HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 470D2890001
BRIDGE OWNER: KNOX COUNTY
ROAD NAME: STORMER RD
CROSSING: BEAVER CREEK

LATITUDE:: N 36.09487 DEGREES
LONGITUDE: W 83.88348 DEGREES

COUNTY: KNOX
ROUTE: 0D289
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.85
YEAR BUILT: 1963

LON	IGITUDE: W 83.88348 DEGREE	S	YEAR BUILT: 1963
		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - CHANNEL BEAM	APPR. SPAN:	NOT APPLICABLE
		TYPE OF SUBSTRUCTURE	
ABUTMENTS:	CONCRETE FULL HEIGHT ABUTM	ENT ON CONCRETE SPREAD FOOTI	NG 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 En	forcement Personnel
		[] Other:	
Things to c	heck on a bridge during flood	<u>ls:</u>	
	movement - horizontally as v	•	
	•		e rails and outer edge of bridge deck.
	Check for plumb of piers or be	ents.	
	k for embankment erosion		
	k for drift build-up on piers of		
		ind compare to previous inspe	
[] - Revie	ew the latest bridge inspection	n report versus current field c	onditions
lf Closure is	recommended:		
			and and manager to also added District
Coun temp	ity or City Maintenance Perso	nnel. Use Barricade Tape, traf orists to stay off of the bridge	cured 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
by a	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	
 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. 			
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)

07-Nov-24