HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 38SR0010003

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: **HWY 70 E**CROSSING: **BRANCH**

LATITUDE:: N 35.45514 DEGREES LONGITUDE: W 89.42672 DEGREES

COUNTY: HAYWOOD
ROUTE: \$R001
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 2.89

LOr	NGHODE: W 89.42672 DEGREES	YEAR BUILT: 1926	
		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE	
		TYPE OF SUBSTRUCTURE	
ABUTMENTS:	BUTMENTS: CONCRETE FULL HEIGHT ABUTMENT ON CONCRETE SPREAD FOOTING FOUNDATION		
BENTS:	NOT APPLICABLE		
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION	
•	our critical; bridge foundations de ling scour countermeasures.	etermined to be unstable for calculated scour conditions. Monitor bridge in	
		INSPECTION PROCEDURES	
What Initiated the Call-out Inspection?		[] BridgeWatch Alert	
		[] TDOT District or Local Maintenance Personnel	
		[] THP or Local Law Enforcement Personnel	
		[] Other:	
Things to c	heck on a bridge during flood	s·	
_			
	movement - horizontally as w	•	
	<u>-</u>	n along curb line, both bridge rails and outer edge of bridge deck.	
	Check for plumb of piers or be	nts.	
	k for embankment erosion	h anda	
	k for drift build-up on piers or		
		nd compare to previous inspection	
[] - Revie	ew the latest bridge inspection	report versus current field conditions	
<u>If Closure is</u>	recommended:		
Cour temp	nty or City Maintenance Person	cross road until bridge is secured and properly closed by District, nnel. Use Barricade Tape, traffic cones and/or traffic flares as rists to stay off of the bridge 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 bridge is not State maintained)	
	(3) Tennessee Highway P	atrol and/or local law enforcement Officers as appropriate	
	(4) TDOT Regional Bridge		
] - The Bridge should remain closed until the water recedes and a daylight visual inspection is made by a TDOT bridge inspection team.		

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	te District maintenance or local highway maintenance idge on the selected detour route shall be checked	
] - 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 PERSONNEL:	TELEPHONE NUMBER:	
REGION BRIDGE ENGINEER	(731) 234-9561	
DISTRICT MAINTENANCE SUPERVISOR	(731) 694-6673	
TENNESSEE HIGHWAY PATROL	(901) 543-6256	
[] - Summarize and submit findings from the inspe The report shall include the date and time of th as appropriate, photographs of the bridge and scouring has occurred, the report shall also be	e inspection, a brief summary of findings and, stream channel measurements. If significant copied to Bridge Inspection Headquarters.	
Suggested List of Equipment to conduct the Inspect	ion:	
Latest Bridge Inspection Report		
Scour POA Report with the above Checklist		
Bridge Design Plans, if available		
Tape measure with weight		
Plumb bob		
Range Pole		
A 1000 Foot Roll of yellow Polyethylene Barricade Ta	ape printed with the following message:	
SAFETY HAZARD KEEP	AWAY	
A Barricade Tape Dispenser with serrated cutter		

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A roll of Duct Tape

Traffic Cones - Minimum of four (4)

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

17-Apr-19