

Structure	Invento	rv and	Appraisal

Bridge ID: GOODRICH-128990	Official	SR: 19	SD/FO: Structurally Deficient
FHWA No.: 128990	Unofficial	SR: 19.0	SD/FO: Structurally Deficient

FHWA No.: 128990		Unofficial SR: 19.0		SD/FO: Structurally Deficient		
IDENTIFICATION	$\overline{}$			NSPECTION		
7 Facility Carried: LOCAL LEGNO	90-1	Inspection Date:	06/14/2018	Inspection Type:	N/A	
5B Rte. Signing Prefix: 4	Ne	d Routine Insp Date:	08/14/2017	91 Frequency:	12	
5C Level of Service: 1 - MAINLINE				Next Insp Type:	In-Depth	
5D Inventory Route: 00000	Insp	ection Agency:	5 - Consultant	Inspection Group:	Calhoun-Burns & Associates, Inc	
City: RURAL	93,4	FC Inspection Date:	06/14/2016			
3 County: 024 - Crawford	92 A	AFC Frequency:	24	Next FC Insp.:	06/14/2018	
9 Location: 084390103	93E	BUW Inspection Date:				
5E Directional Suffix: 0 - NOT APPLICABLE	92E	3 UW Frequency:	0	Next UW Insp.:	NA	
6 Feature Intersected; OTTER CREEK	930	CSI Date:				
2 District: 0	920	SI Frequency:	0	Next Spec. Insp.;	NA	
Garage: 000	Oth	er Non-NBI Date:				
98 Border Bridge Code:		er Non-NBI Freq.:		Next Other Insp.:	NA	
% Responsibility: 0	\ <u>\</u>			CONDITION		
99 Border Bridge No.:	58 0	Deck:	5 - Fair Condition (mind			
STRUCTURE TYPE AND MATERIALS	—√(59 £	Buper:	4 - Poor Condition (adv	anced deterioration)		
43A Main Span 3 - Steel	60 S	Sub:	3 - Serious Condition (p	orimary structure affected)		
43B Main Span Design: 10 - Truss Thru	61 0	Channel/Channel Prot.	: 6 - Bank slump, widesp	,		
45 No. Spans Main Unit: 1		Culvert:				
44A Appr. Span 000 - NA	\\\\	onvent:	N - Not Applicable			
44B Appr. Span Design: 000 - NA	67.6	APPRAISAL				
46 No. of Appr. Spans: Near 0 Far 0		67 Str. Evaluation: 2 - Intolerable - high priority of replacement				
197 Deck Type: 8 - Wood or Timber		68 Deck Geometry: 7 - Better than present minimum criteria				
108A Wearing Surface: 7 - Wood or Timber		69 Underdear Vert & Horiz: N - Not applicable				
108B Membrane: 0 - None		71 Waterway Adequacy: 4 - Occasional Flooding - Significant Delays				
108C Deck Protection: 0 - None		72 Approach Alignment: 3 - Intolerable - high priority of corrective action 36A Bridge Rail: 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED.				
GEOMETRIC DATA	- ≺l	Transition:				
48 Length Max Span: 70 ft.					OR IS NOT THERE AND IS NEEDED	
49 Structure Length: 71 ft.		Approach Rail:			, OR IS NOT THERE AND IS NEEDED	
34 Skew: 0°		Approach Rail Ends:			S, OR IS NOT THERE AND IS NEEDED	
Deck Area: 1100.5 sq. ft.	113	Scour Critical:	8 - Stable - Excellent C			
50B Curb/Sdwk Width R: 0 ft.	31 [Design Load: 0 -	LOAD RA - Unknown	TING AND POSTING		
50A Curb/Sdwk Width L: 0 ft.		*		oorted in english tons using	HS-20 loading.	
51 Width Curb to Curb: 15.5 ft.		Operating Rating: 04	l.O Tons		•	
52 Width Out to Out: 15.5 ft.				ported in english tons using	HS-20 loading.	
32 Appr. Roadway width: 18 ft.			I.O Tons Mare than 39.9% below legal (nade		
(w/ Shoulders)		*	- Posted for Load			
33 Median: 0 - No median	~	-	AGE	AND SERVICE		
35 Structure Flared: 00 - No flare	27 \	rear Built:	1946	Design No.:	0	
10 Vertical Clearance: 99'99"	106	Year Reconstructed:	0000			
47 Horiz, Clearence: 15'06"	42A	Type of Service on:	1 - Highway			
53 Min. Verl. Clearance Over: 99'99"	428	Type of Service Unde	er: 5 - Waterway			
549 Min, Vert, Underclearance: 00'00"	28A	Lanes on:	1	28B Lanes under:	0	
55 Min. Lat. Underclearance R: 00'00"	29 /	ADT:	0	30 Year of ADT:	0000	
AS WHILE THE ALIMPHANTANCE IN AN AA	100	Truck ADT	0.00	Canad Cart		

	56 Min. Lat. Underclearance L: 00'00"		
1	NAVIGATION DATA		
	38 Navigation Control:		
	 0 - No navigation control on waterway (bridge permit not required). 		

39 Vertical Clearance: 00'00" 40 Horlz Clearance: 000'00"

18 Latitude: 42.12465838 17 Longitude: -95.32911636

FRA No. (if RR Bridge): Mile Post:

111 Pier Protection:

CLASSIFICATION

0 %

99 mi.

112 NBIS Length: 26 Functional Class: 100 STRAHNET: 101 Parallel Structure:

102 Direction of Traffic:

22 Owner:

109 Truck ADT:

19 Detour Length:

Not a defense highway
 N - No parallel structure
 - One lane bridge for 2-way traffic

09 - Rural - Local

21 Custodian: 37 Historical Significance: 75A Type of Work Proposed:

02 - County Highway Agency
02 - County Highway Agency
3 - May be eligible for National Register

Speed Limit:

75A Type of Work Proposed: 31 - Replacement - Load/Geometry
75B Work Done by: 1 - Work to be done by contract



Structure Inventory and Appraisal

Bridge ID: GOODRICH-128990 Official SR: 19.0 SD/FO: Structurally Deficient FHWA No.: 128990 Unofficial SR: 19.0 SD/FO: Structurally Deficient

IDENTIFICATION 7 Facility Carried: LOCAL LEGNO

00000

5B Rte. Signing Prefix:

5D Inventory Route:

1 - MAINLINE 5C Level of Service:

City: RURAL 3 County: 024 - Crawford

084390103 9 Location:

0 - NOT APPLICABLE 5E Directional Suffix: 6 Feature Intersected: OTTER CREEK

2 District: 0 Garage: 000 98 Border Bridge Code: % Responsibility:

STRUCTURE TYPE AND MATERIALS

Far

0

43A Main Span 3 - Steel 43B Main Span Design: 10 - Truss Thru

45 No. Spans Main Unit: 1

99 Border Bridge No.:

44A Appr. Span 000 - NA 44B Appr. Span Design: 000 - NA

46 No. of Appr. Spans: Near

107 Deck Type: 8 - Wood or Timber 108A Wearing Surface: 7 - Wood or Timber

108B Membrane: 0 - None 108C Deck Protection: 0 - None

GEOMETRIC DATA

48 Length Max Span: 70 ft 71 ft 49 Structure Length: 34 Skew:

Deck Area: 1100.5 sq. ft.

50B Curb/Sdwk Width R: Oft. 50A Curb/Sdwk Width L: 0 ft. 51 Width Curb to Curb: 52 Width Out to Out: 15.5 ft. 32 Appr. Roadway width: 18 ft.

(w/ Shoulders)

33 Median: 0 - No median 35 Structure Flared: 00 - No flare 10 Vertical Clearance: 99'99' 47 Horiz. Clearance: 15'06' 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

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

111 Pier Protection:

38 Navigation Control:

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

16 Latitude: 42.12465838 17 Longitude: -95.32911636

FRA No. (if RR Bridge):

Mile Post:

INSPECTION 90 Inspection Date: 05/07/2014

Inspection Type: N/A 05/07/2016 Next Routine Insp Date: 91 Frequency:

> Next Insp Type: In-Depth

Inspection Agency: 5 - Consultant Inspection Group: Calhoun-Burns & Associates, Inc.

93A FC Inspection Date: 05/07/2014

92A FC Frequency: Next FC Insp.: 05/07/2016

93B UW Inspection Date:

92B UW Frequency: Next UW Insp.: NA

93C SI Date:

92C SI Frequency: Next Spec. Insp.: NΑ

Other Non-NBI Date:

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

CONDITION

58 Deck: 5 - Fair Condition (minor section loss) 59 Super: 4 - Poor Condition (advanced deterioration) 4 - Poor Condition (advanced deterioration) 61 Channel/Channel Prot.: 6 - Bank slump. widespread minor damage

62 Culvert N - Not Applicable

APPRAISAL

67 Str. Evaluation: 2 - Intolerable - high priority of replacement 68 Deck Geometry: 7 - Better than present minimum criteria

69 Underclear Vert & Horiz: N - Not applicable

71 Waterway Adequacy: 4 - Occasional Flooding - Significant Delays 72 Approach Alignment: 3 - Intolerable - high priority of corrective action

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:

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

66 Inventory Rating:

0 - More than 39.9% below legal loads 70 Postina:

41 Posting Status: P - Posted for Load

AGE AND SERVICE

1946 0 27 Year Built: Design No.:

106 Year Reconstructed: 0 42A Type of Service on: 1 - Highway 42B Type of Service Under: 5 - Waterway

28A Lanes on: 1 28B Lanes under: 29 ADT: 30 Year of ADT: 0000 109 Truck ADT:

19 Detour Length: 99 mi.

CLASSIFICATION

Speed Limit:

0

112 NBIS Length:

26 Functional Class: 09 - Rural - Local 100 STRAHNET: 0 - Not a defense highway 101 Parallel Structure: N - No parallel structure

0 %

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

21 Custodian: 02 - County Highway Agency 37 Historical Significance: 3 - May be eligible for National Register 75A Type of Work Proposed: 31 - Replacement - Load/Geometry

75B Work Done by: 1 - Work to be done by contract