HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 79SR0010025

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: **US70/79**CROSSING: **BRANCH**

LATITUDE:: N 35.27144 DEGREES LONGITUDE: W 89.70683 DEGREES

COUNTY: SHELBY
ROUTE: SR001
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 25.49
YEAR BUILT: 1925

		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE	
		TYPE OF SUBSTRUCTURE ————————————————————————————————————	
	CONCRETE FULL HEIGHT ABUTMEI	NT ON TIMBER PILE FOUNDATION	
BENTS:	NOT APPLICABLE		
PIERS:	CONCRETE COLUMNS WITH SOLID	WEB WALL (DUMB BELL) ON TIMBER PILE FOUNDATION	
		SCOUR EVALUATION -	
	our critical; bridge foundations de sures are installed but they are no	termined to be unstable for calculated scour conditions. No scour eeded.	
		INSPECTION PROCEDURES	
What Initiat	ed 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 we	ell as vertically	
	· · · · · · · · · · · · · · · · · · ·	n along curb line, both bridge rails and outer edge of bridge deck.	
	Check for plumb of piers or ber		
	k for embankment erosion		
	k for drift build-up on piers or l	bents	
	• •	nd compare to previous inspection	
[] - Review the latest bridge inspection report versus current field conditions			
[]	m mo mood bridge mepeemen		
If Closure is	recommended:		
Cour temp	nty or City Maintenance Person	cross road until bridge is secured and properly closed by District, inel. 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	
	Bridge should remain closed ur TDOT bridge inspection team.	ntil the water recedes and a daylight visual inspection is made	

PUBLICATION DATE

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 The bridge inspection team will work with State officials in establishing a detour route. Any bridge prior to signing the detour route. 	District maintenance or local highway maintenance ge 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:		
REGION BRIDGE ENGINEER	(731) 234-9561		
DISTRICT MAINTENANCE SUPERVISOR	(901) 484-2610		
TENNESSEE HIGHWAY PATROL	(901) 543-6256		
 Summarize and submit findings from the inspect The report shall include the date and time of the as appropriate, photographs of the bridge and st scouring has occurred, the report shall also be c 	inspection, a brief summary of findings and, ream channel measurements. If significant		
COMMENTS:			
Suggested List of Equipment to conduct the Inspection	<u>n:</u>		
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	WAY		

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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)

17-Apr-19