HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 38SR0010011

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: **HWY 70 E**CROSSING: **MUDDY CREEK**

LATITUDE:: N 35.48617 DEGREES LONGITUDE: W 89.37953 DEGREES

COUNTY: HAYWOOD

ROUTE: SR001

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

LOG MILE: 6.38

GREES LOG MILE: 6.38
GREES YEAR BUILT: 1924
TYPE OF SUPERSTRUCTURE

MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE	
		TYPE OF SUBSTRUCTURE	
ABUTMENTS: BENTS:	CONCRETE FULL HEIGHT ABUTME NOT APPLICABLE	ENT ON TIMBER PILE FOUNDATION	
PIERS:	CONCRETE HAMMERHEAD PIER O	N MASONRY FOOTING FOUNDATION	
		SCOUR EVALUATION	
	our critical; bridge foundations de ling scour countermeasures.	etermined to be unstable for calculated scour conditions. Monitor bridge in	
		INSPECTION PROCEDURES	
What Initiat	ed the Call-out Inspection?	[] BridgeWatch Alert	
	от по син син поросион.	[] TDOT District or Local Maintenance Personnel	
		THP or Local Law Enforcement Personnel	
		[] Other:	
[] - Span 1. 0 2. 0 [] - Chec [] - Chec	Check for plumb of piers or be k for embankment erosion k for drift build-up on piers or k pier exposure, if possible, a	ell as vertically n along curb line, both bridge rails and outer edge of bridge deck. nts.	
<u>If Closure is</u>	recommended:		
Coun temp	- Stay at bridge with vehicle pulled across road until bridge is secured and properly closed by District, County or City Maintenance Personnel. Use Barricade Tape, traffic cones and/or traffic flares as temporary measures to warn motorists to stay off of the bridge until such time as the bridge may be properly closed and barricaded.		
[] - Conta	act: (1) District Maintenance S	Supervisor (if bridge is State maintained)	
	(2) City or County Highwa	y Maintenance Official (if bridge is not State maintained)	
	(3) Tennessee Highway P	atrol and/or local law enforcement Officers as appropriate	
	(4) TDOT Regional Bridge	Engineer 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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officials in esta		ate District maintenance or local highway maintenance ridge on the selected detour route shall be checked	
[] - The bridge can units and they a	 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. 		
CONTACT PERSON	INEL:	TELEPHONE NUMBER:	
REGION BRIDGE E	NGINEER	(731) 234-9561	
DISTRICT MAINTEN	IANCE SUPERVISOR	(731) 694-6673	
TENNESSEE HIGH	NAY PATROL	(901) 543-6256	
The report shall as appropriate,	- 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:			
	ipment to conduct the Inspec	etion:	
Latest Bridge Inspect	on Report h the above Checklist		
Bridge Design Plans,			
Tape measure with we			
Plumb bob	<i></i>		
Range Pole			
_	llow Polyethylene Barricade T	ape printed with the following message:	
•	SVEETA HVAVDU REE		

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