HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 480A2000001 COUNTY: LAKE BRIDGE OWNER: STATE OF TENNESSEE ROUTE: 0A200 SPECIAL CASE: 0 ROAD NAME: REELFOOT LAKE STATE PARK RD COUNTY SEQUENCE: 1 CROSSING: SLOUGH OF REELFOOT LAKE LATITUDE:: N 36.35278 DEGREES LOG MILE: 0.00 LONGITUDE: W 89.40622 DEGREES YEAR BUILT: 1983 TYPE OF SUPERSTRUCTURE MAIN SPAN-**CONCRETE - CHANNEL BEAM** APPR. SPAN: NOT APPLICABLE TYPE OF SUBSTRUCTURE ABUTMENTS: TIMBER CAP ON TIMBER PILE FOUNDATION BENTS: TIMBER PILE BENT ON PILE FOUNDATION PIERS: **NOT APPLICABLE** SCOUR EVALUATION Bridge has unknown foundations. Risk of scour cannot be determined. The bridge shall be monitored for distress during significant flood events. 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 by a TDOT bridge inspection team.

PUBLICATION DATE

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 The bridge inspection team will work with State officials in establishing a detour route. Any brid prior to signing the detour route. 	e District maintenance or local highway maintenance dge on the selected detour route shall be checked
[] - The bridge can be re-opened only after a TDOT units and they are determined to be structurally	bridge inspection team checks the substructure y stable.
CONTACT PERSONNEL:	TELEPHONE NUMBER:
REGION BRIDGE ENGINEER	(731) 234-9561
DISTRICT MAINTENANCE SUPERVISOR	(731) 571-8883
TENNESSEE HIGHWAY PATROL	(901) 543-6256
[] - Summarize and submit findings from the inspect The report shall include the date and time of the as appropriate, photographs of the bridge and s scouring has occurred, the report shall also be	e inspection, a brief summary of findings and, stream channel measurements. If significant
COMMENTS:	
Suggested List of Equipment to conduct the Inspection Latest Bridge Inspection Report	on:
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	
CAEETY HAZADD KEED AWAY	

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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