HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 180A4000001 COUNTY: CUMBERLAND

BRIDGE OWNER: CITY OF CROSSVILLE

ROAD NAME: **SPARTA DR**CROSSING: **OBED RIVER**

LATITUDE:: N 35.95751 DEGREES
LONGITUDE: W 85.05029 DEGREES

ROUTE: 0A400
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.77

LON	IGITUDE: W 85.05029 DEGREES	S	YEAR BUILT: 1926
MAIN SPAN:	CONCRETE - TEE BEAM	TYPE OF SUPERSTRUCTURE APPR. SPAN:	NOT APPLICABLE
		TYPE OF GUPOTRUOTURE	
ADLITMENTS.	CONCRETE FULL LIFECUT ADUTAN	TYPE OF SUBSTRUCTURE =	
	CONCRETE FULL HEIGHT ABUTME	ENT ON UNKNOWN FOUNDATION	
BENTS:	NOT APPLICABLE		
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION -	
	ınknown foundations. Risk of sc icant flood events. Monitor bridg		bridge shall be monitored for distress termeasures.
		- INSPECTION PROCEDURES -	
What Initiated the Call-out Inspection?		[] BridgeWatch Alert	
		-	al Maintenance Personnel
		[] THP or Local Law Ent	
Things to cl	heck on a bridge during flood	<u>s:</u>	
1. C 2. C	Check for plumb of piers or be	on along curb line, both bridge	e rails and outer edge of bridge deck.
[] - Checl	k for embankment erosion		
[] - Checl	k for drift build-up on piers or	bents	
[] - Checl	k pier exposure, if possible, a	nd compare to previous inspe	ection
[] - Revie	w the latest bridge inspection	report versus current field c	onditions
	recommended:		
Coun temp	ity or City Maintenance Perso	nnel. Use Barricade Tape, traf rists to stay off of the bridge	eured and properly closed by District, ffic cones and/or traffic flares as until such time as the bridge may
[] - Conta	act: (1) District Maintenance S	Supervisor (if bridge is State	maintained)
	(2) City or County Highwa	ay Maintenance Official (if br	idge is not State maintained)
	(3) Tennessee Highway P	atrol and/or local law enforce	ment Officers as appropriate
	(4) TDOT Regional Bridge		
	Bridge should remain closed until the water recedes and a daylight visual inspection is made 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 bridge on the selected detour route shall be checked prior to signing the detour route. 			
	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:			
CITY MAYOR'S OFFICE	(931) 484-5113			
CITY ENGINEER'S OFFICE	(931) 456-6172			
POLICE OFFICE	(931) 484-7231			
PUBLIC WORKS DIRECTOR	(931) 484-7361			
 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 Inspecti	on:			
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 Tape printed with the following message:				
SAFETY 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