HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: **790M0240001**BRIDGE OWNER: **CITY OF MEMPHIS**ROAD NAME: **HAWKINS MILL RD**

CROSSING: BRANCH

LATITUDE:: N 35.24522 DEGREES
LONGITUDE: W 89.98564 DEGREES

COUNTY: SHELBY
ROUTE: 02819
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 1.28

LON	IGITUDE: W 89.98564 DEGREES	YEAR BUILT: 1968	
		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	
		termined to be unstable for calculated scour conditions. Rip-rap protection me 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:	
Things to c	<u>heck on a bridge during floods</u>	<u>:</u>	
[] - Span	movement - horizontally as we	ell as vertically	
1. C	Check displacement / deflection	n along curb line, both bridge rails and outer edge of bridge deck.	
2. 0	check for plumb of piers or ber	nts.	
[] - Chec	k for embankment erosion		
[] - Chec	k for drift build-up on piers or l	bents	
		d compare to previous inspection	
[] - Revie	w the latest bridge inspection	report versus current field conditions	
If Closura is	recommended:		
		and the Charles to the control of the control of the Birther	
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 Highway	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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	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) 576-6007		
CITY ENGINEER'S OFFICE	(901) 576-6902		
PUBLIC WORKS DIRECTOR	(901) 576-7109		
[] - 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 Secur BOA Report with the above Checklist	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	P AWAY		

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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)