## HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 470D8760001

BRIDGE OWNER: KNOX COUNTY

ROAD NAME: KIMBERLIN HGHTS DR

CROSSING: HINES CREEK

LATITUDE:: N 35.92628 DEGREES LONGITUDE: W 83.79772 DEGREES

COUNTY: KNOX
ROUTE: 0D876
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.21

LON	NGITUDE: W 83.79772 DEGREE	S	YEAR BUILT: 1930
		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN:	NOT APPLICABLE
-		<ul> <li>TYPE OF SUBSTRUCTURE</li> </ul>	
ABUTMENTS:	CONCRETE FULL HEIGHT ABUTMENT ON CONCRETE SPREAD FOOTING FOUNDATION		
BENTS:	NOT APPLICABLE		
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION	
		cour cannot be determined. The ge in lieu of installing scour coun	bridge shall be monitored for distress termeasures.
		- INSPECTION PROCEDURES -	
What Initiated the Call-out Inspection?		[ ] BridgeWatch Alert	
	•	•	al Maintenance Personnel
		[ ] THP or Local Law Enf	forcement Personnel
		[ ] Other:	
Things to c	heck on a bridge during flood	<u>ls:</u>	
[ ] - Span	movement - horizontally as v	vell as vertically	
	•	•	e rails and outer edge of bridge deck.
	Check for plumb of piers or be		3 3
	k for embankment erosion		
	k for drift build-up on piers o	r bents	
		and compare to previous inspe	ection
		n report versus current field c	
	<b>g</b>		
<u>If Closure is</u>	recommended:		
Coun temp	ity or City Maintenance Perso	nnel. Use Barricade Tape, traf prists to stay off of the bridge	eured and properly closed by District, ific cones and/or traffic flares as until such time as the bridge may
[ ] - Conta	act: (1) District Maintenance	Supervisor (if bridge is State	maintained )
	(2) City or County Highw	ay Maintenance Official ( if br	idge is not State maintained )
	(3) Tennessee Highway F	Patrol and/or local law enforce	ment Officers as appropriate
	(4) TDOT Regional Bridg		
[ ] - The E	` ,		daylight visual inspection is made
	TDOT bridge inspection team		•

## **PUBLICATION DATE**

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officials in	•	State District maintenance or local highway maintenance y bridge 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 PE	ERSONNEL:	TELEPHONE NUMBER:	
COUNTY MA	YOR'S OFFICE	(865) 215-2005	
HWY. CHIEF	ADMINISTRATOR'S OFFICE	(865) 215-5800	
COUNTY SHI	ERIFF'S OFFICE	(865) 215-2432	
<ul> <li>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.     </li> </ul>			
COMMENTS:			
Suggested List of	of Equipment to conduct the Ins	pection:	
Latest Bridge Ins	•		
	ort with the above Checklist		
Bridge Design Pl	•		
Tape measure w	ith weight		
Plumb bob			
Range Pole			
A 1000 Foot Roll	•	le Tape printed with the following message:	
	SAFETY HAZARD KI	EEP AWAY	

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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)