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]	Hillsborough County [057]	Tampa [71000]	0.4 MI W OF BUS 41	27-59-45.83 = 27.996064	082-27-55.71 = -82.465475

100920	Highway agency district: 7	Owner: State Highway Agency [01]	Maintenance responsibility: State Highway Agency [01]		
Route: 92		US 92 SR 600 EB	Toll: On free road [3]	Features intersected: HILLSBOROUGH RIVER	

Design - main: Steel [3]		Design - approach: Concrete [1]		Kilometerpoint: 1920.9 km = 1191.0 mi	
1	Movable - Lift [15]	8	Tee beam [04]	Year built: 1939	Year reconstructed: 1999
				Skew angle: 0	Structure Flared:
				Historical significance: Bridge is possibly eligible for the NRHP. [3]	

Total length: 109.6 m = 359.6 ft	Length of maximum span: 25.4 m = 83.3 ft	Deck width, out-to-out: 16.1 m = 52.8 ft	Bridge roadway width, curb-to-curb: 12.3 m = 40.4 ft				
Inventory Route, Total Horizontal Clearance: 12.3 m = 40.4 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:							
Deck protection:							
Type of membrane/wearing surface:							

Weight Limits

Bypass, detour length	Method to determine inventory rating: Load Factor(LF) [1]		Inventory rating: 31.2 metric ton = 34.3 tons		
0.2 km = 0.1 mi	Method to determine operating rating: Load Factor(LF) [1]		Operating rating: 52 metric ton = 57.2 tons		
	Bridge posting: Equal to or above legal loads [5]		Design Load: MS 18 / HS 20 [5]		

Functional Details

Average Daily Traffic	51000	Average daily truck traffi	5 %	Year	2018	Future average daily traffic	63750
Year	2038						
Road classification	Other Principal Arterial (Urban) [14]	Lanes on structure	3	Approach roadway width	12.3 m = 40.4 ft		
Type of service on bridge	Highway-pedestrian [5]	Direction of traffic	1 - way traffic [1]	Bridge median			
Parallel structure designation	The right structure of parallel bridges carrying the roadway in the direction of the inventory. [R]						
Type of service under bridge	Waterway [5]	Lanes under structure	0	Navigation control	Navigation control on waterway (bridge permit required). [1]		
Navigation vertical clearanc	16.1 m = 52.8 ft	Navigation horizontal clearance	17.4 m = 57.1 ft				
Minimum navigation vertical clearance, vertical lift bridge	2.7 m = 8.9 ft	Minimum vertical clearance over bridge roadway	4.57 m = 15.0 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		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

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	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	
Pier or abutment protection	In place and functioning [2]	Sufficiency rating	59.4
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inpected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions	Inpected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inpected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inpected feature meets currently acceptable standards. [1]		
Inspection date	April 2017 [0417]	Designated inspection frequency	24 Months
Underwater inspection	Every two years [Y24]	Underwater inspection date	March 2017 [0317]
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	April 2018 [0418]
Other special inspection	Every year [Y12]	Other special inspection date	April 2018 [0418]