HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 33\$R0290070

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: US27

CROSSING: N. CHICKAMAUGA CREEK
LATITUDE:: N 35.21435 DEGREES
LONGITUDE: W 85.21660 DEGREES

COUNTY: HAMILTON
ROUTE: SR029
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 13.56
YEAR BUILT: 1975

		TYPE OF SUPE	PSTRUCTURE -		
MAIN SPAN:	PRESTRESSED CONCRETE CONTI STRINGER/MULTI-BEAM OR GIRDE	NUOUS -	APPR. SPAN:	NOT APPLICABLE	
		TYPE OF SUB	STRUCTURE -		
ABUTMENTS:					
BENTS:	CONCRETE COLUMN THREE POST	BENT ON CONCI	RETE SPREAD FO	OTING FOUNDATION	
PIERS:	NOT APPLICABLE				
		SCOUR EV	ALLIATION -		
Duiden in and	our oritical, bridge foundations de			aulated accur conditions. Dis yes protection	
				culated scour conditions. Rip-rap protection ment of the protection system is needed.	
		INSPECTION P	ROCEDURES -		
What Initiated the Call-out Inspection?		[] Bridge	Watch Alert		
	·			al Maintenance Personnel	
		[] THP or	Local Law Ent	forcement Personnel	
		[] Other:			
1. C 2. C [] - Chec [] - Chec	movement - horizontally as we check displacement / deflection check for plumb of piers or be k for embankment erosion k for drift build-up on piers or k pier exposure, if possible, and the latest bridge inspection	n along curb li nts. bents nd compare to	ne, both bridge		
<u>If Closure is</u>	recommended:				
Coun temp	ity or City Maintenance Persor	nnel. Use Barri rists to stay of	cade Tape, traf	cured and properly closed by District, ific cones and/or traffic flares as until such time as the bridge may	
[] - Conta	act: (1) District Maintenance S	Supervisor (if	bridge is State	maintained)	
	(2) City or County Highwa	y Maintenance	Official (if br	idge is not State maintained)	
	(3) Tennessee Highway P	atrol and/or lo	cal law enforce	ment Officers as appropriate	
	(4) TDOT Regional Bridge	e Engineer			
	- The Bridge should remain closed until the water recedes and a daylight visual inspection is made by a TDOT bridge inspection team.				

PUBLICATION DATE

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offici		District maintenance or local highway maintenance ge on the selected detour route shall be checked			
[] - The bunits	The bridge can be re-opened only after a TDOT bridge inspection team checks the substructure units and they are determined to be structurally stable.				
CONT	ACT PERSONNEL:	TELEPHONE NUMBER:			
REGIO	ON BRIDGE ENGINEER	(423) 290-7467			
DISTR	ICT MAINTENANCE SUPERVISOR	(423) 290-7491			
TENNI	ESSEE HIGHWAY PATROL	(423) 634-6898			
The re	- Summarize and submit findings from the inspection to BridgeWatch scour monitoring system. The report shall include the date and time of the inspection, a brief summary of findings and, as appropriate, photographs of the bridge and stream channel measurements. If significant scouring has occurred, the report shall also be copied to Bridge Inspection Headquarters.				
COMMENTS	:				
Latest Bridg	List of Equipment to conduct the Inspection ge Inspection Report Report with the above Checklist ign Plans, if available	<u>n:</u>			
	ure with weight				
Plumb bob					
Range Pole					
A 1000 Foo	t Roll of yellow Polyethylene Barricade Tap	e printed with the following message:			
	CVEELA HY2VDU REED V	WΔV			

PUBLICATION DATE

A roll of Duct Tape

A Barricade Tape Dispenser with serrated cutter

TDOT radio directory (State Personnel only)

Traffic Safety Flares - Minimum of four (4) or set of electronic warning flashers

TDOT two-way radio (State Personnel only) and/or cellular telephone

Traffic Cones - Minimum of four (4)

07-Nov-24