

U.S. Department of  
Homeland Security

United States  
Coast Guard



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Eighth Coast Guard District  
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April 24, 2013

## PUBLIC NOTICE (03-13)

All interested parties are notified that an application from the Southeast Louisiana Flood Protection Authority – East (SELFPA-E) has been received by the Commander, Eighth Coast Guard District, for a Bridge Permit to construct a new swing span bridge over a navigable waterway of the United States.

**WATERWAY AND LOCATION:** Bayou Bienvenue at mile 6.02, on the Lake Pontchartrain and Vicinity (LPV) 145 Levee Road, in New Orleans, Orleans Parish, Louisiana.

**CHARACTER OF WORK:** As part of the Greater New Orleans Hurricane and Storm Damage Risk Reduction System, the applicant proposes to construct a single lane, swing span, concrete bridge to be occasionally used for flood protection maintenance and inspection purposes. It will not be a bridge for public use. When not in use, the proposed bridge would remain in the open-to-navigation position.

There is currently no existing bridge at the proposed bridge site. The temporary, removable span bridge that previously existed near the proposed location has been removed in its entirety. The proposed permanent bridge will be located just south of the existing flood control structure on Bayou Bienvenue. The existing horizontal clearance at the flood control structure is 56 feet between fenders.

The proposed permanent bridge is a 16-foot wide, single lane, concrete, swing span bridge with an overall length of 587.62 feet. The proposed bridge will provide one travel lane 14 feet wide and two 12 inch barriers (one on each side of the travel lane). The horizontal clearance of the proposed bridge will be 56 feet between fenders. The vertical clearance of the proposed bridge will be 8.0 feet above MHW, elevation 1.0 foot North American Datum of 1988 (NAVD 88) in the closed-to-navigation position and unlimited in the open-to-navigation position.

Construction is in a floodplain with a 100-year flood elevation of 7.3 feet above NAVD 88. Low steel elevation of the proposed bridge is 9 feet above NAVD 88. The estimated cost of the proposed project is \$10.5 million.

The applicant, SELFPA-E, has indicated that the clearances provided by the new bridge meet the reasonable needs of navigation. Interested parties who believe that these clearances will adversely affect them should provide this office with information regarding their vessel's overall length, beam, draft, and height of the highest fixed point above the waterline.

## **MINIMUM NAVIGATIONAL CLEARANCES:**

Horizontal: 56 feet between fenders

Vertical: 8 feet above Mean High Water, elevation 1 foot NAVD 88 in the closed-to navigation position and unlimited in the open-to-navigation position

## **ENVIRONMENTAL CONSIDERATIONS:**

The U. S. Army Corps of Engineers (USACE) is the lead federal agency for the proposed project for the purposes of the National Environmental Policy Act (NEPA) (40 CFR § 1506.11). NEPA requires federal agencies to integrate environmental values into their decision making processes by considering the environmental impacts of their proposed actions and reasonable alternatives to those actions. To meet this requirement, USACE New Orleans District prepared several Individual Environmental Reports (IERs). IERs were used for the USACE emergency work following Hurricanes Katrina and Rita. These alternative arrangements take the place of an Environmental Impact Statement for proposed actions with significant environmental effects that respond to the emergency. These arrangements were approved by the Council on Environmental Quality (CEQ).

The USACE issued IER #10 and its' Decision Record for the Lake Pontchartrain and Vicinity, Chalmette Loop Levee and Caernarvon Floodwall, Orleans, St. Bernard, and Plaquemines Parishes, Louisiana on May 26, 2009. These documents can be downloaded from the following website:

[http://www.nolaenvironmental.gov/nola\\_public\\_data/projects/usace\\_levee/docs/origianl/FinalIER10\\_26may09.pdf](http://www.nolaenvironmental.gov/nola_public_data/projects/usace_levee/docs/origianl/FinalIER10_26may09.pdf)

Subsequent to that report, the USACE refined its document and issued a Final IER Supplement # 8, 9, 10.a (the Supplement) and Decision Record on March 20, 2013. The supplement refines the proposed work to the Chalmette Loop Levee and Caernarvon Floodwall, which includes the proposed LPV 145 Levee Road Bridge across Bayou Bienvenue. The Coast Guard has reviewed the Final IER Supplement # 8, 9, 10.a and proposes to adopt the bridge related portions of that document. The Coast Guard will issue a Record of Decision provided no significant environmental issues are discovered, which have not already been addressed in the Supplement. The Final IER Supplement # 8, 9, 10.a is available for review at the following website:

[http://www.nolaenvironmental.gov/nola\\_public\\_data/projects/usace\\_levee/docs/original/FinalIER8\\_9\\_10a\\_DR\\_Appen.pdf](http://www.nolaenvironmental.gov/nola_public_data/projects/usace_levee/docs/original/FinalIER8_9_10a_DR_Appen.pdf)

The proposed area of impact is approximately 2.6 acres, of which approximately 0.2 acres is in Bayou Bienvenue where water depths are approximately 13 feet at the site of the proposed bridge; the remainder is in areas previously impacted by flood protection construction. The bridge would be operable from both sides of Bayou Bienvenue, but would remain in the open position and only be operated for maintenance. No channel or bank excavation would occur, nor would flow in Bayou Bienvenue be restricted. The majority of the swing span bridge assembly would be with the bridge in the open position adjacent to the north bank.

The proposed bridge project is located between Orleans and St. Bernard Parishes, which are currently classified as being in attainment status for all National Ambient Air Quality Standards pollutants. Therefore, the project is in an area where the Louisiana State Implementation Plan does not contain any transportation control measures, and the transportation conformity procedures do not apply.

The Louisiana Department of Environmental Quality (LDEQ) issued Water Quality Certification (WQC) WQC 081222-01/AI 162387/CER 20080001 for the proposed project on February 8, 2009. By email dated October 1, 2012, LDEQ verified that the previously issued WQC is still valid and a revised WQC is not required for the proposed project.

The U. S. Fish and Wildlife Services (USFWS), by letter dated February 25, 2013 stated it does not object to the construction of the proposed structure provided fish and wildlife conservation recommendations are implemented. The USFWS, by letter dated February 1, 2013, stated the proposed project is not likely to adversely affect Federal trust resources under their jurisdiction and currently protected by the Endangered Species Act of 1973 (ESA) because of the incorporation of standard manatee protection measures for use in situations where in-water construction could potentially occur. No other federally listed threatened or endangered species or their critical habitat is known to occur in the project area. The USFWS does not object to the proposed project as described in the IER Supplement. This finding fulfills the requirements under Section 7(a)(2) of the ESA.

The U.S. National Marine Fisheries Service, by letter dated January 25, 2013, stated that it concurs with the determination that the proposed activities would not adversely impact wetlands, essential fish habitat, or associated marine fishery resources.

The State of Louisiana has a Coastal Management Program and the proposed project is within the Coastal Zone Boundary. The Louisiana Department of Natural Resources has reviewed the proposed project for consistency with the Louisiana Coastal Resources Program goals and policies, and issued Coastal Zone Consistency C20120320 for the proposed project on November 13, 2012.

No cultural resources listed on or eligible for listing on the National Register of Historic Places are known to exist within the project limits. The Louisiana State Historic Preservation Officer, by letter dated November 17, 2008, stated no known historic properties will be affected by this undertaking. The changes proposed by the Supplement do not change the footprints of actions coordinated for in the original IERs. Therefore, no further coordination is required for this IER Supplement.

The proposed project will not require additional right-of-way and no relocations of residences or businesses will be required. No parklands, recreational areas, waterfowl or wildlife refuges will be affected by the proposed bridge project. The project will not directly impact any national wildlife refuges or preserves. No significant effects on public utilities, fire protection, or other emergency services are anticipated. No wild and scenic rivers or wildlife management areas exist at the proposed project site.

**SOLICITATION OF COMMENTS:**

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.

Comments will be received for the record at the Office of the Commander (dpb), Eighth Coast Guard District, 500 Poydras Street, Room 1313, New Orleans, Louisiana 70130-3310, through May 24, 2013. These comments will be made part of the case record.

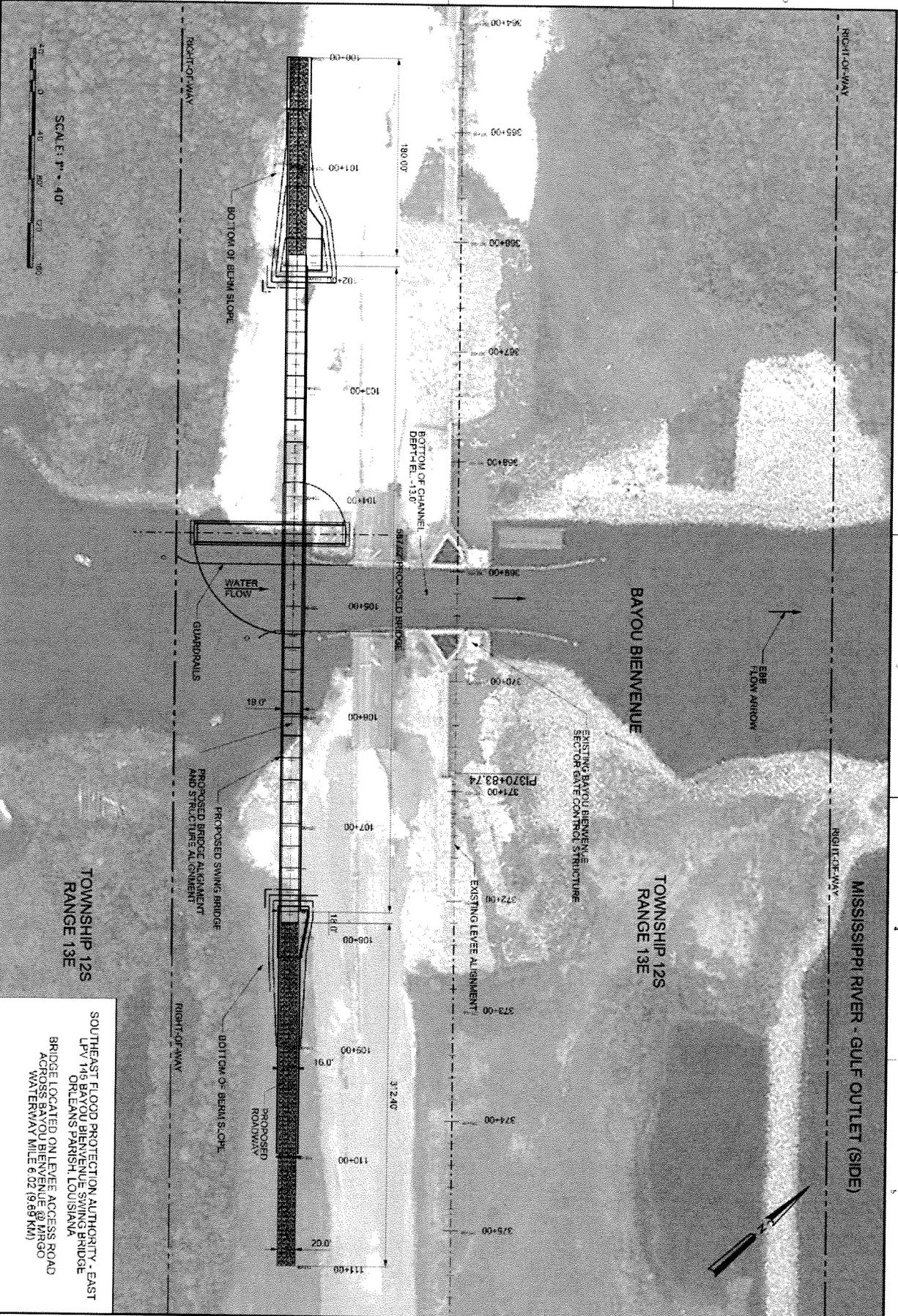
Map of location and plans attached.

*//s//*

DAVID M. FRANK  
Chief, Bridge Branch  
U.S. Coast Guard  
By direction

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.





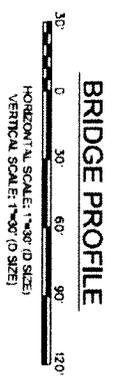
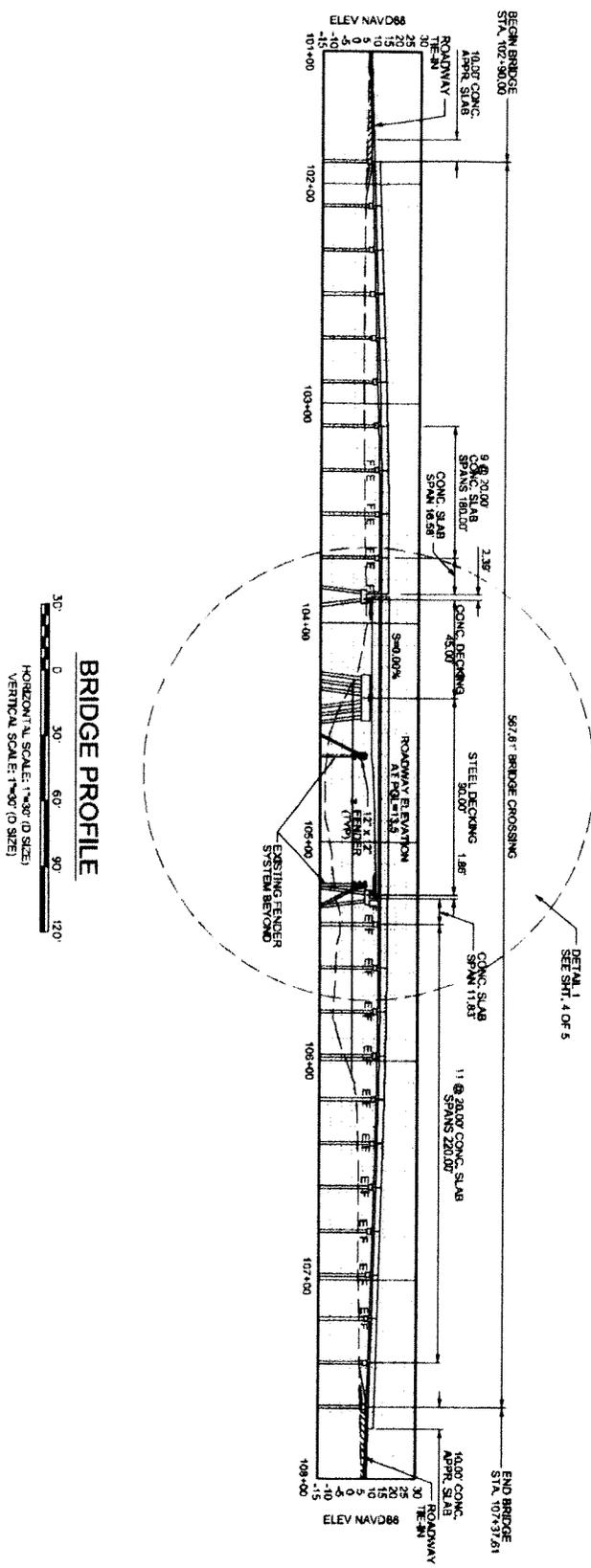
SOUTHEAST FLOOD PROTECTION AUTHORITY - EAST  
 LEVYING BAYOU BIENVENUE SWING BRIDGE  
 BRIDGE LOCATED ON LEVEE ACCESS ROAD  
 ACROSS BAYOU BIENVENUE @ MRGO  
 WATERWAY MILE 6.02 (9.69 KM)  
 DATE: 12/15/2017 REV: 1-A-002913

PLAN VIEW SHEET  
 SHEET 2 OF 5

U.S. ARMY CORPS OF ENGINEERS MISSISSIPPI VALLEY DIVISION NEW ORLEANS DISTRICT	CONTRACT NO. DRAWING NO. PROJECT NO. SHEET NO. DATE
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DATE TIME DRAWN BY CHECKED BY APPROVED BY	DATE TIME DRAWN BY CHECKED BY APPROVED BY
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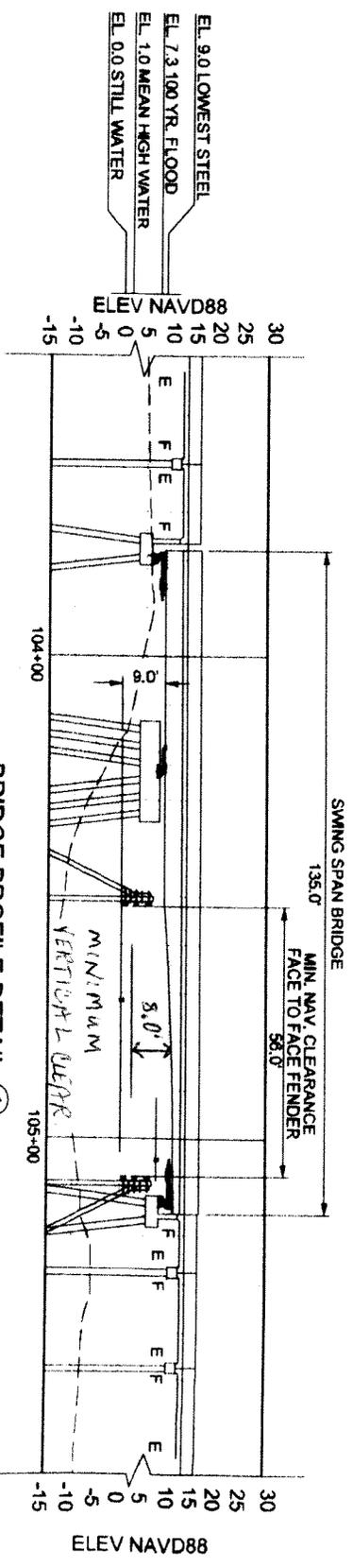




NOTE:  
1. REFERENCE DATUM NAVD88

SOUTHEAST FLOOD PROTECTION AUTHORITY - EAST  
SOUTHEAST FLOOD PROTECTION AUTHORITY EAST  
LPV 145 BAYOU BIENVENUE SWING BRIDGE  
ORLEANS PARISH, LOUISIANA  
BRIDGE LOCATED ON LEVEE ACCESS ROAD  
ACROSS BAYOU BIENVENUE @ MRGO  
WATERWAY MILE 6.02 (9.69 KM)  
DATE: 12/15/2012 REV 1: 2/24/2013

<p><b>SHT 3</b> <b>OF 5</b></p>	<p>ELEVATION VIEW</p>	<p>U.S. ARMY CORPS OF ENGINEERS MISSISSIPPI VALLEY DIVISION NEW ORLEANS DISTRICT</p>	<p>DESIGNED BY: [ ] DATE: [ ]</p>	<p>DRAWN BY: [ ] CHECKED BY: [ ]</p>	<p>CONTRACT NO.: [ ]</p>
			<p>PROJECT NO.: [ ]</p>	<p>FILE NUMBER: [ ]</p>	



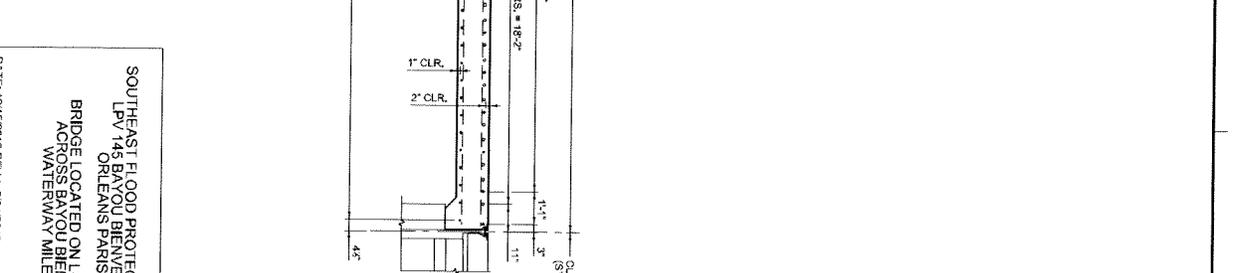
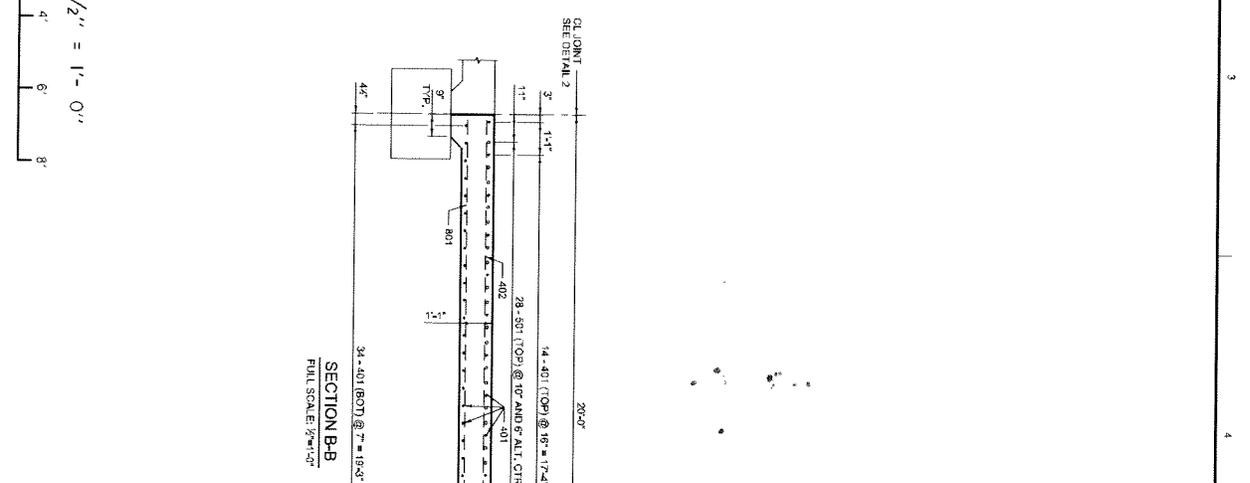
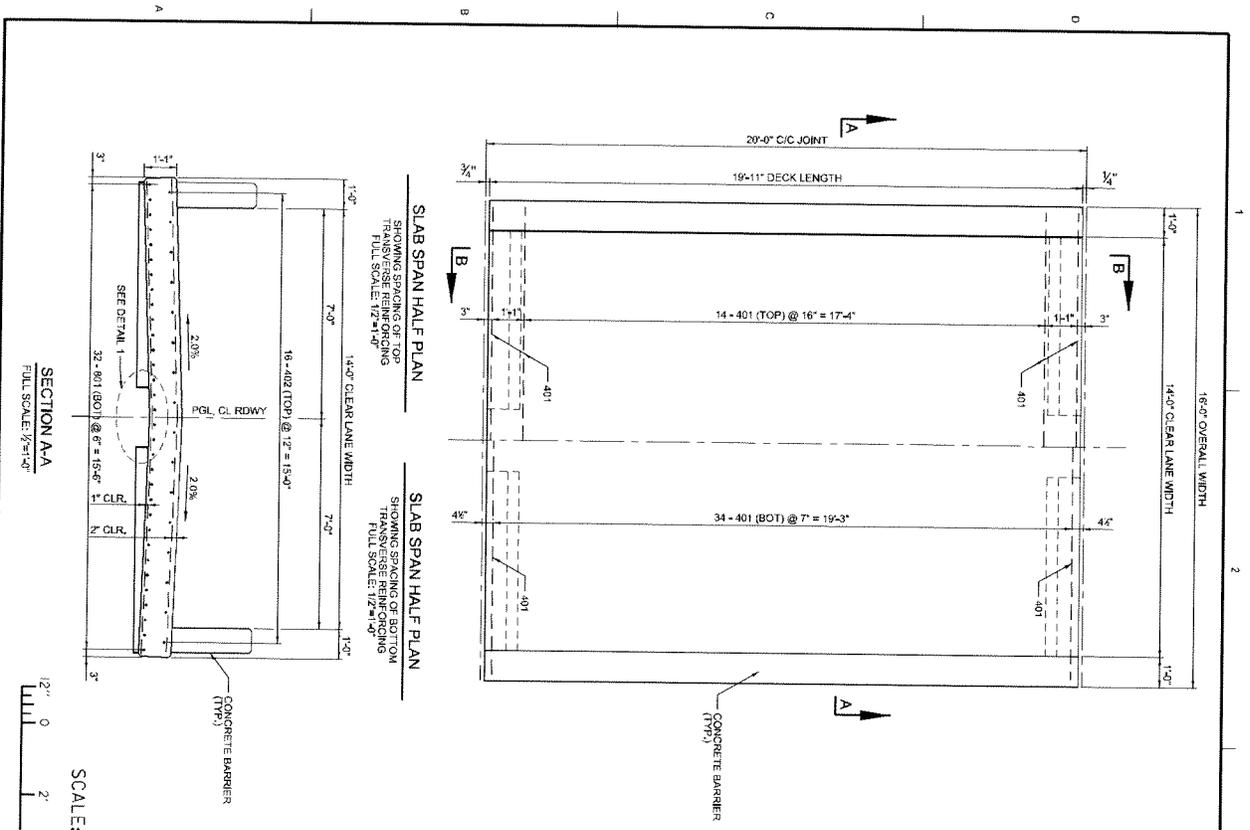
- NOTE:**
1. SEE SHT. 3 OF 5 FOR PROFILE VIEW
  2. REFERENCE DATUM NAVD88
  3. NO MARINE ACCESS IN THE CLOSED POSITION.
  4. LOWEST STEEL ELEVATION 9.0.
  5. 100 YR. FLOOD ELEVATION 7.3.
  6. WATERLINE ELEVATION 0.0.
  7. MIN. VERTICAL CLEARANCE MEAN HIGH WATER = 8.0

**BRIDGE PROFILE DETAIL (1)**  
N.T.S.

SOUTHEAST FLOOD PROTECTION AUTHORITY - EAST  
 LPV HAS BAYOU BIENVENUE SWING BRIDGE  
 ORLEANS PARISH, LOUISIANA  
 BRIDGE LOCATED ON LEVEE ACCESS ROAD  
 ACROSS BAYOU BIENVENUE @ MRGO  
 WATERWAY MILE 6.02 (9.69 KM)

DATE: 12/15/2012 REV: 1: 40172013

SHT 4 OF 5	ELEVATION VIEW	LPV HAS BAYOU BIENVENUE SWING BRIDGE SOUTHEAST FLOOD PROTECTION AUTHORITY EAST BAYOU BIENVENUE, ORLEANS PARISH, LA	U.S. ARMY CORPS OF ENGINEERS MISSISSIPPI VALLEY DIVISION NEW ORLEANS DISTRICT	DESIGNED BY: [ ] DATE: [ ] DRAWN BY: [ ] CHECKED BY: [ ] IN CHARGE: [ ] PROJECT: [ ] SHEET: [ ]	CONTRACT NO.: [ ] PROJECT NO.: [ ] DRAWING NO.: [ ]	DATE: [ ] TIME: [ ] BY: [ ] APPROVAL: [ ]	DATE: [ ] TIME: [ ] BY: [ ] APPROVAL: [ ]						
		DATE: 12/15/2012 REV: 1: 40172013		SOUTHEAST FLOOD PROTECTION AUTHORITY - EAST LPV HAS BAYOU BIENVENUE SWING BRIDGE ORLEANS PARISH, LOUISIANA BRIDGE LOCATED ON LEVEE ACCESS ROAD ACROSS BAYOU BIENVENUE @ MRGO WATERWAY MILE 6.02 (9.69 KM)		U.S. ARMY CORPS OF ENGINEERS MISSISSIPPI VALLEY DIVISION NEW ORLEANS DISTRICT		DESIGNED BY: [ ] DATE: [ ] DRAWN BY: [ ] CHECKED BY: [ ] IN CHARGE: [ ] PROJECT: [ ] SHEET: [ ]		CONTRACT NO.: [ ] PROJECT NO.: [ ] DRAWING NO.: [ ]		DATE: [ ] TIME: [ ] BY: [ ] APPROVAL: [ ]	



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

DATE: 12/15/2012 REV: 11/2004/2013

SOUTHEAST FLOOD PROTECTION AUTHORITY - EAST  
 LPV/145 BAYOU BIENVENUE SWING BRIDGE  
 ORLEANS PARISH, LOUISIANA  
 BRIDGE LOCATED ON LEVEE ACCESS ROAD  
 ACROSS BAYOU BIENVENUE @ MRGO  
 WATERWAY MILE 6.02 (9.697 KM)

<b>SHT. 5</b> <b>OF 5</b>	TYPICAL SECTION DETAILS LPV 145 BAYOU BIENVENUE SWING BRIDGE SOUTHEAST FLOOD PROTECTION AUTHORITY EAST BAYOU BIENVENUE, ORLEANS PARISH, LA	U.S. ARMY CORPS OF ENGINEERS MISSISSIPPI VALLEY DIVISION NEW ORLEANS DISTRICT	DRAWN BY: [ ] CHECKED BY: [ ] DATE: DEC 2012	CONTRACT NO.: [ ] PROJECT NO.: [ ] SHEET NO.: [ ]
			FILE NAME: [ ] FILE NUMBER: [ ]	DATE: [ ] APPR. MARK: [ ] DATE: [ ] APPR. MARK: [ ]