PUBLIC NOTICE 07-22

All interested parties are herein notified that the Commander, Seventh Coast Guard District has received an application dated March 25, 2022 from Scalar Consulting Group, Inc. on behalf of Palm Beach County, Florida. The applicant is requesting approval of location and plans for a bridge replacement across a navigable waterway of the United States.

WATERWAY AND LOCATION: Earman (C-17 Canal) River, Mile 1.4, at Prosperity Farms Road, Village of North Palm Beach, Palm Beach County, Florida. Latitude 26.814377/Longitude -80.073558

CHARACTER OF WORK: Palm Beach County intends to replace the existing, fixed Prosperity Farms Road Bridge with a new two-lane, fixed bridge within the footprint of the existing bridge. Improvements include new curb/gutter, sidewalks on both sides, bike lanes, and drainage infrastructure modifications. Counter scour measures (rip-rap) will also be installed. The overall length of the proposed bridge will be approximately 189 feet and the width 80 feet. The new bridge will address public safety, since the existing bridge is nearing the end of its service life and will provide greater navigational clearances. The existing bridge will be removed in its entirety.

MINIMUM NAVIGATIONAL CLEARANCES:

The proposed new bridge will have clearances as described in the table below relative to Mean High Water (MHW). These clearances are an increase from current clearances over this section of the Earman River.

<table>
<thead>
<tr>
<th></th>
<th>Existing (Feet)</th>
<th>Proposed (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vertical</td>
<td>8.6</td>
<td>10.1</td>
</tr>
<tr>
<td>Horizontal</td>
<td>17.8</td>
<td>35.9</td>
</tr>
</tbody>
</table>

Datum: NAVD88

ENVIRONMENTAL CONSIDERATIONS:

The Coast Guard, as the lead Federal agency, has made a tentative determination that the 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 project area does not include properties listed in or eligible for inclusion in the National Register of Historic Places. Consultation with the State Historic Preservation Officer will be conducted in accordance with 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 is covered under the South Florida Water Management District, Environmental Resource Permit issued on April 25, 2022 (Permit No. 50-106847-P). No wetland will be taken or affected by this project.

The bridge is not located in the floodplain. The 100-year flood elevation is 6.60 feet, while elevation of the low member of the navigation span is 10.55 feet; elevations are referenced to NAVD88 datum.

The Earman River at the project site is considered estuarine deepwater habitat. Approximately 1,292 cubic yards of fill material will be placed below MHW level for the construction of the bridge and approaches. The project will have no effect on wetlands.

No seagrass or coral were found within the project area. Mangroves found along the banks of the canal will not be affected by the project.

The project area is considered Essential Fish Habitat (EFH) for Spiny lobster, snapper/grouper, and penaeid shrimp. Consultation with National Marine Fisheries Service will be conducted in accordance with the Magnuson-Stevens Fishery Conservation and Management Act. The project is not likely to adversely affect EFH.

The project area is designated West Indian manatee Critical Habitat. The permittee will follow Florida Fish and Wildlife Conservation Commission Standard Manatee Conditions for In-Water Work. Consultation with U.S. Fish and Wildlife Service will be conducted in accordance with Section 7 of the Endangered Species Act. The project is not likely to adversely affect West Indian manatee.

**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., 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. The Coast Guard project manager for this application is Mr. Omar Beceiro, who can be contacted by mail at the above address or e-mail. Comments received will be made part of the project administrative record.

Map of location and plans attached.
Figure 1. Project Location Map
Prosperity Farms Rd Bridge Replacement over C-17 (Earman) Canal
From Hummingbird Way to Ibis Way
Project #2018800
Palm Beach County
COUNTY OF PALM BEACH
STATE OF FLORIDA

BOARD OF COUNTY COMMISSIONERS
PROJECT NO. 2018800
PROSPERITY FARMS ROAD OVER SFWM C-17 CANAL
BRIDGE REPLACEMENT
BRIDGE NO. 934116

LOCATION MAP

<table>
<thead>
<tr>
<th>LENGTH OF PROJECT</th>
<th>LIN. FT.</th>
<th>MILES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROADWAY</td>
<td>662</td>
<td>0.66</td>
</tr>
<tr>
<td>ENCLOSED</td>
<td>662</td>
<td>0.66</td>
</tr>
<tr>
<td>GROSS LENGTH OF PROJ.</td>
<td>662</td>
<td>0.66</td>
</tr>
</tbody>
</table>

I HEREBY CERTIFY THAT THE ATTACHED PLANS AND DESIGNS ARE IN SUBSTANTIAL COMPLIANCE WITH THE DESIGN STANDARDS AND CRITERIA IN EFFECT ON THIS DATE FOR PALM BEACH COUNTY AND THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION.

DATE

PROFESSIONAL ENGINEER
PREDRAG MILOSAVLJEVIC, P.E. NO. 54961

PLANS PREPARED BY:
SCALAR CONSULTING GROUP INC.
5713 CORPORATE WAY, SUITE 200
WEST PALM BEACH, FL 33407

PREDRAG MILOSAVLJEVIC, P.E.
P.E. NO. 54961
VENDOR NO. 451909667

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN CHANGED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALLED DATA.

GOVERNING STANDARDS AND SPECIFICATIONS:

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND GOVERNED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR ROAD & BRIDGE CONSTRUCTION (CURRENT EDITION), AND SUPPLEMENTS THERETO, FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (CURRENT EDITION), SUPPLEMENTS THERETO, AND SPECIAL PROVISIONS AS NOTED IN THE CONTRACT SPECIFICATIONS FOR THIS PROJECT.

GOVERNING SPECIFICATIONS ARE CONTAINED IN THE CONTRACT DOCUMENTS OF THIS PROJECT.
TYPICAL SUPERSTRUCTURE SECTION

* TRAFFIC SEPARATOR TYPE F -OPTION 1
  (INDEX 520-020)

** TRAFFIC RAILING (30˚ SINGLE-SLOPE
  INDEX NO. 521-427) (TYP.)

*** 2'-6" PVC CONDUITS
  (FUTURE USE) (TYP.)
  (INDEX 630-010)

**** BRIDGE PEDESTRIAN/
  BICYCLE RAILING (ALUMINUM)
  (INDEX 515-061) 48" SHBR
  SCHEME 2 (TYP.)

  6' MIN. DEPTH AFTER PLACING

R/W LINE

40.5'

80.5'

40.5'

R/W LINE

45.5'

5.25'

14.29'

11'

14.29'

11'

11'

7.33'

33'

14.29'

8 Spaces @ 4.48

4.51'

8 Spaces @ 4.48

2.21'

2.21'

CONSTR. JOINT

6.5' CONC.
(TOPPING)

SWK. COVER PLATES
AT EXPANSION JOINTS
IN ACCORDANCE WITH
SPECIFICATIONS
SECTION 458 (TYP.)

PGL LT.

PGL RT.

FUTURE GAS MAIN

FUTURE WATER MAIN

UTILITY BRIDGE

NORTH AMERICAN VERTICAL
DATUM (NAVD)
BRIDGE NO. 93410

05/15/2012

R. MILKOVICH
STATE OF FLORIDA
SEPTEMBER 16, 2015

PARKPLANT 0700: "ROADWAY PRODUCTION"}

TYPICAL SECTION THROUGH
BRIDGE DECK

PROPERTY NAME: ROAD OVER GAP TO D-12 CAHNL
LOCATION: NORTH PALM BEACH, FL
1.48 STATUTE MILES FROM CONFLUENCE OF SOUTH OF WATERTOWN