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 Info	ormation														36-07-06.00	1	089-36-54.00
Tennessee [47] Dyer County [045]			L	Unknown [00000] S 11 T 17 N R 13 E			36.118333	J =	= -89.615000								
23I01550001 Highway agency district: 4				Owner State Highway Agency [01] Maintenance responsibility				State Highway	Ager	су [01]							
Route 155 I155					Toll On fre	e road [3]		Feat	ures inter	rsected	MISSISSIF	PPI RVR- COUNT	Y				
main appr		Design - approach [6] Stringer/Multi-beam or girder [02]		Year built 1975 Year reconstructed 1987													
					Skew angle 0 Historical significa			significar									
Total leng	th 2164.7	m = 71	102.4 ft	Lenç	gth of maxim	um span	280.1 r	n = 919.0 ft	Deck wi	dth, out-t	to-out 2	24.6 m =	80.7 ft	Bridge roa	adway width, curb-	to-cu	b 23.8 m = 78.1 ft
Inventory Route, Total Horizontal Clearance 11.6 m = 38.1 ft				8.1 ft	Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidew				dewalk width - right	t	0 m = 0.0 ft						
Deck stru	cture type			Co	ncrete Cast	-in-Place	[1]										
Type of w	earing surfa	ce		Lo	w slump Co	ncrete [4]											
Deck prot	ection																
Type of membrane/wearing surface Built-up [1]																	
Weight L	imits																
7.	detour length = 12.3 mi	101			ne inventory ne operating	Ü		d Factor(LF) [1]				ory rating	_		i = 31.7 tons		
			ridge pos		Equal to or a						•			Mod / HS 2			

Functional Details	
Average Daily Traffic 9217 Average daily t	truck traffi 35 % Year 2017 Future average daily traffic 14747 Year 2039
Road classification	Rural) [01] Lanes on structure 4 Approach roadway width 23.2 m = 76.1 ft
Type of service on bridge Highway [1]	Direction of traffic 2 - way traffic [2] Bridge median Closed median with non-mountable barr
Parallel structure designation No parallel structu	re 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 15.8 m = 51.8 ft	Navigation horizontal clearance 275.6 m = 904.2 ft
Minimum navigation vertical clearance, vertical lift br	Minimum vertical clearance over bridge roadway 5.33 m = 17.5 ft
Minimum lateral underclearance reference feature F	eature not a highway or railroad [N]
Minimum lateral underclearance on right 2.2 m = 7.2	2 ft Minimum lateral underclearance on left 0 = N/A
Minimum Vertical Underclearance 5.53 m = 18.1 ft	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
	Bridge improvement cost Roadway improvement cost
	Length of structure improvement Total project cost
	Year of improvement cost estimate
	Border bridge - state Unknown [297] Border bridge - percent responsibility of other state 50
	Border bridge - structure number 1396

Inspection and Suffic	ciency									
Structure status C	Open, no res	triction [A]	Appraisal ratings - structural	Equal to present minimum criteria [6]						
Condition ratings - su	perstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]						
Condition ratings - sul	bstructure	Satisfactory [6]	Appraisal ratings -	Superior to present desirable criteria [9]						
Condition ratings - de	ondition ratings - deck Sati		deck geometry							
Scour		Bridge is scour	Bridge is scour critical; bridge foundations determined to be unstable. [3]							
Channel and channel protection		Bank protection channel. [5]	n is being eroded. River control devices	s and/or emban	nkment have major damage. Trees and rush restrict the					
Appraisal ratings - wa	ater adequac	y Equal to prese	nt desirable criteria [8]	Status evaluation						
Pier or abutment prote	ection	In place and fu	nctioning [2]		Sufficiency rating 71.8					
Culverts Not applica	able. Used i	f structure is not a cul	vert. [N]							
Traffic safety features - railings			Inpected feature meets currently acce	rds. [1]						
Traffic safety features - transitions										
Traffic safety feature:	s - approach	guardrail	Inpected feature meets currently acce	eptable standar	rds. [1]					
Traffic safety features - approach guardrail ends										
Inspection date			esignated inspection frequency 24	Мо	onths					
Underwater inspecti	ion	Unknown [Y60]	Underwater inspe	ection date	September 2016 [0916]					
Fracture critical insp	pection	Every two years [Y24]	Fracture critical in	spection date	March 2017 [0317]					
Other special inspec	ction	Not needed [N]	Other special insp	pection date						

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Basic Info	ormation												
Missouri [29] Pemiscot County [155]			j]	Little Prairie [43382] S 11 T 17 N R 13 E				36-07-06.22 =	3 089-36-54.27 = -8				
1396 Highway agency dis			y district: 7	Owner	Owner State Highway Agency [01]			Maintenance	responsibility	State Highway Ag	gency [01]		
Route 155 IS 155 S			S		Toll On fre	e road [3]	Fea	atures intersec	ted MISSISSIF	PPI RVR, COUNTY			
Design - main				Design - approach	Prestressed co [6]	ncrete continuous	Kilometerpoint Year built 1975		.7 km = 1011.	7 mi constructed 198	37		
2	2 Truss - Thru [10]			57	Stringer/Multi-beam or girder [02]		Skew angle 0		Structure Flared				
						Historical significa			ance	ce Bridge is not eligible for the NRHP. [5]			
Total leng	th 2164.7 r	m = 71	102.4 ft	Leng	gth of maxim	um span 280.4	m = 920.0 ft	Deck width, out	-to-out	24.6 m = 80.7	7 ft Bridge roa	adway width, curb-to-	curb 23.8 m = 78.1 ft
Inventory Route, Total Horizontal Clearance 11.6 m = 38.1 ft			8.1 ft C	Curb or sidewalk width - left 0 m =				Curb or sic	lewalk width - right	0 m = 0.0 ft			
Deck struc	cture type			Co	ncrete Cast	-in-Place [1]							
Type of wearing surface Low slum			w slump Coi	ncrete [4]									
Deck prot	ection												
Type of membrane/wearing surface Built-up [1]													
Weight Li	imits												
71	Bypass, detour length Method to dete		determi	ne inventory	rating Lo	ad Factor(LF) [1]		Inven	ntory rating	28.8 metric ton = 31.7 tons			
0.1 km =	0.1 mi	N	lethod to	determi	ne operating	rating Lo	ad Factor(LF) [1]		Opera	ating rating	47.7 metric ton	= 52.5 tons	
Bridge posting Equal to or above le			bove legal loads	gal loads [5]			Design Load MS 18+Mod / HS 20+Mod [6]						

Functional Details	
Average Daily Traffic 9217 Average daily to	ruck traffi 35 % Year 2017 Future average daily traffic 17051 Year 2037
Road classification	ural) [01] Lanes on structure 4 Approach roadway width 23.2 m = 76.1 ft
Type of service on bridge Highway [1]	Direction of traffic 2 - way traffic [2] Bridge median (no barriers) [2]
Parallel structure designation No parallel structure	e exists. [N]
Type of service under bridge Highway-waterway [6]	Lanes under structure 2 Navigation control Navigation control on waterway (bridge permit required). [1]
Navigation vertical clearanc 15.8 m = 51.8 ft	Navigation horizontal clearance 275.8 m = 904.9 ft
Minimum navigation vertical clearance, vertical lift bri	dge Minimum vertical clearance over bridge roadway 5.33 m = 17.5 ft
Minimum lateral underclearance reference feature H	ighway beneath structure [H]
Minimum lateral underclearance on right 2.2 m = 7.2	ft Minimum lateral underclearance on left 0 = N/A
Minimum Vertical Underclearance 5.54 m = 18.2 ft	Minimum vertical underclearance reference feature Highway beneath structure [H]
Appraisal ratings - underclearances Meets minimum	tolerable limits to be left in place as is [4]
Repair and Replacement Plans	
Type of work to be performed	Work done by
	Bridge improvement cost Roadway improvement cost
	Length of structure improvement 0 m = 0.0 ft Total project cost
	Year of improvement cost estimate
	Border bridge - state Unknown [474] Border bridge - percent responsibility of other state 50
	Border bridge - structure number 23I01550001

Inspection and Sufficiency										
Structure status Open, no res	striction [A]	Appraisal ratings - structural	Equal to present minimum criteria [6]							
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]							
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings -	Superior to present desirable criteria [9]							
Condition ratings - deck	Satisfactory [6]	deck geometry								
Scour	Bridge is scour critica	Bridge is scour critical; bridge foundations determined to be unstable. [3]								
Channel and channel protection	Bank protection is bei channel. [5]	ng eroded. River control devices	es and/or embankment have major damage. Trees and rush restrict the							
Appraisal ratings - water adequac	Equal to present desi	rable criteria [8]	Status evaluation							
Pier or abutment protection	In place and function	ing [2]	Sufficiency rating 87.3							
Culverts Not applicable. Used	if structure is not a culvert. [N]								
Traffic safety features - railings	Inpe	cted feature meets currently acce	ceptable standards. [1]							
Traffic safety features - transition	IS									
Traffic safety features - approach	n guardrail Inpe	Inpected feature meets currently acceptable standards. [1]								
Traffic safety features - approach	n guardrail ends									
Inspection date March 2017	[0317] Designat	ed inspection frequency 24	4 Months							
Underwater inspection	Unknown [Y60]	Underwater inspec	ection date September 2016 [0916]							
·	Every two years [Y24]	Fracture critical in:								
Other special inspection	Not needed [N]	Other special insp	spection date							