## HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 35SR1000009

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: **HWY 100**CROSSING: **SHORT CREEK** 

LATITUDE:: N 35.34358 DEGREES LONGITUDE: W 89.02508 DEGREES

COUNTY: HARDEMAN
ROUTE: SR100
SPECIAL CASE: 0
COUNTY SEQUENCE: 1

LOG MILE: **7.92** YEAR BUILT: **1964** 

		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE	
		TYPE OF SUBSTRUCTURE	
ABUTMENTS:	CONCRETE STUB ABUTMENT ON C		
BENTS:	CONCRETE PILE BENT ON PILE FOR		
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION	
Dridge is see	our critical bridge foundations do		
	stalled and is in good condition.	termined to be unstable for calculated scour conditions. Rip-rap protection	
		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 floods</u>	<u>:</u>	
[ ] - Span	movement - horizontally as we	ell as vertically	
1. (	Check displacement / deflection	along curb line, both bridge rails and outer edge of bridge deck.	
2. (	Check for plumb of piers or ben	ts.	
[ ] - Chec	k for embankment erosion		
[ ] - Chec	k for drift build-up on piers or b	pents	
[ ] - Check pier exposure, if possible, and compare to previous inspection			
[ ] - Review the latest bridge inspection report versus current field conditions			
lf Clasura is	s recommended:		
		ross road until bridge is secured and properly closed by District, nel. Use Barricade Tape, traffic cones and/or traffic flares as	
		sts to stay off of the bridge until such time as the bridge may	
	roperly closed and barricaded.		
[ ] - Conta	act: (1) District Maintenance S	upervisor ( if bridge is State maintained )	
	(2) City or County Highway	Maintenance Official (if bridge is not State maintained)	
	(3) Tennessee Highway Pa	trol and/or local law enforcement Officers as appropriate	
	(4) TDOT Regional Bridge	Engineer	
	Bridge should remain closed ur TDOT bridge inspection team.	ntil the water recedes and a daylight visual inspection is made	

## **PUBLICATION DATE**

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	State District maintenance or local highway maintenance by bridge on the selected detour route shall be checked		
	<ul> <li>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.</li> </ul>		
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 Ins  Latest Bridge Inspection Report	pection:		
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 Barrica			
SAFETY HAZARD K	EEP AWAY		

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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

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