

Structure In	ventory :	and Ap	praisal
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Bridge ID: MILFORD-128740 Official SR: 56.1 SD/FO: Not Deficient or Obsolete
FHWA No.: 128740 Unofficial SR: 66.4 SD/FO: Functionally Obsolete

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	IDENTIFICATION	Ϋ́	INS	PECTION		
7 Feellity Carried:	LOCAL	90 Inspection Date:	04/01/2016	Inspection Type:	N/A	
5B Rte. Signing Prefix:	4	Next Routine Insp Date:	04/01/2018	91 Frequency:	24	
5C Level of Service:	1 - MAINLINE	<u> </u>		Next insp Type:	In-Depth	
5D 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:	084380804	93B UW Inspection Date:				
5E Directional Suffix:	0 - NOT APPLICABLE	92B UW Frequency:	0	Next UW Insp.:	NA	
6 Feature Intersected:	SMALL STREAM	93C SI Date:				
2 District:	0	92C SI Frequency:	D	Next Spec. Insp.:	NA	
Garage:	000	Other Non-NBI Date:				
98 Border Bridge Code:		Olher Non-NBI Freq.:		Next Other Insp.:	NA	
% Responsibility:	0	CONDITION				
99 Border Bridge No.:		56 Deck: 6 - Salisfactory Condition (minor deterioration)				
STRUCTURE TYPE AND MATERIALS		59 Super:	6 - Satisfactory Condition (minor deterioration)			

99 Border Bridge No.:

58 Deck: 6 - Satisfactory Condition (minor deterioration)

59 Super: 6 - Satisfactory Condition (minor deterioration)

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

45 No. Spans Main Unit: 1 62 Culvert: N - Not Applicable

44A Appr. Span Design: 000 - NA

APPRAISAL

47 Str. Evaluation: 5 - Somewhat better than minimum adequacy

448 Appr. Span Design: 000 - NA
46 No. of Appr. Spans: Near 0 Far 0
67 Str. Evaluation: 5 - Somewhat better than minimum adequacy
46 No. of Appr. Spans: Near 0 Far 0
68 Deck Geometry: 4 - Meets minimum tolerable limits
69 Underclear Vert & Horiz: N - Not applicable
71 Waterway Adequacy: 5 - Occasional Flooding - Significant Delays
72 Approach Alignment: 3 - Intolerable - high priority of corrective action
108C Deck Protection: 0 - None

36A Bridge Rail: 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED. GEOMETRIC DATA 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED 36B Transition: 48 Length Max Span: 24 ft. 36C Approach Rail: 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED 49 Structure Length: 25 ft. 36D Approach Rail Ends: 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED 34 Skew: 113 Scour Critical: 8 - Stable - Excellent Condition 502.5 sq. ft. Deck Area:

LOAD RATING AND POSTING 50B Curb/Sdwk Width R: 31 Design Load: 5 - HS 20 50A Curb/Sdwk Width L: 63 Rating Method: 2 - Allowable Stress (AS) reported in english tons using HS-20 loading. 64 Operating Rating: 34.0 Tons 51 Width Curb to Curb: 19.6 ft. 65 Rating Method: 2 - Allowable Stress (AS) reported in english tons using HS-20 loading. 52 Width Out to Out: 20.1 ft. 66 Inventory Rating: 20.0 Tons 26 ft. 32 Appr. Roadway width: 70 Posting: 5 - Equal to or above legal loads 41 Posting Status: (w/ Shoulders) A - Open

AGE AND SERVICE 33 Median: 0 - No median 27 Year Bullt: 1953 Design No.: 00 - No flare 35 Structure Flared: 0 106 Year Reconstructed: 10 Vertical Clearance: 99'99" 42A Type of Service on: 1 - Highway 47 Hodz, Clearance: 19'07" 42B Type of Service Under: 5 - Waterway 53 Min. Vert, Clearance Over: 99'99' 28A Lanes on: 2 28B Lanes under: Ù 54B Min, Vert. Underclearance; 00'00" 29 ADT: 40 30 Year of ADT: 2012 55 Min. Lat. Underdearance R: 00'00" 109 Truck ADT: 0 % Speed Limit: 55 56 Min. Lat. Underdearance L: 00'00"

NAVIGATION DATA

38 Navigation Control:

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

19 Detaur Length: 4 mi.

CLASSIFICATION

112 NRIS Length: 7

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

112 NBIS Length:

26 Functional Class:

99 - Rural - Local

99 Verifical Clearance:

00'00"

100 STRAHNET:

0 - Not a defense highway

101 Parallel Structure:

102 Direction of Traffic:

2 - 2-way traffic

16 Latitude: 42.10455797 17 Longitude: -95.30127083 22 Owner: 02 - County Highway Agency 21 Custodian: 02 - County Highway Agency 37 Historical Significance: 3 - May be eligible for National Regis

FRA No. (if RR Bridge):

75A Type of Work Proposed:

75B Work Done by:



Structure Inventory and Appraisal

Bridge ID: MILFORD-128740 Official SR: 56.1 SD/FO: Not Deficient or Obsolete FHWA No.: 128740 Unofficial SR: 58.4 SD/FO: Not Deficient or Obsolete

IDENTIFICATION 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 084380804 9 Location:

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

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

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

GEOMETRIC DATA

48 Length Max Span: 24 ft 25 ft 49 Structure Length: 34 Skew: Deck Area: 502.5 sq. ft.

50B Curb/Sdwk Width R: Oft. 50A Curb/Sdwk Width L: 0 ft. 51 Width Curb to Curb: 20.1 ft. 52 Width Out to Out: 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: 19'07' 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: 42.10455797 17 Longitude: -95.30127063

FRA No. (if RR Bridge):

Mile Post:

INSPECTION 90 Inspection Date: 04/01/2014

Inspection Type: N/A 04/01/2016 Next Routine Insp Date: 91 Frequency:

> Next Insp Type: In-Depth

> > NA

NA

Next FC Insp.:

Next UW Insp.:

Inspection Agency: 5 - Consultant Inspection Group: Crawford County

93A FC Inspection Date:

92A FC Frequency:

93B UW Inspection Date:

92B UW Frequency:

93C SI Date:

92C SI Frequency: Next Spec. Insp.:

Other Non-NBI Date:

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

CONDITION

58 Deck: 6 - Satisfactory Condition (minor deterioration)

59 Super: 5 - Fair Condition (minor section loss) 6 - Satisfactory Condition (minor deterioration)

61 Channel/Channel Prot.: 6 - Bank slump. widespread minor damage

62 Culvert N - Not Applicable

APPRAISAL

67 Str. Evaluation: 5 - Somewhat better than minimum adequacy

68 Deck Geometry: 4 - Meets minimum tolerable limits

69 Underclear Vert & Horiz: N - Not applicable

71 Waterway Adequacy: 5 - Occasional Flooding - Significant Delays

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: 8 - Stable - Excellent Condition

LOAD RATING AND POSTING

31 Design Load: 5 - HS 20

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

64 Operating Rating: 34.0 Tons

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

66 Inventory Rating:

70 Postina: 5 - Equal to or above legal loads

41 Posting Status: A - Open

AGE AND SERVICE

1953 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: 2 28B Lanes under: 29 ADT: 30 Year of ADT: 2012 109 Truck ADT: 0 % Speed Limit: 55

19 Detour Length: 4 mi

CLASSIFICATION

112 NBIS Length:

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: