## HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



COUNTY: MADISON

BRIDGE ID NUMBER: 570A2440001
BRIDGE OWNER: MADISON COUNTY
ROAD NAME: RANGER RD

CROSSING: OVERFLOW

LATITUDE: N 35.59067 DEGREES

ROUTE: 0A244
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.86

LON	IGITUDE: W 88.66819 DEGREES	YEAR BUILT: 1970	
MAIN SPAN:	CONCRETE - CHANNEL BEAM	TYPE OF SUPERSTRUCTURE  APPR. SPAN: NOT APPLICABLE	
		TYPE OF CUROTRUCTURE	
ADLITMENTS.	CONCRETE CTUR ARUTMENT ON	TYPE OF SUBSTRUCTURE	
	CONCRETE STUB ABUTMENT ON CONCRETE BY 5 PENT ON BY 5 PE		
BENTS:	CONCRETE PILE BENT ON PILE FO	UNDATION	
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION ————————————————————————————————————	
-	our critical; bridge foundations de ing scour countermeasures.	etermined to be unstable for calculated scour conditions. Monitor bridge in	
		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 cl	<u>heck on a bridge during flood:</u>	<u>s:</u>	
[ ] - Span	movement - horizontally as w	ell as vertically	
1. 0	Check displacement / deflectio	n along curb line, both bridge rails and outer edge of bridge deck.	
2. 0	Check for plumb of piers or be	nts.	
[ ] - Checl	k for embankment erosion		
[ ] - Chec	k for drift build-up on piers or	bents	
[ ] - Checl	k pier exposure, if possible, a	nd compare to previous inspection	
[ ] - Revie	w the latest bridge inspection	report versus current field conditions	
<u>If Closure is</u>	recommended:		
Coun temp	ity or City Maintenance Persor	cross road until bridge is secured and properly closed by District, inel. 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	upervisor ( 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	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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	tate District maintenance or local highway maintenance bridge on the selected detour route shall be checked	
<ul> <li>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.</li> </ul>		
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	
1 - 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 Inspectatest Bridge Inspection Report	ection:	
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		
SAFFTY HAZARD KFF	-PAWAY	

**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