

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]   | Delaware County [025]  | Sidney [67334]                        | JCT RTE 8 + SUSQUEHANNA R          | 42-19-02.65 = 42.317403              | 075-23-38.97 = -75.394158 |
| 1004470   | Highway agency district: 93  | Owner County Highway Agency [02]      | Maintenance responsibility         | County Highway Agency [02]           |                           |
| Route 0   | MAIN STREET  | Toll On free road [3]                 | Features intersected               | SUSQUEHANNA RIVER                    |                           |
| Design - main Steel [3]                                     | Design - approach  | Kilometerpoint 45.1 km = 28.0 mi      | Year built 1936                    | Year reconstructed 1979              |                           |
| 3   | Truss - Thru [10]  | 0 Other [00]                          | Skew angle 25                      | Structure Flared                     |                           |
|   |  |                                       | Historical significance            | Bridge is eligible for the NRHP. [2] |                           |
| Total length 117.3 m = 384.9 ft                             | Length of maximum span 38.1 m = 125.0 ft   | Deck width, out-to-out 14 m = 45.9 ft | Bridge roadway width, curb-to-curb | 9.1 m = 29.9 ft                      |                           |
| Inventory Route, Total Horizontal Clearance 9.1 m = 29.9 ft | Curb or sidewalk width - left 1.9 m = 6.2 ft   | Curb or sidewalk width - right        | 1.9 m = 6.2 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 3.2 km = 2.0 mi | Method to determine inventory rating | Load Factor(LF) [1] | Inventory rating | 29.9 metric ton = 32.9 tons |
|                                       | Method to determine operating rating | Load Factor(LF) [1] | Operating rating | 50.8 metric ton = 55.9 tons |
| Bridge posting                        | Equal to or above legal loads [5]    | Design Load         |                  |                             |

### Functional Details

|   |                                       |                            |   |                                       |  |         |                              |      |      |      |
|---|---------------------------------------|----------------------------|---|---------------------------------------|--|---------|------------------------------|------|------|------|
| Average Daily Traffic                                       | 5694                                  | Average daily truck traffi | 4   | %                                     | Year                                   | 2017    | Future average daily traffic | 5750 | Year | 2038 |
| Road classification   | Collector (Urban) [17]                | Lanes on structure         | 2   | Approach roadway width                | 8.5 m = 27.9 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    | 99.99 m = 328.1 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] |                          |                    |   |  |  |  |  |  |
| Widening of existing bridge with deck rehabilitation or replacement. [34] | Bridge improvement cost           | 11404000                        | Roadway improvement cost | 6678000            |   |  |  |  |  |  |
|   | Length of structure improvement   | 117.3 m = 384.9 ft              |                          | Total project cost | 18082000  |  |  |  |  |  |
|   | Year of improvement cost estimate | 2018                            |                          |                    |   |  |  |  |  |  |
|   | 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        | Meets minimum tolerable limits to be left in place as is [4] |
| Condition ratings - superstructure                | Fair [5]  | Appraisal ratings - roadway alignment | Equal to present desirable criteria [8]                      |
| Condition ratings - substructure                  | Poor [4]  | Appraisal ratings - deck geometry     | Meets minimum tolerable limits to be left in place as is [4] |
| Condition ratings - deck                          | Satisfactory [6]  |                                       |  |
| 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 and embankment protection is severely undermined. River control devices have severe damage. Large deposits of debris are in the channel. [4] |                                       |  |
| 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                    | 37.7   |
| Culverts  | Not applicable. Used if structure is not a culvert. [N]   |                                       |  |
| Traffic safety features - railings                |   |                                       |  |
| Traffic safety features - transitions             | Inspected feature meets currently acceptable standards. [1]   |                                       |  |
| Traffic safety features - approach guardrail      | Inspected feature meets currently acceptable standards. [1]   |                                       |  |
| Traffic safety features - approach guardrail ends |   |                                       |  |
| Inspection date                                   | October 2018 [1018]   | Designated inspection frequency       | 24 Months  |
| Underwater inspection                             | Unknown [Y60]   | Underwater inspection date            | September 2018 [0918]  |
| Fracture critical inspection                      | Every two years [Y24]   | Fracture critical inspection date     | October 2018 [1018]  |
| Other special inspection                          | Not needed [N]  | Other special inspection date         |  |