

Structure Inventory and Appraisal

Bridge ID: JACKSON-129840 Official SR: 60.7 SD/FO: Structurally Deficient FHWA No.: 129840 Unofficial SR: 63.0 SD/FO: Not Deficient or Obsolete

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	IDENTIFICATION	<u> </u>		INSPECTION	
7 Facility Carried:	LOCAL	90 Inspection Date:	03/03/2016	Inspection Type:	N/A
5B Rte. Signing Prefix:	4	Next Routine Insp Oate:	03/03/2018	91 Frequency:	24
5C Level of Service:	1 - MAINLINE			Next Insp Type:	Regular
50 Inventory Route:	00000	Inspection Agency:	5 - Consultant	Inspection Group:	Crawford County
City:	RURAL	93A FC inspection Date:			
3 County:	024 - Crawford	92A FC Frequency:	0	Next FC Insp.:	NA
9 Location:	085370201	93B UW Inspection Date:			
5E Directional Suffix:	0 - NOT APPLICABLE	92B UW Frequency:	0	Next UW Insp.:	NA
6 Feature Intersected:	SMALL STREAM	93C St Date:			
2 District:	0	92C SI Frequency:	0	Next Spec. Insp.:	NA
Garage:	000	 Other Non-NBI Date:			
98 Border Bridge Code:		Other Non-NBI Freg.:		Next Other Insp.:	NA
% Responsibility:	0	<u> </u>		CONDITION	
99 Border Bridge No.:		58 Deck:	5 - Fair Condition (m	lnor section loss)	

١	re responsibility.	CONDITION		
Į	99 Border Bridge No.:	58 Deck:	5 - Fair Condition (minor section loss)	
1	STRUCTURE TYPE AND MATERIALS	59 Super:	6 - Salisfactory Condition (minor deterioration)	
	43A Main Span 3 - Steel	60 Sub:	5 - Fair Condition (minor section loss)	
	43B Main Span Design: 02 - Stringer/Multi-beam or Girder	61 Channel/Channel Prot.:	4 - Protect, serverely undermined., sev. damage	
	45 No. Spans Main Unit: 1	62 Culvert:	N - Not Applicable	
١	44A Appr. Span 000 - NA	>		
44B Appr. Span Design: 000 - NA		67 Str. Evaluation:	APPRAISAL 5 - Somewhat better than minimum adequacy	
١	46 No. of Apor. Spans: Near 0 Far 0	68 Deck Geometra	7 - Roller than present minimum criteria	

7 - Better than present minimum criteria

107 Deck Type:	1 - Concrete Cast-in-Place	69 Underclear Vert & Horiz: N - Not applicable		
108A Wearing Surface:	8 - Gravel	71 Waterway Adequacy:	5 - Occasional Flooding - Significant Delays	
108B Membrane;	0 - None	72 Approach Alignment:	8 - Equal to present desirable criteria	
108C Deck Protection:	0 - None	36A Bridge Rail:	0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED.	
48 Length Max Span:	GEOMETRIC DATA 32 ft.	36B Transition:	0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED	
		26C Appropriate Politic	AL DOES NOT MEET OURRENT SACETY STANDARDS OR IS NOT THERE AND IS NOTICED.	

68 Deck Geometry:

EDED 49 Structure Length: 33 fL 36D Approach Reil Ends: 0- DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED 34 Skew: 113 Scour Critical: 8 - Stable - Excellent Condition Deck Area: 528.0 sq. ft. LOAD RATING AND POSTING

50B Curb/Sdwk Width R: Oft. 31 Design Load: 0 - Unknown 50A Curb/Sdwk Width L: 2 - Allowable Stress (AS) reported in english tons using HS-20 loading. O fL 63 Rating Method: 36.0 Tons 64 Operating Rating: 51 Width Curb to Curb: 15.6 ft. 65 Rating Method: 2 - Allowable Stress (AS) reported in english tons using HS-20 loading. 52 Width Out to Out: 16.0 ft. 66 Inventory Rating: 27.0 Tons 32 Appr. Roadway width: 26 ft. 70 Posting: 5 - Equal to or above legal loads 41 Posting Status: (w/ Shoulders) A - Open

AGE AND SERVICE 33 Median: 0 - No median 1965 27 Year Bull: Design No.: 35 Structure Flared: 00 - No flare 106 Year Reconstructed: 0 10 Vertical Clearance: 99'99" 42A Type of Service on: 1 - Highway 47 Horiz, Clearance: 15'11" 42B Type of Service Under: 5 - Waterway 28A Lanes on: 28B Lanes under: 0 29 ADT: 50 30 Year of ADT: 2012

63 Min, Vert. Clearance Over: 99'99" 54B Min. Vert. Underdearance: 00'00" 55 Min. Lat. Underchearance R: 00'00" 109 Truck ADT: Speed Limit: 56 Min. Lat, Underdearance L: 00'00" 19 Detour Length: 4 ml. NAVIGATION DATA 38 Navigation Control: CLASSIFICATION 0 - No navigation control on waterway (bridge permit not required) 112 NBIŞ Length:

111 Pier Protection: 26 Functional Class: 09 - Rural - Local 39 Vertical Clearance: 00'00" 100 STRAHNET: 0 - Noi a defense highway 40 Horiz, Clearance: 101 Parallel Structure: N - No parallel structure 102 Direction of Traffic: 3 - One lane bridge for 2-way traffic 22 Owner: 02 - County Highway Agency 16 Latilude: 42.21061566 17 Longitude: -95.11953365 21 Custodian: 02 - County Highway Agency 37 Historical Significance: 3 - May be eligible for National Register

FRA No. (if RR Bridge): 75A Type of Work Proposed: 35 - Rehabilitation - Deterioration Mile Post: 75B Work Done by: 2 - Work to be done by owner's forces



Structure Inventory and Appraisal

Bridge ID: JACKSON-129840 Official SR: 60.7 SD/FO: Structurally Deficient
FHWA No.: 129840 Unofficial SR: 61.0 SD/FO: Structurally Deficient

7 Facility Carried: LOCAL

5C Level of Service: 1 - MAINLINE

5B Rte. Signing Prefix: 4

5D Inventory Route: 00000
City: RURAL

3 County: 024 - Crawford 9 Location: 085370201

5E Directional Suffix: 0 - NOT APPLICABLE 6 Feature Intersected: SMALL STREAM

 2 District:
 0

 Garage:
 000

 98 Border Bridge Code:
 **

 % Responsibility:
 0

99 Border Bridge No.:

STRUCTURE TYPE AND MATERIALS

43A Main Span 3 - Steel

43B Main Span Design: 02 - Stringer/Multi-beam or Girder

45 No. Spans Main Unit: 1
44A Appr. Span 000 - NA
44B Appr. Span Design: 000 - NA

46 No. of Appr. Spans: Near 0 Far 0

107 Deck Type: 1 - Concrete Cast-in-Place

108A Wearing Surface: 8 - Gravel108B Membrane: 0 - None108C Deck Protection: 0 - None

GEOMETRIC DATA

48 Length Max Span: 32 ft.
49 Structure Length: 33 ft.
34 Skew: 30°
Deck Area: 528.0 sq. ft.

 50B Curb/Sdwk Width R:
 0 ft.

 50A Curb/Sdwk Width L:
 0 ft.

 51 Width Curb to Curb:
 15.6 ft.

 52 Width Out to Out:
 16.0 ft.

 32 Appr. Roadway width:
 26 ft.

(w/ Shoulders)

33 Median: 0 - No median
35 Structure Flared: 00 - No flare
10 Vertical Clearance: 99'99"
47 Horiz. Clearance: 15'11"
53 Min. Vert. Clearance Over: 99'99"
54B Min. Vert. Underclearance: 00'00"
55 Min. Lat. Underclearance R: 00'00"

NAVIGATION DATA

0 - No navigation control on waterway (bridge permit not required)

111 Pier Protection:

38 Navigation Control:

39 Vertical Clearance: 00'00" 40 Horiz. Clearance: 000'00"

56 Min. Lat. Underclearance L: 00'00"

16 Latitude: 42.21061566 17 Longitude: -95.11953365

FRA No. (if RR Bridge):

Mile Post:

INSPECTION
pspection Date: 03/10/2014 Inspec

 90 Inspection Date:
 03/10/2014
 Inspection Type:
 N/A

 Next Routine Insp Date:
 03/10/2016
 91 Frequency:
 24

Next Insp Type: Regular

Inspection Agency: 5 - Consultant Inspection Group: Crawford County

93A FC Inspection Date:

92A FC Frequency: 0 Next FC Insp.: NA

93B UW Inspection Date:

92B UW Frequency: 0 Next UW Insp.: NA

93C SI Date:

92C SI Frequency: 0 Next Spec. Insp.: NA

Other Non-NBI Date:

Other Non-NBI Freq.: Next Other Insp.: NA

CONDITION

58 Deck: 4 - Poor Condition (advanced deterioration)
 59 Super: 6 - Satisfactory Condition (minor deterioration)

60 Sub: 5 - Fair Condition (minor section loss)
61 Channel/Channel Prot.: 5 - Bank eroded.. major damage

62 Culvert: N - Not Applicable

APPRAISAL

67 Str. Evaluation: 5 - Somewhat better than minimum adequacy
68 Deck Geometry: 7 - Better than present minimum criteria

69 Underclear Vert & Horiz: N - Not applicable

71 Waterway Adequacy: 5 - Occasional Flooding - Significant Delays
72 Approach Alignment: 8 - Equal to present desirable criteria

36A Bridge Rail: 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED.
36B Transition: 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED
36C Approach Rail: 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED
36D Approach Rail Ends: 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED

113 Scour Critical: 8 - Stable - Excellent Condition

LOAD RATING AND POSTING

31 Design Load: 0 - Unknown

63 Rating Method: 2 - Allowable Stress (AS) reported in english tons using HS-20 loading.

64 Operating Rating: 36.0 Tons

65 Rating Method: 2 - Allowable Stress (AS) reported in english tons using HS-20 loading.

66 Inventory Rating: 27.0 Tons

70 Posting: 5 - Equal to or above legal loads

41 Posting Status: A - Open

AGE AND SERVICE

27 Year Built: 1965 Design No.: 0

106 Year Reconstructed: 042A Type of Service on: 1 - Highway42B Type of Service Under: 5 - Waterway

 28A Lanes on:
 1
 28B Lanes under:
 0

 29 ADT:
 50
 30 Year of ADT:
 2012

 109 Truck ADT:
 0 %
 Speed Limit:
 55

19 Detour Length: 4 mi.

CLASSIFICATION

112 NBIS Length: Y

 26 Functional Class:
 09 - Rural - Local

 100 STRAHNET:
 0 - Not a defense highway

 101 Parallel Structure:
 N - No parallel structure

102 Direction of Traffic: 3 - One lane bridge for 2-way traffic
22 Owner: 02 - County Highway Agency
21 Custodian: 02 - County Highway Agency

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37 Historical Significance: 3 - May be eligible for National Register
75A Type of Work Proposed: 35 - Rehabilitation - Deterioration

75B Work Done by: 2 - Work to be done by owner's forces