HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 24\$81090043

BRIDGE OWNER: STATE OF TENNESSEE
ROAD NAME: CHULAHOMA RD
CROSSING: SHAW CREEK

LATITUDE:: N 35.08208 DEGREES
LONGITUDE: W 89.59672 DEGREES

COUNTY: FAYETTE
ROUTE: SR196
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 6.79

LONGITUDE: W 89.59672 DEGREES		YEAR BUILT: 1982	
		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	DATION	
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION	
	our critical; bridge foundations de ing scour countermeasures.	termined 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 cl	heck on a bridge during floods	<u>:</u>	
[] - Span	movement - horizontally as we	ell as vertically	
1. C	heck displacement / deflection	n along curb line, both bridge rails and outer edge of bridge deck.	
2. C	heck for plumb of piers or ber	nts.	
[] - Checl	k for embankment erosion		
[] - Checl	k for drift build-up on piers or	bents	
[] - Checl	k pier exposure, if possible, an	d compare to previous inspection	
[] - Revie	w the latest bridge inspection	report versus current field conditions	
<u>If Closure is</u>	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	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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	ate District maintenance or local highway maintenance 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	(901) 484-2610
TENNESSEE HIGHWAY PATROL	(901) 543-6256
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	Tape printed with the following message:
SAFETY HAZARD KEEI	P AWAY
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)

A roll of Duct Tape