HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 170A1880001

BRIDGE OWNER: CROCKETT COUNTY

ROAD NAME: ARLAN REASON RD

CROSSING: BRANCH OF CYPRESS CREEK

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LATITUDE:: N 35.76989 DEGREES
LONGITUDE: W 89.07947 DEGREES

COUNTY: CROCKETT

ROUTE: 0A188

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

LOG MILE: 1.31

LON	IGHUDE: W 89.07947 DEGREES	YEAR BUILT: 1964
		TYPE OF SUPERSTRUCTURE
MAIN SPAN:	CONCRETE - CHANNEL BEAM	APPR. SPAN: NOT APPLICABLE
		TYPE OF SUBSTRUCTURE
ABUTMENTS:	TIMBER CAP ON TIMBER PILE FOU	INDATION
BENTS:	NOT APPLICABLE	
PIERS:	NOT APPLICABLE	
		SCOUR EVALUATION
Bridge has i	inknown foundations. Risk of so	our cannot be determined. The bridge shall be monitored for distress
		e in lieu of installing scour countermeasures.
		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
1. 0	Check displacement / deflectio	n along curb line, both bridge rails and outer edge of bridge deck.
2. 0	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, aı	nd compare to previous inspection
[] - Revie	w the latest bridge inspection	report versus current field conditions
<u>f Closure is</u>	recommended:	
Coun temp	ity 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

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	with State District maintenance or local highway maintenance e. 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	(731) 696-5460	
HWY. CHIEF ADMINISTRATOR'S OFFICE	(731) 696-2244	
COUNTY SHERIFF'S OFFICE	(731) 696-2104	
 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	e Inspection:	
Latest Bridge Inspection Report		
Scour POA Report with the above Checklist	t .	
Bridge Design Plans, if available		
Tape measure with weight		
Plumb bob		
Range Pole		
A 1000 Foot Roll of yellow Polyethylene Bar	ricade Tape printed with the following message:	
SAFETY HAZAI	RD 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