

HistoricBridges.org - National Bridge Inventory Data Sheet

2014 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 Jersey [34]		Hunterdon County [019]		Tewksbury [72510]		2 MILES NORTH OF I-78		40-40-37.10 = 40.676972		074-47-35.62 = -74.793228	
100T073		Highway agency district 2		Owner County Highway Agency [02]		Maintenance responsibility		County Highway Agency [02]			
Route 0		MEADOW LANE		Toll On free road [3]		Features intersected NO BRANCH ROCKAWAY CREEK					
Design - main		Aluminum, Wrought Iron or Cast Iron [9]		Design - approach				Kilometerpoint		0 km = 0.0 mi	
1		Truss - Thru [10]		0		Other [00]		Year built #Num!		Year reconstructed 1991	
								Skew angle 7		Structure Flared	
								Historical significance Bridge is not eligible for the NRHP. [5]			
Total length		18.6 m = 61.0 ft		Length of maximum span		18.3 m = 60.0 ft		Deck width, out-to-out		4.3 m = 14.1 ft	
								Bridge roadway width, curb-to-curb		4.1 m = 13.5 ft	
Inventory Route, Total Horizontal Clearance		4.1 m = 13.5 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											

Weight Limits

Bypass, detour length		Method to determine inventory rating		Load Factor(LF) [1]		Inventory rating		13.6 metric ton = 15.0 tons	
0.6 km = 0.4 mi		Method to determine operating rating		Load Factor(LF) [1]		Operating rating		22.7 metric ton = 25.0 tons	
Bridge posting		00.1 - 09.9 % below [4]		Design Load					

Functional Details

Average Daily Traffic	130	Average daily truck traffi	0	%	Year	2013	Future average daily traffic	159	Year	2033
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	4.9 m = 16.1 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	Work done by	Work to be done by contract [1]		
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	909000	Roadway improvement cost	91000
	Length of structure improvement	25.6 m = 84.0 ft	Total project cost	1365000
	Year of improvement cost estimate	2013		
	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	Fair [5]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Poor [4]		
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	Better than present minimum criteria [7]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	39.4
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	Every year [Y12]	Other special inspection date	May 2013 [0513]