HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 820C8350001
BRIDGE OWNER: SULLIVAN COUNTY

ROAD NAME: **HENRY RD**CROSSING: **MUDDY CREEK**

LATITUDE:: N 36.47942 DEGREES LONGITUDE: W 82.36515 DEGREES

COUNTY: SULLIVAN
ROUTE: 0C835
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.04
YEAR BUILT: 1989

| | | TYPE OF SUPERSTRUCTURE = | | |
|--|---|--------------------------------|--|--|
| MAIN SPAN: | STEEL - STRINGER/MULTI-BEAM OF | | NOT APPLICABLE | |
| | 0.222 002.002 22 0. | , | 1101741121071322 | |
| | _ | TYPE OF SUBSTRUCTURE - | | |
| ABUTMENTS: | MASONRY OR CONCRETE BLOCK A | ABUTMENTS ON CONCRETE SPRE | AD FOOTING FOUNDATION | |
| BENTS: | NOT APPLICABLE | | | |
| PIERS: | MASONRY OR CONCRETE BLOCK F | PIER ON CONCRETE SPREAD FOO | TING FOUNDATION | |
| | | SCOUR EVALUATION - | | |
| | our critical; bridge foundations de ling scour countermeasures. | termined to be unstable for ca | Iculated scour conditions. Monitor bridge in | |
| | | INSPECTION PROCEDURES - | | |
| What Initiat | ed the Call-out Inspection? | [] BridgeWatch Alert | | |
| · | | [] TDOT District or Loca | al Maintenance Personnel | |
| | | [] THP or Local Law En | forcement Personnel | |
| | | [] Other: | | |
| | | | | |
| Things to c | <u>heck on a bridge during floods</u> | <u>:</u> | | |
| [] - Span | movement - horizontally as we | ell as vertically | | |
| | | | e rails and outer edge of bridge deck. | |
| 2. 0 | Check for plumb of piers or ber | its. | | |
| [] - Chec | k for embankment erosion | | | |
| [] - Chec | k for drift build-up on piers or | pents | | |
| [] - Chec | k pier exposure, if possible, an | d compare to previous insp | ection | |
| [] - Review the latest bridge inspection report versus current field conditions | | | | |
| | | | | |
| | | | | |
| <u>If Closure is</u> | recommended: | | | |
| Coun temp | ity or City Maintenance Person | nel. Use Barricade Tape, tra | 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 Highway | y Maintenance Official (if bi | ridge is not State maintained) | |
| | (3) Tennessee Highway Pa | trol and/or local law enforce | ement Officers as appropriate | |
| | (4) TDOT Regional Bridge | Engineer | | |
| | Bridge should remain closed until the water recedes and a daylight visual inspection is made TDOT bridge inspection team. | | | |

PUBLICATION DATE

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| • • | te District maintenance or local highway maintenance idge 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 | (423) 323-6417 | | |
| HWY. CHIEF ADMINISTRATOR'S OFFICE | (423) 279-2828 | | |
| COUNTY SHERIFF'S OFFICE | (423) 279-6064 | | |
| The report shall include the date and time of the as appropriate, photographs of the bridge and scouring has occurred, the report shall also be COMMENTS: | e copied to Bridge Inspection Headquarters. | | |
| | | | |
| Suggested List of Equipment to conduct the Inspect | tion: | | |
| Latest Bridge Inspection Report | | | |
| 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 Ta | ape printed with the following message: | | |
| SAFETY HAZARD KEEP | PAWAY | | |
| A Barricade Tape Dispenser with serrated cutter | | | |

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A roll of Duct Tape

Traffic Cones - Minimum of four (4)

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

17-Apr-19