



16591/2791
September 20, 2021

PUBLIC NOTICE (06-21)

BRIDGE PERMIT APPLICATION TO CONSTRUCT A REPLACEMENT BRIDGE OVER THE CORAL GABLES WATERWAY, MILE 1.0, IN CORAL GABLES, MIAMI- DADE COUNTY, FLORIDA

All interested parties are notified that an application from Nova Consulting, on behalf of the Miami-Dade County Department of Transportation and Public Works, for approval of the location and plans to construct a replacement bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: The proposed replacement bridge would be constructed over the Coral Gables Waterway (C-3 Canal), mile 1.0 at Coral Gables, Miami-Dade County, Florida, Latitude 25°42'22" N, Longitude 80°15'39" W (25.705454, - 80.260910).

CHARACTER OF WORK: The project proposes replacing the existing fixed-span roadway bridge crossing the Coral Gables Waterway (C-3 Canal) along the same alignment. The purpose of the project is to replace the geometrically deficient, three span bridge with a new single-span fixed bridge. The overall length of the bridge will be approximately 145 ft. and the out-to-out width will be approximately 45 ft. All portions of the existing bridge superstructure and abutments will be completely removed. The intermediate concrete piers, within the waterway, will be removed to a minimum of 2 feet below the mudline.

MINIMUM NAVIGATIONAL CLEARANCES:

Existing

Horizontal:

60.96 ft. between piers

Vertical:

15.27 ft. above Mean High Water

16.80 ft. above Mean Low Water

*Measurements are referenced NGVD 29

Proposed

Horizontal:

103.5 ft. between piers

Vertical:

16.69 ft. above Mean High Water

18.22 ft. above Mean Low Water

ENVIRONMENTAL CONSIDERATIONS: The Coast Guard, as the 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 actions listed in the Coast Guard's NEPA Implementing Instructions. The documents are available for review at the above address, Monday through Friday, 7:30 a.m. to 2:30 p.m.

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 Permit (ERP) constitutes certification of compliance with applicable water quality standards. On August 25, 2021, the SFWMD determined that the proposed project is exempt from the requirement to obtain an Environmental Resource permit, pursuant to rule 62-330.051(4)(e) Florida Administrative Code.

The replacement bridge will be located in a floodplain with a 100-year flood elevation which ranges between 10.0 ft. and 11.0 ft., referenced to NGVD29. The elevation of the low member of the replacement bridge is 18.34 ft., referenced to NGVD29.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The proposed bridge will clear span the waterway. No wetland impacts are anticipated as a result of the proposed project. The Coast Guard's initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

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. No previously recorded archaeological sites were located within the Area of Potential Effect (APE), nor within a one mile buffer encompassing the APE. No Miami-Dade County-designated archaeological sites or zones are located within the APE. No subsurface testing was possible within the archaeological APE due to the presence of existing roadways, hardscape, landscaping, and buried utilities. The desktop analysis and pedestrian survey determined that the archaeological APE exhibits a low potential for containing intact archaeological sites.

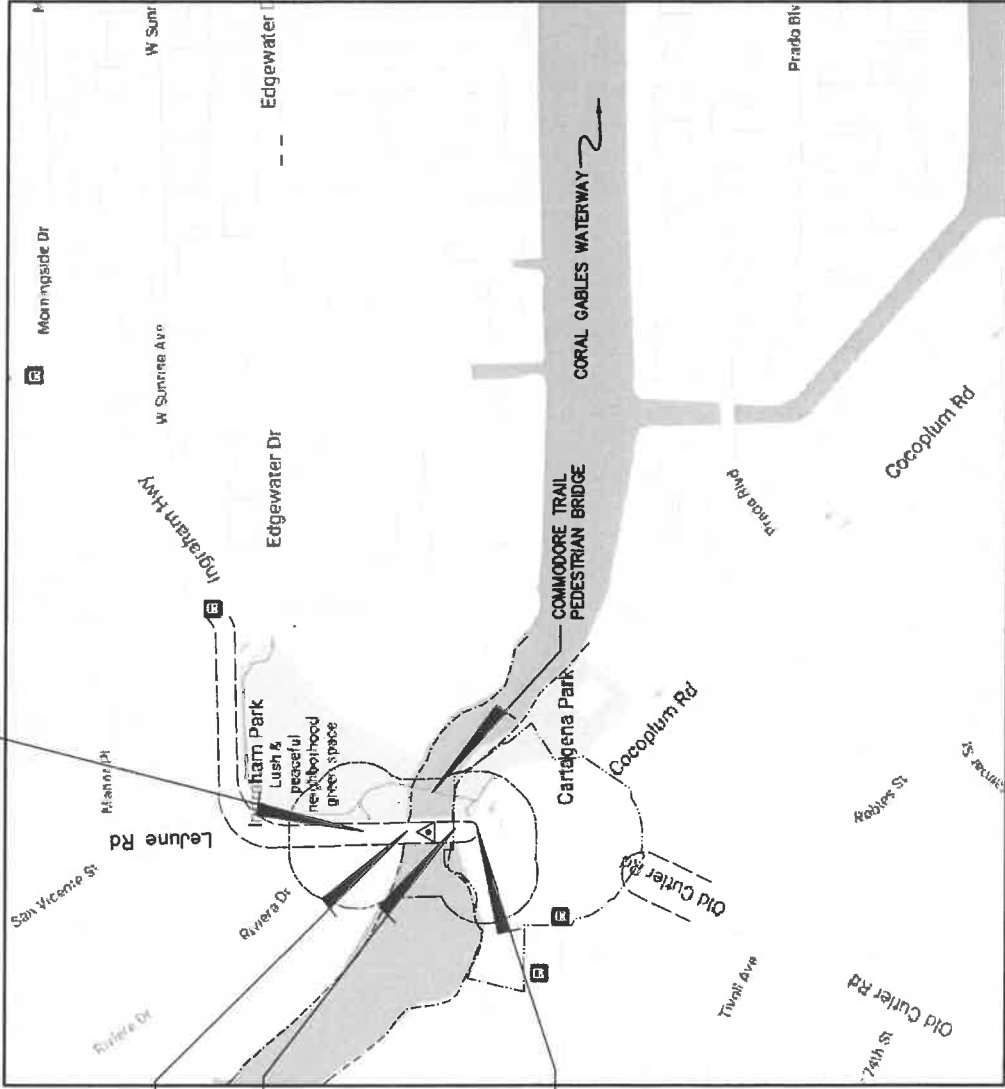
ANTICIPATED IMPACTS TO NAVIGATION DURING CONSTRUCTION: Anticipated impacts to navigation during construction include possible construction barges within the waterway. Mariners will be notified of the details of in-water construction activities which will impact the navigation channel at and around the bridge site. Details of any navigational 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. 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 Mr. Gwin Tate, who can be contacted by telephone at (305) 415-6747, by mail at the above address, or e-mail at William.G.Tate@Uscg.Mil Comments received will be made part of the case record. Map of location and plans attached.

INDEX OF SHEETS

SHT. No.	SHEET DESCRIPTION
1 OF 4	KEY SHEET
2 OF 4	PLAN AND ELEVATION
3 OF 4	NAVIGATION CLEARANCE DETAIL
4 OF 4	TYPICAL SECTION

END PROJECT
STA 14+35.00



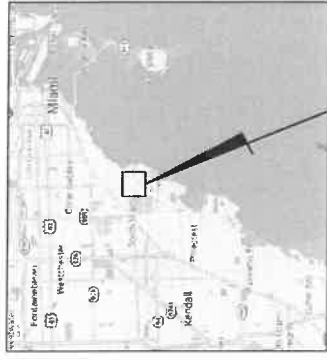
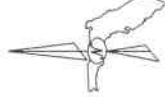
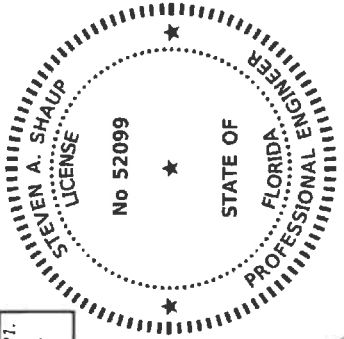
END BRIDGE
STA 13+18.55

BEGIN BRIDGE
STA 11+73.55

BEGIN PROJECT
STA 11+25.00

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY STEVEN SHAUP, PE, ON 9/13/2021.
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Steven Shaup
2021.09.13 17:09:41 -04'00'



PROJECT VICINITY

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.
NOTE: CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.

LEGEND

- HISTORIC RESOURCES APE
- - - HISTORIC LINEAR RESOURCE
- - - HISTORIC RESOURCE GROUP
- - - HISTORIC CANAL
- △ HISTORIC BRIDGE

ELEVATIONS SHOWN ON THESE PLANS REFER TO THE NATION GEODETIC VERTICAL DATUM (NGVD) OF 1929.

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

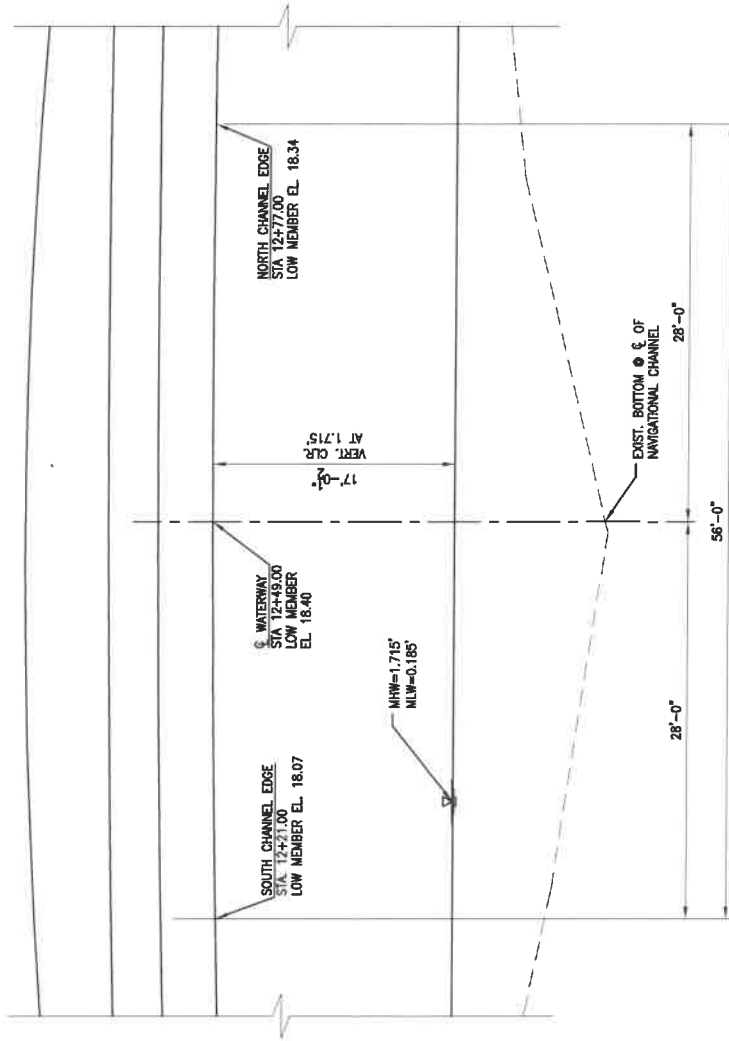
TRANSISTEMS
6303 BLUE LAGOON DRIVE
SUITE 400
MIAMI FLORIDA 33126

SW 42ND AVE/LEJUNE ROAD BRIDGE OVER
CORAL GABLES WATERWAY
M.P. 0.867
CITY OF CORAL GABLES
MIAMI DADE COUNTY, FLORIDA

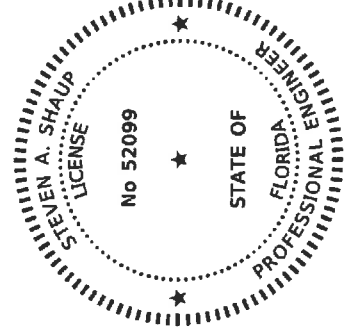
05/14/2021

PROJECT LOCATION MAP

SHEET
1 OF 4



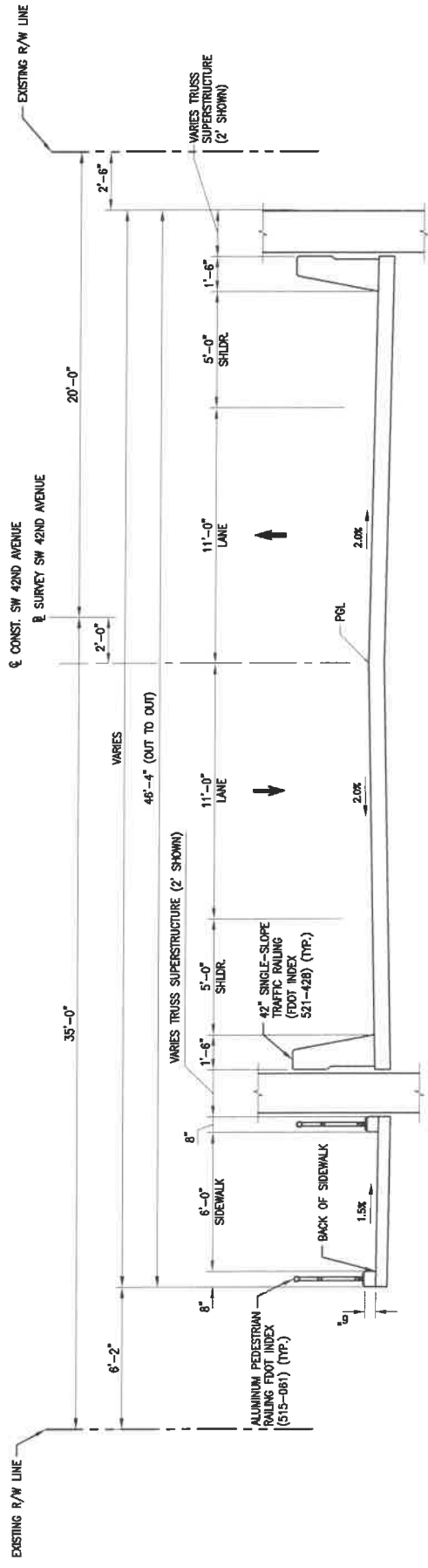
NAVIGATIONAL CLEARANCES



Steven Shaup
2021.09.13 17:10:17 -04'00'

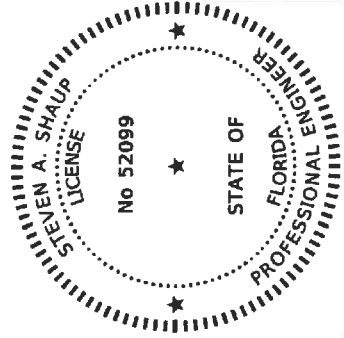
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DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION STEPHEN P. CLARK CENTER 111 NW 1 ST MIAMI, FLORIDA 33128	TRANSYSTEMS 6303 BLUE LAGOON DRIVE SUITE 400 MIAMI FLORIDA 33126	SW 42ND AVE/LEJUNE ROAD BRIDGE OVER CORAL GABLES WATERWAY M.P. 0.657 CITY OF CORAL GABLES MIAMI DADE COUNTY, FLORIDA	05/14/2021	NAVIGATION CLEARANCE DETAIL SHEET 3 OF 4
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TYPICAL SECTION
 SW 42ND AVE OVER CORAL GABLES CANAL
 STA. 11+73.55 TO STA. 13+18.55
 MP 0.867

DESIGN SPEED = 35 MPH
 POSTED SPEED = 30 MPH



Steven Shaup
 2021.09.13 17:10:31 -04'00'

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 SEALED BY STEVEN SHAUP, PE, ON 9/13/2021.
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NOTES:
 THE PROPOSED TRUSS SUPERSTRUCTURE IS TO BE DESIGNED AND CONSTRUCTED BY A
 PRE-QUALIFIED STEEL TRUSS MANUFACTURER. THE DESIGN WILL BE IN ACCORDANCE
 WITH THE DESIGN CONTRACT DOCUMENTS, WHICH INCLUDES THE DESIGN PLANS, AASHTO
 LRFD BRIDGE DESIGN SPECIFICATIONS, AND THE FOOT STRUCTURES MANUAL.

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION STEPHEN P. CLARK CENTER 111 NW 1 ST MIAMI, FLORIDA 33128	TRANSYSTEMS 6303 BLUE LAGOON DRIVE SUITE 400 MIAMI FLORIDA 33126	SW 42ND AVE/LEJUNE ROAD BRIDGE OVER CORAL GABLES WATERWAY M.P. 0.867 CITY OF CORAL GABLES MIAMI DADE COUNTY, FLORIDA	05/14/2021	TYPICAL SECTION SHEET 4 OF 4
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