HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 350A1350001
BRIDGE OWNER: HARDEMAN COUNTY
ROAD NAME: MCMAHAN RD
CROSSING: MAGBEE BRANCH

LATITUDE:: N 35.15178 DEGREES LONGITUDE: W 88.84710 DEGREES

COUNTY: HARDEMAN
ROUTE: 0A135
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 5.64
YEAR BUILT: 1970

		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 FOUND	ATION		
PIERS:	NOT APPLICABLE			
		SCOUR EVALUATION -		
Bridge is sco	our critical: bridge foundations de	ermined to be unstable for calc	culated scour conditions. No scour	
	sures are installed but they are no			
		INSPECTION PROCEDURES =		
What Initiat	ed the Call-out Inspection?	[] BridgeWatch Alert		
•			Il Maintenance Personnel	
		[] THP or Local Law Enf	orcement Personnel	
		[] Other:		
Things to c	heck on a bridge during floods	<u>-</u>		
[] - Span	movement - horizontally as we	ell as vertically		
	•	•	e rails and outer edge of bridge deck.	
2. (Check for plumb of piers or ben	ts.		
[] - Check for embankment erosion				
[] - Check for drift build-up on piers or bents				
[] - Chec	k pier exposure, if possible, an	d compare to previous inspe	ection	
[] - Review the latest bridge inspection report versus current field conditions				
<u>If Closure is</u>	recommended:			
Cour	nty or City Maintenance Person	nel. Use Barricade Tape, traf	ured and properly closed by District, fic cones and/or traffic flares as	
	orary measures to warn motori coperly closed and barricaded.	sts to stay off of the bridge u	until such time as the bridge may	
[] - Conta	act: (1) District Maintenance S	upervisor (if bridge is State	maintained)	
	(2) City or County Highway	/ Maintenance Official (if bri	idge is not State maintained)	
	(3) Tennessee Highway Pa	trol and/or local law enforce	ment 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 be prior to signing the detour route.	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) 658-3266	
HWY. CHIEF ADMINISTRATOR'S OFFICE	(731) 658-5102	
COUNTY SHERIFF'S OFFICE	(731) 658-3971	
Suggested List of Equipment to conduct the Inspec	etion:	
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		
SAFETY HAZARD KEE	PAWAY	

PUBLICATION DATE

A roll of Duct Tape

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)

07-Nov-24