

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

Massachusetts [25] Essex County [009] Ipswich [32310] .48 KM SOUTH CENTRAL ST 42-40-43 = 42.678611 070-50-08 = - 70.835556

I010052PMMUNNBI Highway agency district 4 Owner Town or Township Highway Agency [03] Maintenance responsibility Town or Township Highway Agency [03]

Route 0 HWY COUNTY RD Toll On free road [3] Features intersected WATER IPSWICH RIVER

Design - main Masonry [8] Design - approach Other [00] Kilometerpoint 344.4 km = 213.5 mi

1 Arch - Deck [11] 0 Other [00] Year built 1861 Year reconstructed N/A [0000]

Skew angle 0 Structure Flared Yes, flared [1]

Historical significance Bridge is eligible for the NRHP. [2]

Total length 7.9 m = 25.9 ft Length of maximum span 6.7 m = 22.0 ft Deck width, out-to-out 10.4 m = 34.1 ft Bridge roadway width, curb-to-curb 8.2 m = 26.9 ft

Inventory Route, Total Horizontal Clearance 8.7 m = 28.5 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 0 m = 0.0 ft

Deck structure type Not applicable [N]

Type of wearing surface Not applicable (applies only to structures with no deck) [N]

Deck protection Not applicable (applies only to structures with no deck) [N]

Type of membrane/wearing surface Not applicable (applies only to structures with no deck) [N]

Weight Limits

Bypass, detour length 0.2 km = 0.1 mi Method to determine inventory rating Allowable Stress(AS) [2] Inventory rating 99.9 metric ton = 109.9 tons

Method to determine operating rating Allowable Stress(AS) [2] Operating rating 99.9 metric ton = 109.9 tons

Bridge posting Equal to or above legal loads [5] Design Load

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="Better than present minimum criteria [7]"/> |
| Condition ratings - superstructure | <input type="text" value="Good [7]"/> | Appraisal ratings - roadway alignment | <input type="text" value="Equal to present minimum criteria [6]"/> |
| Condition ratings - substructure | <input type="text" value="Good [7]"/> | Appraisal ratings - deck geometry | <input type="text" value="Basically intolerable requiring high priority of replacement [2]"/> |
| Condition ratings - deck | <input type="text" value="Not Applicable [N]"/> | | |
| Scour | <input [u]"="" been="" evaluated="" for="" foundation="" has="" not="" scour.="" that="" type="text" unknown\"="" value="Bridge with \"/> | | |
| Channel and channel protection | <input type="text" value="Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]"/> | | |
| Appraisal ratings - water adequacy | <input type="text" value="Superior to present desirable criteria [9]"/> | Status evaluation | <input type="text" value="Functionally obsolete [2]"/> |
| Pier or abutment protection | <input type="text"/> | Sufficiency rating | <input type="text" value="77.4"/> |
| 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"/> | | |
| Inspection date | <input type="text" value="September 2010 [0910]"/> | Designated inspection frequency | <input type="text" value="24"/> Months |
| Underwater inspection | <input type="text" value="Unknown [Y36]"/> | Underwater inspection date | <input type="text" value="February 2010 [0210]"/> |
| 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"/> |