HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



COUNTY: **DECATUR**

BRIDGE ID NUMBER: 200A0160001
BRIDGE OWNER: DECATUR COUNTY
ROAD NAME: DAVID BOX RD
CROSSING: ARMS CREEK

ROUTE: 0A016
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 0.71

	TITUDE:: N 35.66017 DEGREE:	
LON		· · · · · · · · · · · · · · · · · · ·
MAINI CDANI:		TYPE OF SUPERSTRUCTURE
MAIN SPAN:	WOOD OR TIMBER - STRINGER/MI GIRDER	JLTI-BEAM OR APPR. SPAN: NOT APPLICABLE
		TYPE OF SUBSTRUCTURE
ABUTMENTS:	TIMBER CAP ON TIMBER PILE FOU	JNDATION
BENTS:	NOT APPLICABLE	
PIERS:	NOT APPLICABLE	
		SCOUR EVALUATION
Bridge is sco	our critical: bridge foundations d	etermined to be unstable for calculated scour conditions. Rip-rap protection
		ome minor repairs to the protection system are needed.
		INSPECTION PROCEDURES
What Initiated the Call-out Inspection?		[] BridgeWatch Alert
		[] TDOT District or Local Maintenance Personnel
		[] THP or Local Law Enforcement Personnel
		[] Other:
Things to c	<u>heck on a bridge during flood</u>	<u>s:</u>
[] - Span	movement - horizontally as w	rell as vertically
1. C	Check displacement / deflection	on along curb line, both bridge rails and outer edge of bridge deck.
	Check for plumb of piers or be	nts.
	k for embankment erosion	
	k for drift build-up on piers or	
		nd compare to previous inspection
[] - Revie	w the latest bridge inspection	report versus current field conditions
If Closure is	recommended:	
[] - Stav a	at bridge with vehicle pulled a	cross road until bridge is secured and properly closed by District,
Coun	ty or City Maintenance Perso	nnel. Use Barricade Tape, traffic cones and/or traffic flares as
		rists to stay off of the bridge until such time as the bridge may
-	operly closed and barricaded	Supervisor (if bridge is State maintained)
[] - Conta	• •	ay Maintenance Official (if bridge is not State maintained)
		atrol and/or local law enforcement Officers as appropriate
	(4) TDOT Regional Bridge	
[] - The E	` '	Intil the water recedes and a daylight visual inspection is made
	TDOT bridge inspection team.	

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	te District maintenance or local highway maintenance 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 PERSONNEL:	TELEPHONE NUMBER:	
COUNTY MAYOR'S OFFICE	(731) 852-2131	
HWY. CHIEF ADMINISTRATOR'S OFFICE	(731) 852-2511	
COUNTY SHERIFF'S OFFICE	(731) 852-2183	
[] - 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 Inspect Latest Bridge Inspection Report	tion:	
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 To		
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)

17-Apr-19