HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 400A0670001

BRIDGE OWNER: HENRY COUNTY

ROAD NAME: FOUNDRY HILL RD

CROSSING: NORTH FORK OBION RIVER

LATITUDE:: N 36.38464 DEGREES

ROUTE: 0A067 SPECIAL CASE: 0 COUNTY SEQUENCE: 1 LOG MILE: 1.16

COUNTY: HENRY

LONGITUDE: W 88.35247 **DEGREES** YEAR BUILT: 1965 TYPE OF SUPERSTRUCTURE = APPR. SPAN: NOT APPLICABLE MAIN SPAN-**CONCRETE - CHANNEL BEAM** TYPE OF SUBSTRUCTURE ABUTMENTS: TIMBER CAP ON TIMBER PILE FOUNDATION BENTS: **NOT APPLICABLE** 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) (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 (4) TDOT Regional Bridge 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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	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 TD units and they are determined to be structu	OOT bridge inspection team checks the substructure rally stable.
CONTACT PERSONNEL:	TELEPHONE NUMBER:
COUNTY MAYOR'S OFFICE	(731) 642-5212
HWY. CHIEF ADMINISTRATOR'S OFFICE	(731) 642-3162
COUNTY SHERIFF'S OFFICE	(731) 642-1672
[] - Summarize and submit findings from the inspection to BridgeWatch scour monitoring system. The report shall include the date and time of the inspection, a brief summary of findings and, as appropriate, photographs of the bridge and stream channel measurements. If significant scouring has occurred, the report shall also be copied to Bridge Inspection Headquarters.	
COMMENTS:	
Suggested List of Equipment to conduct the Inspectatest Bridge Inspection Report	ection:
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	Tane printed with the following message:
SAFETY HAZADD KE	

PUBLICATION DATE

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