HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 16S44000001

BRIDGE OWNER: COFFEE COUNTY

ROAD NAME: FREDONIA RD

CROSSING: EATON BRANCH

LATITUDE:: N 35.53737 DEGREES

COUNTY: COFFEE
ROUTE: 0A886
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 2.97
YEAR BUILT: 1940

LON	IGHUDE: W 86.10683 DEGREES		YEAR BUILT: 1940
		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN:	NOT APPLICABLE
		TYPE OF SUBSTRUCTURE	
ABUTMENTS:	CONCRETE FULL HEIGHT ABUTME	ENT ON UNKNOWN FOUNDATION	
BENTS:	NOT APPLICABLE		
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION	
Bridge has u	inknown foundations. Risk of so		bridge shall be monitored for distress
	icant flood events. Monitor bridg		
		INSPECTION PROCEDURES	
What Initiat	ed the Call-out Inspection?	[] BridgeWatch Alert	
	-	•	al Maintenance Personnel
		[] THP or Local Law En	
		[] Other:	
Things to c	heck on a bridge during flood	<u>s:</u>	
[] - Span	movement - horizontally as w	ell as vertically	
	•	•	e 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	
 [] - Chec	k pier exposure, if possible, a	nd compare to previous inspe	ection
	ew the latest bridge inspection		
		•	
<u>f Closure is</u>	recommended:		
Coun temp	ity or City Maintenance Persor	nnel. Use Barricade Tape, trat rists to stay off of the bridge	cured and properly closed by District, ffic cones and/or traffic flares as 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 br	ridge is not State maintained)
	(3) Tennessee Highway P	atrol and/or local law enforce	ement Officers as appropriate
	(4) TDOT Regional Bridge	Engineer	
	Bridge should remain closed u TDOT bridge inspection team.		daylight visual inspection is made

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. 	District maintenance or local highway maintenance ge 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) 723-5100		
HWY. CHIEF ADMINISTRATOR'S OFFICE	(931) 728-3321		
COUNTY SHERIFF'S OFFICE	(931) 728-3591		
] - 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	<u>n:</u>		
Latest Bridge Inspection Report			
Scour POA Report with the above Checklist			
Bridge Design Plans, if available			
Tape measure with weight			
Plumb bob			
Range Pole	o printed with the following massage:		
A 1000 Foot Roll of yellow Polyethylene Barricade Tap SAFETY HAZARD KEEP A			
SAFELL HAZARU KEEP A	AVVA I		

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)