HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



COUNTY: GIBSON

BRIDGE ID NUMBER: 270A3790007
BRIDGE OWNER: GIBSON COUNTY

ROAD NAME: SANDERS STORE TO MOORE CH
CROSSING: BRANCH FORKED DEER RIVER
LATITUDE:: N 35.93956 DEGREES
LONGITUDE: W 88.83806 DEGREES

ROUTE: 0A379
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 2.89
YEAR BUILT: 1958

20.	10.00000 DIO	TE/110 30 E1. 1000	
		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - BOX BEAM OR GIRDE	RS - MULTIPLE APPR. SPAN: NOT APPLICABLE	
		TYPE OF SUBSTRUCTURE	
ABUTMENTS:	CONCRETE SPILL THROUGH ABUT	MENT ON STEEL PILE FOUNDATION	
BENTS: CONCRETE COLUMN FOUR OR MORE POST BENT ON ROCK FOUNDATION			
PIERS:	NOT APPLICABLE		
		COOLID FIVAL HATION	
D. Harris	a a selfant befolen fa a definancia	SCOUR EVALUATION	
•		rermined to be unstable for calculated scour conditions. Rip-rap protection in gnificant repairs to the protection system are needed.	
		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	<u>heck on a bridge during floods</u>	<u>:</u>	
1. 0	movement - horizontally as w Check displacement / deflectio Check for plumb of piers or be	along curb line, both bridge rails and outer edge of bridge deck.	
	k for embankment erosion		
	k for drift build-up on piers or	pents	
	• •	d compare to previous inspection	
		report versus current field conditions	
	5 .	•	
<u>lf Closure is</u>	recommended:		
Coun temp	nty or City Maintenance Persor	ross road until bridge is secured and properly closed by District, nel. Use Barricade Tape, traffic cones and/or traffic flares as sts to stay off of the bridge until such time as the bridge may	
[] - Conta	act: (1) District Maintenance S	upervisor (if bridge is State maintained)	
	(2) City or County Highwa	Maintenance Official (if bridge is not State maintained)	
	(3) Tennessee Highway P	trol 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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	te District maintenance or local highway maintenance ridge 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	(731) 855-7611		
HWY. CHIEF ADMINISTRATOR'S OFFICE	(731) 855-7684		
COUNTY SHERIFF'S OFFICE	(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. COMMENTS:			
Suggested List of Equipment to conduct the Inspec	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 T	ape printed with the following message:		
SAFETY HAZARD KEEF	PAWAY		
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)

A roll of Duct Tape