

# MDOT ~ Innovative Contracting

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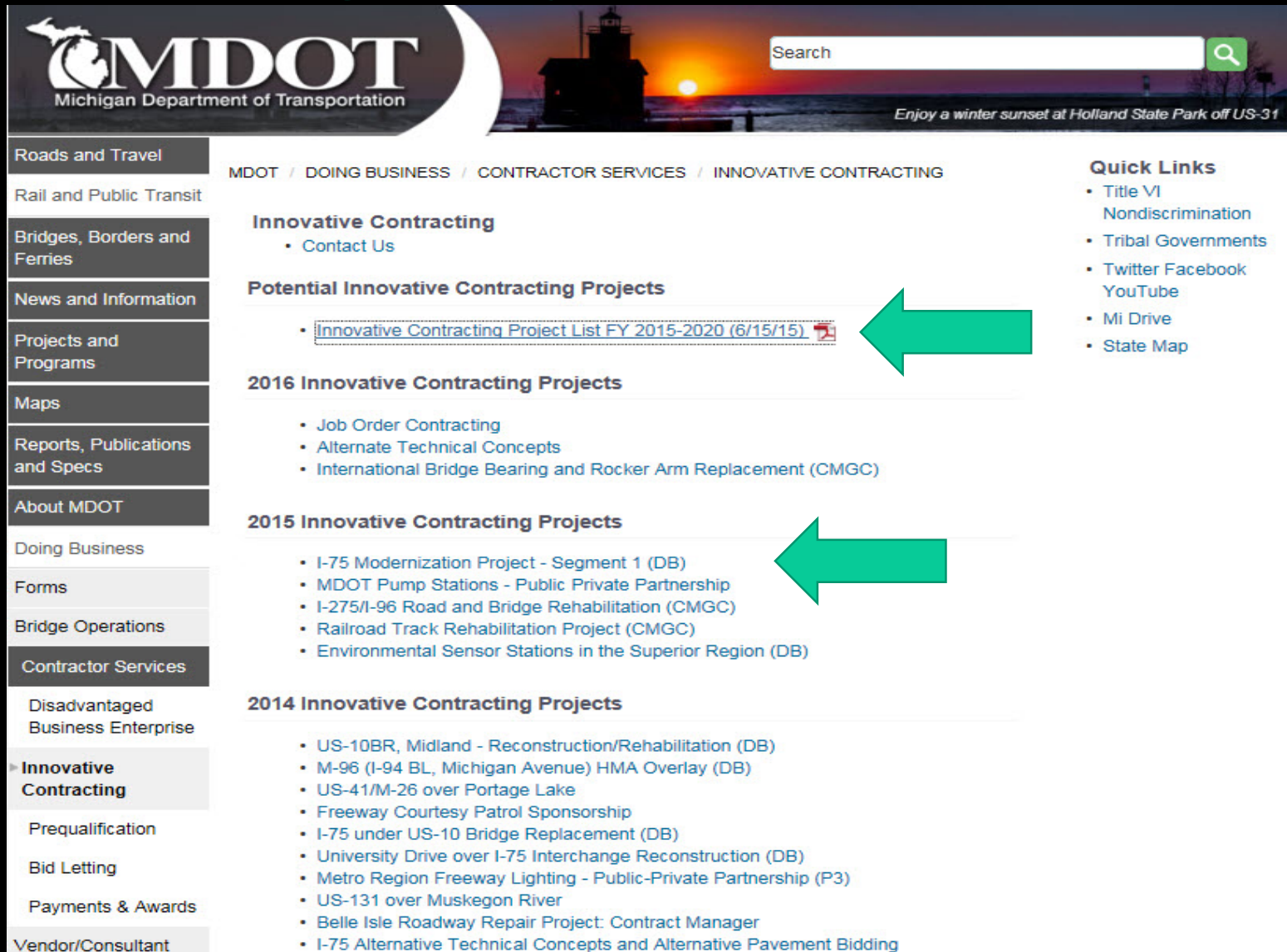
517-331-8270



# Agenda


- Where to find information
- How are projects selected
- How are risks managed during development
- Common Innovative Contracts
- Future Innovative Contracts
- Q&A

# Finding Project Information



The screenshot shows the MDOT website interface. At the top left is the MDOT logo (Michigan Department of Transportation). To the right is a search bar with a magnifying glass icon. Below the logo is a navigation menu with categories: Roads and Travel, Rail and Public Transit, Bridges, Borders and Ferries, News and Information, Projects and Programs, Maps, Reports, Publications and Specs, About MDOT, Doing Business, Forms, Bridge Operations, Contractor Services, Disadvantaged Business Enterprise, Innovative Contracting (highlighted), Prequalification, Bid Letting, Payments & Awards, and Vendor/Consultant. The main content area has a breadcrumb trail: MDOT / DOING BUSINESS / CONTRACTOR SERVICES / INNOVATIVE CONTRACTING. Below this are sections for Innovative Contracting (with a 'Contact Us' link), Potential Innovative Contracting Projects (with a link to 'Innovative Contracting Project List FY 2015-2020 (6/15/15)' highlighted by a red arrow), 2016 Innovative Contracting Projects (with a list of projects including Job Order Contracting, Alternate Technical Concepts, and International Bridge Bearing and Rocker Arm Replacement), 2015 Innovative Contracting Projects (with a list of projects including I-75 Modernization, MDOT Pump Stations, I-275/I-96 Road and Bridge Rehabilitation, Railroad Track Rehabilitation, and Environmental Sensor Stations, highlighted by a red arrow), and 2014 Innovative Contracting Projects (with a list of projects including US-10BR, M-96, US-41/M-26, Freeway Courtesy Patrol Sponsorship, I-75 under US-10 Bridge Replacement, University Drive, Metro Region Freeway Lighting, US-131, Belle Isle Roadway Repair, and I-75 Alternative Technical Concepts).

**MDOT**  
Michigan Department of Transportation

Search 

Enjoy a winter sunset at Holland State Park off US-31

**Roads and Travel**

Rail and Public Transit

Bridges, Borders and Ferries

News and Information

Projects and Programs

Maps

Reports, Publications and Specs

About MDOT

Doing Business

Forms

Bridge Operations

**Contractor Services**

Disadvantaged Business Enterprise

**Innovative Contracting**

Prequalification

Bid Letting

Payments & Awards


Vendor/Consultant

MDOT / DOING BUSINESS / CONTRACTOR SERVICES / INNOVATIVE CONTRACTING

**Innovative Contracting**

- [Contact Us](#)

**Potential Innovative Contracting Projects**

- [Innovative Contracting Project List FY 2015-2020 \(6/15/15\)](#) 

**2016 Innovative Contracting Projects**

- [Job Order Contracting](#)
- [Alternate Technical Concepts](#)
- [International Bridge Bearing and Rocker Arm Replacement \(CMGC\)](#)

**2015 Innovative Contracting Projects**

- [I-75 Modernization Project - Segment 1 \(DB\)](#)
- [MDOT Pump Stations - Public Private Partnership](#)
- [I-275/I-96 Road and Bridge Rehabilitation \(CMGC\)](#)
- [Railroad Track Rehabilitation Project \(CMGC\)](#)
- [Environmental Sensor Stations in the Superior Region \(DB\)](#)

**2014 Innovative Contracting Projects**

- [US-10BR, Midland - Reconstruction/Rehabilitation \(DB\)](#)
- [M-96 \(I-94 BL, Michigan Avenue\) HMA Overlay \(DB\)](#)
- [US-41/M-26 over Portage Lake](#)
- [Freeway Courtesy Patrol Sponsorship](#)
- [I-75 under US-10 Bridge Replacement \(DB\)](#)
- [University Drive over I-75 Interchange Reconstruction \(DB\)](#)
- [Metro Region Freeway Lighting - Public-Private Partnership \(P3\)](#)
- [US-131 over Muskegon River](#)
- [Belle Isle Roadway Repair Project: Contract Manager](#)
- [I-75 Alternative Technical Concepts and Alternative Pavement Bidding](#)

**Quick Links**

- [Title VI Nondiscrimination](#)
- [Tribal Governments](#)
- [Twitter Facebook YouTube](#)
- [Mi Drive](#)
- [State Map](#)

# Finding Project Information

The screenshot shows the MDOT website interface. At the top right, there are navigation links: MDOT Home, Contact MDOT, FAQ, Sitemap, and MI.gov. Below these is a search bar with a magnifying glass icon. The main header features the MDOT logo and a scenic image of a lighthouse at sunset with the text "Enjoy a winter sunset at Holland State Park off US-31".

On the left side, there is a vertical navigation menu with the following items: Roads and Travel, Rail and Public Transit, Bridges, Borders and Ferries, News and Information, Projects and Programs, Maps, Reports, Publications and Specs, About MDOT, Doing Business, Forms, Bridge Operations, and Contractor Services.

The main content area displays a breadcrumb trail: MDOT / DOING BUSINESS / CONTRACTOR SERVICES / INNOVATIVE CONTRACTING. Below this, the primary heading is "I-75 Modernization Project - Segment 1 (DB)" with a green arrow pointing to it. Underneath, it lists "Agency: Transportation".

A list of links follows, including "I-75 Modernization Project Segment 1 - Short List of Teams" (highlighted in red), "Updated Schedule", "I-75 Modernization Segment 1 - Project Information Sheet", "I-75 Modernization Segment 1 - Project Information Sheet - Revision 1", "I-75 Modernization Segment 1 - Project Information Sheet - Revision 2", "I-75 Modernization Project (Segment 1) - Request for Qualifications", "I-75 Modernization Project - Segment 1 Q&A #1", "I-75 Modernization Segment One RFQ - Addendum #1", "I-75 Modernization Segment One RFQ - Addendum #2", and "I-75 Modernization Project - Segment 1 Q&A #2".

On the right side, there is a "Related Content" section with a list of links: "MDOT Pump Stations - Public Private Partnership", "I-275/I-96 Road and Bridge Rehabilitation (CMGC)", "Railroad Track Rehabilitation Project (CMGC)", and "Environmental Sensor Stations in the Superior Region (DB)".



# Finding Project Information

File Edit View Favorites Tools Help

MDOT Department of Transportation Michigan.gov

Michigan.gov Home MDOT Home | MDOT Sitemag | Contact MDOT | MDOT FAQs

## MDOT Bid Letting - May 18, 2016

Lettings	Bid Information	Contractor Announcements
May 18, 2016 April 13, 2016 April 1, 2016 March 11, 2016 March 9, 2016 March 4, 2016 February 10, 2016 February 5, 2016 January 8, 2016 December 4, 2015 November 6, 2015 October 7, 2015 October 2, 2015	Advertisements : <a href="#">PDF</a> Download Project Plans/Proposals & Addenda : <b>Sign-in</b> Registered Print Vendors : <a href="#">PDF</a> Warranty Information : N/A Addendums Issued Listing : <a href="#">PDF</a> Schedule of Pay Items : <a href="#">PDF</a> Eligible Bidders : <a href="#">PDF</a> Planholders : <a href="#">PDF</a> Expedite Bid Files : <a href="#">EBL</a> <small>(The EBL file contains all project EBS files for use with Expedite Bid®. Includes pay items and addenda)</small> <a href="#">Download FREE Expedite Software</a>	<a href="#">GHIB Residential Property Demolition - Request for Qualifications</a> <a href="#">Alternate Bid Instructions Item 1605 701</a> <a href="#">REVISED ProjectWise Contract Document Transmittal</a> <a href="#">Cargo Preference Act Requirements Added to FHWA-1273</a> <a href="#">DBE Supplier Changes</a> <a href="#">DBE Goal at Time of Bid</a>

**Design Build RFP's, ATC and FPVS Projects Typically Advertised On Traditional Bidding Site**

**Location of Special & RFQ Announcements**

# Project Selection

- Call For Projects
- Innovative Contracting Committee
  - MDOT staff and FHWA
- Engineering Operations Committee
- Director's Approval (CMGC)
- SEP-14
- MITA/ACEC Notification
- Development of Contract Documents

# Risks & Allocation

- Project Risks must be identified and allocated to specific parties in the contract
  - Identify the probability of each risk
  - Identify the cost associated with each risk
  - Identify who is responsible for each risk in the contract language



# Design-Build

- Types of Projects
  - Road and Bridge Reconstruction
  - ITS Systems
  - Bike Path Construction
  - Quick Procurement needed (ARRA, Court Ordered)
  - Emergency Response





# CMGC

Recommended for following conditions:

- High levels of project risk needs to be mitigated
- Traditional means and methods may not apply
- Projects that are technically complex
- Input is needed on constructability, means & methods, and non-standard costs
- Have challenging schedules
- A high level of construction staging/phasing may be appropriate
- Significant Public Involvement



# FPVS



- More infrastructure needs than the available budget
- Goal: To maximize the amount of work that can be completed within the budgeted funds
- We have three different types of FPVS contracting methods
  - Type 1 – Maximum Amount of Work
  - Type 2 – Maximum Amount of Work, with Price
  - Type 3 – Traditional Bid, Managed Budget



# ATC's

- **Alternate Technical Concepts (ATC's)**
  - A means to incorporate a Bidders concepts and innovations that provide equal or greater value into the bidding process.
  - Currently only being used for Maintenance of Traffic
  - Longer Advertisement – to develop, submit and receive approved ATC's



# Other Areas of Interest

- Alternate Pavement Bidding (APB)
- Job Order Contracting
- Public-Private Partnerships





# Questions?

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