HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 38SR0010013

BRIDGE OWNER: STATE OF TENNESSEE

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

LATITUDE:: N 35.49278 DEGREES LONGITUDE: W 89.37372 DEGREES

COUNTY: HAYWOOD
ROUTE: SR001
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 6.94
YEAR BUILT: 1924

		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE	
		TYPE OF SUPETRUCTURE	
A DI ITMENITO:	CONCRETE FULL HEIGHT ABUTME	TYPE OF SUBSTRUCTURE	
BENTS:	CONCRETE PULL HEIGHT ABOTMENT CONCRETE PILE BENT ON PILE FOR		
PIERS:		UNDATION	
FIERS.	NOT APPLICABLE		
		SCOUR EVALUATION	
•	our critical; bridge foundations de ling scour countermeasures.	termined to be unstable 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 floods	<u>:</u>	
[] - Span	movement - horizontally as we	ell as vertically	
		n along curb line, both bridge rails and outer edge of bridge deck.	
2. (Check for plumb of piers or ben	nts.	
[] - Chec	k for embankment erosion		
[] - Chec	k for drift build-up on piers or l	bents	
[] - Chec	k pier exposure, if possible, an	d compare to previous inspection	
[] - Revie	ew the latest bridge inspection	report versus current field conditions	
	-		
If Closure is	recommended:		
Cour temp	nty or City Maintenance Person	cross road until bridge is secured and properly closed by District, nel. 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 Highway	y Maintenance Official (if bridge is not State maintained)	
	(3) Tennessee Highway Pa	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

HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



officials in esta		ate District maintenance or local highway maintenance ridge on the selected detour route shall be checked	
[] - The bridge can units and they a	 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 PERSON	INEL:	TELEPHONE NUMBER:	
REGION BRIDGE E	NGINEER	(731) 234-9561	
DISTRICT MAINTEN	IANCE SUPERVISOR	(731) 694-6673	
TENNESSEE HIGH	NAY PATROL	(901) 543-6256	
The report shall as appropriate,	 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:			
	ipment to conduct the Inspec	etion:	
Latest Bridge Inspect	on Report h the above Checklist		
Bridge Design Plans,			
Tape measure with we			
Plumb bob	<i></i>		
Range Pole			
_	llow Polyethylene Barricade T	ape printed with the following message:	
•	SVEETA HVAVDU REE		

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