HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 57SR1380007

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: **SR-138**CROSSING: **OVERFLOW**

LATITUDE:: N 35.48103 DEGREES
LONGITUDE: W 89.04344 DEGREES

COUNTY: MADISON
ROUTE: SR138
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 4.69

LON	IGITUDE: W 89.04344 DEGREES	YEAR BUILT: 1949	
		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - CHANNEL BEAM	APPR. SPAN: NOT APPLICABLE	
		TYPE OF SUBSTRUCTURE	
ABUTMENTS:	TIMBER CAP ON TIMBER PILE FOU	NDATION	
BENTS:	TIMBER PILE BENT ON PILE FOUND	PATION	
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION	
	our critical; bridge foundations de stalled and is in good condition.	termined to be unstable for calculated scour conditions. Rip-rap protection	
		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>	
[] - Span	movement - horizontally as we	ell as vertically	
	•	n along curb line, both bridge rails and outer edge of bridge deck.	
	Check for plumb of piers or ber		
	k for embankment erosion		
	k for drift build-up on piers or	pents	
	• •	d compare to previous inspection	
		report versus current field conditions	
lf Clasura is	rocommonded		
	recommended:		
Coun temp	ty or City Maintenance Person	cross road until bridge is secured and properly closed by District, nel. Use Barricade Tape, traffic cones and/or traffic flares as ists to stay off of the bridge until such time as the bridge may	
[] - Conta	act: (1) District Maintenance S	upervisor (if bridge is State maintained)	
	(2) City or County Highwa	y 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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[] - The bridge inspection team will work with State District maintenance or local highway maintenance



officials in establishing a detour route. Any b prior to signing the detour route.	ridge 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	(731) 423-6635		
The report shall include the date and time of t			
Suggested List of Equipment to conduct the Inspec	etion:		
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 T			
SAFETY HAZARD KEEI	PAWAY		

A Barricade Tape Dispenser with serrated cutter

A roll of Duct Tape

Traffic Cones - Minimum of four (4)

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

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

TDOT radio directory (State Personnel only)