

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] Hunterdon County [019] Holland [32460] 0.2MI. S.OF W.CO.RT.627 40-36-24 = 40.606667 075-10-15 = - 75.170833

10XXH64 Highway agency district 2 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route 0 MOUNT JOY ROAD Toll On free road [3] Features intersected MUSCONETCONG RIVER

Design - main Steel [3] Design - approach Other [00] Kilometerpoint 0 km = 0.0 mi

1 Truss - Thru [10] 0 Other [00] Year built 1890 Year reconstructed 2009

Skew angle 0 Structure Flared

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

Total length 32.3 m = 106.0 ft Length of maximum span 31.1 m = 102.0 ft Deck width, out-to-out 5 m = 16.4 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 Corrugated Steel [6]

Type of wearing surface Bituminous [6]

Deck protection

Type of membrane/wearing surface Preformed Fabric [2]

**Weight Limits**

Bypass, detour length 0.3 km = 0.2 mi Method to determine inventory rating Allowable Stress(AS) [2] Inventory rating 24.5 metric ton = 27.0 tons

Method to determine operating rating Allowable Stress(AS) [2] Operating rating 41.7 metric ton = 45.9 tons

Bridge posting Equal to or above legal loads [5] Design Load

### Functional Details

|   |                                       |                            |   |   |      |  |                              |     |      |      |
|---|---------------------------------------|----------------------------|---|---|------|--|------------------------------|-----|------|------|
| Average Daily Traffic                                       | 600                                   | Average daily truck traffi | 0   | %                                       | Year | 2009                                   | Future average daily traffic | 720 | Year | 2029 |
| Road classification   | Local (Rural) [09]                    |                            | Lanes on structure                                | 1                                       |      | Approach roadway width                 | 6.1 m = 20.0 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    | 3.48 m = 11.4 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           | 954000            | Roadway improvement cost        | 40000              |   |  |  |  |  |  |
|   | Length of structure improvement   | 32.3 m = 106.0 ft |                                 | Total project cost | 1270000   |  |  |  |  |  |
|   | 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

Posted for load [P]

Appraisal ratings -  
structural

Equal to present minimum criteria [6]

Condition ratings - superstructure

Good [7]

Appraisal ratings -  
roadway alignment

Better than present minimum criteria [7]

Condition ratings - substructure

Good [7]

Appraisal ratings -  
deck geometry

Basically intolerable requiring high priority of replacement [2]

Condition ratings - deck

Excellent [9]

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 desirable criteria [8]

Status evaluation

Pier or abutment protection

Sufficiency rating

66.2

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

August 2009 [0809]

Designated inspection frequency

24

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Every two years [Y24]

Fracture critical inspection date

August 2009 [0809]

Other special inspection

Every year [Y12]

Other special inspection date

August 2009 [0809]