Critical Elevation:

BRIDGE SCOUR PLAN OF ACTION					
<u>SFN</u>	Bridge No.	Owner	Facility Carried Wa		Waterway
Plan of Action Completed By:				Date of Completion:	
1. SCOUR	VULNERABILITY RA	ATING			
Scour Evalu	nation Summary:				
Scour Histor	ry:	,			
a. F	oundation Type	oread footing	Pile Extension	n	g on Piles Unknown
b. F	oundation Material		☐ Known ☐ Unk	nown	
Scou	r Review: Done I	Ву:	Ι	Date:	-
	ctural Assessment: Don	ie By:		Date:	
Geot	echnical Assessment:	Done By:		Date:	

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3. SCOUR COUNTERMEASURE RECOMMENDATION	
Completed Countermeasures:	
Proposed Countermeasures:	
Countermeasures Not Required. (Please explain)	
Install Scour Countermeasures (See 4 and 5)	Estimated Cost
Riprap with monitoring program	\$
Guide bank	\$
Spurs	\$
Relief bridge / Culvert Channel improvements	\$
Channel improvements	\$
Monitoring	\$
Monitoring device	\$
Check Dam	\$
Substructure Modification	\$
Bridge replacementOther	\$
Ouici	Φ
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k .	
3. COUNTERMEASURE IMPLEMENTATION SCHEDULE	
Countermeasure Implementation Project Type:	
Proposed Construction Project	
Lead Agen	
☐ Maintenance P	roject
Sale Date:	
Other scheduling information:	
G	

4. MONITORING PLAN
Monitoring Plan Summary:
Monitoring Authority:
Regular Annual Inspection Program Items to Watch:
Increased Inspection Interval of mow/surveyed cross sections Items to Watch:
Underwater Inspection Program Frequency mo. Items to Watch:
Fixed Monitoring Device Type of Instrument: Installation location(s): Scour-critical discharge: Action required if scour-critical elevation detected:
☐ Other Monitoring Program Type: ☐ Visual ☐ Instrument ☐ Portable ☐ Geophysical ☐ Sonar ☐ Other gages
Flood monitoring required:
Flood monitoring event defined by: Discharge over Stage Elev. measured from Frequency of flood monitoring: 1 hr. 3 hr. 6 hrs. Other Scour critical elevation: Action required if scour-critical elevation detected:

5. BRIDGE CLOSURE PLAN	
Closure Plan Summary	
Scour Monitoring Criteria for Consideration of Bridge Closure:	
Water surface elevation reaches Overtopping road or structure	
Scour Measurement Results / Monitoring Device Loss of Riprap Observed amount of Settlement Loss of Road Embankment	
☐ Debris Accumulation ☐ Other	
Person / Area Responsible for Closure:	
Contact People (Name & Phone No.):	
Responsible for re-opening after inspection:	

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6. DETOUR ROUTE	C		
Detour route descript	tion (route number, from - t	o, etc.) – attach map.	
Detour length			
Signs required for clo	osure:		
Bridges on Detour Ro	oute:		
Structural File Number	Bridge Number	Waterway	Load Rating Other restrictions