

## CHECKLIST TO DESIGNATE AREAS OF EVALUATION FOR REQUESTS FOR PROPOSAL (RFP)

	REQUISITION NUMBER	DUE DATE	TIME DUE
MDOT PROJECT MANAGER	JOB NUMBER (JN)	CONTROL SECTION (CS)	
DESCRIPTION			
<b>MDOT PROJECT MANAGER:</b> Check all items to be included in RFP  WHITE = REQUIRED GRAY SHADING = OPTIONAL  Check the appropriate Tier in the box below		<b>CONSULTANT:</b> Provide only checked items below in proposal	
<input type="checkbox"/> <b>TIER I</b> (\$25,000-\$99,999)	<input type="checkbox"/> <b>TIER II</b> (\$100,000-\$250,000)	<input type="checkbox"/> <b>TIER III</b> (>\$250,000)	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Understanding of Service
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Innovations</i>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Organizational Chart
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Qualifications of Team
Not required as part of Official RFP	Not required as part of Official RFP	<input type="checkbox"/>	Quality Assurance/Quality Control
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Location:</b> The percentage of work performed in Michigan will be used for all selections unless the project is for on-site p=inspection or survey activities, then location should be scored using the distance from the consultant office to the on-site inspection or survey activity.
N/A	N/A	<input type="checkbox"/>	Presentation
N/A	N/A	<input type="checkbox"/>	Technical Proposal (if Presentation is required)
3 pages (MDOT Forms not counted) ( <b>No Resumes</b> )	7 pages (MDOT Forms not counted)	14 pages (MDOT forms not counted)	Total maximum pages for RFP <b>not including key personnel resumes.</b> Resumes limited to 2 pages per key staff personnel.

**PROPOSAL AND BID SHEET EMAIL ADDRESS – [mdot-rfp-response@michigan.gov](mailto:mdot-rfp-response@michigan.gov)**

### GENERAL INFORMATION

Any questions relative to the scope of services must be submitted by e-mail to the MDOT Project Manager. Questions must be received by the Project Manager at least five (5) working days prior to the due date and time specified above. All questions and answers will be placed on the MDOT website as soon as possible after receipt of the questions, and at least three (3) days prior to the RFP due date deadline. The names of vendors submitting questions will not be disclosed.

MDOT is an equal opportunity employer and MDOT DBE firms are encouraged to apply. The participating DBE firm, as currently certified by MDOT's Office of Equal Opportunity, shall be listed in the Proposal.

### MDOT FORMS REQUIRED AS PART OF PROPOSAL SUBMISSION

**5100D** – Request for Proposal Cover Sheet

**5100J** – Consultant Data and Signature Sheet (Required only for firms not currently prequalified with MDOT)

**(These forms are not included in the proposal maximum page count.)**

**REQUEST FOR PROPOSAL**

The Michigan Department of Transportation (MDOT) is seeking professional services for the project contained in the attached scope of services.

If your firm is interested in providing services, please indicate your interest by submitting a Proposal, Proposal/Bid Sheet or Bid Sheet as indicated below. The documents must be submitted in accordance with the latest ("Consultant/Vendor Selection Guidelines for Services Contracts" and "Guideline for Completing a Low Bid Sheet(S)\*", if a low bid is involved as part of the selection process. **Reference Guidelines are available on MDOT's website under Doing Business > Vendor/Consultant Services > Vendor/Consultant Selections.**

**RFP SPECIFIC INFORMATION**

BUREAU OF HIGHWAYS  BUREAU OF TRANSPORTATION PLANNING  OTHER

THE SERVICE WAS POSTED ON THE ANTICIPATED QUARTERLY REQUESTS FOR PROPOSALS

NO  YES DATED \_\_\_\_\_ THROUGH \_\_\_\_\_

**Prequalified Services** – See page \_\_\_\_ of the attached Scope of Services for required Prequalification Classifications.

**Non-Prequalified Services** – If selected, the vendor must make sure that current financial information, including labor rates, overhead computations, and financial statements, if overhead is not audited, is on file with MDOT's Office of Commission Audits. This information must be on file for the prime vendor and all sub vendors so that the contract will not be delayed. **Form 5100J is required with Proposal for firms not currently prequalified with MDOT**

**Qualifications Based Selection** – Use Consultant/Vendor Selection Guidelines

**For all Qualifications Based Selections**, the section team will review the information submitted and will select the firm considered most qualified to perform the services based on the proposals. The selected vendor will be contacted to confirm capacity. Upon confirmation, that firm will be asked to prepare a priced proposal. Negotiations will be conducted with the firm selected.

**For a cost plus fixed fee contract**, the selected vendor must have a cost accounting system to support a cost plus fixed fee contract. This type of system has a job-order cost accounting system for the recording and accumulation of costs incurred under its contracts. Each project is assigned a job number so that costs may be segregated and accumulated in the vendor's job-order accounting system.

**Qualification Review / Low Bid** – Use Consultant/Vendor Selection Guidelines. See Bid Sheet instructions for additional information.

For Qualification Review/Low Bid selections, the selection team will review the proposals submitted. The vendor that has met established qualification threshold and with the lowest bid will be selected. The selected vendor may be contacted to confirm capacity.

**Best Value** – Use Consultant/Vendor Selection Guidelines, See Bid Sheet Instructions below for additional information. The bid amount is a component of the total proposal score, not the determining factor of the selection.

**Low Bid** (no qualifications review required – no proposal required.) See Bid Sheet Instructions below for additional instructions.

**BID SHEET INSTRUCTIONS**

Bid Sheet(s) must be submitted in accordance with the "Guidelines for Completing a Low Bid Sheet(s)\*" (available on MDOT's website). Bid Sheet(s) are located at the end of the Scope of Services. Submit bid sheet(s) separate from the proposal, to the email address: [mdot-rfp-response@michigan.gov](mailto:mdot-rfp-response@michigan.gov). Failure to comply with this procedure may result in your bid being rejected from consideration.

**PARTNERSHIP CHARTER AGREEMENT**

MDOT and ACEC created a Partnership Charter Agreement which establishes guidelines to assist MDOT and Consultants in successful partnering. Both the Consultant and MDOT Project Manager are reminded to review the [ACEC-MDOT Partnership Charter Agreement](#) and are asked to follow all communications, issues resolution and other procedures and guidance's contained therein.

**NOTIFICATION  
MANDATORY ELECTRONIC SUBMITTAL**

**Proposals submitted for this project must be submitted electronically.**

**The following are changes to the Proposal Submittal Requirements:**

- Eliminated the Following Requirements:
  - Safety Program
  - Communication Plan
  - Past Performance as *a separate section*
  - Separate section for DBE Statement of goals. Include information in Qualification of Team section
  
- Implemented the Following Changes:
  - All proposals require an Organization Chart
  - Resumes must be a maximum of two pages
  - Only Key (lead) staff resumes may be submitted
  - Tier III proposal reduced from 19 to 14 pages
  - Forms 5100D, 5100I, and 5100G combined – 5100D
  - Forms 5100B and 5100H combined – 5100B
  - RFP's will be posted on a weekly basis -- on Mondays

**The following are Requirements for Electronic Submittals:**

- Proposals must be prepared using the most current guidelines
- The proposal must be bookmarked to clearly identify the proposal sections (See Below)
- For any section not required per the RFP, the bookmark must be edited to include “N/A” after the bookmark title.  
**Example:** Understanding of Service – N/A
- Proposals must be assembled and saved as a single PDF file
- PDF file must be 5 megabytes or smaller
- PDF file must be submitted via e-mail to [MDOT-RFP-Response@michigan.gov](mailto:MDOT-RFP-Response@michigan.gov)
- MDOT's requisition number and company name must be included in the subject line of the e-mail. The PDF shall be named using the following format:
  - Requisition#XXX\_Company Name.PDF
- MDOT will not accept multiple submittals
- Proposals must be *received* by MDOT on or before the due date and time specified in each RFP

**If the submittals do not comply with the requirements, they may be determined unresponsive.**

The Consultant's will receive an e-mail reply/notification from MDOT when the proposal is received. Please retain a copy of this e-mail as proof that the proposal was received on time. **Consultants are responsible for ensuring the MDOT receives the proposal on time.**

**\*\*Contact Contract Services Division immediately at 517-373-4680 if you do not get an auto response\*\***

**Required Bookmarking Format:**

- I. Request for Proposal Cover Sheet Form 5100D
  - A. Consultant Data and Signature Sheet, Form 5100J (if applicable)
- II. Understanding of Service
  - A. Innovations
- III. Qualifications of Team
  - A. Structure of Project Team
    - 1. Role of Firms
    - 2. Role of Key Personnel
  - B. Organization Chart
  - C. Location
- IV. Quality Assurance / Quality Control Plan
- V. Resumes of Key Staff
- VI. Pricing Documents/Bid Sheet (if applicable)

**2/14/12**

**NOTIFICATION  
E-VERIFY REQUIREMENTS**

E-Verify is an Internet based system that allows an employer, using information reported on an employee's Form I-9, Employment Eligibility Verification, to determine the eligibility of that employee to work in the United States. There is no charge to employers to use E-Verify. The E-Verify system is operated by the Department of Homeland Security (DHS) in partnership with the Social Security Administration. E-Verify is available in Spanish.

The State of Michigan is requiring, under Public Act 200 of 2012, Section 381, that as a condition of each contract or subcontract for construction, maintenance, or engineering services that the pre-qualified contractor or subcontractor agree to use the E-Verify system to verify that all persons hired during the contract term by the contractor or subcontractor are legally present and authorized to work in the United States.

Information on registration for and use of the E-Verify program can be obtained via the Internet at the DHS Web site: <http://www.dhs.gov/E-Verify>.

The documentation supporting the usage of the E-Verify system must be maintained by each consultant and be made available to MDOT upon request.

It is the responsibility of the prime consultant to include the E-Verify requirement documented in this NOTIFICATION in all tiers of subcontracts.

9/13/12

**Michigan Department of Transportation**

**SCOPE OF SERVICE  
FOR  
CONSTRUCTION SERVICES  
Underwater Bridge Inspection**

**CONTROL SECTION(S):** 84915

**JOB NUMBER(S):** 118292

**PROJECT LOCATION(S):**

The bridges are in various locations in Allegan, Barry, Berrien, Calhoun, Kalamazoo, and St. Joseph Counties, Michigan in the Southwest Region (see **Attachment No. 1, Work Package Listing**, for specific bridge numbers and locations).

**DESCRIPTION OF WORK:**

In accordance with Federal Regulations, each bridge under MDOT jurisdiction that have submerged substructure elements that cannot be checked by wading, must be inspected by a qualified diver on a periodic basis of 60 months or less. The work defined in this scope is limited to performing an underwater inspection of bridge substructure elements and preparing a report that details the inspection findings.

The work associated with this project is broken into two phases: Site inspection and data gathering, and the completion of the report writing and communication of the information to MDOT. Both phases must be complete for successful completion of the project.

**ANTICIPATED START DATE:** June 3, 2013

**ANTICIPATED COMPLETION DATE:** December 27, 2013

**DBE REQUIREMENT:** N/A

**PRIMARY PREQUALIFICATION CLASSIFICATION:**

Underwater Bridge Inspection

**SECONDARY PREQUALIFICATION CLASSIFICATION:**

Bridge Safety Inspection

**MDOT PROJECT MANAGER**

James W. Covey, P.E.  
Southwest Region  
6345 American Avenue  
Portage, MI 49002  
(269) 327-4499 ext 224 office  
(269) 327-6285 fax

Any questions regarding this Scope of Service please contact the MDOT Project Manager.

**DURATION & SCHEDULE**

**A. Work Plan & Schedule**

The consultant must review the **Work Package Listing** to develop a work plan that details the process of inspecting the specific elements for each bridge listed. The Work Plan will be submitted as part of the Priced Proposal. Changes to the Work Plan will be submitted to MDOT’s Project Manager for approval.

Following is a schedule of target dates for this project:

- 1. Priced Proposal Submission: 04/05/13
- 2. Anticipated NTP: 05/23/13
- 3. Project Initiation Meeting: 05/30/13
- 4. Project Closeout Meeting 12/27/2013

The consultant must be prepared to begin the field inspection work starting on June 1, 2013.

**B. Meeting Dates**

The consultant is required to attend a Project Initiation Meeting and Progress Meetings, which will be held at the MDOT Southwest Region Office, or at a location that is mutually agreed to. The expected period for these meetings are shown below, however, these may be adjusted by MDOT.

Project Initiation Meeting: One week after NTP (before beginning any fieldwork.)

Progress Meetings: Biweekly during the Field Inspection Phase

The Project Initiation Meeting is intended to exchange information regarding the general procedures for communication, review the schedule, discuss emergency procedures and communication, and discuss any open questions that remain. Additional MDOT region and statewide staff may attend the meeting.

The consultant will keep notes of these meetings and provide minutes to the MDOT PM within one week after the meeting.

**ADDITIONAL REQUIREMENTS**

The Consultant must provide personnel with qualifications that meet or exceed the requirements below and comply with all applicable FHWA regulations. One individual may act in different capacities at different times. However, they must meet the qualifications of both jobs. This accommodation does not allow for a reduction in staff size at the site as described below.

Changes made to the Project Manager/Team Leader that occurs after the authorization must be submitted in writing for MDOT's project manager's approval. Failure to comply with this requirement may result in termination of the contract.

The Project Manager/ Team Leader will be responsible for writing the Inspection Report and will be the primary contact with MDOT's project manager.

Only one manager level position will be allowed and paid for on this project.

### **Diver Inspection Team Composition**

1. Each bridge will be inspected by a diving team composed of three (3) people in a combination of Diver(s) and Tender(s). For open water dives, the team will be composed of a diver and two (2) tenders, for penetration dives the team will be composed of two (2) divers and one (1) tender. The Consultant PM may also serve as one of the team members if properly certified. The Consultant PM will act as Team leader while in the field.

### **Diver Qualifications**

1. Certified by a national recognized authority, such as the Professional Association of Diving Instructors (PADI) or Association of Commercial Diving Educators (ACDE) in the type of diving equipment that will be used for the inspections. They must be in sound physical condition and have proof of a medical physical examination within the last twelve (12) months on file with the company.
2. Three years of documented structural inspection experience with bridges and similar structures. This experience must be actual performance of the work and not supervision or ancillary activities.
3. Be able to verbally communicate well and able to write and sketch the observations found during the inspection.
4. Completed the NHI two week class "Safety Inspection of In-Service Bridges," within the last five years. If the team leader(s) has attended this class more than five years ago, he/she must have taken the refresher course within the preceding five years.

## Diver Tender Qualifications

1. Two years of experience in assisting diver operations. This must be actual performance of the work and not supervision or ancillary activities.

### GENERAL DESCRIPTION:

#### A. SITE INSPECTION

Briefly stated, the Diver Inspection Team will go to the bridge site, enter the water with underwater breathing equipment, and physically examine (Level I) the condition of the structure under the water's surface and just above it. This inspection will be done according to NBIS and will include a topographical examination of the stream bed in and around the substructure elements and probing along the mud line for support. The Diver Inspection Team will record their observations in narrative form as well as with sketches and pictures as is appropriate.

Prior to commencing diving operations, the Diver Inspection Team will evaluate and make notes on the waterway such as bank erosion or evidence of waterway movement, debris buildup, and obstructions which may adversely affect the bridge. Any deficiencies visually observed on substructure elements above the water will be noted in the report.

Timber dolphin and fender systems on or near the bridge or in the waterway for the protection of the bridge will be inspected. The structural condition of the elements will be determined and they will be evaluated to determine if they meet the latest FHWA clearance requirements.

The elevation of the river bed relative to an established USGS datum must be measured for all structures over water. These measurements must be taken at the previous locations along the length of the bridge that is over the water and recorded on the "*Stream Cross Section Report*" form. This information must be compared to the previous data in the form of a graph. The form is set up to automatically graph the new data with the old for comparison. With the approval of the MDOT PM, the CONSULTANT may contact *Christopher Potvin, P.E., Consultant PM-Manager of the MDOT Hydraulics Unit in Design* for additional information.

Problems which could affect the continued safe operation of the bridge must be brought to the attention of the MDOT PM before the Diver Inspection Team leaves the site.

#### B. REPORT

The Diver Inspection Team will take the information and data obtained in the field and assemble it into a report for delivery to MDOT. The report will contain a written description of the conditions found at the site above and below water, contain a

statement as to the condition of the substructure elements (ie good, fair, poor), identify all deleterious conditions and an estimate of the magnitude of each, and provide photographs and sketches of the substructure element and the effected areas.

A Michigan Registered Professional Consultant PM working for the consultant will review the underwater inspection for compliance with the NBIS and CFR 650 for the thoroughness of the inspection. The report will be sealed and signed by the consultant attesting to this review.

The consultant report will contain a number of standard observations and measurements as follows:

1. Date and time of inspection.
2. Bridge Number
3. Location and name of waterway
4. Water Temperature
5. Current Water
6. Depth Turbidity
7. Type of material on the stream bed
8. Presence and condition of rip-rap or scour countermeasures
9. Extent of marine growth on substructure elements
10. Consultant PM's Name
11. Diver Inspector's Name
12. Tenders Name
13. Type of diving equipment used.

Two (2) draft copies of each report will be provided to the MDOT Project Manager. One of these will be marked up by MDOT with comments and returned to the consultant for review. A progress meeting will be held with the MDOT representatives and the consultant to review and discuss comments. The consultant will then incorporate revisions into the final reports. MDOT reserves the right to request additional drafts for review if, in the opinion of MDOT's Project Manager, the changes required are extensive. The contract will be unsatisfactory if the consultant fails to make changes to the reports as required by MDOT's Project Manager.

The consultant will submit three bound copies of the final report for each bridge. The final report will also contain one Compact Disk (CD) with electronic copies of the final report and photographs.

Streambed profile measurements will be included with each report and on the standardized forms provided on the MDOT Bridge Operations website.

The consultant will be required to recommend updated NBIS ratings for the Substructure Elements (Item 60), Channel and Channel Protection (Item 61), and Pier Protection (Item 111), as part of the deliverables. The Consultant will also be required to use the Michigan Bridge Inspection System to complete the underwater

inspection form, SI&A item 92B and include a copy of this report in the final report. This portion of the deliverables will be coordinated with the MDOT PM and completed at the time of the inspections.

The consultant deliverables will also include a written recommendation for a plan of action to monitor bridges that have a scour critical rating of 5 or below. The written recommendation will need to include 2 feasible alternatives with cost estimates to remediate the scour critical condition for the proposed rehabilitation of the structure.

### **C. EQUIPMENT**

The consultant will be responsible for providing all equipment necessary to complete the project in an efficient and safe manner. The consultant will be responsible for selecting the type of dive equipment (SCUBA, surface-supplied air, or mixed gas) that will best be suited for the work at a given site and is required to have all of the typical forms of commercial diving equipment available for the project. The boat or marine vessel used for the project must have room to accommodate MDOT staff as necessary.

The consultant must provide all of the necessary inspection tools for completion of the inspection. Typical items such as cameras, hammers, lights, message boards, and scrapers can be expected.

The consultant must provide all of the necessary personal safety equipment for each employee at the work site.

All equipment must be in sound working order, meeting applicable inspections for safe operation. Lost time due to equipment failures will not be paid for.

### **D. SAFETY**

MDOT requires safe working operations. The consultant and its employees must be trained in all the applicable state and federal regulations as well as industry practices for the work being performed. It is not the responsibility of MDOT or the MDOT PM to regulate the consultant's safety practices, however, the MDOT PM has the authority to have any individual who is found working unsafely removed from MDOT right of way. If the consultant is found to be working unsafely, the MDOT PM can stop all operations and terminate the contract.

Some, but not all, of the regulations that can be expected to apply are the latest revisions of:

1. Michigan Occupational Safety and Health Administration regulations (MIOSHA) Part 79 & Part 504, Diving Operations.
2. Occupational Safety and Health Administration regulations (OSHA) Subpart N, Commercial Diving Standards.
3. Marine Occupational Safety and Health Standards (USCG Regulations), 46 CFR 197.200-197.488 plus Appendix A, Subchapter V.
4. Consensus Standards for Commercial Diving Operations, Association of Diving Contractors, latest edition (ADC Standards)

### **EXISTING RECORDS AND DATA**

MDOT will furnish the consultant access to any available pertinent information related to the structure(s) being inspected.

Information furnished to the consultant is not to be released or distributed to any outside agency without written permission from MDOT's Project Manager.

### **CONSULTANT PAYMENT – Actual Cost Plus Fixed Fee:**

Compensation for this project shall be on an **actual cost plus fixed fee** basis. This basis of payment typically includes an estimate of labor hours by classification or employee, hourly labor rates, applied overhead, other direct costs, subconsultant costs, and applied fixed fee.

All billings for services must be directed to the Department and follow the current guidelines. The latest copy of the "Professional Engineering Service Reimbursement Guidelines for Bureau of Highways" is available on MDOT's website. This document contains instructions and forms that must be followed and used for billing. Payment may be delayed or decreased if the instructions are not followed.

Payment to the Consultant for services rendered shall not exceed the maximum amount unless an increase is approved in accordance with the contract with the Consultant. Typically, billings must be submitted within 60 days after the completion of services for the current billing. The final billing must be received within 60 days of the completion of services. Refer to your contract for your specific contract terms.

Direct expenses, if applicable, will not be paid in excess of that allowed by the Department for its own employees in accordance with the State of Michigan's Standardized Travel Regulations. Supporting documentation must be submitted with the billing for all eligible expenses on the project in accordance with the Reimbursement Guidelines. The only hours that will be considered allowable charges for this contract are those that are directly attributable to the activities of this project.

The use of overtime hours is not acceptable unless prior written approval is granted by the MDOT Region Engineer/Bureau Director and the MDOT Project Manager. Reimbursement for overtime hours that are allowed will be limited to time spent on this project in excess of forty hours per person per week. Any variations to this rule should be included in the priced proposal submitted by the Consultant and must have prior written approval by the MDOT Region Engineer/Bureau Director and the MDOT Project Manager.

The fixed fee for profit allowed for this project is 11.0% of the cost of direct labor and overhead.

**The hours billed for inspectors will not begin until the inspectors report to the project site or to the project office.**

### **GENERAL**

**Release of information:** The consultant may not release any information about the bridge or the inspection to anyone outside of MDOT. The consultant is not allowed to make copies of the information in the bridge files unless given written approval from the MDOT Project Manager.

**References and Guidelines:** The consultant is expected to be familiar with the following reference material:

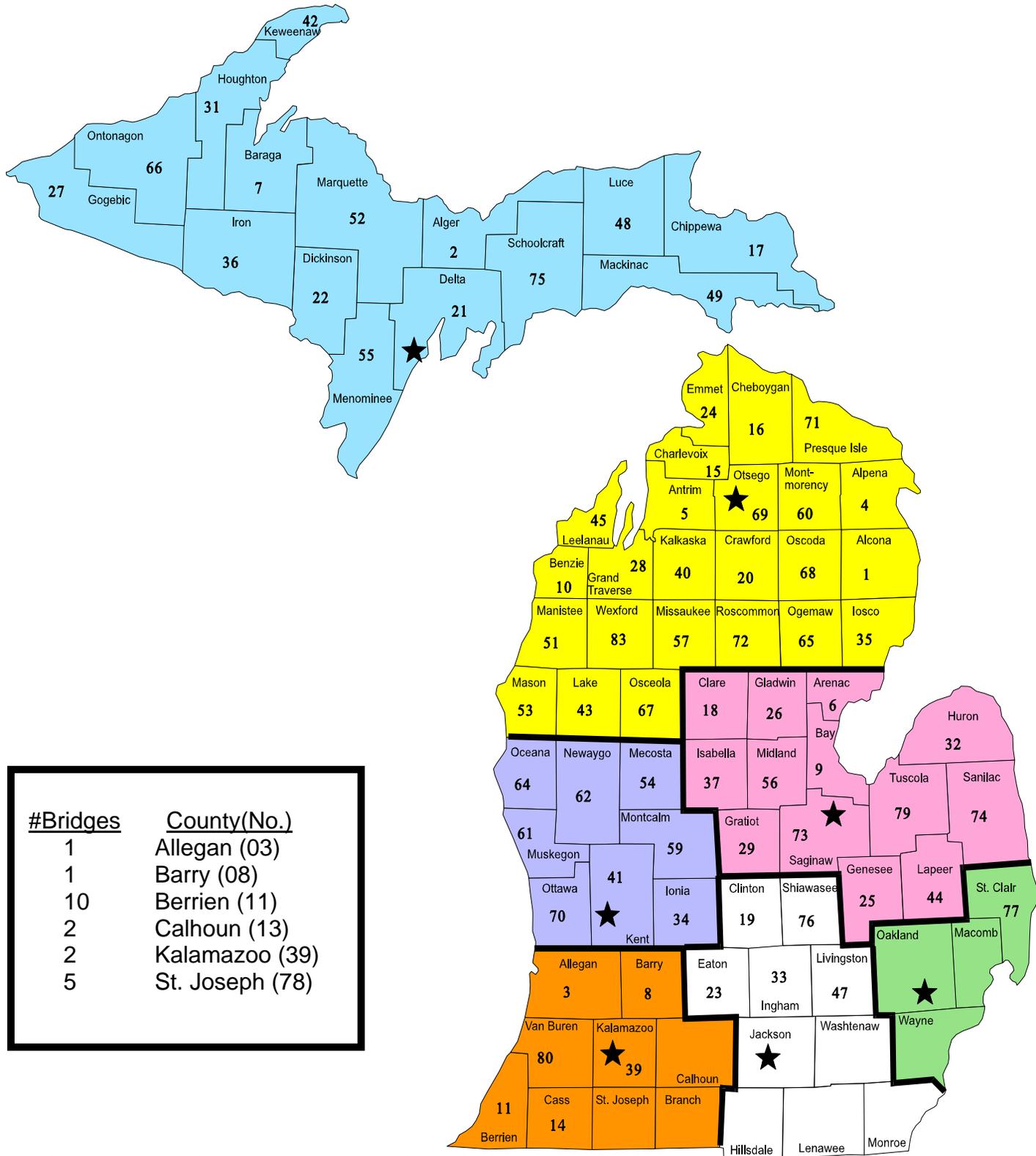
- AASHTO Publications:
  - Manual for Condition Evaluation of Bridges
  - AASHTO Manual for Maintenance Inspection of Bridges
- Federal Highway Administration (FHWA) Publications:
  - Inspection of Fracture Critical Bridge Members
- Manual on Uniform Traffic Control Devices for Streets and Highways
- National Bridge Inspection Standards (NBIS)
- Bridge Inspectors Reference Manual (BIRM)
- Underwater Inspection of Bridges

**APPENDICES**

Attachment No. 1 - Work Package Listing

**Attachment No. 1 - Work Package Listing**

<u>#Bridges</u>	<u>County(No.)</u>
1	Allegan (03)
1	Barry (08)
10	Berrien (11)
2	Calhoun (13)
2	Kalamazoo (39)
5	St. Joseph (78)



Bridge Number	Facility Carried	Feature Intersected	Bridge Location	Structure Type	Previous Underwater Inspection Date	Next Underwater Inspection Date
B02-03072	M-40	Rabbit River	In Hamilton	3 Simple Spans, Steel I beam	4/2/2009	4/2/2014
B01-08012	M-43	Thornapple River	In Hastings	3 Spans, Steel I beams	4/2/2009	4/2/2014
B01-11015-3	I-94 Eastbound	Galien River	2.5 MI NE of New Buffalo	3 Spans, Prestressed Box Beams	4/1/2009	4/1/2014
B01-11015-4	I-94 Westbound	Galien River	2.5 MI NE of New Buffalo	3 Spans, Prestressed Box Beams	4/1/2009	4/1/2014
B02-11021	US-12 BR	St. Joseph River	In Niles	4 Spans, Earth Filled Arch	8/25/2009	8/25/2014
B02-11052	US-31 BR	St. Joseph River	In Berrien Springs	4 Spans, Prestressed Concrete I Beams	4/1/2009	4/1/2014
B01-11057	US-31 Southbound	St. Joseph River	2.0 MI W of Niles	5 Spans, Continuous Steel Beams	4/30/2009	4/30/2014
B02-11057	US-31 Northbound	St. Joseph River	2.0 MI W of Niles	5 Spans, Continuous Steel Beams	4/30/2009	4/30/2014
B03-11057	US-31 Northbound	St. Joseph River	5.5 MI SW of Berrien Springs	8 Spans, Prestressed Concrete I Beams	4/7/2009	4/7/2014
B04-11057	US-31 Southbound	St. Joseph River	5.5 MI SW of Berrien Springs	8 Spans, Prestressed Concrete I Beams	4/7/2009	4/7/2014
B01-11112	US-31 Northbound	St. Joseph River	1.5 MI N of Old US-31	8 Spans, Prestressed Concrete I Beams	4/3/2009	4/3/2014
B02-11112	US-31 Southbound	St. Joseph River	1.5 MI N of Old US-31	8 Spans, Prestressed Concrete I Beams	4/3/2009	4/3/2014
B01-13013	M-37	Kalamazoo River	1.3 MI N of I-94 BL	5 Spans, Prestressed Concrete I Beams	3/29/2009	3/29/2014

Bridge Number	Facility Carried	Feature Intersected	Bridge Location	Structure Type	Previous Underwater Inspection Date	Next Underwater Inspection Date
B01-13033	I-194	Kalamazoo River	2.5 MI N of I-94	5 Spans, Steel I beams	6/18/2009	6/18/2014
B02-39042	M-96(Kings Hwy)	Kalamazoo River	0.2 MI E of Kalamazoo	3 Spans, Built-Up Steel Griders	4/7/2009	4/7/2014
B01-78011	M-103	Kalamazoo River	0.5 MI N of Indiana	2 Spans, Prestressed Concrete I Beams	4/28/2009	4/28/2014
B01-39082	M-43(E Michigan Ave)	Kalamazoo River	In Kalamazoo	5 Spans, Prestressed Box Beams	3/29/2009	3/29/2014
B01-78021	Pedestrian	St. Joseph River	0.1 MI E of Cass County	3 Spans, Concrete Camel Back Thru Girder	6/18/2009	6/18/2014
B02-78021	US-12	St. Joseph River	0.1 MI E of Cass County	3 Spans, Prestressed Box Beams	6/18/2009	6/18/2014
B01-78031	US-131	White Pigeon River	2.4 MI N of Indiana	2 Spans, Prestressed Box Beams	4/29/2009	4/29/2014
B01-78061	M-86 (Main Street)	St. Joseph River	In Three Rivers	3 Spans, Prestressed Box Beams	3/31/2009	3/31/2014