

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.  
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**Basic Information**

New York [36] Jefferson County [045] Champion [13717] 7.0MI NW OF WEST CARTHAGE 43-59-14 = 43.987222 075-43-17 = - 75.721389

2220040 Highway agency district 73 Owner Town or Township Highway Agency [03] Maintenance responsibility Town or Township Highway Agency [03]

Route 0 TAYLOR ROAD Toll On free road [3] Features intersected MILL CREEK

Design - main Aluminum, Wrought Iron or Cast Iron [9] Design - approach Other [00] Kilometerpoint 0 km = 0.0 mi

1 Truss - Thru [10] 0 Other [00] Year built 1894 Year reconstructed N/A [0000]

Skew angle 0 Structure Flared

Historical significance Bridge is eligible for the NRHP. [2]

Total length 7.9 m = 25.9 ft Length of maximum span 7.3 m = 24.0 ft Deck width, out-to-out 4.9 m = 16.1 ft Bridge roadway width, curb-to-curb 4 m = 13.1 ft

Inventory Route, Total Horizontal Clearance 4 m = 13.1 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 0.1 km = 0.1 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 3.6 metric ton = 4.0 tons

Method to determine operating rating Load Factor(LF) [1] Operating rating 6.4 metric ton = 7.0 tons

Bridge posting 20.0 - 29.9 % below [2] Design Load

### Functional Details

|   |                                       |                            |   |   |  |                        |                              |     |      |      |
|---|---------------------------------------|----------------------------|---|---|--|------------------------|------------------------------|-----|------|------|
| Average Daily Traffic                                       | 136                                   | Average daily truck traffi | 8   | %                                       | Year                                   | 1999                   | Future average daily traffic | 163 | Year | 2019 |
| Road classification   | Local (Rural) [09]                    |                            | Lanes on structure                                | 1                                       |  | Approach roadway width | 3.6 m = 11.8 ft              |     |      |      |
| Type of service on bridge                                   | Highway [1]                           |                            | Direction of traffic                              | One lane bridge for 2 - way traffic [3] |  | 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    | 99.99 m = 328.1 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           | 88000                           | Roadway improvement cost | 52000              |   |  |  |  |  |  |
|   | Length of structure improvement   | 7.9 m = 25.9 ft                 |                          | Total project cost | 140000  |  |  |  |  |  |
|   | 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                                  | Posted for load [P]   | Appraisal ratings - structural        | Basically intolerable requiring high priority of corrective action [3] |
| Condition ratings - superstructure                | Poor [4]  | Appraisal ratings - roadway alignment | Meets minimum tolerable limits to be left in place as is [4]           |
| Condition ratings - substructure                  | Fair [5]  | Appraisal ratings - deck geometry     | Basically intolerable requiring high priority of replacement [2]       |
| Condition ratings - deck                          | Fair [5]  |                                       |  |
| Scour   | Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]  |                                       |  |
| 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                | Meets minimum tolerable limits to be left in place as is [4]  | Status evaluation                     | Structurally deficient [1]   |
| Pier or abutment protection                       |   | Sufficiency rating                    | 16.7   |
| 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                                   | April 2009 [0409]   | Designated inspection frequency       | 12 Months  |
| Underwater inspection                             | Not needed [N]  | Underwater inspection date            |  |
| Fracture critical inspection                      | Every year [Y12]  | Fracture critical inspection date     | April 2009 [0409]  |
| Other special inspection                          | Not needed [N]  | Other special inspection date         |  |