HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 47023990001 COUNTY: KNOX
BRIDGE OWNER: KNOX COUNTY ROUTE: 02399
ROAD NAME: MIDWAY RD SPECIAL CASE: 0
CROSSING: TUCKAHOE CREEK COUNTY SEQUENCE: 1
LATITUDE:: N 35.97795 DEGREES LOG MILE: 1.21

LATITUDE:: N 35.97795 DEGREES LONGITUDE: W 83.68955 DEGREES

LON	IGITUDE: W 83.68955 DEGREES		YEAR BUILT: 1926
		TYPE OF SUPERSTRUCTURE =	
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN:	NOT APPLICABLE
		TYPE OF SUBSTRUCTURE =	
ABUTMENTS:	CONCRETE FULL HEIGHT ABUTME	NT ON UNKNOWN FOUNDATION	
BENTS:	NOT APPLICABLE		
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION =	
	inknown foundations. Risk of sco icant flood events. Monitor bridge		bridge shall be monitored for distress termeasures.
		INSPECTION PROCEDURES =	
What Initiat	ed the Call-out Inspection?	[] BridgeWatch Alert	
	•	[] TDOT District or Loca	al Maintenance Personnel
		[] THP or Local Law Ent	forcement Personnel
		[] Other:	
Things to c	<u>heck on a bridge during floods</u>	<u>s:</u>	
1. C 2. C	movement - horizontally as w Check displacement / deflectio Check for plumb of piers or bea k for embankment erosion	n along curb line, both bridge	e rails and outer edge of bridge deck.
[] - Chec	k for drift build-up on piers or	bents	
[] - Chec	k pier exposure, if possible, ar	nd compare to previous inspe	ection
[] - Revie	ew the latest bridge inspection	report versus current field c	onditions
f Closure is	recommended:		
Coun temp	ity or City Maintenance Persor	inel. Use Barricade Tape, trat ists 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	upervisor (if bridge is State	maintained)
	(2) City or County Highwa	y Maintenance Official (if br	idge is not State maintained)
	(3) Tennessee Highway Pa	atrol and/or local law enforce	ement Officers as appropriate
	(4) TDOT Regional Bridge	Engineer	
	Bridge should remain closed u TDOT bridge inspection team.	ntil the water recedes and a d	daylight visual inspection is made

PUBLICATION DATE

HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



 The bridge inspection team will work with State officials in establishing a detour route. Any brid prior to signing the detour route. 	District maintenance or local highway maintenance ge 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:		
COUNTY MAYOR'S OFFICE	(865) 215-2005		
HWY. CHIEF ADMINISTRATOR'S OFFICE	(865) 215-5800		
COUNTY SHERIFF'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 Equipment to conduct the Inspection Latest Bridge Inspection Report Securit BOA Report with the above Checklist	<u>n:</u>		
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 Tap	e printed with the following message:		
CAFETY HAZADD MEED A			

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)

07-Nov-24