

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]   | Sarasota County [115]                           | Siesta Key [66000]  | 0.6MI W OF US-41                                      | 27-15-15.68 =<br>27.254356       | 082-31-53.20<br>= -82.531444 |
| 170052   | Highway agency district: 1                      | Owner State Highway Agency [01]                                     | Maintenance responsibility                            | State Highway Agency [01]        |                              |
| Route 72   | SR-72 EB  | Toll On free road [3]   | Features intersected                                  | INTRACOASTAL WATERWAY            |                              |
| Design - main<br>Steel [3]                                     | Design - approach<br>Prestressed concrete [5]   | Kilometerpoint<br>35.9 km = 22.3 mi                                 | Year built<br>1968                                    | Year reconstructed<br>N/A [0000] |                              |
| 1  | Movable - Bascule [16]                          | 9   | Stringer/Multi-beam or girder [02]                    | Skew angle<br>0                  | Structure Flared             |
|  |   | Historical significance<br>Bridge is not eligible for the NRHP. [5] |   |                                  |                              |
| Total length<br>171.9 m = 564.0 ft                             | Length of maximum span<br>35.5 m = 116.5 ft     | Deck width, out-to-out<br>10.9 m = 35.8 ft                          | Bridge roadway width, curb-to-curb<br>8.6 m = 28.2 ft |                                  |                              |
| Inventory Route, Total Horizontal Clearance<br>8.6 m = 28.2 ft | Curb or sidewalk width - left<br>0.5 m = 1.6 ft | Curb or sidewalk width - right<br>1.2 m = 3.9 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<br>0.1 km = 0.1 mi            | Method to determine inventory rating<br>Load Factor(LF) [1] | Inventory rating<br>24.5 metric ton = 27.0 tons |
|   | Method to determine operating rating<br>Load Factor(LF) [1] | Operating rating<br>40.8 metric ton = 44.9 tons |
| Bridge posting<br>Equal to or above legal loads [5] | Design Load<br>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                                  | 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     | Basically intolerable requiring high priority of corrective action [3] |
| Condition ratings - deck                          | Satisfactory [6]   |                                       |  |
| Scour   | Countermeasures have been installed to mitigate an existing problem with scour. [7]  |                                       |  |
| Channel and channel protection                    | 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                | Equal to present desirable criteria [8]  | Status evaluation                     | Functionally obsolete [2]  |
| Pier or abutment protection                       | In place and functioning [2]   | Sufficiency rating                    | 63.9   |
| 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 |  |                                       |  |
| Inspection date                                   | August 2018 [0818]   | Designated inspection frequency       | 24 Months  |
| Underwater inspection                             | Every two years [Y24]  | Underwater inspection date            | July 2018 [0718]   |
| Fracture critical inspection                      | Every year [Y12]   | Fracture critical inspection date     | August 2018 [0818]   |
| Other special inspection                          | Every year [Y12]   | Other special inspection date         | August 2018 [0818]   |

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| Florida [12]   | Sarasota County [115]                           | Siesta Key [66000]  | 0.6MI WEST OF US 41                                   | 27-15-16.06 =<br>27.254461       | 082-31-53.40<br>= -82.531500 |
| 170065   | Highway agency district: 1                      | Owner State Highway Agency [01]                                     | Maintenance responsibility                            | State Highway Agency [01]        |                              |
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| Total length<br>173 m = 567.6 ft                               | Length of maximum span<br>35.5 m = 116.5 ft     | Deck width, out-to-out<br>10.9 m = 35.8 ft                          | Bridge roadway width, curb-to-curb<br>8.6 m = 28.2 ft |                                  |                              |
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