HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 790A0540003

BRIDGE OWNER: SHELBY COUNTY

ROAD NAME: CHAMBERS RD

CROSSING: BEAR CREEK

LATITUDE:: N 35.36139 DEGREES LONGITUDE: W 89.94525 DEGREES

COUNTY: SHELBY
ROUTE: 0C132
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.96
YEAR BUILT: 1963

LON	NGHODE: W 89.94525 DEGREES		YEAR BUILT: 1963	
		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 MORE POST BENT ON PILE FOUNDATION			
PIERS:	NOT APPLICABLE			
		SCOUR EVALUATION		
	unknown foundations. Risk of scricant flood events. Monitor bridg		bridge shall be monitored for distress termeasures.	
		- INSPECTION PROCEDURES -		
What Initiat	ed the Call-out Inspection?	[] BridgeWatch Alert		
		[] TDOT District or Loca	al Maintenance Personnel	
		[] THP or Local Law En	forcement Personnel	
		[] Other:		
Things to c	heck on a bridge during flood	<u>s:</u>		
1. (2. (movement - horizontally as we have displacement / deflection in the check for plumb of piers or be k for embankment erosion	n along curb line, both bridge	e rails and outer edge of bridge deck.	
[] - Chec	k for drift build-up on piers or	bents		
[] - Chec	k pier exposure, if possible, a	nd compare to previous inspe	ection	
[] - Revie	ew the latest bridge inspection	report versus current field c	onditions	
lf Clasura is	recommended:			
Coun temp	nty or City Maintenance Persoi	nnel. Use Barricade Tape, trat rists to stay off of the bridge	cured and properly closed by District, ffic cones and/or traffic flares as until such time as the bridge may	
[] - Conta	act: (1) District Maintenance S	Supervisor (if bridge is State	maintained)	
	(2) City or County Highwa	y Maintenance Official (if br	ridge is not State maintained)	
	(3) Tennessee Highway P	atrol and/or local law enforce	ement Officers as appropriate	
	(4) TDOT Regional Bridge	Engineer		
	Bridge should remain closed u TDOT bridge inspection team.		daylight visual inspection is made	

PUBLICATION DATE

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[] - The bridge inspection team will work with State District maintenance or local highway maintenance



officials in establishing a detour route. Any beginning the detour route.	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:		
COUNTY MAYOR'S OFFICE	(901) 545-4500		
HWY. CHIEF ADMINISTRATOR'S OFFICE	(901) 379-4414		
PUBLIC WORKS DIRECTOR	(901) 545-4266		
COUNTY SHERIFF'S OFFICE	(901) 545-5500		
as appropriate, photographs of the bridge an	the inspection, a brief summary of findings and, and stream channel measurements. If significant be copied to Bridge Inspection Headquarters.		
Suggested List of Equipment to conduct the Inspectatest Bridge Inspection Report Scour POA Report with the above Checklist Bridge Design Plans, if available Tape measure with weight Plumb bob Range Pole	ction:		
A 1000 Foot Roll of yellow Polyethylene Barricade	Tape printed with the following message:		
SAFETY HAZARD KEE			

A Barricade Tape Dispenser with serrated cutter

A roll of Duct Tape

Traffic Cones - Minimum of four (4)

Traffic Safety Flares - Minimum of four (4) or set of electronic warning flashers

TDOT two-way radio (State Personnel only) and/or cellular telephone

TDOT radio directory (State Personnel only)