HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 09S81460009

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: **HIGHWAY 114**CROSSING: **MOORE CREEK**

LATITUDE:: N 35.99572 DEGREES LONGITUDE: W 88.27825 DEGREES

COUNTY: CARROLL
ROUTE: SR114
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 18.06
YEAR BUILT: 1959

		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - CHANNEL BEAM	APPR. SPAN: NOT APPLICABLE	
		TVPE OF SUPERFUETURE	
ADLITMENTS.	TIMBER CAR ON TIMBER BU E FOUN	TYPE OF SUBSTRUCTURE ————————————————————————————————————	
ABUTMENTS:			
BENTS:	TIMBER PILE BENT ON PILE FOUND	ATION	
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION ————————————————————————————————————	
-	our critical; bridge foundations det ling scour countermeasures.	ermined 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 floods	<u>.</u>	
1. (2. ([] - Chec	movement - horizontally as we Check displacement / deflection Check for plumb of piers or ben k for embankment erosion k for drift build-up on piers or k	along curb line, both bridge rails and outer edge of bridge deck. ts.	
[] - Check pier exposure, if possible, and compare to previous inspection			
[] - Review the latest bridge inspection report versus current field conditions			
If Closure is	recommended:		
			
Cour temp	nty or City Maintenance Person	ross road until bridge is secured and properly closed by District, nel. Use Barricade Tape, traffic cones and/or traffic flares as sts to stay off of the bridge until such time as the bridge may	
		pervisor (if bridge is State maintained)	
	(2) City or County Highway	Maintenance Official (if bridge is not State maintained)	
	(3) Tennessee Highway Pa	trol 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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	th State District maintenance or local highway maintenance Any bridge 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) 571-8883		
TENNESSEE HIGHWAY PATROL	(731) 423-6635		
] - 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 In Latest Bridge Inspection Report	spection:		
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 Barrica			
SAFFTY HAZARD	KEEP AWAY		

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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