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							36-19-43.86 =	082-02-30.84
Tennesse	ee [47]	Carter County [019]		Unknown [00000]	1.7 M SE OF MILLIGA	N		36.328850	= -82.041900
10SR0)670019	Highway agei	ncy district: 1	Owner State Highway A	Agency [01]	Maintenance r	esponsibility	State Highway Age	ncy [01]
Route 6	7	FAP	67	Toll On fre	ee road [3] Fe	eatures intersect	ed WATAUGA	RIVER	
Design - main	Steel contin	uous [4]	approach	oncrete [1]	Kilometerpoint 283 Year built 1946	4.1 km = 1757.1 Year reco	mi enstructed N/A	[0000]	
3	Truss - Dec	k [09]	2 S	lab [01]	Skew angle 0	Structure Fla	red Yes, fl	ared [1]	
					Historical significance	Historical	significance is	not determinable at th	is time. [4]
Total leng	th 332.8 m	= 1091.9 ft Le	ength of maximun	n span 150 m = 492.2 ft	Deck width, out-to-ou	9.8 m = 32.2 ft	Bridge roa	dway width, curb-to-cu	urb 8.7 m = 28.5 ft
Inventory	Route, Total	Horizontal Clearand	e 7.3 m = 24.0	ft Curb or sidewalk w	idth - left $0 \text{ m} = 0.0 \text{ ft}$	ţ	Curb or sid	ewalk width - right	0 m = 0.0 ft
Deck stru	cture type		Concrete Cast-in	-Place [1]					
Type of w	earing surfac	ce [Bituminous [6]						
Deck prot	ection								
Type of m	nembrane/we	earing surface							
Weight L	imits								
31	detour length	Method to deter	mine inventory ra	ting Load Factor(LF) [1]	Inve	entory rating	32.4 metric ton	= 35.6 tons	
10.6 km	= 6.6 mi	Method to deter	mine operating ra	Load Factor(LF) [1]	Ope	erating rating	63 metric ton =	69.3 tons	
		Bridge posting	Equal to or abo	ve legal loads [5]	Des	sign Load M 13	.5 / H 15 [2]		

Functional Details		
Average Daily Traffic 3840 Average daily tr	uck traffi 8 % Year 2017 Future average daily traffic	6144 Year 2038
Road classification Minor Arterial (Rural) [06]	Lanes on structure 2	Approach roadway width 9.1 m = 29.9 ft
Type of service on bridge Highway [1]	Direction of traffic 2 - way traffic [2]	Bridge median
Parallel structure designation No parallel structure	e 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 bri	dge Minimum vertical clearan	ce over bridge roadway 99.99 m = 328.1 ft
Minimum lateral underclearance reference feature F	eature not a highway or railroad [N]	
Minimum lateral underclearance on right 0 = N/A	Minimum lateral underclear	ance on left 0 = N/A
Minimum Vertical Underclearance 0 = N/A	Minimum vertical underclearance reference featu	re 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]	
Widening of existing bridge or other major structure without deck rehabilitation or replacement [33]	Bridge improvement cost 6257000 Roadway impro	ovement cost 626000
William desk renabilitation of replacement [55]	Length of structure improvement 332.8 m = 1091.9 ft Total	al project cost 9386000
	Year of improvement cost estimate 2018	
	Border bridge - state Border	er bridge - percent responsibility of other state
	Border bridge - structure number	

Inspection and Sufficiency					
Structure status Posted for I	oad [P]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]		
Condition ratings - superstructur	e Fair [5]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]		
Condition ratings - substructure	Good [7]	Appraisal ratings -	Meets minimum tolerable limits to be left in place as is [4]		
Condition ratings - deck	Good [7]	deck geometry			
Scour	Bridge foundati	ons determined to be stable for the asse	sessed or calculated scour condition. [8]		
Channel and channel protection		cted or well vegetated. River control do in a stable condition. [8]	devices such as spur dikes and embankment protection are not		
Appraisal ratings - water adequa	Equal to preser	nt desirable criteria [8]	Status evaluation		
Pier or abutment protection			Sufficiency rating 56		
Culverts Not applicable. Used	if structure is not a culv	ert. [N]			
Traffic safety features - railings		Inpected feature meets currently acce	reptable standards. [1]		
Traffic safety features - transition	ns	Inpected feature meets currently acce	eptable standards. [1]		
Traffic safety features - approach	ch guardrail	Inpected feature meets currently acce	eptable standards. [1]		
Traffic safety features - approach	ch guardrail ends	Inpected feature meets currently acce	reptable standards. [1]		
Inspection date July 2017 [0	0717] De	signated inspection frequency 24	4 Months		
Underwater inspection	Unknown [Y60]	Underwater inspec	ection date October 2015 [1015]		
Fracture critical inspection	Every two years [Y24]	Fracture critical ins	nspection date July 2017 [0717]		
Other special inspection	Not needed [N]	Other special insp	pection date		