HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 38SR0760039

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: HWY 79 N CROSSING: MUD CREEK

LATITUDE:: N 35.67764 DEGREES
LONGITUDE: W 89.13267 DEGREES

COUNTY: HAYWOOD

ROUTE: SR076

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

LOG MILE: 21.59

YEAR BUILT: 1934

LON	NGHODE. W 69.13207 DEGREES	TEAN BOILT. 1934		
		TYPE OF SUPERSTRUCTURE		
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE		
		TYPE OF SUBSTRUCTURE		
ABUTMENTS:	CONCRETE STUB ABUTMENT ON	CONCRETE PILE FOUNDATION		
BENTS:	CONCRETE PILE BENT ON PILE FO	ON PILE FOUNDATION		
PIERS:	NOT APPLICABLE			
		SCOUR EVALUATION		
Bridge is so	our critical: bridge foundations de	etermined to be unstable for calculated scour conditions. Rip-rap protection		
•		fective. Major repair or replacement of the protection system is needed.		
		- INSPECTION PROCEDURES		
What Initiat	end the Call-out Inspection?	[] BridgeWatch Alert		
What Initiated the Call-out Inspection?		[] TDOT District or Local Maintenance Personnel		
		THP or Local Law Enforcement Personnel		
		[] Other:		
		[] Other.		
Things to c	heck on a bridge during flood	•		
_	movement - horizontally as w			
	•	n along curb line, both bridge rails and outer edge of bridge deck.		
	Check for plumb of piers or be			
	k for embankment erosion			
	k for drift build-up on piers or	bents		
	• •	nd compare to previous inspection		
		report versus current field conditions		
f Closure is	recommended:			
Coun temp	nty or City Maintenance Persor	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		
[] - Conta	act: (1) District Maintenance S	Supervisor (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		
	Bridge should remain closed u TDOT bridge inspection team.	ntil the water recedes and a daylight visual inspection is made		

PUBLICATION DATE

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officials in estab		te District maintenance or local highway maintenance ridge 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 PERSONI	<u>IEL:</u>	TELEPHONE NUMBER:	
REGION BRIDGE EN	GINEER	(731) 234-9561	
DISTRICT MAINTEN	ANCE SUPERVISOR	(731) 694-6673	
TENNESSEE HIGHW	AY 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 Equi	pment to conduct the Inspec	tion:	
Latest Bridge Inspection	on Report		
Scour POA Report with	the above Checklist		
Bridge Design Plans, if	available		
Tape measure with we	ght		
Plumb bob			
Range Pole			
A 1000 Foot Roll of yel		ape printed with the following message:	
	SAFETY HAZARD KEEF	PAWAY	

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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