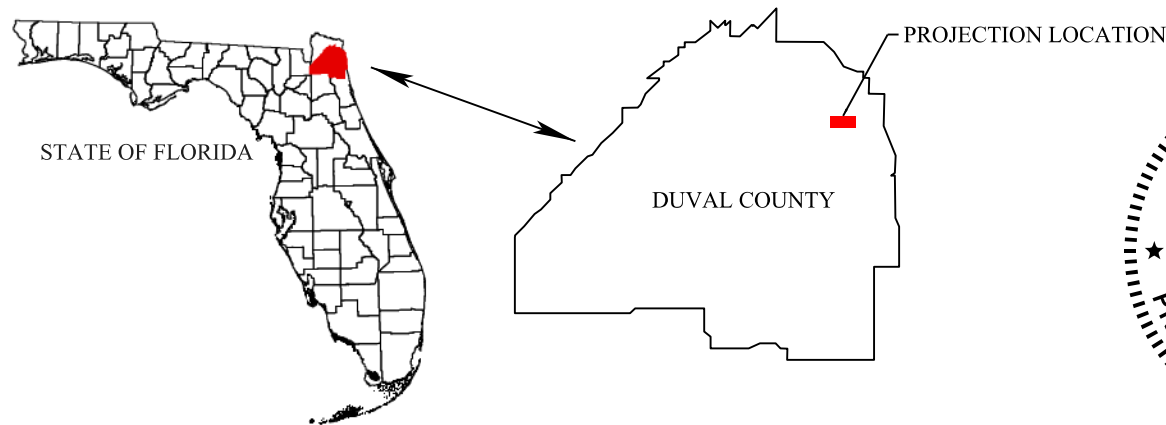
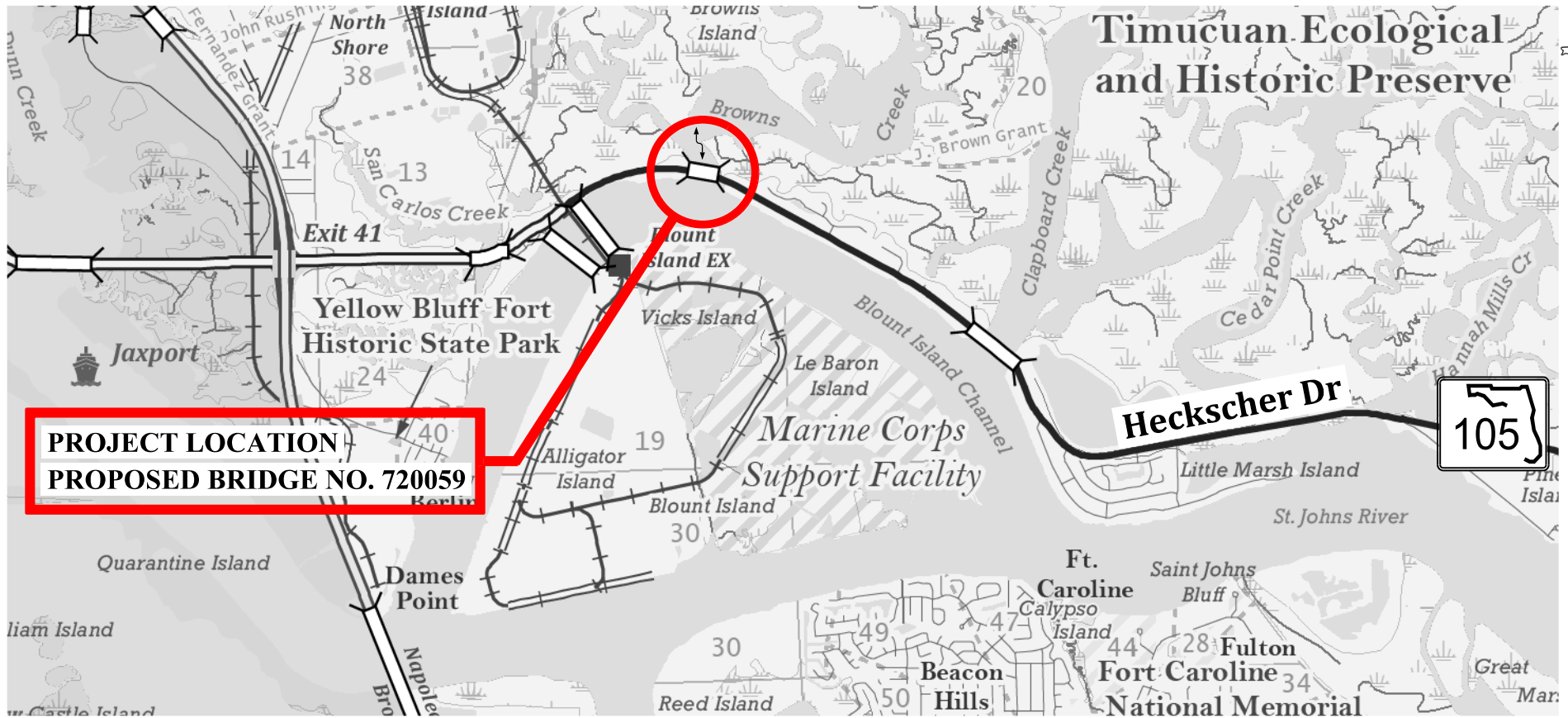
Map of location and conceptual plans attached.



OMAR BECEIRO

Bridge Management Specialist
U.S. Coast Guard

VICINITY MAP



DATUM
NAVD 88

NOTE:

1. CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.

CONSULTANT:

JOSEPH R. LOSARIA, P.E.
License Number: 66479
PATEL, GREENE & ASSOCIATES, LLC
12570 TELECOM DRIVE
TEMPLE TERRACE, FL 33637

APPLICANT:

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

DATE

12/06/2024

COUNTY

DUVAL

FINANCIAL PROJECT ID

448825-1-52-01

SHEET TITLE:

LOCATION/VICINITY MAP
FOR COAST GUARD PERMIT

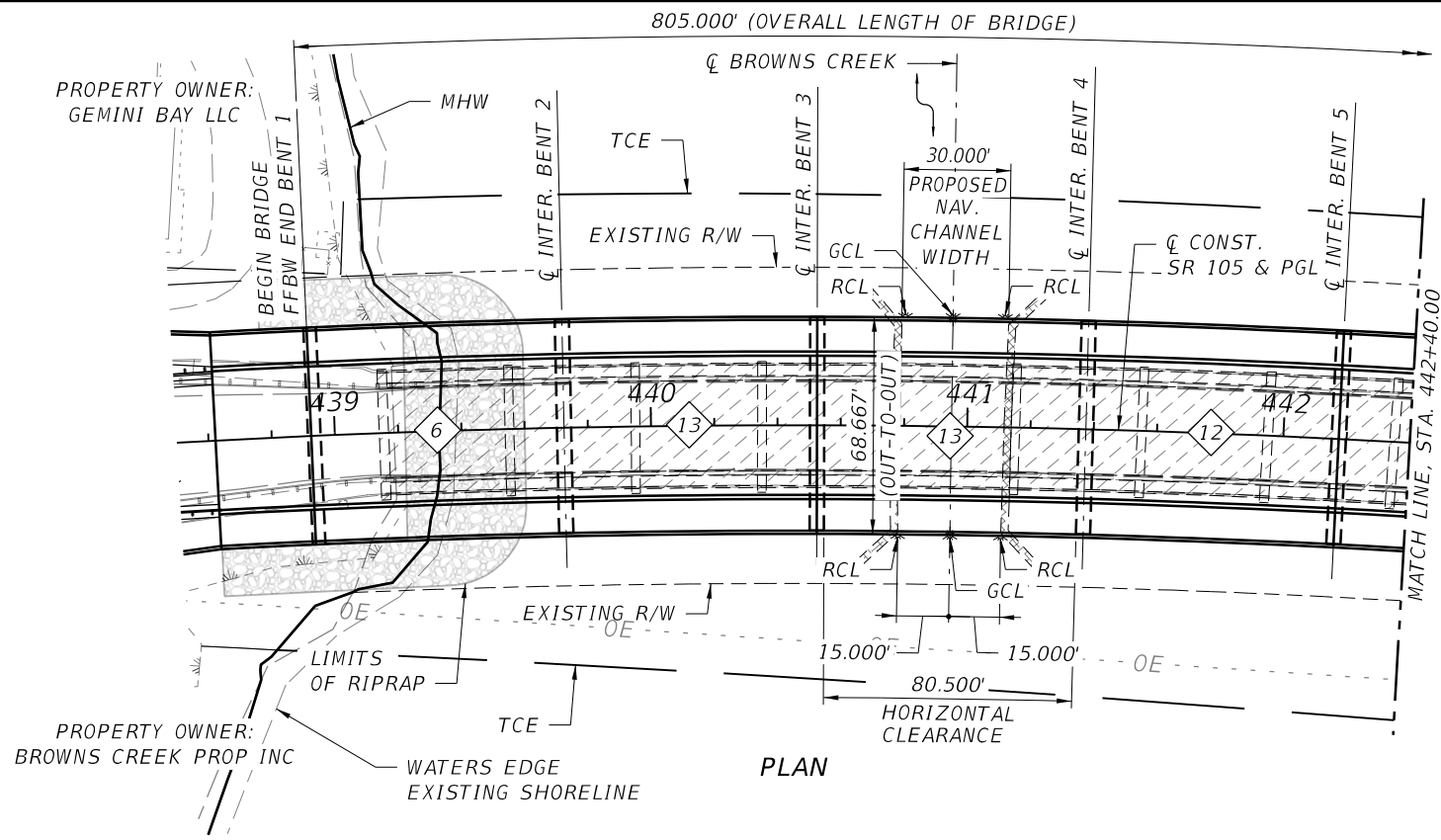
PROJECT NAME:

SR 105 (HECKSCHER DRIVE)
OVER BROWNS CREEK MILE POINT 8.081 TO 8.238

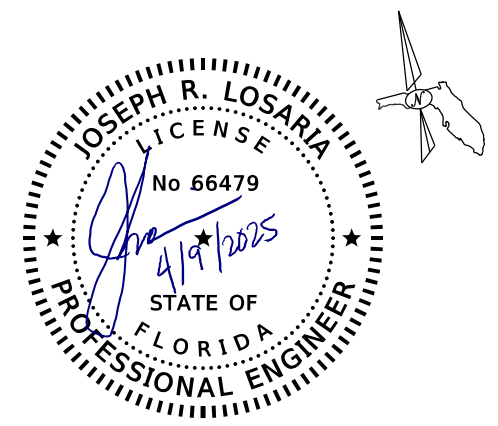
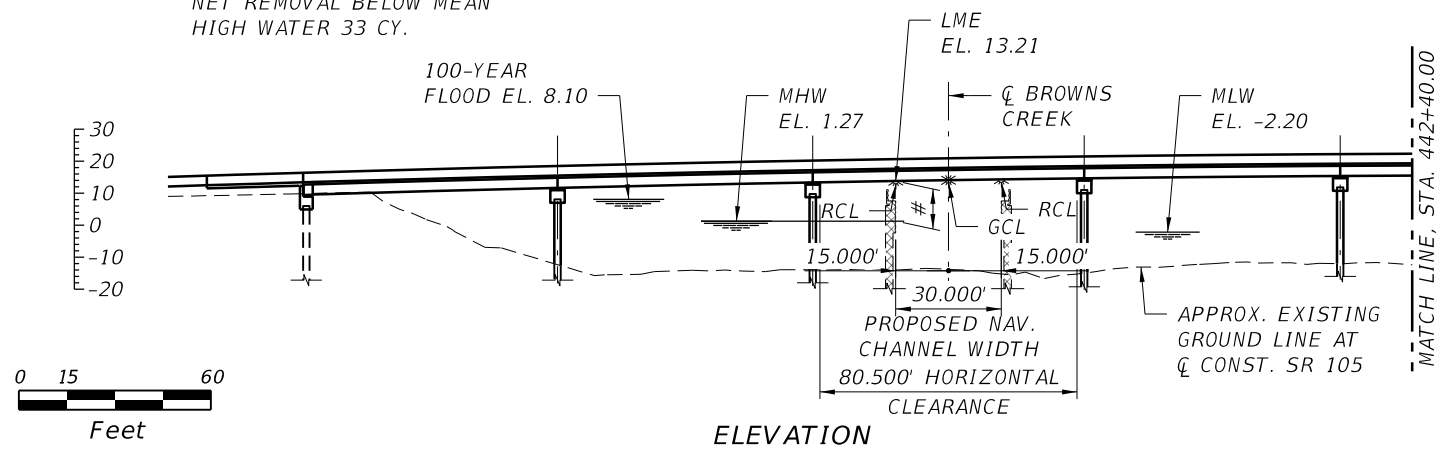
SHEET NO.

1 OF 7

10:10:09 AM USER: craig.kuty
c:\pwworkdir\patelgreene-pw-01\pwworkdir\dms4820\B1PlanElev\USCG01.dgn



NOTE:
NET REMOVAL BELOW MEAN
HIGH WATER 33 CY.

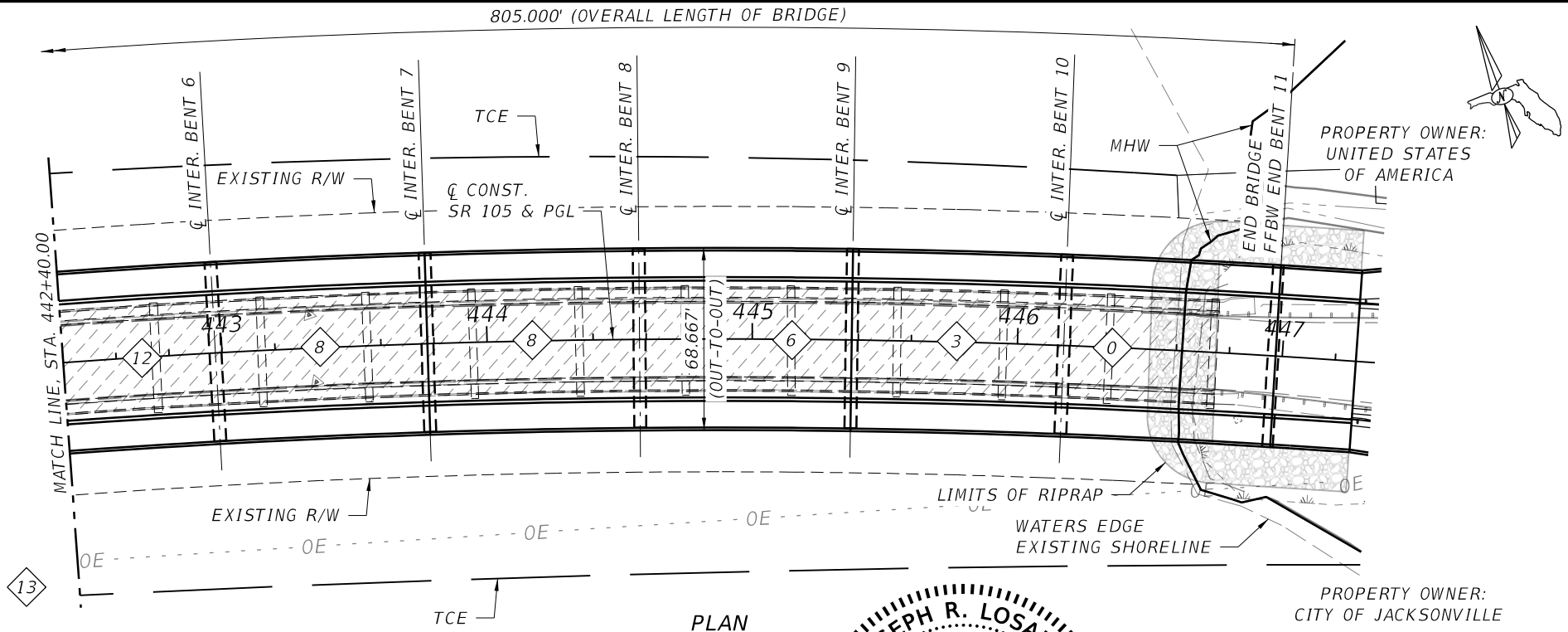


EXCAVATION DATA	
MATERIAL	QUANTITY (CY)
RIPRAP	308
DREDGE	567
FILL	599

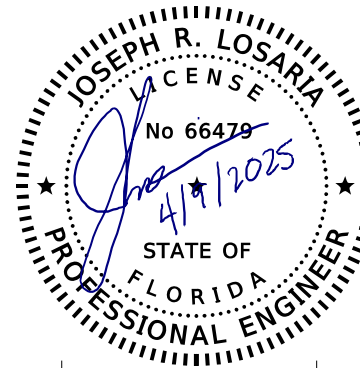
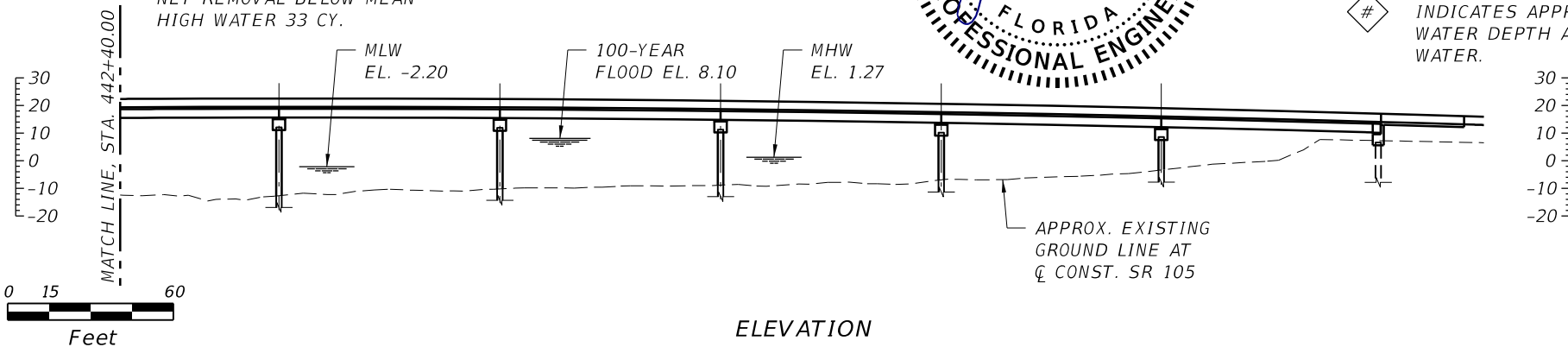
- LEGEND:
- INDICATES APPROXIMATE LIMITS OF EXISTING BRIDGE TO BE REMOVED.
 - INDICATES APPROXIMATE LIMITS OF EXISTING TIMBER FENDER SYSTEM TO BE REMOVED.
 - # INDICATES 9.000' (MIN.) NAVIGATIONAL CLEARANCE.
 - INDICATES APPROXIMATE WATER DEPTH AT MEAN LOW WATER.

CONSULTANT: JOSEPH R. LOSARIA, P.E. License Number: 66479 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	APPLICANT: STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET TITLE: PLAN AND ELEVATION - PERMANENT BRIDGE (1 OF 2) FOR COAST GUARD PERMIT	
	DATE	COUNTY	FINANCIAL PROJECT ID	PROJECT NAME:	SHEET NO.
	12/06/2024	DUVAL	448825-1-52-01	SR 105 (HECKSCHER DRIVE) OVER BROWNS CREEK MILE POINT 8.081 TO 8.238	2 OF 7

4/18/2025 10:10:14 AM USER: craig.kutchy c:\pwworkdir\patel\greene-pw-01\pwworkdir\paw_user\dms4820\B1PlanElev\USCG02.dgn



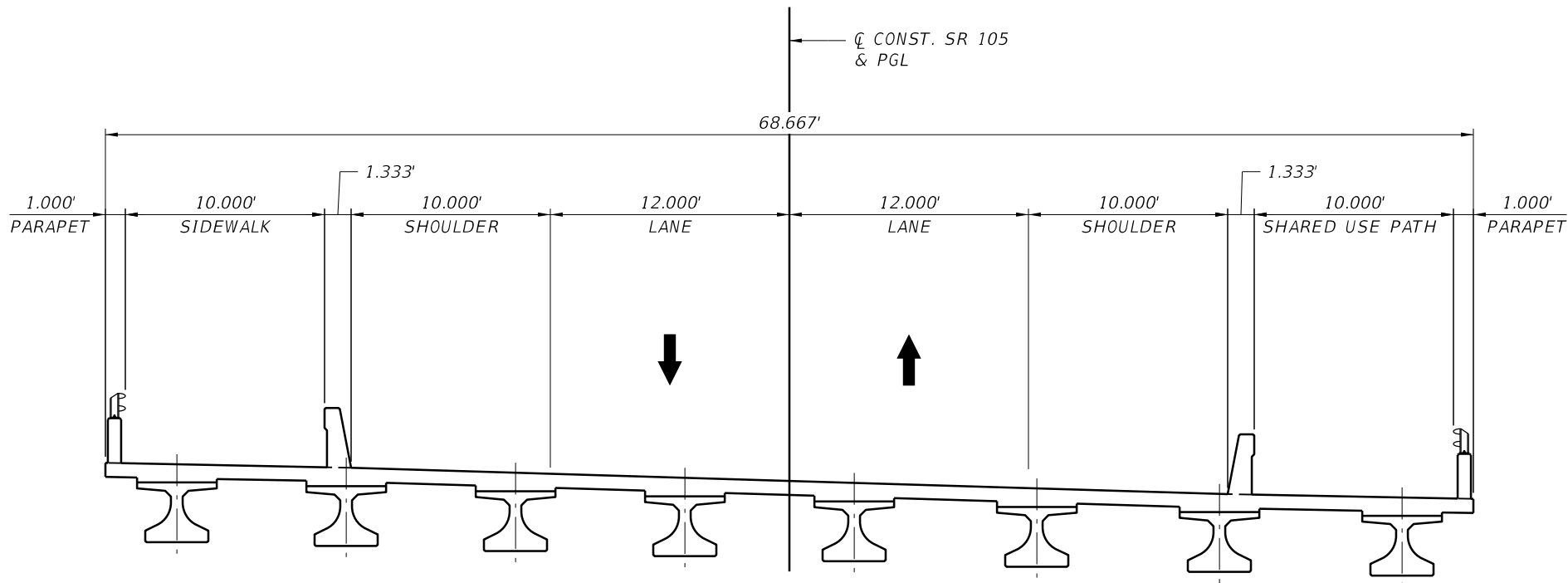
NOTE:
NET REMOVAL BELOW MEAN
HIGH WATER 33 CY.



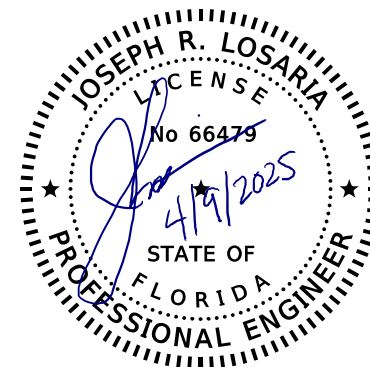
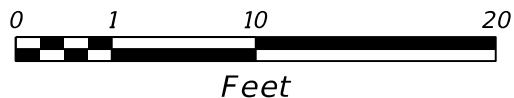
LEGEND:

- INDICATES APPROXIMATE LIMITS OF EXISTING BRIDGE TO BE REMOVED.
- INDICATES APPROXIMATE WATER DEPTH AT MEAN LOW WATER.

CONSULTANT: JOSEPH R. LOSARIA, P.E. License Number: 66479 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	APPLICANT: STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET TITLE: PLAN AND ELEVATION - PERMANENT BRIDGE (2 OF 2) FOR COAST GUARD PERMIT	
	DATE	COUNTY	FINANCIAL PROJECT ID	PROJECT NAME:	SHEET NO.
	12/06/2024	DUVAL	448825-1-52-01	SR 105 (HECKSCHER DRIVE) OVER BROWNS CREEK MILE POINT 8.081 TO 8.238	3 OF 7

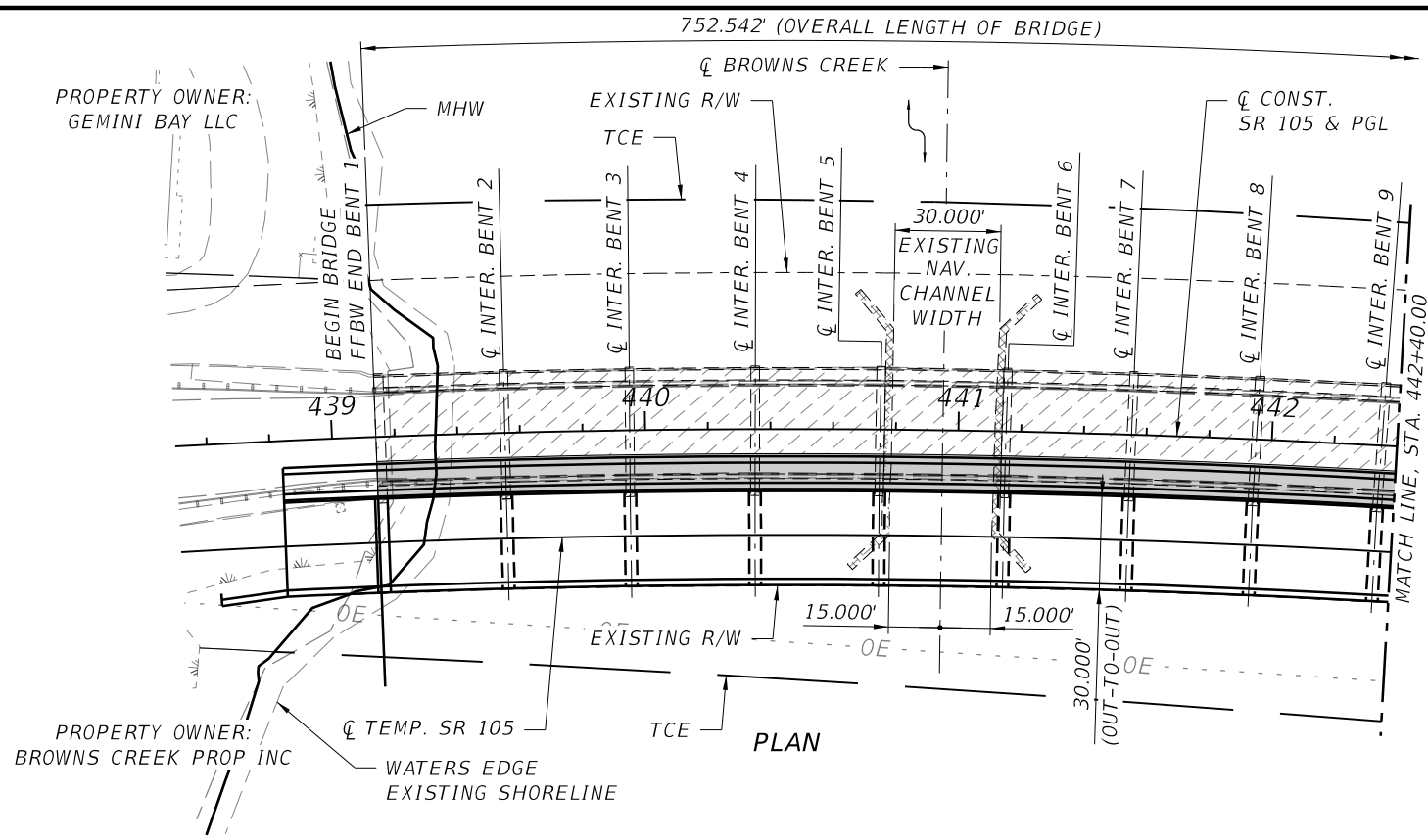


TYPICAL SECTION - PERMANENT BRIDGE

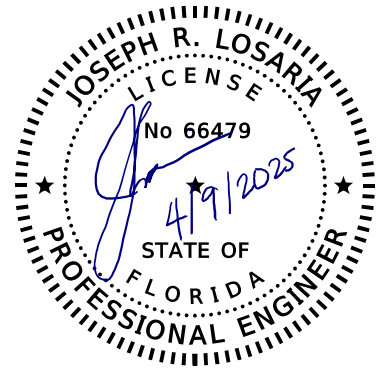
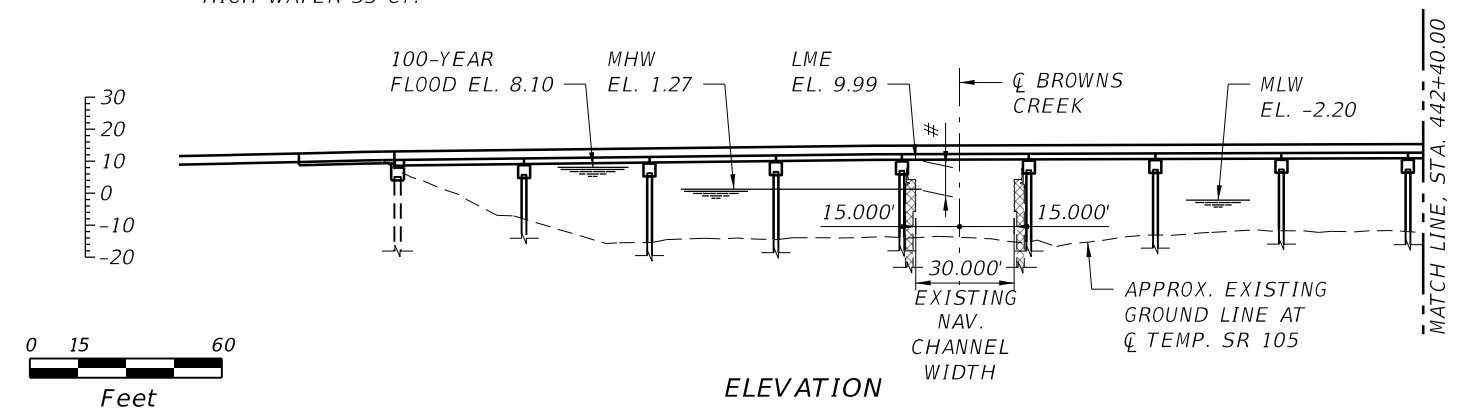


CONSULTANT: JOSEPH R. LOSARIA, P.E. License Number: 66479 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	APPLICANT: STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET TITLE: TYPICAL SECTION - PERMANENT BRIDGE FOR COAST GUARD PERMIT	
	DATE	COUNTY	FINANCIAL PROJECT ID	PROJECT NAME:	SHEET NO.
	12/06/2024	DUVAL	448825-1-52-01	SR 105 (HECKSCHER DRIVE) OVER BROWNS CREEK MILE POINT 8.081 TO 8.238	4 OF 7

10:10:25 AM USER: craig.kuthy
c:\pwworkdir\patelgreene-pw-01\pwworkdir\dms54820\B1PlanElev\Temp\USCG01.dgn



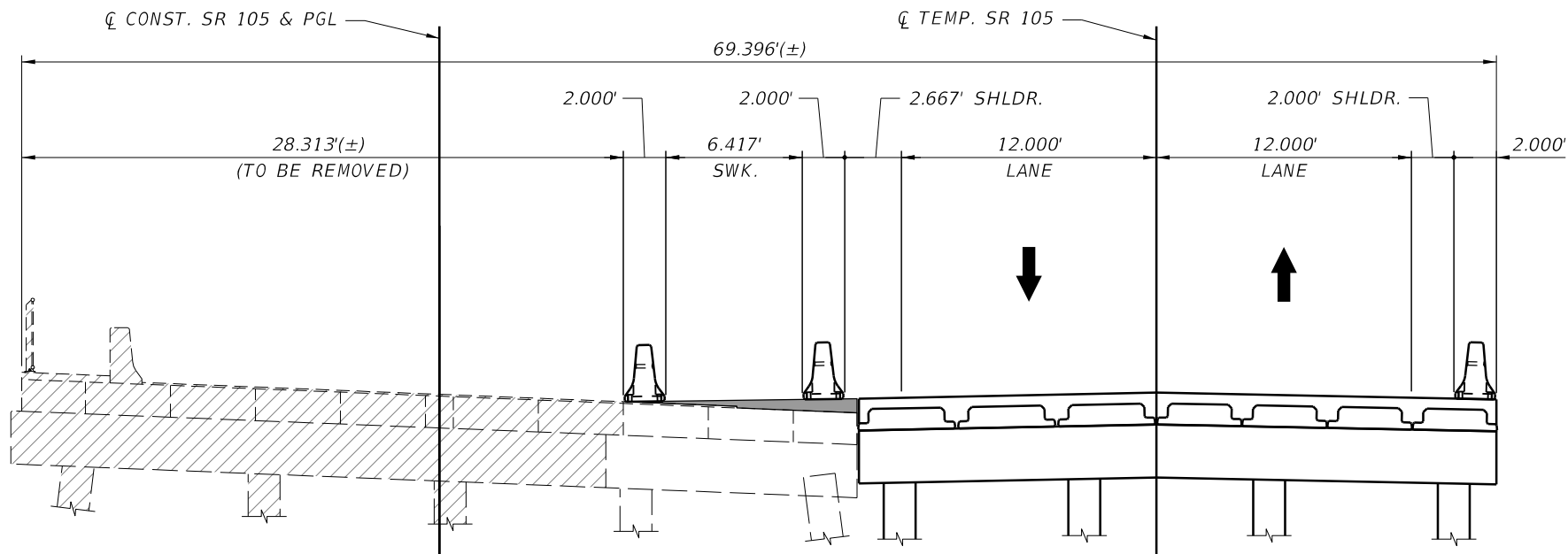
NOTE:
NET REMOVAL BELOW MEAN
HIGH WATER 33 CY.



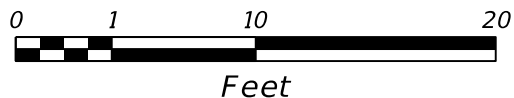
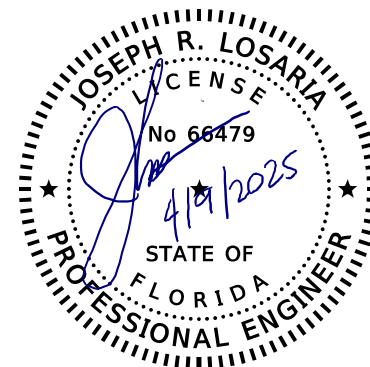
LEGEND:

- INDICATES APPROXIMATE LIMITS OF EXISTING BRIDGE TO BE REMOVED.
- INDICATES APPROXIMATE LIMITS OF EXISTING BRIDGE TO REMAIN.
- INDICATES APPROXIMATE LIMITS OF EXISTING TIMBER FENDER SYSTEM TO BE REMOVED.
- # INDICATES 8.720' (MIN.) VERTICAL CLEARANCE

CONSULTANT: JOSEPH R. LOSARIA, P.E. License Number: 66479 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	APPLICANT: STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET TITLE: PLAN AND ELEVATION - TEMPORARY BRIDGE (1 OF 2) FOR COAST GUARD PERMIT	
	DATE	COUNTY	FINANCIAL PROJECT ID	PROJECT NAME:	SHEET NO.
	12/06/2024	DUVAL	448825-1-52-01	SR 105 (HECKSCHER DRIVE) OVER BROWNS CREEK MILE POINT 8.081 TO 8.238	5 OF 7



TYPICAL SECTION - TEMPORARY BRIDGE



CONSULTANT: JOSEPH R. LOSARIA, P.E. License Number: 66479 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	APPLICANT: STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET TITLE: TYPICAL SECTION - TEMPORARY BRIDGE FOR COAST GUARD PERMIT	
	DATE 12/06/2024	COUNTY DUVAL	FINANCIAL PROJECT ID 448825-1-52-01	PROJECT NAME: SR 105 (HECKSCHER DRIVE) OVER BROWNS CREEK MILE POINT 8.081 TO 8.238	SHEET NO. 7 OF 7

10:10:35 AM USER: craig.kuthy
 c:\pwworkdir\patelgreene-pw-01\pwworkdir\dms54820\B1\TypicalSection\USCG02.dgn