## HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 51S61781001
BRIDGE OWNER: LEWIS COUNTY
ROAD NAME: SALEM RD
CROSSING: INDIAN CREEK

LATITUDE:: N 35.60758 DEGREES
LONGITUDE: W 87.45782 DEGREES

COUNTY: LEWIS
ROUTE: 00955
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 1.23
YEAR BUILT: 1960

LON	NGHODE. W 67.43762 DEGREES	TEAN BOILT. 1900
		TYPE OF SUPERSTRUCTURE
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE
		TYPE OF SUBSTRUCTURE
ABUTMENTS:	CONCRETE STUB ABUTMENT ON S	STEEL PILE FOUNDATION
BENTS:	STEEL PILE BENT ON PILE FOUND	ATION
PIERS:	NOT APPLICABLE	
		SCOUR EVALUATION
Bridge is sco	our critical: bridge foundations de	etermined to be unstable for calculated scour conditions. Rip-rap protection
		fective. Major repair or replacement of the protection system is needed.
		INSPECTION PROCEDURES
What Initiat	ed the Call-out Inspection?	[ ] BridgeWatch Alert
What initiated the Gan-Gut inspection:		[ ] 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>
_	movement - horizontally as w	
		n 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	bents
	• •	nd compare to previous inspection
Review the latest bridge inspection report versus current field conditions		
[ ]	on and larger zinage mepeemen	
<u>If Closure is</u>	recommended:	
Coun temp	ity or City Maintenance Persor	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 Pa	atrol and/or local law enforcement Officers as appropriate
	(4) TDOT Regional Bridge	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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[ ] - The bridge inspection team will work with State District maintenance or local highway maintenance



officials in establishing a detour route. Any bri prior to signing the detour route.	dge on the selected detour route shall be checked	
[ ] - The bridge can be re-opened only after a TDOT bridge inspection team checks the substructurally stable.		
CONTACT PERSONNEL:	TELEPHONE NUMBER:	
COUNTY MAYOR'S OFFICE	(931) 796-3378	
HWY. CHIEF ADMINISTRATOR'S OFFICE	(931) 796-2287	
COUNTY SHERIFF'S OFFICE	(931) 796-5096	
The report shall include the date and time of th as appropriate, photographs of the bridge and scouring has occurred, the report shall also be	stream channel measurements. If significant copied to Bridge Inspection Headquarters.	
Suggested List of Equipment to conduct the Inspecti	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 Ta	pe printed with the following message:	
SAFETY HAZARD KEEP	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