HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 410A3060007

BRIDGE OWNER: HICKMAN COUNTY

ROAD NAME: W BEAVERDAM RD

CROSSING: BEAVER DAM CREEK

LATITUDE:: N 35.75780 DEGREES

LONGITUDE: W 87.55300 DEGREES

COUNTY: HICKMAN
ROUTE: 0A325
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.15
YEAR BUILT: 1972

		TYPE OF SUPERSTRUCTURE
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE
		TYPE OF SUBSTRUCTURE
ABUTMENTS:	CONCRETE STUB ABUTMENT ON S	
BENTS:	STEEL COLUMN BENT ON PILE FO	UNDATION
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 n	
		INSPECTION PROCEDURES
What Initiat	ted 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. (Check displacement / deflection	n along curb line, both bridge rails and outer edge of bridge deck.
2. (Check for plumb of piers or bei	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	ew the latest bridge inspection	report versus current field conditions
K Olaa :a		
	s recommended:	
	-	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
	roperly 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 Pa	atrol and/or local law enforcement Officers as appropriate
	(4) TDOT Regional Bridge	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 br prior to signing the detour route.	idge on the selected detour route shall be checked		
	ge can be re-opened only after a TDOT bridge inspection team checks the substructure I they are determined to be structurally stable.		
CONTACT PERSONNEL:	TELEPHONE NUMBER:		
COUNTY MAYOR'S OFFICE	(931) 729-2492		
HWY. CHIEF ADMINISTRATOR'S OFFICE	(931) 729-2482		
COUNTY SHERIFF'S OFFICE	(931) 729-6143		
as appropriate, photographs of the bridge and scouring has occurred, the report shall also be	e copied to Bridge Inspection Headquarters.		
Suggested List of Equipment to conduct the Inspect	tion:		
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	PAWAY		

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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