

Structure Inventory ar	nd Appraisal
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Bridge ID: STOCKHOLM-365850	Official	SR:	SD/FO:
FHWA No.; 365850	Unofficial	SR: 50.7	SD/FO: Functionally Obsolete

>	IDENTIFICATION	$\overline{}$		INSPECTION	
7 Facility Carried:	310TH ST	90 Inspection Date:	03/03/2016	Inspection Type:	N/A
5B Rte. Signing Prefix:	4	Next Routine Insp Date:	03/03/2018	91 Frequency:	24
5C Level of Service:	1 - MAINLINE			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:		Next FC Insp.:	NA
9 Location:	085380301	93B UW Inspection Date:	:		
5E Directional Suffix:	0 - NOT APPLICABLE	92B UW Frequency:		Next UW Insp.:	NA
6 Feature Intersected:	PORTER CREEK	93C SI Date:			
2 District:	0	92C SI Frequency:		Next Spec, Insp.:	NA
Garage:	000	Other Non-NBI Date:			
98 Border Bridge Code:		Other Non-NBI Freq.:		Next Other Insp.:	NA
% Responsibility:				CONDITION	
99 Border Bridge No.:		58 Deck:	6 - Satisfactory Co	ondition (minor deterioration)	

99 Border Bridge No.:		58 Deck:	6 - Satisfactory Condition (minor deterioration)
ì	STRUCTURE TYPE AND MATERIALS	59 Super.	6 - Satisfactory Condition (minor deterioration)
	43A Main Span 3 - Steel	60 Sub:	5 - Fair Condition (minor section loss)
	43B Main Span Design; 02 - Stringer/Multi-beam or Girder	61 Channel/Channel Prot:	6 - Bank stump, widespread minor demage
l	45 No. Spans Main Unit: 1	62 Cultoda	N. No. Analicable

N - Not Applicable

l	44A Appr. Span	000 - NA			, ,	62 Culvert:	N - Not Applicable
l	•• •				- 1	<del></del>	APPRAI\$AL
l	44B Appr. Span Design:	000 - NA				67 Str. Evaluation:	4 - Meets minimum tolerable limits
l	46 No. of Appr. Spans:	Near	0	Far	0	68 Deck Geometry:	6 - Equal to present minimum criteria
l	107 Deck Type:	1 - Concrete	Cast-in-Plac	·e		•	• •
l				-		69 Underdear Vert & Horlz:	N - Not applicable
ı	108A Wearing Surface:	I - MonoMunic Co	oncrete Sconcurr	antly placed with si	ruciural deck) i		

62 Culvert:

71 Waterway Adequacy: 7 - Slight Chance of Overtopping Bridge 1088 Membrane: 0 - None 72 Approach Alignment: 3 - Intelerable - 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 36B Transition: 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED 48 Length Max Span: 40 ft.

36C Approach Rail: 0 - DOES NOT MEET CURRENT SAFETY STANDAROS, OR IS NOT THERE AND IS NEEDED 49 Structure Length: 41 ft. 36D Approach Rail Ends: 0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED 34 Skew: O° 113 Scour Critical: 8 - Stable - Excellent Condition Deck Area: 984.0 sq. ft.

33 Median:	0 - No median	r	AGE AND SERVICE
(w/ Shaulders)		41 Posting Status:	R - Posted for Other Than Load
32 Appr. Roadway width:	24 ft.	70 Posting:	3 - 10.0-19.9% below legal loads
52 Width Out to Out:	24.0 ft.	66 Inventory Rating:	15.7 Tons
		65 Rating Method:	2 - Allowable Stress (AS) reported in english tons using HS-20 loading.
51 Width Curb to Curb:	24,0 ft.	64 Operating Rating:	28.7 Tons
50A Curb/Sdwk Wildth L:	O.0 ft.	63 Rating Method:	2 - Allowable Stress (AS) reported in english tons using HS-20 loading.
50B Curb/Sdwk Width R:	0.0 ft.	31 Design Load:	0 - Unknown
		r	LOAD RATING AND POSTING

1	35 Structure Flared:	00 - No flare	27 Year Built	1940	Design No.:	0
l	10 Vertical Clearance:	99'99"	106 Year Reconstructed:	0000		
l	47 Horiz, Clearance:	24'00"	42A Type of Service on:	1 - Highway		
l	53 Min. Vert. Clearance Over.	89.88	42B Type of Service Under:	5 - Waterway		
l	54B Min. Vert, Underclearance	00'00"	28A Lanes on:	02	28B Lanes under:	00
l	55 Min. Lat. Underdearance R:	00'00"	29 ADT:	5	30 Year of ADT:	2012
l	56 Min. Lat. Underclearance L:	00'00"	109 Truck ADT:	0 %	Speed Limit;	55
١		)	40 Date - Lands	00		

	TION DATA	1.0 2010011 201191111		
38 Navigation Control:			CLASSIFICATION	
0 - No navigation control on wat	(erv/ay (bridge permit not required)	112 NBIS Length:	Y	
111 Pier Protection:		26 Functional Class:	09 - Rural - Local	
39 Vertical Clearance: 0'00"		100 STRAHNET:	0 - Not a defense highway	
40 Horiz, Clearance: 0'00"		101 Parallel Structure:	N - No parallel structure	
		102 Direction of Traffic:	2 - 2-way traffic	
16 Latitude: 42.21078852	17 Langitude: -95.246181	22 Owner:	02 - County Highway Agency	
14 24,4042	Edulghada, darendah	21 Custodian:	02 - County Highway Agency	

37 Historical Significance: 5 - Not aligible FRA No. (if RR Bridge): 75A Type of Work Proposed: 38 - Other Structural Work Mile Post: 75B Work Done by: 2 - Work to be done by owner's forces



## Structure Inventory and Appraisal

Bridge ID: STOCKHOLM-365850 Official SR: SD/FO:

FHWA No.: 365850 Unofficial SR: 53.7 SD/FO: Not Deficient or Obsolete

IDENTIFICATION

310TH ST

7 Facility Carried:

5B Rte. Signing Prefix:

1 - MAINLINE 5C Level of Service:

5D Inventory Route: 00000

City: RURAL

3 County: 024 - Crawford 085380301 9 Location:

0 - NOT APPLICABLE 5E Directional Suffix:

6 Feature Intersected: PORTER CREEK

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

Far 46 No. of Appr. Spans: Near 0 0

107 Deck Type: 1 - Concrete Cast-in-Place

108A Wearing Surface: 1 - Monolithic Concrete (concurrently placed with structural deck)

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

GEOMETRIC DATA

48 Length Max Span: 40 ft 41 ft 49 Structure Length:

34 Skew:

Deck Area:

984.0 sq. ft. 50B Curb/Sdwk Width R:

0.0 ft. 50A Curb/Sdwk Width L: 0.0 ft.

51 Width Curb to Curb: 24.0 ft. 52 Width Out to Out:

32 Appr. Roadway width: 24 ft

(w/ Shoulders)

33 Median: 0 - No median

35 Structure Flared: 00 - No flare

10 Vertical Clearance: 99'99"

47 Horiz. Clearance: 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: 0'00"

40 Horiz. Clearance:

16 Latitude: 42.21078852 17 Longitude: -95.246181

FRA No. (if RR Bridge):

Mile Post:

INSPECTION

90 Inspection Date: 03/17/2014 Inspection Type: N/A 03/17/2016 Next Routine Insp Date: 91 Frequency:

> Next Insp Type: In-Depth

Inspection Agency: 5 - Consultant Inspection Group: Crawford County

93A FC Inspection Date:

92A FC Frequency: Next FC Insp.: NA

93B UW Inspection Date:

92B UW Frequency: Next UW Insp.: NA

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) 5 - Fair Condition (minor section loss)

61 Channel/Channel Prot.: 7 - Bank protection needs minor repairs

62 Culvert N - Not Applicable

APPRAISAL

67 Str. Evaluation: 4 - Meets minimum tolerable limits

68 Deck Geometry: 6 - Equal to present minimum criteria

69 Underclear Vert & Horiz: N - Not applicable

71 Waterway Adequacy: 7 - Slight Chance of Overtopping Bridge

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

0 - DOES NOT MEET CURRENT SAFETY STANDARDS, OR IS NOT THERE AND IS NEEDED

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113 Scour Critical: 8 - Stable - Excellent Condition

LOAD RATING AND POSTING

31 Design Load:

36D Approach Rail Ends:

0 - Unknown

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

64 Operating Rating:

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

66 Inventory Rating:

70 Postina:

15.7 Tons 3 - 10.0-19.9% below legal loads

41 Posting Status: R - Posted for Other Than Load

AGE AND SERVICE

1940 27 Year Built: Design No.:

106 Year Reconstructed: 0000 42A Type of Service on: 1 - Highway

42B Type of Service Under: 5 - Waterway

28A Lanes on: 02 28B Lanes under: 29 ADT: 30 Year of ADT:

109 Truck ADT: 0 %

19 Detour Length: 99 mi.

CLASSIFICATION

Speed Limit:

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: 5 - Not eligible

75A Type of Work Proposed: 38 - Other Structural Work

75B Work Done by: 2 - Work to be done by owner's forces