



Structure Inventory and Appraisal

Bridge ID: GOODRICH-129120 FHWA No.: 129120		Official SR: 47.2 Unofficial SR: 49.3	SD/FO: Not Deficient or Obsolete SD/FO: Functionally Obsolete
IDENTIFICATION 7 Facility Carried: LOCAL 5B Rte. Signing Prefix: 4 5C Level of Service: 1 - MAINLINE 5D Inventory Route: 00000 City: RURAL 3 County: 024 - Crawford 9 Location: 084392101 5E Directional Suffix: 0 - NOT APPLICABLE 6 Feature Intersected: BUFFALO CREEK 2 District: 0 Garage: 000 98 Border Bridge Code: % Responsibility: 0 99 Border Bridge No.:		INSPECTION 90 Inspection Date: 03/30/2016 Next Routine Insp Date: 03/30/2018 Inspection Agency: 5 - Consultant 93A FC Inspection Date: 92A FC Frequency: 0 93B UW Inspection Date: 92B UW Frequency: 0 93C SI Date: 92C SI Frequency: 0 Other Non-NBI Date: Other Non-NBI Freq.:	
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: 8 - Wood or Timber 108A Wearing Surface: 9 - Other 108B Membrane: 0 - None 108C Deck Protection: 0 - None		CONDITION 58 Deck: 6 - Satisfactory Condition (minor 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	
GEOMETRIC DATA 48 Length Max Span: 37 ft. 49 Structure Length: 38 ft. 34 Skew: 0° Deck Area: 798.0 sq. ft. 50B Curb/Sdvw Width R: 0 ft. 50A Curb/Sdvw Width L: 0 ft. 51 Width Curb to Curb: 21.0 ft. 52 Width Out to Out: 21.0 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: 21'00" 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"		APPRAISAL 67 Str. Evaluation: 3 - Intolerable - high priority of corrective action 68 Deck Geometry: 5 - Somewhat better than minimum adequacy 69 Underclear Vert & Horiz: N - Not applicable 71 Waterway Adequacy: 5 - Occasional Flooding - Significant Delays 72 Approach Alignment: 7 - Better than present minimum 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	
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"		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: 17.5 Tons 65 Rating Method: 2 - Allowable Stress (AS) reported in english tons using HS-20 loading. 66 Inventory Rating: 10.9 Tons 70 Posting: 0 - More than 99.9% below legal loads 41 Posting Status: P - Posted for Load	
16 Latitude: 42.08020387 17 Longitude: -95.38997141		AGE AND SERVICE 27 Year Built: 1962 108 Year Reconstructed: 0 42A Type of Service on: 1 - Highway 42B 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: 13 % Speed Limit: 55 19 Detour Length: 5 mi.	
FRA No. (if RR Bridge): Mile Post:		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: 3 - May be eligible for National Register 75A Type of Work Proposed: 75B Work Done by:	



Structure Inventory and Appraisal

Bridge ID: GOODRICH-129120

FHWA No.: 129120

Official

SR: 47.2

SD/FO: Not Deficient or Obsolete

Unofficial

SR: 39.0

SD/FO: Structurally Deficient

IDENTIFICATION

7 Facility Carried: LOCAL
 5B Rte. Signing Prefix: 4
 5C Level of Service: 1 - MAINLINE
 5D Inventory Route: 00000
 City: RURAL
 3 County: 024 - Crawford
 9 Location: 084392101
 5E Directional Suffix: 0 - NOT APPLICABLE
 6 Feature Intersected: BUFFALO CREEK
 2 District: 0
 Garage: 000
 98 Border Bridge Code:
 % Responsibility: 0
 99 Border Bridge No.:

INSPECTION

90 Inspection Date: 04/21/2014
Next Routine Insp Date: 04/21/2016
 Inspection Agency: 5 - Consultant
 93A FC Inspection Date:
 92A FC Frequency: 0
 93B UW Inspection Date:
 92B UW Frequency: 0
 93C SI Date:
 92C SI Frequency: 0
 Other Non-NBI Date:
 Other Non-NBI Freq.:

Inspection Type: N/A
 91 Frequency: 24
 Next Insp Type: Regular
 Inspection Group: Crawford County
 Next FC Insp.: NA
 Next UW Insp.: NA
 Next Spec. Insp.: NA
 Next Other Insp.: NA

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: 8 - Wood or Timber
 108A Wearing Surface: 9 - Other
 108B Membrane: 0 - None
 108C Deck Protection: 0 - None

CONDITION

58 Deck: 6 - Satisfactory Condition (minor deterioration)
 59 Super: 6 - Satisfactory Condition (minor deterioration)
 60 Sub: 4 - Poor Condition (advanced deterioration)
 61 Channel/Channel Prot.: 6 - Bank slump. widespread minor damage
 62 Culvert: N - Not Applicable

APPRAISAL

67 Str. Evaluation: 3 - Intolerable - high priority of corrective action
 68 Deck Geometry: 5 - Somewhat better than minimum adequacy
 69 Underclear Vert & Horiz: N - Not applicable
 71 Waterway Adequacy: 5 - Occasional Flooding - Significant Delays
 72 Approach Alignment: 6 - Equal to present minimum 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

GEOMETRIC DATA

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 49 Structure Length: 38 ft.
 34 Skew: 0°
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 52 Width Out to Out: 21.0 ft.
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 (w/ Shoulders)
 33 Median: 0 - No median
 35 Structure Flared: 00 - No flare
 10 Vertical Clearance: 99'99"
 47 Horiz. Clearance: 21'00"
 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"

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: 17.5 Tons
 65 Rating Method: 2 - Allowable Stress (AS) reported in english tons using HS-20 loading.
 66 Inventory Rating: 10.9 Tons
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 41 Posting Status: P - Posted for Load

AGE AND SERVICE

27 Year Built: 1962
 106 Year Reconstructed: 0
 42A Type of Service on: 1 - Highway
 42B 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: 13 %
 Speed Limit: 55
 19 Detour Length: 5 mi.

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"

CLASSIFICATION

112 NBIS Length: Y
 26 Functional Class: 09 - Rural - Local
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 101 Parallel Structure: N - No parallel structure
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 22 Owner: 02 - County Highway Agency
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