



# Monthly Construction Project Status Report

Department of Engineering and Public Services

## December 5, 2018

### 1. **2016-18 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 but the contract remained open through June 2018 due to the two-season watering and cultivating pay item. Since this project was bid through MDOT, paperwork closeout will take a few more months. Mannik and Smith Group, who is assisting on our behalf, has completed the initial file review, and we will be taking some concrete cores to address earlier testing deficiencies.
- 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.

### 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 will be constructed on East Third Street on the site of the former Lincoln School. The Engineering Department is 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), on August 20. Work began September 10, and the concrete block is largely completed and the roof trusses have been set. With favorable weather, it is hoped that the building can be enclosed by the end of this month. Project completion is expected in Fall 2019.

### 3. **DPS BUILDING ROOF REHABILITATION:**

This project would rehabilitate roughly a half acre of the roof at the Public Services Department building on Jones Avenue. A cost estimate and conceptual design has been completed by Kohler Architecture of Monroe, and this project is proposed for inclusion in the 2019-20 Capital Improvements Program (CIP), with construction likely in spring 2019.

### 4. **CITY COUNCIL CHAMBERS RENOVATION:**

This project involves modifications to the City Council Chambers for ADA compliance and audio / visual modernization, as well as other desired changes. The building trades contractor is Sole' Construction of Westland, and the audio-visual contract was awarded to TEL Systems of Ann Arbor. Work by both contractors is nearing completion, though a substantial punch list of minor items remains. The first City Council meeting was held in the room on December 3.

5. **WEST SIDE FIRE STATION IMPROVEMENTS:**

A contract for interior renovations at the West Side Fire Station was awarded by the City Council on August 6 to Sole' Construction of Westland. The project was designed by James S. Jacobs Architects of Monroe and includes kitchen, restroom, and living area renovations. Much of the drywall work has been completed, but the kitchen cabinet installation and other finish items remain. The completion date was November 15, but this will be extended due to some changes desired by the Fire Department that required re-drafting the project plans. In any event, work should be completed by the end of this month, barring further changes.

6. **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 will now need to wait until spring.

7. **2018 UNDERGROUND UTILITY PROGRAM:**

This contract consists of water mains in six (6) locations throughout the City, and work is essentially completed except for punch list items on the original work locations. City Council approved the addition of two (2) blocks of new main on Orchard Drive from Riverview to Maple at their October 1 meeting based on available funds, and the contractor is expected to complete this work sometime this winter as schedules and weather allow.

8. **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 and D. Due to subcontractor and material delays largely stemming from a statewide equipment operator lockout in September, the contractor will be unable to complete Locations A, B, and F this year and work is being postponed until spring. Work on Location E, involving almost exclusively removal work, will be occurring during the next two (2) weeks.

9. **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.

10. **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. 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 July 13 bid letting, but the low bid was more than 10% over the estimate, which gives the City the option to reject bids and re-bid the project. As such, we have made changes to the project schedule and the project has been placed in the January MDOT letting for spring construction, which hopefully will result in a greater number of bidders and better pricing.

11. **WATER TREATMENT PLANT GENERATOR INSTALLATION:**

The Engineering Department is administering this contract, which was designed by Jones and Henry Engineers of Toledo. Following an initial award for a contract that was cancelled due to extensive design changes that were required, a revised contract was awarded to J. Ranck Electric of Mount Pleasant at the October 15 City Council meeting. The pre-construction meeting was held November 6 and the contractor began work December 3. The completion date is March 31, 2019 and work will occur throughout the winter.

12. **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. One of the Engineering Technicians has been assigned this lead role, and work activities are likely to extend throughout 2018 and likely beyond to some degree. The main contract for demolition was awarded to Salenbien Trucking & Excavating of Dundee, and they have now completed demolition of the first 30 homes. 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 at the November 19 City Council meeting. Work for those two (2) properties should commence sometime in the next 4-6 weeks, depending on grant clearance dates and execution of the final purchase agreement for the former theater.

13. **2018 SIDEWALK REPLACEMENT PROGRAM:**  
This year's 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 will need to be postponed until spring.
14. **DORSCH LIBRARY VESTIBULE IMPROVEMENTS:**  
A contract was awarded to A. A. Boos of Toledo at the May 21 City Council meeting, and the preconstruction meeting was held June 4. The Engineering Department is managing the overall contract with technical assistance from the Community Development Department and the architect. Additional work to add a disabled doorway actuator, replace exterior handrails, and some other minor modifications was priced by the contractor, and this additional work was approved by the City Council on August 6. Work commenced on October 22, and should be completed by the end of December.
15. **2018 SANITARY SEWER REHABILITATION PROGRAM:**  
This contract includes work to reline numerous sanitary sewers and rehabilitate manholes in seven (7) locations. Bids were opened July 9 and a contract to Corby Energy Services of Belleville was awarded at the July 16 City Council meeting. The contractor has completed lining work at all but one location, which will require significant root cutting and may not be completed until next year. Rehabilitation of the manholes is largely completed as well, and we are reviewing the work to determine if there are any punch list items that remain.
16. **WEST FRONT STREET RESURFACING AND WATER MAIN REPLACEMENT - TELEGRAPH TO HARRISON:**  
This area will be our next Federal Aid project, and in order to complete the project all in one season we are pursuing an Advance Construct contract through MDOT where the City would advance the 2020 Federal funds until they are available for reimbursement. The Mannik and Smith Group of Frenchtown Township performed the topographic survey, and were awarded a design contract at the August 20 City Council meeting. The MDOT Grade Inspection meeting was held on November 26 for the resurfacing portion of the work, and final revisions are being made so that the project can be placed on the March bid letting. Some portions of the water main along this corridor also require replacement, and City Council awarded a contract with Mannik and Smith for this design at the October 15 meeting. A design meeting with the consultant for the water main should occur in the next week. Water main replacement will occur in spring 2019 ahead of the resurfacing, which is hoped to occur in later spring or early summer.
17. **WEST FRONT STREET SANITARY SEWER RE-ROUTING:**  
The Wastewater Department has identified some deficiencies in a sanitary sewer run from West Front Street west of the CSX Railroad tracks that traverses private property and blind ties into another main line. The Engineering Department awarded a design proposal to the Mannik and Smith Group of Monroe, and they will perform their work in conjunction with the West Front Street resurfacing and water main design. Design is nearing completion.

18. **NORTH CUSTER ROAD RESURFACING – CITY LINE TO TELEGRAPH:**

This project is being recommended for construction as a part of the 2019-20 Capital Improvements Program. Given that the project requires minimal amounts of curb, sidewalk, and driveway work, it can be bid early in the spring, and survey work will not be required. The Engineering Department will be reviewing different design concepts including removal of the islands, replacement of the center turn lane with on-street bike lanes, and additional signage and markings to facilitate safer non-motorized usage.

19. **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 the end of 2019 due to the need to review seasonal fluctuations. They are looking to begin drilling of four (4) monitoring wells and topographic survey work sometime this month once property owner permissions have been secured.

20. **2019 RESURFACING AND WATER MAIN PROJECTS:**

The following projects comprise our proposed 2019 water main and resurfacing projects, respectively. Design contracts for all locations were made at the November 5 City Council meeting to the Mannik and Smith Group of Frenchtown Township, with design completion expected by the end of January. Bidding will occur shortly thereafter, either bid location-specific or by work type as deemed most advantageous. The projects include:

- Location A – Hollywood Drive – Elm to north of Maywood
- Location B – Maywood Avenue – Macomb to Riverview
- Location C – Godfroy Avenue – Elm to Noble
- Location D – Jefferson Court – Western Avenue to Huron

Locations A and C will be spot curb replacement only, whereas Locations B and D will consist of replacement of all curbs. Further, Location B 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 four (4) locations.

21. **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 has been authorized to begin topographic survey work, and the Engineering Department will likely prepare the design plans for spring or summer construction.

22. **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.

23. **EAST DUNBAR ROAD SANITARY SEWER REPAIRS:**

This project was bid through the Wastewater Department, since it is a “short form” contract and will address three (3) damaged sections of sanitary sewer along Dunbar Road in Monroe Township. An award was made to Strata Underground LLC of Clinton Township, Michigan at the December 3 City Council meeting. The Engineering Department will assist with project inspection and management.

24. **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 will be working with the consultant on reviewing the report and presenting findings for possible action at the Traffic Committee and City Council sometime later this winter.

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