HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 09SR0010043

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: **US70** CROSSING: **OVERFLOW**

LATITUDE:: N 36.03658 DEGREES LONGITUDE: W 88.22622 DEGREES

COUNTY: CARROLL
ROUTE: SR001
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 31.65

YEAR BUILT: 1950 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: **NOT APPLICABLE** 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,

-] 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 by a TDOT bridge inspection team.

PUBLICATION DATE

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	State District maintenance or local highway maintenance bridge on the selected detour route shall be checked
[] - The bridge can be re-opened only after a TD units and they are determined to be structu	OOT bridge inspection team checks the substructure rally stable.
CONTACT PERSONNEL:	TELEPHONE NUMBER:
REGION BRIDGE ENGINEER	(731) 234-9561
DISTRICT MAINTENANCE SUPERVISOR	(731) 571-8883
TENNESSEE HIGHWAY PATROL	(731) 423-6635
The report shall include the date and time of as appropriate, photographs of the bridge at	spection to BridgeWatch scour monitoring system. f the inspection, a brief summary of findings and, nd stream channel measurements. If significant be copied to Bridge Inspection Headquarters.
COMMENTS:	
Suggested List of Equipment to conduct the Inspe	ection:
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	Tane printed with the following message:
SAFETY HAZADD KE	

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