HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 38\$80520001

BRIDGE OWNER: STATE OF TENNESSEE
ROAD NAME: CHARLESTON RD
CROSSING: OVERFLOW

LATITUDE:: N 35.47669 DEGREES
LONGITUDE: W 89.45511 DEGREES

COUNTY: HAYWOOD

ROUTE: SR179

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

LOG MILE: 1.09

YEAR BUILT: 1959

LOI	NGHODE. W 69.43311 DEGREES	I LAN BOILT. 1939
		TYPE OF SUPERSTRUCTURE
MAIN SPAN:	CONCRETE - CHANNEL BEAM	APPR. SPAN: NOT APPLICABLE
		TYPE OF SUBSTRUCTURE
ABUTMENTS:	TIMBER CAP ON TIMBER PILE FOL	INDATION
BENTS:	TIMBER PILE BENT ON PILE FOUN	DATION
PIERS:	NOT APPLICABLE	
		SCOUR EVALUATION
Bridge is so	our critical: bridge foundations de	etermined to be unstable for calculated scour conditions. Monitor bridge in
	ling scour countermeasures.	Activities to be unctuble for calculated occur conditions. Member 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 c	heck on a bridge during flood	<u>s:</u>
[] - Span	n 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. (Check for plumb of piers or be	nts.
[] - 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 inspection
[] - Review the latest bridge inspection report versus current field conditions		
	s recommended:	
Cour temp	nty or City Maintenance Person porary measures to warn moto	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.	
[] - Cont	• •	Supervisor (if bridge is State maintained)
	` ' ' '	y Maintenance Official (if bridge is not State maintained)
	, ,	atrol and/or local law enforcement Officers as appropriate
[] The	(4) TDOT Regional Bridge	-
	 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 officials in establishing a detour route. Any brid prior to signing the detour route. 	District maintenance or local highway maintenance lige 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	(731) 234-9561		
DISTRICT MAINTENANCE SUPERVISOR	(731) 694-6673		
TENNESSEE HIGHWAY PATROL	(901) 543-6256		
 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 Inspection	on:		
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 Tap			
SAFETY HAZARD KEEP A	AWAY		

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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