



Monthly Construction Project Status Report

Department of Engineering and Public Services

October 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 scheduled the initial reviews with MDOT.
- Custer Airport Hangar and Entrance Road Paving (2017 – Pavex) – all remedial work was completed by the bonding company this past month and final payment has been issued. Last report.

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 building foundations have been completed, with masonry work occurring at the present time. With favorable weather, it is hoped that the building can be enclosed by the end of November. 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). Should available funding be found, the project will be considered for fall 2018 construction, otherwise it will be undertaken 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. Remaining work activities at this point include mostly finish items such as painting, acoustical wall panels, carpet, and various audio-visual wiring. It is expected that the room will be available for occupancy by the end of October, though there are a few lead time items that could delay this schedule slightly.

5. **2017 SANITARY SEWER REHABILITATION PROGRAM:**

The contractor, Inland Waters Pollution Control of Detroit, has completed most of their work. There is one additional section of liner that needs to be remediated, and this was attempted in July, however, the repair method did not work and additional efforts will need to be made. We do not have a return date.

6. **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. The pre-construction meeting was held August 29, and demolition is now completed. Due to some layout changes desired by the Fire Department staff, plans were revised and the contractor plans to continue framing, plumbing, and mechanical activities shortly. The completion date is November 15.

7. **2017 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. Work activities will occur sporadically based on the contractor's schedule, and they are expected to start any day.

8. **2018 UNDERGROUND UTILITY PROGRAM:**

This contract consists of water mains in six (6) locations throughout the City, and work is essentially completed except for clean-up and 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 later this fall.

9. **2018 CURB REPLACEMENT AND RESURFACING PROGRAM:**

This contract consists of this year's local street resurfacing projects in the following locations, all of which include curb replacement:

- 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

Bids were opened on May 23, and the City Council awarded the contract to the lone bidder, Al's Asphalt Paving of Taylor. Storm sewer work has been completed on Locations C and D, and curb and driveway work is expected to occur next week on both of those locations. Removal activities are expected to occur on Location A as well next week.

10. **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.

11. **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 will be making changes to the project schedule and re-bidding the project in the January MDOT letting for spring construction, which hopefully will result in a greater number of bidders and better pricing.

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

The Engineering Department is administering this contract, which was designed by Jones and Henry Engineers of Toledo. The generator units are being purchased separately by the Water Department, and this was approved at the December 4, 2017 City Council meeting. The low bid for the installation work was approved December 18, 2017 by the City Council to Airport Lighting of Luther, Michigan, and the pre-construction meeting was held January 16, 2018. However, a number of items needed for re-design were identified at the pre-construction meeting, and the contractor submitted revised pricing. Since the aggregate pricing was more than 35% over the low bid amount for this lump sum project and greater than the second low bidder, we have terminated the contract and re-bid the project with the changes incorporated. Bids were opened October 1, and we plan to make a recommendation for award at the October 15 City Council meeting. Work will occur during the winter.

13. **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 the fall, 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. A public engagement meeting was held on July 30. The Engineering Department will be assisting the consultant as necessary with infrastructure design review, bidding, and overall contract management.

14. **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 completed demolition of 29 of the 30 homes during September, including restoration work. The remaining property requires some additional asbestos work and will be completed this month.

15. **2018 SIDEWALK REPLACEMENT PROGRAM:**
This year's program area will be north of the River from the CSX Railroad tracks to the west City line, and includes 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. As with most years, isolated "extra areas" area included in the contract where complaints have been received outside the program area, as have miscellaneous utility contract patch locations. Work is completed in the Oak Forest and Riverside Manor subdivisions, and work is continuing in the Frenchman's Bend neighborhood. The completion date is October 15, though this is likely to be exceeded due to some additional work that we have asked the contractor to complete on our behalf.
16. **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 will manage 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. Due to lead time issues on the new door, work has not yet commenced, but is expected to start in the next two (2) weeks, with completion sometime in November.
17. **2018 SANITARY SEWER REHABILITATION PROGRAM:**
This contract will include 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 pre-construction meeting was held on August 22, and the contractor has completed the initial televising of the system. Lining activities are expected to begin next week, and the completion date is November 15.
18. **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 considering an Advance Construct contract through MDOT where the City would advance the 2020 Federal funds until they are available. 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. Preliminary plans have been prepared and were reviewed by the City last week, with further revisions occurring throughout this month. We are targeting the February or March MDOT bid letting for summer 2019 construction. Some portions of the water main along this corridor also require replacement, and we have solicited a proposal from Mannik and Smith for this design as well so that work can occur in spring 2019.
19. **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 survey proposal to the Mannik and Smith Group of Monroe, and they will perform their work in conjunction with the West Front Street resurfacing design.

20. **HOLLYWOOD DRIVE RESURFACING / WATER MAIN – ELM TO MAYWOOD:**

This project is one of our projected 2019-20 Capital Improvements projects, so a proposal for topographic survey work was awarded to the Mannik and Smith Group at the July 2 City Council meeting. Survey data has been provided to the City, and design work will occur as soon as the construction season has been completed.

21. **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 could be accelerated to construction quickly when funding becomes available, and survey work will not be required.

22. **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.

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