



# Monthly Construction Project Status Report

Department of Engineering and Public Services

**June 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, and we are soliciting a solution from the 2018 program contractor.
- City Council Chambers Renovation (2018 - Sole Construction) - all work is completed, except for submission of final paperwork and settlement of some extra claim requests.
- West Side Fire Station Renovation (2018 - Sole Construction) - all work is completed except for submission of final paperwork and resolution of one electrical issue. The Fire Department will be addressing a restroom flooring issue with a separate contractor.
- 2018 Underground Utility Program (2018 - Lawrence M. Clark) - all work is completed, including an additional main replacement project on Orchard Drive that was completed in February. Punch list items and final paperwork remain.
- Water Treatment Plant Generator Replacement (2018 - J. Ranck Electric) - all work is completed and final payment to the contractor is expected this month after submission of a few paperwork items.
- 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 except for one pavement marking correction. Since this is a Federal Aid project, paperwork closeout with MDOT is likely to last through the entire summer.

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. Exterior site work including underground utilities and pavement is expected to be completed in June or July, and most interior systems are complete. 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 Roof-West Roofing of Brighton at the June 3 meeting. Construction will occur sometime between now and September 30, based on contractor availability.

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 still needs to return to complete on-street parking stall lines and parking lot stall lines. Due to temperature limitations, this has needed to wait until spring, but we have again had difficulty getting a commitment to return due to a tight market and lack of pavement marking contractors. We will not likely need to bid a contract for 2019 season work, as most markings appear to be in acceptable condition following this winter.

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 been completed on Locations C, D, and E. Due to subcontractor and material delays largely stemming from a statewide equipment operator lockout in September, the contractor was unable to complete Locations A, B, and F in 2018 and work is being postponed until this year. Depending on the remaining contingency funds after completion of these locations, we may also ask the contractor to price some additional pavement removal in the vicinity of Hellenberg Field that is related to clearing some of the surrounding property to be incorporated into the River Raisin National Battlefield Park. The contractor has completed curbs and drives on one side of Locations B and F, and is working on the other side of the roadways at present. At the current pace, all work is likely to be completed sometime in July.

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, and we are reviewing the work to determine if there are any punch list items that remain. We do not yet have a return date for the contractor, but they are committed to doing so this season.

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 standing Landscape Architect for the next few years, and is working on the design at present. The Engineering Department will be assisting the consultant as necessary with infrastructure design review, bidding, and overall contract management, and has been engaged in conceptual design review at multiple points thus far. The City Council has given their conceptual approval to the project design, and the initial review has been completed. It is likely that the Engineering Department may have a larger role in daily inspection, depending on the exact timing and other project commitments. It is targeted that this project will be advertised for bids later this month.

8. **BUILDING DEMOLITION ASSISTANCE:**

Due to the growing number of properties that the City is acquiring for the Heritage Corridor Plan, through the Michigan Department of Natural Resources (MDNR) grant, and the Michigan State Housing Development Authority (MSHDA) grant for blight clearance purposes, 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. The main contract for demolition was awarded to Salenbien Trucking & Excavating of Dundee, and they have now completed demolition of the first 30 homes, with some paperwork remaining before the contract can be closed. A second phase contract for a former theater on East Second Street and one more home on East Elm Avenue was awarded to Homrich, Inc. of Carleton, and this work has also been completed except for final paperwork, assuming no further restoration touch-ups are needed. 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 throughout 2019.

9. **NORTH CUSTER ROAD RESURFACING - CITY LINE TO TELEGRAPH:**

This project was approved as a part of the 2019-20 Capital Improvements Program, and a contract with Gerken Paving of Napoleon, Ohio was approved at the March 4 City Council meeting. The project includes raised intersections at Cranbrook and Richards, and will convert the roadway to two (2) lanes with on-street bike lanes on both sides, along with enhanced crosswalk signage and pavement markings to enhance pedestrian safety. All concrete curb and drive work has been completed, and the islands have been removed. Milling and paving is tentatively scheduled for the week of June 10, and the completion date is June 30.

10. **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 were awarded through a separate City-funded contract. Roadway project bids were opened by MDOT on April 5, and a pre-construction meeting with the lone bidder, C & D Hughes of Charlotte, is likely to occur this month. The completion date is September 30, but work cannot commence until after completion of the water main work, which is likely to be the end of June.

11. **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 26 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. A section of sanitary sewer on West Front Street west of the CSX Railroad is also included in this contract. A contract was awarded to E.R. Zeiler Excavating of Temperance at the March 18 City Council meeting, and the Godfroy portion was added at the April 15 City Council meeting following redesign to avoid rock. Main line water main installation is complete on Front Street, as is the sanitary sewer installation, and water main drilling is continuing on Hollywood, with service reconnections occurring on Front Street. The completion date is June 30 for the West Front Street projects to accommodate the roadway project, and September 15 for the others. For the upcoming month, Front Street is expected to be completed, and main installation will also be occurring in the other locations.

12. **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.

13. **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 will start the Special Assessment process meetings this summer, subject to design completion, though staff is unlikely to have design availability for at least another month.

14. **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. Initial notification letters to all residents in the program area were sent out in late March, and we intend to complete marking walks within the next week or two. Due to early season construction inspection, staff is getting a later start than usual.

15. **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.
  
16. **ONE-WAY TO TWO-WAY CONVERSION STUDY:**  
At the November 19 City Council meeting, an award was made to OHM Advisors of Livonia to conduct 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. The Engineering Department has worked with the consultant on reviewing the report and presented findings at the April 15 City Council work session. 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 Engineering Department plans to present an option to create on-street “bump outs” for parking at the June 17 Council meeting. If accepted, the conversion could go forward this summer.
  
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. **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 solicited a proposal 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 June 17 meeting.

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