## **HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT**



BRIDGE ID NUMBER: 79014590003 BRIDGE OWNER: SHELBY COUNTY ROAD NAME: BRUNSWICK RD CROSSING: BRANCH

LATITUDE:: **N** 35.33239

**DEGREES** LONGITUDE: W 89.75761 **DEGREES** 

COUNTY: SHELBY ROUTE: 01459 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 9.80 YEAR BUILT: 1960

		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - CHANNEL BEAM	APPR. SPAN: NOT APPLICABLE	
		TVDE OF SUBSTRUCTURE	
ABUTMENTS:	CONCRETE STUD ADUTMENT ON C	TYPE OF SUBSTRUCTURE	
BENTS:			
PIERS:		RE POST BENT ON PILE FOUNDATION	
FIERO.	NOT APPLICABLE		
		SCOUR EVALUATION	
	our critical; bridge foundations de stalled and is in good condition.	etermined to be unstable for calculated scour conditions. Rip-rap protection	
		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>	
[ ] - Snan	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	bents	
	• •	nd compare to previous inspection	
		report versus current field conditions	
[ ]	, and latest zinage inspection.		
If Closure is	recommended:		
Cour temp	nty or City Maintenance Person	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 )	
	(2) City or County Highwa	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 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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[ ] - The bridge inspection team will work with State District maintenance or local highway maintenance



officials in establishing a detour route. Any bridg prior to signing the detour route.	ge on the selected detour route shall be checked		
	e bridge can be re-opened only after a TDOT bridge inspection team checks the substructure its 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 and str scouring has occurred, the report shall also be co	opied to Bridge Inspection Headquarters.		
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 Tape	a printed with the following massage:		
SAFETY HAZARD KEEP A			
A Barricade Tape Dispenser with serrated cutter			

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A roll of Duct Tape

Traffic Cones - Minimum of four (4)

**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

07-Nov-24