HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 38SR0760013

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: **HWY 76 S**CROSSING: **BEAR CREEK**

LATITUDE:: N 35.50869 DEGREES
LONGITUDE: W 89.26069 DEGREES

COUNTY: HAYWOOD

ROUTE: SR076

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

LOG MILE: 7.95

YEAR BILLIT: 1951

LON	NGHODE. W 69.20009 DEGREE	1 EAR BOILT. 1931
		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 unstable for calculated scour conditions. Mornior 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	rell as vertically
	•	n 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>	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	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	e Engineer
	Bridge should remain closed u TDOT bridge inspection team.	ntil the water recedes and a daylight visual inspection is made

PUBLICATION DATE

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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,	include the date and time of the ohotographs of the bridge and	ection to BridgeWatch scour monitoring system. he inspection, a brief summary of findings and, d stream channel measurements. If significant e 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