## HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 47037740003

BRIDGE OWNER: CITY OF KNOXVILLE

ROAD NAME: SUTHERLAND AVE

CROSSING: E.FK. THIRD CR & SOU. RR

LATITUDE:: N 35.95850 DEGREES

ROUTE: 03774

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

LOG MILE: 3.12

COUNTY: KNOX

LON	GITUDE: W 83.94944 DEGREES	3	YEAR BUILT: 1974	
		TYPE OF SUPERSTRUCTURE		
MAIN SPAN:	PRESTRESSED CONCRETE - BOX GIRDERS - MULTIPLE	BEAM OR APPR. SPAN:	NOT APPLICABLE	
		TYPE OF SUBSTRUCTURE		
ABUTMENTS:	CONCRETE FULL HEIGHT ABUTME	ENT ON UNKNOWN FOUNDATION		
BENTS: CONCRETE COLUMN THREE POST BENT ON ROCK FOUNDATION				
PIERS:	NOT APPLICABLE			
		SCOUR EVALUATION		
Dridae bee u	unknown foundations. Disk of ac		bridge shall be manitored for distress	
	icant flood events. Monitor bridg		bridge shall be monitored for distress ntermeasures.	
		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:		
[ ] - Span 1. C 2. C [ ] - Chec [ ] - Chec [ ] - Chec	heck on a bridge during flood movement - horizontally as we heck displacement / deflection heck for plumb of piers or be k for embankment erosion k for drift build-up on piers or k pier exposure, if possible, and	ell as vertically n along curb line, both bridg nts. bents nd compare to previous insp		
f Closure is	recommended:			
Coun temp	ty or City Maintenance Persoi	nnel. Use Barricade Tape, tra 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	y Maintenance Official ( if b	ridge is not State maintained )	
	(3) Tennessee Highway P	atrol and/or local law enforce	ement Officers as appropriate	
	(4) TDOT Regional Bridge	Engineer		
	Bridge should remain closed u FDOT bridge inspection team.		daylight visual inspection is made	

## **PUBLICATION DATE**

## HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT

[ ] - The bridge inspection team will work with State District maintenance or local highway maintenance



	officials in establishing a detour route. Any b prior to signing the detour route.	ridge on the selected detour route shall be checked			
		idge can be re-opened only after a TDOT bridge inspection team checks the substructure and they are determined to be structurally stable.			
9	CONTACT PERSONNEL:	TELEPHONE NUMBER:			
(	CITY MAYOR'S OFFICE	(865) 215-2040			
(	CITY ENGINEER'S OFFICE	(865) 215-2148			
1	POLICE OFFICE	(865) 215-7229			
1	PUBLIC WORKS DIRECTOR	(865) 215-2060			
T a	The report shall include the date and time of the same of the same appropriate, photographs of the bridge and	ection to BridgeWatch scour monitoring system. he inspection, a brief summary of findings and, d stream channel measurements. If significant he copied to Bridge Inspection Headquarters.			
	ENTS:				
Sugge	sted List of Equipment to conduct the Inspec	etion:			
Latest	Bridge Inspection Report				
Scour	POA Report with the above Checklist				
_	Design Plans, if available				
•	neasure with weight				
Plumb					
Range					
A 1000	Foot Roll of yellow Polyethylene Barricade				
	SAFETY HAZARD KEE	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)