HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 790B5700003 BRIDGE OWNER: CITY OF MEMPHIS

> ROAD NAME: LEVI RD CROSSING: BRANCH

LATITUDE" N 35 04269 DEGREES

COUNTY: SHELBY ROUTE: 05089 SPECIAL CASE: 0 COUNTY SEQUENCE: 1

LOG MILE: 0.48

	NGITUDE: W 90.08814 DEGREES	
		TYPE OF SUPERSTRUCTURE
MAIN SPAN:	CONCRETE - CHANNEL BEAM	APPR. SPAN: NOT APPLICABLE
		TYPE OF SUBSTRUCTURE
ABUTMENTS:	CONCRETE STUB ABUTMENT ON	CONCRETE PILE FOUNDATION
BENTS:	CONCRETE COLUMN FOUR OR MC	DRE POST BENT ON PILE FOUNDATION
PIERS:	NOT APPLICABLE	
		SCOUR EVALUATION
Bridge is so	our critical: bridge foundations de	etermined to be unstable for calculated scour conditions. Rip-rap protection
		ignificant 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:
2. C [] - Chec [] - Chec	Check for plumb of piers or be k for embankment erosion k for drift build-up on piers or k pier exposure, if possible, a	
[] - Stay a Countemp	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
[] - Contact: (1) District Maintenance Supervisor (if		
. ,	` '	y Maintenance Official (if bridge is not State maintained)
		atrol and/or local law enforcement Officers as appropriate
	(4) TDOT Regional Bridge	
	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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	ate 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:		
CITY MAYOR'S OFFICE	(901) 576-6007		
CITY ENGINEER'S OFFICE	(901) 576-6902		
PUBLIC WORKS DIRECTOR	(901) 576-7109		
 Summarize and submit findings from the insp The report shall include the date and time of the as appropriate, photographs of the bridge and scouring has occurred, the report shall also b 	he inspection, a brief summary of findings and, d stream channel measurements. If significant		
COMMENTS:			
Suggested List of Equipment to conduct the Inspec	tion:		
Latest Bridge Inspection Report			
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:		
SAFETY HAZARD KEEF	P AWAY		
A Barricade Tape Dispenser with serrated cutter			
A roll of Duct Tape			

Traffic Cones - Minimum of four (4)

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