HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 32SR1600001

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: **ENKA HWY**CROSSING: **OVERFLOW**

LATITUDE:: N 36.12837 DEGREES LONGITUDE: W 83.17755 DEGREES

COUNTY: HAMBLEN
ROUTE: SR160
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.14
YEAR BUILT: 1958

		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE	
		TYPE OF SUBSTRUCTURE	
ABUTMENTS:	CONCRETE STUB ABUTMENT ON		
BENTS: CONCRETE PILE BENT ON PILE FOUNDATION		OUNDATION	
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION	
Bridge has i	inknown foundations. Risk of sc	cour cannot be determined. The bridge shall be monitored for distress	
		ge 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 flood	<u>ls:</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	ents.	
[] - Chec	k for embankment erosion		
[] - Chec	k for drift build-up on piers or	bents	
[] - Chec	[] - Check pier exposure, if possible, and compare to previous inspection		
[] - Review the latest bridge inspection report versus current field conditions			
<u>If Closure is</u>	recommended:		
[] - Stay at bridge with vehicle pulled across road until bridge is secured and properly closed by District			
		nnel. Use Barricade Tape, traffic cones and/or traffic flares as	
	roperly closed and barricaded	orists to stay off of the bridge until such time as the bridge may	
-	• •	 Supervisor (if bridge is State maintained)	
[] 00	• •	ay Maintenance Official (if bridge is not State maintained)	
		Patrol and/or local law enforcement Officers as appropriate	
	(4) TDOT Regional Bridge		
[] - The E		until the water recedes and a daylight visual inspection is made	

PUBLICATION DATE

by a TDOT bridge inspection team.

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	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 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 Inspect Latest Bridge Inspection Report	tion:		
Scour POA Report with the above Checklist			
Bridge Design Plans, if available			
Tape measure with weight			
Plumb bob			
Range Pole			
A 1000 Foot Roll of yellow Polyethylene Barricade Ta	ape printed with the following message:		
SAFETY HAZARD KEEP	AWAY		

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)