

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] | Raritan [61920] | .1 MI EAST OF ROUTE202-31 | 40-28-46.70 = 40.479639 | 074-51-28.00 = -74.857778 |
| 10XXQ48 | Highway agency district 2 | Owner County Highway Agency [02] | Maintenance responsibility | County Highway Agency [02] | |
| Route 0 | KUHLS ROAD | Toll On free road [3] | Features intersected | BR OF NESHANIC RIVER | |
| Design - main 1 | Steel [3] Truss - Thru [10] | Design - approach 0 | Other [00] | Kilometerpoint 0 km = 0.0 mi | Year built 1936 Year reconstructed N/A [0000] |
| | | | | Skew angle 32 | Structure Flared |
| | | | | Historical significance Bridge is eligible for the NRHP. [2] | |
| Total length | 19.5 m = 64.0 ft | Length of maximum span | 18.6 m = 61.0 ft | Deck width, out-to-out | 5.9 m = 19.4 ft |
| Bridge roadway width, curb-to-curb | 5.5 m = 18.0 ft | Inventory Route, Total Horizontal Clearance | 5.5 m = 18.0 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 | Method to determine inventory rating | Load Factor(LF) [1] | Inventory rating | 13.6 metric ton = 15.0 tons |
| 0.3 km = 0.2 mi | Method to determine operating rating | Load Factor(LF) [1] | Operating rating | 22.7 metric ton = 25.0 tons |
| | Bridge posting | 20.0 - 29.9 % below [2] | Design Load | |

Functional Details

| | | | | | | | | | | |
|---|---------------------------------------|----------------------------|---|--|--|------------------------|------------------------------|-----|------|------|
| Average Daily Traffic | 373 | Average daily truck traffi | 3 | % | Year | 2013 | Future average daily traffic | 455 | Year | 2033 |
| Road classification | Local (Rural) [09] | | Lanes on structure | 1 | | Approach roadway width | 6.7 m = 22.0 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 | 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 | 545000 | Roadway improvement cost | 75000 | | | | | | |
| | Length of structure improvement | 21 m = 68.9 ft | | Total project cost | 760000 | | | | | |
| | Year of improvement cost estimate | 2007 | | | | | | | | |
| | 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 | Satisfactory [6] | Appraisal ratings - roadway alignment | Meets minimum tolerable limits to be left in place as is [4] |
| Condition ratings - substructure | Poor [4] | Appraisal ratings - deck geometry | Basically intolerable requiring high priority of corrective action [3] |
| Condition ratings - deck | Fair [5] | | |
| Scour | Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4] | | |
| 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 | Equal to present minimum criteria [6] | Status evaluation | Structurally deficient [1] |
| Pier or abutment protection | | Sufficiency rating | 34.3 |
| 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 2013 [0613] | 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 2013 [0613] |
| Other special inspection | Every year [Y12] | Other special inspection date | June 2013 [0613] |