

Bridge ID: GOO	IDDICH_120001		Official		SR: 86.1	SD/EO: No	t Deficient or Obsolete
•		l					
FHWA No.: 1290	91		Unofficia	31 	SR; 88.1	SD/FO: No	t Deficient or Obsolete
~	IDENTIFICATION	Υ				ISPECTION	
7 Facility Carried:	LOCAL	1 '	ection Date:	03/30		Inspection Type:	N/A
5B Rte. Signing Prefix:	4 Malakana	Next R	outine Insp Date:	: 03/30	2018	91 Frequency:	24
5C Level of Service:	1 - MAINLINE					Next Insp Type:	Regular
5D Inventory Route:	00000		ion Agency.		nsultant	Inspection Group:	Crawford County
City:	RURAL		Inspection Date				
3 County:	024 - Crawford	92A F0	Frequency:	0		Next FC Insp.:	NA
9 Location:	084391601	93B UV	V Inspection Dat	te:			
5E Directional Suffix:	0 - NOT APPLICABLE	928 UV	V Frequency:	0		Next UW insp.:	NA
6 Feature Intersected:	BUFFALO CREEK	93C SI	Date:				
2 District:	0	92 C S I	Frequency:	0		Next Spec, Insp.:	NA
Garage:	000	Other N	Ion-NBI Date:				
98 Border Bridge Code:		Other N	lon-NB Freq.:			Next Other Insp.:	NA
% Responsibility:	D					CONDITION	
99 Border Bridge No.:		58 Ded	e e	7-0	lood Condition (son	ne minor problems)	
STRU	CTURE TYPE AND MATERIALS	-√ 59 Supe	er:	7 - 0	local Condition (son	ne minor problems)	
43A Main Span	3 - Steel	60 Sub:		6.5	atlsfactory Conditto	n (minor deterioration)	
43B Main Span Design:	02 - Stringer/Multi-beam or Girder	61 Char	nel/Channel Pro	ot.: 6-B	ank slumo, widespr	read minor damage	
45 No. Spans Main Unit:	: 2	62 Culv					
44A Appr. Span	000 - NA			14 - 15	lot Applicable		
44B Appr, Span Design:	000 - NA	67.64	T			APPRAISAL	
46 No. of Appr. Spans:		1	Evaluation:		iqual to present min		
107 Deck Type:	8 - Wood or Timber	1	Geometry:		iqual to present min	umum criteria	
108A Wearing Surface:		1	erclear Vert & Ho		• •		
108B Membrane:	0 - None	1	arway Adequacy		ocasional Overtopi	ping of Approaches	
108C Deck Protection:		72 Appr	oach Alignment:		qual to present mir		
- TOOC DECK PTOLECTION.		<dd>36A Brit</dd>	dge Rail:	0-D	OES NOT MEET CUA	RRENT SAFETY STANDARDS	S, OR IS NOT THERE AND IS NEEDE
48 Length Max Span:	GEOMETRIC DATA 26 ft.	36B Tra	insition:	D - D	DES NOT MEET CUP	RENT SAFETY STANDARDS	OR IS NOT THERE AND IS NEEDED
49 Structure Length:	52 ft.	36C Ap	proach Rail:	0-D	DES NOT MEET CUP	RRENT SAFETY STANDARDS,	OR IS NOT THERE AND IS NEEDED
34 Skew:	0°	36D Ap	proach Rail Ends	s: 0-D	DES NOT MEET CU	RRENT SAFETY STANDARDS	S, OR IS NOT THERE AND IS NEEDS
Deck Area:	_	113 Sc	our Critical:	3-5	cour Critical - Unst	able	
50B Curb/Sdwk Width R	1248.0 sq. ft.	-				TING AND POSTING	
			_	0 - Unkno			110 mm 1
50A Curb/Sdwk Width L				2 - Allows 32.3 Tons		orted in english tons using	HS-20 loading.
51 Width Curb to Curb:	24.0 ft.					orted in english tons using	HS-20 loading.
52 Width Out to Out:	24.0 ft.	66 Inve	ntory Rating: :	25.7 Tons	1		•
32 Appr. Roadway width	: 26 N.	70 Post	_		to or above legal to	ads .	
(w/ Shoulders)		41 Post	ing Status:	A - Open			
33 Median:	0 - No median	27 Yes	· Pulle	1991		AND SERVICE Design No.:	0
35 Structure Flared:	00 - No flare	ŀ	ar Reconstructed			Design (40	o .
10 Vertical Clearance:	99'99"	1					
47 Horlz, Clearance:	24'00"		pe of Service on:		lighway		
53 Min. Vert. Clearance	Over: 99'99"	- I - ''	pe of Service Un		Yaterway		
54B Min. Vert. Underde	arance: 00'00"	28A Lar		2		28B Lanes under;	0
55 Min. Lat. Underdeera	ance R: 00'00"	29 ADT		15		30 Year of ADT:	2012
56 Min. Lat. Underclears	ance L: 00'00"	109 Tr.	ick ADT:	0 %		Speed Limit:	55
	NAVIGATION DATA	-√ 19 Delo	our Langth:	4 mi			
38 Navigation Control:					CL	ASSIFICATION	·····
	introl on waterway (bridge permit not required)	1	IS Length:	Y			
111 Pler Protection:	00,000		ctional Class:		- Rural - Local		
39 Vertical Clearance:	00'00"		RAHNET:		Not a defense high	-	
40 Horiz, Clearance:	000'60"		allel Structure: ection of Traffic:		- No parallel structu - 2-upu traffia	lie	
		22 Own			2-way traffic	Agency	
16 Latitude: 42.094628	28 17 Longitude: -95,39551671	22 OWN			- County Highway - County Highway		
		<	rical Significance		Not eligible	rigoroy	
		1 21 111800	www.oigmitteidet	J. J.	THE ENGINEE		
FRA No. (if RR Bridge);		75A Tvt	e of Work Propo	osed: 31	- Replacement - Li	oad/Geometry	



Structure Inventory and Appraisal

Bridge ID: GOODRICH-129091 Official SR: 86.1 SD/FO: Not Deficient or Obsolete
FHWA No.: 129091 Unofficial SR: 86.1 SD/FO: Not Deficient or Obsolete

9 Location: 084391601 5E Directional Suffix: 0 - NOT APPLICABLE

 2 District:
 0

 Garage:
 000

 98 Border Bridge Code:
 *

 % Responsibility:
 0

6 Feature Intersected:

99 Border Bridge No.:

STRUCTURE TYPE AND MATERIALS

BUFFALO CREEK

43A Main Span 3 - Steel

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

45 No. Spans Main Unit: 2 44A Appr. Span 000 - NA 44B Appr. Span Design: 000 - NA

46 No. of Appr. Spans: Near 0 Far

107 Deck Type: 8 - Wood or Timber

108A Wearing Surface: 9 - Other108B Membrane: 0 - None108C Deck Protection: 0 - None

GEOMETRIC DATA

1248.0 sq. ft.

 48 Length Max Span:
 26 ft.

 49 Structure Length:
 52 ft.

 34 Skew:
 0°

 50B Curb/Sdwk Width R:
 0 ft.

 50A Curb/Sdwk Width L:
 0 ft.

 51 Width Curb to Curb:
 24.0 ft.

 52 Width Out to Out:
 24.0 ft.

 32 Appr. Roadway width:
 26 ft.

(w/ Shoulders)

Deck Area:

33 Median: 0 - No median
35 Structure Flared: 00 - No flare
10 Vertical Clearance: 99'99"
47 Horiz. Clearance: 24'00"
53 Min. Vert. Clearance Over: 99'99"
54B Min. Vert. Underclearance: 00'00"
55 Min. Lat. Underclearance R: 00'00"
56 Min. Lat. Underclearance L: 00'00"

NAVIGATION DATA

38 Navigation Control:

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

111 Pier Protection:

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

FRA No. (if RR Bridge):

Mile Post:

INSPECTION
90 Inspection Date: 04/21/2014 Inspec

 90 Inspection Date:
 04/21/2014
 Inspection Type:
 N/A

 Next Routine Insp Date:
 04/21/2016
 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:

0

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

Other Non-NBI Date:

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

CONDITION

58 Deck: 7 - Good Condition (some minor problems)
59 Super: 7 - Good Condition (some minor problems)
60 Sub: 7 - Good Condition (some minor problems)
61 Channel/Channel Prot.: 6 - Bank slump. widespread minor damage

62 Culvert: N - Not Applicable

APPRAISAL

67 Str. Evaluation: 6 - Equal to present minimum criteria
68 Deck Geometry: 6 - Equal to present minimum criteria

69 Underclear Vert & Horiz: N - Not applicable

71 Waterway Adequacy: 6 - Occasional Overtopping of Approaches

72 Approach Alignment: 4 - Meets minimum tolerable limits

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: 3 - Scour Critical - Unstable

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: 32.3 Tons

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

66 Inventory Rating: 25.7 Tons

70 Posting: 5 - Equal to or above legal loads

41 Posting Status: A - Open

AGE AND SERVICE

0

27 Year Built: 1991 Design No.:

106 Year Reconstructed: 200242A Type of Service on: 1 - Highway42B Type of Service Under: 5 - Waterway

 28A Lanes on:
 2
 28B Lanes under:
 0

 29 ADT:
 15
 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: 2 - 2-way traffic

22 Owner: 02 - County Highway Agency 21 Custodian: 02 - County Highway Agency

37 Historical Significance: 5 - Not eligible

75A Type of Work Proposed: 31 - Replacement - Load/Geometry
75B Work Done by: 2 - Work to be done by owner's forces

	Crawford Coun	ty Day Labor Bridge C	Construction
	Prepared By: Ross Many 17	erry Lasty Date: 16	0-25,02
:	Township: Coodisch	Section: 9-16	E911 Rd. I Ave
	FHWA No.: /2909/	Date Reconstructed:	
	Describe Work: Brdee Re	Muemant	
		·	
	Bridge Length: 5Z	Bridge Width:	Ореп Depth:
	Beam Info:	Deck Info	Diaphragm Info.
	Beam Type: W S	Deck Type: Wood Plank	# Bolts per Angle:
	Beam Spacing: 30½ C-C	Top: 3"X 16" Longitudinal	Bolt Size: 34
	Beam Depth: 16"	Bottom: 4" Transverse	Diaphragm Length: 30/2×12
	Flange: 7" 7"	Spacing on Bottom: 28" C-C	Diaphragm Size: C/とxzo.7
	Web Thickness: 4	All there is a second of the second	
• •	Deck X-secton With Beam Spacing		
s' -	X-section With Diaphragm Spacing		
	2		
	Substructure Comments:	1	
	7 (1)	of 26' each	
	Comments: L. Sillen's	OI TOLO CHEET	
		_	

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