HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 38SR0010005

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: **HWY 70 E**CROSSING: **OVERFLOW**

LATITUDE:: N 35.47681 DEGREES LONGITUDE: W 89.38781 DEGREES

COUNTY: HAYWOOD
ROUTE: SR001
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 5.58
YEAR BUILT: 1926

20.	(O.1001) DEGREE	i Education 1920
		TYPE OF SUPERSTRUCTURE
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE
		TYPE OF SUBSTRUCTURE
ABUTMENTS:	CONCRETE FULL HEIGHT ABUTME	ENT ON TIMBER 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	<u>heck on a bridge during flood</u>	<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
[] - Revie	ew the latest bridge inspection	report versus current field conditions
<u>If Closure is</u>	<u>recommended:</u>	
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	e Engineer
] - The Bridge should remain closed until the water recedes and a daylight visual inspection is made by a TDOT bridge inspection team.	

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	ate 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 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 Inspectatest Bridge Inspection Report	etion:	
Scour POA Report with the above Checklist		
Bridge Design Plans, if available		
Tape measure with weight		
Plumb bob		
Range Pole	Tama muintad with the fallowing was a series	
A 1000 Foot Roll of yellow Polyethylene Barricade 3		
SAFELT MAZARD NEE	C AVVA I	

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