HistoricBridges.org - National Bridge Inventory Data Sheet

2016 Inventor

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]	Washington County [115]	Granville [30037]	5 MI NW OF GRANVILLE	43-27-12.98 = 43.453606	073-20-24.81 = -73.340225

3306120	Highway agency district: 18	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		
Route: 0		LOWER TURNPIKE	Toll: On free road [3]	Features intersected: METTAWEE RIVER	

Design - main: Steel [3]		Design - approach:		Kilometerpoint: 33.8 km = 21.0 mi	
1	Truss - Thru [10]	0	Other [00]	Year built: 1890	Year reconstructed: 2013
				Skew angle: 0	Structure Flared:
				Historical significance: Bridge is eligible for the NRHP. [2]	

Total length: 51.5 m = 169.0 ft	Length of maximum span: 49.3 m = 161.8 ft	Deck width, out-to-out: 5.1 m = 16.7 ft	Bridge roadway width, curb-to-curb: 4 m = 13.1 ft		
Inventory Route, Total Horizontal Clearance: 4.5 m = 14.8 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	

Weight Limits

Bypass, detour length: 0.3 km = 0.2 mi	Method to determine inventory rating: No rating analysis or evaluation perfor	Inventory rating: 2.7 metric ton = 3.0 tons			
	Method to determine operating rating: No rating analysis or evaluation perfor	Operating rating: 2.7 metric ton = 3.0 tons			
	Bridge posting: 20.0 - 29.9 % below [2]	Design Load: Other [C]			

Functional Details

Average Daily Traffic	64	Average daily truck traffi	7 %	Year	2011	Future average daily traffic	90	Year	2031

Road classification	Local (Rural) [09]	Lanes on structure	1	Approach roadway width	4.8 m = 15.7 ft
Type of service on bridge	Highway [1]	Direction of traffic	One lane bridge for 2 - way traffic [3]	Bridge median	
Parallel structure designatio	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	4.54 m = 14.9 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

Widening of existing bridge with deck rehabilitation or replacement. [34]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	855000	Roadway improvement cost	501000
Length of structure improvement	51.5 m = 169.0 ft	Total project cost	1356000
Year of improvement cost estimate	2014		
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	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - superstructur	Fair [5]	Appraisal ratings - roadway alignment	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
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	Very Good [8]		

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	
Pier or abutment protection		Sufficiency rating	23.9

Culverts	Not applicable. Used if structure is not a culvert. [N]
Traffic safety features - railings	
Traffic safety features - transitions	
Traffic safety features - approach guardrail	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail ends	Inpected feature meets currently acceptable standards. [1]

Inspection date	August 2015 [0815]	Designated inspection frequency	12	Months

Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	August 2015 [0815]
Other special inspection	Not needed [N]	Other special inspection date	