HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 42S62610009
BRIDGE OWNER: HOUSTON COUNTY
ROAD NAME: WHITEOAK RD
CROSSING: WHITEOAK CREEK

LATITUDE:: N 36.25972 DEGREES LONGITUDE: W 87.83125 DEGREES

COUNTY: HOUSTON
ROUTE: 00937
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.52
YEAR BUILT: 1959

| | | TYPE OF SUPERSTRUCTURE |
|----------------------|--|--|
| MAIN SPAN: | CONCRETE - TEE BEAM | APPR. SPAN: NOT APPLICABLE |
| | | TYPE OF SUBSTRUCTURE |
| ABUTMENTS: | OTHER (CMP, CP, MA, ETC.) ON UN | IKNOWN FOUNDATION |
| BENTS: | STEEL PILE BENT ON PILE FOUND | ATION |
| PIERS: | CONCRETE SOLID SHAFT PIER ON | STEEL PILE FOUNDATION |
| | | SCOUR EVALUATION |
| Bridge is so | our critical: field review indicates | that extensive scour has occurred at bridge foundations. Immediate action |
| | | s. No scour countermeasures are installed but they are needed. |
| | | INSPECTION PROCEDURES |
| What Initiat | ted the Call-out Inspection? | [] BridgeWatch Alert |
| wilat ilitiat | ed the Gan-out hispection: | [] TDOT District or Local Maintenance Personnel |
| | | THP or Local Law Enforcement Personnel |
| | | [] Other: |
| | | [1 0.1.0 |
| Things to c | heck on a bridge during floods | <u>s:</u> |
| [] - Span | movement - horizontally as w | ell as vertically |
| | • | n along curb line, both bridge rails and outer edge of bridge deck. |
| | Check for plumb of piers or be | |
| | k for embankment erosion | |
| | k for drift build-up on piers or | bents |
| | • • | nd compare to previous inspection |
| [] - Revie | ew the latest bridge inspection | report versus current field conditions |
| | | |
| | | |
| <u>If Closure is</u> | recommended: | |
| Cour temp | nty or City Maintenance Person | cross 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 |
| [] - Conta | act: (1) District Maintenance S | Supervisor (if bridge is State maintained) |
| | (2) City or County Highwa | y Maintenance Official (if bridge is not State maintained) |
| | (3) Tennessee Highway Pa | atrol 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. | |

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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 lige 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: | | |
| COUNTY MAYOR'S OFFICE | (931) 289-3633 | | |
| HWY. CHIEF ADMINISTRATOR'S OFFICE | (931) 289-4151 | | |
| COUNTY SHERIFF'S OFFICE | (931) 289-4613 | | |
| 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 Inspection Latest Bridge Inspection Report | on: | | |
| 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 | pe printed with the following message: | | |
| SAFETY HAZARD KEEP A | 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)

07-Nov-24