

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]	Genesee County [037]	Pavilion [56792]	JCT RTE 20 + OATKA CK	42-54-31.35 = 42.908708	078-01-43.62 = -78.028783
1015680	Highway agency district: 41	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 20	RTE 20	Toll On free road [3]	Features intersected OATKA CREEK		
Design - main 1	Steel [3] Truss - Thru [10]	Design - approach 0	Other [00]	Kilometerpoint 3580 km = 2219.6 mi	Year built 1933 Year reconstructed 1965
				Skew angle 0	Structure Flared
				Historical significance Bridge is not eligible for the NRHP. [5]	
Total length	35.7 m = 117.1 ft	Length of maximum span	35 m = 114.8 ft	Deck width, out-to-out	12.8 m = 42.0 ft
				Bridge roadway width, curb-to-curb	11.6 m = 38.1 ft
Inventory Route, Total Horizontal Clearance	11.6 m = 38.1 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	0 m = 0.0 ft
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Bituminous [6]				
Deck protection	Other Coated Reinforcing [3]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 1.1 km = 0.7 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	23.6 metric ton = 26.0 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	39.9 metric ton = 43.9 tons
Bridge posting	Equal to or above legal loads [5]		Design Load	M 18 / H 20 [4]

Functional Details

Average Daily Traffic	2454	Average daily truck traffi	13	%	Year	2017	Future average daily traffic	2478	Year	2038
Road classification	Principal Arterial - Other (Rural) [02]		Lanes on structure	2		Approach roadway width	11.6 m = 38.1 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	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	4444000	Roadway improvement cost	2602000
	Length of structure improvement	36.5 m = 119.8 ft	Total project cost	7046000
	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 other load-capacity restriction [R]	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	Good [7]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]		
Appraisal ratings - water adequacy	Equal to present minimum criteria [6]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	56.3
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions			
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	October 2018 [1018]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	October 2018 [1018]
Other special inspection	Not needed [N]	Other special inspection date	