HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 58SR0020005

BRIDGE OWNER: STATE OF TENNESSEE
ROAD NAME: BATTLE CREEK RD
CROSSING: BATTLE CREEK

LATITUDE:: N 35.11445 DEGREES
LONGITUDE: W 85.75188 DEGREES

COUNTY: MARION
ROUTE: SR002
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 4.19
YEAR BUILT: 1927

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		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE	
		TYPE OF SUBSTRUCTURE	
ABUTMENTS: BENTS:		TMENT ON TIMBER PILE FOUNDATION	
PIERS:	NOT APPLICABLE	NICED WALL (DUMP RELL) ON TIMBER BILL FOUNDATION	
PIEKS.	CONCRETE COLUMNS WITH SOLIL	O WEB WALL (DUMB BELL) ON TIMBER PILE 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 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	<u>s:</u>	
[] - Span	n movement - horizontally as w	ell as vertically	
		n along curb line, both bridge rails and outer edge of bridge deck.	
2. (Check for plumb of piers or be	nts.	
[] - Chec	k for embankment erosion		
[] - Chec	k for drift build-up on piers or	bents	
[] - Chec	k pier exposure, if possible, a	nd compare to previous inspection	
[] - Review the latest bridge inspection report versus current field conditions			
<u>If Closure is</u>	<u>s recommended:</u>		
Cour temp	nty or City Maintenance Persor	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	
[] - Contact: (1) District Maintenance Sup		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	
	 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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 The bridge inspection team will work with State officials in establishing a detour route. Any brid prior to signing the detour route. 	District maintenance or local highway maintenance lge 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	(423) 290-7467		
DISTRICT MAINTENANCE SUPERVISOR	(931) 434-1713		
TENNESSEE HIGHWAY PATROL	(423) 634-6898		
] - 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:			
Suggested List of Equipment to conduct the Inspection Latest Bridge Inspection Report Scour POA Report with the above Checklist	<u>on:</u>		
Bridge Design Plans, if available			
Tape measure with weight			
Plumb bob			
Range Pole			
A 1000 Foot Roll of yellow Polyethylene Barricade Tap	pe printed with the following message:		
CAEETY HAZADD KEED A	MAV		

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