



Monthly Construction Project Status Report

Department of Engineering and Public Services

April 2, 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) - all work is completed and some final balancing paperwork is being processed by MDOT, which will hopefully be completed this month. The City also must 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 solicit a solution from the 2018 program contractor.
- City Council Chambers Renovation (2018 - Sole Construction) - all work is completed, except for a minor punch list. The plastic laminate defects and support pole damage have both now been addressed, and the poles should be painted in the next week or two.
- West Side Fire Station Renovation (2018 - Sole Construction) - all work is completed except for punch list items and submission of final paperwork. The Fire Department will be addressing a flooring issue in the restroom area 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 on this location and final paperwork remain.
- Water Treatment Plant Generator Replacement (2018 - J. Ranck Electric) - both generators are installed and operational, and work remaining includes punch list items and closeout paperwork.
- Dorsch Library Vestibule Improvements (2018 - A.A. Boos) - all work is completed except for some punch list items and final paperwork.
- Dunbar Road Sanitary Sewer Repairs (2019 - Strata Construction) - work on repairs to three (3) locations on the sanitary sewer have been completed, but the contractor must return to correct two (2) infiltration issues. Paperwork is also needed to close out the contract.

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. Work began September 10, the building has been enclosed, and more than half of the interior systems work is complete. Outside finish masonry work is underway, and site work is expected to commence in the next few weeks. Project completion is expected in late summer or early fall.

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). A design kickoff meeting was held on March 21 with the architect, Kohler Architecture of Monroe. Engineering staff will coordinate the project and prepare contracts, and we are hoping to bid this project sometime 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 as their August 6 meeting. 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 are hoping to get the contractor to return in the next month or two. 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 coming spring. 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. We believe the contractor is likely to return in late April or early May, though we have not yet been given a firm return date.

6. **2018 SIDEWALK REPLACEMENT PROGRAM:**

The 2018 program area was north of the River from the CSX Railroad tracks to the west City line, and included defective walks using a 1-inch vertical separation standard in the program area. City Council awarded the contract to G.V. Cement Contracting at its July 2 meeting. Work on the program area has been completed except for restoration touch-ups, and the vast majority of the utility patch locations have been completed as well. As with most years, isolated "extra areas" were included in the contract where complaints have been received outside the program area, and due to weather conditions in November, many of these had to be postponed until this coming spring. We do not yet have a return date from the contractor.

7. **LABOR PARK REDESIGN:**

This project is funded largely through the 2018-19 CIP, and 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 it is expected that design will take a few months, with a target for bidding in early summer. It is likely that the Engineering Department may have a larger role in daily inspection, depending on the exact timing and other project commitments. An agreement for DTE to relocate some needed overhead lines and poles was approved at the March 4 City Council meeting.

8. **WEST FIRST STREET RESURFACING - HARRISON TO WASHINGTON:**

This project consists of spot base replacement and resurfacing of the roadway pavement, and will be utilizing our 2018 Federal Funds allocation, since bids were rejected in spring 2018 and the project was carried over into 2019. This area was the location of a streetscape project in 2001, but there are numerous areas where there is only 2-3 inches of asphalt on top of the original 1913 brick base and funding did not allow for base work during the streetscape project. Due to the need to bring sidewalk ramps to current ADA standards and the extensive corresponding brick sidewalk replacement that must occur, considerably more design work was needed than was originally contemplated. The City Council consensus was to simply replace the brick sidewalk pavers with standard concrete, and some changes are also being made to Gateway Park. Bids were opened by MDOT at their January 4 bid letting, and the low bid contractor is C & D Hughes of Charlotte. The pre-construction meeting was held March 14, a paving pre-production meeting was held April 1, and the contractor intends to start work the week of April 15, with a completion date of June 30.

9. **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 re-seeding and 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 seeding, punch list items, and paperwork. 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.

10. **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 will require significant root cutting and may not be completed for another month or two. 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.

11. **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. The pre-construction meeting was held March 19, and the contractor intends to commence preparatory work the week of April 8, with work starting in earnest the week of April 15. The completion date is June 30.

12. **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. The project has been placed in the April 5 MDOT bid letting, and the water main portion was bid with the master City contract. The proposed completion date is September 15, but work cannot commence until after completion of the water main work.

13. **2019 UNDERGROUND UTILITY AND RESURFACING PROGRAM:**

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

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

Hollywood and Godfroy will be 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, except for the Godfroy Avenue portion. The water main on Godfroy will need to be redesigned to avoid rock at the original depth, and revised pricing is expected to be provided by the contractor in time to recommend award at the April 15 meeting. The completion date is June 30 for the West Front Street projects to accommodate the roadway project, and September 15 for the others.

14. **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.

15. **ALLEY RECONSTRUCTION - ALLEYS EAST OF MONROE, SOUTH OF FIRST AND SOUTH OF SECOND:**
Both of these blocks of alley are being considered for full reconstruction in spring 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 likely start the Special Assessment process meetings later this month or early May, subject to design completion.
16. **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.
17. **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 will be presenting findings at the April 15 City Council meeting or work session.
18. **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 month or two. 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.
19. **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 begin marking walks shortly.
20. **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 are planning to solicit a proposal from them for design activities shortly, with a goal of completing design in 2019 for 2020 construction. Council approval of the design proposal will likely be requested in May.

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