

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
 Form Interface Design: www.historicbridges.org. Data Conversion Assistance By www.bridgehunter.com. None of the involved parties make any guarantee of accuracy.

Basic Information

Wisconsin [55]	Manitowoc County [071]	Cato [13237]	0.2M S JCT USH 151	44-04-37.27 = 44.077019	087-50-11.19 = -87.836442
P36015400000000	Highway agency district: 3	Owner: Town or Township Highway Agency [03]	Maintenance responsibility: Town or Township Highway Agency [03]		
Route 0	North [1]	LRD OLD WOODEN BRI	Toll: On free road [3]	Features intersected: SOO LINE	
Design - main: 6	Wood or timber [7]	Stringer/Multi-beam or girder [02]	Design - approach: 0	Other [00]	Kilometerpoint: 0 km = 0.0 mi
			Year built: #Num!	Year reconstructed: #Num!	
			Skew angle: 28	Structure Flared:	
Total length: 30.9 m = 101.4 ft			Length of maximum span: 6.1 m = 20.0 ft	Deck width, out-to-out: 6.1 m = 20.0 ft	Bridge roadway width, curb-to-curb: 5.6 m = 18.4 ft
Inventory Route, Total Horizontal Clearance: 7.9 m = 25.9 ft		Curb or sidewalk width - left: 0 m = 0.0 ft	Curb or sidewalk width - right: 0 m = 0.0 ft		
Deck structure type:	Wood or Timber [8]				
Type of wearing surface:	Wood or Timber [7]				
Deck protection:					
Type of membrane/wearing surface:	Unknown [8]				

Weight Limits

Bypass, detour length: 0.4 km = 0.2 mi	Method to determine inventory rating: Load Factor(LF) [1]	Inventory rating: 14.6 metric ton = 16.1 tons
	Method to determine operating rating: Load Factor(LF) [1]	Operating rating: 19.6 metric ton = 21.6 tons
Bridge posting: 10.0 - 19.9 % below [3]	Design Load: MS 18 / HS 20 [5]	

Functional Details

Average Daily Traffic	47	Average daily truck traffi	0	%	Year	2015	Future average daily traffic	51	Year	2035
Road classification	Local (Rural) [09]		Lanes on structure	2		Approach roadway width	7.9 m = 25.9 ft			
Type of service on bridge	Highway [1]		Direction of traffic	2 - way traffic [2]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Railroad [2]		Lanes under structure	0		Navigation control	Not applicable, no waterway. [N]			
Navigation vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A						
Minimum navigation vertical clearance, vertical lift bridge	0 m = 0.0 ft			Minimum vertical clearance over bridge roadway	99.99 m = 328.1 ft					
Minimum lateral underclearance reference feature	Railroad beneath structure [R]									
Minimum lateral underclearance on right	2.6 m = 8.5 ft				Minimum lateral underclearance on left	2.3 m = 7.5 ft				
Minimum Vertical Underclearance	6.91 m = 22.7 ft		Minimum vertical underclearance reference feature	Railroad beneath structure [R]						
Appraisal ratings - underclearances	Meets minimum tolerable limits to be left in place as is [4]									

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by owner's forces [2]								
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	272000	Roadway improvement cost	27000						
	Length of structure improvement	35.4 m = 116.1 ft		Total project cost	408000					
	Year of improvement cost estimate	2018								
	Border bridge - state		Border bridge - percent responsibility of other state							
	Border bridge - structure number									

Inspection and Sufficiency

Structure status

Posted for load [P]

Appraisal ratings -
structural

Meets minimum tolerable limits to be left in place as is [4]

Condition ratings - superstructure

Fair [5]

Appraisal ratings -
roadway alignment

Basically intolerable requiring high priority of corrective action [3]

Condition ratings - substructure

Fair [5]

Appraisal ratings -
deck geometry

Meets minimum tolerable limits to be left in place as is [4]

Condition ratings - deck

Fair [5]

Scour

Bridge not over waterway. [N]

Channel and channel protection

Not applicable. [N]

Appraisal ratings - water adequacy

N/A [N]

Status evaluation

Functionally obsolete [2]

Pier or abutment protection

Sufficiency rating

49.5

Culverts

Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings

Traffic safety features - transitions

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Inspection date

November 2018 [1118]

Designated inspection frequency

12

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Not needed [N]

Fracture critical inspection date

Other special inspection

Not needed [N]

Other special inspection date