HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 100A2290001

BRIDGE OWNER: CARTER COUNTY

ROAD NAME: BISHOP RD

CROSSING: BUFFALO CREEK

LATITUDE:: N 36.28503 DEGREES
LONGITUDE: W 82.30853 DEGREES

COUNTY: CARTER
ROUTE: 0A229
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.67
YEAR BUILT: 1990

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		TYPE OF SUPERSTRUCTURE
MAIN SPAN:	CONCRETE - CHANNEL BEAM	APPR. SPAN: NOT APPLICABLE
		TYPE OF SUBSTRUCTURE
ABUTMENTS:	CONCRETE FULL HEIGHT ABUTME	ENT ON CONCRETE SPREAD FOOTING FOUNDATION
BENTS:	NOT APPLICABLE	
PIERS:	NOT APPLICABLE	
		SCOUR EVALUATION
Bridge has u	unknown foundations. Risk of scr	our cannot be determined. The bridge shall be monitored for distress
	ficant flood events. Substructure	
		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	movement - horizontally as w	ell as vertically
		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
<u>If Closure is</u>	recommended:	
Cour 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
· · ·		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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	vith State District maintenance or local highway maintenance Any bridge 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:		
COUNTY MAYOR'S OFFICE	(423) 542-1801		
HWY. CHIEF ADMINISTRATOR'S OFFICE	(423) 543-2331		
COUNTY SHERIFF'S OFFICE	(423) 543-2211		
 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			
Bridge Design Plans, if available			
Tape measure with weight			
Plumb bob			
Range Pole			
	cade Tape printed with the following message:		
SAFETY HAZARI	D KEEP 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