HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 120A3410001

BRIDGE OWNER: CITY OF HENDERSON
ROAD NAME: SOUTH CHURCH AVE
CROSSING: SUGAR CREEK

LATITUDE:: N 35.43103 DEGREES
LONGITUDE: W 88.64033 DEGREES

COUNTY: CHESTER
ROUTE: 00818
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.43
YEAR BUILT: 1929

		TYPE OF SUPERSTRUCTURE
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE
Wir air Ci 7 a v.	CONORETE - TEE BEAM	ATTE OF AIR HOT AIR EIGABLE
		TYPE OF SUBSTRUCTURE
ABUTMENTS:	CONCRETE STUB ABUTMENT ON C	CONCRETE PILE FOUNDATION
BENTS:	STEEL PILE BENT ON PILE FOUND	PATION
PIERS:	NOT APPLICABLE	
		SCOUR EVALUATION
	our critical; bridge foundations desures are installed but they are r	etermined to be unstable for calculated scour conditions. No scour needed.
		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.
	Check for plumb of piers or be	
[] - 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>	recommended:	
Cour temp	nty or City Maintenance Persor	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

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	tate District maintenance or local highway maintenance 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:	
CITY MAYOR'S OFFICE	(731) 989-4628	
POLICE OFFICE	(731) 989-5404	
PUBLIC WORKS DIRECTOR	(731) 983-5010	
as appropriate, photographs of the bridge an	the inspection, a brief summary of findings and, and 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 KEE	EP AWAY	
A Barricade Tape Dispenser with serrated cutter		

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A roll of Duct Tape

Traffic Cones - Minimum of four (4)

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

17-Apr-19