

I-75 Modernization Project: Segment 2

North of Coolidge to North of 13 Mile Road: Design-Build

CS 63174

Revisions are highlighted in red text

The Michigan Department of Transportation (MDOT) intends on using a Design-Build (D/B) contracting method to construct the second segment of the I-75 Modernization Project. Segment 2 is located north of Coolidge Road to north of 13 Mile Road in the Cities of Troy and Madison Heights, Oakland County, and is approximately 8.5 miles in length.

Segment 2 will include the addition of a HOV/general purpose lane, reconstruction of the existing freeway lanes, reconstruction of interchanges, replacement/rehabilitation of 18 structures (14 Mile Road, 15 Mile Road, Rochester Road, Livernois Avenue, Big Beaver Road, CD over Big Beaver Road, Long Lake Road, Crooks Road, Coolidge Road), constructing drainage improvements, ITS upgrades and incorporating community developed aesthetic improvements.

The structures to be replaced include:

- S05-1 – NB I-75 over 14 Mile Road
- S05-2 – SB I-75 over 14 Mile Road
- S21-1 – NB I-75 over 15 Mile Road
- S21-2 – SB I-75 over 15 Mile Road
- S06-1 – NB I-75 over M-150/Rochester Road
- S06-2 – SB I-75 over M-150/Rochester Road
- S08-1 – NB I-75 over Livernois Avenue
- S08-2 – SB I-75 over Livernois Avenue
- S09-1 – NB I-75 over Big Beaver Road
- S09-2 – SB I-75 over Big Beaver Road
- S09-5 – NB I-75 CD Ramp over Big Beaver Road
- S09-6 – SB I-75 CD Ramp over Big Beaver Road
- S10 – Wattles Road over I-75
- S11-1 – NB I-75 over Long Lake Road
- S11-2 – SB I-75 over Long Lake Road
- S12 – Corporate Drive over I-75 (Crooks Road)
- S14-1 – NB I-75 over Coolidge Road
- S14-2 – SB I-75 over Coolidge Road

It is expected that two lanes of traffic will remain open in each direction during construction.

The figure below shows the D/B construction limits of Segment 2.



The anticipated schedule is listed below, draft & subject to change:

September 2017:	Issue Request for Qualifications (RFQ)
Early November 2017:	Statement of Qualifications (SOQ) due
Mid to late Nov. 2017:	Notification of short-listed submitters
January 2018:	Issue Request for Proposals (RFP)
May 2018:	Technical and priced proposals due
June 2018:	Anticipated contract award

The anticipated Request for Qualifications and prequalification requirements are listed below and are subject to change.

Anticipated construction prequalification requirements:

- Combo/Jt 351300 B, Ea
OR
- Combo/Jt 351300 B, Fa
OR
- Combo/Jt 351300 Ea, Fa

Anticipated lead engineering design firm prequalification requirements:

- **Design-Roadway: Complex**
- Design-Bridges: Complex

Anticipated secondary design firm prequalification requirements include:

- Design-Bridges: Load Rating
- Design Geotechnical: Advanced
- Design-Traffic: Work Zone Maintenance of Traffic
- Design-Traffic: Work Zone Mobility & Safety
- Surveying: Road Design
- Surveying: Structure
- Design-Utilities: Municipal
- Design-Utilities: Roadway Lighting
- Design-Traffic: Capacity & Geometric Analysis
- Design-Traffic: Pavement Markings
- Design-Traffic: Signing - Freeway
- Design-Traffic: Signing – Non Freeway
- Design-Traffic: Signal
- Design-Traffic: Signal Operations-Complex
- Design-Hydraulics II
- Design-Traffic: ITS-Design & System Manager

Additional pre-qualifications may be included in the RFQ or RFP.

The MDOT contacts are as follows:

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