HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 57008710001 BRIDGE OWNER: MADISON COUNTY ROAD NAME: PROVIDENCE RD CROSSING: PANTHER CREEK

LATITUDE:: N 35.63814 DEGREES

COUNTY: MADISON ROUTE: 00871 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 2.91

LON	NGITUDE: W 89.05667 DEGREES	YEAR BUILT: 1973		
MAIN SPAN:	CONCRETE - CHANNEL BEAM	TYPE OF SUPERSTRUCTURE APPR. SPAN: NOT APPLICABLE		
WAIN SI AN.	CONORETE - CHANNEL BEAM			
ADLITMENTS:	CONCRETE STUB ABUTMENT ON C	TYPE OF SUBSTRUCTURE ONCRETE BUILD FOUNDATION		
BENTS:	CONCRETE STOB ABOTMENT ON C			
PIERS:	NOT APPLICABLE			
		SCOUR EVALUATION		
	our critical; bridge foundations de stalled and is in good condition.	termined 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	:		
_	movement - horizontally as we			
		a along curb line, both bridge rails and outer edge of bridge deck.		
	Check for plumb of piers or ber			
[] - Chec	k for embankment erosion			
[] - Chec	k for drift build-up on piers or	bents		
[] - Chec	[] - Check pier exposure, if possible, and compare to previous inspection			
[] - Revie	ew 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	nty or City Maintenance Person	nel. Use Barricade Tape, traffic cones and/or traffic flares as ists to stay off of the bridge until such time as the bridge may		
	operly closed and barricaded.	isto to stay on or the shage and sacrification as the shage may		
[] - Conta	act: (1) District Maintenance S	upervisor (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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	State District maintenance or local highway maintenance by bridge 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:	
COUNTY MAYOR'S OFFICE	(731) 423-6020	
HWY. CHIEF ADMINISTRATOR'S OFFICE	(731) 422-1651	
COUNTY SHERIFF'S OFFICE	(731) 423-6000	
 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. 		
COMMENTS:		
Suggested List of Equipment to conduct the Insp	ection:	
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	e Tape printed with the following message:	
SAFETY HAZARD KE		

PUBLICATION DATE

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