## HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 790A7360001

BRIDGE OWNER: CITY OF COLLIERVILLE
ROAD NAME: EAST SHELBY DR
CROSSING: NONCONNAH CREEK
LATITUDE:: N 35.02086 DEGREES
LONGITUDE: W 89.66186 DEGREES

COUNTY: SHELBY
ROUTE: 05437
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 1.52
YEAR BUILT: 1960

		TYPE OF SUPERSTRUCTURE =			
MAIN SPAN:	CONCRETE - CHANNEL BEAM	APPR. SPAN:	NOT APPLICABLE		
		TYPE OF SUBSTRUCTURE -			
ABUTMENTS:	CONCRETE STUB ABUTMENT ON CO				
BENTS:	CONCRETE COLUMN FOUR OR MOR		ION		
PIERS:	NOT APPLICABLE				
		SCOUR EVALUATION -			
	our critical; bridge foundations det stalled and is in fair condition. Son		culated scour conditions. Rip-rap protection ion system are needed.		
		INSPECTION PROCEDURES =			
What Initiat	ed the Call-out Inspection?	[ ] BridgeWatch Alert			
	•	[ ] TDOT District or Loca	ıl Maintenance Personnel		
		[ ] THP or Local Law Enf	orcement Personnel		
		[ ] Other:			
Things to c	heck on a bridge during floods:	<u>L</u>			
[ ] - Span	movement - horizontally as we	II as vertically			
1. Check displacement / deflection along curb line, both bridge rails and outer edge of bridge deck.					
2. 0	heck for plumb of piers or ben	ts.			
[ ] - Chec	k for embankment erosion				
[ ] - Chec					
[ ] - Chec	k pier exposure, if possible, and	d compare to previous inspe	ection		
[ ] - Review the latest bridge inspection report versus current field conditions					
	<b>.</b>	•			
<u>If Closure is</u>	recommended:				
Coun temp	1 - Stay at bridge with vehicle pulled across road until bridge is secured and properly closed by District, County or City Maintenance Personnel. Use Barricade Tape, traffic cones and/or traffic flares as temporary measures to warn motorists to stay off of the bridge until such time as the bridge may be properly closed and barricaded.				
[ ] - Conta	act: (1) District Maintenance Su	pervisor (if bridge is State	maintained )		
	(2) City or County Highway	Maintenance Official (if br	idge is not State maintained )		
	(3) Tennessee Highway Pa	trol and/or local law enforce	ment Officers as appropriate		
	(4) TDOT Regional Bridge	Engineer			
	<ul> <li>The Bridge should remain closed until the water recedes and a daylight visual inspection is made by a TDOT bridge inspection team.</li> </ul>				

## **PUBLICATION DATE**

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	State District maintenance or local highway maintenance y bridge 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		
The report shall include the date and time of as appropriate, photographs of the bridge a	- 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 Insp	pection:		
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 Barricad			
SAFETY HAZARD KE	EEP 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)

07-Nov-24