HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 240A3500003

BRIDGE OWNER: FAYETTE COUNTY

ROAD NAME: WALKINS DR

CROSSING: WATKINS CREEK

LATITUDE:: N 35.11456 DEGREES
LONGITUDE: W 89.36867 DEGREES

COUNTY: FAYETTE
ROUTE: 0A350
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 3.25
YEAR BUILT: 1965

20.	10.1001 PIONE	, in the same of t
		TYPE OF SUPERSTRUCTURE
MAIN SPAN:	CONCRETE - CHANNEL BEAM	APPR. SPAN: NOT APPLICABLE
		TYPE OF SUBSTRUCTURE
ABUTMENTS:	TIMBER CAP ON TIMBER PILE FOU	UNDATION
BENTS:	TIMBER PILE BENT ON PILE FOUN	DATION
PIERS:	NOT APPLICABLE	
		SCOUR EVALUATION
Bridge is so	our critical: bridge foundations de	etermined to be unstable for calculated scour conditions. No scour
	isures are installed but they are r	
		INSPECTION PROCEDURES
What Initiat	ted the Call-out Inspection?	[] BridgeWatch Alert
What initiated the Gail-out inspection:		[] TDOT District or Local Maintenance Personnel
		[] THP or Local Law Enforcement Personnel
		[] Other:
		[] Other.
Things to c	check on a bridge during flood	s:
_		
	n movement - horizontally as w	on along curb line, both bridge rails and outer edge of bridge deck.
	Check displacement / deflection Check for plumb of piers or be	
	ck for embankment erosion	iiis.
	ck for drift build-up on piers or	honte
	• •	
		nd compare to previous inspection
[] - Revie	aw the latest bridge inspection	report versus current field conditions
If Closure is	s recommended:	
		cross road until bridge is secured and properly closed by District
 Stay at bridge with vehicle pulled across road until bridge is secured and properly closed by Distric County or City Maintenance Personnel. Use Barricade Tape, traffic cones and/or traffic flares as 		
	•	rists to stay off of the bridge until such time as the bridge may
be pı	roperly closed and barricaded.	
[] - Contact: (1) District Maintenance		Supervisor (if bridge is State maintained)
	(2) City or County Highwa	y Maintenance Official (if bridge is not State maintained)
	(3) Tennessee Highway P	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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 The bridge inspection team will work with State officials in establishing a detour route. Any brid prior to signing the detour route. 	e District maintenance or local highway maintenance dge 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	(901) 465-5202		
HWY. CHIEF ADMINISTRATOR'S OFFICE	(901) 465-5232		
COUNTY SHERIFF'S OFFICE	(901) 465-3456		
 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	on:		
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 Ta	oe printed with the following message:		
SAFETY HAZARD KEEP			

TDOT radio directory (State Personnel only)

Traffic Cones - Minimum of four (4)

A Barricade Tape Dispenser with serrated cutter

Traffic Safety Flares - Minimum of four (4) or set of electronic warning flashers

TDOT two-way radio (State Personnel only) and/or cellular telephone

A roll of Duct Tape