HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 350A2520001

BRIDGE OWNER: **HARDEMAN COUNTY**ROAD NAME: **ROCKY SPRINGS RD**

CROSSING: **OVERFLOW**

LATITUDE:: N 35.07475 DEGREES LONGITUDE: W 89.02178 DEGREES

COUNTY: HARDEMAN
ROUTE: 0A252
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 2.74
YEAR BUILT: 1965

LON	NGHODE. W 69.02176 DEGREES	I LAN BOILT. 1903			
		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	BER PILE BENT ON PILE FOUNDATION			
PIERS:	NOT APPLICABLE				
		SCOUR EVALUATION			
Pridgo is see	our critical: bridge foundations de	termined to be unstable for calculated scour conditions. No scour			
-	sures are installed but they are n				
		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>E</u>			
[] - Span	movement - horizontally as w	ell as vertically			
1. 0	Check displacement / deflectio	n along curb line, both bridge rails and outer edge of bridge deck.			
2. 0	Check for plumb of piers or be	nts.			
[] - Chec	k for embankment erosion				
[] - Chec	k for drift build-up on piers or	bents			
[] - Chec	k pier exposure, if possible, ar	d compare to previous inspection			
[] - Revie	ew the latest bridge inspection	report versus current field conditions			
	recommended:				
Coun temp	ity or City Maintenance Persor	cross road until bridge is secured and properly closed by District, nel. 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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	a detour route. Any bridge	strict maintenance or local highway maintenance 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	
The report shall include to as appropriate, photogra	the date and time of the ins phs of the bridge and strea	n to BridgeWatch scour monitoring system. spection, a brief summary of findings and, am channel measurements. If significant ied to Bridge Inspection Headquarters.	
COMMENTS:			
Suggested List of Equipment t	o conduct the Inspection:		
Latest Bridge Inspection Repo	rt		
Scour POA Report with the abo	ove Checklist		
Bridge Design Plans, if availab	le		
Tape measure with weight			
Plumb bob			
Range Pole			
	• •	printed with the following message:	
SA	AFETY HAZARD KEEP AWA	4Y	

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