

HistoricBridges.org - National Bridge Inventory Data Sheet

2013 Inventory

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

| | | | | | |
|---|----------------------------|---------------------------------|----------------------------------|---|---|
| Florida [12] | Duval County [031] | Jacksonville [35000] | I-95 OVER MYRTLE AVE. | 30-19-44.37 = 30.328992 | 081-40-35.95 = -81.676653 |
| 720163 | Highway agency district 2 | Owner State Highway Agency [01] | Maintenance responsibility | State Highway Agency [01] | |
| Route 95 | | I-95 (SR-9) | Toll On free road [3] | Features intersected MYRTLE AVE/I-95/I-10 RMP | |
| Design - main | Steel [3] | Design - approach | Steel [3] | Kilometerpoint | 487.6 km = 302.3 mi |
| 1 | Arch - Thru [12] | 16 | Girder and floorbeam system [03] | Year built | 1955 |
| | | | | Year reconstructed | N/A [0000] |
| | | | | Skew angle | 99 |
| | | | | Structure Flared | |
| | | | | Historical significance | Bridge is possibly eligible for the NRHP. [3] |
| Total length | 436 m = 1430.5 ft | Length of maximum span | 117.5 m = 385.5 ft | Deck width, out-to-out | 26.6 m = 87.3 ft |
| Inventory Route, Total Horizontal Clearance | 12.1 m = 39.7 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 | | | | | |
| Deck protection | | | | | |
| Type of membrane/wearing surface | | | | | |

Weight Limits

| | | | | |
|-----------------------|--------------------------------------|--------------------------------------|------------------|-----------------------------|
| Bypass, detour length | Method to determine inventory rating | Load and Resistance Factor(LRFR) [3] | Inventory rating | 27.1 metric ton = 29.8 tons |
| 0.3 km = 0.2 mi | Method to determine operating rating | Load and Resistance Factor(LRFR) [3] | Operating rating | 35.3 metric ton = 38.8 tons |
| | Bridge posting | Equal to or above legal loads [5] | Design Load | MS 18 / HS 20 [5] |

Functional Details

| | | | | | | | | | | |
|---|--|----------------------------|---|-------------------------------|------|--|----------------------------------|--------|------|------|
| Average Daily Traffic | 137000 | Average daily truck traffi | 7 | % | Year | 2011 | Future average daily traffic | 237695 | Year | 2033 |
| Road classification | Principal Arterial - Interstate (Urban) [11] | | Lanes on structure | 4 | | Approach roadway width | 29.2 m = 95.8 ft | | | |
| Type of service on bridge | Highway [1] | | Direction of traffic | 2 - way traffic [2] | | Bridge median | Open median [1] | | | |
| Parallel structure designation | No parallel structure exists. [N] | | | | | | | | | |
| Type of service under bridge | Highway-railroad [4] | | Lanes under structure | 12 | | Navigation control | Not applicable, no waterway. [N] | | | |
| 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 | 7.32 m = 24.0 ft | | | |
| Minimum lateral underclearance reference feature | Highway beneath structure [H] | | | | | | | | | |
| Minimum lateral underclearance on right | 0.5 m = 1.6 ft | | | | | Minimum lateral underclearance on left | 3.8 m = 12.5 ft | | | |
| Minimum Vertical Underclearance | 4.9 m = 16.1 ft | | Minimum vertical underclearance reference feature | Highway beneath structure [H] | | | | | | |
| Appraisal ratings - underclearances | Basically intolerable requiring high priority of corrective action [3] | | | | | | | | | |

Repair and Replacement Plans

| | | | | |
|---|-----------------------------------|---------------------------------|---|---------|
| Type of work to be performed | Work done by | Work to be done by contract [1] | | |
| Other structural work, including hydraulic replacements. [38] | Bridge improvement cost | 1852000 | Roadway improvement cost | 0 |
| | Length of structure improvement | 436 m = 1430.5 ft | Total project cost | 2680000 |
| | 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 desirable criteria [8] |
| Condition ratings - substructure | Good [7] | Appraisal ratings - deck geometry | Superior to present desirable criteria [9] |
| Condition ratings - deck | Fair [5] | | |
| Scour | Bridge not over waterway. [N] | | |
| Channel and channel protection | Not applicable. [N] | | |
| Appraisal ratings - water adequacy | N/A [N] | Status evaluation | Functionally obsolete [2] |
| Pier or abutment protection | | Sufficiency rating | 66 |
| Culverts | Not applicable. Used if structure is not a culvert. [N] | | |
| Traffic safety features - railings | Inspected feature meets currently acceptable standards. [1] | | |
| Traffic safety features - transitions | Inspected feature meets currently acceptable standards. [1] | | |
| Traffic safety features - approach guardrail | Inspected feature meets currently acceptable standards. [1] | | |
| Traffic safety features - approach guardrail ends | Inspected feature meets currently acceptable standards. [1] | | |
| Inspection date | April 2012 [0412] | Designated inspection frequency | 24 Months |
| Underwater inspection | Not needed [N] | Underwater inspection date | |
| Fracture critical inspection | Every two years [Y24] | Fracture critical inspection date | April 2012 [0412] |
| Other special inspection | Not needed [N] | Other special inspection date | |