HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 35SR0150007

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: US64

CROSSING: SPRING CREEK

LATITUDE:: N 35.25389 DEGREES LONGITUDE: W 88.97258 DEGREES

COUNTY: HARDEMAN
ROUTE: SR015
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 14.71
YEAR BUILT: 1930

TYPE OF SUPERSTRUCTURE MAIN SPAN-**CONCRETE - TEE BEAM** APPR. SPAN: NOT APPLICABLE TYPE OF SUBSTRUCTURE ABUTMENTS: CONCRETE STUB ABUTMENT ON CONCRETE PILE FOUNDATION BENTS: **CONCRETE PILE BENT ON PILE FOUNDATION** PIERS: CONCRETE COLUMNS WITH SOLID WEB WALL (DUMB BELL) ON TIMBER PILE FOUNDATION SCOUR EVALUATION Bridge is scour critical; bridge foundations determined to be unstable for calculated scour conditions. Monitor bridge in lieu of installing scour countermeasures. **INSPECTION PROCEDURES** [] BridgeWatch Alert What Initiated the Call-out Inspection? [1 TDOT District or Local Maintenance Personnel [] THP or Local Law Enforcement Personnel [] Other: _ Things to check on a bridge during floods: [] - Span movement - horizontally as well as vertically 1. Check displacement / deflection along curb line, both bridge rails and outer edge of bridge deck. 2. Check for plumb of piers or bents. [] - Check for embankment erosion [] - Check for drift build-up on piers or bents [] - Check pier exposure, if possible, and compare to previous inspection [] - Review the latest bridge inspection report versus current field conditions If Closure is recommended: [] - Stay at bridge with vehicle pulled across road until bridge is secured and properly closed by District, County or City Maintenance Personnel. Use Barricade Tape, traffic cones and/or traffic flares as temporary measures to warn motorists to stay off of the bridge until such time as the bridge may be properly closed and barricaded. [] - Contact: (1) District Maintenance Supervisor (if bridge is State maintained) (2) City or County Highway Maintenance Official (if bridge is not State maintained) (3) Tennessee Highway Patrol 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

PUBLICATION DATE

by a TDOT bridge inspection team.

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officials in esta		ate District maintenance or local highway maintenance ridge on the selected detour route shall be checked
[] - The bridge can units and they a	be re-opened only after a TDO are determined to be structura	OT bridge inspection team checks the substructure ally stable.
CONTACT PERSON	INEL:	TELEPHONE NUMBER:
REGION BRIDGE E	NGINEER	(731) 234-9561
DISTRICT MAINTEN	IANCE SUPERVISOR	(731) 694-6673
TENNESSEE HIGH	NAY PATROL	(901) 543-6256
[] - 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:		
	ipment to conduct the Inspec	etion:
Latest Bridge Inspect	on Report h the above Checklist	
Bridge Design Plans,		
Tape measure with we		
Plumb bob	<i></i>	
Range Pole		
_	llow Polyethylene Barricade T	ape printed with the following message:
•	SVEETA HVAVDU REE	

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