HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 790A7330001

BRIDGE OWNER: CITY OF COLLIERVILLE

ROAD NAME: FLEMING RD
CROSSING: BRANCH

LATITUDE:: N 35.01086 DEGREES LONGITUDE: W 89.70667 DEGREES

COUNTY: SHELBY
ROUTE: 05434
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.33

LON	IGITUDE: W 89.70667 DEGREES	YEAR BUILT: 1965	
		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - CHANNEL BEAM	APPR. SPAN: NOT APPLICABLE	
		TYPE OF SUBSTRUCTURE	
ABUTMENTS:	CONCRETE STUB ABUTMENT ON C	ONCRETE PILE FOUNDATION	
BENTS:	CONCRETE COLUMN FOUR OR MO	RE POST BENT ON PILE FOUNDATION	
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION	
Bridge is sec	our critical: bridge foundations de	termined to be unstable for calculated scour conditions. Rip-rap protection	
		ne minor repairs to the protection system are needed.	
		INSPECTION PROCEDURES	
What Initiated the Call-out Inspection?		[] BridgeWatch Alert	
		[] TDOT District or Local Maintenance Personnel	
		[] THP or Local Law Enforcement Personnel	
		[] Other:	
1. 0 2. 0 [] - Checl [] - Checl	Check for plumb of piers or ber k for embankment erosion k for drift build-up on piers or l k pier exposure, if possible, an	along curb line, both bridge rails and outer edge of bridge deck.	
<u>If Closure is</u>	recommended:		
Coun temp	ty or City Maintenance Person	ross road until bridge is secured and properly closed by District, nel. Use Barricade Tape, traffic cones and/or traffic flares as sts 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 Highway	/ Maintenance Official (if bridge is not State maintained)	
	(3) Tennessee Highway Pa	trol and/or local law enforcement Officers as appropriate	
	(4) TDOT Regional Bridge	Engineer	
	Bridge should remain closed until the water recedes and a daylight visual inspection is made TDOT bridge inspection team.		

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	ate District maintenance or local highway maintenance oridge 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:	
CITY MAYOR'S OFFICE	(901) 457-2200	
CITY ENGINEER'S OFFICE	(901) 457-2310	
POLICE OFFICE	(901) 457-2513	
] - 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 Inspectatest Bridge Inspection Report	ction:	
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	Tape printed with the following message:	
SAFETY HAZARD KEE		

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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