

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] Erwin [24647] 4.0 MI SW OF CORNING 42-06-24 = 42.106667 077-08-44 = - 77.145556

3255800 Highway agency district 64 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route 0 COUNTY ROAD 73 Toll On free road [3] Features intersected CANISTEO RIVER

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

1 Truss - Thru [10] 0 Other [00] Year built 1933 Year reconstructed N/A [0000]

Skew angle 0 Structure Flared

Historical significance Bridge is not eligible for the NRHP. [5]

Total length 66.1 m = 216.9 ft Length of maximum span 64 m = 210.0 ft Deck width, out-to-out 7.1 m = 23.3 ft Bridge roadway width, curb-to-curb 6.7 m = 22.0 ft

Inventory Route, Total Horizontal Clearance 6.7 m = 22.0 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 0 m = 0.0 ft

Deck structure type Concrete Cast-in-Place [1]

Type of wearing surface Integral Concrete (separate non-modified layer of concrete added to structural deck) [2]

Deck protection

Type of membrane/wearing surface

Weight Limits

Bypass, detour length 0.3 km = 0.2 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 34.5 metric ton = 38.0 tons

Method to determine operating rating Load Factor(LF) [1] Operating rating 57.2 metric ton = 62.9 tons

Bridge posting Equal to or above legal loads [5] Design Load M 18 / H 20 [4]

Functional Details

| | | | | | | | | | | |
|---|---------------------------------------|----------------------------|---|---------------------------------------|------|--|------------------------------|------|------|------|
| Average Daily Traffic | 1594 | Average daily truck traffi | 6 | % | Year | 2009 | Future average daily traffic | 2085 | Year | 2029 |
| Road classification | Local (Rural) [09] | | Lanes on structure | 2 | | Approach roadway width | 6.7 m = 22.0 ft | | | |
| Type of service on bridge | Highway [1] | | 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 | 1062000 | Roadway improvement cost | 632000 | | | | | | |
| | Length of structure improvement | 66.1 m = 216.9 ft | | Total project cost | 1694000 | | | | | |
| | 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 | <input type="text" value="Open, no restriction [A]"/> | Appraisal ratings - structural | <input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/> |
| Condition ratings - superstructure | <input type="text" value="Fair [5]"/> | Appraisal ratings - roadway alignment | <input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/> |
| Condition ratings - substructure | <input type="text" value="Good [7]"/> | Appraisal ratings - deck geometry | <input type="text" value="Basically intolerable requiring high priority of corrective action [3]"/> |
| Condition ratings - deck | <input type="text" value="Very Good [8]"/> | | |
| Scour | <input type="text" value="Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]"/> | | |
| Channel and channel protection | <input type="text" value="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 | <input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/> | Status evaluation | <input type="text" value="Functionally obsolete [2]"/> |
| Pier or abutment protection | <input type="text"/> | Sufficiency rating | <input type="text" value="61.6"/> |
| Culverts | <input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/> | | |
| Traffic safety features - railings | <input type="text"/> | | |
| Traffic safety features - transitions | <input type="text"/> | | |
| Traffic safety features - approach guardrail | <input type="text" value="Inspected feature meets currently acceptable standards. [1]"/> | | |
| Traffic safety features - approach guardrail ends | <input type="text" value="Inspected feature meets currently acceptable standards. [1]"/> | | |
| Inspection date | <input type="text" value="August 2009 [0809]"/> | Designated inspection frequency | <input type="text" value="24"/> Months |
| Underwater inspection | <input type="text" value="Not needed [N]"/> | Underwater inspection date | <input type="text"/> |
| Fracture critical inspection | <input type="text" value="Every two years [Y24]"/> | Fracture critical inspection date | <input type="text" value="August 2009 [0809]"/> |
| Other special inspection | <input type="text" value="Not needed [N]"/> | Other special inspection date | <input type="text"/> |