## HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 40SR1140005

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: VALE RD

CROSSING: PANTHER CREEK

LATITUDE:: N 36.16600 DEGREES LONGITUDE: W 88.25672 DEGREES

COUNTY: HENRY
ROUTE: SR114
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 1.34

LONGITUDE: W 88.25672 DEGREES			YEAR BUILT: 1953	
MAIN SPAN:	CONCRETE - TEE BEAM	TYPE OF SUPERSTRUCTURE	NOT APPLICABLE	
WAIN SPAN.	CONCRETE - TEE BEAM	AFFN. SFAIN.	NOT AFFLICABLE	
		TYPE OF SUBSTRUCTURE		
ABUTMENTS:	CONCRETE STUB ABUTMENT ON	CONCRETE PILE FOUNDATION		
BENTS:	CONCRETE PILE BENT ON PILE FO	DUNDATION		
PIERS:	NOT APPLICABLE			
		SCOUR EVALUATION		
-	our critical; bridge foundations de ling scour countermeasures.	etermined to be unstable for cal	culated scour conditions. Monitor bridge in	
		- INSPECTION PROCEDURES -		
What Initiat	ed the Call-out Inspection?	[ ] BridgeWatch Alert		
The contract of the contract o		[ ] TDOT District or Loca	al Maintenance Personnel	
		[ ] THP or Local Law En		
		• •		
Things to c	heck on a bridge during flood	<u>s:</u>		
[ ] - Span	movement - horizontally as w	vell as vertically		
	•	· ·	e rails and outer edge of bridge deck.	
	Check for plumb of piers or be			
	k for embankment erosion			
	k for drift build-up on piers or	bents		
	k pier exposure, if possible, a		ection	
	ew the latest bridge inspection			
<u>lf Closure is</u>	recommended:			
Coun temp	nty or City Maintenance Perso	nnel. Use Barricade Tape, trat rists to stay off of the bridge	cured and properly closed by District, ffic cones and/or traffic flares as until such time as the bridge may	
[ ] - Conta	ct: (1) District Maintenance Supervisor (if bridge is State maintained)			
	(2) City or County Highwa	ay Maintenance Official ( if br	ridge is not State maintained )	
	(3) Tennessee Highway P	atrol and/or local law enforce	ement Officers as appropriate	
	(4) TDOT Regional Bridge	e 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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	ate District maintenance or local highway maintenance ridge on the selected detour route shall be checked		
	<ul> <li>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.</li> </ul>		
CONTACT PERSONNEL:	TELEPHONE NUMBER:		
REGION BRIDGE ENGINEER	(731) 234-9561		
DISTRICT MAINTENANCE SUPERVISOR	(731) 571-8883		
TENNESSEE HIGHWAY PATROL	(731) 423-6635		
] - 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 Inspectatest Bridge Inspection Report Scour POA Report with the above Checklist	etion:		
Bridge Design Plans, if available			
Tape measure with weight			
Plumb bob			
Range Pole			
A 1000 Foot Roll of yellow Polyethylene Barricade T	Tape printed with the following message:		
CAFETY HAZADO MEGI	D AMAV		

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