## HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



								_			
BRIDGE ID N					C	OUNTY:	OBION				
BRIDGE (						ROUTE:	01531				
ROAD					SPECIA	L CASE:	0				
CROSSING: REELFOOT CREEK								COUNTY SEQ	UENCE:	1	
LAT	TITUDE:: N	36.48397	DEGREES					LO	G MILE:	4.61	
LON	GITUDE: <b>N</b>	89.20686	DEGREES					YEAF	R BUILT:	1975	
				TYPE O	OF SUPERST						
MAIN SPAN:	CONCRET	E - TEE BEAN	1			APPR. SPAN:	· N	OT APPLICABLE			
	CONTONET		•								
				TYPE	OF SUBSTR						
ABUTMENTS:	CONCRET	E STUB ABUT	MENT ON C	ONCRET	E PILE FOU	NDATION					
BENTS:	CONCRETE PILE BENT ON PILE FOUNDATION										
PIERS:											
ILINO.	CONCRET	E COLOWING						FILE FOUNDAIN			
				SCO	OUR EVALU	ATION					
Bridge is sco	ur critical:	bridge foun	dations dat	ormino	d to be un	stable for ca	عامياه	ated scour conc	litions	Rip-rap protection	
has been inst				ennine			alcula		1110115.1	rup-rap protection	
		is in good c	onution.								
				INSPE	CTION PRO	CEDURES -					
What Initiate	nd the Cal	Lout Incho	ation?		Dridgo\//o	tob Alart					
What Initiate	eu the Ca	i-out inspe	CUON		BridgeWa						
				[].	TDOT Dis	trict or Loc	cal M	aintenance Pe	ersonne	el	
				[].	THP or Lo	cal Law En	nford	ement Person	nel		
				[]	Other:						
				- L - J - '							-

## Things to check 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. Check for plumb of piers or bents.
- [] 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

## If Closure is recommended:

- [] Stay at bridge with vehicle pulled across road until bridge is secured and properly closed by District, County or City Maintenance Personnel. Use Barricade Tape, traffic cones and/or traffic flares as temporary measures to warn motorists to stay off of the bridge until such time as the bridge may be properly closed and barricaded.
- [ ] Contact: (1) District Maintenance Supervisor (if bridge is State maintained)
  - (2) City or County Highway Maintenance Official (if bridge is not State maintained)
  - (3) Tennessee Highway Patrol 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.

	_
	с.
PUBLICATION DAT	

07-Nov-24

BRIDGE ID 66015310001



- [] 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	(731) 885-9611
HWY. CHIEF ADMINISTRATOR'S OFFICE	(731) 885-5960
COUNTY SHERIFF'S OFFICE	(731) 885-5832

[ ] - 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

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 KEEP 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)

PUBLICATION DATE