HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 350A0910001

BRIDGE OWNER: HARDEMAN COUNTY

ROAD NAME: OLD JACKSON RD

CROSSING: RICHLAND CREEK

LATITUDE:: N 35.39733 DEGREES LONGITUDE: W 89.17231 DEGREES

COUNTY: HARDEMAN
ROUTE: 0A091
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.95
YEAR BUILT: 1969

		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - CHANNEL BEAM	APPR. SPAN: NOT APPLICABLE	
		TYPE OF CURCTRUCTURE	
ABUTMENTS:	TIMBER CAP ON TIMBER PILE FOU	TYPE OF SUBSTRUCTURE ————————————————————————————————————	
BENTS:	NOT APPLICABLE	NDATION	
PIERS:	NOT APPLICABLE		
TILINO.	NOT AFFLICABLE		
		SCOUR EVALUATION -	
	our critical; bridge foundations de sures are installed but they are n	termined to be unstable for calculated scour conditions. No scour eeded.	
		INSPECTION PROCEDURES -	
What Initiat	ed 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>::</u>	
[] - Span	movement - horizontally as we	ell as vertically	
1. 0	Check displacement / deflection	n along curb line, both bridge rails and outer edge of bridge deck.	
2. 0	Check for plumb of piers or ber	nts.	
[] - Chec	k for embankment erosion		
[] - Chec	k for drift build-up on piers or	bents	
[] - Chec	k pier exposure, if possible, an	nd compare to previous inspection	
[] - Review the latest bridge inspection report versus current field conditions			
<u>It Closure is</u>	recommended:		
Coun temp	nty or City Maintenance Person	cross road until bridge is secured and properly closed by District, inel. Use Barricade Tape, traffic cones and/or traffic flares as ists 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	y Maintenance Official (if bridge is not State maintained)	
	(3) Tennessee Highway Pa	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.		

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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.		
CONTACT PERSONNEL:	TELEPHONE NUMBER:		
COUNTY MAYOR'S OFFICE	(731) 658-3266		
HWY. CHIEF ADMINISTRATOR'S OFFICE	(731) 658-5102		
COUNTY SHERIFF'S OFFICE	(731) 658-3971		
] - 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 Inspection	<u>ı:</u>		
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 KEEP AV			

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)

PUBLICATION DATE
07-Nov-24

A roll of Duct Tape