

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   |  |   |  |                          |                         |
|---|--|---|--|--------------------------|-------------------------|
| Minnesota [27]  | Le Sueur County [079]  | St. Peter [58036]                           | IN ST PETER  | 44-19-29 = 44.324722     | 093-57-12 = - 93.953333 |
| 4930  | Highway agency district 7  | Owner State Highway Agency [01]             | Maintenance responsibility State Highway Agency [01] |                          |                         |
| Route 99  | TH 99  | Toll On free road [3]                       | Features intersected MINNESOTA RIVER                 |                          |                         |
| Design - main Steel continuous [4]                          | Design - approach Concrete [1]                                     | Kilometerpoint 0 km = 0.0 mi                | Year built 1931                                      | Year reconstructed #Num! |                         |
| 2 Truss - Thru [10]   | 2 Other [00]   | Skew angle 0                                | Structure Flared                                     |                          |                         |
|   |  | Historical significance                     | Bridge is on the NRHP. [1]                           |                          |                         |
| Total length 122.6 m = 402.3 ft                             | Length of maximum span 59.8 m = 196.2 ft                           | Deck width, out-to-out 9.5 m = 31.2 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 0 m = 0.0 ft                         | Curb or sidewalk width - right 2 m = 6.6 ft |  |                          |                         |
| Deck structure type   | Concrete Cast-in-Place [1]   |   |  |                          |                         |
| Type of wearing surface                                     | Monolithic Concrete (concurrently placed with structural deck) [1] |   |  |                          |                         |
| Deck protection   | Epoxy Coated Reinforcing [1]                                       |   |  |                          |                         |
| Type of membrane/wearing surface                            |  |   |  |                          |                         |

| Weight Limits                                    |   |  |
|--|---|--|
| Bypass, detour length 0.8 km = 0.5 mi            | Method to determine inventory rating Allowable Stress(AS) [2] | Inventory rating 22.7 metric ton = 25.0 tons |
|  | Method to determine operating rating Allowable Stress(AS) [2] | Operating rating 37.2 metric ton = 40.9 tons |
| Bridge posting Equal to or above legal loads [5] | Design Load M 13.5 / H 15 [2]                                 |  |

### Functional Details

|   |                                       |                            |   |                                       |      |  |                              |      |      |      |  |
|---|---------------------------------------|----------------------------|---|---------------------------------------|------|--|------------------------------|------|------|------|--|
| Average Daily Traffic                                       | 5077                                  | Average daily truck traffi | 9   | %                                     | Year | 2008                                   | Future average daily traffic | 7000 | Year | 2029 |  |
| Road classification   | Minor Arterial (Urban) [16]           |                            | Lanes on structure                                | 2                                     |      | Approach roadway width                 | 12.2 m = 40.0 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    | 4.72 m = 15.5 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 relocation of road. [32] | Bridge improvement cost           | 1738000                         | Roadway improvement cost | 86000              |   |  |  |  |  |  |
|  | Length of structure improvement   | 123 m = 403.6 ft                |                          | Total project cost | 1291000   |  |  |  |  |  |
|  | Year of improvement cost estimate | 2006                            |                          |                    |   |  |  |  |  |  |
|  | 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="Fair [5]"/>   | Appraisal ratings - roadway alignment | <input type="text" value="Equal to present desirable criteria [8]"/>   |
| Condition ratings - substructure                  | <input type="text" value="Fair [5]"/>   | Appraisal ratings - deck geometry     | <input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>                    |
| Condition ratings - deck                          | <input type="text" value="Fair [5]"/>   |                                       |  |
| Scour   | <input type="text" value="Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]"/> |                                       |  |
| Channel and channel protection                    | <input type="text" value="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                | <input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>   | Status evaluation                     | <input type="text"/>   |
| Pier or abutment protection                       | <input type="text"/>  | Sufficiency rating                    | <input type="text" value="48.5"/>  |
| Culverts  | <input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>  |                                       |  |
| Traffic safety features - railings                | <input type="text"/>  |                                       |  |
| Traffic safety features - transitions             | <input type="text"/>  |                                       |  |
| Traffic safety features - approach guardrail      | <input type="text"/>  |                                       |  |
| Traffic safety features - approach guardrail ends | <input type="text" value="Not applicable or a safety feature is not required. [N]"/>  |                                       |  |
| Inspection date                                   | <input type="text" value="May 2011 [0511]"/>  | Designated inspection frequency       | <input type="text" value="12"/> Months   |
| Underwater inspection                             | <input type="text" value="Unknown [Y60]"/>  | Underwater inspection date            | <input type="text" value="May 2011 [0511]"/>   |
| Fracture critical inspection                      | <input type="text" value="Every two years [Y24]"/>  | Fracture critical inspection date     | <input type="text" value="May 2011 [0511]"/>   |
| Other special inspection                          | <input type="text" value="Not needed [N]"/>   | Other special inspection date         | <input type="text"/>   |