## HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 38SR0760005

BRIDGE OWNER: STATE OF TENNESSEE

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

LATITUDE:: N 35.50211 DEGREES LONGITUDE: W 89.26375 DEGREES

COUNTY: HAYWOOD

ROUTE: SR076

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

LOG MILE: 7.48

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 sco	our critical: bridge foundations de	etermined to be unstable for calculated scour conditions. Monitor bridge in		
	ling scour countermeasures.	stermined to be directable for ealediated ecoul conditions. Member shage in		
		- INSPECTION PROCEDURES -		
What Initiat	ed 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.		
	Check for plumb of piers or be			
[ ] - 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		
		report versus current field conditions		
<u>If Closure is</u>	recommended:			
Cour temp	nty or City Maintenance Person	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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officials in estab		te District maintenance or local highway maintenance ridge 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 PERSONI	<u>IEL:</u>	TELEPHONE NUMBER:	
REGION BRIDGE EN	GINEER	(731) 234-9561	
DISTRICT MAINTEN	ANCE SUPERVISOR	(731) 694-6673	
TENNESSEE HIGHW	AY PATROL	(901) 543-6256	
<ul> <li>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.     </li> </ul>			
COMMENTS:			
Suggested List of Equi	pment to conduct the Inspec	tion:	
Latest Bridge Inspection	on Report		
Scour POA Report with	the above Checklist		
Bridge Design Plans, if	available		
Tape measure with we	ght		
Plumb bob			
Range Pole			
A 1000 Foot Roll of yel		ape printed with the following message:	
	SAFETY HAZARD KEEF	PAWAY	

**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