

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

Wisconsin [55] Jefferson County [055] Watertown [83975] 0.1M E JCT STH 26 43-11-42.00 = 43.195000 088-43-36.00 = -88.726667

B28090600000000 Highway agency district: 1 Owner City or Municipal Highway Agency [04] Maintenance responsibility City or Municipal Highway Agency [04]

Route 19 East [2] STH 19-MAIN ST Toll On free road [3] Features intersected ROCK RIVER

Design - main Concrete [1] Design - approach Steel [3] Kilometerpoint 0 km = 0.0 mi

1 Arch - Deck [11] 1 Stringer/Multi-beam or girder [02] Year built 1931 Year reconstructed 1981

Skew angle 6 Structure Flared

Historical significance Bridge is eligible for the NRHP. [2]

Total length 60 m = 196.9 ft Length of maximum span 32.2 m = 105.6 ft Deck width, out-to-out 18.9 m = 62.0 ft Bridge roadway width, curb-to-curb 12.8 m = 42.0 ft

Inventory Route, Total Horizontal Clearance 15.8 m = 51.8 ft Curb or sidewalk width - left 3 m = 9.8 ft Curb or sidewalk width - right 3 m = 9.8 ft

Deck structure type Concrete Cast-in-Place [1]

Type of wearing surface Monolithic Concrete (concurrently placed with structural deck) [1]

Deck protection Epoxy Coated Reinforcing [1]

Type of membrane/wearing surface Unknown [8]

Weight Limits

Bypass, detour length 0.1 km = 0.1 mi Method to determine inventory rating Inventory rating 19.4 metric ton = 21.3 tons

Method to determine operating rating Operating rating 32.7 metric ton = 36.0 tons

Bridge posting Equal to or above legal loads [5] Design Load M 18 / H 20 [4]

Functional Details

Average Daily Traffic	15136	Average daily truck traffi	3	%	Year	2015	Future average daily traffic	16649	Year	2035
Road classification	Minor Arterial (Urban) [16]		Lanes on structure	2		Approach roadway width	15.8 m = 51.8 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	0 m = 0.0 ft			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	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	1030000	Roadway improvement cost	103000						
	Length of structure improvement	64.6 m = 212.0 ft		Total project cost	1545000					
	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	Open, no restriction [A]	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - deck	Poor [4]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	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	Equal to present desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	47
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Not applicable or a safety feature is not required. [N]		
Traffic safety features - transitions	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail ends	Not applicable or a safety feature is not required. [N]		
Inspection date	August 2018 [0818]	Designated inspection frequency	12 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	February 2018 [0218]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	