HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 790A1600001

BRIDGE OWNER: SHELBY COUNTY

ROAD NAME: PLEASANT RIDGE RD

CROSSING: BRANCH

LATITUDE:: N 35.31811 DEGREES LONGITUDE: W 89.71144 DEGREES

COUNTY: SHELBY
ROUTE: 0C004
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.96

LON	NGITUDE: W 89.71144 DEGREES	YEAR BUILT: 1964		
MAINI CDANI		TYPE OF SUPERSTRUCTURE APPR. SPAN: NOT APPLICABLE		
MAIN SPAN:	CONCRETE - CHANNEL BEAM	APPR. SPAN: NOT APPLICABLE		
		TYPE OF SUBSTRUCTURE -		
ABUTMENTS:	CONCRETE STUB ABUTMENT ON C	ONCRETE PILE FOUNDATION		
BENTS:	NOT APPLICABLE			
PIERS:	NOT APPLICABLE			
		SCOUR EVALUATION		
		termined to be unstable for calculated scour conditions. Rip-rap protection me minor repairs to the protection system are needed.		
		INSPECTION PROCEDURES ————————————————————————————————————		
What Initiat	ted the Call-out Inspection?	[] BridgeWatch Alert		
		TDOT District or Local Maintenance Personnel		
		THP or Local Law Enforcement Personnel		
		[] Other:		
Things to c	heck on a bridge during floods	<u>:</u>		
	movement - horizontally as we	•		
	•	a along curb line, both bridge rails and outer edge of bridge deck.		
	Check for plumb of piers or ber	its.		
	k for embankment erosion			
	k for drift build-up on piers or			
		d compare to previous inspection		
[] - Revie	w the latest bridge inspection	report versus current field conditions		
lf Closuro is	s recommended:			
Coun temp	nty or City Maintenance Person	cross road until bridge is secured and properly closed by District, nel. Use Barricade Tape, traffic cones and/or traffic flares as ists to stay off of the bridge 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 bridge is not State maintained)		
	(3) Tennessee Highway Pa	trol 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 District maintenance or local highway maintenance



	stablishing a detour route. Any b ng the detour route.	ridge 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 PERS	ONNEL:	TELEPHONE NUMBER:	
COUNTY MAYO	R'S OFFICE	(901) 545-4500	
HWY. CHIEF AD	MINISTRATOR'S OFFICE	(901) 379-4414	
PUBLIC WORKS	DIRECTOR	(901) 545-4266	
COUNTY SHERI	FF'S OFFICE	(901) 545-5500	
The report sh as appropriate scouring has	all include the date and time of t e, photographs of the bridge and	ection to BridgeWatch scour monitoring system. he inspection, a brief summary of findings and, d stream channel measurements. If significant se copied to Bridge Inspection Headquarters.	
Suggested List of E	Equipment to conduct the Inspec	etion:	
Latest Bridge Inspe	ection Report		
Scour POA Report	with the above Checklist		
Bridge Design Plan	s, if available		
Tape measure with	weight		
Plumb bob			
Range Pole			
A 1000 Foot Roll of	yellow Polyethylene Barricade T	ape printed with the following message:	
	SAFETY HAZARD KEEP	PAWAY	

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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)