## HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 430A1710001

BRIDGE OWNER: HUMPHREYS COUNTY
ROAD NAME: SMITH BRANCH RD
CROSSING: WHITE OAK CREEK

LATITUDE:: N 36.18877 DEGREES
LONGITUDE: W 87.62948 DEGREES

COUNTY: HUMPHREYS

ROUTE: 0A171

SPECIAL CASE: 0

COUNTY SEQUENCE: 1

LOG MILE: 0.04

LON	IGITUDE: W 87.62948 DEGREES	3	YEAR BUILT: 1978
MAIN SPAN:	CONCRETE - CHANNEL BEAM	TYPE OF SUPERSTRUCTURE APPR. SPAN:	NOT APPLICABLE
		TYPE OF SUBSTRUCTURE =	
ABUTMENTS:	CONCRETE STUB ABUTMENT ON S		
BENTS:	STEEL PILE BENT ON PILE FOUND		
PIERS:	NOT APPLICABLE		
-		000110 51/41 11471011	
5		SCOUR EVALUATION =	
	inknown foundations. Risk of sco icant flood events. Monitor bridge		bridge shall be monitored for distress termeasures.
		INSPECTION PROCEDURES -	
What Initiated the Call-out Inspection?		[ ] BridgeWatch Alert	
		[ ] TDOT District or Loca	al Maintenance Personnel
		[ ] THP or Local Law En	forcement Personnel
		[ ] Other:	
Things to cl	<u>heck on a bridge during floods</u>	<u>s:</u>	
1. C	•	n along curb line, both bridge	e rails and outer edge of bridge deck.
	Check for plumb of piers or be	nts.	
	k for embankment erosion	hanta	
	k for drift build-up on piers or		antia n
	k pier exposure, if possible, ar		
[ ] - Revie	ew the latest bridge inspection	report versus current field c	onditions
If Closure is	recommended:		
[ ] - Stay a Coun temp	at bridge with vehicle pulled a ty or City Maintenance Persor	nnel. Use Barricade Tape, tra rists to stay off of the bridge	cured and properly closed by District, ffic cones and/or traffic flares as until such time as the bridge may
[ ] - Conta	act: (1) District Maintenance S	Supervisor ( 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	
	<ul> <li>The Bridge should remain closed until the water recedes and a daylight visual inspection is made by a TDOT bridge inspection team.</li> </ul>		

## **PUBLICATION DATE**

## HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



	ate District maintenance or local highway maintenance ridge on the selected detour route shall be checked		
	<ul> <li>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.</li> </ul>		
CONTACT PERSONNEL:	TELEPHONE NUMBER:		
COUNTY MAYOR'S OFFICE	(931) 296-7795		
HWY. CHIEF ADMINISTRATOR'S OFFICE	(931) 296-2121		
COUNTY SHERIFF'S OFFICE	(931) 296-2301		
] - 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 Inspec	etion:		
Latest Bridge Inspection Report			
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	Tape printed with the following message:		
SAFETY HAZARD KEE	P AWAY		

A Barricade Tape Dispenser with serrated cutter

A roll of Duct Tape

Traffic Cones - Minimum of four (4)

Traffic Safety Flares - Minimum of four (4) or set of electronic warning flashers

TDOT two-way radio (State Personnel only) and/or cellular telephone

**TDOT radio directory (State Personnel only)**