

HistoricBridges.org - National Bridge Inventory Data Sheet

1992 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] | Otsego County [077] | Otsego [55695] | 1.0 MI S OF TODDSVILLE | 42-41-00 = 42.683333 | 074-57-30 = - 74.958333 |
| 2227960 | Highway agency district: 94 | Owner: Town or Township Highway Agency [03] | Maintenance responsibility: Town or Township Highway Agency [03] | | |
| Route 0 | LOWER TODDSVILLE | Toll: On free road [3] | Features intersected: OAKS CREEK | | |
| Design - main: Aluminum, Wrought Iron or Cast Iron [9] | Design - approach: Other [00] | Kilometerpoint: | Year built: #Num! | Year reconstructed: 1975 | |
| 1 | Truss - Thru [10] | 0 | Skew angle: 0 | Structure Flared: | |
| | | Historical significance: Bridge is not eligible for the NRHP. [5] | | | |
| Total length: 22.6 m = 74.2 ft | Length of maximum span: 21.9 m = 71.9 ft | Deck width, out-to-out: 4.3 m = 14.1 ft | Bridge roadway width, curb-to-curb: 4.2 m = 13.8 ft | | |
| Inventory Route, Total Horizontal Clearance: 4.2 m = 13.8 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: Wood or Timber [7] | | | | | |
| Deck protection: | | | | | |
| Type of membrane/wearing surface: | | | | | |

Weight Limits

| | | |
|---|---------------------------------------|---|
| Bypass, detour length: 0.3 km = 0.2 mi | Method to determine inventory rating: | Inventory rating: 0 metric ton = 0.0 tons |
| | Method to determine operating rating: | Operating rating: 3.6 metric ton = 4.0 tons |
| Bridge posting: 20.0 - 29.9 % below [2] | Design Load: | |

Functional Details

| | | | | | | | | | | |
|---|---------------------------------------|----------------------------|---|---------------------------------------|------|--|------------------------------|-----|------|------|
| Average Daily Traffic | 65 | Average daily truck traffi | 10 | % | Year | 1991 | Future average daily traffic | 801 | Year | 2010 |
| Road classification | Local (Rural) [09] | | Lanes on structure | 1 | | Approach roadway width | 4.3 m = 14.1 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 | 3.02 m = 9.9 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 | 355000 | Roadway improvement cost | 41000 | | | | | | |
| | Length of structure improvement | 40.8 m = 133.9 ft | | Total project cost | 619000 | | | | | |
| | 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 | Basically intolerable requiring high priority of replacement [2] |
| Condition ratings - superstructure | Serious [3] | Appraisal ratings - roadway alignment | Meets minimum tolerable limits to be left in place as is [4] |
| Condition ratings - substructure | Serious [3] | Appraisal ratings - deck geometry | Basically intolerable requiring high priority of replacement [2] |
| Condition ratings - deck | Fair [5] | | |
| Scour | Scour calculation/evaluation has not been made. [6] | | |
| Channel and channel protection | Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6] | | |
| Appraisal ratings - water adequacy | Somewhat better than minimum adequacy to tolerate being left in place as is [5] | Status evaluation | Structurally deficient [1] |
| Pier or abutment protection | | Sufficiency rating | 15.2 |
| Culverts | Not applicable. Used if structure is not a culvert. [N] | | |
| Traffic safety features - railings | | | |
| Traffic safety features - transitions | Not applicable or a safety feature is not required. [N] | | |
| Traffic safety features - approach guardrail | | | |
| Traffic safety features - approach guardrail ends | Inspected feature meets currently acceptable standards. [1] | | |
| Inspection date | July 1991 [0791] | Designated inspection frequency | 24 Months |
| Underwater inspection | Not needed [N] | Underwater inspection date | |
| Fracture critical inspection | Every two years [Y24] | Fracture critical inspection date | July 1991 [0791] |
| Other special inspection | Not needed [N] | Other special inspection date | |