

MDOT I-75 Concrete Inlay Scope Summary: Update #3

Project Limits: I-75 Concrete Inlay from South of Springwells Street to North of Clark Street, in the City of Detroit, Wayne County, CS 82194, JN 113717 and 130783
I-75 ITS Infrastructure Construction from West Road to US-12, including a portion of US-12, in the Cities of Detroit, Melvindale, Lincoln Park, Southgate, Taylor, Woodhaven & Brownstown Twp, Wayne County, CS 82194, 82124 and 82191, JN 120424

Anticipated Schedule: July 2017 Letting (Subject to change) with Construction in 2017-2018

Update #1 Information:

Preliminary plans have been placed in ProjectWise at the following [Preliminary Plans - Open to Public](#). These plans are provided for information only and are subject to change. If you are unable to access the plans in ProjectWise, please contact Carrie Warren at warrenc1@michigan.gov.

Update #2 Information:

Drainage information and updated preliminary plans been placed in ProjectWise in the following folder: [Preliminary Plans - Open to Public](#). These plans are provided for information only and are subject to change. If you are unable to access the plans in ProjectWise, please contact Carrie Warren at warrenc1@michigan.gov.

Update #3 Information

Final Plans and the Final Survey Portfolio will be provided on MDOT's letting site on approximately June 5 at the following link: <http://mdotjboss.state.mi.us/BidLetting/BidLettingHome.htm>

Instructions for accessing the MDOT Bid Site are as follows:

1. Click on the "sign-in" box after MDOT eProposal in the top-center of the page.
2. If you are a new user, click on "new user registration" on the left side of the page to sign up for a user name (email address) and password.
3. Once registered, return to step #1 and enter your email address and password to sign into eProposal.
4. Once you are in the eProposal site, select the desired letting from the lettings list on the left side of the page.
5. In the pull down box at the top-center of this page, select item number and hit return
6. From this page you will be able to pull up the bidding proposal and any addenda

General

The Michigan Department of Transportation (MDOT) is replacing mainline pavement along I-75 and installing ITS infrastructure within the above limits. Due to deteriorating pavement condition, and a desire to make use of the southbound I-75 detour which is required for reconstruction of the Rouge River bridge, MDOT will replace the mainline pavement along with shoulder repairs on both sides of the freeway from just south of Springwells Street to just north of Clark Street.

To avoid future required removal and replacement of the mainline pavement for construction of Gordie Howe International Bridge (GHIB) infrastructure, MDOT is also constructing certain utility relocations which will be required for construction of the future I-75 widening.

The Project Scope Includes:

Design

- Design for removal of existing pavement and open graded drainage course (OGDC) and placement of new OGDC and concrete inlay.
- Design for replacement of shoulders in median and on outsides of I-75 as required to facilitate the concrete inlay
- Final approved design for the relocation of trunkline combined Detroit Water and Sewerage Department (DWSD) and Great Lakes Water Authority (GLWA) sewers crossing I-75 to facilitate future widening.
- Final approved design for the relocation of mainline I-75 storm sewer and upsizing to account for future widening, along with in-line and underground detention.
- Cleaning and inspection of trunkline combined sewers from I-75 to W. Jefferson Avenue.
- PACS and PSI's (where required) for required remediation along mainline I-75.
- Geotechnical investigations for sewer relocations and ITS installations.
- LIDAR survey of mainline I-75.
- Design for extension of watermains crossing I-75 to facilitate future widening.
- Design for ITS installations both north and south of the inlay limits, including installation of conduits to facilitate ITS work being installed with the GHIB project.

Construction

- Mainline pavement and OGDC removal and new OGDC with a concrete inlay placed within the project limits.
- Relocation (lowering) of eight DWSD and GLWA combined sewer trunklines crossing I-75. Inlay project will be limited to the placement of parallel lines under I-75 which will be capped for future extension and re-connection by the GHIB Project.
- Reconstruction of mainline shoulders as necessary based on condition.
- Reconstruction of I-75 storm sewer as required by relocation of combined sewers. Includes replacement of cross leads and installation of in-line and underground detention which will be required for accommodation of expanded roadbed and additional flows coming from the GHIB project infrastructure.
- Relocation (lowering) of water main crossings of I-75 to connect to existing water main in the northbound and southbound Service Drives.
- Construction of temporary crossover north of Clark Street to facilitate traffic switches through the construction zone. Will be left in place for GHIB work.
- The existing crossover north of Springwells (constructed with the Rouge Bridge project) will be utilized for the inlay project and will be left in place for the GHIB contractor.
- Construction of ITS infrastructure within the above limits including installation of conduits under I-75 to facilitate ITS work being installed with the GHIB project.
- Coordination with private utilities performing relocations will be required.