HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 55SR0220015

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: SR22

CROSSING: N. FORK WHITE OAK CREEK
LATITUDE:: N 35.36586 DEGREES
LONGITUDE: W 88.36589 DEGREES

COUNTY: McNAIRY
ROUTE: SR022
SPECIAL CASE: 0
COUNTY SEQUENCE: 2
LOG MILE: 9.35
YEAR BUILT: 1958

LON	10110DE. W 66.30369 DEGREE	TEAN BOILT. 1930
		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 FOUNDATION		
PIERS:	NOT APPLICABLE	
		SCOUR EVALUATION
Bridge is sec	our critical: bridge foundations de	etermined to be unstable for calculated scour conditions. Rip-rap protection
	stalled and is in good condition.	stermined to be dristable for calculated scour conditions. Alp-rap protection
		INSPECTION PROCEDURES -
What Initiate	ed the Call-out Inspection?	[] BridgeWatch Alert
		[] TDOT District or Local Maintenance Personnel
		[] THP or Local Law Enforcement Personnel
		[] Other:
Things to c	<u>heck on a bridge during flood</u>	<u>s:</u>
[] - Span	movement - horizontally as w	ell as vertically
1. C	heck 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, a	nd compare to previous inspection
[] - Revie	w the latest bridge inspection	report versus current field conditions
<u>f Closure is</u>	recommended:	
Coun temp	ty 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 Engineer
	Bridge should remain closed u FDOT bridge inspection team.	ntil the water recedes and a daylight visual inspection is made

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[] - The bridge inspection team will work with State District maintenance or local highway maintenance



officials in establishing a detour route. Any brid	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:	
REGION BRIDGE ENGINEER	(731) 234-9561	
DISTRICT MAINTENANCE SUPERVISOR	(731) 694-6673	
TENNESSEE HIGHWAY PATROL	(731) 423-6635	
The report shall include the date and time of the as appropriate, photographs of the bridge and st scouring has occurred, the report shall also be c	tream channel measurements. If significant copied to Bridge Inspection Headquarters.	
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		
A 1000 Foot Roll of yellow Polyethylene Barricade Tap		
SAFETY HAZARD KEEP A	WAY	

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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