

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**

|   |  |   |  |                           |                         |
|---|--|---|--|---------------------------|-------------------------|
| Maine [23]  | Lincoln County [015]                         | Southport [71955]                             | 0.1 MI N OF JCT RTE 238                            | 43-50-33 = 43.842500      | 069-39-15 = - 69.654167 |
| 2789  | Highway agency district 2                    | Owner State Highway Agency [01]               | Maintenance responsibility                         | State Highway Agency [01] |                         |
| Route 27  | ROUTE 27                                     | Toll On free road [3]                         | Features intersected TOWNSEND GUT/ATLANTIC O       |                           |                         |
| Design - main Steel continuous [4]                          | Design - approach Steel [3]                  | Kilometerpoint 807.9 km = 500.9 mi            | Year built 1939                                    | Year reconstructed 1987   |                         |
| 2 Movable - Swing [17]                                      | 2 Stringer/Multi-beam or girder [02]         | Skew angle 0                                  | Structure Flared                                   |                           |                         |
|   |  | Historical significance                       | Bridge is eligible for the NRHP. [2]               |                           |                         |
| Total length 114 m = 374.0 ft                               | Length of maximum span 27.1 m = 88.9 ft      | Deck width, out-to-out 7 m = 23.0 ft          | Bridge roadway width, curb-to-curb 6.7 m = 22.0 ft |                           |                         |
| Inventory Route, Total Horizontal Clearance 6.4 m = 21.0 ft | Curb or sidewalk width - left 1.2 m = 3.9 ft | Curb or sidewalk width - right 0.2 m = 0.7 ft |  |                           |                         |
| Deck structure type   | Open Grating [3]                             |   |  |                           |                         |
| Type of wearing surface                                     |  |   |  |                           |                         |
| Deck protection   |  |   |  |                           |                         |
| Type of membrane/wearing surface                            |  |   |  |                           |                         |

**Weight Limits**

|  |                                      |                          |                  |                             |
|--|--------------------------------------|--------------------------|------------------|-----------------------------|
| Bypass, detour length 15.9 km = 9.9 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 | 32.7 metric ton = 36.0 tons |
| Bridge posting                         | Equal to or above legal loads [5]    | Design Load              | M 18 / H 20 [4]  |                             |

### 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                                  | Open, no restriction [A]  | Appraisal ratings - structural        | Equal to present minimum criteria [6]                            |
| Condition ratings - superstructure                | Satisfactory [6]  | Appraisal ratings - roadway alignment | Equal to present minimum criteria [6]                            |
| Condition ratings - substructure                  | Satisfactory [6]  | Appraisal ratings - deck geometry     | Basically intolerable requiring high priority of replacement [2] |
| Condition ratings - deck                          | Satisfactory [6]  |                                       |  |
| Scour   | Bridge over "tidal" waters that has not been evaluated for scour, but considered low risk. [T]  |                                       |  |
| 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                | Equal to present desirable criteria [8]   | Status evaluation                     | Functionally obsolete [2]  |
| Pier or abutment protection                       | In place and functioning [2]  | Sufficiency rating                    | 44.2   |
| Culverts  | Not applicable. Used if structure is not a culvert. [N]   |                                       |  |
| Traffic safety features - railings                |   |                                       |  |
| Traffic safety features - transitions             |   |                                       |  |
| Traffic safety features - approach guardrail      |   |                                       |  |
| Traffic safety features - approach guardrail ends | Inspected feature meets currently acceptable standards. [1]   |                                       |  |
| Inspection date                                   | August 2010 [0810]  | Designated inspection frequency       | 24 Months  |
| Underwater inspection                             | Unknown [Y60]   | Underwater inspection date            | November 2007 [1107]   |
| Fracture critical inspection                      | Every two years [Y24]   | Fracture critical inspection date     |  |
| Other special inspection                          | Not needed [N]  | Other special inspection date         |  |