

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**

|  |  |   |  |  |  |   |  |                          |  |                           |  |
|--|--|---|--|--|--|---|--|--------------------------|--|---------------------------|--|
| Pennsylvania [42]  |  | McKean County [083]                         |  | Norwich [55632]                              |  | 1000 FT WEST OF SR 46   |  | 41-41-11.40 = 41.686500  |  | 078-23-31.19 = -78.391997 |  |
| 25597  |  | Highway agency district: 2                  |  | Owner: Town or Township Highway Agency [03]  |  | Maintenance responsibility: Town or Township Highway Agency [03]  |  |                          |  |                           |  |
| Route 0  |  | T373 BREWER RUN RD                          |  | Toll: On free road [3]                       |  | Features intersected: POTATO CREEK                                |  |                          |  |                           |  |
| Design - main: Aluminum, Wrought Iron or Cast Iron [9]     |  | Design - approach: Other [00]               |  | Kilometerpoint: 0 km = 0.0 mi                |  | Year built: 1910  |  | Year reconstructed: 2014 |  |                           |  |
| 1  |  | Truss - Thru [10]                           |  | 0  |  | Skew angle: 0   |  | Structure Flared:        |  |                           |  |
|  |  |   |  |  |  | Historical significance: Bridge is not eligible for the NRHP. [5] |  |                          |  |                           |  |
| Total length: 21.3 m = 69.9 ft                             |  | Length of maximum span: 20.7 m = 67.9 ft    |  | Deck width, out-to-out: 4.3 m = 14.1 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: 0.3 km = 0.2 mi |  | Method to determine inventory rating: Load Factor(LF) [1] |  | Inventory rating: 7.3 metric ton = 8.0 tons   |  |
|  |  | Method to determine operating rating: Load Factor(LF) [1] |  | Operating rating: 12.7 metric ton = 14.0 tons |  |
| Bridge posting:                        |  | Design Load: MS 18 / HS 20 [5]                            |  |   |  |

### Functional Details

|   |                                       |                            |   |  |  |                 |                              |    |      |      |
|---|---------------------------------------|----------------------------|---|--|--|-----------------|------------------------------|----|------|------|
| Average Daily Traffic                                       | 40                                    | Average daily truck traffi |   | %  | Year                                   | 2018            | Future average daily traffic | 55 | Year | 2038 |
| 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                              | 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 | 0 m = 0.0 ft                          |                            |   | 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] |   |        |
| Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31] | Bridge improvement cost           | 33000                           | Roadway improvement cost                              | 100000 |
|   | Length of structure improvement   | 21 m = 68.9 ft                  | Total project cost                                    | 441000 |
|   | 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                | Poor [4]   | Appraisal ratings - roadway alignment | Equal to present desirable criteria [8]   |
| Condition ratings - substructure                  | Satisfactory [6]   | Appraisal ratings - deck geometry     | Somewhat better than minimum adequacy to tolerate being left in place as is [5] |
| 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 protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]   |                                       |   |
| Appraisal ratings - water adequacy                | Better than present minimum criteria [7]   | Status evaluation                     |   |
| Pier or abutment protection                       |  | Sufficiency rating                    | 25  |
| 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      |  |                                       |   |
| Traffic safety features - approach guardrail ends |  |                                       |   |
| Inspection date                                   | May 2018 [0518]  | Designated inspection frequency       | 24 Months   |
| Underwater inspection                             | Not needed [N]   | Underwater inspection date            |   |
| Fracture critical inspection                      | Every year [Y12]   | Fracture critical inspection date     | May 2018 [0518]   |
| Other special inspection                          | Every year [Y12]   | Other special inspection date         | May 2018 [0518]   |