HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 09\$80950003

BRIDGE OWNER: **STATE OF TENNESSEE**ROAD NAME: **CHRISTMASVILLE RD**

CROSSING: OVERFLOW

LATITUDE:: N 36.05806 DEGREES LONGITUDE: W 88.62292 DEGREES

COUNTY: CARROLL
ROUTE: SR190
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 3.12

YEAR BUILT: 1953 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, 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

PUBLICATION DATE

by a TDOT bridge inspection team.

[] - The Bridge should remain closed until the water recedes and a daylight visual inspection is made

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[] - The bridge inspection team will work with State District maintenance or local highway maintenance



	officials in establishing a detour route. Any I prior to signing the detour route.	bridge 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	(731) 234-9561
	DISTRICT MAINTENANCE SUPERVISOR	(731) 571-8883
	TENNESSEE HIGHWAY PATROL	(731) 423-6635
	as appropriate, photographs of the bridge an	the inspection, a brief summary of findings and, and stream channel measurements. If significant be copied to Bridge Inspection Headquarters.
<u>Sugg</u>	ested List of Equipment to conduct the Inspe	ction:
Lates	t Bridge Inspection Report	
Scoul	r POA Report with the above Checklist	
Bridg	e Design Plans, if available	
Tape	measure with weight	
Pluml	b bob	
_	e Pole	
A 100	0 Foot Roll of yellow Polyethylene Barricade	
	SAFETY HAZARD KEE	P AWAY

Traffic Cones - Minimum of four (4)

A Barricade Tape Dispenser with serrated cutter

TDOT radio directory (State Personnel only)

A roll of Duct Tape

Traffic Safety Flares - Minimum of four (4) or set of electronic warning flashers

TDOT two-way radio (State Personnel only) and/or cellular telephone