# HistoricBridges.org - National Bridge Inventory Data Sheet

**1992 Inventory**

The National Bridge Inventory contains data submitted by state transportion 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] | Montgomery County [057] | Minden [47614] | 33MI W ST JOHN+N 90I | 42-59-42 = 42.995000 | 074-44-18 = -74.738333 |

| | | | | | |
|---|---|---|---|---|---|
| 4425030 | Highway agency district: 25 | Owner: State Highway Agency [01] | Maintenance responsibility: State Highway Agency [01] | | |
| Route: 0 | | COUNTY RD 65 | Toll: On free road [3] | Features intersected: BARGE CANAL | |

| | | | | | |
|---|---|---|---|---|---|
| Design - main | Steel [3] | Design - approach | Concrete [1] | Kilometerpoint | |
| 2 | Truss - Thru [10] | 3 | Slab [01] | Year built: 1910 | Year reconstructed: 1949 |
| | | | | Skew angle: 0 | Structure Flared: |
| | | | | Historical significance | Bridge is not eligible for the NRHP. [5] |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Total length | 109.4 m = 358.9 ft | Length of maximum span | 45.7 m = 149.9 ft | Deck width, out-to-out | 5 m = 16.4 ft | Bridge roadway width, curb-to-curb | 4.6 m = 15.1 ft |
| Inventory Route, Total Horizontal Clearance | 4.5 m = 14.8 ft | Curb or sidewalk width - left | 0 m = 0.0 ft | Curb or sidewalk width - right | 0 m = 0.0 ft | | |

| | |
|---|---|
| Deck structure type | Not applicable [N] |
| Type of wearing surface | Bituminous [6] |
| Deck protection | Not applicable (applies only to structures with no deck) [N] |
| Type of membrane/wearing surface | |

## Weight Limits

| | | | | | |
|---|---|---|---|---|---|
| Bypass, detour length | Method to determine inventory rating | | Inventory rating | 12.6 metric ton = 13.9 tons | |
| 0.5 km = 0.3 mi | Method to determine operating rating | | Operating rating | 18 metric ton = 19.8 tons | |
| | Bridge posting | 30.0 - 39.9 % below [1] | Design Load | M 18 / H 20 [4] | |

## Functional Details

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Average Daily Traffic | 500 | Average daily truck traffi | 10 % | Year | 1980 | Future average daily traffic | 6172 | 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 control on waterway (bridge permit required). [1] |
| Navigation vertical clearanc | 7 m = 23.0 ft | Navigation horizontal clearance | 13.1 m = 43.0 ft | | |
| Minimum navigation vertical clearance, vertical lift bridge | | Minimum vertical clearance over bridge roadway | 4.24 m = 13.9 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

Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]

| | | | |
|---|---|---|---|
| Work done by | Work to be done by contract [1] | | |
| Bridge improvement cost | 1336000 | Roadway improvement cost | 155000 |
| Length of structure improvement | 127.7 m = 419.0 ft | Total project cost | 2331000 |
| Year of improvement cost estimate | | | |
| Border bridge - state | | Border bridge - percent responsibility of other state | |
| Border bridge - structure number | | | |

## Inspection and Sufficiency

| | | | |
|---|---|---|---|
| Structure status | Bridge closed to all traffic [K] | Appraisal ratings - structural | |
| Condition ratings - superstructure | | Appraisal ratings - roadway alignment | Equal to present desirable criteria [8] |
| Condition ratings - substructure | Poor [4] | Appraisal ratings - deck geometry | |
| Condition ratings - deck | Serious [3] | | |

| | |
|---|---|
| Scour | Scour calculation/evaluation has not been made. [6] |
| 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 | Structurally deficient [1] |
| Pier or abutment protection | Navigation protection not required [1] | Sufficiency rating | 16.2 |

| | |
|---|---|
| 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 | |

| | | | | |
|---|---|---|---|---|
| Inspection date | July 1991 [0791] | Designated inspection frequency | 24 | Months |

| | | | |
|---|---|---|---|
| Underwater inspection | Unknown [Y60] | Underwater inspection date | August 1989 [0889] |
| Fracture critical inspection | Every two years [Y24] | Fracture critical inspection date | July 1991 [0791] |
| Other special inspection | Not needed [N] | Other special inspection date | |