MICHIGAN DEPARTMENT OF TRANSPORTATION

Facility	Latitude / Longitude	MDOT Structure ID	Structure Condition
Feature	Length / Width / Spans	Owner	
Location	Built / Recon. / Paint / Ovly.	TSC	Operational Status
Region / County	Material / Design	Last NBI Inspection	Scour Evaluation
PLAN OF ACTION AUTH	ORS		
Name	Agency Ph	one Email	Last Modified Date

SCOUR VULNERABILITY

Item 113 Scour Criticality Item 71 Waterway Adequacy Level I Assessment Level II Analysis Executive Summary Scour Evaluation Source of Item 113

Calculated Values

Scour Analysis Event Frequency	25 year	50 year	100 year	500 year	Comments
Anticipated Surface Elevation (ft)					
Distance Below Bottom chord (ft)					
Anticipated Flow (cubic ft/sec)					
Anticipated Pressure Flow (Y/N)					

Substructure Information

Foundation	Normally in Water	Normal Water Depth (ft)	In Water (100 yr)	Footing Type	Depth Known	Soil Type

COUNTERMEASURE RECOMMENDATIONS

O Only Monitoring Required

Estimated Cost \$

O Structural/Hydraulic Countermeasures Considered

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	SCOUR CRITICAL BR	IDGE ACTION PLAN	
Facility	Latitude / Longitude	MDOT Structure ID	Structure Condition
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Countermeasure Comments

MONITORING PROGRAM

Recommended Monitoring Requirements

Туре	Frequency/ Amount	Comments
O Regular Inspection		
O Other Special Inspection		
O Underwater Inspection		
O Stream Bed Cross Sections	6	
O Monitoring Devices (Fixed,	Sonar, etc.)	
O Flood Monitoring - Initiate n	nonitoring when	any of the following occur
O NOAA Flood Warning (This includes b	oth Flash Flood and Flood Warnings)
O Flow Information		
O Discharge		
O Rainfall		
O WS Elevation		Measured from
O Pressure Flow		
O Debris Accumulation		

Items to Watch During Monitoring

Foundation	Items to Watch
Inspection Summ	

Inspection Summary

Туре	Latest Date Completed	Current Frequency	Inspector	Agency
Routine				
Underwater				
Cross Section				
Scour Inspection				
High Flow Monitoring				

BRIDGE CLOSURE

Conditions To Consider Bridge Closure

O Water Surface Elevation

O Overtopping of Road or Structure

O Pressure Flow

O High Debris Accumulation

O Observed Structure Movement/Settlement

O Loss of Scour Countermeasures

MICHIGAN DEPARTMENT OF TRANSPORTATION

		SCO	JR CRITICAL BF	RIDGE ACTION PLAN	
Facility		Latitude /	Longitude	MDOT Structure ID	Structure Condition
Feature		Length / W	/idth / Spans	Owner	
Location		Built / Reco	n. / Paint / Ovly.	TSC	Operational Status
Region / County		Material / I	Design	Last NBI Inspection	Scour Evaluation
Contacts Responsible	for BRIDGE	CLOSURE			
Name	Title		Ag	lency	Phone Number Cell Number
Contacts Responsible	for OPENIN	IG Bridge			
Name	Title		Ag	Jency	Phone Number Cell Number
DETOUR ROUTE					
Possible Detour Route					
Detour Bridge Num	bers	Feature	Bridges/Culverts Intersected	on Detour Route Load Limitations	Scour Rating
			la constante a		A
	IS /pe	Freq	Inspector		Agency
		Freq	Inspector		Agency
		Freq	Inspector		Agency
		Freq	Inspector		Agency
SCOUR INSPECTION Date Ty		Freq	Inspector		Agency
		Freq	Inspector		Agency
		Freq	Inspector		Agency

HIGH FLOW EVENTS