## HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 10026110001

BRIDGE OWNER: CARTER COUNTY

ROAD NAME: BLUE SPRINGS RD

CROSSING: STONEY CREEK

LATITUDE:: N 36.39767 DEGREES
LONGITUDE: W 82.10933 DEGREES

COUNTY: CARTER
ROUTE: 02611
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 5.28
YEAR BUILT: 1960

LON	NGITODE. W 62.10933 DEGREES	TEAR BOILT. 1900		
		TYPE OF SUPERSTRUCTURE		
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE		
		TYPE OF SUBSTRUCTURE		
ABUTMENTS:	CONCRETE STUB ABUTMENT ON S	STEEL PILE FOUNDATION		
BENTS:	CONCRETE COLUMN FOUR OR MC	LUMN FOUR OR MORE POST BENT ON UNKNOWN FOUNDATION		
PIERS:	NOT APPLICABLE			
		SCOUR EVALUATION		
Bridge has u	unknown foundations. Risk of sc	our cannot be determined. The bridge shall be monitored for distress		
		e in lieu of installing scour countermeasures.		
		- 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 flood	<u>s:</u>		
[ ] - Span	movement - horizontally as w	rell as vertically		
	•	n along curb line, both bridge rails and outer edge of bridge deck.		
	Check for plumb of piers or be			
[ ] - Chec	k for embankment erosion			
[ ] - Chec	k for drift build-up on piers or	bents		
[ ] - Chec	k pier exposure, if possible, a	nd compare to previous inspection		
[ ] - Review the latest bridge inspection report versus current field conditions				
<u>If Closure is</u>	<u>recommended:</u>			
Cour temp	nty or City Maintenance Persor	cross road until bridge is secured and properly closed by District, nnel. Use Barricade Tape, traffic cones and/or traffic flares as rists to stay off of the bridge until such time as the bridge may		
[ ] - Conta	act: (1) District Maintenance S	Supervisor ( 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	e Engineer		
	Bridge should remain closed u TDOT bridge inspection team.	ntil the water recedes and a daylight visual inspection is made		

## **PUBLICATION DATE**

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	shing a detour route. Any bri	e District maintenance or local highway maintenance dge on the selected detour route shall be checked	
[ ] - The bridge can be units and they are	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 PERSONNE	<u>L:</u>	TELEPHONE NUMBER:	
COUNTY MAYOR'S OF	FICE	(423) 542-1801	
HWY. CHIEF ADMINIS	RATOR'S OFFICE	(423) 543-2331	
COUNTY SHERIFF'S O	FFICE	(423) 543-2211	
The report shall inc as appropriate, pho	clude the date and time of the otographs of the bridge and s	ction to BridgeWatch scour monitoring system. e inspection, a brief summary of findings and, stream channel measurements. If significant copied to Bridge Inspection Headquarters.	
COMMENTS:			
Suggested List of Equiporatest Bridge Inspection Scour POA Report with the Bridge Design Plans, if a	he above Checklist	on:	
Tape measure with weig			
Plumb bob	••		
Range Pole			
A 1000 Foot Roll of yello	w Polyethylene Barricade Ta	pe printed with the following message:	
	SAFETY HAZARD KEED	ΔΜΑΥ	

TDOT radio directory (State Personnel only)

Traffic Cones - Minimum of four (4)

A Barricade Tape Dispenser with serrated cutter

Traffic Safety Flares - Minimum of four (4) or set of electronic warning flashers

TDOT two-way radio (State Personnel only) and/or cellular telephone

A roll of Duct Tape