

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**

|   |  |  |  |                               |                         |
|---|--|--|--|-------------------------------|-------------------------|
| Michigan [26]   | St. Clair County [147]                     | Greenwood [35220]                                  | SEC. 11-14 GREENWOOD TWP.                          | 43-08-04 = 43.134444          | 082-39-46 = - 82.662778 |
| 77200035000B020   | Highway agency district 7                  | Owner County Highway Agency [02]                   | Maintenance responsibility                         | County Highway Agency [02]    |                         |
| Route 7794  | YALE ROAD                                  | Toll On free road [3]                              | Features intersected                               | EVES DRAIN                    |                         |
| Design - main Concrete [1]                                | Design - approach                          | Kilometerpoint 2416.6 km = 1498.3 mi               | Year built 1922                                    | Year reconstructed N/A [0000] |                         |
| 1   | Girder and floorbeam system [03]           | 0  | Other [00]   | Skew angle 30                 | Structure Flared        |
|   |  | Historical significance Bridge is on the NRHP. [1] |  |                               |                         |
| Total length 15.2 m = 49.9 ft                             | Length of maximum span 14 m = 45.9 ft      | Deck width, out-to-out 7.5 m = 24.6 ft             | Bridge roadway width, curb-to-curb 6.1 m = 20.0 ft |                               |                         |
| Inventory Route, Total Horizontal Clearance 6 m = 19.7 ft | Curb or sidewalk width - left 0 m = 0.0 ft | Curb or sidewalk width - right 0 m = 0.0 ft        |  |                               |                         |
| Deck structure type                                       | Concrete Cast-in-Place [1]                 |  |  |                               |                         |
| Type of wearing surface                                   | Bituminous [6]                             |  |  |                               |                         |
| Deck protection   |  |  |  |                               |                         |
| Type of membrane/wearing surface                          |  |  |  |                               |                         |

**Weight Limits**

|                                       |                                      |                          |                           |                             |
|---------------------------------------|--------------------------------------|--------------------------|---------------------------|-----------------------------|
| Bypass, detour length 0.3 km = 0.2 mi | Method to determine inventory rating | Allowable Stress(AS) [2] | Inventory rating          | 18.2 metric ton = 20.0 tons |
|                                       | Method to determine operating rating | Allowable Stress(AS) [2] | Operating rating          | 32.7 metric ton = 36.0 tons |
| Bridge posting                        | Equal to or above legal loads [5]    | Design Load              | MS 18+Mod / HS 20+Mod [6] |                             |

### Functional Details

Average Daily Traffic  Average daily truck traffi  % Year  Future average daily traffic  Year

Road classification  Lanes on structure  Approach roadway width

Type of service on bridge  Direction of traffic  Bridge median

Parallel structure designation

Type of service under bridge  Lanes under structure  Navigation control

Navigation vertical clearanc  Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge  Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right  Minimum lateral underclearance on left

Minimum Vertical Underclearance  Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

### Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost  Roadway improvement cost

Length of structure improvement  Total project cost

Year of improvement cost estimate

Border bridge - state  Border bridge - percent responsibility of other state

Border bridge - structure number

## Inspection and Sufficiency

|   |  |                                       |  |
|---|--|---------------------------------------|--|
| Structure status                                  | <input type="text" value="Open, no restriction [A]"/>  | Appraisal ratings - structural        | <input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/> |
| Condition ratings - superstructure                | <input type="text" value="Satisfactory [6]"/>  | Appraisal ratings - roadway alignment | <input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>                    |
| Condition ratings - substructure                  | <input type="text" value="Fair [5]"/>  | Appraisal ratings - deck geometry     | <input type="text" value="Basically intolerable requiring high priority of corrective action [3]"/>          |
| Condition ratings - deck                          | <input type="text" value="Satisfactory [6]"/>  |                                       |  |
| Scour   | <input type="text" value="Bridge foundations determined to be stable for assessed or calculated scour condition. [5]"/>  |                                       |  |
| Channel and channel protection                    | <input type="text" value="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                | <input type="text" value="Equal to present minimum criteria [6]"/>   | Status evaluation                     | <input type="text" value="Functionally obsolete [2]"/>   |
| Pier or abutment protection                       | <input type="text"/>   | Sufficiency rating                    | <input type="text" value="50.3"/>  |
| Culverts  | <input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>   |                                       |  |
| Traffic safety features - railings                | <input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>   |                                       |  |
| Traffic safety features - transitions             | <input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>   |                                       |  |
| Traffic safety features - approach guardrail      | <input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>   |                                       |  |
| Traffic safety features - approach guardrail ends | <input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>   |                                       |  |
| Inspection date                                   | <input type="text" value="February 2009 [0209]"/>  | Designated inspection frequency       | <input type="text" value="24"/> Months   |
| Underwater inspection                             | <input type="text" value="Not needed [N]"/>  | Underwater inspection date            | <input type="text"/>   |
| Fracture critical inspection                      | <input type="text" value="Not needed [N]"/>  | Fracture critical inspection date     | <input type="text"/>   |
| Other special inspection                          | <input type="text" value="Not needed [N]"/>  | Other special inspection date         | <input type="text"/>   |