## HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 79SR0140031

BRIDGE OWNER: STATE OF TENNESSEE
ROAD NAME: AUSTIN PEAY HWY
CROSSING: OVERFLOW

LATITUDE:: N 35.26836 DEGREES
LONGITUDE: W 89.86233 DEGREES

COUNTY: SHELBY
ROUTE: SR014
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 26.28
VEAR BUILT: 1952

LOIN	NOTIONE: W 69.00233 DEGREE	I LAN BOILT. 1932		
		TYPE OF SUPERSTRUCTURE		
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE		
		TYPE OF SUBSTRUCTURE		
ABUTMENTS:	CONCRETE STUB ABUTMENT ON (	ONCRETE PILE FOUNDATION		
BENTS:	CONCRETE PILE BENT ON PILE FOUNDATION			
PIERS:	NOT APPLICABLE			
		SCOUR EVALUATION		
Bridge is see	our critical: bridge foundations de	termined to be unstable for calculated scour conditions. Rip-rap protection		
	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	heck on a bridge during flood	<u>:</u>		
[ ] - Span	movement - horizontally as w	ell as vertically		
1. 0	Check displacement / deflectio	n along curb line, both bridge rails and outer edge of bridge deck.		
2. 0	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	d compare to previous inspection		
[ ] - Revie	ew the latest bridge inspection	report versus current field conditions		
<u>lf Closure is</u>	recommended:			
Coun temp	nty or City Maintenance Persor	cross road until bridge is secured and properly closed by District, nel. Use Barricade Tape, traffic cones and/or traffic flares as ists to stay off of the bridge until such time as the bridge may		
[ ] - Conta	act: (1) District Maintenance S	upervisor ( 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	Engineer		
	] - The Bridge should remain closed until the water recedes and a daylight visual inspection is made by a TDOT bridge inspection team.			

## **PUBLICATION DATE**

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officia	•	e District maintenance or local highway maintenance idge 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>		
CONTAC	CT PERSONNEL:	TELEPHONE NUMBER:	
REGION	BRIDGE ENGINEER	(731) 234-9561	
DISTRIC	CT MAINTENANCE SUPERVISOR	(901) 484-2610	
TENNES	SSEE HIGHWAY PATROL	(901) 543-6256	
The repart as approximately	port shall include the date and time of the ropriate, photographs of the bridge and	ection to BridgeWatch scour monitoring system. see inspection, a brief summary of findings and, stream channel measurements. If significant copied to Bridge Inspection Headquarters.	
COMMENTS:			
Suggested L	ist of Equipment to conduct the Inspect	ion:	
Latest Bridge	e Inspection Report		
	Report with the above Checklist		
	ın Plans, if available		
•	re with weight		
Plumb bob			
Range Pole			
A 1000 Foot	Roll of yellow Polyethylene Barricade Ta		
	SAFETY HAZARD KEEP	AVVAT	

**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)

17-Apr-19