

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
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Basic Information

Washington [53]	Spokane County [063]	Spokane [67000]	00.15 SE SR195-190	47-38-44.77 = 47.645769	117-26-51.77 = -117.447714
85421000000000	Highway agency district 6	Owner City or Municipal Highway Agency [04]	Maintenance responsibility	City or Municipal Highway Agency [04]	
Route 823	11TH AVE	Toll On free road [3]	Features intersected	LATAH CREEK	
Design - main Concrete [1]	Design - approach	Kilometerpoint 0.1 km = 0.1 mi	Year built 1927	Year reconstructed N/A [0000]	
1 Culvert [19]	0 Other [00]	Skew angle 0	Structure Flared		
		Historical significance	Bridge is not eligible for the NRHP. [5]		
Total length 46.9 m = 153.9 ft	Length of maximum span 33.5 m = 109.9 ft	Deck width, out-to-out 9.1 m = 29.9 ft	Bridge roadway width, curb-to-curb	6.1 m = 20.0 ft	
Inventory Route, Total Horizontal Clearance 6.1 m = 20.0 ft	Curb or sidewalk width - left 1.5 m = 4.9 ft	Curb or sidewalk width - right	0 m = 0.0 ft		
Deck structure type	Not applicable [N]				
Type of wearing surface	Not applicable (applies only to structures with no deck) [N]				
Deck protection	Not applicable (applies only to structures with no deck) [N]				
Type of membrane/wearing surface	Not applicable (applies only to structures with no deck) [N]				

Weight Limits

Bypass, detour length 0.3 km = 0.2 mi	Method to determine inventory rating	No rating analysis or evaluation perfor	Inventory rating	32.4 metric ton = 35.6 tons
	Method to determine operating rating	No rating analysis or evaluation perfor	Operating rating	43.2 metric ton = 47.5 tons
Bridge posting	Equal to or above legal loads [5]	Design Load		

Functional Details

Average Daily Traffic	161	Average daily truck traffi	1	%	Year	2010	Future average daily traffic	300	Year	2032
Road classification	Local (Urban) [19]		Lanes on structure	2		Approach roadway width	7.3 m = 24.0 ft			
Type of service on bridge	Highway-pedestrian [5]		Direction of traffic	2 - way traffic [2]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Waterway [5]		Lanes under structure	0		Navigation control				
Navigation vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A						
Minimum navigation vertical clearance, vertical lift bridge						Minimum vertical clearance over bridge roadway	99.99 m = 328.1 ft			
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	0 = N/A					Minimum lateral underclearance on left	0 = N/A			
Minimum Vertical Underclearance	0 = N/A		Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]						
Appraisal ratings - underclearances	N/A [N]									

Repair and Replacement Plans

Type of work to be performed	Work done by									
Widening of existing bridge with deck rehabilitation or replacement. [34]	Work to be done by contract [1]									
	Bridge improvement cost	64000		Roadway improvement cost	2000					
	Length of structure improvement	47.5 m = 155.8 ft		Total project cost	66000					
	Year of improvement cost estimate	2013								
	Border bridge - state					Border bridge - percent responsibility of other state				
	Border bridge - structure number									

Inspection and Sufficiency

Structure status	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Better than present minimum criteria [7]"/>
Condition ratings - superstructure	<input type="text" value="Not Applicable [N]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Basically intolerable requiring high priority of corrective action [3]"/>
Condition ratings - substructure	<input type="text" value="Not Applicable [N]"/>	Appraisal ratings - deck geometry	<input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>
Condition ratings - deck	<input type="text" value="Not Applicable [N]"/>		
Scour	<input type="text" value="Countermeasures have been installed to mitigate an existing problem with scour. [7]"/>		
Channel and channel protection	<input type="text" value="Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]"/>		
Appraisal ratings - water adequacy	<input type="text" value="Equal to present desirable criteria [8]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="77.5"/>
Culverts	<input type="text" value="Shrinkage cracks, light scaling and insignificant spalling which does not expose reinforcing steel. Insignificant damage caused by drift with no misalignment and not requiring corrective action. Some minor scouring has occurred near curtain walls, wingwa"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="April 2013 [0413]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>

BRIDGE INSPECTION REPORT

Ver Date: 04/25/2013

Agency: SPOKANE

Status: Released

Printed On: 09/30/20

Program Mgr: Roman G. Peralta

Bridge No. 281600823

Page: 1/2

Structure Type

Bridge Name 11TH AVE OC LATAH CREEK

Route 00823

Location 00.15 SE SR195-190

Structure ID 08542100

MilePost 0.00

Intersecting LATAH CREEK

Inspector's Signature JEM

IDent# G0608

Co-Inspector's Signature

LAM

										Inspections Performed				
7		Structural Adqcy (657)	N		Pier/Abut/Protect (679)	1927	Year Built (332)	IT	NT	HRS	Date	Rep	Type	
4		Deck Geometry (658)	7		Scour (680)	0	Year Rebuilt (336)	Y	24	2.5	04/09/2013	Routine		
9		Underclearance (659)	6		Retaining Walls (682)	48	Oper Rating (551)					Fract Crit		
5		Operating Level (660)	9		Pier Protection (683)	36	Inv Rating (554)					Underwater		
3		Alignment Adqcy (661)	0		Bridge Rails (684)	A	Open Close (293)					Special		
8		WaterwayAdqcy (662)	0		Transition (685)	9999	Vert Over Deck (360)					Interim		
9		Deck Overall (663)	0		Guardrails (686)	0000	Vert Under (374)					Equipment		
9		Drains Condition (664)	0		Terminals (687)	N	Vert Und Code (378)					Damage		
9		Superstructure (671)	N		Revise Rating (688)	0.00	Asphalt Depth					Safety		
0		Number Utilities (675)			Photos Flag (691)		Speed Limit					Short Span		
9		Substructure (676)	Y		Soundings Flag (693)									
8		Chan/Protection (677)			Measure Clearance (694)									
7		Culvert (678)												
											Total: 2.5			
											Suff Rating: 76.72		FO 76.72 FO	

BMS Elements

Element	Element Description	Total	Units	State 1	State 2	State 3	State 4
145	Earth Filled Concrete Arch	110	LF	0	110	0	0
215	Concrete Abutment	56	LF	0	56	0	0
331	Concrete Bridge Railing	456	LF	0	456	0	0
361	Scour	2	EA	2	0	0	0
800	Asphaltic Concrete (AC) Overlay	4560	SF	4550	10	0	0

Notes

0	The bridge is oriented from the west to the east, with a 5' sidewalk on the north side. The temperature at the time of the inspection was 51 degrees.
145	There are two cracks with a light amount of efflorescence in the arch at the northwest corner above the spring line. There is one transverse crack measuring 0.016 in the middle of the arch extending halfway across from the south.
215	There has been no movement noted on the wing walls. There are small hairline cracks with efflorescence in the west abutment.
331	
361	The winter runoff has been moderate, but no scour activity was observed.
673	The cracks in the asphalt have been sealed with tar.

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Bridge No. 281600823	Page: 2/2	Structure Type
Bridge Name 11TH AVE OC LATAH CREEK	Route 00823	Location 00.15 SE SR195-I90
Structure ID 08542100	MilePost 0.00	Intersecting LATAH CREEK

800	There is an area of sunken asphalt at the edge of the pavement of the west approach.
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Repairs

Repair No	Pr	R	Repair Description	Noted	Maint	Verified

Inspections Performed and Resources Required

<u>Report Type</u>	<u>Date</u>	<u>IT</u>	<u>Frq</u>	<u>Hrs</u>	<u>Insp</u>	<u>CertNo</u>	<u>Coinsp</u>	<u>Note</u>
Routine	04/09/13	Y	24	2.5	JEM	G0608	LAM	The roadway to the east of bridge was at time of inspection under way to have sidewalk and paving onto bridge. this was being done under a LID.
Resources		Use Hour			Min	Req	Max	Notes