HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 43100400012 COUNTY: HUMPHREYS

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: 140

CROSSING: BUFFALO RIVER

ROUTE: 10040

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

LOG MILE: 6.26

ΙA	TITUDE:: N 35.88165 DEGREES	LOG MILE: 6.26	
	IGITUDE: W 87.83500 DEGREES		
		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	STEEL CONTINUOUS - STRINGER/I		
		TYPE OF SUBSTRUCTURE	
ABUTMENTS:	CONCRETE STUB ABUTMENT ON S	STEEL PILE FOUNDATION	
BENTS:	STEEL PILE BENT ON PILE FOUNDATION		
PIERS:	CONCRETE SOLID SHAFT PIER ON	TIMBER PILE FOUNDATION	
		SCOUR EVALUATION	
	our critical; bridge foundations de ing 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:	
[] - Span 1. C 2. C [] - Chec [] - Chec	Check for plumb of piers or be k for embankment erosion k for drift build-up on piers or k pier exposure, if possible, a	ell as vertically n along curb line, both bridge rails and outer edge of bridge deck. nts.	
If Closure is	recommended:		
Coun temp	ity 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	
-	• •	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	
	Bridge should remain closed u TDOT bridge inspection team.	ntil the water recedes and a daylight visual inspection is made	

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[] - The bridge inspection team will work with State District maintenance or local highway maintenance



officials in establishing a detour route. Ar prior to signing the detour route.	ny bridge on the selected detour route shall be checked		
	dge can be re-opened only after a TDOT bridge inspection team checks the substructure nd they are determined to be structurally stable.		
CONTACT PERSONNEL:	TELEPHONE NUMBER:		
REGION BRIDGE ENGINEER	(615) 476-8860		
DISTRICT MAINTENANCE SUPERVISOR	(931) 205-6399		
TENNESSEE HIGHWAY PATROL	(615) 741-3181		
as appropriate, photographs of the bridge	of the inspection, a brief summary of findings and, and stream channel measurements. If significant so be copied to Bridge Inspection Headquarters.		
Suggested List of Equipment to conduct the Ins	spection:		
Latest Bridge Inspection Report			
Scour POA Report with the above Checklist			
Bridge Design Plans, if available			
Tape measure with weight Plumb bob			
Range Pole	do Tono printed with the following massage:		
A 1000 Foot Roll of yellow Polyethylene Barrica SAFETY HAZARD K			
SAFEIT MAZARU N	AEEF AVVAT		

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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