

HistoricBridges.org - National Bridge Inventory Data Sheet

2010 Inventory

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] | Steuben County [101] | Corning [18256] | IN CORNING | 42-08-52 = 42.147778 | 077-03-39 = - 77.060833 |
| 2218090 | Highway agency district 64 | Owner City or Municipal Highway Agency [04] | Maintenance responsibility City or Municipal Highway Agency [04] | | |
| Route 0 | | BRIDGE STREET | Toll On free road [3] | Features intersected | CHEMUNG RIVER |
| Design - main | Steel continuous [4] | Design - approach | | Kilometerpoint | 0 km = 0.0 mi |
| 3 | Truss - Thru [10] | 0 | Other [00] | Year built | 1937 |
| | | | | Year reconstructed | 1999 |
| | | | | Skew angle | 0 |
| | | | | Structure Flared | |
| | | | | Historical significance | Historical significance is not determinable at this time. [4] |
| Total length | 178.6 m = 586.0 ft | Length of maximum span | 67.9 m = 222.8 ft | Deck width, out-to-out | 13 m = 42.7 ft |
| Inventory Route, Total Horizontal Clearance | 11.3 m = 37.1 ft | Curb or sidewalk width - left | 1.8 m = 5.9 ft | Curb or sidewalk width - right | 1.8 m = 5.9 ft |
| Deck structure type | Concrete Cast-in-Place [1] | | | | |
| Type of wearing surface | Integral Concrete (separate non-modified layer of concrete added to structural deck) [2] | | | | |
| Deck protection | Epoxy Coated Reinforcing [1] | | | | |
| Type of membrane/wearing surface | | | | | |

Weight Limits

| | | | | |
|-----------------------|--------------------------------------|-----------------------------------|------------------|-----------------------------|
| Bypass, detour length | Method to determine inventory rating | Load Factor(LF) [1] | Inventory rating | 37.2 metric ton = 40.9 tons |
| 0.1 km = 0.1 mi | Method to determine operating rating | Load Factor(LF) [1] | Operating rating | 65.3 metric ton = 71.8 tons |
| | Bridge posting | Equal to or above legal loads [5] | Design Load | MS 18 / HS 20 [5] |

Functional Details

| | | | | | | | | | | |
|---|---------------------------------------|----------------------------|---|---------------------------------------|------|--|------------------------------|-------|------|------|
| Average Daily Traffic | 10595 | Average daily truck traffi | 5 | % | Year | 2009 | Future average daily traffic | 13804 | Year | 2029 |
| Road classification | Collector (Urban) [17] | | Lanes on structure | 2 | | Approach roadway width | 11.2 m = 36.7 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 | 4.52 m = 14.8 ft | | | |
| Minimum lateral underclearance reference feature | Feature not a highway or railroad [N] | | | | | | | | | |
| Minimum lateral underclearance on right | 99.9 = Unlimited | | | | | 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 | 333000 | Roadway improvement cost | 198000 |
| | Length of structure improvement | 178.6 m = 586.0 ft | Total project cost | 531000 |
| | 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 | Open, no restriction [A] | Appraisal ratings - structural | Equal to present minimum criteria [6] |
| Condition ratings - superstructure | Satisfactory [6] | Appraisal ratings - roadway alignment | Equal to present minimum criteria [6] |
| Condition ratings - substructure | Satisfactory [6] | Appraisal ratings - deck geometry | Meets minimum tolerable limits to be left in place as is [4] |
| Condition ratings - deck | Very Good [8] | | |
| Scour | Bridge foundations determined to be stable for the assessed or calculated scour condition. [8] | | |
| Channel and channel protection | Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8] | | |
| Appraisal ratings - water adequacy | Equal to present minimum criteria [6] | Status evaluation | |
| Pier or abutment protection | | Sufficiency rating | 92.5 |
| 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 | Inspected feature meets currently acceptable standards. [1] | | |
| Inspection date | September 2009 [0909] | Designated inspection frequency | 24 Months |
| Underwater inspection | Unknown [Y60] | Underwater inspection date | May 1994 [0594] |
| Fracture critical inspection | Every two years [Y24] | Fracture critical inspection date | September 2009 [0909] |
| Other special inspection | Not needed [N] | Other special inspection date | |