

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] Warren County [041] Greenwich [28260] 100 FT SOUTH OF NJ RT 173 40-39-19 = 40.655278 075-05-19 = - 75.088611

2100718 Highway agency district 2 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route 579 CR 579 (CHURCH ST) Toll On free road [3] Features intersected MUSCONETCONG RIVER

Design - main Steel [3] Design - approach Other [00] Kilometerpoint 5986.8 km = 3711.8 mi

1 Stringer/Multi-beam or girder [02] 0 Other [00] Year built 1892 Year reconstructed 1995

Skew angle 16 Structure Flared

Historical significance Bridge is eligible for the NRHP. [2]

Total length 34.1 m = 111.9 ft Length of maximum span 32 m = 105.0 ft Deck width, out-to-out 12.1 m = 39.7 ft Bridge roadway width, curb-to-curb 8.5 m = 27.9 ft

Inventory Route, Total Horizontal Clearance 8.5 m = 27.9 ft Curb or sidewalk width - left 1.5 m = 4.9 ft Curb or sidewalk width - right 1.5 m = 4.9 ft

Deck structure type Concrete Cast-in-Place [1]

Type of wearing surface Monolithic Concrete (concurrently placed with structural deck) [1]

Deck protection Epoxy Coated Reinforcing [1]

Type of membrane/wearing surface

Weight Limits

Bypass, detour length 0.2 km = 0.1 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 51.7 metric ton = 56.9 tons

Method to determine operating rating Load Factor(LF) [1] Operating rating 86.2 metric ton = 94.8 tons

Bridge posting Equal to or above legal loads [5] Design Load MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic	<input type="text" value="4352"/>	Average daily truck traffi	<input type="text" value="3"/>	%	Year	<input type="text" value="2003"/>	Future average daily traffic	<input type="text" value="5700"/>	Year	<input type="text" value="2029"/>
Road classification	<input type="text" value="Collector (Urban) [17]"/>	Lanes on structure	<input type="text" value="2"/>	Approach roadway width	<input type="text" value="8.5 m = 27.9 ft"/>					
Type of service on bridge	<input type="text" value="Highway-pedestrian [5]"/>	Direction of traffic	<input type="text" value="2 - way traffic [2]"/>			Bridge median	<input type="text"/>			
Parallel structure designation	<input type="text" value="No parallel structure exists. [N]"/>									
Type of service under bridge	<input type="text" value="Waterway [5]"/>	Lanes under structure	<input type="text" value="0"/>	Navigation control	<input type="text"/>					
Navigation vertical clearanc	<input type="text" value="0 = N/A"/>		Navigation horizontal clearance	<input type="text" value="0 = N/A"/>						
Minimum navigation vertical clearance, vertical lift bridge	<input type="text"/>			Minimum vertical clearance over bridge roadway	<input type="text" value="5.16 m = 16.9 ft"/>					
Minimum lateral underclearance reference feature	<input type="text" value="Feature not a highway or railroad [N]"/>									
Minimum lateral underclearance on right	<input type="text" value="0 = N/A"/>				Minimum lateral underclearance on left	<input type="text" value="0 = N/A"/>				
Minimum Vertical Underclearance	<input type="text" value="0 = N/A"/>		Minimum vertical underclearance reference feature	<input type="text" value="Feature not a highway or railroad [N]"/>						
Appraisal ratings - underclearances	<input type="text" value="N/A [N]"/>									

Repair and Replacement Plans

Type of work to be performed	<input type="text"/>									
<input type="text"/>	Work done by	<input type="text"/>								
	Bridge improvement cost	<input type="text" value="0"/>	Roadway improvement cost	<input type="text" value="0"/>						
	Length of structure improvement	<input type="text" value="0 m = 0.0 ft"/>		Total project cost	<input type="text" value="0"/>					
	Year of improvement cost estimate	<input type="text"/>								
	Border bridge - state	<input type="text"/>			Border bridge - percent responsibility of other state	<input type="text"/>				
	Border bridge - structure number	<input type="text"/>								

Inspection and Sufficiency

Structure status	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Better than present minimum criteria [7]"/>
Condition ratings - superstructure	<input type="text" value="Good [7]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present minimum criteria [6]"/>
Condition ratings - substructure	<input type="text" value="Good [7]"/>	Appraisal ratings - deck geometry	<input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>
Condition ratings - deck	<input type="text" value="Good [7]"/>		
Scour	<input type="text" value="Countermeasures have been installed to mitigate an existing problem with scour. [7]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Superior to present desirable criteria [9]"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="82.5"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - transitions	<input type="text" value="Not applicable or a safety feature is not required. [N]"/>		
Traffic safety features - approach guardrail	<input type="text" value="Not applicable or a safety feature is not required. [N]"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Not applicable or a safety feature is not required. [N]"/>		
Inspection date	<input type="text" value="May 2009 [0509]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>