HistoricBridges.org - National Bridge Inventory Data Sheet

2014 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 Jersey [34]	Hunterdon County [019]	Delaware [17170]	2 MILES NORTH OF CR 604	40-27-53.05 = 40.464736	074-58-36.16 = -74.976711

100D488	Highway agency district: 2	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		
Route: 0		OLD MILL ROAD	Toll: On free road [3]	Features intersected: WICKECHEOKE CREEK	

Design - main	Steel [3]	Design - approach		Kilometerpoint: 0 km = 0.0 mi	
1	Truss - Thru [10]	0	Other [00]	Year built: 1899	Year reconstructed: N/A [0000]
				Skew angle: 12	Structure Flared:
				Historical significance: Bridge is not eligible for the NRHP. [5]	

Total length: 14.9 m = 48.9 ft	Length of maximum span: 14.3 m = 46.9 ft	Deck width, out-to-out: 3.5 m = 11.5 ft	Bridge roadway width, curb-to-curb: 3.3 m = 10.8 ft		
Inventory Route, Total Horizontal Clearance: 3.3 m = 10.8 ft	Curb or sidewalk width - left: 0 m = 0.0 ft	Curb or sidewalk width - right: 0 m = 0.0 ft			

Deck structure type	Corrugated Steel [6]
Type of wearing surface	Bituminous [6]
Deck protection	
Type of membrane/wearing surface	Preformed Fabric [2]

Weight Limits

Bypass, detour length	Method to determine inventory rating: Load Factor(LF) [1]		Inventory rating: 20 metric ton = 22.0 tons		
0.6 km = 0.4 mi	Method to determine operating rating: Load Factor(LF) [1]		Operating rating: 32.7 metric ton = 36.0 tons		
	Bridge posting: Equal to or above legal loads [5]		Design Load:		

Functional Details

Average Daily Traffic	111	Average daily truck traffi	3 %	Year	2013	Future average daily traffic	133	Year	2033

Road classification	Local (Rural) [09]	Lanes on structure	1	Approach roadway width	3.7 m = 12.1 ft
Type of service on bridge	Highway [1]	Direction of traffic	One lane bridge for 2 - way traffic [3]	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

Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	412000	Roadway improvement cost	40000
Length of structure improvement	14.9 m = 48.9 ft	Total project cost	670000
Year of improvement cost estimate	2009		
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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	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	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Fair [5]		
Scour	Bridge is scour critical; bridge foundations determined to be unstable. [3]		
Channel and channel protection	Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	45.7
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	May 2013 [0513]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	May 2013 [0513]
Other special inspection	Not needed [N]	Other special inspection date	