HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 84E00280001
BRIDGE OWNER: TIPTON COUNTY
ROAD NAME: OLD HWY 51 S
CROSSING: HATCHEL CREEK

LATITUDE:: N 35.49136 DEGREES LONGITUDE: W 89.72519 DEGREES

COUNTY: TIPTON
ROUTE: 00922
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 1.82
YEAR BUILT: 1950

| LON | NGITUDE: W 89.72519 DEGREES | | YEAR BUILT: 1950 |
|---|--|--------------------------------------|--|
| MAIN SPAN: | CONCRETE - TEE BEAM | • TYPE OF SUPERSTRUCTURE APPR. SPAN: | NOT APPLICABLE |
| | | TYPE OF SUBSTRUCTURE = | |
| ABUTMENTS: | CONCRETE FULL HEIGHT ABUTME | NT ON UNKNOWN FOUNDATION | |
| BENTS: | NOT APPLICABLE | | |
| PIERS: | NOT APPLICABLE | | |
| | | SCOUR EVALUATION = | |
| • | our critical; bridge foundations de stalled but is in poor condition. Si | termined to be unstable for cal | culated scour conditions. Rip-rap protection on system are needed. |
| | | INSPECTION PROCEDURES - | |
| What Initiated the Call-out Inspection? | | [] BridgeWatch Alert | |
| | | [] TDOT District or Loca | al Maintenance Personnel |
| | | [] THP or Local Law Ent | forcement Personnel |
| | | [] Other: | |
| Things to c | heck on a bridge during floods | <u>s:</u> | |
| 1. (| movement - horizontally as w Check displacement / deflection Check for plumb of piers or bea | n along curb line, both bridge | e rails and outer edge of bridge deck. |
| | k for embankment erosion | | |
| | k for drift build-up on piers or | bents | |
| | k pier exposure, if possible, ar | | ection |
| | ew the latest bridge inspection | • | |
| lf Closure is | recommended: | | |
| Coun temp | ity or City Maintenance Persor | nel. Use Barricade Tape, traf | cured and properly closed by District, ffic cones and/or traffic flares as until such time as the bridge may |
| [] - Conta | act: (1) District Maintenance S | upervisor (if bridge is State | maintained) |
| | (2) City or County Highwa | y Maintenance Official (if br | ridge is not State maintained) |
| | (3) Tennessee Highway Pa | atrol and/or local law enforce | ement Officers as appropriate |
| | (4) TDOT Regional Bridge | Engineer | |
| | Bridge should remain closed u TDOT bridge inspection team. | ntil the water recedes and a d | daylight visual inspection is made |

PUBLICATION DATE

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| | State District maintenance or local highway maintenance by bridge 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 | (901) 476-0200 | | |
| HWY. CHIEF ADMINISTRATOR'S OFFICE | (901) 837-5900 | | |
| COUNTY SHERIFF'S OFFICE | (901) 475-3300 | | |
| 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 Installatest Bridge Inspection Report | pection: | | |
| 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 Barricac | | | |
| SAFETY HAZARD K | EEP AWAY | | |

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