## HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 330D5100001

BRIDGE OWNER: CITY OF SODDY-DAISY
ROAD NAME: OLD DAYTON PIKE
CROSSING: LITTLE SODDY CREEK
LATITUDE:: N 35.28845 DEGREES
LONGITUDE: W 85.16365 DEGREES

COUNTY: HAMILTON
ROUTE: 0D510
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 1.21
YEAR BUILT: 1930

		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - SLAB	APPR. SPAN: <b>NOT APPLICABLE</b>	
ABUTMENTS:	MASONDY OF CONCRETE PLOCK	APUTMENTS ON UNIXABILITY FOUNDATION	
		ABUTMENTS ON UNKNOWN FOUNDATION	
BENTS: PIERS:	NOT APPLICABLE		
PIEKS.	NOT APPLICABLE		
		SCOUR EVALUATION	
		our cannot be determined. The bridge shall be monitored for distress e in lieu of installing scour countermeasures.	
		INSPECTION PROCEDURES -	
What Initiat	ted the Call-out Inspection?	[ ] BridgeWatch Alert	
The time and the can cal meposite.		[ ] TDOT District or Local Maintenance Personnel	
		THP or Local Law Enforcement Personnel	
		[ ] Other:	
Things to c	heck on a bridge during floods	<u>s:</u>	
[ ] - Span	n movement - horizontally as w	ell as vertically	
	•	n along curb line, both bridge rails and outer edge of bridge deck.	
	Check for plumb of piers or be		
	ck for embankment erosion		
• •	k for drift build-up on piers or	bents	
	• •	nd compare to previous inspection	
[ ] - Review the latest bridge inspection report versus current field conditions			
<u>If Closure is</u>	recommended:		
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 )	
		atrol and/or local law enforcement Officers as appropriate	
	(4) TDOT Regional Bridge	Engineer	
	] - The Bridge should remain closed until the water recedes and a daylight visual inspection is made by a TDOT bridge inspection team.		

## **PUBLICATION DATE**

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	State District maintenance or local highway maintenance 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 PERSONNEL:	TELEPHONE NUMBER:	
CITY MAYOR'S OFFICE	(423) 332-5323	
POLICE OFFICE	(423) 332-3577	
PUBLIC WORKS DIRECTOR	(423) 332-5323	
<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> <li>COMMENTS:</li>		
Suggested List of Equipment to conduct the Inspe	ection:	
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	Tano printed with the following message:	
SAFETY HAZARD KEI		
A Barricade Tape Dispenser with serrated cutter	EL ANAI	
adaad lapo biopolico: mitil collatea cattel		

A roll of Duct Tape

Traffic Cones - Minimum of four (4)

**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