

# Louisiana Historic Bridge Inventory

Recall Number: 002830

Structure Number: 02458450600001

SHPO Number: 45-00418

Bridge Name: DES ALLEMANDS BAYOU

## Location Data:

District: 02

Parish: St. Charles

Feature Crossed: BAYOU DESALLEMAND

Facility Carried: LA0631

Location: .4 MI WEST OF LA 632

City, Village or Town (if applicable):

Status: Open

Bridge Owner: State of Louisiana

Latitude: 29.823417

Longitude: -90.47625

## Structural Data:

Bridge Type: Steel Plate Girder Swing Span

Year Built: 1935

Main Span Configuration (if applicable): Plate girder swing span

Maximum Span Length (feet): 111

Number of Spans: 1

Overall Structure Length (feet): 542

Approach Span Type (if applicable): Steel - mixed design

Posted Load: 15-25

Current ADT: 001490

## Design and Construction Data:

Engineer or Builder:

Louisiana Highway Commission

Bridge Plaque:

None

## National Register of Historic Places Evaluation:

This steel plate girder swing bridge has significance for its association with important trends or events that have made a significant contribution to the broad patterns of Louisiana history. Its significance is demonstrated through its association with the Public Works Administration (PWA) program established by the National Industrial Recovery Act (NIRA) during the Depression-era to provide work relief and improved infrastructure. A plaque on the bridge identifies it as a federal aid project and Louisiana Highway Commission Biennial reports document that it was a Depression-era work-relief project.

This bridge also possesses significance as an example of a movable bridge and as a subtype. Its significance is demonstrated by the presence of distinctive engineering and design features of the steel plate girder swing type, which is characterized by steel plate girder main span, center-bearing turning mechanism, pivot pier, and operator's house. Based on as-built plans, it appears that state standard plan (S-C-105) served as a general guide for the design and construction of this bridge. This bridge has undergone several alterations, including changes to its mechanical equipment, altered windows and doors on the operator's house, and the removal of locking mechanisms important to the function of the movable span. Although this bridge is still operable, the method of operation has changed from a technologically sophisticated electronic system to a manually operated structure, which, combined with other alterations, cumulatively results in a loss of integrity and a change to the original design and engineering of the bridge under Criterion C. This bridge is not eligible for listing in the National Register under Criterion C. However, despite these alterations, the bridge does continue to convey design features that demonstrate its significance as a work of the PWA and is eligible for the National Register under Criterion A: Politics/Government.

Within/Adjacent to Known Historic District: N/A

National Register Historic District Name: N/A

National Register Determination: Eligible

National Register Determination Date: 2013

Surveyor: Mead & Hunt, Inc.

Date Surveyed: 2013



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## Photographs:

