HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 38SR0010025

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: HWY 70 E

CROSSING: BRADFORD LAKE

LATITUDE:: N 35.51833 DEGREES LONGITUDE: W 89.35131 DEGREES

COUNTY: HAYWOOD
ROUTE: SR001
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 9.10

LOG MILE: 9.10 YEAR BUILT: 1924

		TYPE OF SUPERSTRUCTURE =	
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN:	NOT APPLICABLE
		TYPE OF SUBSTRUCTURE -	
ABUTMENTS:	CONCRETE FULL HEIGHT ABUTME	NT ON TIMBER PILE FOUNDATION	
BENTS:	CONCRETE PILE BENT ON PILE FO	UNDATION	
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION -	
Dridge is see	our critical: bridge foundations de		aulated accur conditions. Manitar bridge in
-	ing scour countermeasures.	termined to be unstable for car	culated scour conditions. Monitor bridge in
		INSPECTION PROCEDURES =	
What Initiat	ed the Call-out Inspection?	[] BridgeWatch Alert	
		[] TDOT District or Loca	al Maintenance Personnel
		[] THP or Local Law Enf	forcement Personnel
		[] Other:	
1. C 2. C [] - Chec [] - Chec	movement - horizontally as well- check displacement / deflection check for plumb of piers or bea k for embankment erosion k for drift build-up on piers or k pier exposure, if possible, ar w the latest bridge inspection	n along curb line, both bridge nts. bents nd compare to previous inspe	
lf Closure is	recommended:		
Coun temp	ity or City Maintenance Person	nel. Use Barricade Tape, traf	eured and properly closed by District, fic cones and/or traffic flares as until such time as the bridge may
_	act: (1) District Maintenance S	upervisor (if bridge is State	maintained)
	(2) City or County Highwa	y Maintenance Official (if br	idge is not State maintained)
	(3) Tennessee Highway Pa	atrol and/or local law enforce	ment 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 officials in establishing a detour route. Any brid prior to signing the detour route. 	e District maintenance or local highway maintenance dge 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 Latest Bridge Inspection Report Scour POA Report with the above Checklist	on:		
Bridge Design Plans, if available			
Tape measure with weight			
Plumb bob			
Range Pole			
A 1000 Foot Roll of yellow Polyethylene Barricade Ta	pe printed with the following message:		
CAFETY HAZADD KEED			

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