

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
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Basic Information

Florida [12]	Manatee County [081]	Bradenton Beach [07975]	0.1 mi. E BRADENTON BEACH	27-28-08.05 = 27.468903	082-41-32.13 = -82.692258
130006	Highway agency district: 1	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 684	SR-684 (Cortez Rd)	Toll On free road [3]	Features intersected	Sarasota Pass	
Design - main Steel [3]	Design - approach Prestressed concrete [5]	Kilometerpoint 18.2 km = 11.3 mi	Year built 1956	Year reconstructed N/A [0000]	
1	Movable - Bascule [16]	52	Stringer/Multi-beam or girder [02]	Skew angle 0	Structure Flared
		Historical significance		Bridge is not eligible for the NRHP. [5]	
Total length 797.4 m = 2616.3 ft	Length of maximum span 40.6 m = 133.2 ft	Deck width, out-to-out 11.4 m = 37.4 ft	Bridge roadway width, curb-to-curb 7.3 m = 24.0 ft		
Inventory Route, Total Horizontal Clearance 7.3 m = 24.0 ft	Curb or sidewalk width - left 1.5 m = 4.9 ft	Curb or sidewalk width - right 1.5 m = 4.9 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 0.8 km = 0.5 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	18.8 metric ton = 20.7 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	31.3 metric ton = 34.4 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	M 13.5 / H 15 [2]	

Functional Details

Average Daily Traffic	15100	Average daily truck traffi	4	%	Year	2018	Future average daily traffic	19625	Year	2038
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	6	Approach roadway width	7.3 m = 24.0 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	6.7 m = 22.0 ft			Navigation horizontal clearance	24.7 m = 81.0 ft					
Minimum navigation vertical clearance, vertical lift bridge	0 m = 0.0 ft			Minimum vertical clearance over bridge roadway	5.27 m = 17.3 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	4055000	Roadway improvement cost	0						
	Length of structure improvement	797.4 m = 2616.3 ft		Total project cost	4055000					
	Year of improvement cost estimate	2012								
	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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
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	Equal to present desirable criteria [8]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection	In place and functioning [2]	Sufficiency rating	46.6
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	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends			
Inspection date	April 2018 [0418]	Designated inspection frequency	24 Months
Underwater inspection	Every two years [Y24]	Underwater inspection date	March 2018 [0318]
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]