

# 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]	Sarasota County [115]	Venice [73900]	0.3MI EAST OF US-41	27-05-59.39 = 27.099831	082-26-26.93 = -82.440814
170054	Highway agency district: 1	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 772		VENICE AVE CR-772	Toll On free road [3]	Features intersected INTRACOASTAL WATERWAY	
Design - main	Steel [3]	Design - approach	Prestressed concrete [5]	Kilometerpoint	0 km = 0.0 mi
1	Movable - Bascule [16]	18	Stringer/Multi-beam or girder [02]	Year built	1966
				Year reconstructed	2004
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]
Total length	356.3 m = 1169.0 ft	Length of maximum span	44.3 m = 145.3 ft	Deck width, out-to-out	11.5 m = 37.7 ft
Inventory Route, Total Horizontal Clearance	8.5 m = 27.9 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					
Deck protection					
Type of membrane/wearing surface					

## Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	24.5 metric ton = 27.0 tons
0.2 km = 0.1 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	40.8 metric ton = 44.9 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]

## Functional Details

Average Daily Traffic	15600	Average daily truck traffi	4	%	Year	2018	Future average daily traffic	19500	Year	2038
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	2		Approach roadway width	8.5 m = 27.9 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	Highway-waterway [6]		Lanes under structure	7		Navigation control	Navigation control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	7.7 m = 25.3 ft		Navigation horizontal clearance	27.4 m = 89.9 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	Highway beneath structure [H]									
Minimum lateral underclearance on right	4 m = 13.1 ft					Minimum lateral underclearance on left	0 = N/A			
Minimum Vertical Underclearance	4.36 m = 14.3 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Somewhat better than minimum adequacy to tolerate being left in place as is [5]									

## 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	Equal to present minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Good [7]		
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	
Pier or abutment protection	In place and functioning [2]	Sufficiency rating	64.7
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	August 2017 [0817]	Designated inspection frequency	24 Months
Underwater inspection	Every two years [Y24]	Underwater inspection date	July 2017 [0717]
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	August 2018 [0818]
Other special inspection	Every year [Y12]	Other special inspection date	August 2018 [0818]