

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 York [36] | Ulster County [111] | Esopus [24691] | JCT RTE 213+RONDOUT CR | 41-53-42.44 = 41.895122 | 074-01-08.88 = -74.019133 |
| 1041200 | Highway agency district: 86 | Owner State Highway Agency [01] | Maintenance responsibility | State Highway Agency [01] | |
| Route 213 | RTE 213 | Toll On free road [3] | Features intersected | RONDOUT CREEK | |
| Design - main 1 | Steel [3] Arch - Thru [12] | Design - approach 0 | Other [00] | Kilometerpoint 3824.6 km = 2371.3 mi | Year built 1957 Year reconstructed 2017 |
| | | | | Skew angle 0 | Structure Flared |
| | | | | Historical significance Bridge is eligible for the NRHP. [2] | |
| Total length | 105.5 m = 346.1 ft | Length of maximum span | 103.6 m = 339.9 ft | Deck width, out-to-out | 14.6 m = 47.9 ft |
| Bridge roadway width, curb-to-curb | 9.2 m = 30.2 ft | Inventory Route, Total Horizontal Clearance | 9.1 m = 29.9 ft | Curb or sidewalk width - left | 1.6 m = 5.2 ft |
| | | | | Curb or sidewalk width - right | 1.6 m = 5.2 ft |
| Deck structure type | Concrete Cast-in-Place [1] | | | | |
| Type of wearing surface | Bituminous [6] | | | | |
| Deck protection | | | | | |
| Type of membrane/wearing surface | | | | | |

Weight Limits

| | | | | |
|-----------------------|--------------------------------------|---------------------|------------------|-----------------------------|
| Bypass, detour length | Method to determine inventory rating | Load Factor(LF) [1] | Inventory rating | 28.1 metric ton = 30.9 tons |
| 1.6 km = 1.0 mi | Method to determine operating rating | Load Factor(LF) [1] | Operating rating | 47.2 metric ton = 51.9 tons |
| Bridge posting | Equal to or above legal loads [5] | | Design Load | MS 18 / HS 20 [5] |

Functional Details

| | | | | | | | | | |
|---|---------------------------------------|----------------------------|---|--|-----------------|------------------------------|------|------|------|
| Average Daily Traffic | 2300 | Average daily truck traffi | 8 % | Year | 2016 | Future average daily traffic | 2323 | Year | 2038 |
| Road classification | Minor Arterial (Urban) [16] | Lanes on structure | 2 | Approach roadway width | 9.1 m = 29.9 ft | | | | |
| Type of service on bridge | Highway-pedestrian [5] | Direction of traffic | 2 - way traffic [2] | | 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 | 4.57 m = 15.0 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] | | | | | |
| Widening of existing bridge with deck rehabilitation or replacement. [34] | Bridge improvement cost | 13544000 | Roadway improvement cost | 7931000 | | | |
| | Length of structure improvement | 105.4 m = 345.8 ft | | Total project cost | 21475000 | | |
| | Year of improvement cost estimate | 2018 | | | | | |
| | Border bridge - state | | | Border bridge - percent responsibility of other state | | | |
| | Border bridge - structure number | | | | | | |

Inspection and Sufficiency

| | | | |
|---|--|---------------------------------------|--|
| Structure status | Posted for other load-capacity restriction [R] | Appraisal ratings - structural | Equal to present minimum criteria [6] |
| Condition ratings - superstructure | Very Good [8] | Appraisal ratings - roadway alignment | Meets minimum tolerable limits to be left in place as is [4] |
| Condition ratings - substructure | Satisfactory [6] | Appraisal ratings - deck geometry | Meets minimum tolerable limits to be left in place as is [4] |
| 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 minimum criteria [6] | Status evaluation | |
| Pier or abutment protection | | Sufficiency rating | 81.4 |
| Culverts | Not applicable. Used if structure is not a culvert. [N] | | |
| Traffic safety features - railings | Inspected feature meets currently acceptable standards. [1] | | |
| Traffic safety features - transitions | | | |
| Traffic safety features - approach guardrail | Inspected feature meets currently acceptable standards. [1] | | |
| Traffic safety features - approach guardrail ends | | | |
| Inspection date | November 2017 [1117] | Designated inspection frequency | 24 Months |
| Underwater inspection | Not needed [N] | Underwater inspection date | |
| Fracture critical inspection | Not needed [N] | Fracture critical inspection date | |
| Other special inspection | Not needed [N] | Other special inspection date | |