HistoricBridges.org - National Bridge Inventory Data Sheet

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							22 45 21 51	096-47-45.11
Texas [48]	Pexas [48] Dallas County [113]			Dallas [19000] 0.1 MI S OF INDUSTRIAL			32-45-21.51 = 32.755975	= -96.795864
1805709C6240001 Highway agency district: 18		Owner City or Municipal Highway Agency [04] Maintenance responsibility			City or Municipal Highway Agency [04]			
Route 342	CO	RINTH ST	Toll On fre	ee road [3]	eatures intersect	ed TRINITY R	IVER	
Design - Steel continu	ious [4]	Design - Steel approach	continuous [4]	'	0.2 km = 186.1 n			
1 Stringer/Mult	i-beam or girder [C		er/Multi-beam or girder [02]	Year built 1935 Skew angle 0	Year rec	onstructed 200 ared	8	
				Historical significance		eligible for the I	NRHP. [2]	
Total length 1005.8 m	= 3300.0 ft L	ength of maximum spa	36.6 m = 120.1 ft	Deck width, out-to-o	ut 15.9 m = 52.2	ft Bridge roa	dway width, curb-to-cu	urb 12.2 m = 40.0 ft
Inventory Route, Total I	Horizontal Clearan	ce 12.2 m = 40.0 ft	Curb or sidewalk w	idth - left $0 \text{ m} = 0.0$	ft	Curb or side	ewalk width - right	0 m = 0.0 ft
Deck structure type		Concrete Cast-in-Place	ce [1]					
Type of wearing surface	9	Bituminous [6]						
Deck protection Unknown [8]								
Type of membrane/wea	ring surface	Unknown [8]						
Weight Limits								
Bypass, detour length	Method to dete	rmine inventory rating	Allowable Stress(AS) [2] Inv	entory rating	24.5 metric ton	= 27.0 tons	
0.5 km = 0.3 mi	Method to dete	rmine operating rating	Allowable Stress(AS) [2] Op	erating rating	32.7 metric ton	= 36.0 tons	
	Bridge posting	Equal to or above le	egal loads [5]	De	sign Load M 1	3.5 / H 15 [2]		

Functional Details									
Average Daily Traffic 35000 Average daily to	ruck traffi 5 % Year 2011 Future average daily t	traffic 62000 Year 2031							
Road classification Other Principal Arterial (Urban)	[14] Lanes on structure 4	Approach roadway width 12.2 m = 40.0 ft							
Type of service on bridge Highway [1]	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 cor	ntrol							
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 99.99 m = 328.1 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]								
Other structural work, including hydraulic replacements. [38]	Bridge improvement cost 264000 Roadw	way improvement cost 66000							
oplassificities [66]	Length of structure improvement 1005.8 m = 3300.0 f	ft Total project cost 330000							
	Year of improvement cost estimate								
	Border bridge - state	Border bridge - percent responsibility of other state							
	Border bridge - structure number								

Inspection and Suf	ficiency											
Structure status	Open, no res	striction [A]			Appraisal ratings - tructural	Somewhat better than minimum adequacy to tolerate being left in place as is [5] Equal to present desirable criteria [8]					ce as	
Condition ratings - s	superstructure	Fair [5]	r [5]		Appraisal ratings - roadway alignment							
Condition ratings - substructure Fair		Fair [5]			Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]						
Condition ratings - o	Condition ratings - deck Fair											
Scour		В	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]									
Channel and channel protection			Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]									
Appraisal ratings - water adequacy		cy S	Superior to present desirable criteria [9]				Status eva	luation	Functionally obsolete [2			
Pier or abutment protection		١	Navigation protection not required [1]				Sufficiency	/ rating	46.9			
Culverts Not appl	licable. Used	if structu	ire is not a culve	ert. [N]								
Traffic safety featu	res - railings											
Traffic safety featu												
Traffic safety features - approach guardrail												
Traffic safety featu	res - approact	h guardra	ail ends									
Inspection date	ignated inspectio	n frequency 24]۱	Months								
·			own [Y60]		Underwater inspection date			October 2013 [1013]				
'					Fracture critical ins	•	e					
Other special inspection Not no		Not nee	ded [N]		Other special insp	ection date						