

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] Bethlehem [05650] 0.5 MILES WEST OF HAMPTON 40-42-15 = 40.704167 074-59-15 = - 74.987500

10XXB26 Highway agency district 2 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

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

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

2 Girder and floorbeam system [03] 0 Other [00] Year built #Num! Year reconstructed 2006

Skew angle 0 Structure Flared

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

Total length 31.7 m = 104.0 ft Length of maximum span 15.9 m = 52.2 ft Deck width, out-to-out 4.1 m = 13.5 ft Bridge roadway width, curb-to-curb 3.7 m = 12.1 ft

Inventory Route, Total Horizontal Clearance 3.7 m = 12.1 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

Type of membrane/wearing surface

**Weight Limits**

Bypass, detour length 0.3 km = 0.2 mi Method to determine inventory rating Allowable Stress(AS) [2] Inventory rating 14.5 metric ton = 16.0 tons

Method to determine operating rating Allowable Stress(AS) [2] Operating rating 25.4 metric ton = 27.9 tons

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

### Functional Details

Average Daily Traffic  Average daily truck traffi  % Year  Future average daily traffic  Year

Road classification  Lanes on structure  Approach roadway width

Type of service on bridge  Direction of traffic  Bridge median

Parallel structure designation

Type of service under bridge  Lanes under structure  Navigation control

Navigation vertical clearanc  Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge  Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right  Minimum lateral underclearance on left

Minimum Vertical Underclearance  Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

### Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost  Roadway improvement cost

Length of structure improvement  Total project cost

Year of improvement cost estimate

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

Satisfactory [6]

Scour

Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]

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

Better than present minimum criteria [7]

Status evaluation

Pier or abutment protection

Sufficiency rating

44.1

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]