HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 12016750001
BRIDGE OWNER: CHESTER COUNTY
ROAD NAME: CAVE SPRINGS RD

CROSSING: BRANCH

LATITUDE:: N 35.35244 DEGREES LONGITUDE: W 88.72511 DEGREES

COUNTY: CHESTER
ROUTE: 01675
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 3.01

YEAR BUILT: 1955 TYPE OF SUPERSTRUCTURE = MAIN SPAN-**CONCRETE - CHANNEL BEAM** APPR. SPAN: NOT APPLICABLE TYPE OF SUBSTRUCTURE ABUTMENTS: TIMBER CAP ON TIMBER PILE FOUNDATION BENTS: TIMBER PILE BENT ON PILE FOUNDATION PIERS: **NOT APPLICABLE** SCOUR EVALUATION Bridge is scour critical; bridge foundations determined to be unstable for calculated scour conditions. No scour countermeasures are installed but they are needed. **INSPECTION PROCEDURES** [] BridgeWatch Alert What Initiated the Call-out Inspection? [1 TDOT District or Local Maintenance Personnel [] THP or Local Law Enforcement Personnel [] Other: Things to check on a bridge during floods: [] - Span movement - horizontally as well as vertically 1. Check displacement / deflection along curb line, both bridge rails and outer edge of bridge deck. 2. Check for plumb of piers or bents. [] - Check for embankment erosion [] - Check for drift build-up on piers or bents [] - Check pier exposure, if possible, and compare to previous inspection [] - Review the latest bridge inspection report versus current field conditions If Closure is recommended: [] - Stay at bridge with vehicle pulled across road until bridge is secured and properly closed by District, County or City Maintenance Personnel. Use Barricade Tape, traffic cones and/or traffic flares as temporary measures to warn motorists to stay off of the bridge until such time as the bridge may be properly closed and barricaded. [] - Contact: (1) District Maintenance Supervisor (if bridge is State maintained)

PUBLICATION DATE

07-Nov-24

BRIDGE ID 12016750001

(2) City or County Highway Maintenance Official (if bridge is not State maintained) (3) Tennessee Highway Patrol and/or local law enforcement Officers as appropriate

[] - The Bridge should remain closed until the water recedes and a daylight visual inspection is made

(4) TDOT Regional Bridge Engineer

by a TDOT bridge inspection team.

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 The bridge inspection team will work with State officials in establishing a detour route. Any bridge 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 I units and they are determined to be structurally	
CONTACT PERSONNEL:	TELEPHONE NUMBER:
COUNTY MAYOR'S OFFICE	(731) 989-5672
HWY. CHIEF ADMINISTRATOR'S OFFICE	(731) 989-7311
COUNTY SHERIFF'S OFFICE	(731) 989-2787
 Summarize and submit findings from the inspect 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 	inspection, a brief summary of findings and, ream channel measurements. If significant
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	
A 1000 Foot Roll of yellow Polyethylene Barricade Tap	
SAFETY HAZARD KEEP AWAY	

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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)

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