## HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 92S80110007
BRIDGE OWNER: WEAKLEY COUNTY
ROAD NAME: RALSTON RD

CROSSING: NORTH FORK OBION RIVER
LATITUDE:: N 36.40544 DEGREES
LONGITUDE: W 88.79028 DEGREES

COUNTY: WEAKLEY
ROUTE: 00815
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 6.10
YEAR BUILT: 1956

		TYPE OF SUPERSTRUCTURE =		
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN:	NOT APPLICABLE	
		TYPE OF SUBSTRUCTURE -		
ABUTMENTS:	CONCRETE STUB ABUTMENT ON C	ONCRETE PILE FOUNDATION		
BENTS:	STEEL PILE BENT ON TIMBER PILE	FOUNDATION		
PIERS:	CONCRETE HAMMERHEAD PIER ON	N MASONRY FOOTING FOUNDATIO	N	
		SCOUR EVALUATION -		
Bridge is sco	our critical; field review indicates	that extensive scour has occur	red at bridge foundations. Immediate action	
is required to	o provide scour countermeasures	s. No scour countermeasures a	are installed but they are needed.	
		INSPECTION PROCEDURES =		
What Initiat	ed the Call-out Inspection?	[ ] BridgeWatch Alert		
·			al Maintenance Personnel	
		[ ] THP or Local Law Enf	forcement Personnel	
		[ ] Other:		
Things to c	heck on a bridge during floods	<u>::</u>		
[ ] - Span	movement - horizontally as we	ell as vertically		
	•	· · · · · · · · · · · · · · · · · · ·	e rails and outer edge of bridge deck.	
	Check for plumb of piers or ber			
	k for embankment erosion			
[ ] - Chec	k for drift build-up on piers or	bents		
	k pier exposure, if possible, an		ection	
		•		
<u>If Closure is</u>	recommended:			
Cour temp	ay at bridge with vehicle pulled across road until bridge is secured and properly closed by District, bunty or City Maintenance Personnel. Use Barricade Tape, traffic cones and/or traffic flares as apporary measures to warn motorists to stay off of the bridge until such time as the bridge may properly closed and barricaded.			
[ ] - Conta	act: (1) District Maintenance S	upervisor ( if bridge is State	maintained )	
	(2) City or County Highwa	y Maintenance Official ( if br	ridge is not State maintained )	
	(3) Tennessee Highway Pa	atrol and/or local law enforce	ement Officers as appropriate	
	(4) TDOT Regional Bridge	Engineer	· ·	
	ridge should remain closed until the water recedes and a daylight visual inspection is made DOT 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 rour prior to signing the detour route.	te. Any bridge 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) 364-5413	
HWY. CHIEF ADMINISTRATOR'S OFFICE	(731) 364-2284	
COUNTY SHERIFF'S OFFICE	(731) 364-5454	
as appropriate, photographs of the b	time of the inspection, a brief summary of findings and, ridge and stream channel measurements. If significant all also be copied to Bridge Inspection Headquarters.	
Suggested List of Equipment to conduct the	ne Inspection:	
Latest Bridge Inspection Report		
Scour POA Report with the above Checklis	pt	
Bridge Design Plans, if available		
Tape measure with weight		
Plumb bob		
Range Pole		
	nricade Tape printed with the following message:	
SAFFTY HA7A	ARD KEEP AWAY	

**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