HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 42FA1230001

BRIDGE OWNER: STATE OF TENNESSEE
ROAD NAME: HURRICANE CREEK RD
CROSSING: HURRICANE CREEK
LATITUDE:: N 36.33333 DEGREES
LONGITUDE: W 87.91500 DEGREES

COUNTY: HOUSTON
ROUTE: SR232
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 1.78
VEAR BUILT: 1961

LOI	NGHODE. W 67.91300 DEGREE	TEAR BOILT. 1901
		TYPE OF SUPERSTRUCTURE
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE
		TYPE OF SUBSTRUCTURE
ABUTMENTS:	CONCRETE STUB ABUTMENT ON	STEEL PILE FOUNDATION
BENTS:	CONCRETE COLUMN TWO POST E	BENT ON CONCRETE PILE FOUNDATION
PIERS:	NOT APPLICABLE	
		SCOUR EVALUATION
Bridge is sc	our critical; bridge foundations de	etermined to be unstable for calculated scour conditions. Monitor bridge in
lieu of instal	ling scour countermeasures.	
		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. (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
[] - Review the latest bridge inspection report versus current field conditions		
	s recommended:	
Cour temp	nty or City Maintenance Person porary measures to warn moto	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
-	roperly closed and barricaded	
[] - Cont	• •	Supervisor (if bridge is State maintained)
	` ' ' ' '	ay Maintenance Official (if bridge is not State maintained)
	, ,	atrol and/or local law enforcement Officers as appropriate
[] The !	(4) TDOT Regional Bridge	_
	Bridge should remain closed u TDOT bridge inspection team.	Intil the water recedes and a daylight visual inspection is made

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	te District maintenance or local highway maintenance ridge 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	(615) 476-8860	
DISTRICT MAINTENANCE SUPERVISOR	(931) 205-6399	
TENNESSEE HIGHWAY PATROL	(615) 741-3181	
- 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 Inspect Latest Bridge Inspection Report	tion:	
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 T	ape printed with the following message:	
SAFFTY HAZARD KFFF		

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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