HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 35SR1000013

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: HWY 100

CROSSING: HATCHIE RIVER

LATITUDE:: N 35.34711 DEGREES LONGITUDE: W 89.01572 DEGREES

COUNTY: HARDEMAN
ROUTE: SR100
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 8.51
YEAR BUILT: 1964

		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 COLUMN TWO POST B	BENT ON TIMBER PILE FOUNDATION
PIERS:	CONCRETE COLUMNS WITH SOLI	D WEB WALL (DUMB BELL) ON TIMBER PILE FOUNDATION
		SCOUR EVALUATION
	our critical; bridge foundations de ling scour countermeasures.	etermined to be unstable for calculated scour conditions. Monitor bridge in
		INSPECTION PROCEDURES
What Initiat	ed 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>s:</u>
[] - Snan	movement - horizontally as w	vell as vertically
	_	on along curb line, both bridge rails and outer edge of bridge deck.
	Check for plumb of piers or be	
	k for embankment erosion	
	k for drift build-up on piers or	hents
	• •	nd compare to previous inspection
		report versus current field conditions
[] - IXEVIC	w the latest bridge mapection	report versus current neia conditions
If Closure is	recommended:	
		cross road until bridge is secured and properly closed by District,
Coun temp	nty or City Maintenance Persor	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	ct: (1) District Maintenance Supervisor (if bridge is State maintained)	
	(2) City or County Highway 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 E	- The Bridge should remain closed until the water recedes and a daylight visual inspection is made	

PUBLICATION DATE

by a TDOT bridge inspection team.

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[] - The bridge inspection team will work with State District maintenance or local highway maintenance



officials in establishing a detour route. Any brid	lge on the selected detour route shall be checked
[] - The bridge can be re-opened only after a TDOT units and they are determined to be structurally	
CONTACT PERSONNEL:	TELEPHONE NUMBER:
REGION BRIDGE ENGINEER	(731) 234-9561
DISTRICT MAINTENANCE SUPERVISOR	(731) 694-6673
TENNESSEE HIGHWAY PATROL	(901) 543-6256
The report shall include the date and time of the as appropriate, photographs of the bridge and s scouring has occurred, the report shall also be commented.	tream channel measurements. If significant copied to Bridge Inspection Headquarters.
Suggested List of Equipment to conduct the Inspection	on:
Latest Bridge Inspection Report	
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 Tap	
SAFETY HAZARD KEEP A	AWAY

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