HistoricBridges.org - National Bridge Inventory Data Sheet

2019 Inventory

The National Bridge Inventory contains data submitted by state transportion 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]	Lee County [071]	Fort Myers [24125]	4.1 MI WEST OF I-75	26-39-06.06 = 26.651683	081-51-24.06 = -81.856683

120001 | Highway agency district: 1 | Owner: State Highway Agency [01] | Maintenance responsibility: State Highway Agency [01]

Route: 80 | West [4] | SR80 (PALM BCH) WB | Toll: On free road [3] | Features intersected: BILLYS CREEK

Design - main	Steel [3]	Design - approach	Steel [3]
1	Movable - Lift [15]	2	Stringer/Multi-beam or girder [02]

Kilometerpoint: 212.9 km = 132.0 mi

Year built: 1941 | Year reconstructed: N/A [0000]

Skew angle: 0 | Structure Flared:

Historical significance: Historical significance is not determinable at this time. [4]

Total length: 35.4 m = 116.1 ft | Length of maximum span: 12.7 m = 41.7 ft | Deck width, out-to-out: 12.6 m = 41.3 ft | Bridge roadway width, curb-to-curb: 9.1 m = 29.9 ft

Inventory Route, Total Horizontal Clearance: 9.1 m = 29.9 ft | Curb or sidewalk width - left: 1 m = 3.3 ft | Curb or sidewalk width - right: 1 m = 3.3 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: 0.6 km = 0.4 mi

Method to determine inventory rating: Load Testing [4] | Inventory rating: 24.8 metric ton = 27.3 tons

Method to determine operating rating: Load Testing [4] | Operating rating: 41.2 metric ton = 45.3 tons

Bridge posting: Equal to or above legal loads [5] | Design Load: M 13.5 / H 15 [2]

Functional Details

Average Daily Traffic	8100	Average daily truck traffi	4 %	Year	2018	Future average daily traffic	10125
Year	2038						
Road classification	Other Principal Arterial (Urban) [14]	Lanes on structure	2	Approach roadway width	9.1 m = 29.9 ft		
Type of service on bridge	Highway-pedestrian [5]	Direction of traffic	1 - way traffic [1]	Bridge median			
Parallel structure designation	The left structure of parallel bridges. This structure carries traffic in the opposite direction. [L]						
Type of service under bridge	Waterway [5]	Lanes under structure	0	Navigation control	Navigation control on waterway (bridge permit required). [1]		
Navigation vertical clearanc	3.3 m = 10.8 ft	Navigation horizontal clearance	7.5 m = 24.6 ft				
Minimum navigation vertical clearance, vertical lift bridge	0.9 m = 3.0 ft	Minimum vertical clearance over bridge roadway	99.99 m = 328.1 ft				
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 vertical 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

Other structural work, including hydraulic replacements. [38]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	32000	Roadway improvement cost	3000
Length of structure improvement	35.4 m = 116.1 ft	Total project cost	35000
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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
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	Better than present minimum criteria [7]	Status evaluation	
Pier or abutment protection	In place but in a deteriorated condition [3]	Sufficiency rating	56.3
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail ends	Inpected feature meets currently acceptable standards. [1]		
Inspection date	October 2018 [1018]	Designated inspection frequency	24 Months
Underwater inspection	Every two years [Y24]	Underwater inspection date	September 2018 [0918]
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	October 2018 [1018]
Other special inspection	Unknown [Y00]	Other special inspection date	February 1999 [299]