

# 2016 Michigan Bridge Conference Workshop

## Request for Action



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March 22, 2016



## Why Incorporate RFAs in MiBRIDGE?

- Safety!
  - Issues That Must Be Addressed Prior To The Next Inspection
- Efficiency
  - Prioritizing Resources
  - Improve Document Organization
- Availability
  - Accessible From Nearly Anywhere
  - FHWA
- Compliance
  - **Critical Findings**
  - Load Rating
  - Monitoring



## Previous Methods for Tracking RFAs

- Multiple Excel Spreadsheets
  - Organized By Each Region
  - Organized By Request Type
  - Organized By Year
- Variable Information Based on Author
- Corrupted Hyperlinks

- ▷ Microsoft Excel 97-2003 Worksheet (40)
- ▷ Microsoft Excel Macro-Enabled Worksheet (52)
- ▷ Microsoft Excel Worksheet (11)

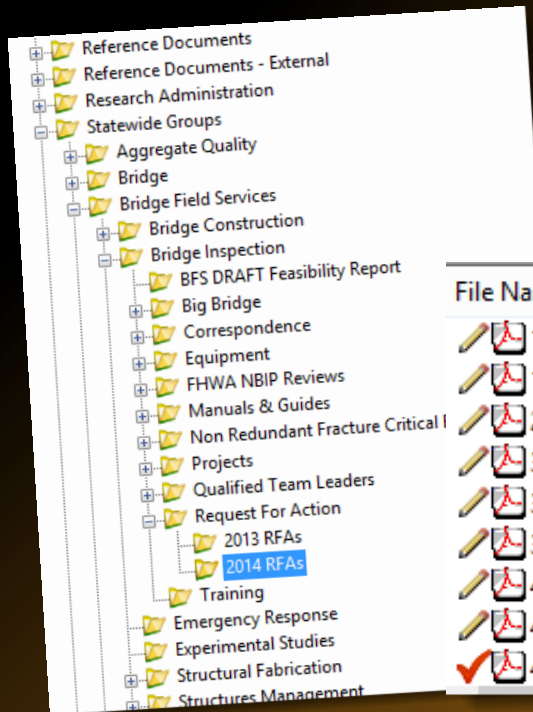
EXCEL DOES NOT NEED MORE THAN 256 COLUMNS  
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## Previous Methods for Tracking RFAs

- SOM Connection
- Export/Import Time
- Not Suitable for All Agencies



Advanced Document Creation Wizard

**Define Document Attributes**  
You should define environment specific document attributes.

Job No  Major CS  Route No  Location Description

Let With Jobs  Minor CS No

Region  Project Manager  Work Type

Design Unit  Document Type  App Let Date  Act Let Date  Item No

**Title Block Information**

Sheet Type  Sheet Description

File Name	Job No	File Size	Status
11867053014.pdf		5,346 KB	Checked In
19043-R01062314.pdf		739 KB	Checked In
23092-C01060414.pdf		953 KB	Checked In
3184-062614.pdf		955 KB	Checked In
33031-R01062614.pdf		1,337 KB	Checked In
38101-S06060614.pdf		3,324 KB	Checked In
4324-060914.pdf		955 KB	Checked In
4375-060914.pdf		955 KB	Checked In
46062-B03070714.pdf		672 KB	Checked Out



## RFA Committee

- Established by Matt Chynoweth and Dave Juntunen
- Region Bridge, Bridge Development, and Bridge Field Services Staff
- Responsible for Reviewing, Prioritizing, Initiating Action, Monitoring, and/or Ensuring Resolution





## RFA Committee

- Priority Level 1, Emergency - to be completed as soon as possible, either by the Statewide Bridge Repair Crew or emergency contract. Priority Level 1 often involves a critical finding requiring partial or full bridge closure and reporting to FHWA.
- Priority Level 2, Critical - to be completed within 90 days, either by Statewide Bridge Crew or contract.
- Priority Level 3, Primary – to be completed within 12 months
- Priority Level 4, Non-Critical - the Bridge RFA committee determines the distress is non-critical and repairs should be programmed through the normal Call for Projects process, or repairs made by routine maintenance.



## Priority Levels, White Paper

FHWA Compliance

Manuals

Guides

RFA Priority Levels

Coding and Manag


Scour Vulnerability

Michigan Structure

Appraisal of Bridges

MDOT NBI Rating G

Guidelines for Bridg

Frequencies 

MiBRIDGE Applicati  
Development

Inspection Questions

### MDOT Bridge RFA Coordination Committee 2/02/2016

# DRAFT

#### Purpose

The MDOT Bridge Request for Action (RFA) Coordination Committee is intended to be a sub-committee of the MDOT Statewide Bridge Alignment Team, and will manage and report on RFA matters to the MDOT Statewide Bridge Alignment Team as a standing agenda item each month.

The MDOT RFA Coordination Committee is responsible for reviewing, prioritizing, initiating action, monitoring, and ensuring resolution and/or following up all on bridge RFA's statewide for MDOT owned structures. The committee will also set goals and timeframes and identify resources for addressing RFA's based on the Priority Levels listed below, which may involve recommendations for partial or full bridge closure, emergency repairs, or contracting of work depending on current Bridge Repair Crew backlog and situational urgency.

Regions submit RFA's based on what is found during various inspections such as routine, damaged, special, fracture critical or detailed inspections. RFA's have varying degrees of urgency requiring ongoing prioritization and monitoring of implementation. The Region where the RFA originates from will determine the initial priority level. The goal of this committee is to manage the active RFA's, review the priority level set, and work towards addressing the RFA within the timeframes prescribed based on their priority level.

The MDOT RFA Coordination Committee will assess and prioritize on matters such as:



## Priority Level 1 Examples

Examples of Priority Level 1 items are as follows:

- Severe section loss, holes, or buckling in webs or flanges of curved steel girders
- Severe section loss, holes, or buckling in web or flanges of fracture critical bridges
- Severe section loss, holes, or buckling in webs or flanges on 50% or more of the beams, or H-bearings of redundant bridges
- Severe section loss, holes, or buckling in webs or flanges on multiple adjacent beams or H-bearings of redundant and non-redundant bridges
- Structural crack(s) in primary load carrying members of redundant and non-redundant bridges







## Priority Level 2 Examples

Examples of Priority Level 2 items are as follows:

- Severe section loss, or holes in webs and flanges of moderately skewed steel girders
- Severe section loss or buckling of single or non-adjacent beams of redundant bridges
- Structural cracks in welded connections that could propagate into primary members
- Severe section loss or cracks in H-bearing assemblies
- Required structural strengthening resulting from unsatisfactory load carrying capacity evaluation
- Fracture, crack, or concrete spalling under bearings at piers, no position dowels exposed
- Fracture, crack, or concrete spalling under bearings past position dowels on abutments with dependent backwalls





## Priority Level 3 Examples

- Cracks in Diaphragm Connections that are not active
- Evidence of scour holes, footing undermining, or significant damage to required scour countermeasures
- Fracture, crack, or concrete spalling under bearings at abutments, no position dowels exposed
- Required cross frame or diaphragm additions from unsatisfactory load carrying capacity evaluation (Structure exhibits no signs of distress, continue to monitor until repairs are made)
- Missing bolts or damage to cross frames and diaphragms
- Bearing stiffener section loss in excess of 50%
- Beam End with active corrosion and 10% section loss





## Typical Meeting Process

- Review RFAs Submitted Since Previous Meeting
- Updates On Critical Items/Emergency Contracts
- Work Completed During Previous Month

Item No.	Bridge ID	Str. No.	Region	Location	Request Date	Request By	Work Requested	Priority Level	Committee Review	Review Comments	Anticipated Date of Repair	Resolved
	S03-63022	7799	Metro	South Hill Road over I-96	3/29/2015	G. Perkowski	Examine the pictures to determine proper course of action. Should remaining concrete be removed? Is any other information needed other than depth of bearing loss? At abutment 15, the abutment concrete underneath the bearing area of beams 2W-8W & 10W-18W are delaminated due to distress placed by the beams position dowel. The delaminated area all migrate back to the position dowel. (Steve Katenhus 01/29/2015)	1	1/29/2015	Full height support to footing required. Bridge is not programmed. Excavation required. Monitor monthly until temporary supports are installed (1/29/2015).	March	
3	S42-25132	2690	Bay	I-475 over Left Turn Lane No. 3	1/1/2015	S. Katenhus		1	1/29/2015	SWC removed 1" from beam end and arrested crack. PFLs have been installed by region. Cross brace will be repaired by SWC at a later date (1/29/2014). <b>Emergency contract required.</b> Perform special inspection at 1 month frequency until repairs are complete (1/29/2015).		
5	33045-P04	3758	University	I-496 WB (US-127 NB) over CSX FRR & Trowbridge	10/24/2013	J. Devlinney	Beam bearing undermined due to abut spall @ W. Abut BM 1-S; E. Abut 5S, 6S. Three (3) temporary supports required.	1	1/29/2015	High Priority Level 1. Work to be completed by SWC within 3 weeks. Four (4) temporary supports to be installed by SWC, and six (6) additional through contract. Special meeting occurred 1/29/2014. Follow-up on temporary supports (1/29/2014).		
7	512-33084	3832	University	Williamston Road over I-96	11/5/2014	J. Devlinney	Pier cap and beam end deterioration with loss of bearing (LCB) at the following 8 locations. Temporary supports may be necessary. Pier 1s span 1s: beam 3w beam end spalls 25% LCB; beam 4w bolster block spall 47% LCB. Pier 4s span 4s: beam 5w 100% of bearing is on delaminated concrete. Pier 4s span 5s: beam 2w pier cap spall with 35% LCB. Pier 5s span 6s beam end spalls: beam 2w 23% LCB; beam 3w 45% LCB; beam 4w 30% LCB; beam 5w 33% LCB. (Janiene DeVlinney 10/9/2014)	1	1/29/2015	Medium Priority Level 1. Five (5) temporary supports required through contract. Special meeting occurred 11/29/2014. Follow-up on temporary supports (1/29/2014).	March 30	
8	511-33084	3831	University	Zimmer Road over I-96 WB	11/5/2014	J. Devlinney	Spall in bolster block pier 1s span 1s at beams 2-5w. Beam 2w anchor pin is exposed. Beam 5w approximately 50% loss of bearing, concrete covering anchor pin is delaminated, pressure air is holding concrete in place. Full height temporary supports are necessary. (Janiene DeVlinney 10/9/2014)	1	1/29/2015	Priority Level 1. Six (6) temporary supports required through contract. Special meeting occurred 11/29/2014. Follow-up on temporary supports (1/29/2014).	March 30	
9	S03-33085	3840	University	Elm Road over I-96	10/29/2014	J. Devlinney	Spall exposing bearing pin - pier 1s span 1s beam 4w. Loss of approximately 40% of bearing area. Temporary supports and pier cap repairs are necessary. It may be possible to support beam from the pier cap - 9" clearance from bolster block to diaphragms. Photos will be added asap. (Janiene DeVlinney 10/29/2014)	1	1/29/2015	High Priority Level 1. Work to be completed by SWC within 3 weeks. Two (2) temporary supports to be installed by SWC, and seven (7) additional through contract. Special meeting occurred 11/29/2014. Follow-up on temporary supports (1/29/2014).	March 30	
10	510-33084	3830	University	Zimmer Road over I-96 EB	11/3/2014	J. Devlinney	Pier 1s span 1s: beam 5w bolster block is spalled anchor pin is exposed; beam 3w bottom flange is spalled with 15% loss of bearing; beam 4w bottom flange is spalled with 24% loss of bearing. 7.5" vertical clearance between bolster block and diaphragms. Pier 2s span 3s beam 2w bolster block is spalled 15% loss of bearing. Pier 2s span 2s beam 3w bottom flange is spalled resulting in 12% loss of bearing. (Janiene DeVlinney 11/3/2014)	1	1/29/2015	Medium Priority Level 1. Eight (8) temporary supports required through contract. Special meeting occurred 11/29/2014. Follow-up on temporary supports (1/29/2014).	March 30	
11	S06-33084	3827	University	Hagadorn Road over I-96	11/3/2014	J. Devlinney	Pier 1s span 1s bolster block is spalled resulting in loss of bearing. Beam 2w anchor pin is exposed, beam 4w crack and delam resulting in 31% loss of bearing crack appears to reach anchor pin, beam 5w anchor pin is exposed. (Janiene DeVlinney 11/3/2014)	1	1/29/2015	Schedule special inspection at 3 month frequency. Repairs will be completed next year by region contract. Schedule special inspection at 3 month frequency (1/29/2014). Beam repairs will be made under contract, J1129088, and will be let in November 2015. The region will continue to monitor the bridge every three months until repairs are made.	March 30	
12	11015-S03	800	Southwest	Kruger Road over I-94			Load Rating Unit analysis.	1	1/29/2015	Schedule special inspection this month and perform at 6 month frequency. Special Structures Design to prepare contract.	November Letting	
13	09035-S07	633	Bay	Mackinaw Rd over I-75	5/23/2014		Severe section loss adjacent on adjacent beams of redundant structure.	1	1/29/2015	Medium Priority Level 1. Six (6) temporary supports required through contract. Discussed during special meeting on 11/29/2014. Monitor monthly (1/29/2014).	March 30	
14	33094-S09	3829	University	Meridian Road over I-96	11/3/2014	J. Devlinney	Pier 1s span 1s beam 3w - bolster block cracked, spalled through bearing area, 35% loss of bearing. Temporary support necessary. Pier 1s span 1s beam 4w - bolster block cracked, spalled through bearing area, 32% loss of bearing. Temporary support necessary.	1	1/29/2015	Multiple special inspections subsequent	March 30	

Draft

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## Typical Meeting Process

Item No.	Bridge ID	Str. No.	Region	Location	Request Date	Request By	Work Requested	Priority Level	Committee Review	Review Comments	Anticipated Date of Review
1	46062-B03	5519	University	US-223 over Raisin River	7/7/2014	L. Renner	Large delaminated and cracked area under north fascia beam at east abutment. West abutment separating from wingwall under south fascia beam. Beam end repairs due to section loss may be necessary.	1	2/19/2015	Multiple areas of section loss, substructure cracking, and delaminated underneath fascia beam. Load rating required prior to further action (10/6/2014). Schedule special inspection in April to examine substructure. Special structures to prepare contract during 2015. Load Rating Unit will continue analysis. Recommending 10 locations and 6 bearing stiffener locations. Need to verify amount of loss at midspan, but area is inaccessible. Review during next meeting (1/28/2015). Structure Technical Section to extract coupons soon, and testing will be performed in April. The Load Rating Unit will submit a repair memorandum now with possible additional repairs required contingent on test results. Perform special	
2	806-25132	2653	Bay	I-475 over Atherton Road	10/22/2014	A. Rychwalski	Spalls undermining beam ends at north abutment under beams 1,3,4,9,10,12,14,15,18 from west. Detailed inspection to determine if temporary supports are needed here. Also beams 7 and 8 on span 1 s end 2 (at south pier) should be evaluated for temporary supports. (Adam Rychwalski 11/14/2014) Performed an on-site inspection detailed inspection with Christopher Idusuyi on 1/7/2015 and inspected the problems/concerns listed above. For Beams 7 & 8W on Pier 1S, determined that Bay Region crew will monitor the beam ends by setting up an other inspection until scheduled construction in 2016 is completed. For concerns at Abutment 2S, it was determined temp supports will need to be installed.	1	2/19/2015	Programmed for 2016. Temporary support installation will begin next week at 10 locations. Installing full height supports on timbers. Need to check slope paving for void prior to installing timbers (1/28/2015).	February 25
3	842-25132	2690	Bay	I-475 over Left Turn Lane No. 3	1/7/2015	S. Katenhus	At abutment 1S, the abutment concrete underneath the bearing area of beams 2W-8W & 10W-18W are delaminated due to distress placed by the beams position dowel. The delaminated area all migrate back to the position dowel. (Steve Katenhus 01/26/2015)	1	1/28/2015	Full height support to footing required. Bridge is not programmed. Excavation required. Monitor monthly until temporary supports are installed (1/28/2015).	March
							North fascia beams in spans 1 and 7w have cracks in the webs at the lower cross bracing connections. Other cracks located at			Cracks must be arrested. Schedule detailed inspection to measure section loss and provide results to the Load Rating Unit. Detailed	

pictures 331  
RFA Report

CONTACT CONTRACT AGENCY FORCES  
 CONTACT REGION BRIDGE ENGINEER  
 OTHER-  
 SPECIAL COMMENTS:

PERSON CONTACT  
 PERSON CONTACT  
 PERSON CONTACT

- 81062-S12
  - 81074-S04
  - 81076 S05 4\_29\_14 Bemis Road Us-23 2.5 Miles South of US-12 High Load Hit
- 105 items State: Online



LARGE SPALL WITH DELAM IN EAST ABUTMENT AT BEARING 5S  
 11/24/2015 4:04 PM File folder



## October 2014 MiBRIDGE Release

- Developing Data Entry Screen
  - Form 1887
  - Mockup
  - Implementation

Michigan Department of Transportation 1887 (03/14)		<b>BRIDGE INSPECTION - REQUEST FOR ACTION</b> MDOT OWNED STRUCTURES				Page 1 of 1
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STRUCTURE NO.	STRUCTURE ID.	REGION	DATE	INSPECTOR	RFA #
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STR 586 001-09032

Information Summary and Current Status

	Facility M-13 & M-54	Latitude / Longitude 43.57967 / -83.900916	MDOT Structure ID 0910932000B010	Structure Condition Poor Conden(4)	
	Feature E CHAIRNEL SAGINAW RIVER	Length / Width 508 / 45.1	Owner MDOT Region - C and T	Operational Status B Posting Recommended(B)	
	Location IN BAY CITY (LAFAYETTE AV)	Built / Recon. / Paint / Ovly. / / /	TSC Bay City(4B)	Scour Evaluation 7 Countermeasures	
	Region / County Bay(4) / Bay(9)	Material / Design 3 Steel / 16 Movable-Bascule	Last NB Inspection 12/02/2013 / OJ04		

[Inventory & Appraisal](#) | 
 [Inspections / Reports](#) | 
 [Load Ratings](#) | 
 [Work Recommendations](#) | 
 [Work History](#) | 
 [Documents](#)

- Routine - BSIR
- Element
- Request for Action
  - [Add New](#)
  - [12/04/2014 \(Edit\)](#)
- Fracture Critical
- Fatigue Sensitive
- Underwater
- Other Special
- Damage
- Scour Action Plan

### REQUEST FOR ACTION 03804-12042014

Inspector Name	Agency / Company Name	RFA #	Insp. Date
Janiene DeVinney	MDOT University Region	03804-12042014	12/04/2014

**Problems/Comments**

Detailed inspection of pier caps, bolster blocks and beam ends is necessary. (Janiene DeVinney 12/04/2014)

**IMMEDIATE ACTION**

**INTERMEDIATE ACTION REQUESTED**

Request For	Contact/User	Reviewed	Review Date	Priority Level	Completed	Complete Date
Detailed Inspection	Christopher Idusuyi	Yes	12/04/2014	1	No	

**Comments**

A field inspection of the request was performed by Andrew Bouvy and Christopher Idusuyi. The Statewide Bridge Crew will install small height temporary supports under the deteriorated beam ends at a later date. The RFA Committee will also review the request on 12/16/14. (Christopher Idusuyi 12/12/2014)



## Documentation and Files

- Emails To Multiple Individuals
  - Costs of Storing Data
  - RFA Information Is Not Always Stored In The Bridge File
  - “Readily Available?”

	Number of 2014 Inspections	Capacity Required for Each Bridge (MB)	Server Capacity Required for JPEG Files (MB)	Server Capacity Required for JPEG Files (GB)	Server Capacity Required for PDF Files (MB)	Server Capacity Required for PDF Files (GB)
Bridge File	3042	61.84	188,117	<b>184</b>	3,894	<b>4</b>
Email Distribution	Assumes 5% of Structures Require Distribution to 7 Personnel		65,841	<b>64</b>	NA	NA
<b>Total</b>			253,958	<b>248</b>		<b>4</b>



## Request For Action Reports

- When Should An RFA Be Created?

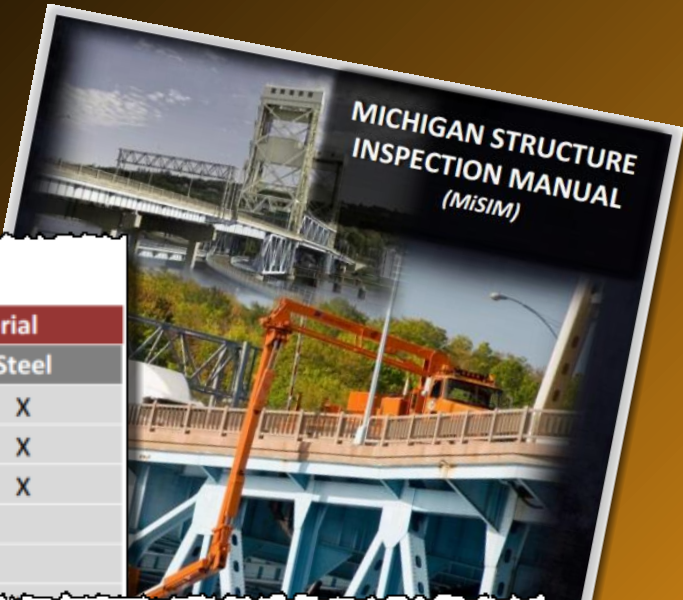


Table 5.13.13 RFA Examples for Superstructures

Request for Action	Beam/Girder Material	
	Concrete	Steel
In-depth Inspection Required	X	X
Element Quantities in Condition State 4	X	X
10% or Greater Section Loss or Buckling		X
25% or Greater Reduced Bearing Surface	X	
Exposed Prestressing Reinforcement	X	
Beam End Contact		
Moderate Section Loss on Tempo		
Structural Cracking in Primary Me		
Cracking in Welded Connections		
Required Strengthening or Reduc		
Resulting from Load Rating		
Observed Damage Meeting Type		
Instable Bridge Sign Connection		

Table 5.05.07 RFA Examples for Common Bridge Deck Wearing Surfaces

Request for Action	Concrete	Thin Overlay	Hot Mix Asphalt	Timber
In-Depth Inspection	X	X	X	X
Cracking Caused by Reduced Superstructure Capacity	X	X	X	X
Verification of Acceptable Skid Resistance	X	X		
Severe Deterioration resulting in unsafe ride			X	X

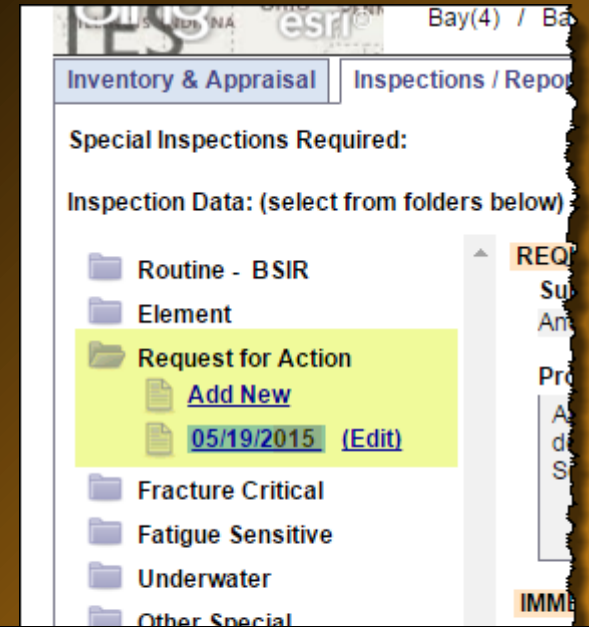
Table 5.10.05 Deck Bottom Surface Defects Initiating a Request for Action

Request for Action	Concrete	Steel	Timber
In-Depth Inspection	X	X	X
Delamination/Spalling Above Vehicular or Pedestrian Routes	X		
Structural Cracking	X	X	
Section Loss Compromising Strength		X	X



## October 2014 Release - RFA Report Folder

- Request for Action Report Folder
- Multiple Reports for Each Bridge
- Routine Inspection Must Be Assigned



### REQUEST FOR ACTION

00646-05192015

Submitted By	Agency / Company Name	RFA #	RFA Date
Andrew Bouvy	Bridge Field Services	00646-05192015	05/19/2015

### Problems/Comments

Approximately 1/2" wide crack visible at the top of the east abutment stub extending under Beam 2N bearing. Exposed abutment wall beneath bearing is delaminated. Pressure relief joint at east approach is closed and will no longer permit expansion/growth of adjacent concrete pavement. Dependent backwall. See attached photos. (Andrew Bouvy 05/19/2015)

### IMMEDIATE ACTION



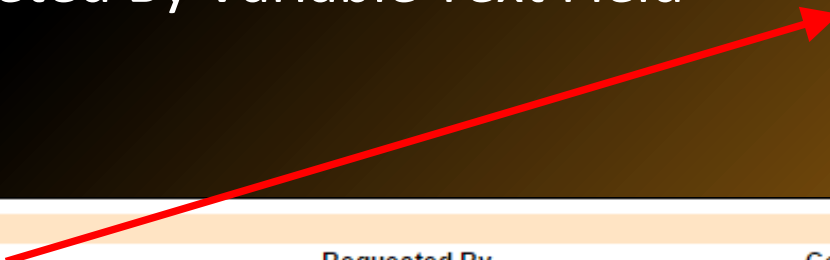


## October 2014 Release - Immediate Action Section

- Immediate Action Section for Documenting Critical Findings
- Requested By Requires User Name
- Completed By Variable Text Field

**Recommended Action**

- Close Bridge
- Close Lane
- Close Shoulder
- Load Reduction > 20%



**IMMEDIATE ACTION**

Recommended Action	Requested By	Completed By	Completed Date
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Comments

**The Immediate Action section is used to document "Critical Findings"**

Date Traffic Restored / Signs Installed Traffic Restoration / Sign Installation Comments

<input type="text"/>	<input type="text"/>
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## October 2014 Release - Immediate Action Section

- Immediate Action Section Comments Field To Provide Additional Details
- Completed Date to note when the Critical finding occurred
- Date Traffic Restored/Signs Installed to Document Opening

**IMMEDIATE ACTION**

Recommended Action	Requested By	Completed By	Completed Date
<input style="width: 95%;" type="text"/>	<input style="width: 95%;" type="text"/>	<input style="width: 95%;" type="text"/>	<input style="width: 95%;" type="text"/>

**Comments**

**Date Traffic Restored / Signs Installed Traffic Restoration / Sign Installation Comments**

<input style="width: 95%;" type="text"/>	<div style="border: 1px solid gray; height: 60px; width: 100%;"></div>
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## Intermediate Action Section

- Intermediate Action Section Allows Multiple Requests To Be Added for Several Types
- Text Suggestions for Contact/User
- Reviewed Date, Priority Level, and Completed Date

Detailed Inspection  
 Damage Inspection  
 Scour Evaluation  
 Sch. Spec. Inspection  
 False Deck R and R  
 Load Rating  
 Load Reduction < 20%  
 Temporary Supports  
 PRJ Installation  
 Steel Repairs  
 Concrete Repairs  
 Beam End Repairs  
 Joint Repairs  
 Scour Repairs  
 Scale Concrete  
 Other Actions  
 Program Project

INTERMEDIATE ACTION REQUESTED <a href="#">(Add)</a>					
Request For	Contact/User	Agency/Company Name	Review Date	Priority	Complete Date
<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>
No. of Locations	Engineering Costs (\$)	Temp. Repair Costs (\$)	Perm. Repair Costs (\$)	Estimate Date	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Comments					
<input style="height: 100px;" type="text"/>					
<input type="button" value="remove"/>					



## Intermediate Action Section

- Comments area for Describing Work, Schedule, Etc.
- Cost and Location Information can be entered as well.
- Living Document

**INTERMEDIATE ACTION REQUESTED** [\(Add\)](#)

Request For	Contact/User	Agency/Company Name	Review Date	Priority	Complete Date
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
No. of Locations	Engineering Costs (\$)	Temp. Repair Costs (\$)	Perm. Repair Costs (\$)	Estimate Date	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Comments					
//					
<input type="button" value="remove"/>					



## Final Action Section

- Final Action Completed Provides Confirmation That Immediate or Intermediate Needs Have Been Met
- RFA Complete Check Box Closes RFA and Archives Information
- Restricted to Bridge Owners

**FINAL ACTION COMPLETED**

Comment

RFA Complete

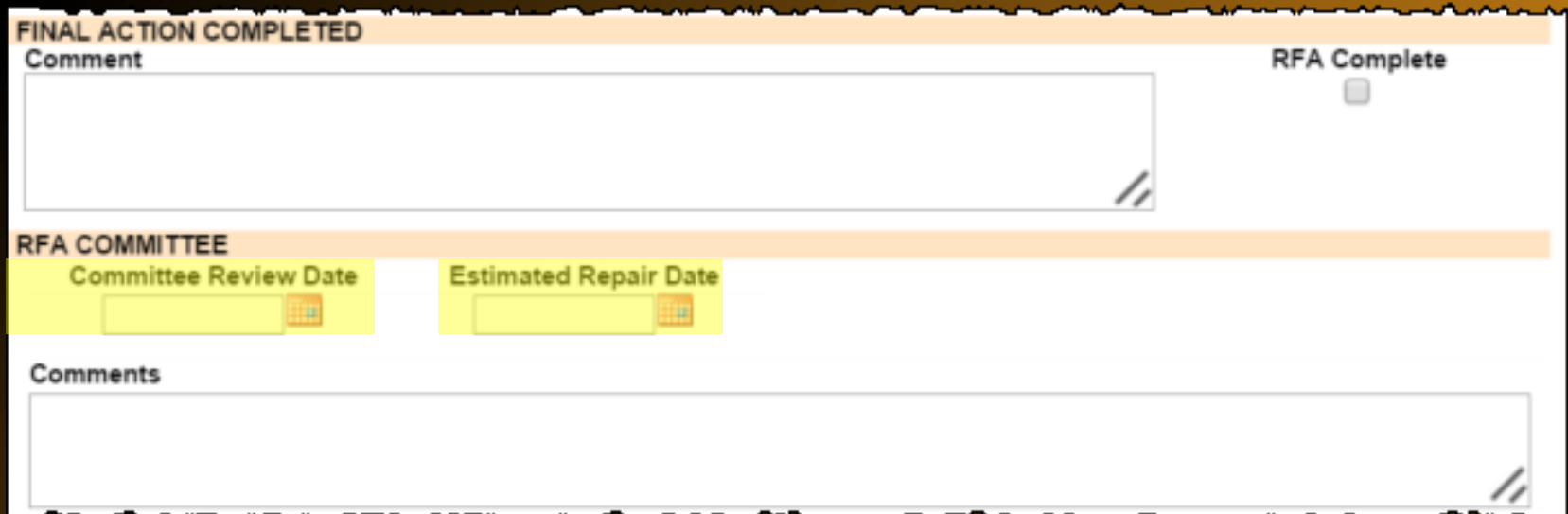
**SUPPORTING IMAGES**

Upload images



## RFA Committee Section

- Committee Review Date
- Estimated Repair Date
- Comments Field For Information and Additional Reviews

A screenshot of a web form titled "RFA Committee Section". The form is divided into several sections. At the top, there is a header "FINAL ACTION COMPLETED" in an orange bar. Below this is a "Comment" field, which is a large text area with a double-slash icon in the bottom right corner. To the right of the comment field is a checkbox labeled "RFA Complete". Below the comment field is another orange bar labeled "RFA COMMITTEE". Underneath this bar are two date selection fields: "Committee Review Date" and "Estimated Repair Date". Each date field has a yellow background and a calendar icon. At the bottom of the form is a "Comments" field, which is another large text area with a double-slash icon in the bottom right corner.



## Supporting Documents

- PDF Documents Supported
- Descriptions May Be Edited Until RFA Is Complete
- Files May Be Accessed After RFA Is Closed
- Viewed On Separate Browser Tab

**SUPPORTING DOCUMENTS**

Upload documents Choose File

[04-27355.pdf](#) remove

National Bridge Inspection Standards

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[BA 2013-01 Inspec. Freq. 418138 7.pdf](#) remove

Inspection Frequency Guidelines

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[PY 15 Quarterly Report Summary Complete.pdf](#) remove

PY15 Quarterly Report



## Supporting Images

- Photo Descriptions May Be Edited Until the RFA Is Completed
- Displayed In Two Columns
- Future Improvements Will Be Made For All Reports







## Supporting Images

- Limit Photo File Size Without Eliminating Necessary Details
- All Photos and Documents are Stored in the Projectwise Database.





## PDF Output of the Report

MICHIGAN DEPARTMENT OF TRANSPORTATION		
REQUEST FOR ACTION		
<b>STR 10885</b>	<b>Latitude / Longitude</b>	<b>MDOT Structure ID</b>
Facility 8 MI RD	42.4288 / -83.7672	81181075000S100
Feature US-23	<b>Length / Width</b>	<b>Owner</b>
Location AT LIVINGSTON CO LINE	184 / 34.9	Region: University(6)
Region / County University(6) / Washtenaw(81)	<b>Built / Recon. / Paint / Ovlv.</b>	TSC
	1962 / 2006 / 2006 / 2006	Brighton(6B)
	<b>Material / Design</b>	<b>Last NBI Inspection</b>
	3 Steel / 02 Stringer/Girder	09/21/2015 / IPIC

REQUEST FOR ACTION		
<b>Submitted By</b>	<b>Agency / Company Name</b>	<b>10885</b>
Lindsey Renner	MDOT University Region	
<b>Problems/Comments</b>		
NB truck carrying man-lift impacted Span 3w. Point of impact was roughly 23' from east face of diaphragms in bays north of beams along western diaphragm in Span 3w. Diaphragms in bays avoid further impacts to traffic. (Lindsey Renner 03/10/2016)		
<b>IMMEDIATE ACTION</b>		
<b>Recommended Action</b>	<b>Requested By</b>	<b>Completed</b>
Close Bridge	Marilyn Hansen	Doug Lynn
<b>Comments</b>		
US-23 NB and both directions of 8 Mile Rd bridge were closed beginning at approximately 03/10/2016 08:00. MDOT is currently soliciting bids from Toebe, Z-Contractors, and C.A. Hull to remove superstructure of Span 3w. The low-bid of \$90,000 and will provide complete removal of superstructure between Piers 2w and 3w. The structure will be removed in sections over roadway. MDOT to retain 60' of structure to absorb shock of removed sections of bridge over roadway. Providing NB nighttime lane closure and Washtenaw County providing a nighttime lane closure. 8 Mile road will be closed indefinitely. Structure is programmed for replacement removal. 8 Mile road will be closed indefinitely. Structure is programmed for replacement removal. (Lindsey Renner 03/10/2016)		
<b>Date Traffic Restored / Signs Installed</b>	<b>Traffic Restoration / Sign Installation Comments</b>	
<b>INTERMEDIATE ACTION</b>		
<b>Request For</b>	<b>Contact/User</b>	<b>Agency/Company Name</b>
Detailed Inspection	Christopher Idusuyi	MDOT Bridge Field Services
<b>No. of Locations</b>	<b>Engineering Costs (\$)</b>	<b>Temp. Repair Costs (\$)</b>
<b>Comments</b>		
Christopher, will you please add your field notes from your measurements at the structure? (Lindsey Renner 03/10/2016)		
<b>FINAL ACTION COMPLETED</b>		
<b>Comment</b>		

MICHIGAN DEPARTMENT OF TRANSPORTATION			
REQUEST FOR ACTION			
<b>STR 10885</b>	<b>Latitude / Longitude</b>	<b>MDOT Structure ID</b>	<b>S10-81075</b>
Facility 8 MI RD	42.4288 / -83.7672	81181075000S100	<b>Structure Condition</b>
Feature US-23	<b>Length / Width</b>	<b>Owner</b>	Serious Condition(3)
Location AT LIVINGSTON CO LINE	184 / 34.9	Region: University(6)	 
Region / County University(6) / Washtenaw(81)	<b>Built / Recon. / Paint / Ovlv.</b>	TSC	
	1962 / 2006 / 2006 / 2006	Brighton(6B)	<b>Operational Status</b>
	<b>Material / Design</b>	<b>Last NBI Inspection</b>	K Closed to all traffic(K)
	3 Steel / 02 Stringer/Girder	09/21/2015 / IPIC	<b>Scour Evaluation</b>
			N Not Over Waterway



2016-03-11\_13-01-58.jpg  
Span 3W Removed



IMG\_9216.JPG  
Beams 1-4s are shown, looking roughly west along Span 3w. Note condition of diaphragm attachments to angles.





## My Assignments

- Requests for Action Added
- When Immediate Action Not Assigned Database Query Required
- No Method to Prioritize

Inspection Type	Total	Scour Actions	Total	Load Ratings	Total	Requests for Action	Total
All Inspections	3	Scour Action Plans	0	Load Ratings	0	Requests for Action	7
Routine	3						
Fracture Critical	0						
Fatigue Sensitive	0						
Underwater	0						
Other Special	0						

**Requests For Action**

Open

elect	Struct. Nbr.	Bridge ID	Facility Carried	Features Intersected	Owner	Routine	Fracture Critical	Fatigue Sensitive	Underwater	Other Special	Earliest Assigned Insp. ▲
<input type="checkbox"/>	3805	33133083000S024	I-96 WB	WASHINGTON AVE	University						
<input type="checkbox"/>	3758	33133045000R040	I-496 WB	CSX RR & TROWBR	University						
<input type="checkbox"/>	3804	33133083000S023	I-96 EB	WASHINGTON AVE	University						
<input type="checkbox"/>	4393	38138061000R013	M-60 EB	CONRAIL & I-94 BL	University						
<input type="checkbox"/>	10908	81181103000R020	US-23 NB, M-14	MDOT RR	University						
<input type="checkbox"/>	5519	46146062000B030	US-223	RAISIN RIVER	University						
<input type="checkbox"/>	10907	81181103000R010	US-23 SB, M-14	MDOT RR	University						



## RFA Dashboard

- Consists of 5 Separate Sections
- Incorporates Data Tables For Quick Sorting and Queries
- Export to Excel Feature Includes Additional Columns For Managing RFAs

Jurisdiction: MDOT Statewide Change

NBI Filter: All NHS Filter: All

Request For Action (RFA) Summary	Count	Current Priority Level	RFA Complete	RFA Incomplete	Reviewed by Committee	Not Reviewed by Committee
Total No. of Incomplete RFAs	47	Level 1	4	19	4	19
Total No. of Complete RFAs	10	Level 2	3	2	2	3
RFAs Submitted by Me	16	Level 3	1	3	1	3
Incomplete RFAs Assigned to Me	7	Level 4	1	3	0	4
Complete RFAs Assigned to Me	2					
Critical Findings	16					

Intermediate Action Type	Complete	Incomplete	Reviewed	Not Reviewed	Critical Finding Type	Complete	Incomplete
Detailed Inspection	6	9	10	5	Close Bridge	6	1
Damage Inspection	3	5	5	3	Close Lane	2	3
Scour Evaluation	0	2	0	2	Close Shoulder	0	3
Schedule Special Inspection	0	2	1	1	Post Structure ≥ 20%	0	1
False Decking R&R	0	2	0	2			
Load Rating	8	7	13	2			
Post Structure < 20%	0	0	0	0			
Temporary Supports	3	2	3	2			
Steel Repairs	1	1	1	1			
Concrete Repairs	1	1	1	1			
Beam End Repairs	2	1	3	0			
Scour Repairs	0	1	0	1			
Other Actions	5	20	11	20			
Program Project	3	0	0	3			

**Request For Action Summary**

Open ▾

Select	Struct. Nbr.	Bridge ID	Facility Carried	Features Intersected	RFA#	Create Date	Submitted By	Committee Review		
								Date	Priority	Scheduled Repair Date
<input type="checkbox"/>	32	02102011000B010	JS-41	W BR WHITEFISH	00032-03012015	03/01/2015	TEST MDOT Bridg	03/05/2015	2	
<input type="checkbox"/>	389	06106072000B020	JS-23	SAVERINE CREEK	00389-03022015	03/02/2015	TEST MDOT Bridg	03/08/2015	1	
<input type="checkbox"/>	480	07107011000B020	JS-141	TRACY CREEK	00480-03012015	03/01/2015	TEST MDOT Bridg	03/12/2015	3	
<input type="checkbox"/>	528	08108012000B010	M-43	THORNAPPLE RIV	00528-03202015	03/20/2015	Christopher 00 Idus		4	
<input type="checkbox"/>	586	09109032000B010	M-13 & M-84	E CHANNEL SAGIN	00586-01072015	01/07/2015	Andrew Bouvy		1	
<input type="checkbox"/>	586	09109032000B010	M-13 & M-84	E CHANNEL SAGIN	00586-01152015	01/15/2015	Andrew Bouvy		2	
<input type="checkbox"/>	586	09109032000B010	M-13 & M-84	E CHANNEL SAGIN	00586-02012015	02/01/2015	Andrew Bouvy	02/02/2015	1	
<input type="checkbox"/>	631	09109035000S050	-75 SB	WHEELER ROAD	00631-10212014	10/21/2014	Andrew Bouvy		3	
<input type="checkbox"/>	646	09109042000B010	M-25	SAGINAW RI & ME	00646-03022015	03/02/2015	Andrew Bouvy	03/02/2015	1	
<input type="checkbox"/>	646	09109042000B010	M-25	SAGINAW RI & ME	00646-12012014	12/01/2014	Andrew Bouvy		1	
<input type="checkbox"/>	778	11111013000B050	-94 BL	ST JOSEPH RIVER	00778-01102015	01/10/2015	Andrew Bouvy		3	
<input type="checkbox"/>	880	11111053000B010	M-63	ST JOSEPH RIVER	00880-01102015	01/10/2015	Andrew Bouvy			
<input type="checkbox"/>	1469	15115011000C010	JS-31	NWOOD CREEK	01469-03012015	03/01/2015	TEST MDOT Bridg		1	
<input type="checkbox"/>	1469	15115011000C010	JS-31	NWOOD CREEK	01469-03242015	03/24/2015	Andrew Bouvy			
<input type="checkbox"/>	1471	15115012000B010	JS-31	SLAND LAKE OUT	01471-01012015	01/01/2015	Andrew Bouvy			

Search Str |  Search Bridge ID |  Search Facility C |  Search Features Int |  Search RFA# |  Search Create |  Search Submitted By |  Search Commi |  Search Intern |  Search Immed Se



## RFA Dashboard – Request For Action Summary

- Incomplete and Complete RFAs
  - Periodic Review of Incomplete RFAs Necessary
- RFAs Submitted By Me Allows Copy and Paste of Similar Records
- Incomplete RFAs Assigned to Me

<b>Jurisdiction</b>	All Agencies ▼	<b>Display</b>
<b>NBI Filter</b>	All ▼	<b>NHS Filter</b>
		All ▼
<b>Request For Action (RFA) Summary</b>		<b>Count</b>
Total No. of Incomplete RFAs		296
Total No. of Complete RFAs		170
RFAs Submitted by Me		3
Incomplete RFAs Assigned to Me		1
Complete RFAs Assigned to Me		0
Critical Findings		83



## RFA Dashboard – Priority Level Summary

- Priority Level Aids In Determining Schedule
- Complete/In Progress for Performance Reporting
- Reports Reviewed By RFA Committee

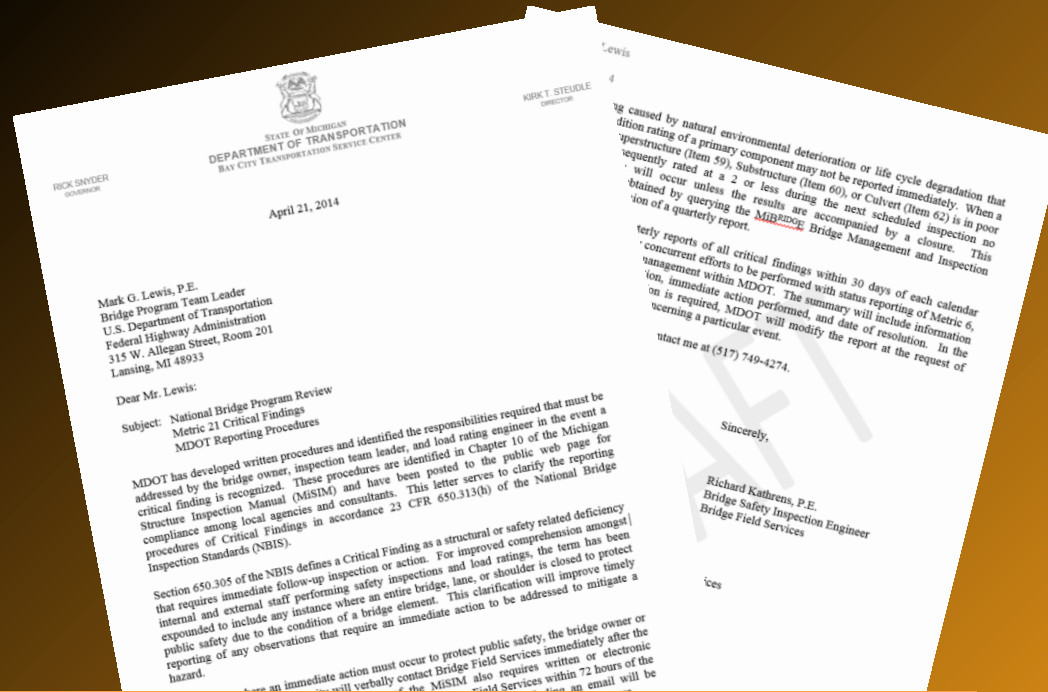
*Dependent Upon Users With Intermediate Actions on RFA Committee Entering A Priority Level*

Current Priority Level	In Progress	Complete	Reviewed by Committee	Not Reviewed by Committee
Level 1	21	46	47	20
Level 2	74	37	74	37
Level 3	75	15	74	16
Level 4	16	17	19	14



## RFA Dashboard – Critical Finding Type Summary

- Used for Metric #21 and Reporting
- Notification Necessary
- Ensure Documentation Is Entered In MiBRIDGE
- Review Incomplete Reports



Critical Finding Type	Complete	Incomplete
Close Bridge	17	1
Close Lane	18	1
Close Shoulder	11	4
Load Reduction $\geq$ 20%	17	14



## RFA Dashboard – Intermediate Action Type Summary

- Breakdown For Each Work Type (Intermediate Action)

Intermediate Action Type	Complete	In Progress	Reviewed	Not Reviewed
Detailed Inspection	37	25	42	19
Damage Inspection	8	7	11	4
Scour Evaluation	5	0	5	0
Schedule Special Inspection	21	10	22	9
False Decking R&R	1	0	1	0
Load Rating	95	9	102	2
Load Reduction < 20%	0	0	0	0
Temporary Supports	39	32	63	9
PRJ Installation	8	4	10	2
Steel Repairs	16	41	33	23
Concrete Repairs	11	30	24	18
Beam End Repairs	2	6	4	4
Scour Repairs	0	6	0	6
Scale Concrete	10	15	8	16
Other Actions	60	74	43	92
Program Project	5	14	6	13





## RFA Dashboard – Table

- Multiple Column Display For Improved Tracking

**Request For Action Summary**

Open ▼

Select	Struct. Nbr.	Bridge ID	Facility Carried	Features Intersect	RFA#	Create Date	Submitted By	Committee Review		
								Date	Priority	Scheduled Repair Date
<input type="checkbox"/>	8	01101052000C010	US-23	MILL CREEK	00008-03212015	03/21/2015	Rich Kathrens			
<input type="checkbox"/>	104	03103032000X010	CSX RR	US-31	00104-04242015	04/24/2015	James Covey	04/27/2015	1	
<input type="checkbox"/>	104	03103032000X010	CSX RR	US-31	00104-04242015	04/24/2015	James Covey	04/27/2015	1	
<input type="checkbox"/>	127	03103035000S010	I-196 WB	US-31 NB	00127-04012015	04/01/2015	Mike Halloran	04/27/2015	2	
<input type="checkbox"/>	587	09109032000B020	M-13 & M-84	W CHANNEL SAGI	00587-03282013	03/28/2013	Andrew Bouvy		3	
<input type="checkbox"/>	631	09109035000S050	I-75 SB	WHEELER ROAD	00631-10212014	10/21/2014	Andrew Bouvy		3	
<input type="checkbox"/>	632	09109035000S060	CHIP RD	I-75	00632-01262015	01/26/2015	Steve Katenhus	02/19/2015	4	11/30/2016
<input type="checkbox"/>	632	09109035000S060	CHIP RD	I-75	00632-01262015	01/26/2015	Steve Katenhus	02/19/2015	4	11/30/2016
<input type="checkbox"/>	633	09109035000S070	MACKINAW RD	I-75	00633-05082014	05/08/2014	Andrew Bouvy	01/28/2015	1	11/30/2016

Search Str | Search Bridge ID | Search Facility Carried | Search Features Int | Search RFA# | Search Create | Search Submitted By | Search Commit | Search Interme | Search Immedia



## RFA Dashboard – Table

- Multiple Column Display For Improved Tracking

Intermediate Action					Immediate Action		
Description	Assigned to	Priority	Review Date	Complete Date	Recommended Action	Completed Date	Item 41
							A
Damage Inspection	Christopher Idusu	1	04/27/2015	05/27/2015			A
Steel Repairs	Christopher Idusu	2	05/27/2015				A
Detailed Inspection	Christopher Idusu	2	04/01/2015				A
Detailed Inspection	Christopher Idusu	3	03/24/2015	03/24/2015			A
Detailed Inspection	Christopher Idusu	3	04/10/2015	04/10/2015			A
Load Rating	Creightyn McMun	4	01/28/2015	01/28/2015			A
Steel Repairs	Jose Garcia						A
Steel Repairs	Jose Garcia	1	05/27/2015				A
Search Costs	Search Complete	Search Region	Search Bridge Ow	Search Date	Search Priority	Search Scheduled	Search Description



## RFA Dashboard – Table

Jurisdiction **LA Statewide** Display  
 NBI Filter **All** NHS Filter **All**

Request For Action (RFA) Summary	Count
Total No. of Incomplete RFAs	32
Total No. of Complete RFAs	55
RFAs Submitted by Me	1
Incomplete RFAs Assigned to Me	0
Complete RFAs Assigned to Me	0
<b>Critical Findings</b>	<b>46</b>



**Critical Findings**

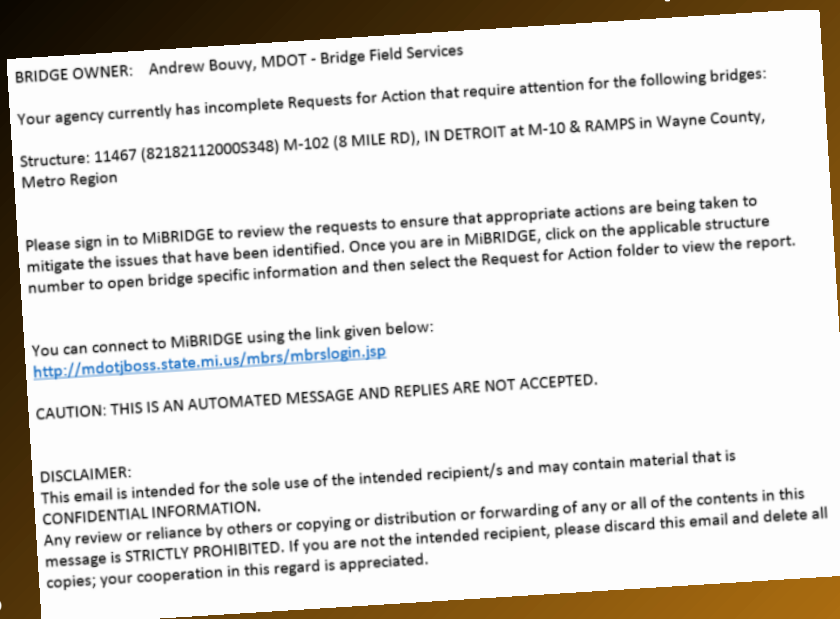
Open ▾

Select	Struct. Nbr.	Bridge ID	Facility Carried	Features Intersect	RFA#			
<input checked="" type="checkbox"/>	1134	1200470000B010	BRINK ROAD	HOC CREEK DR	01134-1015			
<input checked="" type="checkbox"/>	1447	14200047000B010	O'KEEFE ROAD	DOWAGIAC CREEK	01447-1028			
<input checked="" type="checkbox"/>	13555	24200049000S010	MIDDLE ROAD	GREENBRIAR (PV)	13555-0806			
<input checked="" type="checkbox"/>	3303	30200039000B010	LITCHFIELD ROAD	SAND CREEK	03303-1106			
<input checked="" type="checkbox"/>	3879	33200082000B020	OKEMOS ROAD SB	RED CEDAR RIVER	03879-1100			
<input checked="" type="checkbox"/>	3881	33200084000R010	MARSH ROAD	GRAND TRUNK RD	03881-0812	2015	08/12/2015	Amy Trahey
<input checked="" type="checkbox"/>	4022	34200017000B010	DAVID HWY	LIBHART CREEK	04022-1026	2015	10/26/2015	Robert Lothsche
<input checked="" type="checkbox"/>	4032	34200035000B010	BORDEN RD	PRAIRIE CREEK	04032-1026	2015	10/26/2015	Robert Lothsche
<input checked="" type="checkbox"/>	4138	35200017000B010	MILL STREET	AUSABLE RIVER	04138-0618	2015	06/18/2015	Ryan Worden



## Request For Action – Automated Emails

- Monthly Notification for Bridge Owners
- Instant Messages:
  - Bridge Owners Following Report Create and Save
  - Users Assigned With A New Intermediate Action
  - Users Assigned With An Incomplete Action and Another Immediate Action Is Completed





## Request For Action – Automated Emails

BRIDGE OWNER: Olukayode Adefeso, MDOT

A new Request for Action has been created for the following structure:

Structure: 2173 (22122011000B010) M-95, 1.7 MI S OF KINGSFORD at MENOMINEE RIVER in Dickinson County, Superior Region

Initial Problem/Comment: Testing 3/20 (.TEST MDOT .Bridge Inspector 03/20/2015)

Please sign in to MiBRIDGE to review this request to ensure that appropriate actions are being taken to mitigate the issues that have been identified. Once you are in MiBRIDGE, click on the applicable structure number to open bridge specific information and then select the Request for Action folder to view the report.

You can connect to MiBRIDGE using the link given below:

<http://mdotjboss.state.mi.us/mbrs/mbrslogin.jsp>

CAUTION: THIS IS AN AUTOMATED MESSAGE AND REPLIES ARE NOT ACCEPTED.

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## Request For Action – Automated Emails

BRIDGE OWNER: Andrew Bouvy, MDOT - Bridge Field Services

Your agency currently has incomplete Requests for Action that require attention for the following bridges:

Structure: 11467 (82182112000S348) M-102 (8 MILE RD), IN DETROIT at M-10 & RAMPS in Wayne County, Metro Region

Please sign in to MiBRIDGE to review the requests to ensure that appropriate actions are being taken to mitigate the issues that have been identified. Once you are in MiBRIDGE, click on the applicable structure number to open bridge specific information and then select the Request for Action folder to view the report.

You can connect to MiBRIDGE using the link given below:

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## Request For Action – Automated Emails

MiBRIDGE User: Christopher 00 Idusuyi, MDOT Bridge Field Services

A new Intermediate Request for Action task has been created for the following structure:

Structure: 1469 (15115011000C010) US-31, 4.6 MI N OF ANTRIM COL at INWOOD CREEK in Charlevoix County, North Region

Comments: Install 3 temp supports (.TEST MDOT .Bridge Owner 03/22/2015)

Please sign in to MiBRIDGE to review this request to ensure that appropriate actions are being taken to mitigate the issues that have been identified. Once you are in MiBRIDGE, click on the applicable structure number to open bridge specific information and then select the Request for Action folder to view the report.

You can connect to MiBRIDGE using the link given below:

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## Request For Action – Automated Emails

MiBRIDGE User: .TEST MDOT .Bridge Owner, MDOT Bridge Owner

An Intermediate Request for Action task has been completed for the following structure:

Structure: 1469 (15115011000C010) US-31, 4.6 MI N OF ANTRIM COL at INWOOD CREEK in Charlevoix County, North Region

INTERMEDIATE ACTION REQUEST COMPLETED

Request for Temporary Supports Contact/User Christopher 00 Idusuyi

Comments: Install 3 temp supports (.TEST MDOT .Bridge Owner 03/22/2015) SWC Installing temp supports tomorrow test, 4 required (Christopher 00 Idusuyi 03/22/2015) Supports Installed Test (Christopher 00 Idusuyi 03/22/2015)

Please sign in to MiBRIDGE to review this request to ensure that appropriate actions are being taken to mitigate the issues that have been identified. Once you are in MiBRIDGE, click on the applicable structure number to open bridge specific information and then select the Request for Action folder to view the report.

You can connect to MiBRIDGE using the link given below:

<http://mdotjboss.state.mi.us/mbrs/mbrslogin.jsp>

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## Creating The RFA

STR 586
Information Summary and Current Status
B01-09032

<b>Facility</b> M-13 & M-84	<b>Latitude / Longitude</b> 43.57969444444444 / -83.89897222222223	<b>MDOT Structure ID</b> 09109032000B010	<b>Structure Condition</b> Fair Condition(5)
<b>Feature</b> E CHANNEL SAGINAW RIVER	<b>Length / Width</b> 508 / 40	<b>Owner</b> MDOT - Big Bridge	
<b>Location</b> IN BAY CITY (LAFAYETTE AV)	<b>Built / Recon. / Paint / Ovly.</b> 1938 / 2005 / 2005 / 2005	<b>TSC</b> Bay City(4B)	<b>Operational Status</b> A Open, no restriction(A)
<b>Region / County</b> Bay(4) / Bay(9)	<b>Material / Design</b> 1 Concrete / 16 Movable-Bascule	<b>Last NBI Inspection</b> 10/21/2014 / MX2L	<b>Scour Evaluation</b> 3 SC - Unstable

Inspection Data (select from folders below)

 Fracture Critical (92B)
  Other Special (92C)
  Fatigue Sensitive (92D)
  Scour Critical

- Routine - ESIR
- Element
- Request for Action
  - [Add New](#)
  - [01/15/2015](#)
  - [01/13/2015](#)
- Fracture Critical
- Fatigue Sensitive
- Underwater
- Other Special
- Damage
- Scour Action Plan

**REQUEST FOR ACTION** 00586-03282015

<b>Submitted By</b> TEST MDOT .BIG Bridge Insp	<b>Agency / Company Name</b> MDOT BIG Bridges	<b>RFA #</b> 00586-03282015	<b>RFA Date</b> 03/01/2015
---	--	--------------------------------	-------------------------------

**Problems/Comments**  
 In-depth inspection performed with Reachall Unit to verify extent of beam end corrosion at Pier 3W. Request load analysis for section loss measurements recorded on attached detailed beam end inspection form.

**IMMEDIATE ACTION** [\(Add\)](#)

**INTERMEDIATE ACTION REQUESTED** [\(Add\)](#)

**FINAL ACTION COMPLETED**

**Comment**

**RFA Complete**

**RFA COMMITTEE**

<b>Committee Review Date</b>	<b>Estimated Repair Date</b>
------------------------------	------------------------------

**Step #1 – Select  
“Add New”**



**Step #3 – Briefly  
Describe The  
Deficiency or  
Need**

**Step #2 – Enter  
The Appropriate  
Date**



## Creating The RFA

**STR 586** **Information Summary and Current Status** B01-09032

	<b>Facility</b> M-13 & M-84	<b>Latitude / Longitude</b> 43.57969444444444 / -83.89897222222223	<b>MDOT Structure ID</b> 09109032000B010	<b>Structure Condition</b> Fair Condition(5)		
	<b>Feature</b> E CHANNEL SAGINAW RIVER	<b>Length / Width</b> 508 / 40	<b>Owner</b> MDOT - Big Bridge	<b>TSC</b> Bay City(4B)		<b>Operational Status</b> A Open, no restriction(A)
	<b>Location</b> IN BAY CITY (LAFAYETTE AV)	<b>Built / Recon. / Paint / Ovly.</b> 1938 / 2005 / 2005 / 2005	<b>Last NBI Inspection</b> 10/21/2014 / MX2L	<b>Scour Evaluation</b> 3 SC - Unstable		
	<b>Region / County</b> Bay(4) / Bay(9)	<b>Material / Design</b> 1 Concrete / 16 Movable-Bascule				

Inventory & Appraisal
Inspections / Reports
Load Ratings
Work Recommendations
Work History
Documents

**Special Inspections Required:**
 Fracture Critical (92A)
  Underwater (92B)
  Other Special (92C)
  Fatigue Sensitive (92D)
  Scour Critical

**Inspection Data:** (select from folders below)
 Print Print All

- Routine - BSIR
- Element
- Request for Action
  - [Add New](#)
  - [01/15/2015](#)
  - [01/13/2015](#)
- Fracture Critical
- Fatigue Sensitive
- Underwater
- Other Special
- Damage
- Scour Action Plan

00586-03282015

\* RFA Date

03/01/2015

In-depth inspection performed with Reachall Unit to verify extent of beam end corrosion at Pier 3W. Request load analysis for section loss measurements recorded on attached detailed beam end inspection form.]

**IMMEDIATE ACTION** [\(Add\)](#)

**INTERMEDIATE ACTION REQUESTED** [\(Add\)](#)

**FINAL ACTION COMPLETED**

Comment RFA Complete

**Step #4 – Select Immediate Action “Add” To Document A Critical Finding**

**If there Is Not A Critical Finding Move To Step #10**

**Immediate Action Section Used ONLY To Document Unplanned Bridge, Lane, or Shoulder Closures and Substantial Posting Reductions**



## Creating The RFA

STR 586 Information Summary and Current Status B01-09032

	<b>Facility</b> M-13 & M-84	<b>Latitude / Longitude</b> 43.57969444444444 / -83.89897222222223	<b>MDOT Structure ID</b> 09109032000B010	<b>Structure Condition</b> Fair Condition(5)
	<b>Feature</b> E CHANNEL SAGINAW RIVER	<b>Length / Width</b> 508 / 40	<b>Owner</b> MDOT - Big Bridge	
	<b>Location</b> IN BAY CITY (LAFAYETTE AV)	<b>Built / Recon. / Paint / Ovly.</b> 1938 / 2005 / 2005 / 2005	<b>TSC</b> Bay City(4B)	<b>Operational Status</b> A Open, no restriction(A)
	<b>Region / County</b> Bay(4) / Bay(9)	<b>Material / Design</b> 1 Concrete / 16 Movable-Bascule	<b>Last NBI Inspection</b> 10/21/2014 / MX2L	<b>Scour Evaluation</b> 3 SC - Unstable

Inventory & Appraisal Inspections / Reports Load Ratings Work Recommendations Work History Documents

Special Inspections Required:  Fracture Critical (92A)  Underwater (92B)  Other Special (92C)  Fatigue Sensitive (92D)  Scour Critical

Inspection Data: (select from folders below)

01/13/2015

Fracture Critical  
Fatigue Sensitive  
Underwater

**Step #5 – Enter The Recommended Action (Usually Already Completed)**

**Step #6 – Enter The MiBRIDGE User That Requested The Recommended Action**

**Step #7 – Enter The Crew or Agency That Completed The Action**

**Step #8 – Enter The Date That The Critical Finding Was Resolved**

**Step #9 – Add Comments To Describe The Issue Requiring Immediate Resolution**

00586-03282015  
RFA Date  
03/28/2015

Request load analysis for section

**IMMEDIATE ACTION**

Recommended Action	Requested By	Completed By	Completed Date
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Comments

Date Traffic Restored / Signs Installed

Traffic Restoration / Sign Installation Comments



## Creating The RFA

STR 586 Information Summary and Current Status B01-09032

<b>Facility</b> M-13 & M-84	<b>Latitude / Longitude</b> 43.57969444444444 / -83.89897222222223	<b>MDOT Structure ID</b> 09109032000B010	<b>Structure Condition</b> Fair Condition(5)
<b>Feature</b> E CHANNEL SAGINAW RIVER	<b>Length / Width</b> 508 / 40	<b>Owner</b> MDOT - Big Bridge	
<b>Location</b> IN BAY CITY (LAFAYETTE AV)	<b>Built / Recon. / Paint / Ovly.</b> 1938 / 2005 / 2005 / 2005	<b>TSC</b> Bay City(4B)	<b>Operational Status</b> A Open, no restriction(A)
<b>Region / County</b> Bay(4) / Bay(9)	<b>Material / Design</b> 1 Concrete / 16 Movable-Bascule	<b>Last NBI Inspection</b> 10/21/2014 / MX2L	<b>Scour Evaluation</b> 3 SC - Unstable

Inventory & Appraisal | Inspections / Reports | Load Ratings | Work Recommendations | Work History | Documents

Special Inspections Required:  Fracture Critical (92A)  Underwater (92B)  Other Special (92C)  Fatigue Sensitive (92D)  Scour Critical

Inspection Data: (select from folders below) Print Print All

- Routine - BSIR
- Element
- Request for Action
  - [Add New](#)
  - [01/15/2015](#)
  - [01/13/2015](#)
- Fracture Critical
- Fatigue Sensitive
- Underwater
- Other Special
- Damage
- Scour Action Plan

**REQUEST FOR ACTION** 00586-03282015

Submitted By: .TEST MDOT .BIG BRIDGE

RFA # 00586-03282015 \* RFA Date 03/01/2015

Problems/Comments: [In-depth inspection performed on attached bridge beam end inspection form.] of beam end corrosion at Pier 3W. Request load analysis for section loss measurements recorded on attached bridge beam end inspection form.]

IMMEDIATE ACTION [\(Add\)](#)

INTERMEDIATE ACTION REQUESTED [\(Add\)](#)

FINAL ACTION COMPLETED

Comment:

RFA Complete

RFA COMMITTEE

Committee Review Date Estimated Repair Date

Step #10 – Select Intermediate Action Requested “Add” To Create A Request

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## Creating The RFA

STR 586 Information Summary and Current Status B01-09032

**Facility**  
M-13 & M-84

**Latitude / Longitude**  
43.57969444444444 / -83.89897222222223

**MDOT Structure ID**  
09109032000B010

**Structure Condition**  
Fair Condition(5)

**Feature**  
E CHANNEL SAGINAW RIVER

**Length / Width**  
508 / 40

**Owner**  
MDOT - Big Bridge

**Location**  
IN BAY CITY (LAFAYETTE AV)

**Built / Recon. / Paint / Ovly.**  
1938 / 2005 / 2005 / 2005

**TSC**  
Bay City(4B)

**Operational Status**  
A Open, no restriction(A)

**Region / County**  
Bay(4) / Bay(9)

**Last NBI Inspection**  
10/21/2014 / MX2L

**Scour Evaluation**  
3 SC - Unstable

**Inventory & Appraisal**

**Special Inspections R**

**Inspection Data: (select)**

Routine - BSIR

Element

Request for Action

[Add New](#)

[01/15/2015](#)

[01/13/2015](#)

Fracture Critical

**INTERMEDIATE ACTION REQUESTED [Add](#)**

Request For	Contact/User	Agency/Company Name	Review Date	Priority	Complete Date
Load Rating	Creightyn McMunn	MDOT			

**No. of Locations**  
[ ]

**Engineering Costs (\$)**  
[ ]

**Temp. Repair Costs (\$)**  
[ ]

**Perm. Repair Costs (\$)**  
[ ]

**Estimate Date**  
[ ]

**Comments**  
[ ]

**FINAL ACTION**

**Comment**  
[ ]

**RFA Complete**

**Step #11 – Select The Appropriate Request From The List**

**Step #12 – Enter The MiBRIDGE User That The Request Should Be Assigned To**

**Step #13 – If Needed Add Any Additional Comments**

**Step #14 – If Additional Actions Are Required, Select Add And Repeat Steps 11, 12, and 13**



## Creating The RFA

STR 586 Information Summary and Current Status B01-0903

	<b>Facility</b> M-13 & M-84	<b>Latitude / Longitude</b> 43.57969444444444 / -83.89897222222223	<b>MDOT Structure ID</b> 09109032000B010	<b>Structure Condition</b> Fair Condition(5)
	<b>Feature</b> E CHANNEL SAGINAW RIVER	<b>Length / Width</b> 508 / 40	<b>Owner</b> MDOT - Big Bridge	
	<b>Location</b> IN BAY CITY (LAFAYETTE AV	<b>Built / Recon. / Paint / Ovly.</b> 1938 / 2005 / 2005 / 2005	<b>TSC</b> Bay City(4B)	<b>Operational Status</b> A Open, no restriction(A)
	<b>Region / County</b> Bay(4) / Bay(9)	<b>Material / Design</b> 1 Concrete / 16 Movable-Bascule	<b>Last NBI Inspection</b> 10/21/2014 / MX2L	<b>Scour Evaluation</b> 3 SC - Unstable

Inventory & Appraisal | Inspections / Reports | Load Ratings | Work Recommendations | Work History | Documents

Special Inspections Required:  Fracture Critical (92A)  Underwater (92B)  Other Special (92C)  Fatigue Sensitive (92D)  Scour Critical

Inspection Data: (select from folders below) Print Print A

- Routine - BSIR
- Element
- Request for Action
  - [Add New](#)
  - [01/15/2015 \(Edit\)](#)
  - [01/13/2015 \(Edit\)](#)
- Fracture Critical
- Fatigue Sensitive
- Underwater
- Other Special
- Damage
- Scour Action Plan

**FINAL ACTION COMPLETED**

Comment RFA Complete

**RFA COMMITTEE**

Estimated Repair

**SUPPORTING DOCUMENTS**

[Detailed Stringer Measurements.pdf](#) remove

Str. No. 586 Detailed Beam End Measurements

**SUPPORTING IMAGES**

Upload images Choose File

**Step #15 – Add Supporting Documents**

**Step #16 – Add Description For File(s) Uploaded**

Save



## Creating The RFA

STR 586 Information Summary and Current Status B01-09032

	<b>Facility</b> M-13 & M-84	<b>Latitude / Longitude</b> 43.57969444444444 / -83.89897222222223	<b>MDOT Structure ID</b> 09109032000B010	<b>Structure Condition</b> Fair Condition(5)	
	<b>Feature</b> E CHANNEL SAGINAW RIVER	<b>Length / Width</b> 508 / 40	<b>Owner</b> MDOT - Big Bridge		
	<b>Location</b> IN BAY CITY (LAFAYETTE AV)	<b>Built / Recon. / Paint / Ovly.</b> 1938 / 2005 / 2005 / 2005	<b>TSC</b> Bay City(4B)	<b>Operational Status</b> A Open, no restriction(A)	
	<b>Region / County</b> Bay(4) / Bay(9)	<b>Material / Design</b> 1 Concrete / 16 Movable-Bascule	<b>Last NBI Inspection</b> 10/21/2014 / MX2L	<b>Scour Evaluation</b> 3 SC - Unstable	

Inventory & Appraisal | Inspections / Reports | Load Ratings | Work Recommendations | Work History | Documents

Special Inspections Required:  Fracture Critical (92A)  Underwater (92B)  Sensitive (92D)  Scour Critical

Inspection Data: (select from folders below)

- Routine - BSIR
- Element
- Request for Action
  - Add New
  - 01/15/2015 (Edit)
  - 01/13/2015 (Edit)
- Fracture Critical
- Fatigue Sensitive
- Underwater
- Other Special
- Damage
- Scour Action Plan

Detailed Stringer Measurements.pdf remove

Str. No. 586 Detailed Beam End Measurements

**SUPPORTING IMAGES**

Upload images

Photo 1.JPG  
Beams 25 Pier 3W  
remove

Photo 2.JPG  
Beam 15 Pier 3W  
remove

**Step #17 – Add Supporting Images**


**Step #18 – Add Description For Photos Uploaded**

**Step #19 – Select Save**



## Creating The RFA

STR 586
Information Summary and Current Status
B01-09032



<b>Facility</b> M-13 & M-84	<b>Latitude / Longitude</b> 43.57969444444444 / -83.89897222222223	<b>MDOT Structure ID</b> 09109032000B010
<b>Feature</b> E CHANNEL SAGINAW RIVER	<b>Length / Width</b> 508 / 40	<b>Owner</b> MDOT - Big Bridge
<b>Location</b> IN BAY CITY (LAFAYETTE AV)	<b>Built / Recon. / Paint / Ovly.</b> 1938 / 2005 / 2005 / 2005	<b>TSC</b> Bay City(4B)
<b>Region / County</b> Bay(4) / Bay(9)	<b>Material / Design</b> 1 Concrete / 16 Movable-Bascule	<b>Last NBI Inspection</b> 10/21/2014 / MX2L
		<b>Structure Condition</b> Fair Condition(5)
		<b>Operational Status</b> A Open, no restriction(A)
		<b>Scour Evaluation</b> 3 SC - Unstable

Reports
Load Ratings
Work Recommendations
Work History
Documents

Structure Critical (92A) 
Underwater (92B) 
Other Special (92C) 
Fatigue Sensitive (92D) 
Scour Critical

Print
Print All

**REQUEST FOR ACTION** 00586-03012015

<b>Submitted By</b> Andrew Bouvy	<b>Agency / Company Name</b> MDOT - Bridge Field Services	<b>RFA #</b> 00586-03012015
<b>RFA Date</b> 03/01/2015		

**Problems/Comments**

[In-depth inspection performed with Reachall Unit to verify extent of beam end corrosion at Pier 3W. Request load analysis for section loss measurements recorded on attached detailed beam end inspection form. \(Andrew Bouvy 03/28/2015\)](#)

**IMMEDIATE ACTION** [\(Add\)](#)

**INTERMEDIATE ACTION REQUESTED** [\(Add\)](#)


Request For	Contact/User	Agency/Company Name	Review Date	Priority	Complete Date
Load Rating	Creightyn McMunn	MDOT	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>No. of Locations</b>	<b>Engineering Costs (\$)</b>	<b>Temp. Repair Costs (\$)</b>	<b>Perm. Repair Costs (\$)</b>	<b>Estimate Date</b>	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

**Comments**

**FINAL ACTION COMPLETED**

- Routine - BSR
- Element
- Request for Action
  - [Add New](#)
  - [03/01/2015 \(Edit\)](#)
  - [01/15/2015 \(Edit\)](#)
  - [01/13/2015 \(Edit\)](#)
- Fracture Critical
- Fatigue Sensitive
- Underwater
- Other Special
- Damage
- Scour Action Plan

**Step #20 – Verify Record Has Been Saved**







## Responding To An RFA Assignment

- My Assignments For Intermediate Action Assignments
- Request For Action Dashboard For All RFAs

**Step #1A - Select Requests For Action**

- System Administration
- Edit Profile
- Bridge Management
- My Assignments**
- Assign Jurisdiction
- Dashboards
  - » Structure Condition Dashboard
  - » Report Assignment Dashboard
  - » Load Rating Dashboard
  - » Request For Action Dashboard
  - » Network Summary

Inspection Type	Total	Scour Actions	Total	Load Ratings	Total	Requests for Action	Total
All Inspections	17	Scour Action Plans	0	Load Ratings	0	Requests for Action	2
Routine	0						
Fracture Critical	16						
Fatigue Sensitive	0						
Underwater	1						
Other Special	0						

Requests For Action											
Select	Struct. Nbr.	Bridge ID	Facility Carried	Features Intersected	Owner	Routine	Fracture Critical	Fatigue Sensitive	Underwater	Other Special	Earliest Assign Insp. ▲
<input type="checkbox"/>	880	11111053000B010	M-63	ST JOSEPH RIVER	Big Bridges		07/29/2015				07/29/2015
<input type="checkbox"/>	1071	15115012000B010	US-31	ISLAND LAKE OUT	Big Bridges		08/06/2015				08/06/2015

**Step #2A - Select Requests For Action**

**Step #3A - Select The Appropriate Structure**



## Responding To An RFA Assignment

### MiBRIDGE

Bridge Management and Inspection System

Michigan.gov Home
MiBRIDGE Home | Contact MiBRIDGE | Feedback | Help
Sign Out

Welcome Creightyn Mcmunn
Jurisdiction: Bridge Operations - C and T

Change Password

System Administration

Edit Profile

Bridge Management

- » Report Assignment Dashboard
- » Load Rating Dashboard
- » Request For Action Dashboard
- » Network Summary
- » Good/Fair/Poor/Critical
- » Deficient Structures(SD/FO)
- » Item 41 - Operational Status
- » HBP Eligible Structures
- » Scour Critical Structures
- » Network Elements
- » Work Recommendations
- » Call For Projects (CFP)
- » Ad-Hoc Report

Jurisdiction: MDOT Statewide
Change

NBI Filter: All
NHS Filter: All

**Request For Action (RFA) Summary**

	Count
Total No. of Incomplete RFAs	36
Total No. of Complete RFAs	1
RFAs Submitted by Me	0
Incomplete RFAs Assigned to Me	5
Complete RFAs Assigned to Me	0
Critical Findings	10

Current Priority Level	RFA Complete	RFA Incomplete	Reviewed by Committee	Not Reviewed by Committee
1	1	5	1	5
0	0	1	0	1
0	0	1	0	1
0	0	4	0	4

**Intermediate Action Type**

	Complete	Incomplete	Reviewed	Not Reviewed
Detailed Inspection	3	2	3	2
Damage Inspection	3	3	4	2
Scour Evaluation	0	1	0	1
Schedule Special Inspection	1	0	1	0
False Decking R&R	0	0	0	0
Load Rating	3	10	4	9
Post Structure < 20%	0	0	0	0
Temporary Supports	1	0	1	0
Steel Repairs	0	0	0	0
	0	0	0	0
	0	0	0	0
	2	19	4	17
	1	0	1	0

**Critical Finding Type**

	Complete	Incomplete
Close Bridge	1	0
Close Lane	0	2
Close Shoulder	0	5
Post Structure ≥ 20%	0	2

**Request For Action Summary**

Open ▾

Select	Struct. Nbr.	Bridge ID	Facility Carried	Features Intersected	RFA#	Create Date	Submitted By	Committee Review			De Ins
								Date	Priority	Scheduled Repair Date	
<input type="checkbox"/>	1	01101011000C010	M-65	BRYANT CREEK	00001-03012015	03/01/2015	TEST Consultant, B	03/05/2015	1	01/01/2016	
<input type="checkbox"/>	598	00109032000B010	M-13 & M-84	E CHANNEL SAGINAW	00586-01132015	01/13/2015	Andrew Bouvy				
<input type="checkbox"/>		00032000B010	M-13 & M-84	E CHANNEL SAGINAW	00586-01152015	01/15/2015	Andrew Bouvy				

**Step #1B - Select Request For Action Dashboard**


**Step #2B - Select Incomplete RFAs Assigned to Me**

**Step #3B - Select The Appropriate Structure**



## Responding To An RFA Assignment

**STR 586** **Information Summary and Current Status** **B01-09032**



<b>Facility</b> M-13 & M-84	<b>Latitude / Longitude</b> 43.57969444444444 / -83.89897222222223	<b>MDOT Structure ID</b> 09109032000B010
<b>Feature</b> E CHANNEL SAGINAW RIVER	<b>Length / Width</b> 508 / 40	<b>Owner</b> MDOT - Big Bridge
<b>Location</b> IN BAY CITY (LAFAYETTE AV	<b>Built / Recon. / Paint / Ovly.</b> 1938 / 2005 / 2005 / 2005	<b>TSC</b> Bay City(4B)
<b>Region / County</b> Bay(4) / Bay(9)	<b>Material / Design</b> 1 Concrete / 16 Movable-Bascule	<b>Last NBI Inspection</b> 10/21/2014 / MX2L
		<b>Structure Condition</b> Fair Condition(5)
		<b>Operational Status</b> A Open, no restriction(A)
		<b>Scour Evaluation</b> 3 SC - Unstable

**Inventory & Appraisal** | **Inspections / Reports** | **Load Ratings** | **Work Recommendations** | **Work History** | **Documents**

Special Inspections:  Core Critical (92A)  Underwater (92B)  Other Special (92C)  Fatigue Sensitive (92D)  Scour Critical

**Request for Action** 00586-03012015

Submitted By	Agency / Company Name	RFA #	* RFA Date
Andrew Bouvy	MDOT - Bridge Field Services	00586-03012015	03/01/2015

**Problems/Comments**  
In-depth inspection performed with Reachall Unit... loss measurements recorded on attached details

**IMMEDIATE ACTION** [\(Add\)](#)

**INTERMEDIATE ACTION REQUESTED** [\(Add\)](#)

Request For	Contact/User	Agency/Company Name	Review Date	Priority	Complete Date
Load Rating	Creightyn McMunn	MDOT	03/02/2015	Level 2	

**Comments**  
[Assigned staff to perform analysis. \(Creightyn McMunn 03/30/2015\)](#)

**Step #4 - Select The Request For Action Folder and Edit**

**Step #5 - Enter the Reviewed Date**

**Step #6 - Assign A Priority Number**

**Step #7 - Enter A Comment To Provide Any Beneficial Information**



## Responding To An RFA Assignment

STR 586 Information Summary and Current Status B01-09032

<b>Facility</b> M-13 & M-84	<b>Latitude / Longitude</b> 43.57969444444444 / -83.89897222222223	<b>MDOT Structure ID</b> 09109032000B010	<b>Structure Condition</b> Fair Condition(5)
<b>Feature</b> E CHANNEL SAGINAW RIVER	<b>Length / Width</b> 508 / 40	<b>Owner</b> MDOT - Big Bridge	
<b>Location</b> BAY CITY (LAFAYETTE AV)	<b>Built / Recon. / Paint / Ovly.</b> 1938 / 2005 / 2005 / 2005	<b>TSC</b> Bay City(4B)	<b>Operational Status</b> A Open, no restriction(A)
<b>County</b> Bay(9)	<b>Material / Design</b> 1 Concrete / 16 Movable-Bascule	<b>Last NBI Inspection</b> 10/21/2014 / MX2L	<b>Scour Evaluation</b> 3 SC - Unstable

Fracture Critical (92A)
  Underwater (92B)
  Other Special (92C)
  Fatigue Sensitive (92D)
  Scour Critical

Inspection Summary (see comments below)

- Routine - BSIR
- Element
- Request for Action
  - [Add New](#)
  - [03/01/2015 \(Edit\)](#)
  - [01/15/2015 \(Edit\)](#)
  - [01/13/2015 \(Edit\)](#)
- Fracture Critical
- Fatigue Sensitive
- Underwater
- Other Special
- Damage
- Scour Action Plan

Request For	Contact/User	Agency/Company Name	Review Date	Priority	Complete Date
Steel Repairs	Christopher Idusuyi	MDOT Bridge Field Services			
No. of Locations	Engineering Costs (\$)	Temp. Repair Costs (\$)	Perm. Repair Costs (\$)	Estimate Date	
Comments					
<input type="text"/>					
<input type="button" value="remove"/>					
Request For	Contact/User	Agency/Company Name	Review Date	Priority	Complete Date
Sch. Spec. Inspection	Rich Kathrens	MDOT - Bridge Field Services			
No. of Locations	Engineering Costs (\$)	Temp. Repair Costs (\$)	Perm. Repair Costs (\$)	Estimate Date	
Comments					
<input type="text"/>					
<input type="button" value="remove"/>					

**Step #8 - If Necessary, Add And Assign Any Additional Intermediate Actions**

**Step #9 - Scroll Down And Select Save**



## Responding To An RFA Assignment

STR 586 Information Summary and Current Status B01-09032

<b>Facility</b> M-13 & M-84	<b>Latitude / Longitude</b> 43.57969444444444 / -83.89897222222223	<b>MDOT Structure ID</b> 09109032000B010	<b>Structure Condition</b> Fair Condition(5)
<b>Feature</b> E CHANNEL SAGINAW RIVER	<b>Length / Width</b> 508 / 40	<b>Owner</b> MDOT - Big Bridge	
<b>Location</b> IN BAY CITY (LAFAYETTE AV)	<b>Built / Recon. / Paint / Ovly.</b> 1938 / 2005 / 2005 / 2005	<b>TSC</b> Bay City(4B)	<b>Operational Status</b> A Open, no restriction(A)
<b>Region / County</b> Bay(4) / Bay(9)	<b>Material / Design</b> 1 Concrete / 16 Movable-Bascule	<b>Last NBI Inspection</b> 10/21/2014 / MX2L	<b>Scour Evaluation</b> 3 SC - Unstable

Inventory & Appraisal | Inspections / Reports | **Load Ratings** | Work Recommendations | Work History | Documents

Special Inspections Required:  Fracture Critical (92A)  Underwater (92B)  Other Special (92C)  Fatigue Sensitive (92D)  Scour Critical

Inspection Data: (select from folders below) Print | Print All

- Routine - BSIR
- Element
- Request for Action
  - [Add New](#)
  - [03/01/2015](#) [\(Edit\)](#)
  - [01/15/2015](#) [\(Edit\)](#)

**REQUEST FOR ACTION** 00586-03012015

Submitted By: Andrew Bouvy | Agency / Company Name: MDOT - Bridge Field Services | RF: 00586-03012015

**Problems/Comments**  
In-depth inspection performed with Reachall Unit to verify extent of beam end corrosion at Pier 1. Corrosion loss measurements recorded on attached detailed beam end inspection form. (Andrew Bouvy 03/01/2015)

**IMMEDIATE ACTION** [\(Add\)](#)

**INTERMEDIATE ACTION REQUESTED** [\(Add\)](#)

Request For	Contact/User	Agency/Company Name	Review Date	Priority	Complete Date
Load Rating	Creightyn McMunn	MDOT	03/02/2015	Level 2	03/22/2015

**Comments**  
Assigned staff to perform analysis (Creightyn McMunn 03/30/2015)  
[See attached memorandum with repair locations. Recommend 6 month special inspection until repairs are completed. \(Creightyn McMunn 03/30/2015\)](#)

**Step #11 - Enter A Comment Which Describes The Outcome Of The Intermediate Action**

**Step #10 - Once The Action Has Been Completed, Enter The Completed Date**



## Responding To An RFA Assignment

STR 586
Information Summary and Current Status
B01-09032

<b>Facility</b> M-13 & M-84	<b>Latitude / Longitude</b> 43.57969444444444 / -83.89897222222223	<b>MDOT Structure ID</b> 09109032000B010
<b>Feature</b> E CHANNEL SAGINAW RIVER	<b>Length / Width</b> 508 / 40	<b>Owner</b> MDOT - Big Bridge
<b>Location</b> IN BAY CITY (LAFAYETTE AV)	<b>Built / Recon. / Paint / Ovly.</b> 1938 / 2005 / 2005 / 2005	<b>TSC</b> Bay City(4B)
<b>Region / County</b> Bay(4) / Bay(9)	<b>Material / Design</b> 1 Concrete / 16 Movable-Bascule	<b>Operational Status</b> A Open, no restriction(A)
		<b>Last NBI Inspection</b> 10/21/2014 / MX2L
		<b>Scour Evaluation</b> 3 SC - Unstable

Inventory & Approval
Load Ratings
Work Recommendations
Work History
Documents

Special Inspection:  Fracture Critical (92A)  Underwater (92B)  Other Special (92C)  Fatigue Sensitive (92D)  Scour Critical

Inspection Date: Print Print All

- Routine - BSIR
- Element
- Request for Action
  - [Add New](#)
  - [03/01/2015 \(Edit\)](#)
  - [01/15/2015 \(Edit\)](#)
  - [01/13/2015 \(Edit\)](#)
- Fracture Critical
- Fatigue Sensitive
- Underwater
- Other Special
- Damage
- Scour Action Plan

**SUPPORTING DOCUMENTS**

Upload documents Choose File

[Detailed Stringer Measurements.pdf](#)

Str. No. 586 Detailed Beam End Measurements

[586-03012015 Memorandum.pdf](#) remove

Repair Recommendation Memorandum

**SUPPORTING IMAGES**

Upload images Choose File

Photo 1.JPG

Beams 2S, Pier 3W

Photo 2.JPG

Beam 1S, Pier 3W

**Step #12 - Add Any Supporting Documentation**



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## Responding To An RFA Assignment

STR 586 Information Summary and Current Status B01-09032

	<b>Facility</b> M-13 & M-84  <b>Feature</b> E CHANNEL SAGINAW RIVER  <b>Location</b> BAY CITY (LAFAYETTE AV)  <b>County</b> Bay(9)	<b>Latitude / Longitude</b> 43.57969444444444 / -83.89897222222223  <b>Length / Width</b> 508 / 40  <b>Built / Recon. / Paint / Ovly.</b> 1938 / 2005 / 2005 / 2005  <b>Material / Design</b> 1 Concrete / 16 Movable-Bascule	<b>MDOT Structure ID</b> 09109032000B010  <b>Owner</b> MDOT - Big Bridge  <b>TSC</b> Bay City(4B)  <b>Last NBI Inspection</b> 10/21/2014 / MX2L	<b>Structure Condition</b> Fair Condition(5)   <b>Operational Status</b> A Open, no restriction(A)  <b>Scour Evaluation</b> 3 SC - Unstable
---	--	---	---	---

Fracture Critical (92A)
  Underwater (92B)
  Other Special (92C)
  Fatigue Sensitive (92D)
  Scour Critical

Inspection Summary (see comments below)

Request For	Contact/User	Agency/Company Name	Review Date	Priority	Complete Date
Steel Repairs	Christopher Idusuyi	MDOT Bridge Field Services			
No. of Locations	Engineering Costs (\$)	Temp. Repair Costs (\$)	Perm. Repair Costs (\$)	Estimate Date	
Comments					
<input type="button" value="remove"/>					
Request For	Contact/User	Agency/Company Name	Review Date	Priority	Complete Date
Sch. Spec. Inspection	Rich Kathrens	MDOT - Bridge Field Services			
No. of Locations	Engineering Costs (\$)	Temp. Repair Costs (\$)	Perm. Repair Costs (\$)	Estimate Date	
Comments					
<input type="button" value="remove"/>					

**Step #13 - If Necessary, Add And Assign Any Additional Intermediate Actions**

**Step #14 - Scroll Down And Select Save**



## Completing The RFA Report

**Step #1 - After Selecting The Appropriate RFA, Review The Report To Ensure All Required Actions And Documentation Are Complete**

**Step #2 - Enter A Comment In The Final Action Completed Section**

**Step #4 - Provide Confirmation In The Warning Dialogue Window**

**Step #3 - Mark The RFA Complete**

**Step #5 - Scroll Down And Select Save**

The screenshot shows a web-based interface for managing a Request for Action (RFA) report. The main content area is titled "Information S" and includes fields for Facility (M-13 & M-84), Feature (E CHANNEL SAGINAW RIVER), Location (IN BAY CITY (LAFAYE)), Region / County (Bay(4) / Bay(9)), Latitude / Longitude (43.57969444), Length / Width (508 / 40), DOT Structure ID (9109032000B010), Structure Condition (Fair Condition(5)), Operational Status (A Open, no restriction(A)), Inspection (4 / MX2L), and Scour Evaluation (3 SC - Unstable). A warning dialog box is overlaid on the screen, stating: "The page at mdotqa.state.mi.us says: Once the Request for Action has been marked complete and saved, no further editing can take place. Do you want to do this?" with "OK" and "Cancel" buttons. The "FINAL ACTION COMPLETED" section contains a comment: "Repairs completed July 16, 2015. RFA may be closed." The "RFA COMMITTEE" section shows a "Committee Review Date" of 04/01/2015 and an "Estimated Repair Date" of 07/13/2015. The "SUPPORTING DOCUMENTS" section includes a link to "Detailed Stringer Measurements.pdf". A "Save" button is visible at the bottom right of the page.





## Request For Action – Future Updates

- We need your feedback!
- Ability to delete RFA record
- Ability to reopen completed RFA
- Ability to link with Damage Inspection Report
- Ability to link with Maintenance Work Orders
- Enhanced mapping features



Time to get back to Spring Training

