HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 38SR0760017

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: **HWY 76 S**CROSSING: **OVERFLOW**

LATITUDE:: N 35.51217 DEGREES LONGITUDE: W 89.25864 DEGREES

COUNTY: HAYWOOD

ROUTE: SR076

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

LOG MILE: 8.22

YEAR BUILT: 1951

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		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 FO	DUNDATION
PIERS:	NOT APPLICABLE	
		SCOUR EVALUATION
Bridge is so	our critical: bridge foundations de	etermined to be unstable for calculated scour conditions. Monitor bridge in
	ling scour countermeasures.	stermined to be dristable for calculated scour conditions. Monitor bridge in
		INSPECTION PROCEDURES
What Initiated 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 flood	<u>s:</u>
[] - Span	movement - horizontally as w	vell as vertically
	•	on along curb line, both bridge rails and outer edge of bridge deck.
2. (Check for plumb of piers or be	nts.
[] - Chec	k for embankment erosion	
[] - Chec	k for drift build-up on piers or	bents
[] - Chec	k pier exposure, if possible, a	nd compare to previous inspection
[] - Review the latest bridge inspection report versus current field conditions		
If Closure is	<u>recommended:</u>	
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.
[] - Conta	act: (1) District Maintenance S	Supervisor (if bridge is State maintained)
	(2) City or County Highwa	ay Maintenance Official (if bridge is not State maintained)
	(3) Tennessee Highway P	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. 	

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 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) 694-6673		
TENNESSEE HIGHWAY 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:			
Suggested List of Equipment to conduct the Inspecti	on:		
Latest Bridge Inspection Report			
Scour POA Report with the above Checklist			
Bridge Design Plans, if available			
Tape measure with weight			
Plumb bob			
Range Pole	no printed with the following manages.		
A 1000 Foot Roll of yellow Polyethylene Barricade Ta SAFETY HAZARD KEEP			

TDOT radio directory (State Personnel only)

Traffic Cones - Minimum of four (4)

A Barricade Tape Dispenser with serrated cutter

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

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

A roll of Duct Tape