

HistoricBridges.org - National Bridge Inventory Data Sheet

2019 Inventory

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

New York [36]	Cortland County [023]	Willet [81963]	0.7 MI E JCT RTS 26 + 221	42-28-06.96 = 42.468600	075-54-42.81 = -75.911892
1018630	Highway agency district: 32	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 26	RTE 26	Toll On free road [3]	Features intersected	WILLET CREEK	
Design - main	Concrete [1]	Design - approach		Kilometerpoint	719.2 km = 445.9 mi
1	Arch - Deck [11]	0	Other [00]	Year built	1935
				Year reconstructed	1959
				Skew angle	5
				Structure Flared	
				Historical significance	Bridge is eligible for the NRHP. [2]
Total length	14.3 m = 46.9 ft	Length of maximum span	9.1 m = 29.9 ft	Deck width, out-to-out	9.8 m = 32.2 ft
Inventory Route, Total Horizontal Clearance	7.3 m = 24.0 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	1.5 m = 4.9 ft
Deck structure type	Not applicable [N]				
Type of wearing surface	Bituminous [6]				
Deck protection	Not applicable (applies only to structures with no deck) [N]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating		Inventory rating	28.5 metric ton = 31.4 tons
0.1 km = 0.1 mi	Method to determine operating rating		Operating rating	66.5 metric ton = 73.2 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	

Functional Details

Average Daily Traffic	852	Average daily truck traffi	13	%	Year	2017	Future average daily traffic	860	Year	2038
Road classification	Major Collector (Rural) [07]		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	Work to be done by contract [1]		
Widening of existing bridge with deck rehabilitation or replacement. [34]	Bridge improvement cost	254000	Roadway improvement cost	149000
	Length of structure improvement	14.3 m = 46.9 ft	Total project cost	403000
	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	Better than present minimum criteria [7]
Condition ratings - superstructure	Good [7]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Not Applicable [N]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]		
Appraisal ratings - water adequacy	Somewhat better than minimum adequacy to tolerate being left in place as is [5]	Status evaluation	
Pier or abutment protection		Sufficiency rating	77.4
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	August 2017 [0817]	Designated inspection frequency	24 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	