U.S. Department of Homeland Security

United States Coast Guard



Commander United States Coast Guard Seventh District 909 SE 1st Avenue Miami, Florida 33131 Staff Symbol: (dpb) Phone: (305) 415-6766 Fax: (305) 415-6763 Email: martin.a.bridges@uscg.mil

16591/3948 January 18, 2022

PUBLIC NOTICE (02-22)

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

WATERWAY AND LOCATION: Sykes Creek, mile 8.1 at Merritt Island, Brevard County, FL at Latitude 28°24'20.67"N, Longitude 80°41'39.23"W (28.405742, -80.694231). The bridge is known as Sea Ray Drive Bridge.

CHARACTER OF WORK: Brevard County proposes replacing the existing fixed-span Sea Ray Drive Bridge across Sykes Creek along the same alignment. The typical section of the replacement bridge includes two (2) 12-foot travel lanes, 7.5-foot wide shoulders, and an 8-foot wide raised path. The proposed bridge will be approximately 300.00 feet in length and consist of a three-span structure with an out-to-out width of approximately 50.46 feet. The proposed bridge will exceed the navigational envelope of the existing bridge. Sykes Creek, at the project location, has no discernable water level/tidal fluctuation, therefore the ordinary high water and ordinary low water elevations are equivalent.

MINIMUM NAVIGATIONAL CLEARANCES:

| Existing | Proposed |
|---------------------------------|---------------------------------|
| Horizontal: | Horizontal: |
| 37.00 ft. between face of piles | 96.00 ft. between face of piles |

Vertical: 15.00 ft. above Ordinary High Water

Vertical: 18.96 ft. above Ordinary High Water

North American Vertical Datum of 1988 (NAVD 88) (Existing and Proposed bridges)

ENVIRONMENTAL CONSIDERATIONS:

The United States Coast Guard (USCG), as the lead federal agency, has made a tentative determination that the proposed 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. The documents are available for review at the above address, Monday through Friday, 8:00 a.m. to 4:00 p.m.

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.

A water quality certification in accordance with Section 401 of the Clean Water Act, as amended, for this project was issued by the St. Johns River Water Management District on September 21, 2021. Environmental Resource Permit (ERP), Permit # 174206-1.

The bridge is located in the floodplain. The 100-year flood elevation is +2.7 ft. and the bridge low member elevation is approximately 18.26 ft.; elevations are referenced to NAVD 88. No fill material is anticipated to be placed below MHW level for the construction of the bridge and approaches.

In coordination with the National Marine Fisheries Service (NMFS), the USCG determined that impacts to threatened and endangered species, pursuit to the Endangered Species Act (ESA), and impacts to Essential Fish Habitat (EFH), pursuit to the Magnuson-Stevens Act, under the purview of NMFS, are de minimis. The Coast Guard will continue consultation with respect to ESA or EFH as necessary. The United States Fish and Wildlife Service reviewed the project and issued a letter of concurrence stating, the proposed action is not likely to adversely affect any federally listed species or designated critical habitat protected by the Endangered Species Act of 1973 (Act), as amended (16 U.S.C. 1531 et. seq.).

ANTICIPATED IMPACTS TO NAVIGATION DURING CONSTRUCTION:

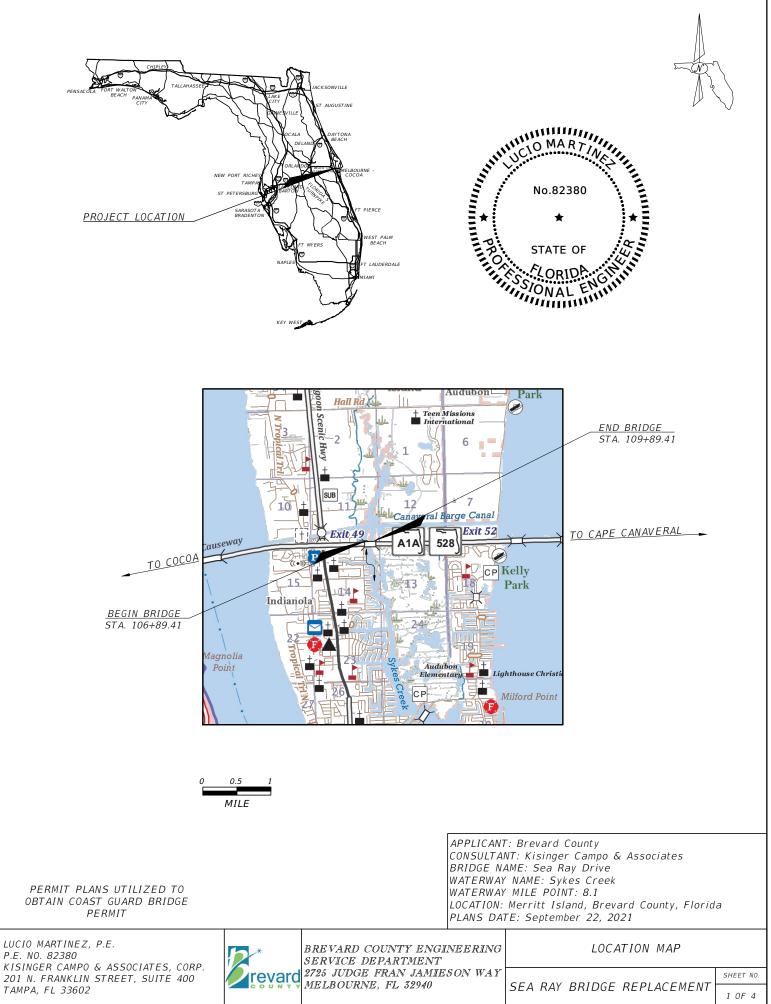
Anticipated impacts to navigation during construction include the possible use of construction barges within the waterway. Mariners will be notified of the details of in-water construction activities which may impact navigation at and around the bridge site. Details of any such impacts will be disseminated 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 <u>http://www.navcen.uscg.gov/</u> under "Subscribe / Report (free)" select the notifications you wish to receive; this project is located in the Seventh Coast Guard District area.

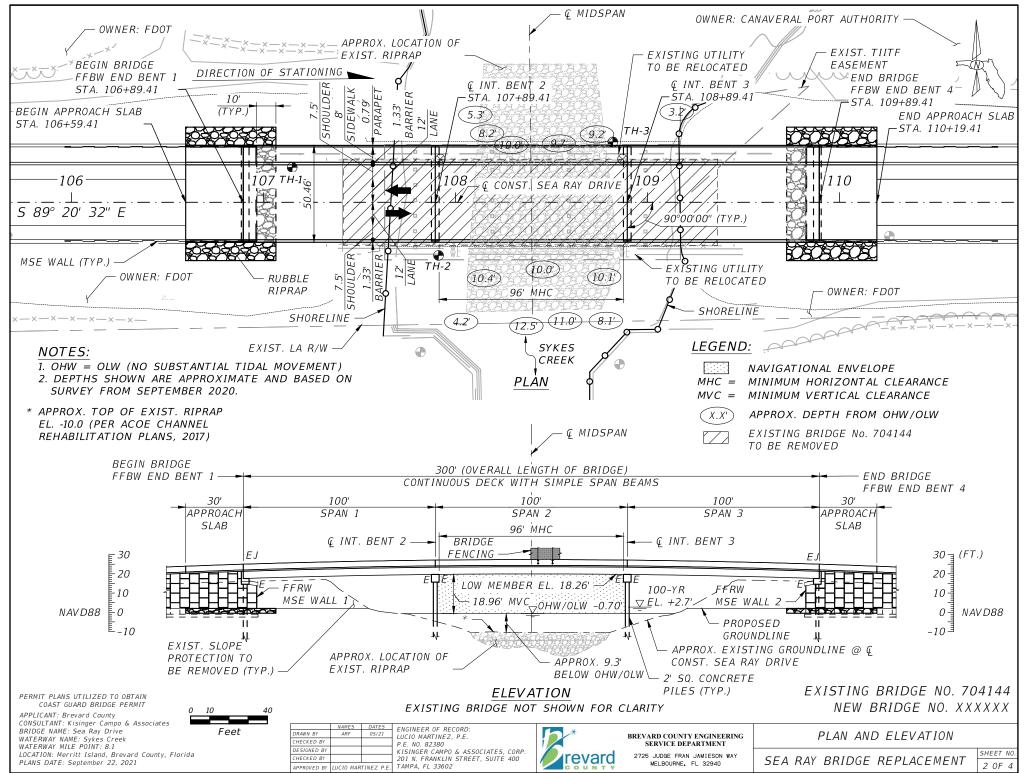
SOLICITATION OF COMMENTS:

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.

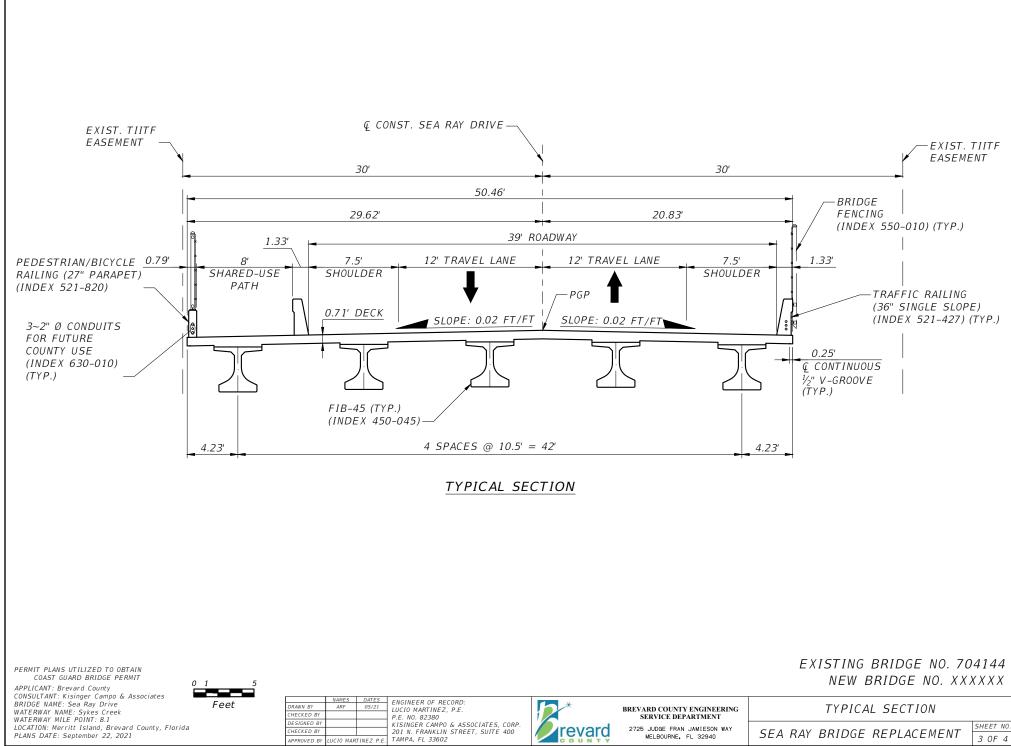
Interested parties are requested to express their views, in writing, on the proposed bridge project including its possible environmental impacts to include those impacts on minority and/or low income populations, if any, giving sufficient detail to establish a clear understanding of the reasons for support of, or opposition to, the proposed work. Comments will be received for the record at the office of: Commander (dpb), Seventh Coast Guard District, 909 SE 1st Ave., Suite 432, Miami, Florida 33131-3028, for a 30-day period from the date of this public notice. Our project manager for this application is Mr. Marty Bridges. He can be contacted by telephone at (305) 415-6766, by mail at the above address, or e-mail at <u>martin.a.bridges@uscg.mil</u>. Comments received will be made part of the case record.

Map of location and plans attached.

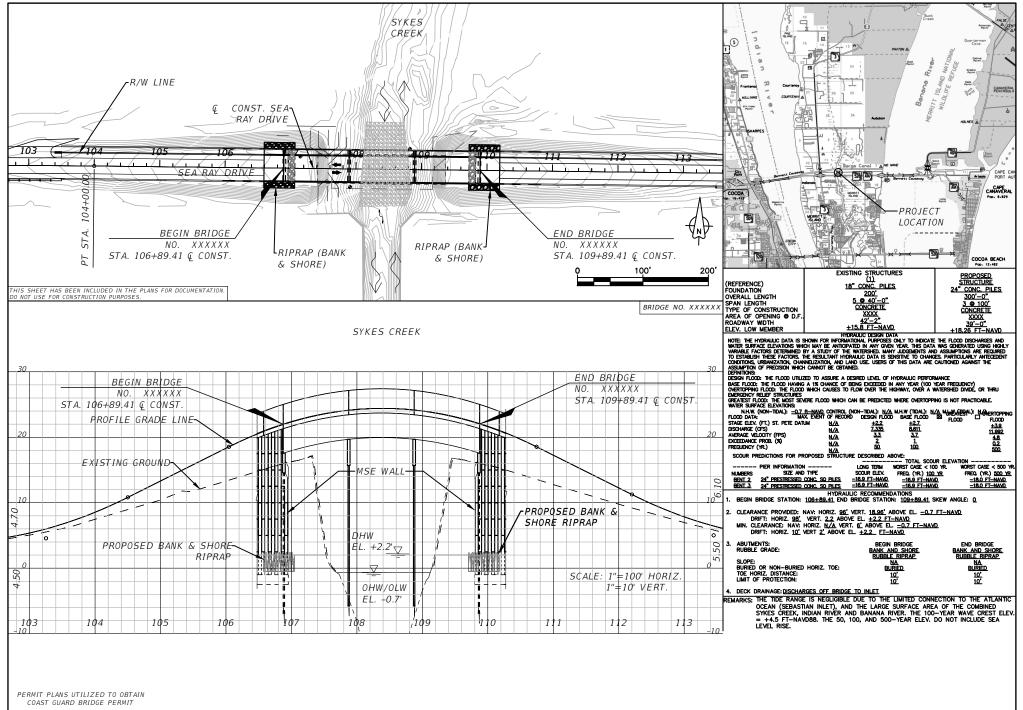




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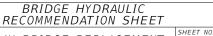


APPLICANT: Brevard County CONSULTANT: Kisinger Campo & Associates BRIDGE NAME: Sea Ray Drive WATERWAY NAME: Sykes Creek WATERWAY MILE POINT: 8.1 LOCATION: Merritt Island, Brevard County, Florida PLANS DATE: September 22, 2021

NAMES ENGINEER OF RECORD DRAWN BY MARK GOSSELIN, P.E. HECKED BY P.E. NO. 54594 INTERA INCORPORATED. HECKED BY 2114 NW 40TH TERRANCE, SUITE A-1 PPROVED BY GAINESVILLE, FL 32605



BREVARD COUNTY ENGINEERING SERVICE DEPARTMENT 2725 JUDGE FRAN JAMIESON WAY MELBOURNE, EL 32940



SEA RAY BRIDGE REPLACEMENT 4 OF 4 C:\pwworkingdir\kca-pw.bentley.com kca-pw-01\amilcar figueroa\dms29929\BHYRD01.dwg