HistoricBridges.org - National Bridge Inventory Data Sheet

2019 Inventory

The National Bridge Inventory contains data submitted by state transportion 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]	Herkimer County [043]	Ohio [54507]	E TIP OF HINCKLEY RESERVR	43-21-18.06 = 43.355017	074-59-55.42 = -74.998728

2204740	Highway agency district: 23	Owner: Town or Township Highway Agency [03]	Maintenance responsibility: Town or Township Highway Agency [03]		

Route: 0	HARVEY BRIDGE RD	Toll: On free road [3]	Features intersected: WEST CANADA CREEK	

Design - main: 3	Steel [3] Truss - Thru [10]	Design - approach: 0	Other [00]	Kilometerpoint: 259 km = 160.6 mi	
				Year built: 1895	Year reconstructed: 2009
				Skew angle: 0	Structure Flared:
				Historical significance: Bridge is not eligible for the NRHP. [5]	

Total length: 75.6 m = 248.0 ft	Length of maximum span: 25.9 m = 85.0 ft	Deck width, out-to-out: 5.5 m = 18.0 ft	Bridge roadway width, curb-to-curb: 4.9 m = 16.1 ft
Inventory Route, Total Horizontal Clearance: 4.8 m = 15.7 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: Bituminous [6]		
Deck protection:		
Type of membrane/wearing surface:		

Weight Limits

Bypass, detour length: 0.8 km = 0.5 mi	Method to determine inventory rating: Load Factor(LF) [1]	Inventory rating: 11.8 metric ton = 13.0 tons	
	Method to determine operating rating: Load Factor(LF) [1]	Operating rating: 26.3 metric ton = 28.9 tons	
	Bridge posting:	Design Load:	

Functional Details

Average Daily Traffic	269	Average daily truck traffi	3 %	Year	2017	Future average daily traffic	271
Year	2038						
Road classification	Local (Rural) [09]	Lanes on structure	1	Approach roadway width	4.6 m = 15.1 ft		
Type of service on bridge	Highway [1]	Direction of traffic	1 - way traffic [1]	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

Bridge deck replacement with only incidental widening. [37]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	3070000	Roadway improvement cost	1798000
Length of structure improvement	75.5 m = 247.7 ft	Total project cost	4869000
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	Poor [4]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Fair [5]		
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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	26.8
Culverts	Not applicable. Used if structure is not a culvert. [N]		

Traffic safety features - railings	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - transitions	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail	Inpected feature meets currently acceptable standards. [1]
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	Every year [Y12]	Fracture critical inspection date	November 2018 [1118]
Other special inspection	Not needed [N]	Other special inspection date	