

U.S. Department of  
Homeland Security

United States  
Coast Guard



Commander  
Eighth Coast Guard District  
Hale Boggs Federal Building

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New Orleans, LA 70130-3310  
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February 23, 2021

## **PUBLIC NOTICE (01-21)**

### **BRIDGE PERMIT APPLICATION TO WIDEN AN EXISTING FIXED BRIDGE OVER GULF INTRACOASTAL WATERWAY, FROM SR-180 TO FOLEY BEACH EXPRESS, MILE 158.7, IN ORANGE BEACH, BALDWIN COUNTY, ALABAMA**

All interested parties are notified that the Commander, Eighth Coast Guard District, has received application materials from the Baldwin County Bridge Company for approval of the enclosed location and plans to widen an existing fixed highway bridge from two lanes to four lanes of traffic over a navigable waterway of the United States.

**WATERWAY AND LOCATION:** Gulf Intracoastal Waterway, Mile 158.7, Orange Beach, Baldwin County, Alabama.

**CHARACTER OF WORK:** Baldwin County Bridge Company proposes to widen an existing fixed highway bridge from two lanes to four lanes of traffic, widen the roadway north and south of the existing bridge across the Gulf Intracoastal Waterway (GIWW), at mile 158.7 EHL (East of Harvey Lock). The Foley Beach Express Toll Express Facility has proposed to expand the toll plaza to allow for 11 toll lanes, widen the existing bridge to accommodate 4 lanes of traffic and possibly construct a 2 lane roundabout at the intersection of Foley Beach Expressway and SR 180.

Additional vehicle traffic lanes and bridge piers will be built on the east side of the current bridge. Bridge piers will be placed behind the current bridge protection system which will be expanded to accommodate the new traffic lanes. The design provides a reversible lane capability. This reversible lane may be used to carry traffic on three lanes in one direction and one lane in the opposite direction during hurricane evacuation or other unusual high traffic volume situations.

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

##### **Proposed:**

Vertical:	73' feet above Mean High Water, Between the north and south fenders
Horizontal:	250' between the fender systems

**ENVIRONMENTAL CONSIDERATIONS:** The Coast Guard, as the lead Federal agency for the proposed project, has reviewed the environmental report prepared by the applicant. The Coast Guard has tentatively determined that the proposed action will not have a significant impact on the environment for purposes of the National Environmental Policy Act (NEPA) under the criteria given in the Coast Guard's NEPA implementation instruction. As a result, a Coast Guard categorical exclusion determination (CED) will be prepared as the final environmental document unless significant impacts are revealed by this public notification that warrant the preparation of an environmental assessment or an environmental impact statement.

The applicant has determined that the proposed project will have no adverse impacts to cultural resources because there are no properties in this project that are on the National Register of Historic Places, or otherwise of archaeological, historical, or architectural significance. The applicant has also determined that the proposed project will have no effects on any other law not addressed above.

The applicant proposes to temporarily impact 0.75 acres of jurisdictional wetlands and 0.51 acres of jurisdictional navigable waters. The applicant applied for U.S. Army Corps of Engineers (USACE) permits under Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act of 1899. The USACE determined that neither are required because the work involves discharge of fill material into non-jurisdictional ditches and the installation of bridge pilings and deck structures subject to Section 9 of the Rivers and Harbors Act.

The proposed project will clear the 100- year flood elevation of 9.0 feet above Mean High Water, elevation 0.8 feet. The low steel clearance of the bridge is 73.27 feet. The City of Orange Beach has reviewed the layout and design documents and concur that the structure will have no adverse impact on the special flood hazard Area adjacent to the proposed project.

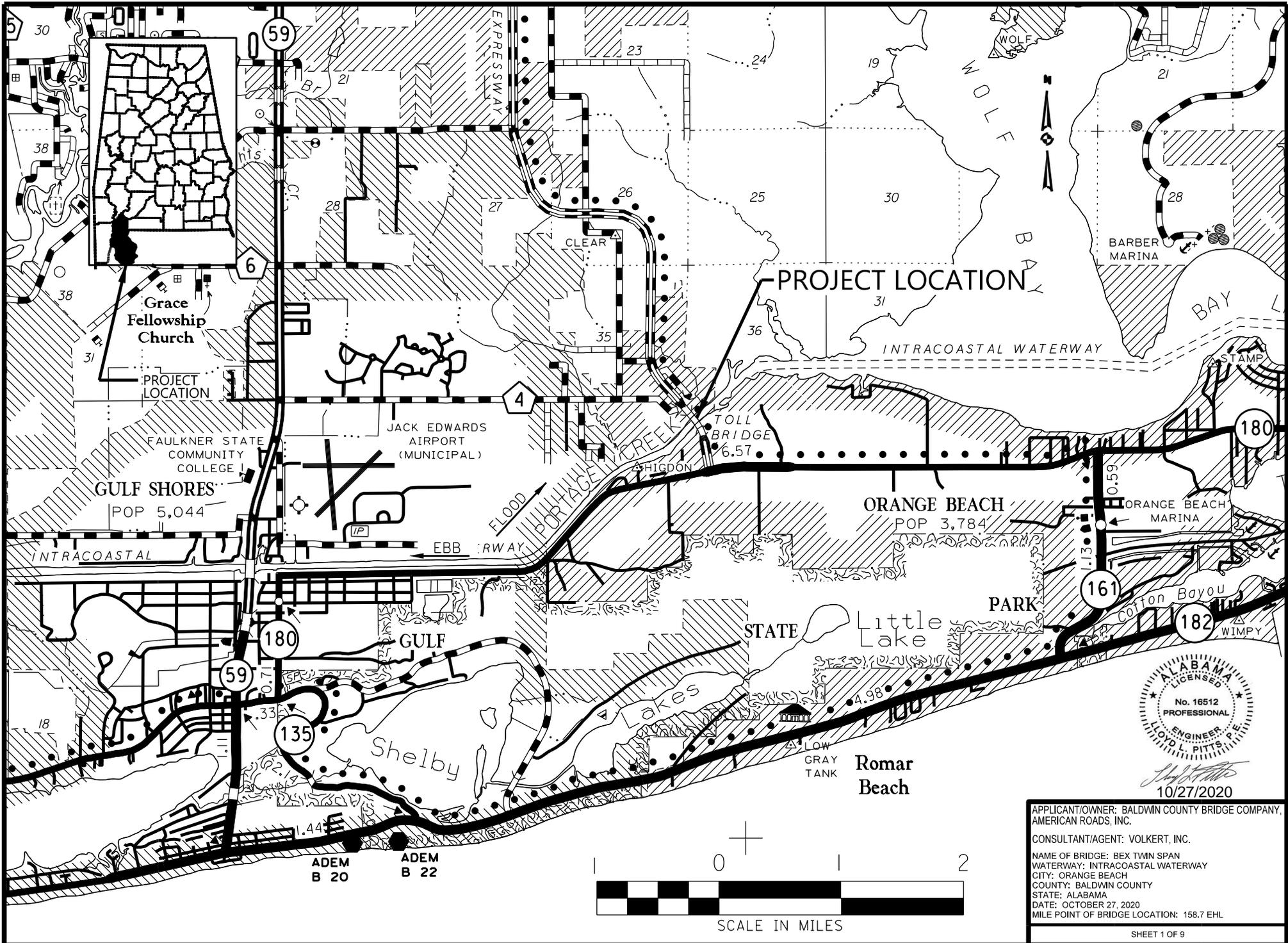
**SOLICITATION OF COMMENTS:**

Interested parties are requested to comment on the proposed bridge project, clearance gauges, the need for a bridge protective system, the extent of nighttime navigation on the waterway, the need for bridge lighting, and other navigational safety issues. Interested parties are also requested to express their views on the proposed bridge project's possible environmental impacts, including impacts on minority and/or low income populations. Comments will be received at the Eighth Coast Guard District, Bridge Administration Branch, at the address given in the letterhead through March 26, 2021. Plans of the proposed project are included in this public notice.

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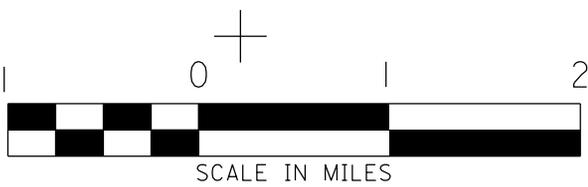
DOUG BLAKEMORE  
Chief, Bridge Administration Branch  
Eighth Coast Guard District  
By direction of the District Commander

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



ALABAMA  
LICENSED  
No. 16512  
PROFESSIONAL  
ENGINEER  
LLOYD L. PITTS, P.E.  
*Lloyd L. Pitts*  
10/27/2020

APPLICANT/OWNER: BALDWIN COUNTY BRIDGE COMPANY,  
AMERICAN ROADS, INC.  
CONSULTANT/AGENT: VOLKERT, INC.  
NAME OF BRIDGE: BEX TWIN SPAN  
WATERWAY: INTRACOASTAL WATERWAY  
CITY: ORANGE BEACH  
COUNTY: BALDWIN COUNTY  
STATE: ALABAMA  
DATE: OCTOBER 27, 2020  
MILE POINT OF BRIDGE LOCATION: 158.7 EHL





NOTES:

1. ALL ELEVATIONS REFER TO MEAN SEA LEVEL AS ZERO DATUM.
2. TIDAL DATUMS BASED ON TIDE GAGE LOCATED AT SR59 OVER ICWW GULF SHORES, AL.
3. NO DREDGING OR FILL FOR PROPOSED BRIDGE WIDENING.
4. 100 YEAR FLOOD EL. 9.00' PER LATEST FEMA MAP.

* WATER DEPTH AT MLLW (FT)	
WEST OF BRIDGE	15.10'
UNDER BRIDGE	15.10'
EAST OF BRIDGE	15.00'

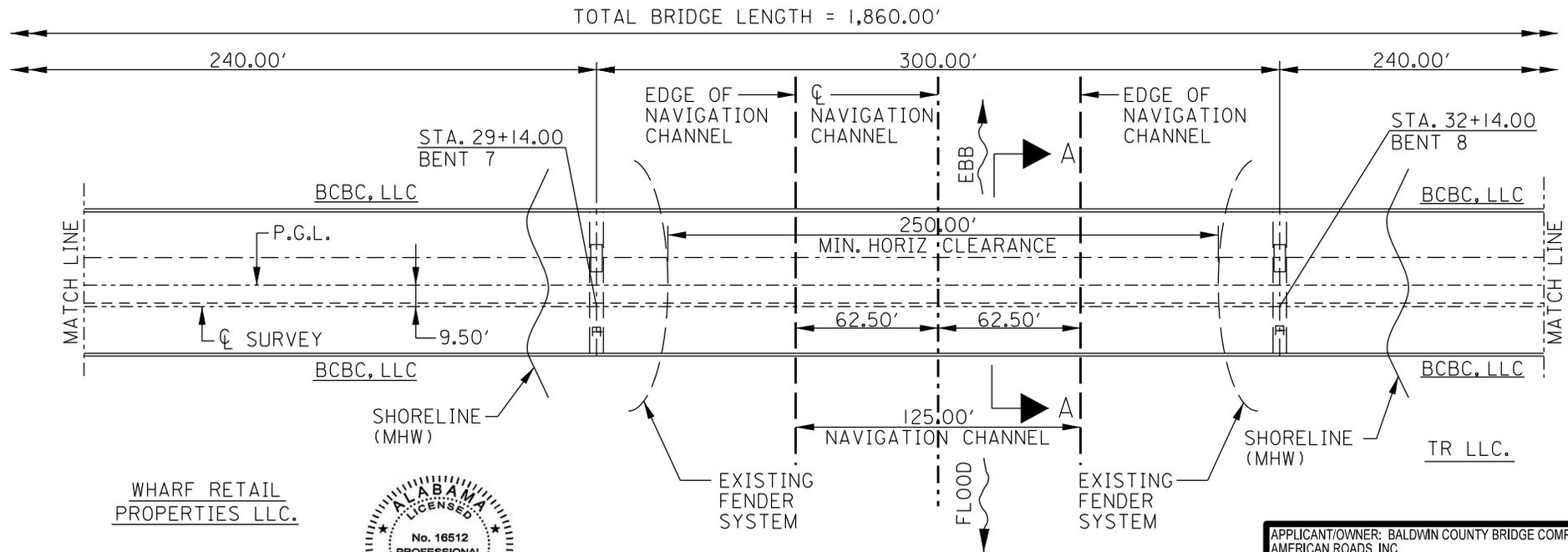


\*U.S. ARMY CORPS SURVEY DATED 21-NOV., 2019 @  $\phi$  CHANNEL

MEAN HIGH WATER (MHW) EL. 0.57'  
MEAN LOW WATER (MLW) EL. -0.52'

CITY OF ORANGE BEACH,  
ALABAMA

FORTY SEVEN  
CANAL PLACE, LLC.



WHARF RETAIL PROPERTIES LLC.



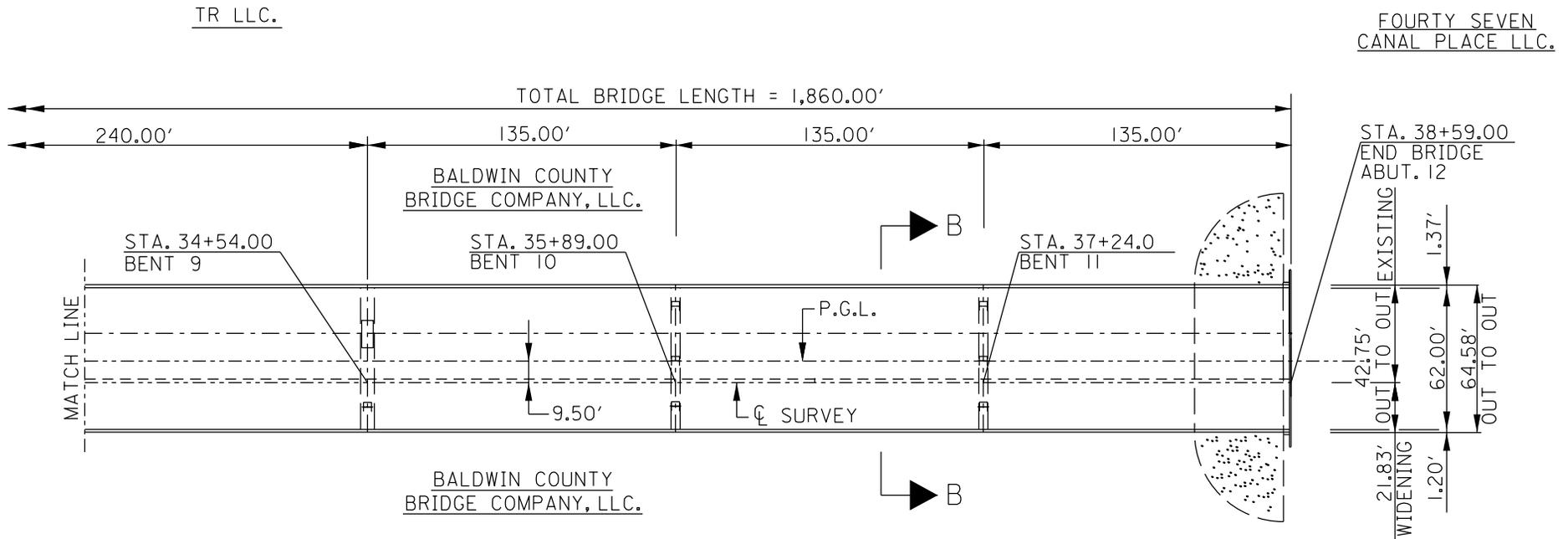
**PARTIAL PLAN**



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TR LLC.

FOURTY SEVEN  
CANAL PLACE LLC.

TOTAL BRIDGE LENGTH = 1,860.00'

STA. 38+59.00  
END BRIDGE  
ABUT. 12

TR LLC.

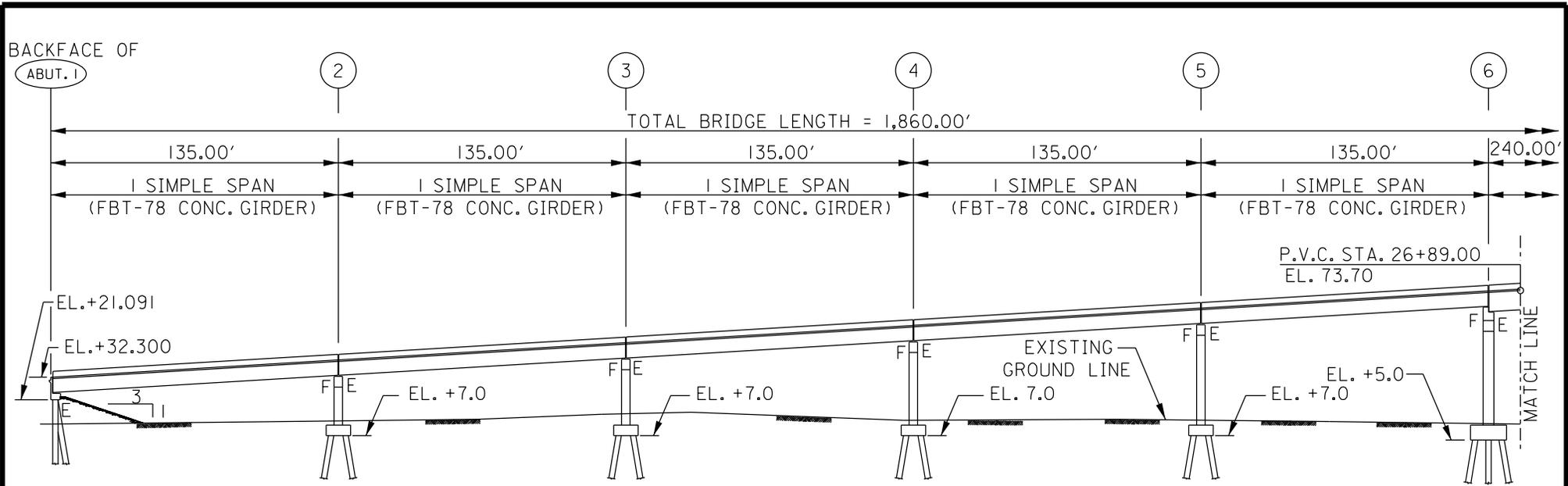
TR LLC



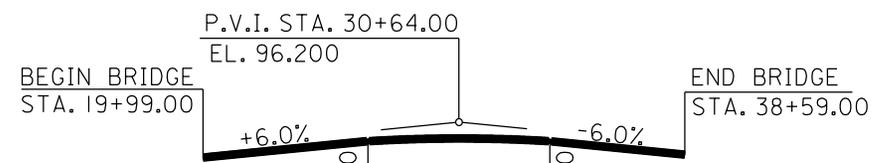
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**PARTIAL ELEVATION**



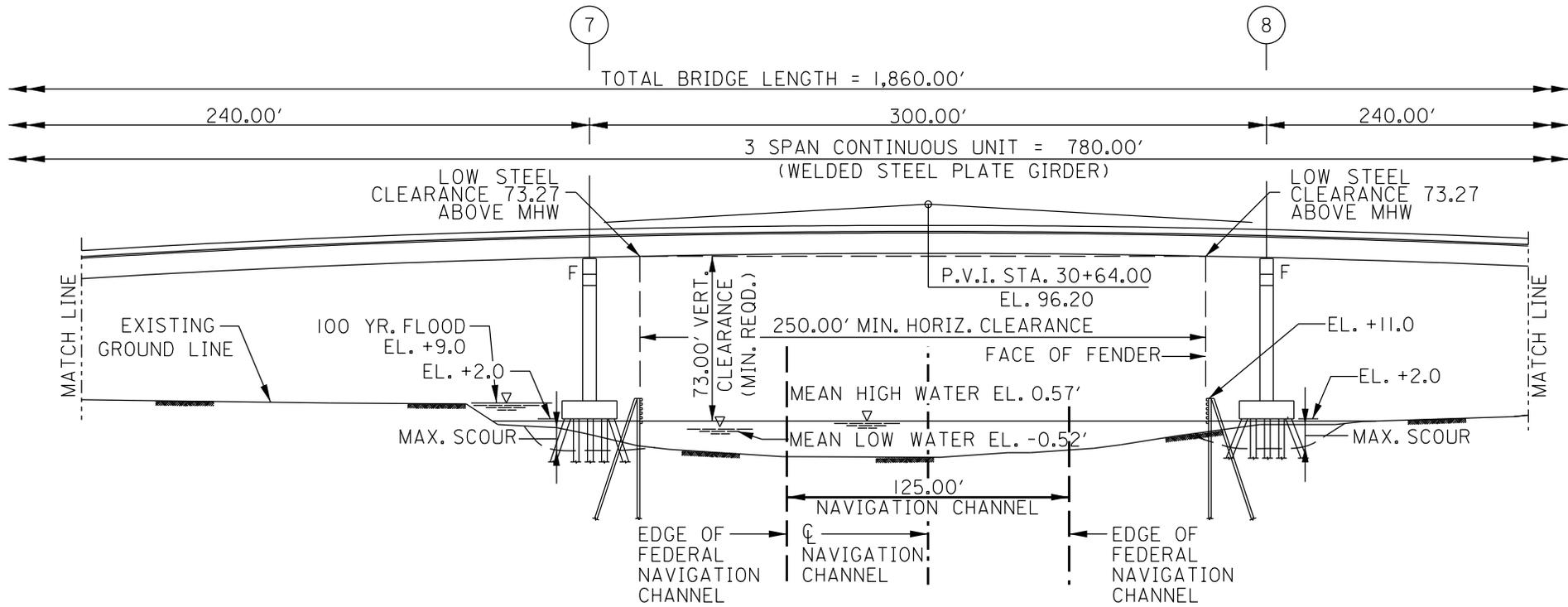
*Lloyd L. Pitts*  
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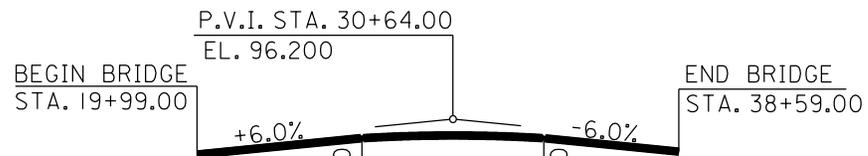
**VERTICAL CURVE DATA**

N.T.S.

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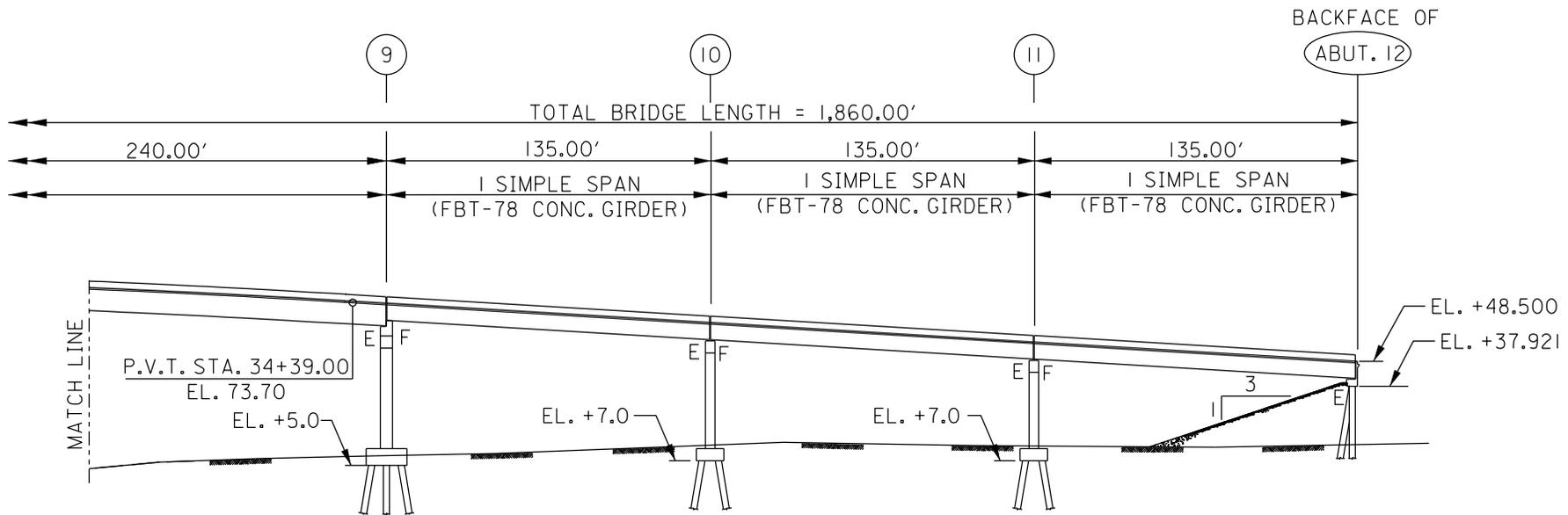


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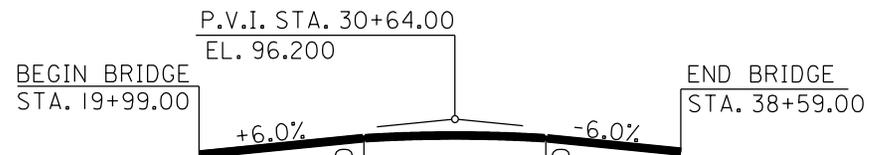
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**PARTIAL ELEVATION**



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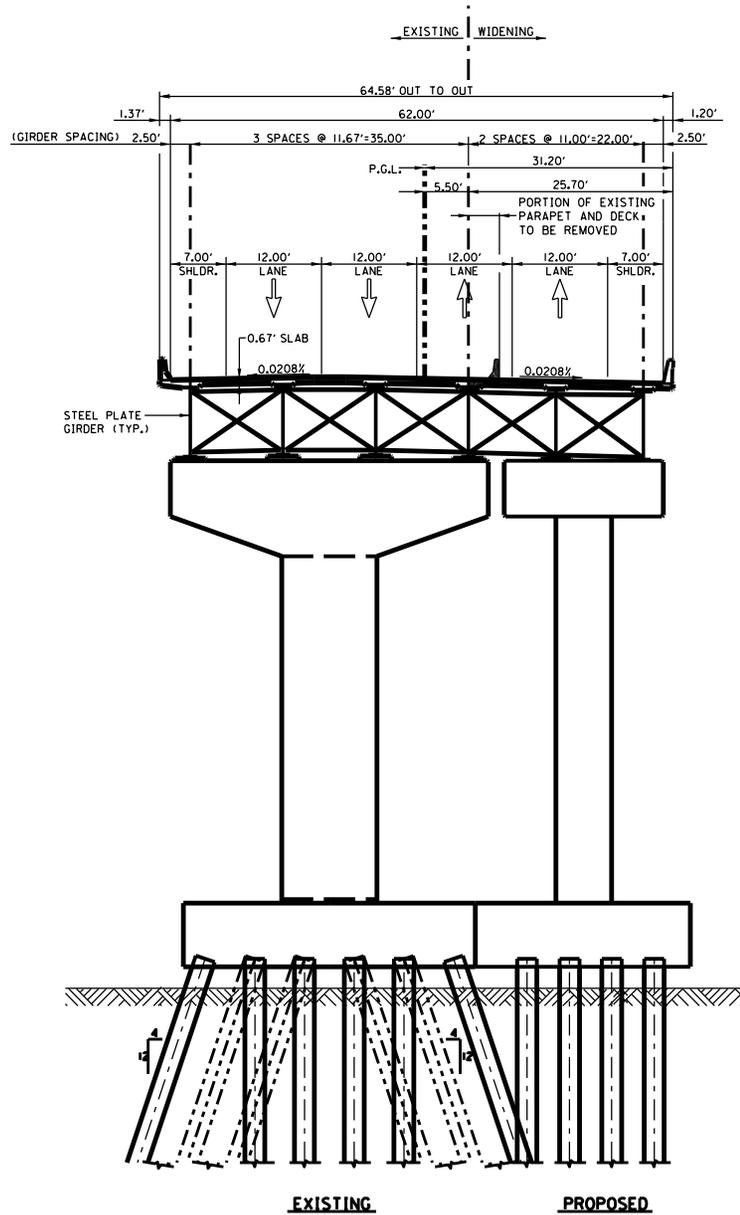
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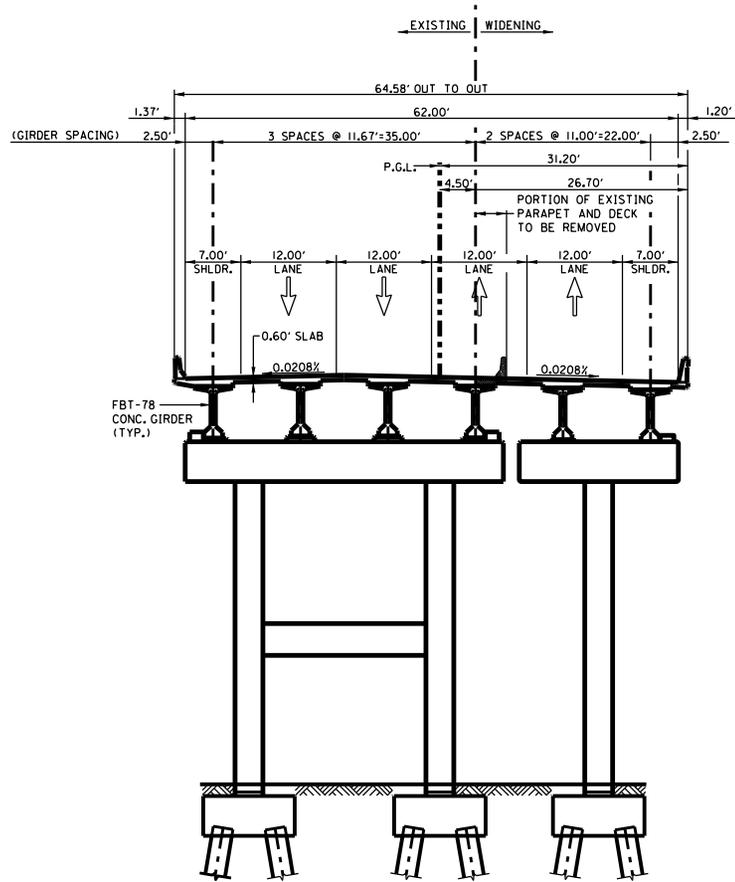


**TYPICAL SECTION A-A**  
SCALE: 1/2"=1'-0"



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**EXISTING**

**PROPOSED**

**TYPICAL SECTION B-B**

SCALE: 1/2"=1'-0"



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10/27/2020

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