HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 790A0710003
BRIDGE OWNER: SHELBY COUNTY

ROAD NAME: CHARLES BARTLETT RD

CROSSING: BRANCH

LATITUDE:: N 35.38758 DEGREES LONGITUDE: W 89.94944 DEGREES

COUNTY: SHELBY
ROUTE: 0A331
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.75
YEAR BUILT: 1970

		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - CHANNEL BEAM	APPR. SPAN: NOT APPLICABLE	
ADLITMENTO.	CONODETE OTHE ADUTMENT ON	TYPE OF SUBSTRUCTURE	
	CONCRETE STUB ABUTMENT ON C		
BENTS:	CONCRETE COLUMN FOUR OR MORE POST BENT ON PILE FOUNDATION		
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION ————————————————————————————————————	
		etermined to be unstable for calculated scour conditions. Rip-rap protection	
nas been ins	stalled and is in fall condition. So	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	heck on a bridge during floods	<u>s:</u>	
[] - Span	movement - horizontally as w	ell as vertically	
1. 0	Sheck displacement / deflectio	n along curb line, both bridge rails and outer edge of bridge deck.	
2. 0	Check for plumb of piers or be	nts.	
[] - Chec	k for embankment erosion		
[] - Chec	k for drift build-up on piers or	bents	
[] - Chec	k pier exposure, if possible, ar	nd compare to previous inspection	
[] - Revie	w the latest bridge inspection	report versus current field conditions	
	recommended:		
Coun temp	nty or City Maintenance Persor	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	
[] - Conta	act: (1) District Maintenance S	Supervisor (if bridge is State maintained)	
		y Maintenance Official (if bridge is not State maintained)	
		atrol and/or local law enforcement Officers as appropriate	
	(4) TDOT Regional Bridge	Engineer	
[] - The E	` '	ntil the water recedes and a daylight visual inspection is made	
	TDOT bridge inspection team.	· · · · · · · · · · · · · · · · · · ·	

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 bridge on the selected detour route shall be checked prior to signing the detour route.			
	 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		
 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 Inspection	on:		
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 Tap			
SAFETY HAZARD KEEP A	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