### Basic Information

- **Florida [12]**
- **Manatee County [081]**
- **Bradenton [07950]**
- **0.5 MI W OF BUS US 41**
- **Owner**: City or Municipal Highway Agency [04]
- **Maintenance responsibility**: City or Municipal Highway Agency [04]
- **Highway agency district**: 1
- **Design - main**: Steel continuous [4]
- **Design - approach**: Other [00]
- **Skew angle**: 0
- **Year built**: 1949
- **Year reconstructed**: N/A [0000]
- **Historical significance**: Bridge is not eligible for the NRHP. [5]

### Total length
- **19.2 m = 63.0 ft**
- **Length of maximum span**: 9.8 m = 32.2 ft
- **Deck width, out-to-out**: 10.7 m = 35.1 ft
- **Bridge roadway width, curb-to-curb**: 7.5 m = 24.6 ft

### Inventory Route, Total Horizontal Clearance
- **10.2 m = 33.5 ft**
- **Curb or sidewalk width - left**: 1.4 m = 4.6 ft
- **Curb or sidewalk width - right**: 1.4 m = 4.6 ft

### Deck structure type
- **Concrete Cast-in-Place [1]**

### Type of wearing surface
- **Bituminous [6]**

### Deck protection
- **Unknown [8]**

### Type of membrane/wearing surface
- **Unknown [8]**

### Weight Limits
- **Bypass, detour length**: 0.3 km = 0.2 mi
- **Method to determine inventory rating**: Load Factor (LF) [1]
- **Inventory rating**: 65.7 metric ton = 72.3 tons
- **Method to determine operating rating**: Load Factor (LF) [1]
- **Operating rating**: 99.9 metric ton = 109.9 tons
- **Bridge posting**: Equal to or above legal loads [5]
- **Design Load**: M 13.5 / H 15 [2]
### Functional Details

<table>
<thead>
<tr>
<th>Average Daily Traffic</th>
<th>Average daily truck traffic</th>
<th>%</th>
<th>Year</th>
<th>Future average daily traffic</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1240</td>
<td>3</td>
<td></td>
<td>2016</td>
<td>2151</td>
<td>2038</td>
</tr>
</tbody>
</table>

**Road classification**
- Local (Urban) [19]

**Lanes on structure**
- 2

**Approach roadway width**
- 7.5 m = 24.6 ft

**Type of service on bridge**
- Highway-pedestrian [5]

**Direction of traffic**
- 2-way traffic [2]

**Bridge median**

**Approach roadway width**
- 7.5 m = 24.6 ft

**Navigation vertical clearance**
- 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**
- 99.99 m = 328.1 ft

**Type of service under bridge**
- Waterway [5]

**Lanes under structure**
- 0

**Navigation control**

**Bridge median**

**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 lateral 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**

**Bridge improvement cost**
- 0

**Roadway improvement cost**
- 0

**Length of structure improvement**
- 0 m = 0.0 ft

**Total project cost**
- 0

**Year of improvement cost estimate**

**Border bridge - state**

**Border bridge - percent responsibility of other state**

**Border bridge - structure number**
## Inspection and Sufficiency

<table>
<thead>
<tr>
<th>Category</th>
<th>Status/Condition</th>
<th>Date/Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Structure status</strong></td>
<td>Open, no restriction [A]</td>
<td></td>
</tr>
<tr>
<td><strong>Condition ratings - superstructure</strong></td>
<td>Fair [5]</td>
<td></td>
</tr>
<tr>
<td><strong>Condition ratings - substructure</strong></td>
<td>Satisfactory [6]</td>
<td></td>
</tr>
<tr>
<td><strong>Condition ratings - deck</strong></td>
<td>Satisfactory [6]</td>
<td></td>
</tr>
<tr>
<td><strong>Appraisal ratings - structural</strong></td>
<td>Somewhat better than minimum adequacy to tolerate being left in place as is [5]</td>
<td></td>
</tr>
<tr>
<td><strong>Appraisal ratings - roadway alignment</strong></td>
<td>Equal to present minimum criteria [6]</td>
<td></td>
</tr>
<tr>
<td><strong>Appraisal ratings - deck geometry</strong></td>
<td>Meets minimum tolerable limits to be left in place as is [4]</td>
<td></td>
</tr>
<tr>
<td><strong>Scour</strong></td>
<td>Bridge is scour critical; bridge foundations determined to be unstable. [3]</td>
<td></td>
</tr>
<tr>
<td><strong>Channel and channel protection</strong></td>
<td>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]</td>
<td></td>
</tr>
<tr>
<td><strong>Appraisal ratings - water adequacy</strong></td>
<td>Better than present minimum criteria [7]</td>
<td></td>
</tr>
<tr>
<td><strong>Pier or abutment protection</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Culverts</strong></td>
<td>Not applicable. Used if structure is not a culvert. [N]</td>
<td></td>
</tr>
<tr>
<td><strong>Traffic safety features - railings</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Traffic safety features - transitions</strong></td>
<td>Not applicable or a safety feature is not required. [N]</td>
<td></td>
</tr>
<tr>
<td><strong>Traffic safety features - approach guardrail</strong></td>
<td>Not applicable or a safety feature is not required. [N]</td>
<td></td>
</tr>
<tr>
<td><strong>Traffic safety features - approach guardrail ends</strong></td>
<td>Not applicable or a safety feature is not required. [N]</td>
<td></td>
</tr>
<tr>
<td><strong>Inspection date</strong></td>
<td>April 2018 [0418]</td>
<td>Designated inspection frequency</td>
</tr>
<tr>
<td><strong>Underwater inspection</strong></td>
<td>Unknown [Y23]</td>
<td>Underwater inspection date</td>
</tr>
<tr>
<td><strong>Fracture critical inspection</strong></td>
<td>Not needed [N]</td>
<td>Fracture critical inspection date</td>
</tr>
<tr>
<td><strong>Other special inspection</strong></td>
<td>Not needed [N]</td>
<td>Other special inspection date</td>
</tr>
</tbody>
</table>

- **Sufficiency rating**: 73
- **Fracture critical inspection date**: April 2018 [0418]
- **Underwater inspection date**: April 2018 [0418]
- **Other special inspection date**: Not applicable [N]