## HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 46026920001

BRIDGE OWNER: JOHNSON COUNTY

ROAD NAME: BULL DOG RD

CROSSING: ROAN CREEK

LATITUDE:: N 36.37160 DEGREES
LONGITUDE: W 81.75685 DEGREES

COUNTY: JOHNSON
ROUTE: 02692
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.03
YEAR BUILT: 1960

| LON                                     | NGITUDE: W 81.75685 DEGREES   | i                                      | YEAR BUILT: 1960  |
|---|---|--|---|
| MAIN SPAN:                              | CONCRETE - TEE BEAM   | • TYPE OF SUPERSTRUCTURE = APPR. SPAN: | NOT APPLICABLE  |
|   |   | TYPE OF SUBSTRUCTURE =                 |   |
| ABUTMENTS:                              | CONCRETE FULL HEIGHT ABUTME   |  |   |
| BENTS:                                  | NOT APPLICABLE  |  |   |
| PIERS:                                  | NOT APPLICABLE  |  |   |
|   |   | SCOUR EVALUATION =                     |   |
|   | unknown foundations. Risk of sco<br>ficant flood events. Monitor bridge   |  | bridge shall be monitored for distress termeasures.   |
|   |   | 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  | 2.                                     |   |
| •                                       |   |  |   |
|   | movement - horizontally as w  | •                                      | a vaila and autov adva of bridge dook   |
|   | <u>-</u>  |  | e rails and outer edge of bridge deck.  |
|   | Check for plumb of piers or be<br>k for embankment erosion  | 1115.                                  |   |
|   |   | hants                                  |   |
|   | k for drift build-up on piers or<br>k pier exposure, if possible, ar  |  | action  |
|   | ew the latest bridge inspection   |  |   |
| [ ] - Keale                             | w the latest bridge mapection   | report versus current neid c           | onditions   |
|   |   |  |   |
| <u>If Closure is</u>                    | recommended:  |  |   |
| Cour<br>temp                            | nty or City Maintenance Persor  | nnel. Use Barricade Tape, traf         | eured and properly closed by District, fic cones and/or traffic flares as 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 br          | idge is not State maintained )  |
|   | (3) Tennessee Highway P   | atrol and/or local law enforce         | ment 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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|   | ate District maintenance or local highway maintenance oridge on the selected detour route shall be checked                            |  |  |
|---|---|--|--|
|   | ge can be re-opened only after a TDOT bridge inspection team checks the substructure d they are determined to be structurally stable. |  |  |
| CONTACT PERSONNEL:  | TELEPHONE NUMBER:   |  |  |
| COUNTY MAYOR'S OFFICE   | (423) 727-9696  |  |  |
| HWY. CHIEF ADMINISTRATOR'S OFFICE   | (423) 727-7851  |  |  |
| COUNTY SHERIFF'S OFFICE   | (423) 727-7761  |  |  |
| <ul> <li>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.</li> </ul> <li>COMMENTS:</li> |   |  |  |
|   |   |  |  |
| Suggested List of Equipment to conduct the Inspec   | ction:  |  |  |
| 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   | Tape printed with the following message:  |  |  |
| SAFETY HAZARD KEE   | P AWAY  |  |  |
| A Barricade Tape Dispenser with serrated cutter   |   |  |  |

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

BRIDGE ID 46026920001

A roll of Duct Tape