



July 26, 2016

PUBLIC NOTICE (05-16)

BRIDGE PERMIT APPLICATION TO REPLACE THE BRIDGE ACROSS MEXICO BEACH CANAL, MILE 0.82, AT 36TH STREET, IN MEXICO BEACH, BAY COUNTY, FLORIDA

All interested parties are notified that an application from FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) has been received by the Commander, Eighth Coast Guard District, for approval of the enclosed plans to construct a bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Mexico Beach Canal, Mile 0.82, Mexico Beach, Bay County, Florida.

CHARACTER OF WORK: The applicant proposes to replace the existing low level wooden 36th Street fixed bridge over the Mexico Beach Canal with a new concrete structure. The existing bridge is 63 feet long, 22.6 feet wide and was constructed in 1982.

The proposed bridge will have a vertical clearance of 11.23 feet at mean high water (MHW) and 11.45 feet mean low water (MLW), which is approximately 1.5 feet higher than the clearance of the existing bridge. The proposed bridge will consist of two spans. The primary, over water span will be 40 feet long leaving a horizontal clearance of 35 feet and 7 inches. The typical section of the proposed bridge will consist of two 10-foot travel lanes with a 2-foot outside shoulder and an F-shaped traffic railing 1'-6.5" wide. The existing southern wall under the bridge will be removed and reconstructed further to the south. A total of 12 concrete pilings will be installed.

The roadway approaches will be reconstructed to tie into the proposed bridge. A detour route will be constructed to accommodate traffic, thus a temporary bridge is not proposed.

MINIMUM NAVIGATIONAL CLEARANCES:

Existing:

Horizontal: 35.2 feet
between piers, normal to the axis of
the channel

Vertical: 9.42 feet above Mean High Water
(MHW), MHW elevation 0.47 feet
North American Vertical Datum of 1988
(NAVD 88)

Proposed:

Horizontal: 35.58 feet
between piers, normal to the axis of
the channel

Vertical: 11.23 feet above MHW (NAVD 88)

ENVIRONMENTAL CONSIDERATIONS: The Federal Highway Administration (FHWA), as 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 action listed in the Coast Guard's implementation instructions. FHWA approval of this determination is evidenced by a signature of June 20, 2016, by an FHWA representative on an FDOT Type 2 Categorical Exclusion (CE) Determination form signifying concurrence in the FDOT finding that the proposed project meets the requirements for classification as a Categorical Exclusion. Provided that no environmental issues are disclosed by this Public Notice, the Coast Guard will issue a CE as the final environmental documentation for this project which satisfies the criteria for such action listed in the Coast Guard's implementation instructions. The Coast Guard's permitting action will be limited to the bridge and its approaches.

Construction is in a floodplain with a 100-year flood elevation of 8.0 feet, North American Vertical Datum of 1988 (NAVD88). No parkland, recreational areas, or wildlife refuges are affected. The project does not have any effects on environmental justice.

The applicant was informed by email dated February 9, 2016, from the U.S. Army Corps of Engineers, Jacksonville District Regulatory Division, that no Army Corps of Engineers permit is required for the proposed bridge project. The Northwest Florida Water Management District (NFWFMD) issued the applicant a General Environmental Resource Permit on January 5, 2016. The applicant will be required to furnish a Water Quality Certification (WQC) or proof of an exemption. The NFWFMD permit includes requirements for protection of water quality during construction.

The project is located in the Florida's coastal zone. The project qualified for a general permit, which constitutes the state of Florida's concurrence that the activity is consistent with the enforceable policies included in the Florida Coastal Management Program.

According to the Environmental Protection Agency (EPA), Bay County is in attainment status for 2016 for criteria pollutants. The permit applicant may be required to furnish a statement from Florida Department of Environmental Protection, Division of Air Resource Management that the project meets the requirements of the State Implementation Plan on air quality.

The applicant prepared a cultural resources assessment survey report in support of this project. In a letter dated March 11, 2013, the applicant provided a letter regarding the report to the Florida Division of Historical Resources, State Historic Preservation Officer. The report provided the following information:

No archaeological sites were identified in the project vicinity, and no additional archaeological survey was recommended. The 36th Street Bridge is a steel stringer bridge constructed in 1982. It does not meet the minimum requirements for listing on the National Register of Historic Places and was therefore not evaluated. The architectural survey identified one newly-recorded historic structure (8BY02045) and one newly recorded linear resource, the Mexico Beach Canal (8BY02046). Resource 8BY02045 lacks the architectural distinction and significant historical associations necessary to be considered for listing. The Mexico Beach Canal is recommended eligible for the NRHP under criterion A for community Development and Planning. No alteration to the Mexico Beach Canal is proposed, and its current function and appearance will be unchanged. The proposed work will have no effect on the Mexico Beach Canal.

In accordance with Section 106 of the National Historic Preservation Act of 1966, the findings were coordinated with the Florida Division of Historical Resources, State Historic Preservation Officer, who provided a stamp and signature indicating concurrence with the applicant's findings on May 11, 2016.

The applicant has coordinated with the Florida Fish and Wildlife Conservation (FWC) and the United States Fish and Wildlife Service (USFWS). The USFWS reviewed the proposed bridge project and relayed its determination by stamp and signature of February 25, 2013, that the proposed project is not likely to adversely impact resources protected by the Endangered Species Act. The FWC stated in a letter of April 2, 2013, that the proposed "project is not likely to adversely affect state-listed wildlife species."

However, the proposed bridge project is located within a designated manatee consultation area, and nearby beaches are known nesting habitat for sea turtles. Further, beach/sea turtle nesting habitat is present less than a mile from the proposed project site. Thus, the FDOT will implement construction related commitments for the manatee and sea turtles. In the April 2013 letter, the FWC encouraged the FDOT to minimize indirect and cumulative (sky glow) lighting as well as direct illumination of the beach from May 1 through October 31 of each year by following best management practices for lighting during nighttime construction. The FDOT has added a lighting specific commitment to ensure protection of these nesting marine turtles.

The applicant will be required to coordinate with the National Marine Fisheries Service (NMFS), for review of the project for Essential Fish Habitat (EFH).

SOLICITATION OF COMMENTS: Comments will be received at the Eighth Coast Guard District, Bridge Administration Branch, at the address given in the letterhead through August 30, 2016.

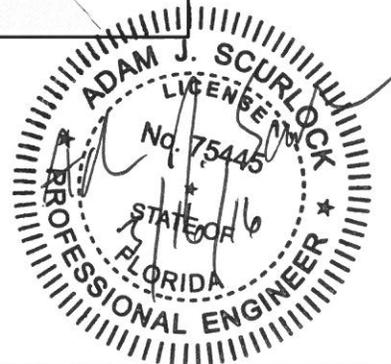
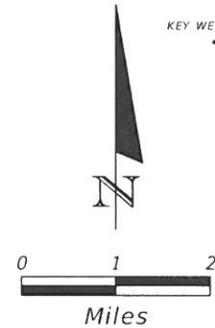
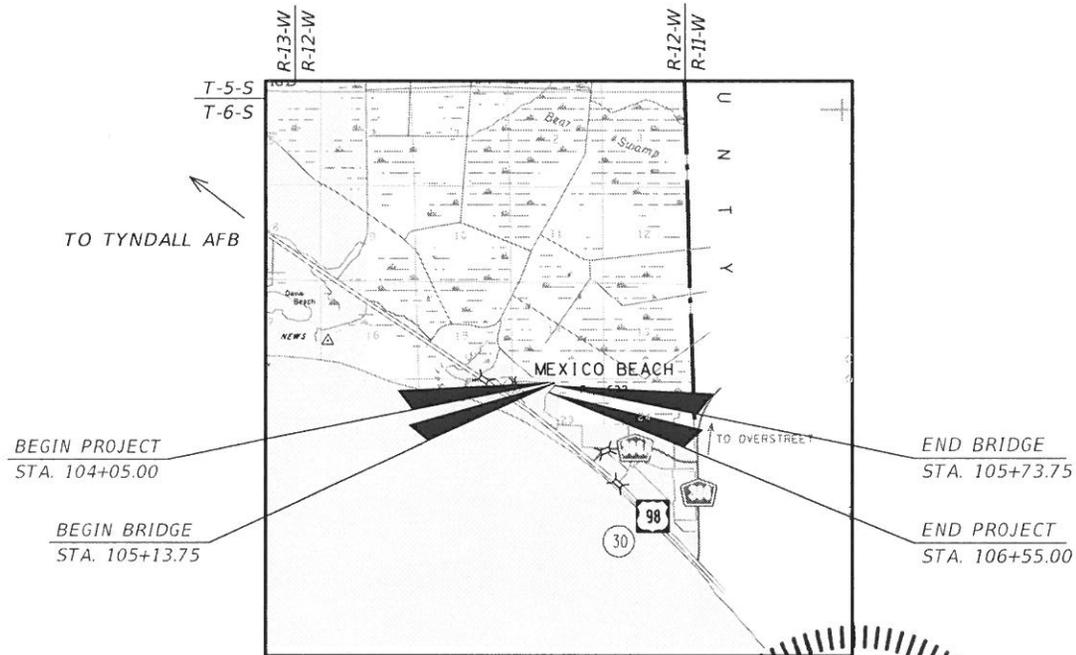
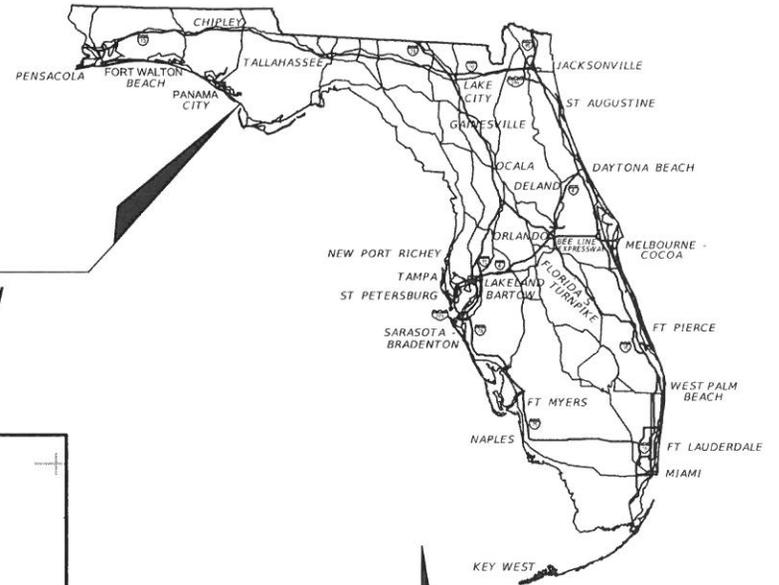
Mariners and other interested parties are requested to submit comments on the proposed bridge project. Comments are solicited relative to the proposed navigational clearances, the possible need for a pier protection fender system, the possible need for clearance gauges on the bridge, the extent of nighttime traffic at the bridge site and other navigational safety issues. 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 populations, if any, giving sufficient detail to establish a clear understanding of their reasons for support of or opposition to the proposed work.

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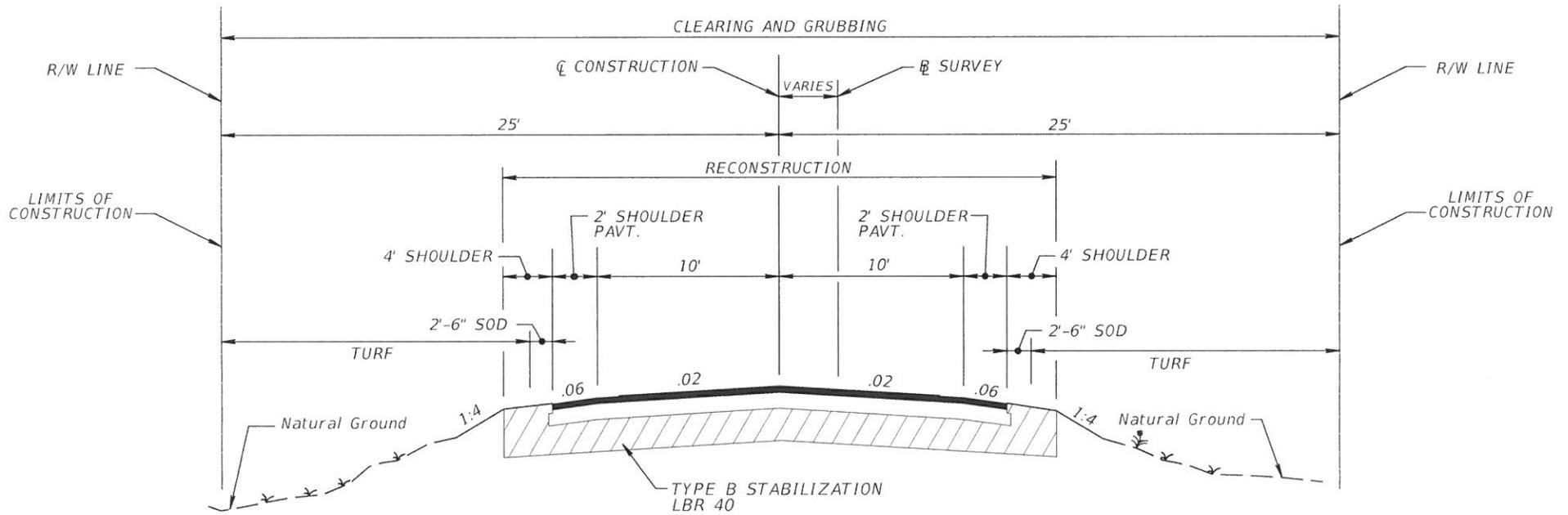
DAVID M. FRANK
Chief, Bridge Administration Branch
By direction of the Commander
Eighth Coast Guard District

This is a web-searchable copy and it is not the official, signed version; however, other than the signature being omitted, it is a duplicate of the official version.

**PROJECT
LOCATION**



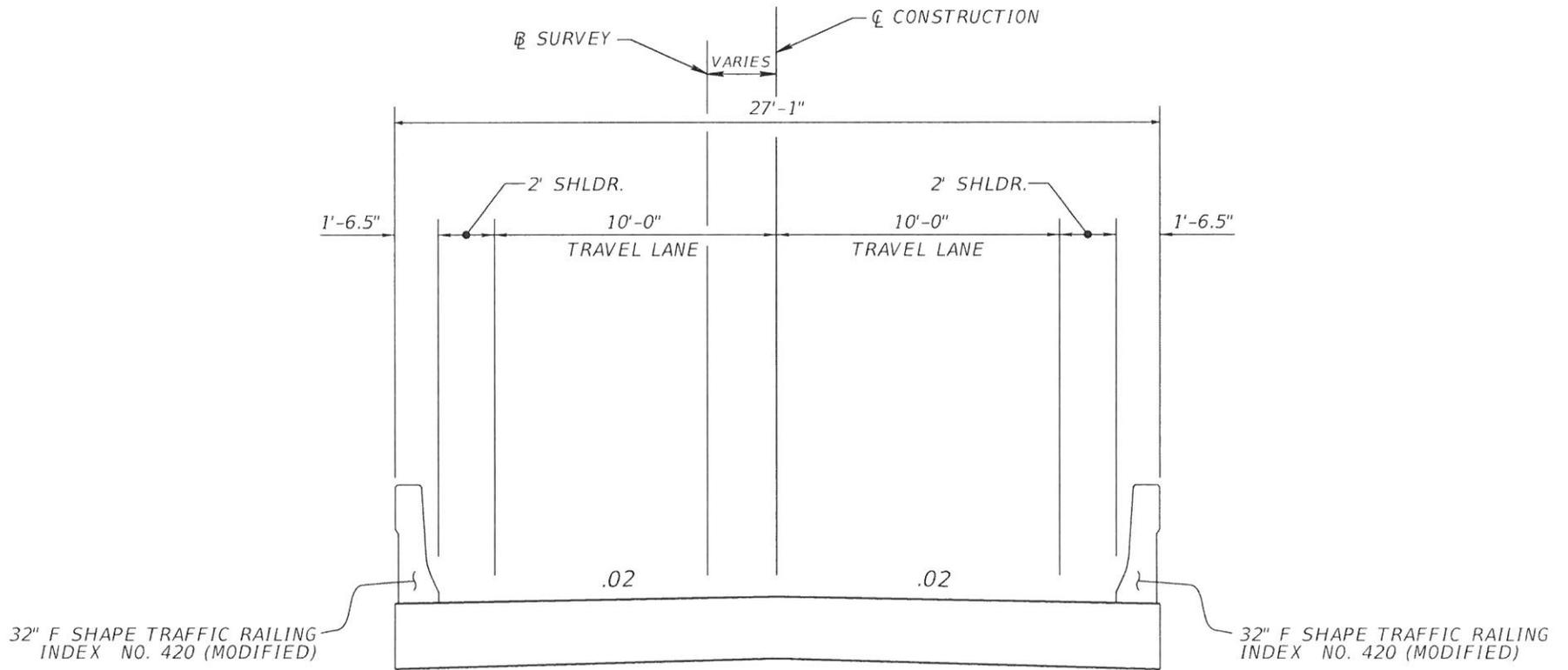
MARCH 2016 SHEET 1 OF 5
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE NO. 466001 36TH STREET BRIDGE OVER MEXICO BEACH CANAL BAY COUNTY, FL M.P. 0.155 TO M.P. 0.202
VICINITY MAP



TYPICAL SECTION
 36TH STREET
 STA. 104+05.00 TO STA. 105+13.75
 STA. 105+73.75 TO STA. 106+55.00



MARCH 2016 SHEET 2 OF 5
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE NO. 466001 36TH STREET BRIDGE OVER MEXICO BEACH CANAL BAY COUNTY, FL M.P. 0.155 TO M.P. 0.202
ROADWAY TYPICAL SECTION



BRIDGE TYPICAL SECTION
 36TH STREET
 STA. 105+13.75 TO STA. 105+73.75

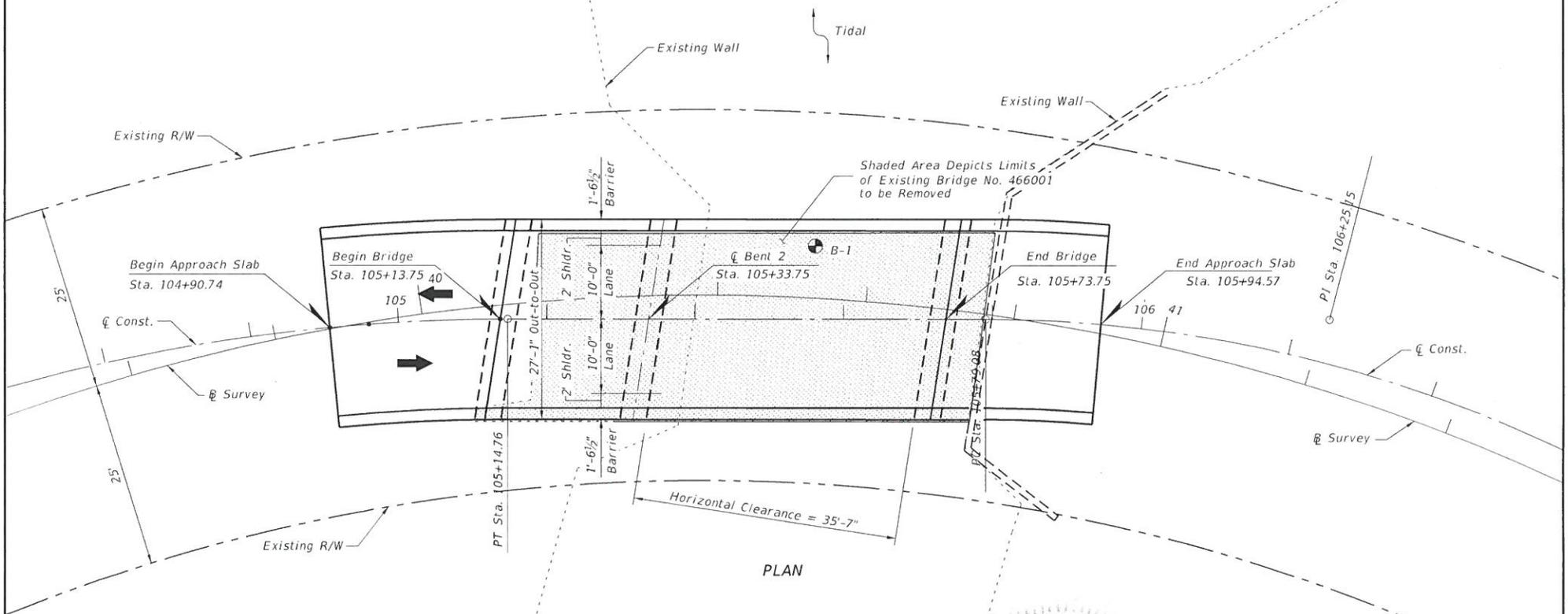
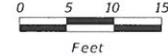
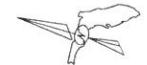


MARCH 2016 SHEET 3 OF 5
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE NO. 466001 36TH STREET BRIDGE OVER MEXICO BEACH CANAL BAY COUNTY, FL M.P. 0.155 TO M.P. 0.202
BRIDGE TYPICAL SECTION

HORIZONTAL CURVE DATA

CURVE DATA CLCONST12
 PI STA. = 104+28.83
 Δ = 41° 16' 06" (RT)
 D = 22° 55' 06"
 T = 94.14
 L = 180.07
 R = 250.00
 PC STA. = 103+34.69
 PT STA. = 105+14.76
 e = N/A

CURVE DATA CLCONST13
 PI STA. = 106+25.15
 Δ = 28° 42' 52" (RT)
 D = 31° 49' 52"
 T = 46.07
 L = 90.21
 R = 180.00
 PC STA. = 105+79.08
 PT STA. = 106+69.29
 e = N/A



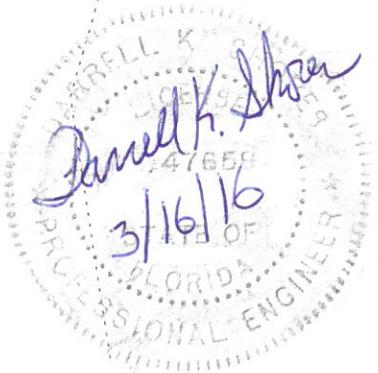
PLAN

TRAFFIC DATA

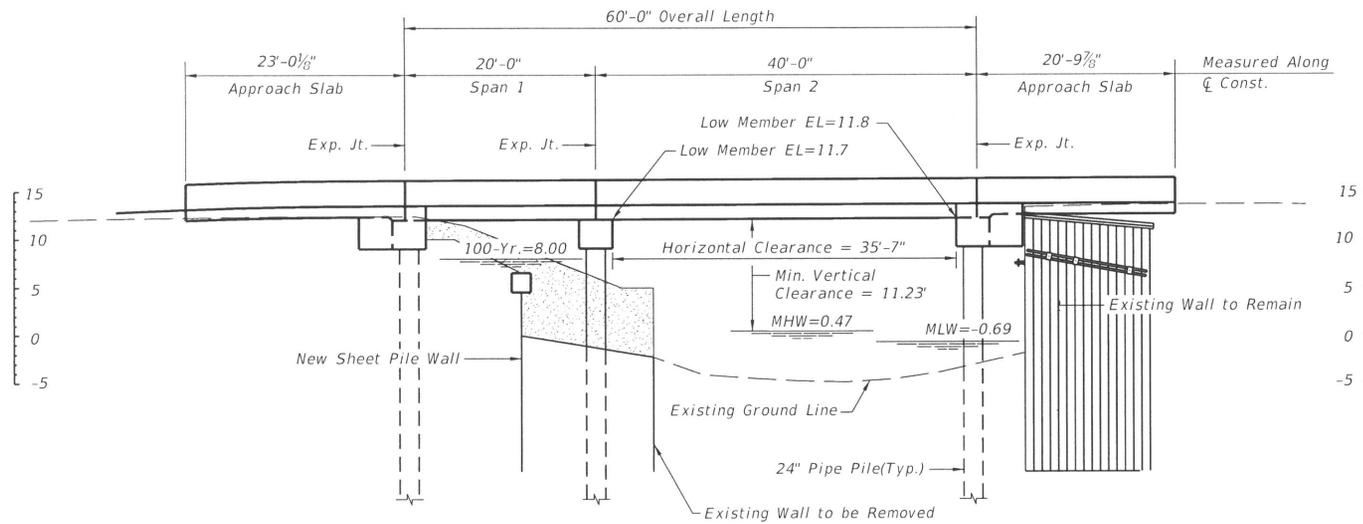
Current Year=2015 AADT=N/A
 Estimated Opening Year= AADT=N/A
 Estimated Design Year= AADT=N/A
 Design Hour T= N/A
 Design Speed= XX mph

LEGEND

- Direction of Traffic
- Approximate Location of Soil Boring



MARCH 2016 SHEET 4 OF 5
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE NO. 466001 36TH STREET BRIDGE OVER MEXICO BEACH CANAL BAY COUNTY, FL M.P. 0.155 TO M.P. 0.202
BRIDGE PLAN VIEW



ELEVATION
(Looking East)

LEGEND

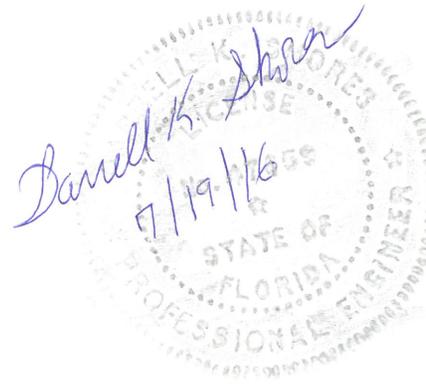
-  Denotes Area of Existing Fill to be Removed
- MHW Mean High Water Elevation
- MLW Mean Low Water Elevation
- 100-Yr. 100-Year FEMA Flood Elevation

NOTES:

1. All elevations are NAVD 88

Existing Bridge Clearances

Vertical Clearance: 9.42 ft at MHW and 9.64 ft at MLW
Horizontal Clearance: 35.2 ft



MARCH 2016 SHEET 5 OF 5
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE NO. 466001 36TH STREET BRIDGE OVER MEXICO BEACH CANAL BAY COUNTY, FL M.P. 0.155 TO M.P. 0.202
BRIDGE ELEVATION VIEW