HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 18021740007

BRIDGE OWNER: CUMBERLAND COUNTY

ROAD NAME: **HWY 28**CROSSING: **BRANCH**

LATITUDE:: N 35.84109 DEGREES
LONGITUDE: W 84.98840 DEGREES

COUNTY: CUMBERLAND
ROUTE: 02174
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 8.21

YEAR BUILT: 1950

		TYPE OF SUPERSTRUCTURE =	
MAIN SPAN:	CONCRETE - SLAB	APPR. SPAN:	NOT APPLICABLE
		TYPE OF SUBSTRUCTURE =	
ABUTMENTS:	MASONRY OR CONCRETE BLOCK		DATION
BENTS:	NOT APPLICABLE		
PIERS:	NOT APPLICABLE		
		COOLID EVALUATION	
D.1. 1		SCOUR EVALUATION =	
	unknown foundations. Risk of sco licant flood events. Monitor bridge		bridge shall be monitored for distress termeasures.
		INSPECTION PROCEDURES =	
What Initiat	ed the Call-out Inspection?	[] BridgeWatch Alert	
			Il Maintenance Personnel
		[] THP or Local Law Enf	
		[] Other:	
Things to c	heck on a bridge during floods	<u>::</u>	
[] - Span	movement - horizontally as we	ell as vertically	
1. (Check displacement / deflection	າ along curb line, both bridge	e rails and outer edge of bridge deck.
2. 0	Check for plumb of piers or ber	ıts.	
[] - Chec	k for embankment erosion		
[] - Chec	k for drift build-up on piers or	bents	
[] - Chec	k pier exposure, if possible, an	d compare to previous inspe	ection
[] - Review the latest bridge inspection report versus current field conditions			
lf Claavina ia			
	recommended:		
			ured and properly closed by District, fic cones and/or traffic flares as
	-	- · · · · · · · · · · · · · · · · · · ·	until such time as the bridge may
be pr	operly closed and barricaded.		
[] - Conta	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		
	 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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	rk with State District maintenance or local highway maintenance ute. 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	(931) 484-6165		
HWY. CHIEF ADMINISTRATOR'S OFFICE	(931) 484-5424		
COUNTY SHERIFF'S OFFICE	(931) 484-6176		
The report shall include the date an as appropriate, photographs of the	 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 Checkl	ist		
Bridge Design Plans, if available			
Tape measure with weight			
Plumb bob			
Range Pole			
	sarricade Tape printed with the following message:		
SAFETY HAZ	ARD 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

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