HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 39SR1000003

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: SR100

CROSSING: MIDDLETON CREEK

LATITUDE:: N 35.49339 DEGREES

LONGITUDE: W 88.38922 DEGREES

COUNTY: HENDERSON
ROUTE: SR100
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 1.93

YEAR BUILT: 1932

		TYPE OF SUPERSTRUCTURE -		
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN:	CONCRETE - TEE BEAM	
		TYPE OF SUBSTRUCTURE -		
ABUTMENTS:	CONCRETE STUB ABUTMENT ON C			
BENTS:	ENTS: CONCRETE PILE BENT ON PILE FOUNDATION			
PIERS:	CONCRETE COLUMNS WITH SOLID	WEB WALL (DUMB BELL) ON TIME	BER PILE FOUNDATION	
Deliler le co	and a self-rate best days for a start and a	SCOUR EVALUATION —	a late la company l'étage. D'a company tout a	
	our critical; bridge foundations de stalled but is in poor condition. Signature		culated scour conditions. Rip-rap protection on system are needed.	
		INSPECTION PROCEDURES -		
What Initiat	ed the Call-out Inspection?	[] BridgeWatch Alert		
	•	[] TDOT District or Loca	I Maintenance Personnel	
		[] THP or Local Law Enf	orcement Personnel	
		[] Other:		
Things to c	heck on a bridge during floods	<u>::</u>		
[] - Span	movement - horizontally as we	ell as vertically		
		•	e rails and outer edge of bridge deck.	
	Check for plumb of piers or ber	,	c c	
[] - 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	
[] - Revie				
		-		
<u>If Closure is</u>	recommended:			
Coun temp	nty or City Maintenance Person	nel. Use Barricade Tape, traf	ured and properly closed by District, fic cones and/or traffic flares as until such time as the bridge may	
[] - Conta	act: (1) District Maintenance S	upervisor (if bridge is State	maintained)	
	(2) City or County Highwa	y Maintenance Official (if bri	idge is not State maintained)	
	(3) Tennessee Highway Pa	atrol and/or local law enforce	ment Officers as appropriate	
	(4) TDOT Regional Bridge	Engineer		
	Bridge should remain closed until the water recedes and a daylight visual inspection is made a TDOT bridge inspection team.			

PUBLICATION DATE

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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 I units and they are determined to be structurally	ge can be re-opened only after a TDOT bridge inspection team checks the substructure		
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