HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 55\$80830001

BRIDGE OWNER: STATE OF TENNESSEE
ROAD NAME: FINGER-LEAPWOOD RD
CROSSING: HUGGINS CREEK

LATITUDE:: N 35.35675 DEGREES LONGITUDE: W 88.59497 DEGREES

COUNTY: McNAIRY
ROUTE: SR199
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 2.68

LOr	NGHODE: W 88.59497 DEGREES	YEAR BUILT: 1955	
		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	
•	our critical; bridge foundations de 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	rell as vertically	
1. 0	Check displacement / deflectio	n 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	
[] - Revie	ew the latest bridge inspection	report versus current field conditions	
I (O) : -			
	s recommended:		
Cour temp	nty 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	
[] - Contact: (1) District Maintenand		Supervisor (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	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 officials in establishing a detour route. Any brid prior to signing the detour route. 	District maintenance or local highway maintenance ge 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) 694-6673	
TENNESSEE HIGHWAY PATROL	(731) 423-6635	
] - 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 Inspection Latest Bridge Inspection Report	<u>on:</u>	
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 Tap	o printed with the following message:	
SAFFTY HAZARD KEEP A		

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)

07-Nov-24