

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

Texas [48]	Matagorda County [321]	Unknown [44150]	0.05 MI NE OF UNIV PARK	31-33-39 = 31.560833	097-07-43 = - 97.128611
091610B00331001	Highway agency district 9	Owner City or Municipal Highway Agency [04]	Maintenance responsibility	City or Municipal Highway Agency [04]	
Route 0	WASHINGTON AVE	Toll On free road [3]	Features intersected	BRAZOS RI #1 WAC	
Design - main Steel [3]	Design - approach	Kilometerpoint 16.1 km = 10.0 mi	Year built 1901	Year reconstructed N/A [0000]	
1 Truss - Thru [10]	2 Mixed types [20]	Skew angle 0	Structure Flared		
		Historical significance	Bridge is on the NRHP. [1]		
Total length 172.8 m = 567.0 ft	Length of maximum span 137.2 m = 450.2 ft	Deck width, out-to-out 12.5 m = 41.0 ft	Bridge roadway width, curb-to-curb	6.6 m = 21.7 ft	
Inventory Route, Total Horizontal Clearance 7.1 m = 23.3 ft	Curb or sidewalk width - left 1.7 m = 5.6 ft	Curb or sidewalk width - right	1.5 m = 4.9 ft		
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection	Unknown [8]				
Type of membrane/wearing surface	Unknown [8]				

Weight Limits

Bypass, detour length 0.2 km = 0.1 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	0 metric ton = 0.0 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	0 metric ton = 0.0 tons
Bridge posting	30.0 - 39.9 % below [1]		Design Load	

Functional Details

Average Daily Traffic	3800	Average daily truck traffi	%	Year	2009	Future average daily traffic	4850	Year	2028
Road classification	Collector (Urban) [17]	Lanes on structure	1	Approach roadway width	8.5 m = 27.9 ft				
Type of service on bridge	Highway [1]	Direction of traffic	1 - way traffic [1]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]								
Type of service under bridge	Waterway [5]	Lanes under structure	0	Navigation control					
Navigation vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A					
Minimum navigation vertical clearance, vertical lift bridge			Minimum vertical clearance over bridge roadway	4.26 m = 14.0 ft					
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]								
Minimum lateral underclearance on right	99.9 = Unlimited			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	1446000	Roadway improvement cost	361000			
	Length of structure improvement	185 m = 607.0 ft		Total project cost	1807000		
	Year of improvement cost estimate	2009					
	Border bridge - state			Border bridge - percent responsibility of other state			
	Border bridge - structure number						

Inspection and Sufficiency

Structure status

Bridge closed to all traffic [K]

Appraisal ratings -
structural

Condition ratings - superstructure

Poor [4]

Appraisal ratings -
roadway alignment

Condition ratings - substructure

Satisfactory [6]

Appraisal ratings -
deck geometry

Condition ratings - deck

Satisfactory [6]

Scour

Bridge with "unknown" foundation that has not been evaluated for scour. [U]

Channel and channel protection

Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]

Appraisal ratings - water adequacy

Superior to present desirable criteria [9]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

30.2

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

April 2010 [0410]

Designated inspection frequency

24

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Every two years [Y24]

Fracture critical inspection date

July 2010 [0710]

Other special inspection

Not needed [N]

Other special inspection date