## HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 21SR1410011

BRIDGE OWNER: STATE OF TENNESSEE
ROAD NAME: WOLF CREEK RD
CROSSING: WOLF CREEK

LATITUDE:: N 36.09013 DEGREES
LONGITUDE: W 85.79108 DEGREES

COUNTY: DEKALB
ROUTE: SR141
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 4.83

LON	NGITUDE: W 85.79108 DEGREE	S	YEAR BUILT: 1946
		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN:	NOT APPLICABLE
		TYPE OF SUBSTRUCTURE	
ABUTMENTS:	CONCRETE FULL HEIGHT ABUTMI	ENT ON ROCK FOUNDATION	
BENTS:	NOT APPLICABLE		
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION -	
	unknown foundations. Risk of scicant flood events. Substructure		bridge shall be monitored for distress
		- INSPECTION PROCEDURES -	
What Initiated the Call-out Inspection?		[ ] BridgeWatch Alert	
		[ ] TDOT District or Loca	al Maintenance Personnel
		[ ] THP or Local Law En	forcement Personnel
		[ ] Other:	
Things to c	heck on a bridge during flood	s:	
_	movement - horizontally as w		
		· ·	e rails and outer edge of bridge deck.
	Check for plumb of piers or be		o rano ana oato. oago o anago aoota
	k for embankment erosion		
	k for drift build-up on piers or	bents	
	k pier exposure, if possible, a		ection
[ ] - Revie	ew the latest bridge inspection	n report versus current field c	onditions
lf Clasura is	recommended:		
		orece reed until bridge is see	ured and properly aloned by District
Coun temp	nty or City Maintenance Perso	nnel. Use Barricade Tape, trat rists to stay off of the bridge	eured and properly closed by District, ffic cones and/or traffic flares as until such time as the bridge may
[ ] - Conta	act: (1) District Maintenance S	Supervisor ( if bridge is State	maintained )
	(2) City or County Highwa	ay Maintenance Official ( if br	idge is not State maintained )
	(3) Tennessee Highway P	atrol and/or local law enforce	ment Officers as appropriate
	(4) TDOT Regional Bridge	e Engineer	
	e Bridge should remain closed until the water recedes and a daylight visual inspection is made a TDOT bridge inspection team		

## **PUBLICATION DATE**

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	e District maintenance or local highway maintenance dge 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:		
REGION BRIDGE ENGINEER	(423) 290-7467		
DISTRICT MAINTENANCE SUPERVISOR	(931) 267-6324		
TENNESSEE HIGHWAY PATROL	(931) 528-8496		
[ ] - 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 Inspect	ion:		
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 Ta			
SAFETY HAZARD KEEP	AWAY		

**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)