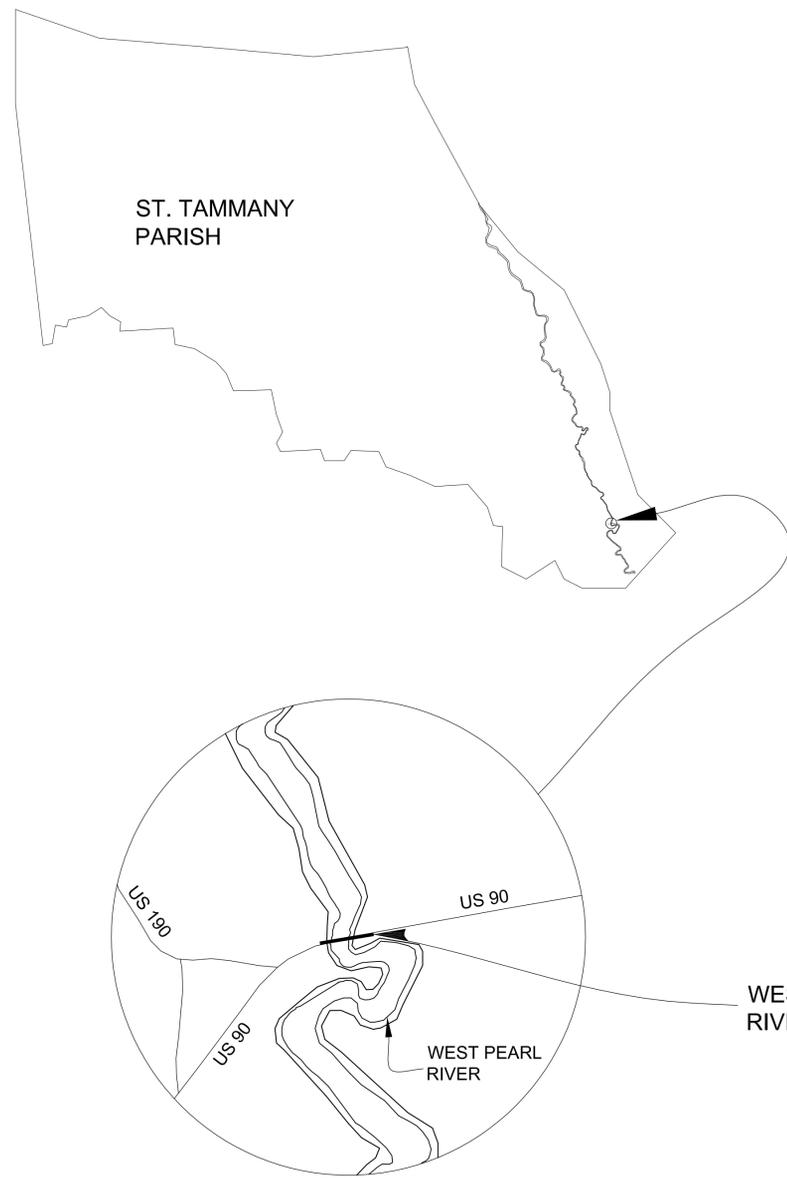
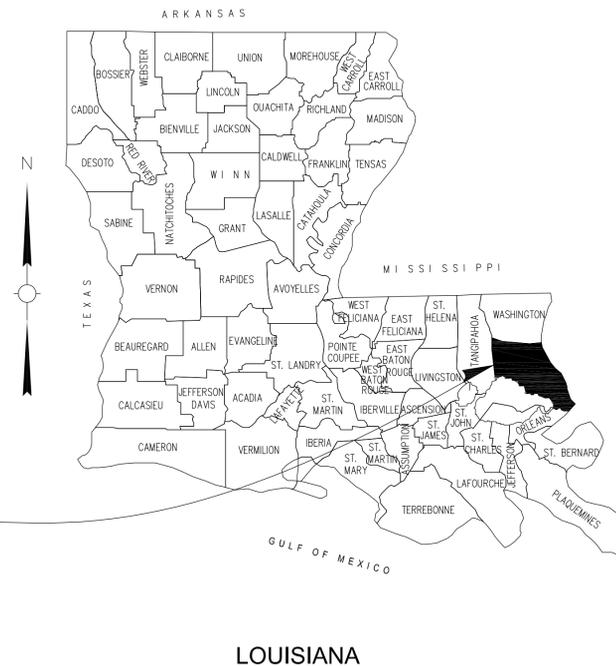


WEST PEARL RIVER BRIDGE



SLIDELL

LOCATION MAP
 Latitude: 30.23075 North
 Longitude: -89.670333 West

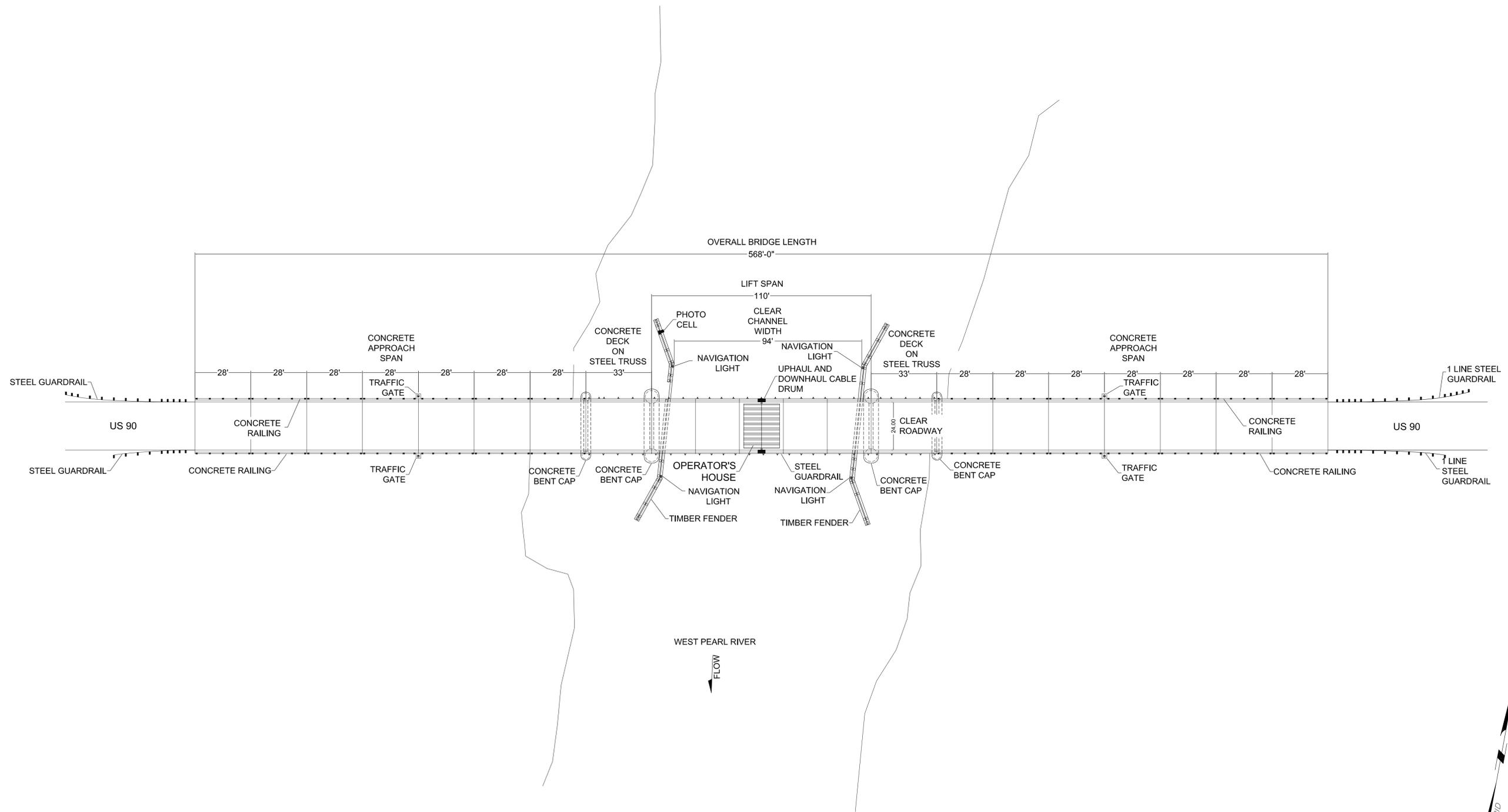


The West Pearl River Bridge (Bridge Recall No. 058710), designed by the Louisiana Highway Commission and completed in 1933, is significant as one of four bridges constructed to carry US 90/Old Spanish Trail over the Pearl River in St. Tammany Parrish in the early 1930s. The bridge is an essential part of the Rigolets-Pearlington highway shortcut connecting New Orleans to the Mississippi Gulf Coast. Construction of the shortcut created a more direct and efficient route between Louisiana and Mississippi and made a significant contribution to the broad patterns of Louisiana's transportation history.

The West Pearl River Bridge is also significant as an important variation within the vertical lift bridge type - a vertical lift span-drive bridge with a Waddell and Harrington configuration. This variation is demonstrated in the location of the drive machinery on the movable span that operates uphaul and downhaul ropes to raise and lower the span. The West Pearl River Bridge was determined eligible for listing in the National Register of Historic Places in 2012 under Criterion A: Transportation and Criterion C: Design/Engineering at the state level of significance.

This documentation was prepared to fulfill Stipulation IX.5 of the Programmatic Agreement Among the Federal Highway Administration, the Louisiana Department of Transportation and Development, the Advisory Council on Historic Preservation, and the Louisiana State Historic Preservation Officer Regarding Management of Historic Bridges in Louisiana, dated August 18, 2015 and executed September 21, 2015. The Louisiana Department of Transportation and Development (LADOTD) retained Mead & Hunt to prepare this document. It was prepared by Shannon Dolan, Cultural Resource Specialist, of Mead & Hunt, Stephen V. Estopinal, P.E., P.L.S. and Trenton Iglehart, Geodetic Analyst, of SJB Group, LLC. Dietrich Floeter completed the photography. These measured drawings were prepared based on a site visit to complete laser scanning of the bridge, with selective hand measuring in the field to verify measurements.

These measured drawings were prepared based on a site visit to complete laser scanning of the bridge, with selective hand measuring in the field to verify measurements.



PLAN VIEW



DELINEATED BY: T. IGLEHART, SJB GROUP, LLC., 2017
 LOUISIANA HISTORIC BRIDGE INVENTORY
 NATIONAL PARK SERVICE
 UNITED STATES DEPARTMENT OF THE INTERIOR

SLIDELL

WEST PEARL RIVER BRIDGE
 CARRIES U.S. ROUTE 90 (US 90) OVER THE WEST PEARL RIVER
 ST. TAMMANY PARISH

LOUISIANA

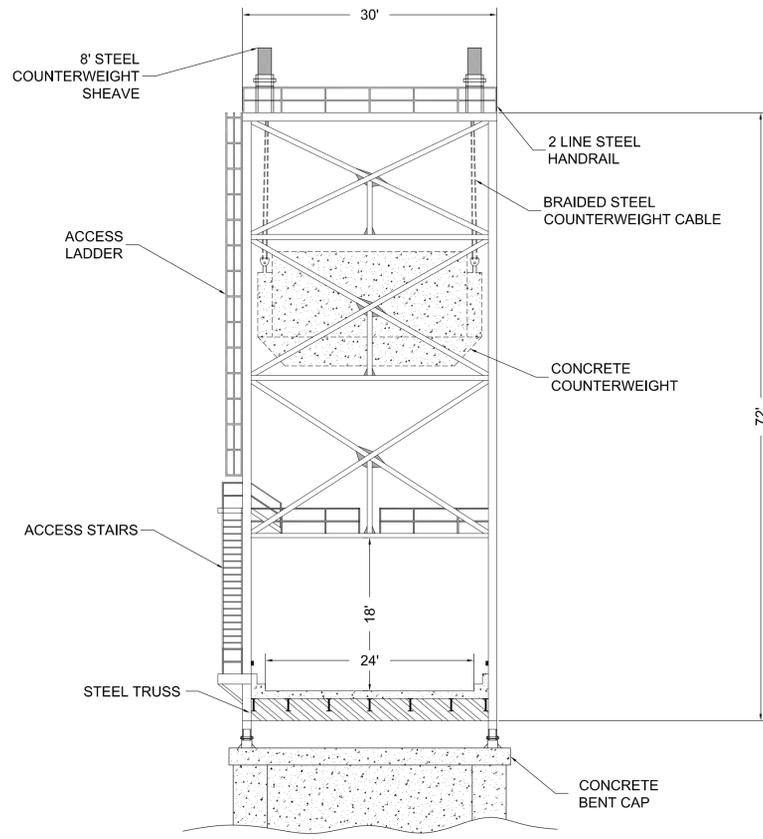
SHEET 2 OF 5

HISTORIC AMERICAN ENGINEERING RECORD

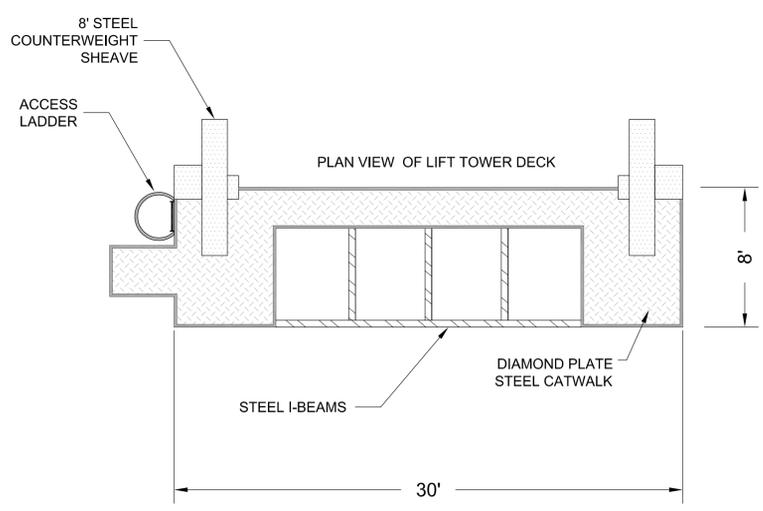
LA-31

LIBRARY OF CONGRESS
 INDEX NUMBER

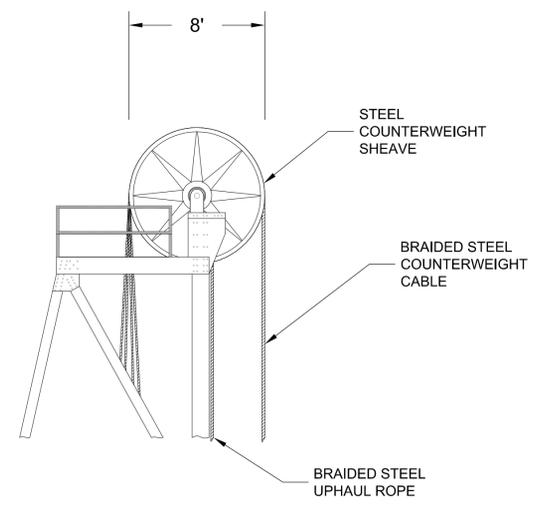
IF REPRODUCED PLEASE CREDIT THE HISTORIC AMERICAN ENGINEERING RECORD, NATIONAL PARK SERVICE, NAME OF DELINEATOR, DATE OF DRAWING



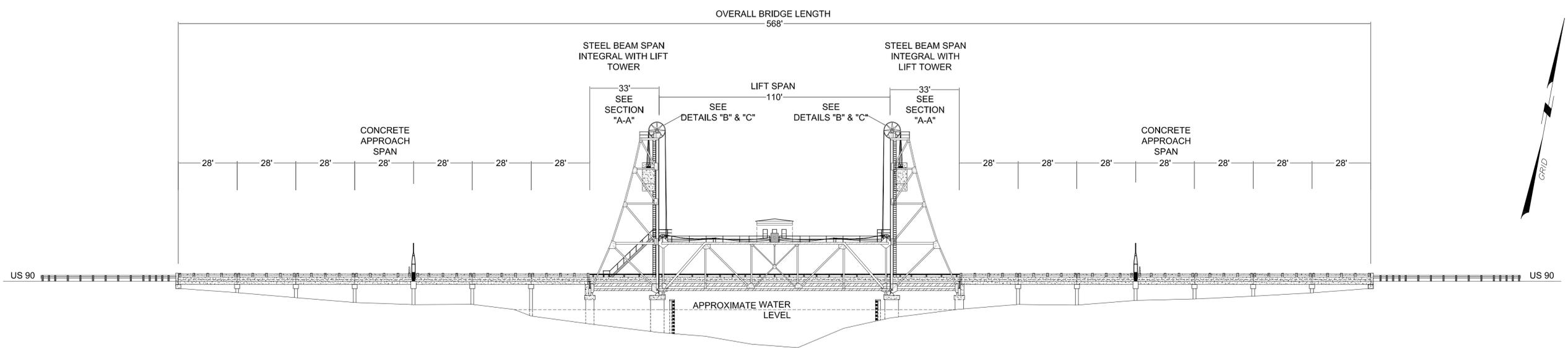
SECTION "A-A"
(NOT TO SCALE)



DETAIL "B"
(NOT TO SCALE)



DETAIL "C"
(NOT TO SCALE)



PROFILE VIEW



DELINEATED BY: T. IGLEHART, SUB GROUP, LLC., 2017

LOUISIANA HISTORIC
BRIDGE INVENTORY
NATIONAL PARK SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR

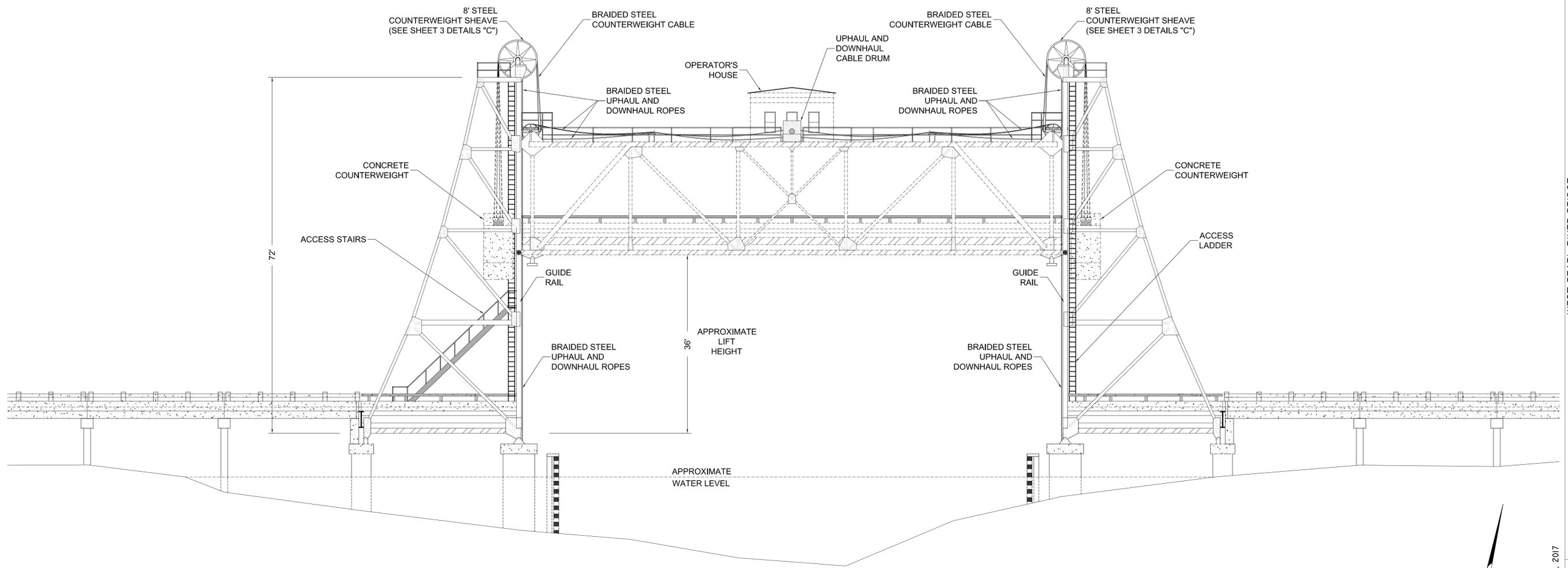
SLIDELL

WEST PEARL RIVER BRIDGE
CARRIES U.S. ROUTE 90 (US 90) OVER THE WEST PEARL RIVER
ST. TAMMANY PARISH

LOUISIANA 3 OF 5
HISTORIC AMERICAN
ENGINEERING RECORD
LA-31

LIBRARY OF CONGRESS
INDEX NUMBER

REPRODUCED PLEASE CREDIT THE HISTORIC AMERICAN ENGINEERING RECORD NATIONAL PARK SERVICE NAME OF DELINEATOR DATE OF DRAWING



OPERATIONAL VIEW



DELINEATED BY: T. IGLEHART, SUB GROUP, LLC., 2017
 LOUISIANA HISTORIC BRIDGE INVENTORY
 NATIONAL PARK SERVICE
 UNITED STATES DEPARTMENT OF THE INTERIOR

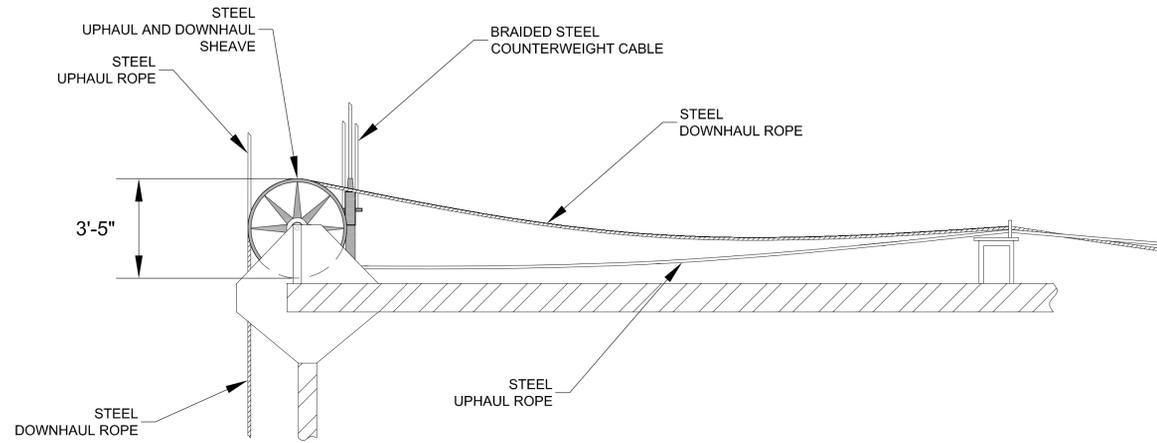
SLIDELL

WEST PEARL RIVER BRIDGE
 CARRIES U.S. ROUTE 90 (US 90) OVER THE WEST PEARL RIVER
 ST. TAMMANY PARISH

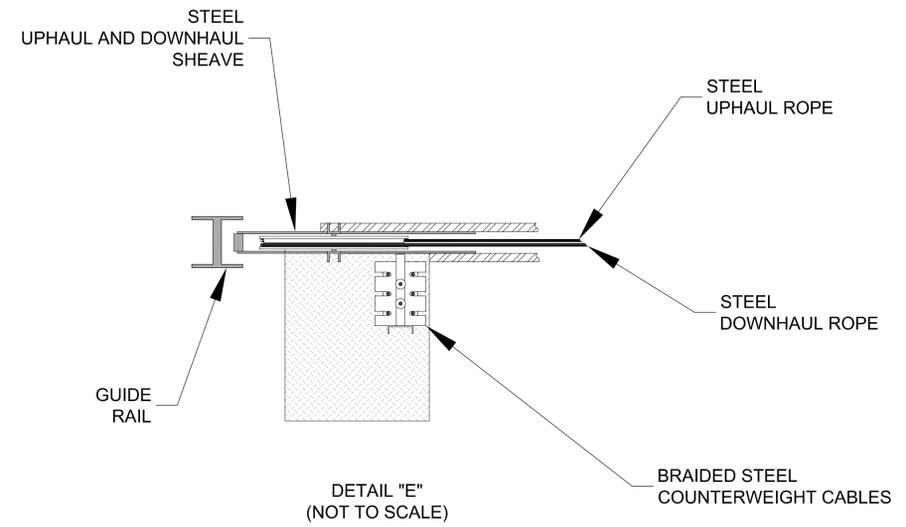
LOUISIANA
 SHEET 4 OF 5
 HISTORIC AMERICAN ENGINEERING RECORD
 LA-31

IF REPRODUCED PLEASE CREDIT THE HISTORIC AMERICAN ENGINEERING RECORD NATIONAL PARK SERVICE NAME OF DELINEATOR DATE OF DRAWING

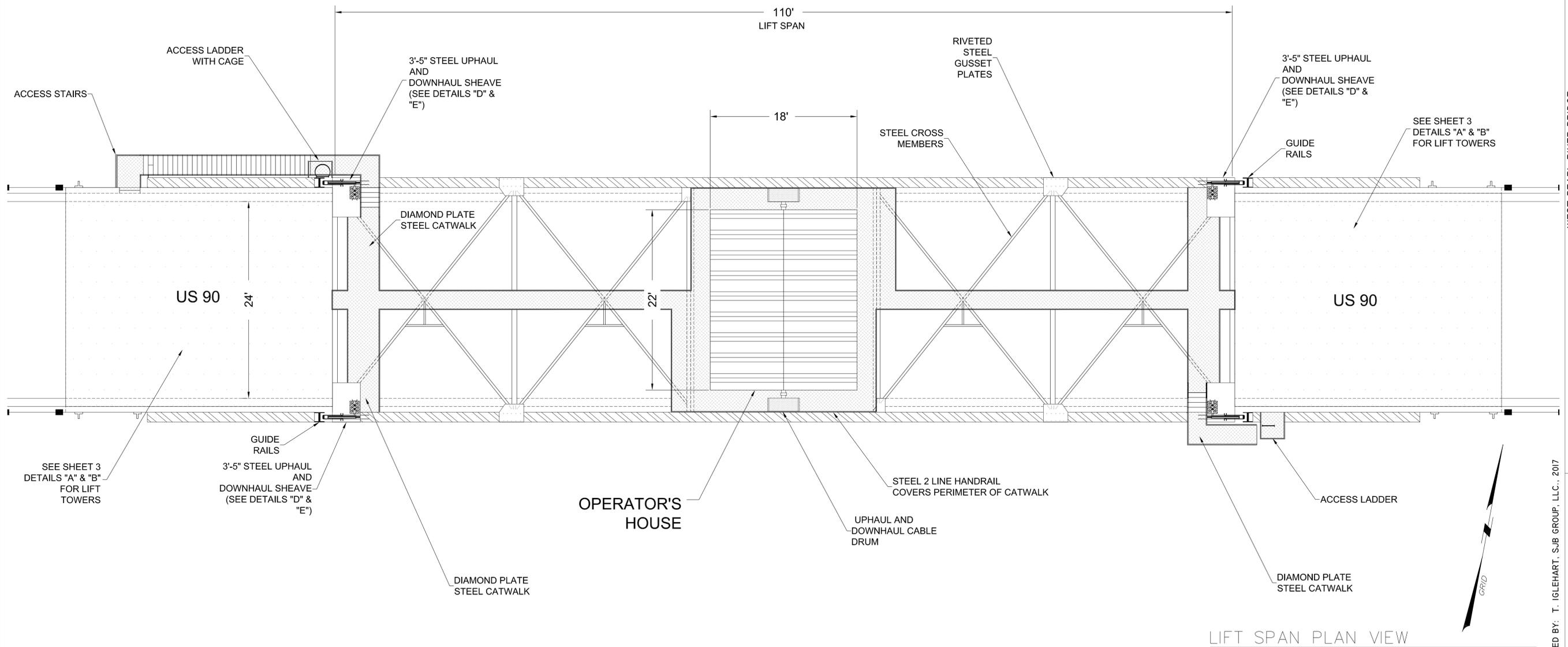
LIBRARY OF CONGRESS
 INDEX NUMBER



DETAIL "D"
(NOT TO SCALE)



DETAIL "E"
(NOT TO SCALE)



LIFT SPAN PLAN VIEW