HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 89S43990007

BRIDGE OWNER: WARREN COUNTY

ROAD NAME: FRANCIS FERRY RD

CROSSING: DRY BRANCH

LATITUDE:: N 35.74188 DEGREES
LONGITUDE: W 85.74372 DEGREES

COUNTY: WARREN
ROUTE: 01137
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 10.78
YEAR BUILT: 1961

201	101105E. 11 00.14012 5E011EE	
		TYPE OF SUPERSTRUCTURE
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE
		TYPE OF SUBSTRUCTURE
ABUTMENTS:	CONCRETE STUB ABUTMENT ON	STEEL PILE FOUNDATION
BENTS:	CONCRETE COLUMN TWO POST E	BENT ON STEEL PILE FOUNDATION
PIERS:	NOT APPLICABLE	
		SCOUR EVALUATION
Bridge is sco	our critical: bridge foundations de	etermined to be unstable for calculated scour conditions. No scour
	sures are installed but they are r	
		INSPECTION PROCEDURES
What Initiated the Call-out Inspection?		[] BridgeWatch Alert
What initiated the Gan-Out inspection:		[] TDOT District or Local Maintenance Personnel
		[] THP or Local Law Enforcement Personnel
		[] Other:
		[] Other.
Things to c	heck 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	
	ck for embankment erosion	into.
	k for drift build-up on piers or	hants
	• •	nd compare to previous inspection
		report versus current field conditions
[] - Vevie	sw the latest bridge inspection	report versus current neid conditions
If Closure is	s recommended:	
[] - Stav	at bridge with vehicle nulled a	cross road until bridge is secured and properly closed by District,
	•	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
•	roperly closed and barricaded.	
[] - Cont	• •	Supervisor(if bridge is State maintained)
	())	ay Maintenance Official (if bridge is not State maintained)
	` ,	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

HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



] - The bridge inspection team will work with State District maintenance or local highway maintenance officials in establishing a detour route. Any bridge on the selected detour route shall be checked prior to signing the detour route.			
	- 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	(931) 473-2505		
HWY. CHIEF ADMINISTRATOR'S OFFICE	(931) 473-2007		
COUNTY SHERIFF'S OFFICE	(931) 473-7863		
] - 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 Scour POA Report with the above Checklist	on:		
Bridge Design Plans, if available			
Tape measure with weight			
Plumb bob			
Range Pole			
A 1000 Foot Roll of yellow Polyethylene Barricade Ta	pe printed with the following message:		
CAEETY HAZARD VEED	A1A/ A V		

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