HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 20S80640007
BRIDGE OWNER: DECATUR COUNTY
ROAD NAME: W NATCHEZ TRACE RD
CROSSING: CUB CREEK

LATITUDE:: N 35.74611 DEGREES
LONGITUDE: W 88.15844 DEGREES

COUNTY: DECATUR
ROUTE: 05577
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 1.74
YEAR BUILT: 1954

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		TYPE OF SUPERSTRUCTURE
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE
		TYPE OF SUBSTRUCTURE
ABUTMENTS:	CONCRETE STUB ABUTMENT ON (CONCRETE PILE FOUNDATION
BENTS:	CONCRETE PILE BENT ON PILE FO	DUNDATION
PIERS:	NOT APPLICABLE	
		SCOUR EVALUATION
Bridge is sco	our critical: bridge foundations de	etermined to be unstable for calculated scour conditions. No scour
•	sures are installed but they are r	
ı		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>
[] - Snan	n movement - horizontally as w	vell as vertically
		on along curb line, both bridge rails and outer edge of bridge deck.
	Check for plumb of piers or be	
	ck for embankment erosion	
	ck for drift build-up on piers or	bents
	• •	nd compare to previous inspection
		report versus current field conditions
[] NOTE	w the latest bridge mopeotion	Troport versus current neia contaitions
If Closure is	s recommended:	
Cour temp	nty or City Maintenance Persor	ncross 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	Contact: (1) District Maintenance Supervisor (if bridge is State maintained)	
	(2) City or County Highwa	ay 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
] - 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 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.		
TELEPHONE NUMBER:		
(731) 852-2131		
(731) 852-2511		
(731) 852-2183		
 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. 		
<u>n:</u>		
Range Pole A 1000 Foot Roll of yellow Polyethylene Barricade Tape printed with the following message:		
WAY		

TDOT radio directory (State Personnel only)

Traffic Cones - Minimum of four (4)

A Barricade Tape Dispenser with serrated cutter

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

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

A roll of Duct Tape