## HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 330B8890001
BRIDGE OWNER: CITY OF EAST RIDGE
ROAD NAME: SPRINGVALE RD
CROSSING: SPRING CREEK

LATITUDE:: N 34.98883 DEGREES
LONGITUDE: W 85.22627 DEGREES

COUNTY: HAMILTON
ROUTE: 0B889
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.20
YEAR BUILT: 1955

LON	IGHODE. W 65.22027 DEGREES	TEAR BOILT. 1933
		TYPE OF SUPERSTRUCTURE
MAIN SPAN:	CONCRETE CONTINUOUS - SLAB	APPR. SPAN: NOT APPLICABLE
		TYPE OF SUBSTRUCTURE
ABUTMENTS:	CONCRETE BOX TYPE ON UNKNOW	VN FOUNDATION
BENTS:	NOT APPLICABLE	
PIERS:	CONCRETE SOLID SHAFT PIER ON	UNKNOWN FOUNDATION
		SCOUR EVALUATION
Bridge has I	unknown foundations. Risk of sco	our cannot be determined. The bridge shall be monitored for distress
		e in lieu of installing scour countermeasures.
		INSPECTION PROCEDURES -
What Initiated 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>:</u>
[ ] - Span	movement - horizontally as we	ell as vertically
		n along curb line, both bridge rails and outer edge of bridge deck.
	Check for plumb of piers or ber	
	k for embankment erosion	
[ ] - Chec	k for drift build-up on piers or l	bents
		d compare to previous inspection
[ ] - Review the latest bridge inspection report versus current field conditions		
	<b>.</b>	•
<u>If Closure is</u>	recommended:	
Coun temp	ty or City Maintenance Person	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
[ ] - Contact: (1) District Maintenance Sup		upervisor ( if bridge is State maintained )
	(2) City or County Highway	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
	Bridge should remain closed ur TDOT bridge inspection team.	ntil the water recedes and a daylight visual inspection is made

## **PUBLICATION DATE**

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	ate District maintenance or local highway maintenance oridge 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:		
CITY MAYOR'S OFFICE	(423) 867-7711		
POLICE OFFICE	(423) 867-7100		
as appropriate, photographs of the bridge an	pection to BridgeWatch scour monitoring system. the inspection, a brief summary of findings and, d stream channel measurements. If significant be copied to Bridge Inspection Headquarters.		
COMMENTS:			
Suggested List of Equipment to conduct the Inspe-	ction:		
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			
SAFETY HAZARD KEE	PAWAY		
A Barricade Tape Dispenser with serrated cutter			
A roll of Duct Tape			
Traffic Cones - Minimum of four (4)			
Traffic Safety Flares - Minimum of four (4) or set of	_		
TDOT two-way radio (State Personnel only) and/or	cellular telephone		

**TDOT radio directory (State Personnel only)**