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



BRIDGE ID NUMBER: 240A2220001 BRIDGE OWNER: FAYETTE COUNTY

> ROAD NAME: WADE DR CROSSING: BRANCH

LATITUDE:: N 35.11170 DEGREES

COUNTY: FAYETTE ROUTE: 0A222 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 2.79

LON	NGITUDE: W 89.45828 DEGREES	YEAR BUILT: 2004	
		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - CHANNEL BEAM	APPR. SPAN: NOT APPLICABLE	
		TYPE OF SUBSTRUCTURE	
ABUTMENTS:	TIMBER CAP ON TIMBER PILE FOL	INDATION	
BENTS:	TIMBER PILE BENT ON PILE FOUN	DATION	
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION	
	our critical; bridge foundations de sures are installed but they are r	etermined to be unstable for calculated scour conditions. No scour 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 flood	<u>s:</u>	
[ ] - Span	movement - horizontally as w	ell as vertically	
	•	n along curb line, both bridge rails and outer edge of bridge deck.	
	Check for plumb of piers or be		
	k for embankment erosion		
	k for drift build-up on piers or	bents	
	• •	nd compare to previous inspection	
	Review the latest bridge inspection report versus current field conditions		
	•	•	
If Closure is	recommended:		
		cross road until bridge is secured and properly closed by District,	
Coun temp	nty or City Maintenance Person orary measures to warn moto	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	
•	operly closed and barricaded		
[ ] - 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 P	atrol and/or local law enforcement Officers as appropriate	
	(4) TDOT Regional Bridge	e 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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[ ] - The bridge inspection team will work with State District maintenance or local highway maintenance



officials in establishing a detour route. Any bri	idge on the selected detour route shall be checked		
[ ] - The bridge can be re-opened only after a TDO units and they are determined to be structural	ge can be re-opened only after a TDOT bridge inspection team checks the substructure		
CONTACT PERSONNEL:	TELEPHONE NUMBER:		
COUNTY MAYOR'S OFFICE	(901) 465-5202		
HWY. CHIEF ADMINISTRATOR'S OFFICE	(901) 465-5232		
COUNTY SHERIFF'S OFFICE	(901) 465-3456		
The report shall include the date and time of th as appropriate, photographs of the bridge and scouring has occurred, the report shall also be	stream channel measurements. If significant copied to Bridge Inspection Headquarters.		
Suggested List of Equipment to conduct the Inspect	ion:		
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 Ta	ape printed with the following message:		
SAFETY HAZARD KEEP	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