HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 33SR0580023

BRIDGE OWNER: STATE OF TENNESSEE
ROAD NAME: SILVERDALE HWY
CROSSING: HARRISON CREEK

LATITUDE:: N 35.12537 DEGREES
LONGITUDE: W 85.12518 DEGREES

COUNTY: HAMILTON
ROUTE: SR058
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 10.39
YEAR BUILT: 1938

		TYPE OF SUPERSTRUCTURE
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE
		TYPE OF SUBSTRUCTURE
ABUTMENTS:	CONCRETE STUR ARUTMENT ON (CONCRETE SPREAD FOOTING FOUNDATION
BENTS:	NOT APPLICABLE	SONGRETE SI READ I COTING I CONDATION
PIERS:		CONCRETE SPREAD FOOTING FOUNDATION
TIERO.	CONCRETE SOLID STIAL THER ON	
		SCOUR EVALUATION
		our cannot be determined. The bridge shall be monitored for distress e in lieu of installing scour countermeasures.
		INSPECTION PROCEDURES
What Initiat	ted 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>s:</u>
[] - Span	movement - horizontally as w	vell as vertically
	•	on 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
	• •	nd compare to previous inspection
Review the latest bridge inspection report versus current field conditions		
<u>If Closure is</u>	recommended:	
Cour temp	nty 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	ay 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. 	

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	te 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	(423) 290-7467		
DISTRICT MAINTENANCE SUPERVISOR	(423) 290-7491		
TENNESSEE HIGHWAY PATROL	(423) 634-6898		
 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 Inspect	tion:		
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 Ta	ape printed with the following message:		
SAFETY HAZARD KEEP			

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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