HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 570B2110005
BRIDGE OWNER: MADISON COUNTY
ROAD NAME: LYNN HAYNES RD.

CROSSING: BRANCH

LATITUDE:: N 35.62869 DEGREES LONGITUDE: W 89.00617 DEGREES

COUNTY: MADISON
ROUTE: 0B211
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 2.74
YEAR BUILT: 2002

TYPE OF SUPERSTRUCTURE MAIN SPAN-**CONCRETE - CHANNEL BEAM** APPR. SPAN: NOT APPLICABLE TYPE OF SUBSTRUCTURE ABUTMENTS: CONCRETE STUB ABUTMENT ON CONCRETE PILE FOUNDATION BENTS: **CONCRETE PILE BENT ON PILE FOUNDATION** PIERS: **NOT APPLICABLE** SCOUR EVALUATION Bridge has unknown foundations. Risk of scour cannot be determined. The bridge shall be monitored for distress during significant flood events. 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 [] - The Bridge should remain closed until the water recedes and a daylight visual inspection is made

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by a TDOT bridge inspection team.

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[] - The bridge inspection team will work with State District maintenance or local highway maintenance



officials in establishing a detour route. prior to signing the detour route.	Any bridge on the selected detour route shall be checked
[] - The bridge can be re-opened only after units and they are determined to be stru	a TDOT bridge inspection team checks the substructure ucturally stable.
CONTACT PERSONNEL:	TELEPHONE NUMBER:
COUNTY MAYOR'S OFFICE	(731) 423-6020
HWY. CHIEF ADMINISTRATOR'S OFFICE	(731) 422-1651
COUNTY SHERIFF'S OFFICE	(731) 423-6000
as appropriate, photographs of the bridg	ne of the inspection, a brief summary of findings and, ge and stream channel measurements. If significant also be copied to Bridge Inspection Headquarters.
Suggested List of Equipment to conduct the In Latest Bridge Inspection Report	nspection:
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 Barrio	cade Tape printed with the following message:
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)