

Structure I	nventory and	Appraisal
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Bridge ID: STOCKHOLM-130100	Official	SR: 26.3	SD/FO: Structurally Deficient
FHWA No.: 130100	Unofficial	SR: 26.5	SD/FO: Structurally Deficient

-	IDENTIFICATION	Υ		INSPECTION	
7 Facility Carried:	LOCAL	90 Inspection Date;	03/30/2016	Inspection Type:	N/A
5B Rte. Signing Prefix:	4	Next Routine Insp Date:	03/30/2018	91 Frequency:	24
5C Level of Service:	1 - MAINLINE			Next Insp Type:	Regular
5D Inventory Route:	00000	Inspection Agency:	5 - Consultant	Inspection Group:	Crewford County
City:	RURAL	93A FC Inspection Date:			
3 County:	024 - Crawford	92A FC Frequency:	0	Next FC Insp.:	NA
9 Location:	085381101	93B UW Inspection Date:			
5E Directional Suffix:	0 - NOT APPLICABLE	92B UW Frequency:	0	Next UW Insp.:	NA
6 Feature Intersected:	PORTER CEEEK	93C SI 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 Freq.:		Next Other Insp.:	NA
% Responsibility:	0	CONDITION			
99 Border Bridge No.:		58 Deck:	5 - Fair Condition (min	or section loss)	

STRUCTURE TYPE AND MATERIALS	59 Super:	5 - Fair Condition (minor section loss)
3 - Steel	60 Sub:	6 - Satisfactory Condition (minor deterio
Design: 02 - Stripger/Multi-beam or Girder	84 65	5 61

43A Main Span y Condition (minor deterioration) 43B Main Span Design: 02 -31 Channel/Channel Prot.: 5 - Bank eroded., major damage 45 No. Spans Main Unit: 3 62 Culvert: N - Not Applicable 44A Appr. Span 000 - NA

APPRAISAL 448 Appr. Span Design: 000 - NA 2 - Intolerable - high priority of replacement 67 Str. Evaluation: 46 No. of Appr. Spans: Near Ω Far 68 Deck Geometry: 3 - Intolerable - high priority of corrective action 107 Deck Type: 8 - Wood or Timber 69 Underclear Vert & Horiz: N - Not applicable 108A Wearing Surface: 8 - Gravel 71 Waterway Adequacy: 6 - Occasional Overtopping of Approaches 108B Membrane: 0 - None 72 Approach Alignment: 5 - Somewhal better than minimum adequacy

108C Deck Protection: 0 - None 36A Bridge Rall: 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED. GEOMETRIC DATA 36B Transition: 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED 48 Length Max Span: 38 ft. 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED 36C Approach Rail: 49 Structure Length: 89 ft. 36D Approach Rail Ends; 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED 34 Skew: 113 Scour Critical: 7 - Fixed - Not Scour Critical 1477.4 sq. ft. Deck Area:

LOAD RATING AND POSTING 50B Curb/Sdwk Width R: O fL 0 - Unknown 31 Design Load; 50A Curb/Sowk Width L: 0 fL 63 Rating Method: 2 - Allowable Stress (AS) reported in english tons using HS-20 loading. 64 Operating Rating: 11.6 Tons 61 Width Curb to Curb: 16.0 ft. 65 Rating Method: 2 - Allowable Stress (AS) reported in english tons using HS-20 loading. 52 Width Out to Out: 16.6 ft. 66 Inventory Rating: 08.0 Tons 32 Appr. Roadway width: 26 ft. 70 Posting: 0 - More than 39.9% below legal loads 41 Posting Status: P - Posted for Load (w/ Shoulders)

AGE AND SERVICE 33 Median: 0 - No median 27 Year Built: 1916 0 Design No.: 00 - No flare 35 Structure Flared: 106 Year Reconstructed: 0 10 Vertical Clearance: 90'99" 42A Type of Service on: 1 - Highway 47 Horiz Clearance: 16'02" 42B Type of Service Under: 5 - Waterway 53 Min. Vert. Clearance Over: 99'99" 28A Lanes on: 1 28B Lanes under: 0 29 ADT: 25 30 Year of ADT: 2012

54B Min. Vert. Underdearance: 00'00" 55 Min. Lat, Underclearance R: 00'00" 109 Truck ADT: 0 % Speed Limit: 55 56 Min. Lat. Underdearance L: 00'00" 19 Detour Length: NAVIGATION DATA 38 Navigation Control: CLASSIFICATION

0 - No navigation control on waterway (bridge permit not required) 112 NBIS Length: 111 Pier Protection: 26 Functional Class: 09 - Rurai - Local 39 Vertical Clearance: 00'00" 100 STRAHNET: 0 - Not a defense highway

40 Horiz, Clearance: 000'00" 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 Latitude: 42.1963227 17 Longitude: -95.23820706 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: 31 - Replacement - Load/Geometry

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



Structure Inventory and Appraisal

Bridge ID: STOCKHOLM-130100 Official SR: 26.3 SD/FO: Structurally Deficient
FHWA No.: 130100 Unofficial SR: 26.5 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: 085381101

5E Directional Suffix: 0 - NOT APPLICABLE
6 Feature Intersected: PORTER CEEEK

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: 3
 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: 8 - Gravel 108B Membrane: 0 - None 108C Deck Protection: 0 - None

GEOMETRIC DATA

 48 Length Max Span:
 38 ft.

 49 Structure Length:
 89 ft.

 34 Skew:
 0°

 50B Curb/Sdwk Width R:
 0 ft.

 50A Curb/Sdwk Width L:
 0 ft.

 51 Width Curb to Curb:
 16.0 ft.

 52 Width Out to Out:
 16.6 ft.

(w/ Shoulders)

32 Appr. Roadway width:

Deck Area:

33 Median:

35 Structure Flared:

00 - No flare

10 Vertical Clearance:

99'99"

47 Horiz. Clearance:

16'02"

53 Min. Vert. Clearance Over:

99'99"

54B Min. Vert. Underclearance:

00'00"

55 Min. Lat. Underclearance R:

00'00"

NAVIGATION DATA

1477.4 sq. ft.

26 ft

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"

16 Latitude: 42.1963227 17 Longitude: -95.23820706

FRA No. (if RR Bridge):

Mile Post:

INSPECTION
90 Inspection Date: 03/17/2014 Inspec

 90 Inspection Date:
 03/17/2014
 Inspection Type:
 N/A

 Next Routine Insp Date:
 03/17/2016
 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: 5 - Fair Condition (minor section loss)
59 Super: 5 - Fair Condition (minor section loss)
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: 2 - Intolerable - high priority of replacement
68 Deck Geometry: 3 - Intolerable - high priority of corrective action

69 Underclear Vert & Horiz: N - Not applicable

71 Waterway Adequacy: 6 - Occasional Overtopping of Approaches
72 Approach Alignment: 5 - Somewhat better than minimum adequacy

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: 7 - Fixed - Not Scour Critical

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: 11.6 Tons

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

66 Inventory Rating: 08.0 Tons

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

41 Posting Status: P - Posted for Load

AGE AND SERVICE

27 Year Built: 1916 Design No.: 0

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:
 0

 29 ADT:
 25
 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

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