HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 37SR0700025

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: **HWY 70**CROSSING: **BRANCH**

LATITUDE:: N 36.48110 DEGREES LONGITUDE: W 82.98828 DEGREES

COUNTY: HAWKINS
ROUTE: SR070
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 11.43

LON	IGITUDE: W 82.98828 DEGREES	YEAR BUILT: 1930	
		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE	
		TYPE OF SUBSTRUCTURE	
ABUTMENTS:	TMENTS: CONCRETE FULL HEIGHT ABUTMENT ON UNKNOWN FOUNDATION		
BENTS:	NOT APPLICABLE		
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION	
		our cannot be determined. The bridge shall be monitored for distress in lieu of installing scour countermeasures.	
		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 floods	<u>::</u>	
	movement - horizontally as w	-	
	·	n along curb line, both bridge rails and outer edge of bridge deck.	
	Check for plumb of piers or be	nts.	
	k for embankment erosion		
	k for drift build-up on piers or		
[] - Check pier exposure, if possible, and compare to previous inspection			
[] - Revie	w the latest bridge inspection	report versus current field conditions	
If Closure is	recommended:		
		cross road until bridge is secured and properly closed by District,	
Coun temp	ity or City Maintenance Persor	inel. Use Barricade Tape, traffic cones and/or traffic flares as ists to stay off of the bridge until such time as the bridge may	
[] - Conta	act: (1) District Maintenance S	upervisor (if bridge is State maintained)	
	(2) City or County Highwa	y 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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	ate District maintenance or local highway maintenance oridge 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	(865) 712-8292		
DISTRICT MAINTENANCE SUPERVISOR	(423) 202-5393		
TENNESSEE HIGHWAY PATROL	(423) 348-6144		
 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 Inspectatest Bridge Inspection Report	ction:		
Scour POA Report with the above Checklist			
Bridge Design Plans, if available			
Tape measure with weight			
Plumb bob			
Range Pole	Tong printed with the following process.		
A 1000 Foot Roll of yellow Polyethylene Barricade			
SAFETY HAZARD KEE	C AVVAT		

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)