HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 79SR0140039

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

LATITUDE:: N 35.27919 DEGREES LONGITUDE: W 89.85147 DEGREES

COUNTY: SHELBY
ROUTE: SR014
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 27.25
YEAR BUILT: 1952

LOI	10110DL. W 69.03147 DEGREE	TEAN BOILT. 1932	
		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 PILE BENT ON PILE FO	DUNDATION	
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION	
Dridge is see	our critical: bridge foundations d		
	stalled and is in good condition.	etermined 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>s:</u>	
[] - Span	movement - horizontally as w	vell as vertically	
	•	on 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	nd compare to previous inspection	
[] - Revie	ew the latest bridge inspection	report versus current field conditions	
If Closure is	<u>recommended:</u>		
Coun temp	nty or City Maintenance Person	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	ay 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	e 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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[] - The bridge inspection team will work with State District maintenance or local highway maintenance



officials in establishing a detour rou prior to signing the detour route.	te. Any bridge on the selected detour route shall be checked		
	ridge can be re-opened only after a TDOT bridge inspection team checks the substructure and they are determined to be structurally stable.		
CONTACT PERSONNEL:	TELEPHONE NUMBER:		
REGION BRIDGE ENGINEER	(731) 234-9561		
DISTRICT MAINTENANCE SUPERVISOR	(901) 484-2610		
TENNESSEE HIGHWAY PATROL	(901) 543-6256		
as appropriate, photographs of the b	time of the inspection, a brief summary of findings and, ridge and stream channel measurements. If significant all also be copied to Bridge Inspection Headquarters.		
Suggested List of Equipment to conduct the	ne Inspection:		
Latest Bridge Inspection Report	n4		
Scour POA Report with the above Checklis Bridge Design Plans, if available	St .		
Tape measure with weight			
Plumb bob			
Range Pole			
_	arricade Tape printed with the following message:		
	ARD KEEP AWAY		

A Barricade Tape Dispenser with serrated cutter

A roll of Duct Tape

Traffic Cones - Minimum of four (4)

Traffic Safety Flares - Minimum of four (4) or set of electronic warning flashers

TDOT two-way radio (State Personnel only) and/or cellular telephone

TDOT radio directory (State Personnel only)