



16591/3943
January 6, 2020

PUBLIC NOTICE (01-20)

All interested parties are notified that the Commander, Seventh Coast Guard District has received an application from the Monroe County, Florida, requesting approval of the location and plans for the demolition and reconstruction of a bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Unnamed, manmade canal, M 0.0, Sugarloaf Boulevard, 3.5 M NW of Cudjoe Bay, Upper Sugarloaf Sound, Sugarloaf Key Monroe County, Fl. Lat/Long: 24.638267, - 81.555372.

CHARACTER OF WORK: The project proposes to replace the existing fixed, three-span Sugarloaf Boulevard Bridge (CR 939) crossing an unnamed canal along the same alignment. The proposed bridge is a single span, fixed concrete slab structure accommodating 2 vehicle travel lanes, a sidewalk and shoulders, and dividing wall between the travel lanes and the sidewalk. The existing bridge length is 123 ft. The proposed bridge length will be 96 ft. The out-to-out width of the existing bridge is 27 ft. The width of the new bridge will be 36.13 ft. The upland portion of the canal face has eroded since construction in 1961, resulting in a submerged shelf, approximately 1 foot deep that has been colonized by seagrasses. The eroded shelf will be reconstructed with a bulkhead wall and cap to support the northern abutment of the bridge. New slope protection will be constructed at the abutments. The depth of the waterway is 7.76 ft. at MHW.

MINIMUM NAVIGATIONAL CLEARANCES:

Existing Clearances

Horizontal:

39.77 ft. between face of piles

Vertical: NAVD88

10 ft. above Mean High Water (MHW)

10.34 ft. above Mean Low Water

Proposed Clearances

Horizontal:

76 ft. between abutments

Vertical:

11.5 ft. above MHW (-.24 ft. el.)

11.84 ft. above Mean Low Water

ENVIRONMENTAL CONSIDERATIONS:

The Coast Guard, the lead Federal agency, has made a tentative determination that the proposed bridge project is a categorical exclusion (CATEX) for the purposes of the National Environmental Policy Act (NEPA) because it satisfies criteria for such actions listed in Department of Homeland Security (DHS) Directive 023-01 (series). Documents are available for review at the above address, Monday through Friday, 8:00 a.m. to 4:00 p.m.

Analysis of the project area indicated that the project would not result in adverse effects as described in Section 106 of the National Historic Preservation Act of 1966.

The shoreline has eroded along the northwestern canal bank, creating a narrow subtidal shelf approximately three to five feet wide. Wetland impacts directly attributable to the proposed bridge structures total 0.012 acres of surface water habitat associated with reconstructing the eroded area (shelf) on the northwest (north) bank of the canal.

The bridge is located in the floodplain. The project area is located in Zone AE with a 100-year flood elevation determined to be 10 feet. A design flood elevation of 6.4 ft. (NAVD 88) was determined for the 50-year return interval storm. The hydraulic modeling determined a base flood elevation of 9.2 ft. (NAVD 88) for the 100-year return frequency storm. Low member elevation of the bridge is 11.26 ft (NAVD 88).

The South Florida Water Management District (SFWMD) is the certifying agency, as defined in 40 CFR § 121.1(e), for issuance of Water Quality Certification (WQC) pursuant to Section 401, Public Law 92-500, 33 U.S.C. Section 1341. In accordance with Florida Administrative Code, issuance of an Environmental Resource General Permit constitutes certification of compliance with applicable water quality standards. Permit #44-102465-P was issued 2 December 2019.

The initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the area. Consultation has been initiated with the national Marine Fisheries Service. The initial determination is that the proposed action would not have a substantial adverse impact on endangered species in the project area. Consultation has been initiated with the US Fish and Wildlife Service.

Removal of Existing Bridge

The bridge will be removed and replaced in two phases, moving all traffic to the northern lane (bi-directional) while the southern lane is demolished and rebuilt. The northern lane will be demolished and rebuilt while the traffic is shifted to the completed bi-directional southern lane. An existing water main and force main will be removed from the existing bridge and replaced onto the proposed bridge during construction. The existing bridge will be demolished in two separate phases using heavy equipment such as cranes, lifts, concrete saws, jackhammers and other concrete removal tools. No blasting is anticipated.

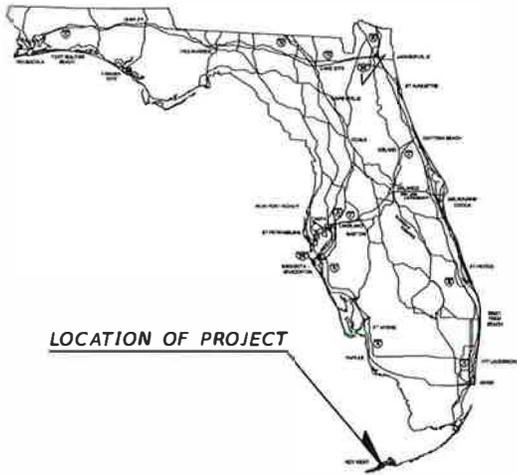
Anticipated Impacts to Navigation during Construction:

The main construction work will be carried out from land using land based cranes. Boat traffic will be minimally restricted during bank stabilization and slab placement. Mariners will be notified of the details of in-water construction activities which will impact the navigation channel at and around the bridge site. Details of any navigational impacts will be disseminated to mariners via the Coast Guard's Local Notice to Mariners (LNM). To subscribe to the Coast Guard LNM and other free Coast Guard navigation notification services, please visit <http://www.navcen.uscg.gov/> under "Subscribe / Report (free)" select the notifications you wish to receive; note this project is located in the Seventh Coast Guard District area.

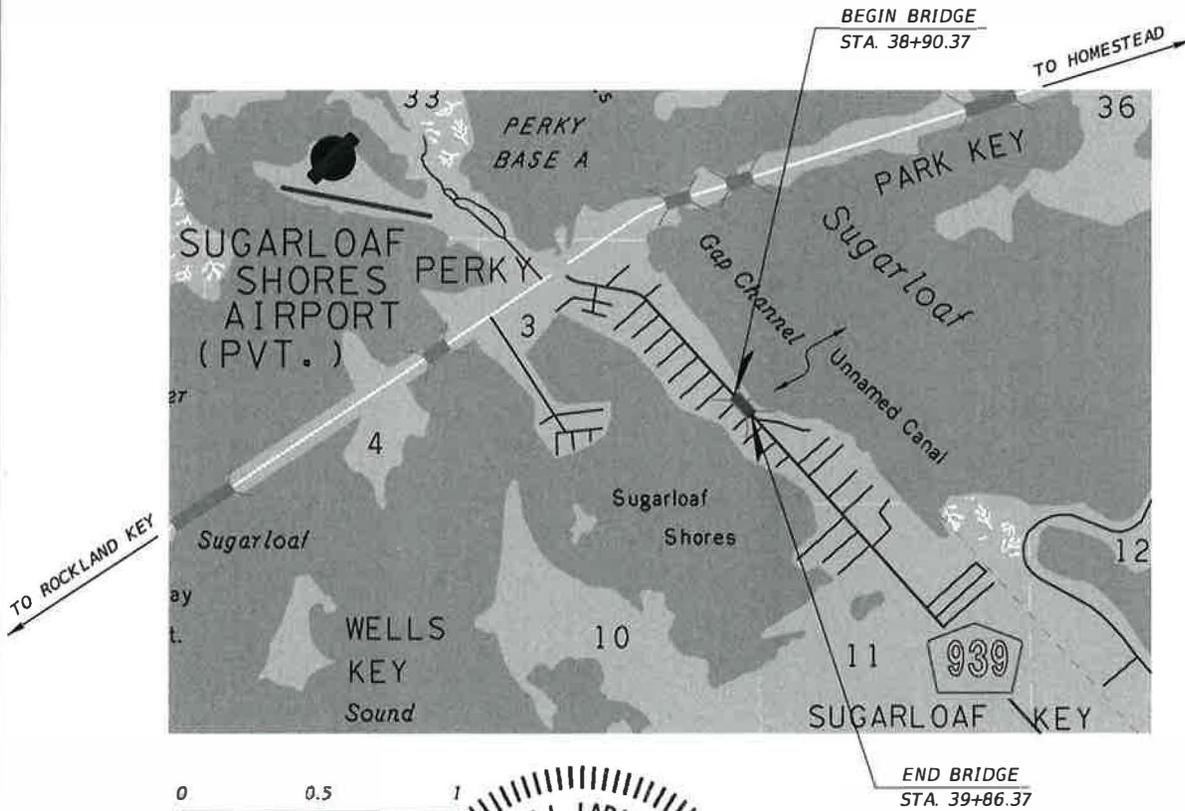
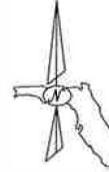
SOLICITATION OF COMMENTS:

Mariners are requested to comment on the proposed vertical and horizontal navigational clearances and other navigational safety issues including, but not limited to, the extent of nighttime navigation, need for bridge fendering, and impacts due to construction activities. Interested parties are requested to express their views, in writing, on the proposed bridge project including its possible impact on minority and/or low income population, if any, giving sufficient detail to establish a clear understanding of their reasons for support of, or opposition to, the proposed work. 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, for a 30-day period from the date of this public notice. Our project manager for this application is Ms. Lisia Kowalczyk, who can be contacted by telephone at (305) 415-6932 by mail at the above address, or e-mail at lisia.j.kowalczyk@uscg.mil. Comments received will be made part of the case record.

Map of location and plans attached.



LOCATION OF PROJECT



CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT

APPLICANT: Monroe County
 CONSULTANT: Kisinger Campo & Associates
 BRIDGE NAME: Sugarloaf Boulevard
 WATERWAY NAME: Unnamed canal
 WATERWAY MILE POINT: 0.0
 LOCATION: Lower Sugarloaf Key, Monroe County, Florida
 PLANS DATE: September 19, 2019

JASON L. LABARBERA, P.E.
 P.E. LICENSE NUMBER 64004
 KISINGER CAMPO AND ASSOCIATES
 201 N. FRANKLIN STREET SUITE 400
 TAMPA, FL 33602
 CERTIFICATE OF AUTHORIZATION: 02317

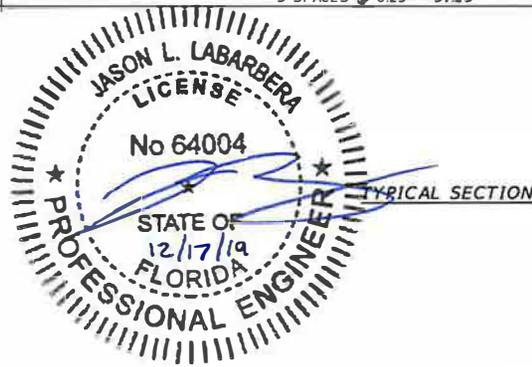
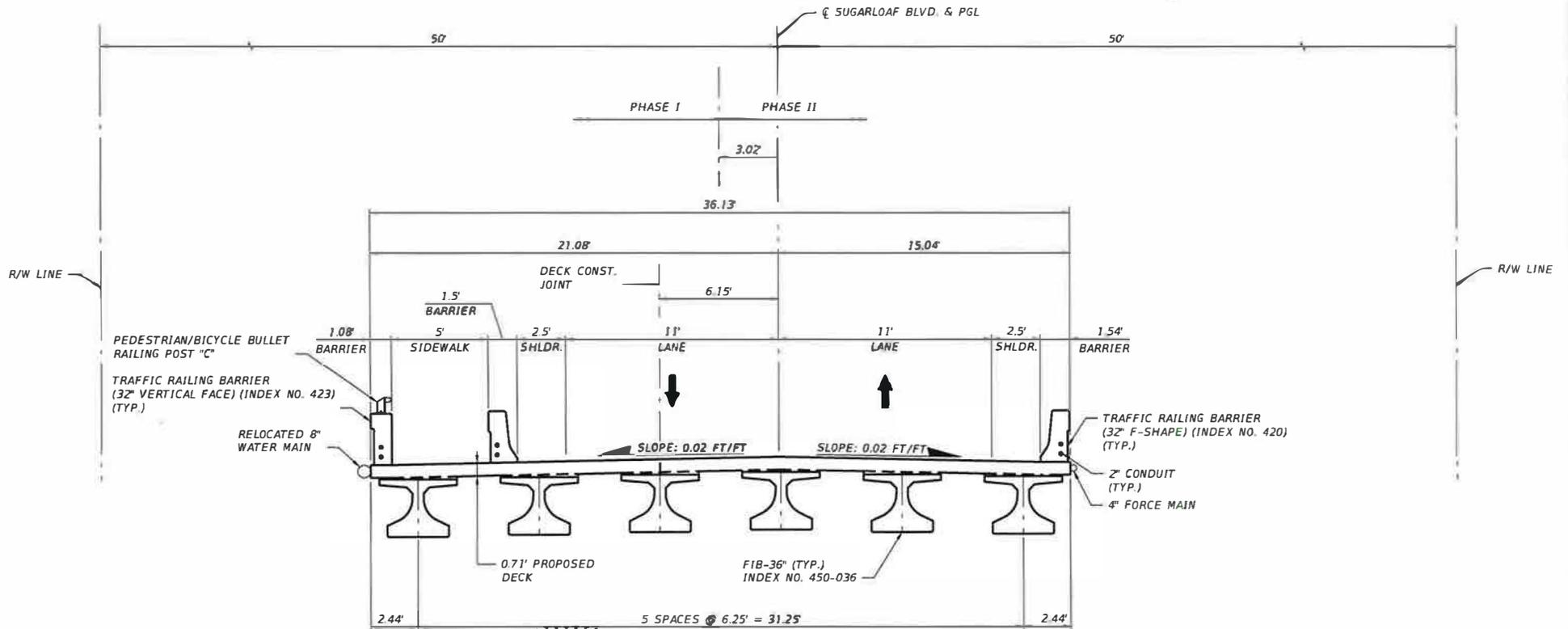


PUBLIC WORKS DEPARTMENT
 TECHNICAL SERVICES DIVISION
 601 E. KENNEDY BLVD.
 TAMPA, FLORIDA 33602

LOCATION MAP

SUGARLOAF BRIDGE REPLACEMENT

SHEET NO.
 1 OF 4



CONCEPTUAL PLANS UTILIZED TO OBTAIN
COAST GUARD BRIDGE PERMIT

APPLICANT: Monroe County
CONSULTANT: Kisinger Campo & Associates
BRIDGE NAME: Sugarloaf Boulevard
WATERWAY NAME: Unnamed canal
WATERWAY MILE POINT: 0.0

LOCATION: Lower Sugarloaf Key, Monroe County, Florida
PLANS DATE: September 19, 2019



DATE	BY	DESCRIPTION
2/16	AL	DESIGNED BY
2/16	AL	CHECKED BY
2/16	GP	DESIGNED BY
2/16	GP	CHECKED BY

APPROVED BY: JASON LABARBERA

ENGINEER OF RECORD:
Kisinger Campo and Associates Corp.
201 N. Franklin Street
Suite 400
Tampa, FL 33602
FL Certificate of Authorization No. 02397
Jason L. Labarbera, P.E. No. 64004

**MONROE COUNTY
ENGINEERING SERVICES DEPARTMENT**
1100 SIMMONS ST., ROOM 2-216
KEY WEST, FLORIDA 33040
(305) 292-4426

SHEET TITLE: TYPICAL SECTION	SHEET NO. 3 OF 4
PROJECT NAME: SUGARLOAF BOULEVARD BRIDGE REPLACEMENT	

BRIDGE NO. 904153

