HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 79SR0140001

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: S THIRD ST

CROSSING: HORN LAKE CREEK

LATITUDE:: N 34.99911 DEGREES

LONGITUDE: W 90.11886 DEGREES

ROUTE: SR014
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.58
YEAR BUILT: 1928

COUNTY: SHELBY

		TYPE OF SUPERSTRUCTURE
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE
		TYPE OF SUBSTRUCTURE
ABUTMENTS:	CONCRETE STUB ABUTMENT ON C	
BENTS:	CONCRETE PILE BENT ON PILE FO	UNDATION
PIERS:		WEB WALL (DUMB BELL) ON TIMBER PILE FOUNDATION
D.1		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
1. 0	Check displacement / deflection	n along curb line, both bridge rails and outer edge of bridge deck.
2. 0	Check for plumb of piers or ber	nts.
[] - Chec	k for embankment erosion	
[] - Chec	k for drift build-up on piers or	bents
[] - Chec	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	nty 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
	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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	will work with State District maintenance or local highway maintenance tour route. Any bridge on the selected detour route shall be checked oute.		
	 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 SUPERV	ISOR (901) 484-2610		
TENNESSEE HIGHWAY PATROL	(901) 543-6256		
The report shall include the cas appropriate, photographs	- 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 co	anduct the Inspection:		
	nadet the mopostom.		
Latest Bridge Inspection Report Scour POA Report with the above	Chacklist		
Bridge Design Plans, if available	CHECKIIST		
Tape measure with weight			
Plumb bob			
Range Pole			
•	ylene Barricade Tape printed with the following message:		
•	TV HAZADD KEED AWAY		

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)

17-Apr-19