HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 350A4620001
BRIDGE OWNER: HARDEMAN COUNTY

ROAD NAME: NUCKOLLS RD

CROSSING: PLEASENT RUN CREEK
LATITUDE:: N 35.27768 DEGREES
LONGITUDE: W 89.00214 DEGREES

COUNTY: HARDEMAN
ROUTE: 05682
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 1.75
YEAR BUILT: 1972

TYPE OF SUPERSTRUCTURE APPR. SPAN: NOT APPLICABLE MAIN SPAN: **CONCRETE - CHANNEL BEAM** 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. Monitor bridge in lieu of installing scour countermeasures. **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

PUBLICATION DATE

by a TDOT bridge inspection team.

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

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 The bridge inspection team will work with State officials in establishing a detour route. Any brid prior to signing the detour route. 	District maintenance or local highway maintenance lge on the selected detour route shall be checked
[] - The bridge can be re-opened only after a TDOT units and they are determined to be structurally	
CONTACT PERSONNEL:	TELEPHONE NUMBER:
COUNTY MAYOR'S OFFICE	(731) 658-3266
HWY. CHIEF ADMINISTRATOR'S OFFICE	(731) 658-5102
COUNTY SHERIFF'S OFFICE	(731) 658-3971
 Summarize and submit findings from the inspect The report shall include the date and time of the as appropriate, photographs of the bridge and s scouring has occurred, the report shall also be only the statement of the second s	inspection, a brief summary of findings and, tream channel measurements. If significant
COMMENTS:	
Suggested List of Equipment to conduct the Inspection	on:
Latest Bridge Inspection Report	
Scour POA Report with the above Checklist	
Bridge Design Plans, if available	
Tape measure with weight	
Plumb bob	
Range Pole	as wrinted with the following massage.
A 1000 Foot Roll of yellow Polyethylene Barricade Tap SAFETY HAZARD KEEP A	

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