

# HistoricBridges.org - National Bridge Inventory Data Sheet

2019 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]	Hillsborough County [057]	Tampa [71000]	COLUMBUS AT HILL. RIVER	27-58-00.41 = 27.966781	082-28-30.44 = -82.475122
105504	Highway agency district: 7	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 0	COLUMBUS DRIVE	Toll On free road [3]	Features intersected HILLSBOROUGH RIVER		
Design - main 1	Steel [3] Movable - Swing [17]	Design - approach 11	Concrete [1] Tee beam [04]	Kilometerpoint 290.5 km = 180.1 mi	Year built 1926 Year reconstructed 2013
				Skew angle 0	Structure Flared
				Historical significance Bridge is possibly eligible for the NRHP. [3]	
Total length	143.3 m = 470.2 ft	Length of maximum span	49.7 m = 163.1 ft	Deck width, out-to-out	12.9 m = 42.3 ft
Inventory Route, Total Horizontal Clearance	12.2 m = 40.0 ft	Curb or sidewalk width - left	1.2 m = 3.9 ft	Curb or sidewalk width - right	1.2 m = 3.9 ft
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Bituminous [6]				
Deck protection					
Type of membrane/wearing surface					

## Weight Limits

Bypass, detour length 0.3 km = 0.2 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	33.3 metric ton = 36.6 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	45.1 metric ton = 49.6 tons
Bridge posting	Equal to or above legal loads [5]		Design Load	MS 18 / HS 20 [5]

## Functional Details

Average Daily Traffic	25500	Average daily truck traffi	7	%	Year	2018	Future average daily traffic	31875	Year	2038
Road classification	Collector (Urban) [17]	Lanes on structure	4		Approach roadway width	12.2 m = 40.0 ft				
Type of service on bridge	Highway-pedestrian [5]	Direction of traffic	2 - way traffic [2]			Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Waterway [5]	Lanes under structure	0		Navigation control	Navigation control on waterway (bridge permit required). [1]				
Navigation vertical clearanc	3.1 m = 10.2 ft				Navigation horizontal clearance	15.2 m = 49.9 ft				
Minimum navigation vertical clearance, vertical lift bridge	0 m = 0.0 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	Work done by	Work to be done by contract [1]		
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	4575000	Roadway improvement cost	457000
	Length of structure improvement	143.3 m = 470.2 ft	Total project cost	5023000
	Year of improvement cost estimate	2013		
	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	Better than present minimum criteria [7]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Good [7]		
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	Better than present minimum criteria [7]	Status evaluation	
Pier or abutment protection	In place and functioning [2]	Sufficiency rating	57.5
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	September 2017 [0917]	Designated inspection frequency	24 Months
Underwater inspection	Every two years [Y24]	Underwater inspection date	August 2017 [0817]
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	September 2018 [0918]
Other special inspection	Every year [Y12]	Other special inspection date	September 2018 [0918]