HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 43SR0010023

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: US70

CROSSING: HURRICANE CREEK

LATITUDE:: N 36.09700 DEGREES

LONGITUDE: W 87.58557 DEGREES

COUNTY: HUMPHREYS
ROUTE: SR001
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 25.23

LON	NGITUDE: W 87.58557 DEGREES	3	YEAR BUILT: 1925
MAIN SPAN:	CONCRETE - TEE BEAM	TYPE OF SUPERSTRUCTURE = APPR. SPAN:	NOT APPLICABLE
	••••••••••••••••••••••••••••••••••••••		
A DUITA (ENITO		TYPE OF SUBSTRUCTURE	
	NTS: CONCRETE FULL HEIGHT ABUTMENT ON CONCRETE SPREAD FOOTING FOUNDATION		
BENTS:	NOT APPLICABLE		
PIERS:	CONCRETE SOLID SHAFT PIER ON	ROCK FOUNDATION	
		SCOUR EVALUATION	
•	unknown foundations. Risk of sco icant flood events. Monitor bridg		bridge shall be monitored for distress stermeasures.
		INSPECTION PROCEDURES =	
What Initiated the Call-out Inspection?		[] BridgeWatch Alert	
			al Maintenance Personnel
		[] THP or Local Law En	forcement Personnel
		[] Other:	
Things to c	heck on a bridge during floods	<u>s:</u>	
1. 0	movement - horizontally as w Check displacement / deflectio Check for plumb of piers or be	n along curb line, both bridge	e rails and outer edge of bridge deck.
[] - Chec	k for embankment erosion		
[] - Chec	k for drift build-up on piers or	bents	
[] - Chec	k pier exposure, if possible, a	nd compare to previous inspe	ection
[] - Revie	ew the latest bridge inspection	report versus current field c	onditions
<u>If Closure is</u>	recommended:		
Coun temp	nty or City Maintenance Persor	nnel. Use Barricade Tape, trat rists to stay off of the bridge	cured and properly closed by District, ffic cones and/or traffic flares as until such time as the bridge may
[] - Conta	act: (1) District Maintenance S	Supervisor (if bridge is State	maintained)
	(2) City or County Highwa	y Maintenance Official (if br	ridge is not State maintained)
	(3) Tennessee Highway P	atrol and/or local law enforce	ement Officers as appropriate
	(4) TDOT Regional Bridge	Engineer	
	Bridge should remain closed until the water recedes and a daylight visual inspection is made a TDOT bridge inspection team.		

PUBLICATION DATE

HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



	te District maintenance or local highway maintenance idge 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:		
REGION BRIDGE ENGINEER	(615) 476-8860		
DISTRICT MAINTENANCE SUPERVISOR	(931) 205-6399		
TENNESSEE HIGHWAY PATROL	(615) 741-3181		
 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 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			
SAFETY HAZARD KEEP	AWAY		

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