



Monthly Construction Project Status Report

Department of Engineering and Public Services

February 7, 2020

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. The contractor has been largely non-responsive to date.
- 2018 Curb Replacement and Resurfacing Program (2018- Al's Asphalt Paving) - all work is completed, though we need to leave the contract open until some defective areas from the 2017 North Macomb project are addressed.
- 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 shortly.
- North Custer Road Resurfacing (2019 - Gerken Paving) - all work has been completed except some restoration touch-ups that will be needed in the spring.
- 2019 Bituminous Pavement Maintenance Program (2019 - Highway Maintenance) - all work has been completed for the 2019 work, though some monies are still available within the contract, so we will likely hold the contract open for spring 2020 work.
- DPS Building Roof Rehabilitation (2019 - Royal-West Roofing) - all work has been completed and we are working on paperwork to close out the contract.

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

This contract with Corby Energy Services of Belleville includes work to reline numerous sanitary sewers and rehabilitate manholes in various locations, and the original 2018 contract was extended for 2019 work, which is still underway. One 2018 location (West Fifth Street), required significant root cutting and we are still discussing strategies with the contractor to complete this location. 2019 locations include Stockton Drive, Stanford Drive, Standish Drive, Sylvan Drive, and Sackett Avenue, as well as one (1) manhole rehabilitation on Arbor Avenue. All lining work has been completed on the 2019 streets except Sackett, and the contractor is finishing manhole rehabilitation on those locations this week. Remaining work is expected to occur this month.

3. **WALNUT STREET AREA GROUDWATER 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 TTL Associates of Plymouth to perform a groundwater modeling study and survey the area in question. The draft report has been provided to the Engineering Department and will be presented to the City Council in closed session this month.

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, likely at the February 18 meeting. 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, and the contractor tentatively plans to begin in mid-March.

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) contracts have already been completed in 2018 and 2019, and 32 total properties have been demolished. 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 will also be included in one of the bid packages, 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 the spring due their lengthy close-out procedures.

7. **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) major work locations as well as some small add-ons that were completed in December. 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.

8. **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. 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.

9. **TOLL STREET RECONSTRUCTION - LORAIN TO ROESSLER:**
Design work for this project has been completed and is under-going final review. 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, and will be upgrading a few sections of main line storm sewer to a larger diameter. 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 (CIP) as expected.
10. **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 smoke tested this area in December, and is continuing residential surveys and home inspections throughout the winter. Design on the storm elements will continue throughout the winter as well.
11. **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.
12. **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 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 bids are due February 10, with tentative City Council award date of February 18 or March 2 and expected project timing of April through June. Infrastructure design is expected to be completed sometime in March, with bids expected to be awarded in April or early May for work following building demolition completion.

13. **RAISIN STREET WATER MAIN LOOP:**

The City Council approved an amendment to the Exeter Township water contract on January 21 which provides for cost sharing to connect dead end mains in a looped system. The first of these is the connection along Raisin Street to Scofield Road. A design contract with the Mannik and Smith Group was approved at the January 21 meeting, and design is expected to be completed in April, with construction expected this summer.

14. **MONROE STREET BRIDGE WATER MAIN REPLACEMENT:**

The existing water main crossing the Monroe Street bridge failed during the winter of 2019 due to extremely cold temperatures and needs to be replaced with a new insulated main. Design has been completed and the project is being reviewed for a permit by MDOT, since the bridge is their facility. E.R. Zeiler Excavating, last year's water main contractor, is submitting pricing for the project and if it is reasonable, we will likely recommend awarding the project to them as a change order as they were the only bidder in 2019 and can set aside space in their schedule for the project. We expect pricing to be submitted in the next week or two.

15. **HARRISON STREET RECONSTRUCTION - EIGHTH TO FOURTH:**

Reconstruction of Harrison Street from Eighth to Fourth Streets is included in the 2020-21 CIP, and presuming this is approved on February 18, this project will be included in the 2020 Concrete Paving Program contract. Mannik and Smith has completed the survey work and Engineering staff is presently cleaning up the drawings, with design to follow later this month.

16. **WEST LORAIN STREET WATER MAIN REPLACEMENT - HUBER TO EAST OF LAVENDER:**

Replacement of the existing 12" water main through this corridor is included in the 2020-21 CIP, with a part of this work lying in properties owned by the City or within an easement in the areas where Lorain Street does not exist as a roadway. The majority of this project will likely be traditional open cut construction, with one section requiring a deep bore under the CSX Railroad and Mason Run Drain cutoff. Since one block of Lorain will be paved (Toll to Roessler) and included in the 2020 Concrete Paving Program, we will likely attempt to have at least this block replaced with a change order to E.R. Zeiler Excavating to stay ahead of paving, with the remaining open cut sections either bid or also included as a change order. The boring portion of the project may need to be bid later due to expected permitting delays with CSX.

17. **WEST NOBLE AVENUE WATER MAIN REPLACEMENT / RESURFACING - GODFROY TO MONROE:**

This project that is included in the 2020-21 CIP will include replacement of the existing 6" water main, spot curb replacement, and milling and resurfacing of this roadway. Mannik and Smith has completed the survey work, and drawing cleanup will occur sometime this month or early March.

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