



March 23, 2016

PUBLIC NOTICE (01-16)

BRIDGE PERMIT APPLICATION REPLACE THE BRIDGE ACROSS COOKS BAYOU, MILE 4.05, AT COUNTY ROAD 2297 IN CALLAWAY, BAY COUNTY, FLORIDA

All interested parties are notified that an application from FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) on behalf of BAY COUNTY BOARD OF COMMISSIONERS (BAY COUNTY) has been received by the Commander, Eighth Coast Guard District, for approval of the enclosed plans to construct a bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Cooks Bayou Bridge, Mile 4.05 at County Road (CR) 2297 in Callaway, Bay County, Florida.

CHARACTER OF WORK: The applicant proposes to replace the existing 2-lane culvert bridge across Cooks Bayou. The existing roadway consists of an 11-foot lane and a variable 0-4 foot wide paved shoulder in each direction. Originally, two culverts were installed within the causeway to provide for tidal exchange and the return of storm-induced flow from the drainage basin into Cooks Bayou and downstream, Laird Bayou. The applicant submits that the northern culvert has sunk below the normal water elevation and does not provide adequate water flow, hindering transit of the area by vessel. The southern culvert provides between 2 to 4 feet of clearance through a tidal cycle, and tidal and storm-induced flow is restricted by the size of the culvert and the existence of the only two openings of the causeway. The applicant proposes to improve water vessel transit beneath the existing structure and improve public safety for traffic using CR 2297 by building a 2-lane bridge just west of the existing roadway; removing the existing roadway and culverts; and removing the rip rap armoring on the west side of the roadway. The applicant submits that an additional benefit of the project is that removal of the culverts will improve tidal exchange between the east and west sides of the bridge.

MINIMUM NAVIGATIONAL CLEARANCES:

Existing:

Horizontal: 10 feet
between culverts, normal to the axis of
the channel

Vertical: 3.0 feet above Mean High Water
(MHW), MHW elevation 0.77 feet
North American Vertical Datum of 1988 (NAVD 88)

Proposed:

Horizontal: 37.50 feet
between piers, normal to the axis of
the channel

Vertical: 8.18 feet above MHW (NAVD 88)

ENVIRONMENTAL CONSIDERATIONS: The Federal Highway Administration (FHWA), as lead federal agency, has made a tentative determination that the proposed project is a Categorical Exclusion for the purposes of the National Environmental Policy Act (NEPA) because it satisfies criteria for such action listed in the Coast Guard's implementation instructions. FHWA approval of this determination is evidenced by a signature of August 12, 2015, by an FHWA representative on an FDOT Type 2 Categorical Exclusion (CE) Determination form signifying concurrence in the FDOT finding that the proposed project meets the requirements for classification as a Categorical Exclusion. Provided that no environmental issues are disclosed by this Public Notice, the Coast Guard will issue a CE as the final environmental documentation for this project which satisfies the criteria for such action listed in the Coast Guard's implementation instructions. The Coast Guard's permitting action will be limited to the bridge and its approaches.

Construction is in a floodplain with a 100-year flood elevation of 6.60 feet, North American Vertical Datum of 1988 (NAVD88). No parkland, recreational areas, or wildlife refuges are affected. The project does not have any effects on environmental justice. The applicant proposes to impact 0.09 acres of fringing emergent wetlands. On the northwest quadrant of the replacement bridge footprint, 0.03 acre of low quality shrubby habitat is impacted; on the southwest quadrant, a 0.06 acre wetland area is impacted. Additionally, the applicant proposes to remove 3,820 cubic yards of dredge material from the navigational channel and place 360 cubic yards of rip rap as fill in the channel in association with this work. Application has been made for U.S. Army Corps of Engineers permits under Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act of 1899, and in those applications, the applicant has offered a compensatory mitigation plan to offset unavoidable functional loss to the aquatic environment through the purchase of wetland mitigation credits. A portion of the proposed work may qualify for a Nationwide Permit. The applicant has furnished verification of Water Quality Certification (WQC) granted on September 15, 2015.

The project is located in the Florida's coastal zone, and the applicant has been issued a finding of consistency with Florida's Coastal Zone Management Program, as required by Section 307 of the Coastal Zone Management Act, dated September 15, 2015. The Bay County Community Development Department, Planning and Zoning Division floodplain Manager provided a letter of August 7, 2015, reflecting the agency's determination that "the subject bridge will not have any negative impact to the floodplain in the immediate area. The proposed bridge and design elevations will only serve to improve the flood risk in the Cooks Bayou floodplain."

According to the Environmental Protection Agency (EPA), Bay County is in attainment status for 2015 for criteria pollutants. The applicant states in the environmental impact summary for the Categorical Exclusion that there are no anticipated impacts to air quality given that the project is not designed to increase traffic. The permit applicant may be required to furnish a statement from Florida Department of Environmental Protection, Division of Air Resource Management that the project meets the requirements of the State Implementation Plan on air quality.

A Phase I Cultural Resources Assessment Survey for the subject bridge replacement project was performed during the Categorical Exclusion review process by a subcontractor of the applicant. The subcontractor determined that the proposed project will have no adverse impacts to cultural resources listed, or eligible for listing in the National Register of Historic Places, or otherwise of archaeological, historical, or architectural significance. The subcontractor identified one

previously unrecorded archaeological site (8BY1633) within the project corridor. Therefore, in the CE, the applicant committed to prohibit the storage and staging of materials and construction vehicles and equipment outside of the roadway right-of-way in the vicinity of the archaeological site. In accordance with Section 106 of the National Historic Preservation Act of 1966, the subcontractor coordinated with the Florida Division of Historical Resources, State Historic Preservation Officer, who provided a letter of concurrence with the subcontractor's determination in a letter dated May 13, 2013.

The applicant has coordinated with the National Marine Fisheries Service (NMFS), Habitat Conservation Division (NMFS), which reviewed the project for Essential Fish Habitat coordination. On March 4, 2013, NMFS provided the following comments: "NMFS's main concern regarding the project is related to a seagrass bed that lies just west of the existing right-of-way. NMFS recommends that the construction vessels (e.g. work boats, barges) be prohibited from traversing or anchoring over any sea grass beds in the vicinity of the project. In addition, Best Management Practices should be employed to control project-related turbidity, and prevent sedimentation of the nearby seagrass beds. If the recommended measures are followed, NMFS anticipates that any adverse effects that might occur on marine and anadromous fishery resources will be minimal." As a result of NMFS coordination, in the CE, the applicant committed to prohibit all construction vessels from traversing or anchoring near or over the existing seagrass beds located in the northwest quadrant of the project. Further, the applicant committed to employ enhanced erosion control measures including silt fencing and floating turbidity barriers to control project-related turbidity and to prevent sedimentation onto the seagrass beds.

The applicant has coordinated with the U.S. Fish and Wildlife Service, which determined on October 30, 2013, that "[t]his project should have minimal impacts to fish and wildlife resources...and is not likely to adversely affect any species under the Endangered Species Act, as amended..."

Additionally, on February 25, 2015, the Florida Wildlife Conservation Commission provided comments on the proposed project as follows: "It is our recommendation that the following measures, if they are made conditions to the permit, will satisfy the requirements of 373.414(1)(a)2 Florida Statutes: (1) The Standard Manatee Construction Conditions for In-water Work (2011) must be followed for all in-land water activity." The Commission further stated that if that requirement is incorporated in to the authorization and followed by the applicant, no significant adverse impacts are expected.

The information represented on the project drawings is subject to change before permit issuance.

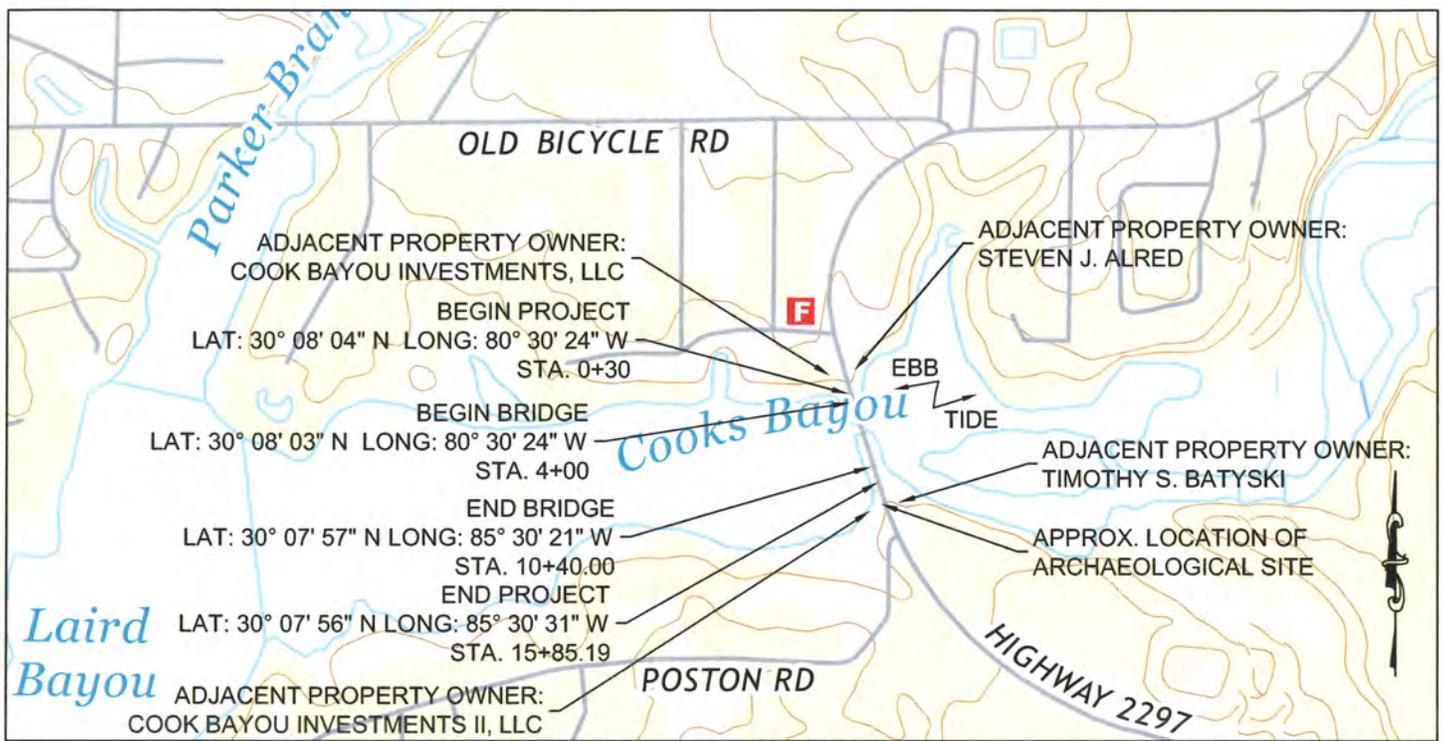
SOLICITATION OF COMMENTS: Interested parties are requested to express their views to the Coast Guard, in writing, giving sufficient details to establish a clear understanding of reasons

for support or opposition. Comments will be received at the Eighth Coast Guard District, Bridge Administration Branch, at the address given in the letterhead through April 26, 2016.

//s//

DAVID M. FRANK
Chief, Bridge Administration Branch
By direction of the Commander
Eighth Coast Guard District

This is a web-searchable copy and it is not the official, signed version; however, other than the signature being omitted, it is a duplicate of the official version.



LOCATION/VICINITY MAP

SCALE: 1 INCH = 1,000 FEET



(IN FEET)



TYPE OF CONSTRUCTION:
STRUCTURAL, CIVIL,
ELECTRICAL



NOTE:
ELEVATIONS SHOWN IN
THESE PLANS ARE
BASED ON NAVD '88.

March 17, 2016 (08:51:46 EST)
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EB# 0006155

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VICINITY MAP
CR 2297 BRIDGE REPLACEMENT
COOKS BAYOU BRIDGE #464141 - MILE POINT = 4.05 MILES
BAY COUNTY BOARD OF CO. COMMISSIONERS
BAY COUNTY, FLORIDA

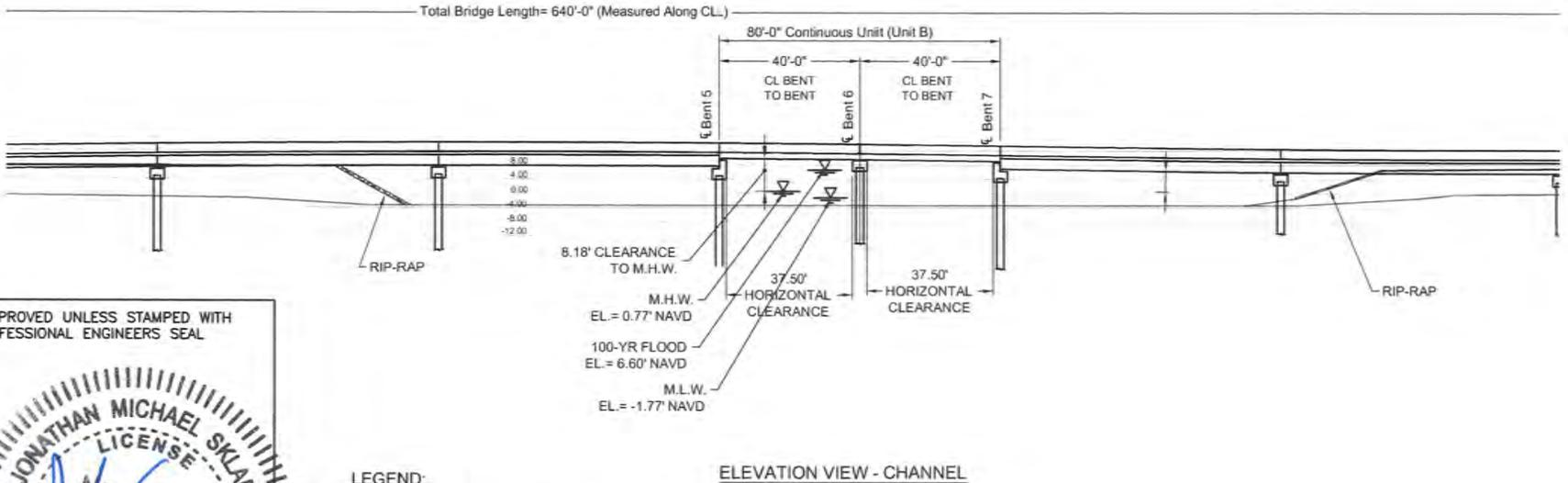
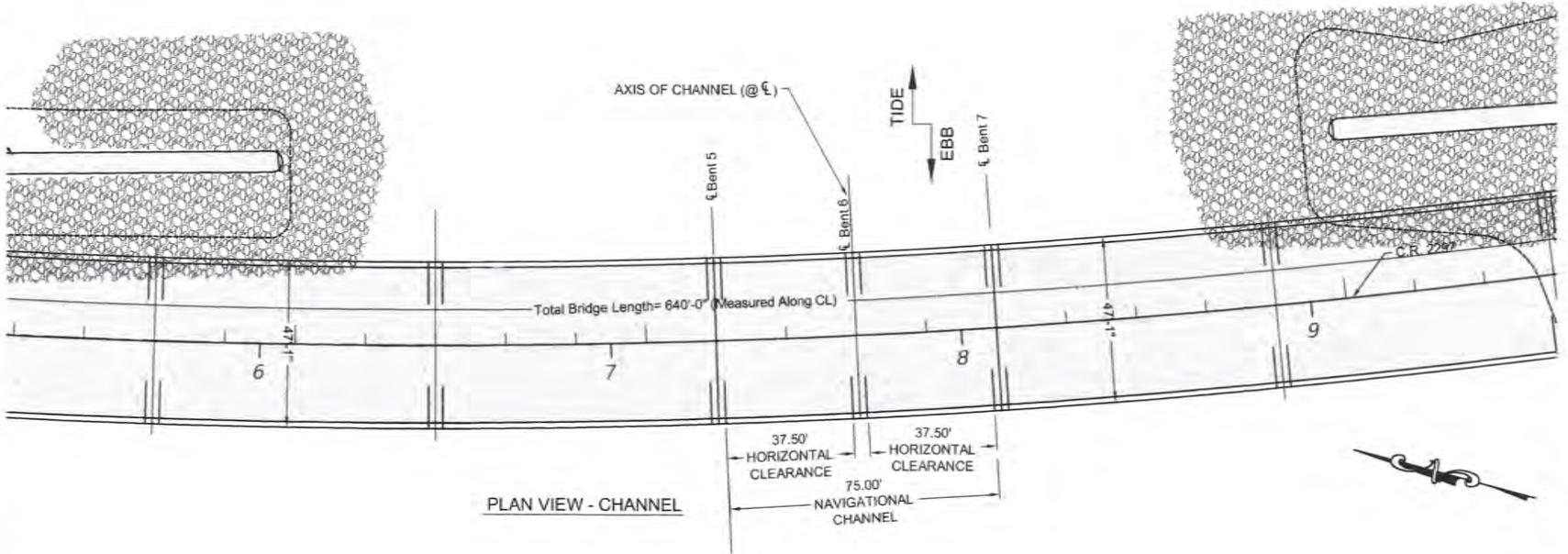
DATE: MARCH 2016	PROJECT NO. 784.002
SCALE: AS SHOWN	SHEET 1 OF 5
DRAWN: BWR	
CHECKED: JM	



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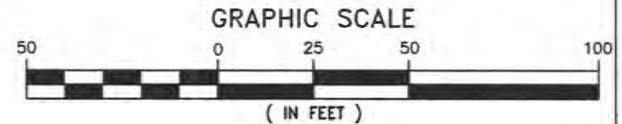
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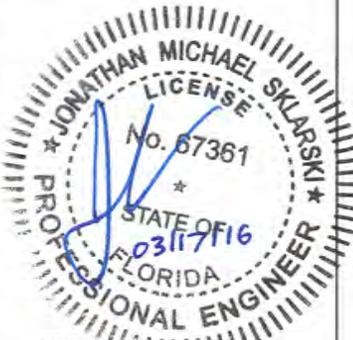
LEGEND:

- PROPOSED RIP-RAP
- PROPOSED GROUND

NOTE:
ELEVATIONS SHOWN IN THESE PLANS ARE BASED ON NAVD '88.



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JONATHAN M. SKLARSKY
FL P.E. NO. 67361

NAVIGATIONAL CHANNEL

CR 2297 BRIDGE REPLACEMENT
COOKS BAYOU BRIDGE #464141 - MILE POINT = 4.05 MILES
BAY COUNTY BOARD OF CO. COMMISSIONERS
BAY COUNTY, FLORIDA

DATE:	MARCH 2016	PROJECT NO.:	784.002
SCALE:	AS SHOWN	DRAWN:	BMS
CHECKED:	JM	SHEET:	2 OF 5

EB# 0006195



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March 17, 2016 (08:41:05 EST)
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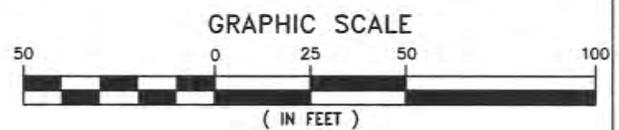
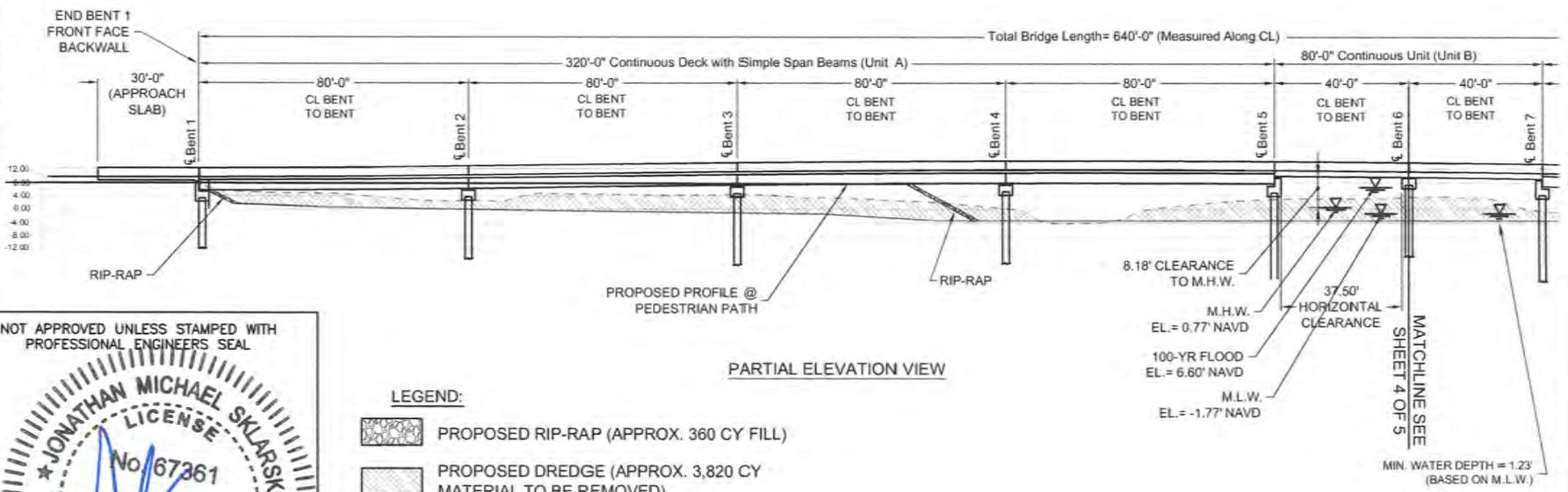
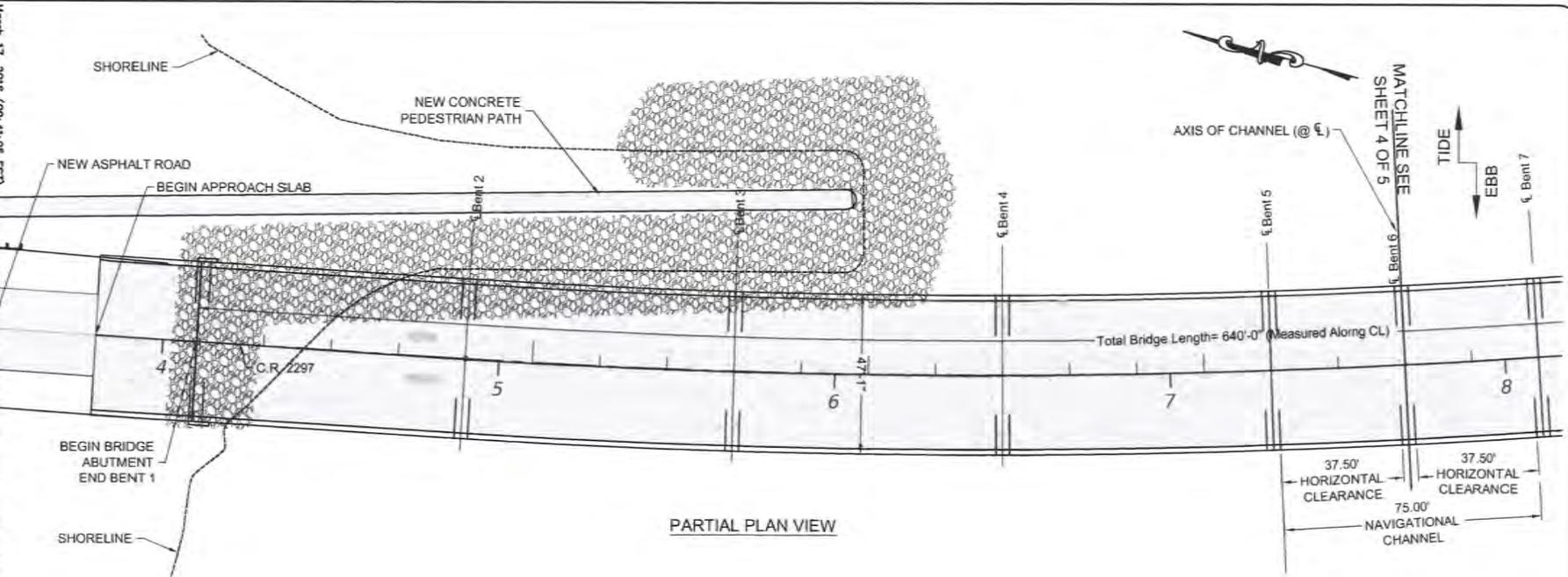
PROPOSED CONDITIONS

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JONATHAN M. SKLARSKI
FL P.E. NO. 67361

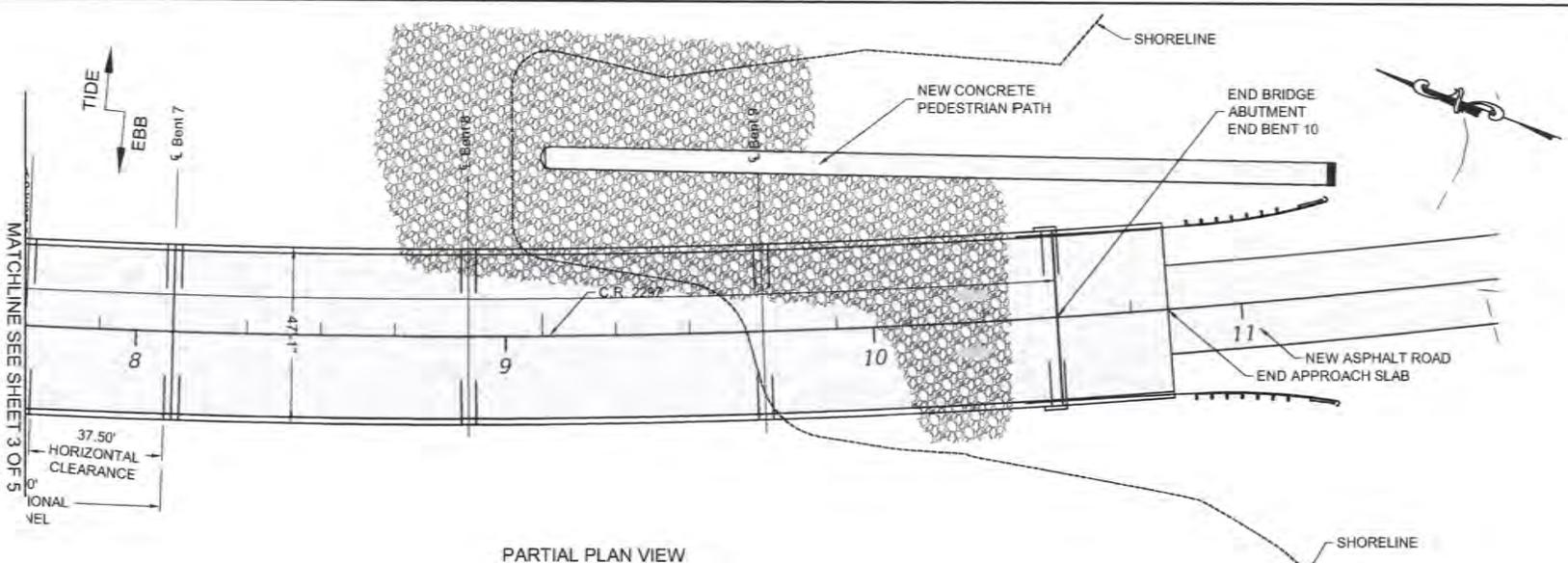
- LEGEND:**
- PROPOSED RIP-RAP (APPROX. 360 CY FILL)
 - PROPOSED DREDGE (APPROX. 3,820 CY MATERIAL TO BE REMOVED)
 - EXISTING GROUND AT CR 2297
 - PROPOSED GROUND (DREDGE) AT CR 2297

NOTE:
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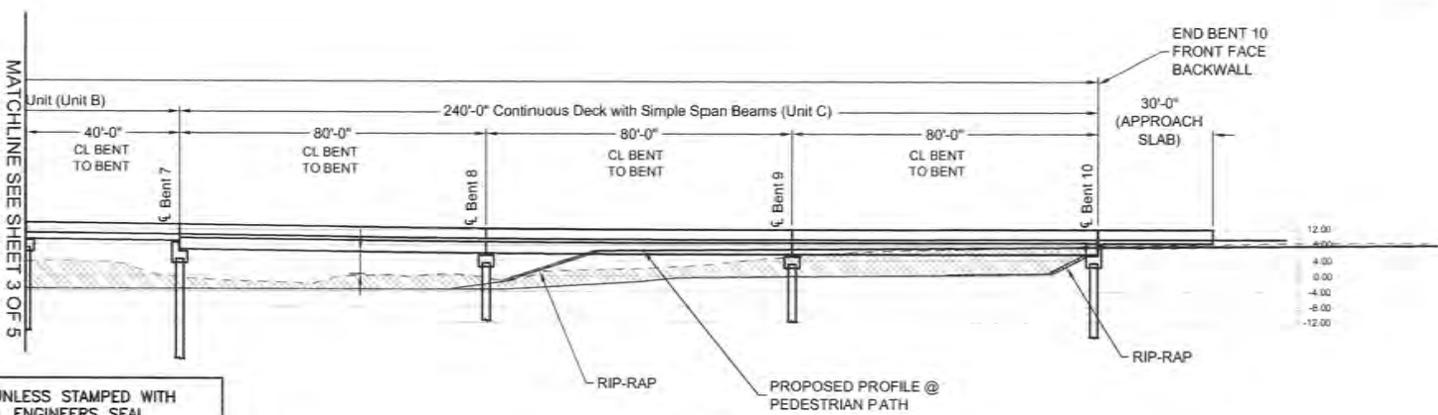


CR 2297 BRIDGE REPLACEMENT
COOKS BAYOU BRIDGE #464141 - MILE POINT = 4.05 MILES
BAY COUNTY BOARD OF CO. COMMISSIONERS
BAY COUNTY, FLORIDA

DATE: MARCH 2016
SCALE: AS SHOWN
DRAWN: BWR
CHECKED: JIM
PROJECT NO.: 784.002
SHEET: 3 OF 5
E#0006155



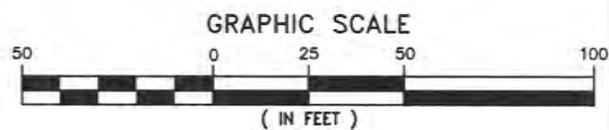
PARTIAL PLAN VIEW



PARTIAL ELEVATION VIEW

- LEGEND:**
-  PROPOSED RIP-RAP (APPROX. 33 CY FILL)
 -  PROPOSED DREDGE
 -  EXISTING GROUND AT CR 2297
 -  PROPOSED GROUND (DREDGE) AT CR 2297

NOTE:
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March 17, 2016 (09:41:05 EST)
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PROPOSED CONDITIONS

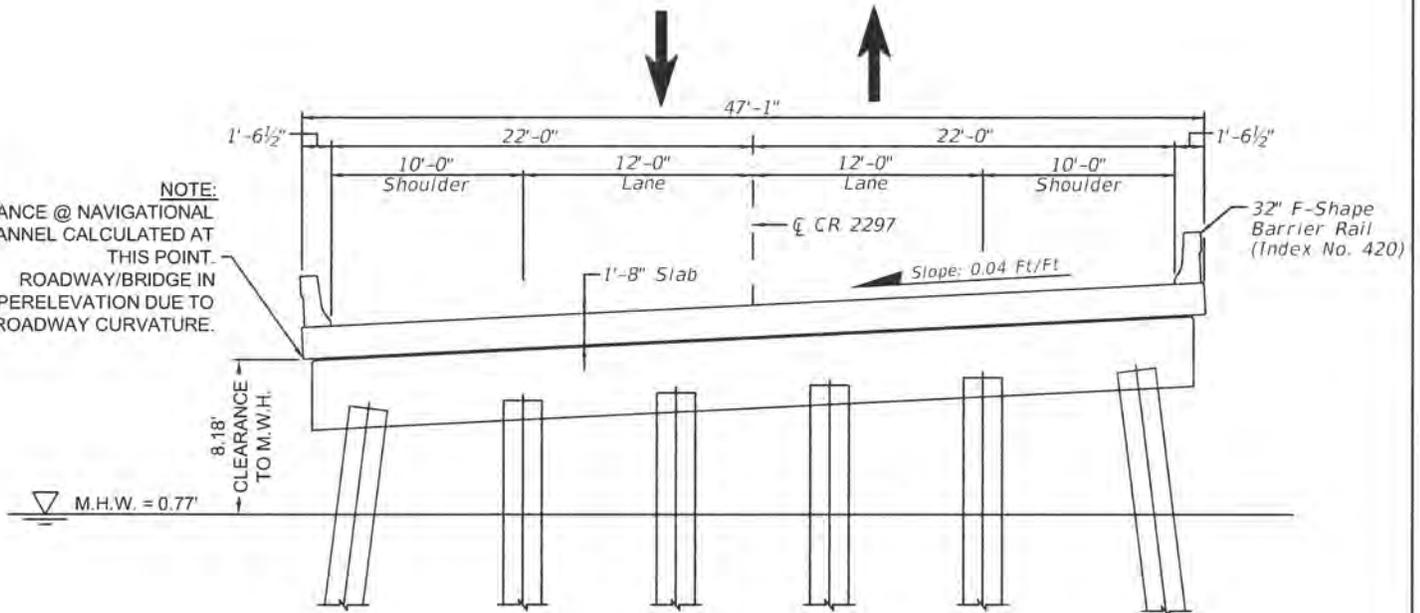
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BAY COUNTY BOARD OF CO. COMMISSIONERS
BAY COUNTY, FLORIDA

DATE: MARCH 2016
SCALE: AS SHOWN
DRAWN: BMM
CHECKED: JM

PROJECT NO.: 784.002
SHEET: 4 OF 5

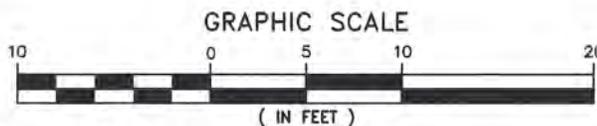
EBR 0001155

NOTE:
CLEARANCE @ NAVIGATIONAL
CHANNEL CALCULATED AT
THIS POINT.
ROADWAY/BRIDGE IN
SUPERELEVATION DUE TO
ROADWAY CURVATURE.



**40' SPAN TYPICAL SECTION
(BENT 5 & BENT 6)**

NOTE:
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TYPICAL SECTION
CR 2297 BRIDGE REPLACEMENT
COOKS BAYOU BRIDGE #464141 - MILE POINT = 4.05 MILES
BAY COUNTY BOARD OF CO. COMMISSIONERS
BAY COUNTY, FLORIDA

DATE: MARCH 2016	PROJECT NO. 784.002
SCALE: AS SHOWN	SHEET 5 OF 5
DRAWN: BWR	
CHECKED: JM	