



Monthly Construction Project Status Report

Department of Engineering and Public Services

October 4, 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 will be closing out the contract without making payment for the work once waivers of lien are received.
- City Council Chambers Renovation (2018 - Sole Construction) - all work is completed, except for 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.
- 2018 Curb Replacement and Resurfacing Program (2018- Al's Asphalt Paving) - the majority of work is completed, though the contractor must return later this month to raise manholes to their final grades and perform some restoration touch-ups.
- 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.
- Dunbar Road Sanitary Sewer Repairs (2019 - Strata Construction) - work on repairs to three (3) locations on the sanitary sewer have been completed. Restoration and roadway patching are underway as of this writing, and some paperwork will also be 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 for a few more months.
- North Custer Road Resurfacing (2019 - Gerken Paving) - all work has been completed except punch list items and final paperwork. Since the contractor returned to correct some minor grading items, some crosswalk markings also need to be replaced.

2. **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 has been placed in front of the City Council for similar work in that area is pending approval at the October 7 meeting and if approved, will be undertaken this month.

3. **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. Due to the relatively low amount of work in 2019 and the fact that the contractor needed to return in 2019 anyway, the City Council authorized an extension of the contract to include 2019 work at the September 3 meeting. Additional locations include Stockton Drive, Stanford Drive, Standish Drive, and Sylvan Drive, as well as one (1) manhole rehabilitation on Arbor Avenue. Work is expected to occur sometime this fall or winter, as the work can generally be performed throughout most climate conditions.

4. **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 project was already bid once, with a due date of August 12, but only one (1) bid was received that was significantly over the construction budget. After soliciting some additional interest, this project was bid a second time with bids opened on September 30. The City Council will be reviewing the low bid and potential funding sources, but it is expected that a recommendation to award will be placed for formal action on the October 21 meeting. Separate purchase agreements for play equipment, a water feature, and a pavilion structure, along with the street light relocation agreement with DTE Energy and relocation agreement with AT & T will likely also be on the October 21 City Council agenda. Start of work can occur this fall if the contractor elects, but 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 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.

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

This is our 2019 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 required replacement, and were completed through a separate City-funded contract. The contractor, C & D Hughes of Charlotte, began work on August 26, and is presently completing curb and driveway work, with pavement milling expected within the next week. The completion date is October 31.

7. **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. Location B is nearing completion as the roadway is paved, but restoration and structure adjustment to grade has not yet occurred. Concrete work is essentially completed on Locations D and E, with milling and paving scheduled for the week of October 14. Water main testing and service reconnections will be occurring during the next two weeks on Location C, along with replacement of the west side curbs and drive approaches. 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 during the next week or two. The overall completion date was September 15, but due to extensive rainfall this spring that affected operations, work is likely to last through the end of October.

8. **2019 PAVEMENT MARKINGS PROGRAM:**

As most of our pavement markings are in satisfactory condition, a 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. The contractor expects to perform this work sometime this month.

9. **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 due to the need to review seasonal fluctuations. They have completed drilling of monitoring wells and survey 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, 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. Given other project priorities and a desire to package projects into larger contract to facilitate better pricing, this work will not occur until 2020, though the Special Assessment process could begin in late 2019.

11. **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 have asked the 2019 resurfacing and underground contractor for pricing to complete a small number of the most significant hazards still in 2019.
12. **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. Since the adequacy of the storm sewer and potential disconnection of clear water (footing and roof drain and sump pump) from sanitary to storm sewer is being considered for this area, pavement project timing may be affected by the need for improvements in these areas as well.
13. **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, expected within the next two weeks, along with completion of the Front Street project so as to avoid displaced traffic from that roadway when detoured.
14. **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. A design kickoff meeting with City staff and the City's wastewater consultant will be held in the next few weeks to coordinate scoping of the project, which will also include identification of homes with clear water discharges to the sanitary sewer.
15. **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.

16. **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, was combined into a single contract. While we did not receive any bids at the August 12 due date, last year's contractor, Highway Maintenance of Romulus, is willing to extend last year's pricing to the City, and as such a contract was awarded at the August 19 City Council meeting. Work is expected to occur this fall as the contractor's schedule allows.

17. **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 is assisting with infrastructure installation estimates and other items as needed, and will likely oversee infrastructure installation in the future.

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