



# Monthly Construction Project Status Report

Department of Engineering and Public Services

**July 3, 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 except remediation of one short section on Navarre Street. At the present time, there is no proposed method that has been approved for this work, so we may close out the contract and work with either the 2018 or future 2019 contractor to address.
- City Council Chambers Renovation (2018 - Sole Construction) - all work is completed, except for submission of final paperwork and settlement of some extra claim requests.
- 2018 Underground Utility Program (2018 - Lawrence M. Clark) - all work is completed, and punch list items and final paperwork remain.
- Dorsch Library Vestibule Improvements (2018 - A.A. Boos) - all work is completed except for some punch list items and final paperwork.
- 2018 Sidewalk Replacement Program (2018 - G.V. Cement) - all work is completed, and paperwork is needed to close out the contract.
- Dunbar Road Sanitary Sewer Repairs (2019 - Strata Construction) - work on repairs to three (3) locations on the sanitary sewer have been completed, but internal repairs on one of the locations is still needed. Final paperwork is also needed to close out the contract.
- First Street Resurfacing (2019 - C & D Hughes, Inc.) - all work has been completed. Since this is a Federal Aid project, paperwork closeout with MDOT is likely to last through the entire summer.
- North Custer Road Resurfacing (2019 - Gerken Paving) - all work has been completed except punch list items and final paperwork.

2. **FIRE STATION #1 REPLACEMENT:**

A dedicated 20-year, 0.47 mil tax for this facility was approved by voters in November 2016, and the new facility is being constructed on East Third Street on the site of the former Lincoln School. The Engineering Department has been the lead department in coordinating project development through construction. A Guaranteed Maximum Price (GMP) contract of \$5.245 million was awarded for the construction to the George W. Auch Company of Pontiac, the project's Construction Manager-at-Risk (CMR), in August 2018. The majority of exterior site work is completed, as are most of the interior building systems, with work continuing on interior finishes. Overall completion is expected to occur in September.

3. **DPS BUILDING ROOF REHABILITATION:**

This project will rehabilitate roughly a half acre of the roof at the Public Services Department building on Jones Avenue, and this project was approved as a part of the 2019-20 Capital Improvements Program (CIP). Engineering staff will coordinate the project with the architect. Bids were opened May 23, and the City Council awarded the contract to Royal-West Roofing of Brighton at the June 3 meeting. Construction will occur sometime between now and September 30, based on contractor availability, and the pre-construction meeting should be held this month.

4. **2017-18 PAVEMENT MARKINGS PROGRAM:**

This project to refresh needed markings throughout the City was awarded by the City Council on August 21, 2017 to P.K. Contracting of Troy, the lone bidder. Due to the limited number of contractors performing this work and the number of statewide projects, the contractor did not complete work as planned. For simplicity, Council authorized our planned 2018 work under this contract as well. Centerline, lane line markings, stop bars, and crosswalks have all been completed, and the contractor was supposed to return to complete on-street parking stall lines and parking lot stall lines this spring. Since they have been largely non-responsive, we will likely close the contract, and we have already solicited a proposal from a smaller vendor to complete parking stall lines shortly. We will not likely need to bid a contract for 2019 season work, as most other markings appear to be in acceptable condition.

5. **2018 CURB REPLACEMENT AND RESURFACING PROGRAM:**

This contract was awarded to Al's Asphalt Paving of Taylor, and consists of the 2018 local street resurfacing projects in the following locations, all of which include curb replacement except Location E:

- Location A - Maple Boulevard (west) - Linwood to north end
- Location B - Parkwood Avenue - Hollywood to Maple
- Location C - Stockton Drive - Borgess to Monroe
- Location D - Sylvan Drive - Borgess to Monroe
- Location E - East Front Street - Eastchester to Hellenberg - roadway removal
- Location F - Scottwood Avenue - Hollywood to Maple

All work except punch list items has now been completed on Locations C, D, and E, and all work except punch list items and raising manholes to final grade has been completed on Locations B and F. The contractor is working on Location A, and has completed curb and drive approaches on the west side of the street, with the east side curbs, milling, and paving remaining. All work under the base contract is expected to be completed by the end of July. City Council also authorized some additional work for "bump-outs" on the 700 block of West Seventh Street and for asphalt patching at their July 1 meeting, and this work will occur sometime between now and September in all likelihood.

6. **2018 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, has completed lining work at all but one location (West Fifth Street), which required significant root cutting and thus was postponed until this year. Rehabilitation of the manholes is completed as well. Based on the relatively small amount of work under the 2019 contract, we may consider extending a change order for 2019 work to Corby, so potentially the remaining location and new projects can occur simultaneously. In any event, work is expected to occur in 2019 at some point. We may also seek pricing to complete remediation of a short section of Navarre Street main under the 2017 contract that the vendor was unable to complete successfully.

7. **LABOR PARK REDESIGN:**

This project will include 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. The final design plans are expected early next week, with bids tentatively due August 5 and a projected City Council award of August 19. Work will likely occur both this fall and into 2020.

8. **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 completed and will be closed once waivers of lien are submitted. 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 late 2019 based on additional available grant funding.

9. **WEST FRONT STREET RESURFACING – TELEGRAPH TO HARRISON:**

This is our next Federal Aid project, and in order to complete the project all in one season we are using an Advance Construct contract through MDOT where the City will advance the 2020 Federal funds until they are available for reimbursement. The Mannik and Smith Group of Frenchtown Township performed the topographic survey and design work on our behalf. Some portions of the water main along this corridor also require replacement, and these are essentially completed through a separate City-funded contract. A pre-construction meeting was held June 27 with the contractor, C & D Hughes of Charlotte. The completion date is October 31, and the contractor plans to start the week of August 12.

10. **2019 UNDERGROUND UTILITY AND RESURFACING PROGRAM:**

The following projects comprise our proposed 2019 underground utility and resurfacing projects, respectively. The projects include:

- Location A: West Front Street – Telegraph to Harrison (water main and sanitary sewer rerouting)
- Location B: Godfroy Avenue – Elm to Noble (water main and resurfacing)
- Location C: Jefferson Court – Western Avenue to Huron (water main and resurfacing)
- Location D: Hollywood Drive – Elm to north of Maywood (water main and resurfacing)
- Location E: Maywood Avenue – Macomb to Riverview (water main and resurfacing)

Hollywood and Godfroy are spot curb replacement only, whereas Maywood and Jefferson will consist of replacement of all curbs. Further, Maywood will be narrowed from 32 feet to 27 to match the adjacent portion of the roadway to the east. Water mains will be replaced and up-sized to 8" mains on all locations. Work is completed on Location A, and new main is installed on Location D, with main installation via directional drilling occurring at present on Location E. For the coming month, drilling is likely to occur on Location C, new main through open cut is expected to begin on Location B, and service reconnection and tie-ins are expected on Location D and possibly others, depending on the exact schedule for each. The completion date is September 15, but due to extensive rainfall, work is likely to last into at least early October.

11. **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 will be working with TTL Associates of Plymouth in the study, which is expected to last through at least January 2020 due to the need to review seasonal fluctuations. They have completed drilling of monitoring wells and survey work.

12. **ALLEY RECONSTRUCTION – ALLEY EAST OF MONROE, BETWEEN FIRST AND THIRD:**

Both of these blocks of alley are being considered for full reconstruction in 2019, due to their condition and installation work for new gas mains in some areas. Resolution 1, which authorizes the Engineering Department to begin design, was approved for both locations by the City Council. Hennessey Engineers of Southgate performed the topographic survey work, and the Engineering Department is working on the design plans at present. We hope to start the Special Assessment process meetings in 2019, subject to design completion, though staff has been challenging to free up time for design to date.

13. **2019 SIDEWALK REPLACEMENT PROGRAM:**

The 2019 program area is planned to be south of the River from the west City line to Smith Street, and will include identification of defective walks using a 1-inch vertical separation standard in the program area. As per normal, advanced deterioration will also be taken into account. Bids are due July 8, and Council award is tentatively scheduled for August 5. Work will likely occur this fall.

14. **TOLL STREET RECONSTRUCTION – LORAIN TO ROESSLER:**

Survey work for this possible 2020 project was completed by The Mannik and Smith Group, and Engineering staff has been working on the design so that the project is ready whenever funding is available in the future.

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

OHM Advisors of Livonia conducted a traffic study to review options for conversion of all or part of Cass, Harrison, West Seventh, and West Eighth Streets to two-way traffic, and to consider the impacts of closing Cass Street to traffic at the City limit to prevent cut-through traffic from the adjacent Kroger Shopping Center. A modified cross section for the block of Seventh between Union and Bacon is necessary due to the roadway width and density of parked vehicles, and the City Council approved adding “bump outs” to Seventh Street at their July 1 meeting, and this change order is being awarded to Al’s Asphalt, the 2018 resurfacing contractor. Council also approved of the conversion of both Seventh and Eighth to two-way traffic, subject to a resident informational meeting that is being held July 17. The conversion will not occur until after construction of the bump-outs, which could be anytime between July and October.

16. **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 we have received a proposal from them for design activities, with a goal of completing design in 2019 for 2020 construction. Council approval of the design proposal will likely be requested at the August 19 meeting.

17. **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.

18. **2019 SANITARY SEWER REHABILITATION PROGRAM:**

Funding was set aside through the 2019-20 Capital Improvements Program to reline sanitary sewers and rehabilitation manholes on four (4) streets in 2019. Staff is putting together the contracts, and we will either bid the project within the next few weeks, or solicit pricing to add the work as a change order to the 2018 contractor. Work is expected to occur this fall.

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