HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 40SR0540021

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: N MARKET ST

CROSSING: JONES BEND CREEK

LATITUDE:: N 36.31147 DEGREES

LONGITUDE: W 99.32714 DEGREES

COUNTY: HENRY
ROUTE: SR054
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 11.78
VEAR BUILT: 1027

LOI	10110DE. W 66.32714 DEGREE	S TEAN BOILT. 1937	
		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE	
		TYPE OF SUBSTRUCTURE	
ABUTMENTS:	CONCRETE SPILL THROUGH ABU	TMENT ON TIMBER PILE FOUNDATION	
BENTS:	CONCRETE COLUMN TWO POST E	BENT ON TIMBER PILE FOUNDATION	
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION	
Dridge is se			
	stalled and is in good condition.	etermined to be unstable for calculated scour conditions. Rip-rap protection	
		- 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	vell as vertically	
		on along curb line, both bridge rails and outer edge of bridge deck.	
2. (Check for plumb of piers or be	ents.	
[] - 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	ew the latest bridge inspection	n report versus current field conditions	
<u>If Closure is</u>	<u>recommended:</u>		
Cour temp	nty or City Maintenance Person	ncross 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	ay 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	e Engineer	
	 The Bridge should remain closed until the water recedes and a daylight visual inspection is made by a TDOT bridge inspection team. 		

PUBLICATION DATE

HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



	State District maintenance or local highway maintenance bridge on the selected detour route shall be checked	
[] - The bridge can be re-opened only after a TE units and they are determined to be structu	e-opened only after a TDOT bridge inspection team checks the substructure letermined to be structurally stable.	
CONTACT PERSONNEL:	TELEPHONE NUMBER:	
REGION BRIDGE ENGINEER	(731) 234-9561	
DISTRICT MAINTENANCE SUPERVISOR	(731) 571-8883	
TENNESSEE HIGHWAY PATROL	(731) 423-6635	
as appropriate, photographs of the bridge a	f the inspection, a brief summary of findings and, nd stream channel measurements. If significant be copied to Bridge Inspection Headquarters.	
Suggested List of Equipment to conduct the Inspe	ection:	
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	Tape printed with the following message:	
SAFETY HAZARD KE	EP AWAY	
A Barricade Tane 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)

A roll of Duct Tape