

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: (dpp)  
Phone: (305) 415-6932  
Fax: (305) 415-6763  
Email: Lisia.j.kowalczyk@uscg.mil

16591/3946  
October 26, 2020

### **PUBLIC NOTICE (06-20)**

All interested parties are notified that the Commander, Seventh Coast Guard District has received an application from T.Y. Lin International, on behalf of the City of Pompano Beach, requesting approval of the location and plans for the reconstruction of a bridge over a navigable waterway of the United States.

**WATERWAY AND LOCATION:** Cypress Creek Canal, mile 1.3 (from confluence with the Intracoastal Waterway at Pompano Beach, FL.) Latitude 26°12'58.95" N, Longitude 80°6'57.37" W (26.216375, - 80.115936)

**CHARACTER OF WORK:** The project proposes replacing the existing two lane fixed-span bridge crossing Cypress Creek Canal along the same alignment. The bridge is located in a residential neighborhood and provides access from the northern and southern sections of the neighborhood. The purpose of the project is to upgrade the existing bridge which was constructed in 1959 and has been rated as structurally poor. The overall length of the existing bridge is 98 ft. and has a width of 35 ft. The overall length of the proposed bridge will be 105 ft. and the out-to-out width will be approximately 39.5 ft.

#### **MINIMUM NAVIGATIONAL CLEARANCES:**

##### **Existing**

##### Horizontal:

19.6 ft. between face of piles

##### Vertical:

10.8 ft. above Mean High Water

13 ft. above Mean Low Water

##### **Proposed**

##### Horizontal:

31.5 ft. between face of piles

##### Vertical:

12.5 ft. above Mean High Water

14.7 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 (CE) 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.

The bridge is located in the floodplain. The 100-year flood elevation is 6.3 ft. and the bridge low member elevation is approximately 9.5 ft.; elevations are referenced to NAVD 88 datum.

The applicant submitted an ERP application to Broward County whose authority to issue is delegated by the SFWMD. In accordance with Florida Administrative Code, issuance of an Environmental Resource Permit (ERP) constitutes certification of compliance with applicable water quality standards. Broward County issued ERP/WQC #06-092520-001 for the project on 21 September 2020.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The proposed project would affect approximately 0.095 acres of silt and crushed shell creek bed with potential occurrence of Spiny Lobster (*Panulirus argus*) and Snapper/Grouper Complex. The Coast Guard's initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in Cypress Creek Canal. The 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. The project "may affect but is not likely to adversely affect" the West Indian manatee. The US Fish and Wildlife Service has concurred with this determination on 24 September 2020. There are no archaeological sites recorded in the state's master site file in the project area. The proposed project is not expected to impact any historic properties listed or eligible for listing in the National Register of Historic Places. 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.

### **Removal of Existing Bridge**

The existing bridge will be removed, with support piles of existing bridge removed to a minimum of 2 feet below the mudline/natural bottom within the navigational spans of the bridge and down to the mudline/natural bottom outside the navigational spans. The new support piles will be driven from a land based crane. Marine access for demolition and construction will be restricted to daily work hours with navigational access available on nights and weekends.

### **ANTICIPATED IMPACTS TO NAVIGATION DURING CONSTRUCTION:**

Anticipated impacts to navigation during construction include possible temporary work trestles and 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.

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 (dpg), 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. She can be contacted by telephone at (305) 415-6932, by mail at the above address, or e-mail at [lisia.j.kowalczyk@uscg.mil](mailto:lisia.j.kowalczyk@uscg.mil). Comments received will be made part of the case record. Map of location and plans attached.

COMPONENTS OF CONTRACT PLANS SET

**CITY OF POMPANO BEACH**

BROWARD COUNTY, FL

**CONTRACT PLANS**

**SE 5TH AVENUE  
BRIDGE REPLACEMENT**

INDEX OF STRUCTURE PLANS

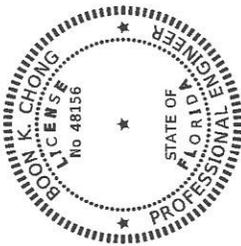
SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2	PLAN AND ELEVATION
S-3	TYPICAL SECTIONS

THIS ITEM HAS BEEN DIGITALLY  
SIGNED AND SEALED BY:

**Boon Chong**  
2020.10.22 11:57:47 -04'00'

ON THE DRAFT ADJACENT TO THE SEAL  
PRINTED COPIES OF THIS DOCUMENT ARE  
NOT CONSIDERED SIGNED AND SEALED  
AND THE SIGNATURE MUST BE VERIFIED  
ON ANY ELECTRONIC COPIES.

T. Y. LIN INTERNATIONAL  
12802 TAMPA OAKS BLVD, SUITE 245  
TAMPA, FL 33637  
CERTIFICATE OF AUTHOR. 00002017  
BOON K. CHONG, P.E. NO. 48156

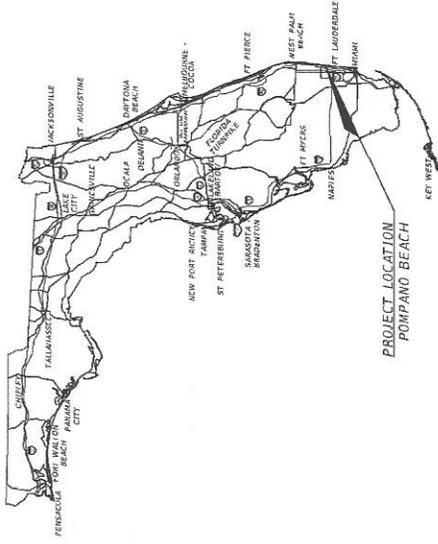


GOVERNING STANDARD PLANS:  
Florida Department of Transportation, FY2020-2021 Standard Plans for  
Road and Bridge Construction and applicable Interim Revisions (IRs).  
Standard Plans for Road Construction and associated IRs are available  
at the following website:  
<http://www7dot.gov/design/StandardPlans.shtml>

APPLICABLE IRs: IR536-001-01, IR521-001-01

Standard Plans for Bridge Construction are included in the Structures  
Plans Component.

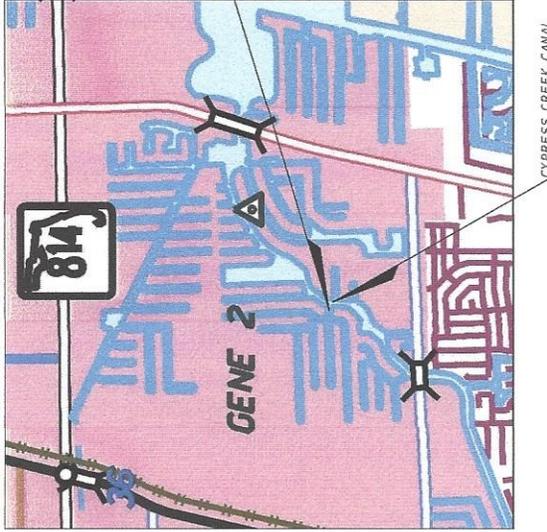
GOVERNING STANDARD SPECIFICATIONS:  
Florida Department of Transportation, July, 2020 Standard  
Specifications for Road and Bridge Construction at the following  
website:  
<http://www1dot.gov/programmanagement/implemented/SpecBooks>



PROJECT LOCATION  
POMPANO BEACH



S.E. 5TH AVENUE BRIDGE



STRUCTURE PLANS  
ENGINEER OF RECORD:

BOON K. CHONG, P.E.  
P.E. NO. 48156  
T.Y. LIN INTERNATIONAL  
12802 TAMPA OAKS BLVD., SUITE 245  
TAMPA, FL 33637

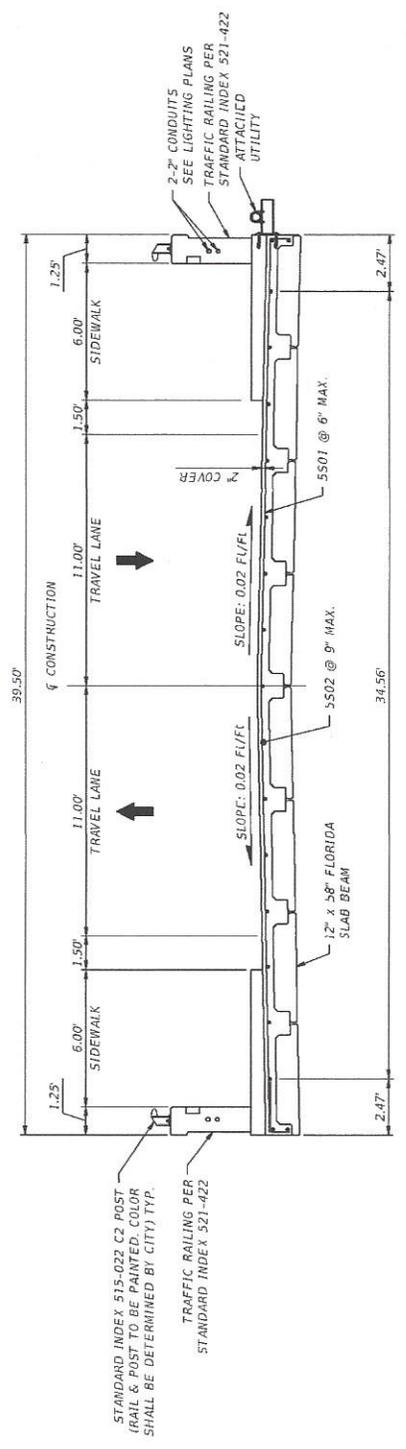
POMPANO CITY PROJECT MANAGER:  
JAY OLSEN, P.E.  
GO BOND ENGINEERING PROJECT MANAGER  
CITY OF POMPANO BEACH

USCG PERMIT SET

SHEET  
NO.

S-1





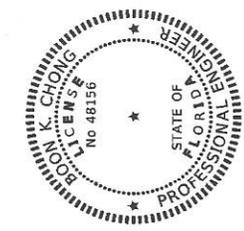
**PROPOSED TYPICAL SECTION**  
**SE 5TH AVENUE BRIDGE**  
 STA. 2+33.09 - 3+38.09

THIS ITEM HAS BEEN DIGITALLY  
 SIGNED AND STAMPED BY:

**Boon Chong**  
 2020.10.22 11:58:34 -04'00'

SEE THE ORGP. ADJACENT TO THE S&M  
 PRINTED COPIES OF THIS DOCUMENT AND  
 TEMPORARILY SIGNED AND STAMPED  
 BY AN ELECTRONIC COPIES.

**T. Y. LIN INTERNATIONAL**  
 12802 TAMPA OAKS BLVD, SUITE 245  
 TAMPA, FL 33637  
 CERTIFICATE OF AUTHOR. 00002017  
 BOON K. CHONG, P.E. NO. 48156



**CITY OF POMPANO BEACH**  
 1201 NE 5TH AVENUE  
 POMPANO BEACH, FL 33069

**T-Y LIN INTERNATIONAL**  
 12802 TAMPA OAKS BLVD, SUITE 245  
 TAMPA, FL 33637

FIELD BOOK:  
 CHECKED BY: 1:2.5  
 DESIGNED BY: B.C.C.  
 D.D. 10/16/2020  
 DRAWN BY: DATE:

NO.	DATE	BY	CHKD	DESCRIPTION

**TYPICAL SECTION**

**PROJECT # 19360**  
**SE 5 TH AVE. BRIDGE REPLACEMENT**

SHEET NO. **S-3**

TOTAL  
 OLD FILE  
 DRAWING FILE NO.