HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 27015210001
BRIDGE OWNER: GIBSON COUNTY
ROAD NAME: BASELINE RD

CROSSING: COOL SPRINGS BRANCH
LATITUDE:: N 36.15333 DEGREES
LONGITUDE: W 89.11167 DEGREES

COUNTY: GIBSON
ROUTE: 01521
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.04
YEAR BUILT: 1960

LON	NGHODE. W 69.11167 DEGREES	TEAR BOILT. 1900	
		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - CHANNEL BEAM	APPR. SPAN: NOT APPLICABLE	
		TYPE OF SUBSTRUCTURE	
ABUTMENTS:	TIMBER CAP ON TIMBER PILE FOU	NDATION	
BENTS:	TIMBER PILE BENT ON PILE FOUN	DATION	
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION	
Pridgo is see	our critical: bridge foundations de	etermined to be unstable for calculated scour conditions. No scour	
•	sures are installed but they are n		
		INSPECTION PROCEDURES	
What Initiated the Call-out Inspection?		[] BridgeWatch Alert	
		[] TDOT District or Local Maintenance Personnel	
		[] THP or Local Law Enforcement Personnel	
		[] Other:	
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.	
2. 0	Check for plumb of piers or be	nts.	
[] - Check for embankment erosion			
[] - Chec	k for drift build-up on piers or	bents	
[] - Chec	k pier exposure, if possible, ar	nd compare to previous inspection	
[] - Review the latest bridge inspection report versus current field conditions			
<u>lf Closure is</u>	recommended:		
Coun temp	nty or City Maintenance Persor	cross road until bridge is secured and properly closed by District, inel. 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 P	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.		

PUBLICATION DATE

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 The bridge inspection team will work with State District maintenance or local highway maintenance officials in establishing a detour route. Any bridge on the selected detour route shall be checked prior to signing the detour route. 		
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.		
TELEPHONE NUMBER:		
(731) 855-7611		
(731) 855-7684		
(731) 855-1121		
 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. 		
<u>1:</u>		
e printed with the following message:		
WAY		

TDOT radio directory (State Personnel only)

Traffic Cones - Minimum of four (4)

A Barricade Tape Dispenser with serrated cutter

Traffic Safety Flares - Minimum of four (4) or set of electronic warning flashers

TDOT two-way radio (State Personnel only) and/or cellular telephone

A roll of Duct Tape