HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 55\$81220003

BRIDGE OWNER: STATE OF TENNESSEE
ROAD NAME: SHILOH-ADAMSVILLE RD
CROSSING: GRAHAM CREEK

LATITUDE:: N 35.19478 DEGREES LONGITUDE: W 88.38442 DEGREES

COUNTY: McNAIRY
ROUTE: SR117
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 3.50
YEAR BUILT: 1957

20.	1011052: 11 00:00442	(E) ((B) (E) (100)	
		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE	
		TYPE OF SUBSTRUCTURE	
ABUTMENTS:	CONCRETE STUB ABUTMENT ON C	ONCRETE PILE FOUNDATION	
BENTS:	CONCRETE PILE BENT ON PILE FO	UNDATION	
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION	
Dridge is see	our critical, bridge foundations de		
	our critical; bridge foundations de stalled and is in good condition.	termined to be unstable for calculated scour conditions. Rip-rap protection	l
		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 w	ell as vertically	
	-	n along curb line, both bridge rails and outer edge of bridge deck.	
	Check for plumb of piers or be		
	k for embankment erosion		
	k for drift build-up on piers or	bents	
	• •	d compare to previous inspection	
		report versus current field conditions	
[]	m the latest shage meposion	roport volcas carroit nota contaitorio	
lf Closure is	recommended:		
Coun temp	nty or City Maintenance Persor	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 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	

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) 694-6673		
TENNESSEE HIGHWAY PATROL	(731) 423-6635		
The report shall include the date and time as appropriate, photographs of the bridg	 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	nspection:		
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 Barrica	ade Tane printed with the following message:		
SAFETY HAZADD			

PUBLICATION DATE

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