HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 27SR0760003

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

CROSSING: N. FK. FORKED DEER RIVER
LATITUDE:: N 35.89089 DEGREES
LONGITUDE: W 88.81072 DEGREES

COUNTY: GIBSON
ROUTE: SR076
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 8.89

LON	GITUDE: W 88.81072 DEGREES	YEAR BUILT: 1930
		TYPE OF SUPERSTRUCTURE
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE
		TYPE OF SUBSTRUCTURE
ABUTMENTS:	CONCRETE STUB ABUTMENT ON C	ONCRETE PILE FOUNDATION
BENTS:	CONCRETE PILE BENT ON PILE FO	UNDATION
PIERS:	CONCRETE COLUMNS WITH SOLID	WEB WALL (DUMB BELL) ON CONCRETE PILE FOUNDATION
		SCOUR EVALUATION
	our critical; bridge foundations de 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 cl	heck on a bridge during floods	<u>::</u>
[] - Span	movement - horizontally as w	ell as vertically
1. 0	check displacement / deflection	n along curb line, both bridge rails and outer edge of bridge deck.
2. 0	check for plumb of piers or bei	nts.
[] - Checl	k for embankment erosion	
[] - Chec	k for drift build-up on piers or	bents
[] - Checl	k pier exposure, if possible, ar	d compare to previous inspection
[] - Revie	w the latest bridge inspection	report versus current field conditions
	recommended:	
Coun temp	ty or City Maintenance Person	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 Pa	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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	ith State District maintenance or local highway maintenance Any bridge on the selected detour route shall be checked		
] - 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.			
CONTACT PERSONNEL:	TELEPHONE NUMBER:		
REGION BRIDGE ENGINEER	(731) 234-9561		
DISTRICT MAINTENANCE SUPERVISOR	(731) 571-8883		
TENNESSEE HIGHWAY PATROL	(731) 423-6635		
The report shall include the date and time as appropriate, photographs of the bridge	 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 In Latest Bridge Inspection Report	nspection:		
Scour POA Report with the above Checklist			
Bridge Design Plans, if available			
Tape measure with weight			
Plumb bob			
Range Pole			
	cade Tape printed with the following message:		
SAFETY HAZARD	KEED 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)

17-Apr-19