



I-94 MODERNIZATION PROJECT

Industry Meeting

February 4th, 2015



TODAY'S AGENDA



- Purpose of the Meeting
- Goals & Objectives
- I-94 Project Update
- Advanced Bridges Overview & Scope
- Contracting & Procurement Strategies
- Industry Input (Q&A)
- MDOT Recap
- Next Steps



I-94 Modernization Project Goals



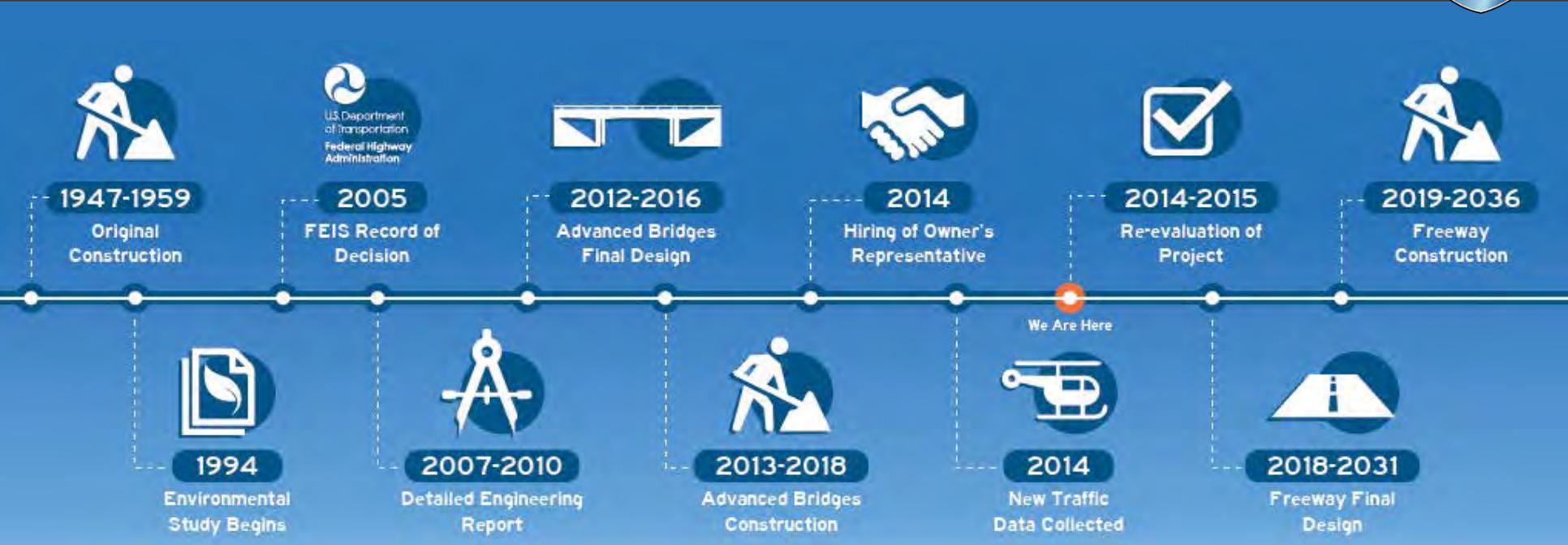
- Maintain regional mobility during construction for freight users and access to businesses and homes.
- Deliver I-94 for less than \$1.5 billion (2011 dollars)
- Deliver I-94 construction in four years
- County residents & users give MDOT 90% approval rating for performance on project before and after construction.
- Exceed workforce goals for county and city residents as defined by the community.
- Utilize contracting mechanisms to exceed stakeholder goals for Michigan businesses and DBE participation.

Advanced Bridges Goals



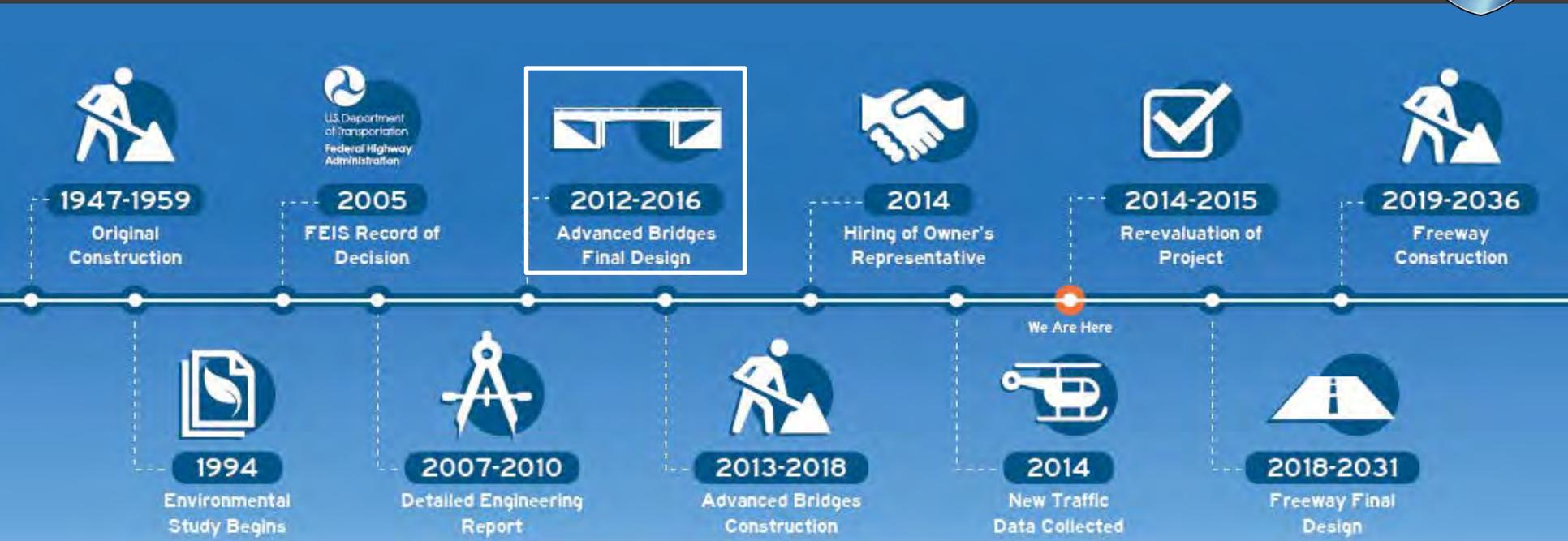
- Deliver Advanced Bridges within programmed budget.
- Deliver Advanced Bridges construction in three years (2016-2018)
- Maximize the number of contracting opportunities for prequalified consultants to compete.
- Maximize the opportunity for prequalified and non-prequalified small business consultants.
- Increase opportunity for small business engineering consultants to become prequalified and grow their technical capacity in a mentored environment.

I-94 PROJECT UPDATE



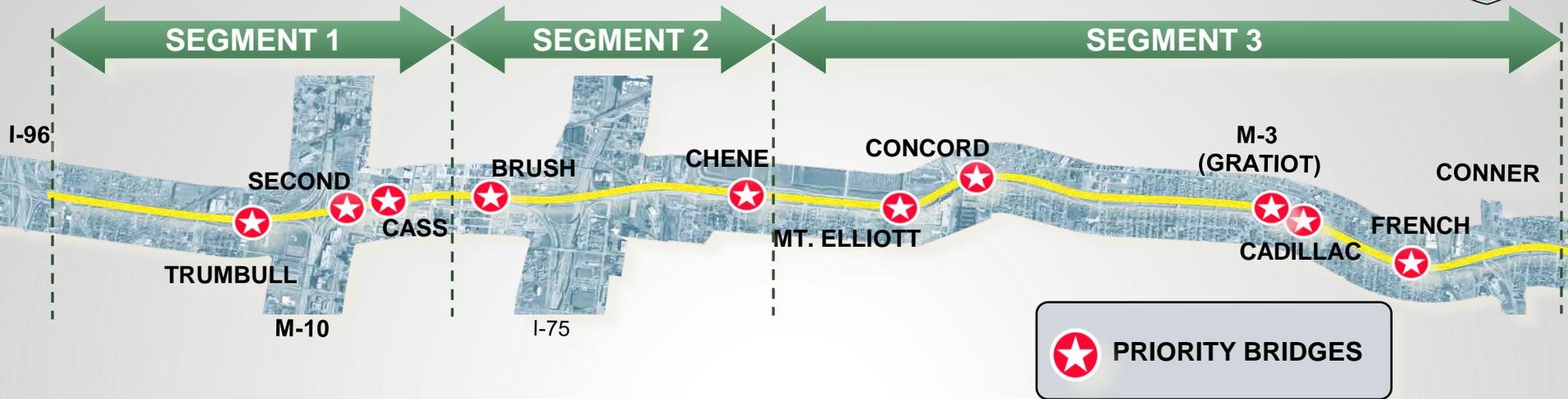
A green highway sign with a white border. On the left is the Interstate 94 shield logo. To its right, the text reads: 'MODERNIZATION PROJECT', 'Timeline and History' with an upward-pointing arrow, and 'MDOT'. At the bottom right, it says 'FEBRUARY 2015'.

I-94 PROJECT UPDATE



MODERNIZATION PROJECT
Timeline and History
MDOT
FEBRUARY 2015

ADVANCED BRIDGES OVERVIEW



Facility Carried over I-94	Programmed/ Construction Year	Condition based Rank	Year Built
Trumbull Avenue*	2015/2016	1	1954
Gratiot*	2017	9	1958
Mt. Elliott	2016/2017	3	1955
Second	2016/2017	2	1954
Cass	2016/2017	5	1955
Chene	2016/2017	6	1956
Cadillac	2017/2018	T7	1957
Brush	2017/2018	4	1955
French	2017/2018	T7	1957
Concord	2018	10	1958

* Design in progress or complete.



ADVANCED BRIDGES SCOPE (SEGMENT 1-2)



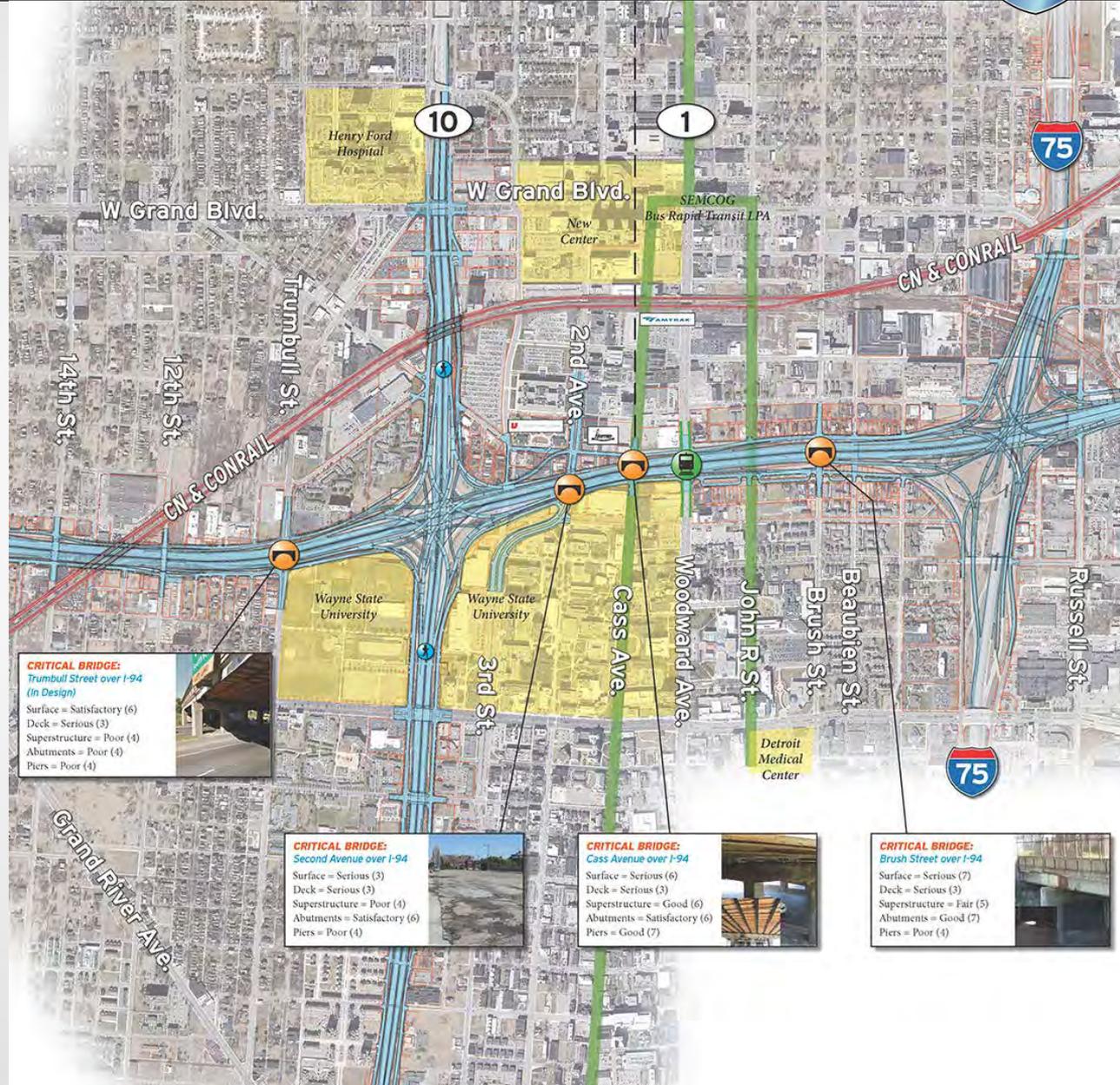
2nd Avenue over I-94
Complex Bridge Design



Cass Avenue over I-94
Complex Bridge Design



Brush Street over I-94



CRITICAL BRIDGE:
Trumbull Street over I-94
(In Design)

- Surface = Satisfactory (6)
- Deck = Serious (3)
- Superstructure = Poor (4)
- Abutments = Poor (4)
- Piers = Poor (4)

CRITICAL BRIDGE:
Second Avenue over I-94

- Surface = Serious (3)
- Deck = Serious (3)
- Superstructure = Poor (4)
- Abutments = Satisfactory (6)
- Piers = Poor (4)

CRITICAL BRIDGE:
Cass Avenue over I-94

- Surface = Serious (6)
- Deck = Serious (3)
- Superstructure = Good (6)
- Abutments = Satisfactory (6)
- Piers = Good (7)

CRITICAL BRIDGE:
Brush Street over I-94

- Surface = Serious (7)
- Deck = Serious (3)
- Superstructure = Fair (5)
- Abutments = Good (7)
- Piers = Poor (4)

ADVANCED BRIDGES SCOPE (SEGMENT 2-3)



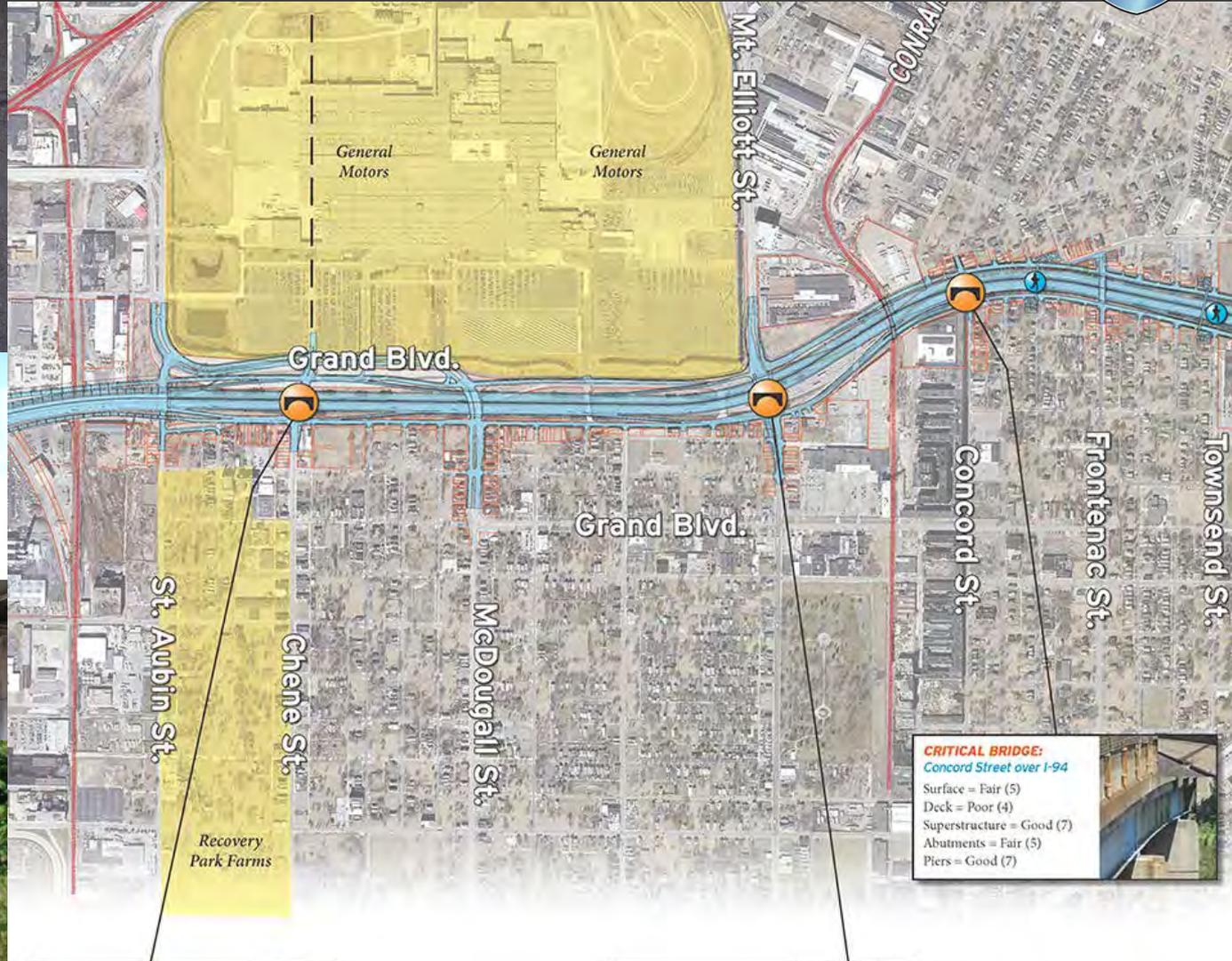
**Chene Street over I-94
Complex Bridge Design**



**Mt. Elliott Street over I-94
Complex Bridge Design**



Concord Avenue over I-94



CRITICAL BRIDGE:
Chene Street over I-94

- Surface = Poor (4)
- Deck = Serious (3)
- Superstructure = Poor (4)
- Abutments = Satisfactory (6)
- Piers = Satisfactory (6)



CRITICAL BRIDGE:
Mt. Elliott Street over I-94

- Surface = Fair (5)
- Deck = Serious (3)
- Superstructure = Fair (5)
- Abutments = Satisfactory (6)
- Piers = Serious (3)



CRITICAL BRIDGE:
Concord Street over I-94

- Surface = Fair (5)
- Deck = Poor (4)
- Superstructure = Good (7)
- Abutments = Fair (5)
- Piers = Good (7)



ADVANCED BRIDGES SCOPE (SEGMENT 3)



Gratiot Avenue over I-94



Cadillac Avenue over I-94



French Road over I-94



CRITICAL BRIDGE:
M-3 (Gratiot Avenue) over I-94
 (Design Complete)
 Surface = Fair (5)
 Deck = Serious (3)
 Superstructure = Fair (5)
 Abutments = Fair (5)
 Piers = Fair (5)



CRITICAL BRIDGE:
Cadillac Avenue over I-94
 Surface = Fair (5)
 Deck = Serious (3)
 Superstructure = Fair (5)
 Abutments = Satisfactory (6)
 Piers = Good (7)

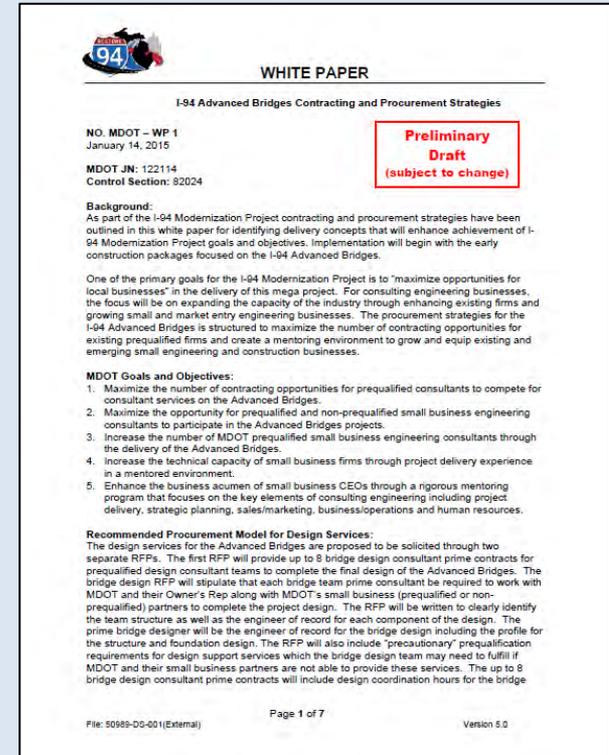


CRITICAL BRIDGE:
French Road over I-94
 Surface = Poor (4)
 Deck = Serious (3)
 Superstructure = Fair (5)
 Abutments = Good (7)
 Piers = Good (7)



Advanced Bridges Final Design RFPs

- Draft White Paper issued on 1/14/15
- Two Design RFPs:
 - Final Bridge Design (Tier III)
 - Small Business Design Support (Tier I)
- Aspirational goal for Small Businesses to complete 25% of Advanced Bridges design



CONTRACTING & PROCUREMENT STRATEGIES



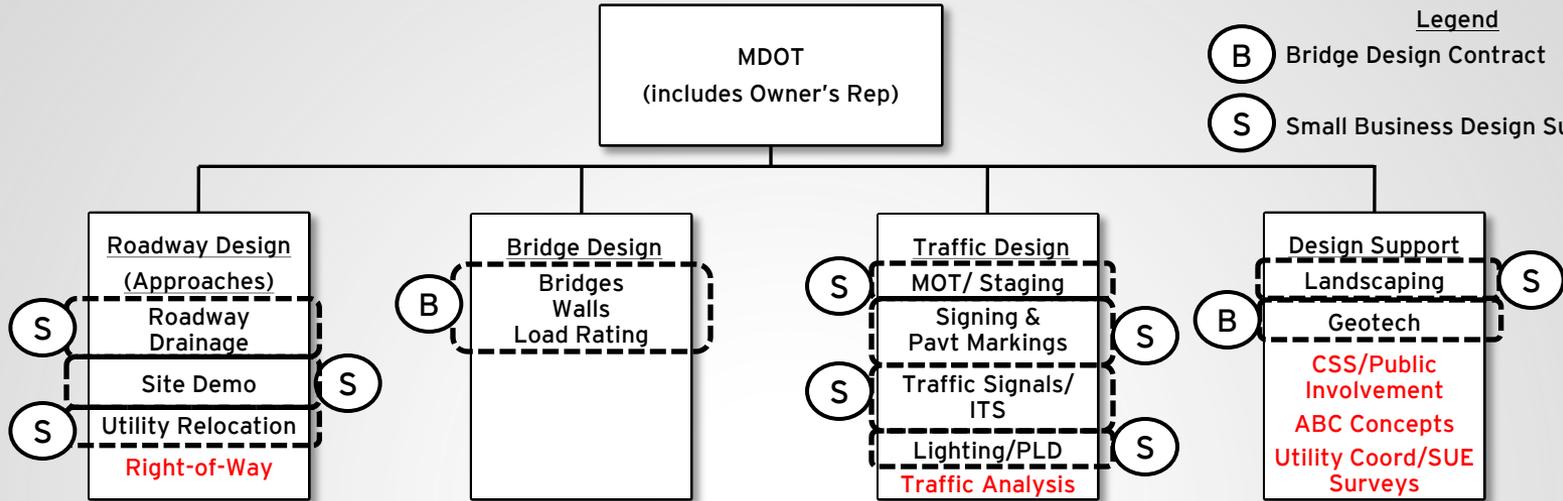
Legend



Bridge Design Contract



Small Business Design Support Contract



Prime Contracting Opportunities	Service Categories
Up to 8 Bridge Design (B) With Geotech Subconsultant	Short and Medium Span Bridges/ Complex Bridges (includes ABC PE)/ Bridge Load Rating Analysis Geotechnical Engineering Services
Up to 8 Small Business Design Support (S)	Road and Streets (Road approach)
	Maintaining Traffic Plans & Provisions/ Pavement Marking Plans
	Permanent Non-Freeway Traffic Signing Plans/ Permanent Freeway Traffic Signing Plans
	Traffic Signal Design/ITS - Design & System Manager
	Freeway Lighting (PLD relocation & Street lighting)
	Site Investigation (Site demo)
	Municipal Utilities (for public utility relocations)
Landscaping	
Up to 16 Total	

Advanced Bridges Final Design RFP Requirements

- Final Bridge Design RFP
 - Identify key staff committed to the project office at least 60% of the time worked on the project.
 - Define engagement plan for MDOT/Owner's Rep and Small Businesses.
 - Describe quality plan to support assembly of complete bridge plan package submittals.
 - Meet primary, secondary and "precautionary" prequalification requirements.
 - Identify all bridges consultant wishes to work on.



Small Business Program Eligibility

The Small Business Program (SBP) is a race and gender neutral program required by federal law.

DBEs automatically qualify for the SBP.

- DBE small business size and personal net worth is reviewed annually as a requirement of certification

Vendors must meet federal personal net worth and small business size standards.

- Personal net worth of each owner must be less than \$1.32 million.
- The maximum business size standard, including affiliate receipts, is \$23.98 million in gross receipts as averaged over the past three consecutive tax years.

To apply for MDOTs SBP, go to www.michigan.gov/mucp and select the “SBP Application” link or call 517-373-2377 and ask for a SBP application package.

Advanced Bridges Final Design RFP Requirements

- Small Business Design Support RFP
 - For Certified Small Businesses only with contracts limited to \$150k and scope defined to the budget.
 - Identify key staff committed to the project office 100% of the time worked on the project as well as the licensed engineer assigned to contract.
 - Identify which service categories the Consultant will be pursuing under this contract and how the Consultant will use this contract to create business growth opportunities.
 - Financial prequalification is required.

Financial Prequalification Requirements

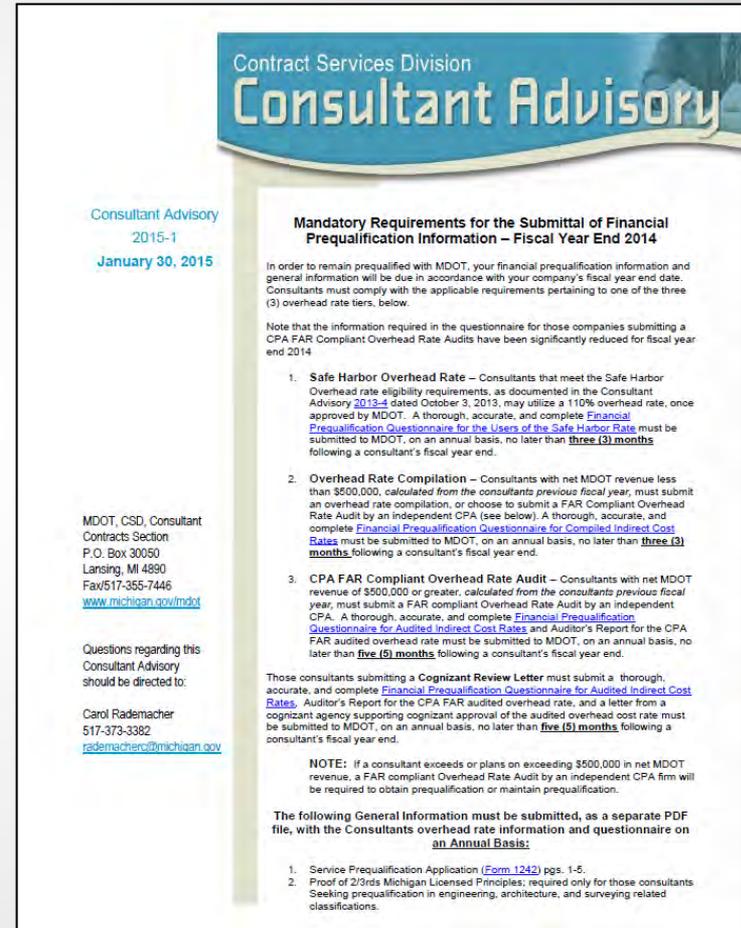
Vendors seeking financial prequalification must complete MDOT's Financial Prequalification Questionnaires and comply with applicable requirements pertaining to one of the following three overhead tiers.

- Safe Harbor Indirect Cost Rates (110% overhead rate)
- Compiled Indirect Cost Rates (MDOT revenue < \$500k)
- Audited Indirect Cost Rates (MDOT revenue > \$500k)

To apply for financial prequalification all required information must be submitted electronically to:

MDOT-ServicePrequal@Michigan.gov.

Call 517-373-3382 with questions.



Contract Services Division
Consultant Advisory

Consultant Advisory
2015-1
January 30, 2015

Mandatory Requirements for the Submittal of Financial Prequalification Information – Fiscal Year End 2014

In order to remain prequalified with MDOT, your financial prequalification information and general information will be due in accordance with your company's fiscal year end date. Consultants must comply with the applicable requirements pertaining to one of the three (3) overhead rate tiers, below.

Note that the information required in the questionnaire for those companies submitting a CPA FAR Compliant Overhead Rate Audits have been significantly reduced for fiscal year end 2014.

- 1. Safe Harbor Overhead Rate** – Consultants that meet the Safe Harbor Overhead rate eligibility requirements, as documented in the Consultant Advisory 2013-4 dated October 3, 2013, may utilize a 110% overhead rate, once approved by MDOT. A thorough, accurate, and complete [Financial Prequalification Questionnaire for the Users of the Safe Harbor Rate](#) must be submitted to MDOT, on an annual basis, no later than **three (3) months** following a consultant's fiscal year end.
- 2. Overhead Rate Compilation** – Consultants with net MDOT revenue less than \$500,000, calculated from the consultants previous fiscal year, must submit an overhead rate compilation, or choose to submit a FAR Compliant Overhead Rate Audit by an independent CPA (see below). A thorough, accurate, and complete [Financial Prequalification Questionnaire for Compiled Indirect Cost Rates](#) must be submitted to MDOT, on an annual basis, no later than **three (3) months** following a consultant's fiscal year end.
- 3. CPA FAR Compliant Overhead Rate Audit** – Consultants with net MDOT revenue of \$500,000 or greater, calculated from the consultants previous fiscal year, must submit a FAR compliant Overhead Rate Audit by an independent CPA. A thorough, accurate, and complete [Financial Prequalification Questionnaire for Audited Indirect Cost Rates](#) and Auditor's Report for the CPA FAR audited overhead rate must be submitted to MDOT, on an annual basis, no later than **five (5) months** following a consultant's fiscal year end.

Those consultants submitting a Cognizant Review Letter must submit a thorough, accurate, and complete [Financial Prequalification Questionnaire for Audited Indirect Cost Rates](#), Auditor's Report for the CPA FAR audited overhead rate, and a letter from a cognizant agency supporting cognizant approval of the audited overhead cost rate must be submitted to MDOT, on an annual basis, no later than **five (5) months** following a consultant's fiscal year end.

NOTE: If a consultant exceeds or plans on exceeding \$500,000 in net MDOT revenue, a FAR compliant Overhead Rate Audit by an independent CPA firm will be required to obtain prequalification or maintain prequalification.

The following General Information must be submitted, as a separate PDF file, with the Consultants overhead rate information and questionnaire on an **Annual Basis**:

1. Service Prequalification Application ([Form 1243](#)) pgs. 1-5.
2. Proof of 2/3rds Michigan Licensed Principals, required only for those consultants Seeking prequalification in engineering, architecture, and surveying related classifications.

MDOT, CSD, Consultant Contracts Section
P.O. Box 30050
Lansing, MI 4890
Fax/517-355-7446
www.michigan.gov/mdot

Questions regarding this Consultant Advisory should be directed to:
Carol Rademacher
517-373-3382
rademacher@michigan.gov

[Consultant Advisory 2015-1](#)

INDUSTRY INPUT – PRIOR COMMENTS



- Project office attendance and costs
- Bridge Designers knowing who will provide design support services
- Performance of Geotechnical Engineering
- Conflict of Interest
- Accelerated Bridge Construction requirements
- Prequalification assistance including Financial
- Consideration for additional design and coordination effort
- Small Business participation percentage



Additional Questions?

Advanced Bridges Goals



- Deliver Advanced Bridges within programmed budget.
- Deliver Advanced Bridges construction in three years (2016-2018)
- Maximize the number of contracting opportunities for prequalified consultants to compete.
- Maximize the opportunity for prequalified and non-prequalified small business consultants.
- Increase opportunity for small business engineering consultants to become prequalified and grow their technical capacity in a mentored environment.

NEXT STEPS



- Small Business Intent to Propose
- Financial Prequalification Workshop
- Release of Bridge Design and Small Business Design Support RFPs
- Pre-proposal Meeting at the MDOT Detroit TSC
- Posting of project information documents to MDOT website



Contact information:

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MDOT Senior Project Manager

Email: stepanski@michigan.gov

