



# Monthly Construction Project Status Report

Department of Engineering and Public Services

## December 2, 2019

### 1. **2016-19 SUBSTANTIALLY COMPLETED BUT OPEN CONTRACTS:**

The following contracts are completed except for either paperwork or minor items, and will be closed out when the following are completed:

- North Monroe Street Streetscape (2016 - Century Cement) - the construction contract has been closed out, but the City must still request reimbursement of the DTE lighting invoices before the project can be closed out.
- 2017 Sanitary Sewer Rehabilitation Program (2017 - Inland Waters) - all work is completed and we are still waiting for final waivers of lien to close out the contract.
- 2018 Underground Utility Program (2018 - Lawrence M. Clark) - all work is completed, and we are still waiting for final waivers of lien and agreement on final quantities to close out the contract.
- 2018 Curb Replacement and Resurfacing Program (2018- Al's Asphalt Paving) - all work is completed, though they are willing to perform some additional patching work this week and next if temperatures allow. Once completed, the contract can be closed out once we obtain waivers of lien.
- Fire Station #1 Replacement (2018 - Auch Construction) - the station is now operational and in use, and some minor items remain before final payment will be made to the construction manager, which is expected this month.
- North Custer Road Resurfacing (2019 - Gerken Paving) - all work has been completed except final paperwork, and likely some restoration touch-ups in the spring.
- 2019 Bituminous Pavement Maintenance Program (2019 - Highway Maintenance) - all work has been completed for the year, though some monies are still available within the contract, so we will likely hold the contract open for spring 2020 work.

### 2. **2018-19 SANITARY SEWER REHABILITATION PROGRAM:**

This contract includes work to reline numerous sanitary sewers and rehabilitate manholes in seven (7) locations. The contractor, Corby Energy Services of Belleville, completed lining work in 2018 at all but one location (West Fifth Street), which required significant root cutting and thus was postponed until this year. City Council authorized an extension of the contract for 2019 work at their September 3 meeting. 2019 locations include Stockton Drive, Stanford Drive, Standish Drive, Sylvan Drive, and Sackett Avenue, as well as one (1) manhole rehabilitation on Arbor Avenue. The contractor has performed the initial cleaning and televising, and plans to start lining work this week or next.

### 3. **DPS BUILDING ROOF REHABILITATION:**

This project has rehabilitated roughly a half acre of the roof at the Public Services Department building on Jones Avenue, and was completed last month by contractor Royal-West Roofing of Brighton. Due to some additional leakage found over the maintenance garage, a change order for additional work was approved on October 7 by the City Council. It was hoped that this work could occur this fall, but due to temperature limitations it appears the additional work will have to occur in spring 2020.

4. **LABOR PARK IMPROVEMENTS:**

This project includes a complete re-design and expansion of Labor Park and the surrounding City-owned properties including the Navarre Library and Arthur Lesow Community Center. As a result of a professional services selection process in 2017, Russell Design of Northville was chosen as the City's architect for this project. The Engineering Department will be assisting the consultant as necessary with infrastructure design review, bidding, and overall contract management. Bids were opened on September 30, and a construction contract with Zeiler Excavating of Temperance was approved at the October 21 City Council meeting. Separate purchase agreements for play equipment, a water feature, and a pavilion structure were also approved on October 21, with one remaining agreement for street light work with DTE Energy remaining to be approved once prepared. The pre-construction meeting was held October 29, and the contractor performed some very basic preparatory work activities before halting work for the season. The final completion date is October 3, 2020.

5. **BUILDING DEMOLITION ASSISTANCE:**

Due to the growing number of properties that the City is acquiring for the Heritage Corridor Plan, through various grant programs, the Engineering Department has been asked to serve as the lead department in coordination of demolition activities. These include securing of the properties, asbestos assessment and abatement, demolition of the structures, and other associated work. Two (2) different contracts for demolition were awarded to Salenbien Trucking & Excavating and Homrich in 2018, and 32 total properties have been demolished. Both contracts are now completed and closed. The Engineering Department will continue to assemble additional structures as they are purchased into one or more reasonably-sized demolition contracts that will be bid in 2020 with the exact date and number based on available grant funding and timing of acquisitions. Demolition of the water plant coagulation building may also be included in the package, as specifications are nearing completion.

6. **WEST FRONT STREET RESURFACING - TELEGRAPH TO HARRISON:**

This was our 2019 Federal Aid project, which also advanced our 2020 Federal Aid funding as well. The contractor, C & D Hughes of Charlotte, has completed all major work activities, but the contract will need to be held over through the spring as a second application of pavement markings and a few other minor items need to be completed. Since this is an MDOT contract, closeout will last well into 2020 due their lengthy close-out procedures.

7. **WALNUT STREET AREA GROUNDWATER AND DRAINAGE STUDY:**

Over the past several years, residents along the south side of Walnut Street have expressed serious concerns over rear yard flooding and standing water. To assist in determining the cause of regular standing water, the City Council authorized the Engineering Department to secure proposals for groundwater and surface runoff modeling from consulting firms. We are working with TTL Associates of Plymouth in the study, which has lasted for the past year due to the need to review seasonal fluctuations. They have completed data collection and will be working on the final report for the next month or two.

8. **ONE-WAY TO TWO-WAY CONVERSION STUDY:**

Conversion on both West Seventh and West Eighth Streets to two-way traffic was completed on November 20, and we have not yet received any major operating complaints or major items that require major changes. This will be reviewed again in one year by the City Council for permanency. Last report.

9. **2019 UNDERGROUND UTILITY AND RESURFACING PROGRAM:**

The contract, Zeiler Excavating of Temperance, has completed all underground utility installation, paving, and other major activities for all five (5) work locations, though they are still working on cleanup and minor punch list items for the next week or two and will likely have restoration touch-up work in the spring. We have asked them to complete two (2) more isolated small work activities, which they plan to do this month. These include a large roadway panel settlement on East Front Street between Conant and I-75, and a sinkhole at the intersection of East Fourth and Navarre. Due to our satisfaction with the contractor's work and the fact that they were the lone bidder on a contract of over \$4 million, we may request that Council award a change order to them for early 2020 season work, particularly where it is time-critical and especially where it impacts later season roadway work.

10. **ALLEY RECONSTRUCTION - ALLEY EAST OF MONROE, BETWEEN FIRST AND THIRD:**

Both of these blocks of alley are being considered for full reconstruction, due to their condition and installation work for new gas mains in some areas. Resolution 1, which authorizes the Engineering Department to begin design should some of the costs be special assessed, was approved for both locations by the City Council in 2018, but it is unclear whether or not any special assessments will be imposed in these locations. Hennessey Engineers of Southgate performed the topographic survey work, and the Engineering Department is working on the design plans at present. These locations will likely be included in the overall 2020 Concrete Paving Program contract.

11. **TOLL STREET RECONSTRUCTION - LORAIN TO ROESSLER:**

Survey work for this 2020 project was completed by The Mannik and Smith Group, and Engineering staff is nearing completion on the roadway design. We plan to install storm sewer leads to each property as a part of the project in keeping with the overall Saint Mary's Gardens Subdivision area storm sewer and detention project. We have asked the Spicer Group, who is performing the overall study, to provide an expedited review of the existing storm sewer sizing so that this project can be bid during the winter for spring construction. It is expected that no major storm sewer changes will be needed in this location. This project will be likely combined with concrete reconstruction projects on Calkins Street, West Lorain Street, and Harrison Street and two (2) downtown alleys for bidding, provided all are approved as a part of the 2020-21 Capital Improvements Program as expected.

12. **SAINT MARY'S GARDENS SUBDIVISION STORM SEWER UPGRADES:**

This project was identified as a major long-term need due to a storm sewer system that is undersized in some areas and completely lacking on some streets in the area. Conceptual options were prepared by the Spicer Group in 2015, and a proposal for design activities was approved by the City Council on September 16, with a goal of completing design in 2020 for late 2020 or early 2021 construction. The Wastewater Department has also entered into an agreement with FTCH for additional monitoring, evaluation, and inspection of this subarea with respect to the collection system. A design kickoff meeting with City staff and the City's wastewater consultant was held November 21 to coordinate scoping of the project, which will also include identification of homes with clear water discharges to the sanitary sewer. FTCH is planning to smoke test this area December 4 and 5, and design on the storm elements will continue throughout the winter.

13. **INTERSTATE 75 INTERCHANGE STUDY:**

OHM Advisors of Livonia has been assisting the City with preliminary engineering and evaluation of alternative concepts for major improvements to and / or consolidation of Exits 13 (Front Street) and 14 (Elm Avenue) to facilitate safer and more functional access to I-75 by large trucks serving the industrial area and provide for better gateway access to downtown by visitors. The Economic Development Coordinator is leading the process on behalf of the City, but the Engineering Department is assisting with review of concepts and meeting with MDOT. The next phase of the study, a more complete review of environmental and other impacts, is expected to be awarded by the City Council to OHM within the next few months. Construction of any improvements is not expected to occur for several years due to required Federal and state lead times, and a preferred alternative has not yet been solidified.

14. **FORMER LA-Z-BOY HEADQUARTERS REDEVELOPMENT:**

The City has acquired the property including the former headquarters of La-Z-Boy Chair Company on Telegraph Road, and will be managing the demolition of the buildings and eventual construction of a mixed use development. The Engineering Department prepared the original conceptual estimates, and will be overseeing the design contract, which was awarded the Mannik and Smith Group of Frenchtown Township at the November 18 City Council meeting. The Engineering Department will also be handling the bidding process for both the demolition contract and the infrastructure installation, and will inspect the infrastructure work directly as well. Demolition specifications are currently being prepared by AKT, and bids are planned for advertisement on January 7. Infrastructure design is expected to be completed in mid-February, with bids expected to be awarded by early April.

*Prepared by: Patrick M. Lewis, P.E., Director of Engineering and Public Services*