HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 38SR0010035

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: **HWY 70 E**CROSSING: **BRANCH**

LATITUDE:: N 35.59242 DEGREES LONGITUDE: W 89.20683 DEGREES

COUNTY: HAYWOOD
ROUTE: SR001
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 20.49
YEAR BUILT: 1925

		TYPE OF SUPERSTRUCTURE =		
MAIN SPAN:	CONCRETE - SLAB	APPR. SPAN:	NOT APPLICABLE	
		TYPE OF SUBSTRUCTURE -		
ABUTMENTS:	CONCRETE BOX TYPE ON CONCRET	TE SPREAD FOOTING FOUNDATIO	N	
BENTS:	NOT APPLICABLE			
PIERS:	PIER WALL FOR CONCRETE BOX OF	N CONCRETE SPREAD FOOTING F	OUNDATION	
		SCOUR EVALUATION =		
Bridge is sco	our critical: bridge foundations det		culated scour conditions. Rip-rap protection	
	stalled and is in good condition.	crimined to be unstable for ear	culated scoul conditions. The rap protection	
		INSPECTION PROCEDURES -		
What Initiat	ed the Call-out Inspection?	[] BridgeWatch Alert		
		[] TDOT District or Loca	al Maintenance Personnel	
		[] THP or Local Law Enf	forcement Personnel	
		[] Other:		
Things to c	heck on a bridge during floods:			
[] - Span movement - horizontally as well as vertically				
1. Check displacement / deflection along curb line, both bridge rails and outer edge of bridge deck.				
2. 0	Check for plumb of piers or ben	ts.		
[] - Check for embankment erosion				
[] - Check for drift build-up on piers or bents				
[] - Check pier exposure, if possible, and compare to previous inspection				
[] - Review the latest bridge inspection report versus current field conditions				
K Clasuma ia	**************************************			
	recommended:			
 Stay at bridge with vehicle pulled across road until bridge is secured County or City Maintenance Personnel. Use Barricade Tape, traffic c 				
		•	until such time as the bridge may	
	operly closed and barricaded.	sto to otay on or the shage t	and such time as the shage may	
[] - Contact: (1) District Maintenance Supervisor (if bridge is State maintained)				
	(2) City or County Highway	Maintenance Official (if br	idge is not State maintained)	
	(3) Tennessee Highway Pa	trol and/or local law enforce	ment Officers as appropriate	
	(4) TDOT Regional Bridge I	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:		
REGION BRIDGE ENGINEER	(731) 234-9561		
DISTRICT MAINTENANCE SUPERVISOR	(731) 694-6673		
TENNESSEE HIGHWAY PATROL	(901) 543-6256		
] - 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:		
CAFETY HAZADD KEED			

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