## HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 35\$81170001

BRIDGE OWNER: HARDEMAN COUNTY

ROAD NAME: **VILDO RD**CROSSING: **SHORT CREEK** 

LATITUDE:: N 35.30678 DEGREES
LONGITUDE: W 89.05742 DEGREES

COUNTY: HARDEMAN
ROUTE: 00867
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 2.63
YEAR BUILT: 1954

LON	10110DL: W 69.03742 DEGREES	TEAN BOILT. 1934	
		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - CHANNEL BEAM	APPR. SPAN: NOT APPLICABLE	
		TYPE OF SUBSTRUCTURE	
ABUTMENTS:	CONCRETE STUB ABUTMENT ON (	ONCRETE PILE FOUNDATION	
BENTS:	CONCRETE PILE BENT ON PILE FO	UNDATION	
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION	
Bridge is so	our critical: bridge foundations de	termined to be unstable for calculated scour conditions. Rip-rap protection	
•		gnificant repairs to the protection system are needed.	
	·	INSPECTION PROCEDURES	
What Initiat	and the Call out Inspection?		
What Initiated the Call-out Inspection?		[ ] BridgeWatch Alert	
		[ ] TDOT District or Local Maintenance Personnel [ ] THP or Local Law Enforcement Personnel	
		• •	
		[ ] Other:	
•	heck on a bridge during floods movement - horizontally as w		
		•	
	<u>-</u>	n along curb line, both bridge rails and outer edge of bridge deck.	
	Check for plumb of piers or be k for embankment erosion	its.	
		hanta	
	k for drift build-up on piers or		
		d compare to previous inspection	
[ ] - Revie	w the latest bridge inspection	report versus current field conditions	
If Closure is	recommended:		
Coun temp	nty 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 P	atrol and/or local law enforcement Officers as appropriate	
	(4) TDOT Regional Bridge	Engineer	
	<ul> <li>The Bridge should remain closed until the water recedes and a daylight visual inspection is made by a TDOT bridge inspection team.</li> </ul>		

## **PUBLICATION DATE**

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<ul> <li>The bridge inspection team will work with State officials in establishing a detour route. Any bridge prior to signing the detour route.</li> </ul>	District maintenance or local highway maintenance ge 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		
<ul> <li>Summarize and submit findings from the inspect The report shall include the date and time of the as appropriate, photographs of the bridge and st scouring has occurred, the report shall also be c</li> </ul>	inspection, a brief summary of findings and, ream channel measurements. If significant		
COMMENTS:			
Suggested List of Equipment to conduct the Inspection	<u>n:</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 Tap			
SAFETY HAZARD KEEP A	WAY		

**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