

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.  
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**Basic Information**

New Jersey [34]	Warren County [041]	Washington [77300]	.1 MILE NO. OF CO RT 645	40-43-13 = 40.720278	074-57-48 = - 74.963333
2102225	Highway agency district 1	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 0	RYMON RD	Toll On free road [3]	Features intersected	MUSCONETCONG RIVER	
Design - main 1	Aluminum, Wrought Iron or Cast Iron [9] Truss - Thru [10]	Design - approach 0	Other [00]	Kilometerpoint 0 km = 0.0 mi	Year built 1868
				Year reconstructed 1991	Skew angle 0
				Structure Flared	Historical significance Bridge is on the NRHP. [1]
Total length 25.9 m = 85.0 ft	Length of maximum span 24.4 m = 80.1 ft	Deck width, out-to-out 5.2 m = 17.1 ft	Bridge roadway width, curb-to-curb 4.9 m = 16.1 ft	Inventory Route, Total Horizontal Clearance 4.9 m = 16.1 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 Other [9]				
	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	5.4 metric ton = 5.9 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	9.1 metric ton = 10.0 tons
	Bridge posting		Design Load	

### Functional Details

Average Daily Traffic	360	Average daily truck traffi	0	%	Year	2009	Future average daily traffic	432	Year	2029
Road classification	Local (Urban) [19]		Lanes on structure	1		Approach roadway width	5.8 m = 19.0 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			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	1000	Roadway improvement cost	0						
	Length of structure improvement	36.6 m = 120.1 ft		Total project cost	2000					
	Year of improvement cost estimate	2005								
	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 replacement [2]

Condition ratings - superstructure

Poor [4]

Appraisal ratings -  
roadway alignment

Basically intolerable requiring high priority of corrective action [3]

Condition ratings - substructure

Satisfactory [6]

Appraisal ratings -  
deck geometry

Basically intolerable requiring high priority of replacement [2]

Condition ratings - deck

Satisfactory [6]

Scour

Bridge is scour critical; bridge foundations determined to be unstable. [3]

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

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

20

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

June 2009 [0609]

Designated inspection frequency

24

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Every two years [Y24]

Fracture critical inspection date

June 2009 [0609]

Other special inspection

Every year [Y12]

Other special inspection date

June 2009 [0609]