HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



COUNTY: KNOX

ROUTE: 02410

BRIDGE ID NUMBER: 47024100001 BRIDGE OWNER: KNOX COUNTY ROAD NAME: MARTIN MILL PIKE SPECIAL CASE: 0 COUNTY SEQUENCE: 1 CROSSING: STOCK CREEK

LATITUDE:: N 35.87813 DEGREES LOG MILE: 3.14

LON	IGHODE: W 83.89570 DEGREES		YEAR BUILT: 1938
		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN:	NOT APPLICABLE
		TYPE OF SUBSTRUCTURE	
ABUTMENTS:	MASONRY OR CONCRETE BLOCK	ABUTMENTS ON MASONRY FOOTI	NG FOUNDATION
BENTS:	NOT APPLICABLE		
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION	
Bridge has I	unknown foundations. Pick of so		bridge shall be monitored for distress
	icant flood events. Monitor bridg		
		INSPECTION PROCEDURES	
What Initiat	ed the Call-out Inspection?	[] BridgeWatch Alert	
		[] TDOT District or Loca	al Maintenance Personnel
		[] THP or Local Law En	forcement Personnel
		[] Other:	
Things to c	<u>heck on a bridge during flood:</u>	<u>s:</u>	
[] - Span	movement - horizontally as w	ell as vertically	
1. 0	Check displacement / deflectio	n along curb line, both bridg	e rails and outer edge of bridge deck.
2. 0	Check for plumb of piers or be	nts.	
[] - Chec	k for embankment erosion		
[] - Chec	k for drift build-up on piers or	bents	
[] - Chec	k pier exposure, if possible, a	nd compare to previous inspe	ection
[] - Revie	ew the latest bridge inspection	report versus current field c	conditions
f Clasura is	recommended:		
Coun temp	ity or City Maintenance Persor	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	act: (1) District Maintenance S	Supervisor (if bridge is State	e 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 TDOT bridge inspection team.		daylight visual inspection is made

PUBLICATION DATE

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officials in		h State District maintenance or local highway maintenance ny 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	RSONNEL:	TELEPHONE NUMBER:	
COUNTY MAY	OR'S OFFICE	(865) 215-2005	
HWY. CHIEF	ADMINISTRATOR'S OFFICE	(865) 215-5800	
COUNTY SHE	ERIFF'S OFFICE	(865) 215-2432	
The report s] - 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 o	f Equipment to conduct the Ins	spection:	
Latest Bridge Ins	•		
•	rt with the above Checklist		
Bridge Design Pla	ans, if available		
Tape measure wi	th weight		
Plumb bob			
Range Pole			
A 1000 Foot Roll	of yellow Polyethylene Barrica	de Tape printed with the following message:	
	SAFETY HAZARD R	KEEP 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