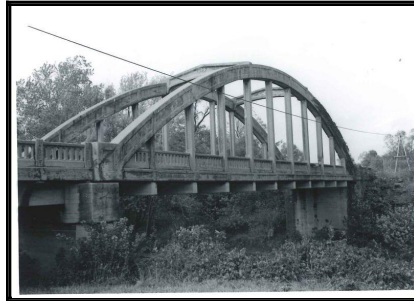


Kansas Historic Resources Inventory

Printed: 06/30/2016



011-0000-00317
Little Osage Creek Marsh Arch
Bridge
-- 215TH ST
Fulton vicinity



LOCATION:

County: Bourbon

Address: -- 215TH ST

Address Remarks: 0.5 mi. N of Fulton on old US-69 HWY now 215TH ST

City: Fulton vicinity

Zip:

Parcel ID:

Legal Description: NW 1/4 of SW 1/4 of NW 1/4 of Section 30 Township 23S Range 25E

Legal Description Remarks: On N-S section line road between S25-T23S-R24E (west) & S30-T23S-R25E (east)

Latitude, Longitude 1: 38.019270 -94.713543

Latitude, Longitude 2:

Latitude, Longitude 3:

Latitude, Longitude 4:

Datum: WGS84

DESCRIPTION:

Historic Name: Little Osage Creek Marsh Arch Bridge

Alternate Name: KDOT Bridge #K-0135-01

Historic Function: Transportation

Subcategory: Road-Related (Vehicular)

Historic Function Remarks:

Present Function: Transportation

Subcategory: Road-Related (Vehicular)

Present Function Remarks:

Residential/Commercial/Religious Style:

Secondary Style:

Barn Type: Not Applicable

Bridge Type: Marsh Arch (Rainbow)

Landscape Type:

Physical Description/Remarks: Two-span, reinforced concrete Marsh arch bridge.

Plan Form: Rectangle

Commercial Building Type: Not Applicable

Roof Form: Other

Stories: 1

Condition: Good

Principal Material: Concrete

Condition Remarks:

Architect/Designer/Builder: Marsh Engineering (eng.); Kelly & Underwood Construction Co.

Year of Construction: 1927

Certainty: Documented

Date Notes:

General Remarks:

Ancillary Structures: None

Ancillary Structure Remarks:

REGISTER STATUS:

Listed in State Register: No

Date of State Listing:

Listed in National Register: No

Date of National Listing:

Historic District:

Demolished:

Date Demolished (if applicable):

Potentially Eligible for National Register: Not Assessed

Register Status Remarks:

Thematic Nomination (MPDF):

National Historic Landmark:

SURVEY INFORMATION:

Survey 1

Survey Project Name: Kansas - KDOT/Historic Bridge Inventory - Marsh (Rainbow) Arch Bridges (1980s)

Sequence Number: 06-TA-01

Surveyed By:

Survey Date: 10/16/1980

IMAGES & DOCUMENTS



Little Osage Creek Marsh Arch Bridge. Looking S. 10/16/1980.



Little Osage Creek Marsh Arch Bridge. Looking NW. 10/16/1980.



Little Osage Creek Marsh Arch Bridge. South span, looking W. 10/16/1980.



Little Osage Creek Marsh Arch Bridge. North bank from south bank east of bridge. 10/16/1980.



Little Osage Creek Marsh Arch Bridge. Looking SW to south abutment. 10/16/1980.

Little Osage Creek Marsh Arch Bridge. Looking SSE from bridge. 10/16/1980.



Little Osage Creek Marsh Arch Bridge. Looking SW. 10/16/1980.



Little Osage Creek Marsh Arch Bridge. Looking N. 10/16/1980.



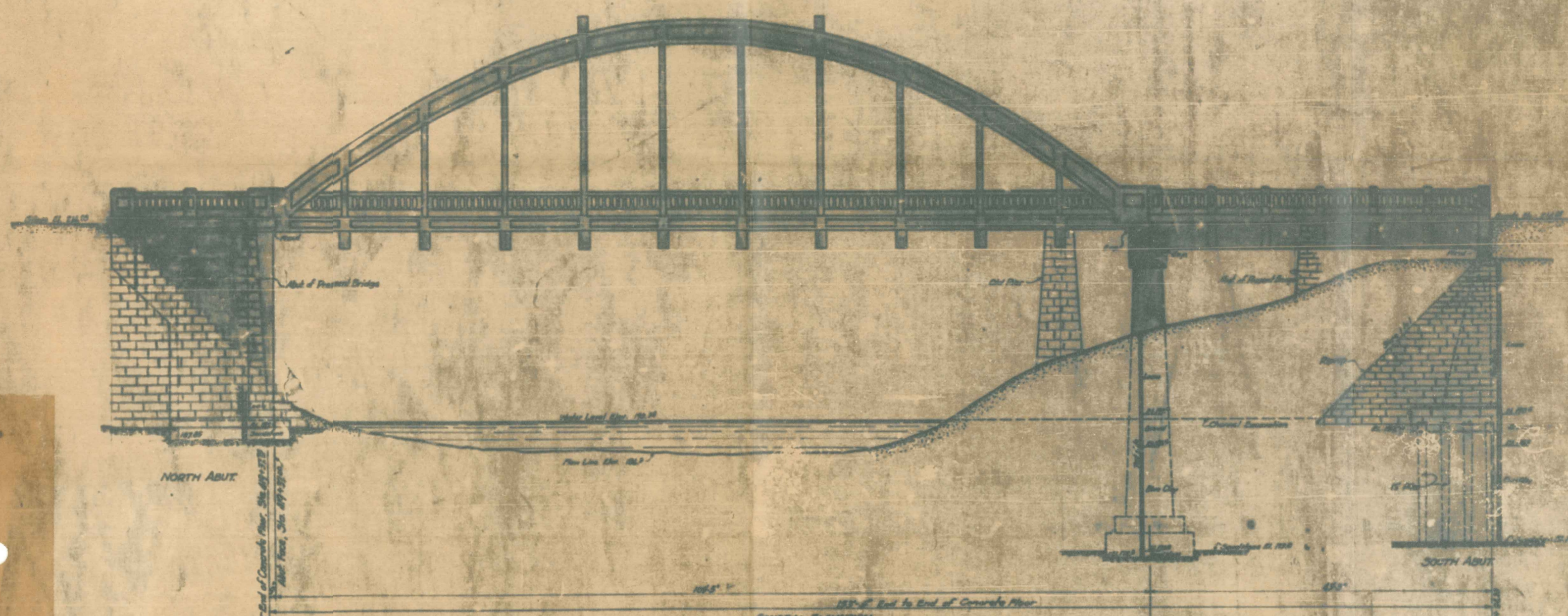
Little Osage Creek Marsh Arch Bridge. 1926 Marsh Company drawing of bridge. More on file with SHPO.

Page 45
Old bridge class A
1416 # B. Steel
5-1-28 T. Steel

Page 4
Chimney

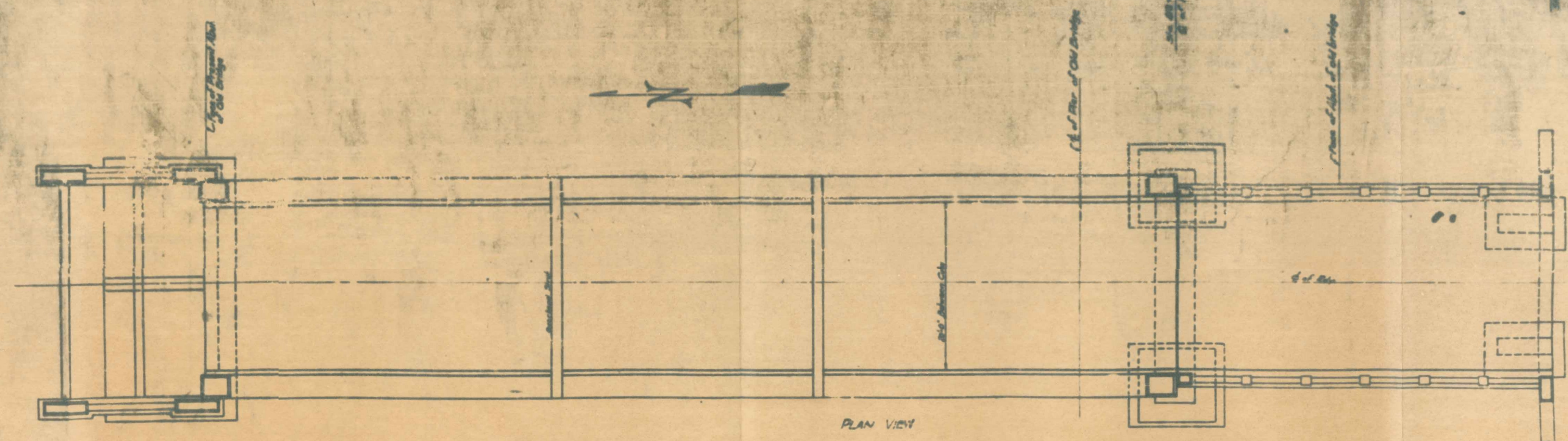
26 Cutt. Rock Foundation
12 Cutt. Stone Sill
27 Cutt. Stone Sill

NOTE: Present structure, consisting of 100 Pratt Truss with 30' Approach, to be removed by contractor.
Old foundations to be removed by Contractor to elevation determined by Engineer. Stone from these foundations may be used for rip rap.
County to build and maintain temporary crossing or provide a suitable detour.
Approach to bridge to be built by County before final payment is requested.
[Initials]



SUMMARY OF QUANTITIES

CONCRETE, CLASS A	528.1 cu. yds.
• • C	509 . .
• • D	18.9 . .
• • E	19.9 . .
BAR	55383 pounds
STRUCTURAL STEEL	58530 .
CASTINGS, STEEL	1278 .
• IRON	2632 .
EXCAVATION, DRY	866 cu. yds.
• WET	208 . .
• ROCK	47 . .
RIE RAP	167 . .
FOUNDATION PILES	384 lin. ft.
REMOVAL OF OLD STRUCTURE	



SKETCH FOR
110-FT. RAINBOW ARCH SPAN
WITH 40-FT. GIRDER APPROACH
OSAGE RIVER BRIDGE
F.A.R. No. 5-C STA. 318+61.25
BOURBON COUNTY, KANSAS.

Scale: 1/8" = 1'-0" May 1928

Designed by & Property of
Marsh Engineering Co.,
Des Moines, Iowa 6/29/28