



Monthly Construction Project Status Report

Department of Engineering and Public Services

August 6, 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.
- 2017 Pavement Markings Program (2017 - P.K. Contracting) - all contract work has been completed except for downtown parking stall lines, and since the contractor has been non-responsive, we have awarded a purchase order to another vendor to complete this work. Last report.
- 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, and the contractor is assisting us with one minor item that was beyond the scope of the contract before it is closed out.
- 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. Restoration, roadway patching, and final paperwork is 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. The contractor returned this past week to correct some minor drainage issues on two (2) of the cross streets.

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 contractor is nearing completion and it is likely that the station will be operational for use 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. The pre-construction meeting was held July 23, and the contractor intends to start work after Labor Day, and be completed by the end of September.

4. **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 six (6) locations. Due to a construction lockout and tight schedules, much of this work was postponed until 2019. Remaining items include paving and raising manholes to grade on Maple Boulevard (west) from Linwood to north of Orchard, and raising manholes to grade on both Parkwood Avenue and Scottwood Avenue. All of the above is planned to be completed within the next two (2) weeks. 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 October as the contractor's schedule allows.

5. **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, 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 are proposing to extend a change order for 2019 work to Corby, so potentially the remaining location and new projects can occur simultaneously. 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. Assuming Corby commits to holding their pricing as expected, we will likely place the change order award on the August 19 City Council meeting for approval.

6. **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. This project is currently being advertised for bids and an optional pre-bid meeting was held July 25, with bids due August 12. Provided the low bid is within the fundable range, a recommendation for award will be made for the August 19 City Council meeting. Separate purchase agreements for play equipment, a water feature, and a pavilion structure, along with the electric and street light relocation agreement with DTE Energy will likely follow on the September 3 City Council agenda. Start of work can occur this fall if the contractor elects, but the final completion date is August 31, 2020.

7. **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 late 2019 or early 2020 based on available grant funding and timing of acquisitions. Demolition of the water plant coagulation will also likely be included in the package, as specifications are nearing completion.

8. **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.

9. **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)
- 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 Locations B, C, D, and E, though it is not necessarily in operation at all of these locations. The contractor is actively working on service reconnections at Locations B and D, and is likely to be completed with both by the end of this month, with work starting on Locations C and E sometime in August and completed a few weeks later. Paving work is not likely to occur on any of the remaining locations until September. The overall completion date is September 15, but due to extensive rainfall this spring that affected operations, work is likely to last into at least early October.

10. **2019 PAVEMENT MARKINGS PROGRAM:**

As most of our pavement markings are in satisfactory condition, and formal contract is not being let for 2019. However, a purchase order has been issued to JV Contracting to complete downtown parking stall parking that was not completed by our 2017-18 project contractor, along with a small number of miscellaneous items as well. Work will be completed before the end of the year.

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 challenged to free up time for design to date.

13. **2019 SIDEWALK REPLACEMENT PROGRAM:**

The 2019 program area was planned to be south of the River from the west City line to Smith Street, and included identification of defective walks using a 1-inch vertical separation standard in the program area. Unfortunately, only one (1) bid was received that was significantly over the estimate, and as such, the overall program is being cancelled for 2019, with this work combined with the 2020 program area for bidding. We will be seeking out one of our present contractors that might be willing to complete a small number of the most significant hazards still in 2019.

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 was held July 17. The conversion will not occur until after construction of the bump-outs, which could be anytime between now 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 BITUMINOUS PAVEMENT MAINTENANCE PROGRAM:**

The City bids an annual program for maintenance activities on our bituminous (asphalt) roadways. This year, work for the small number of asphalt patches needed due to water main breaks was awarded via a change order to Al's Asphalt Paving, and is expected to be completed sometime this fall. The remaining work, including crack sealing and spray patching on some of our more chronic cold patching locations, has been combined into a single contract, which is being advertised for bids. Bids are due August 12 and the City Council award is tentatively scheduled for August 19, with work to occur prior to the end of the year.

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