



# Monthly Construction Project Status Report

Department of Engineering and Public Services

**February 5, 2019**

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 at least another month or so. Mannik and Smith Group, who is assisting on our behalf, is nearing completion of the file review process, and 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.
- 2018 Building Demolition Program (2018 – Salenbien Trucking and Excavating) – all work is completed, though the contract is being held open due to the likelihood of re-seeding in the spring.

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), on August 20. Work began September 10, and the building has been enclosed for the winter with work continuing throughout. The interior concrete floor has been poured, and for the coming month, work in continuing on plumbing, mechanical, and erection of interior walls. 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 essentially completed, though both contractors will be working on punch list and closeout items through this month. The room has been in use since early December.

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

A contract for interior renovations at the West Side Fire Station was awarded by the City Council in August to Sole' Construction of Westland. The project was designed by James S. Jacobs Architects of Monroe and includes kitchen, restroom, and living area renovations. Most items have been completed, with the installation of the granite countertop occurring this week. The restroom epoxy surface will also need to be re-worked, and other minor items remain, with hopes that most can be completed this month.

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. Unless the winter is extremely poor, we will not likely need to bid a contract for 2019 season work, as most markings should be in acceptable condition.

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 start this work this week, and complete during the next 4-6 weeks, probably with some interruptions due to typical weather.

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, 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.

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. 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.

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, 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. Work is planned to occur from April through June.

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. The first of two generator units is now operational, and the second unit is scheduled to be commissioned this week.

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. 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. Demolition work for those two (2) properties should commence sometime this month, though this is dependent on grant clearance dates and execution of the final purchase agreement for the former theater. Due to the recent Federal government shutdown, we have been delayed on grant clearance, though this is expected soon.

13. **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.
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 and Building Departments 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 is mostly completed, with installation of some door hardware and a few other minor items still remaining.
15. **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 until this spring. 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.
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 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 will be bid through a separate City-funded contract. The project will be placed in the April 5 MDOT bid letting, and the water main portion will be bid with the master City contract within the next two (2) weeks.
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. Design work is nearly complete, and this work will be packaged with the City’s master water main and resurfacing contract to be bid in the next two (2) weeks.
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, and has already been advertised for bids as a stand-alone contract. Bids will be due February 21, with a likely City Council award of March 4 for spring construction. 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.

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 at least January 2020 due to the need to review seasonal fluctuations. They have completed drilling of monitoring wells and survey work.

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, and they are nearing completion of design work. The projects include:

- Hollywood Drive – Elm to north of Maywood
- Maywood Avenue – Macomb to Riverview
- Godfroy Avenue – Elm to Noble
- Jefferson Court – Western Avenue to Huron

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 four (4) locations. Water main replacement and sanitary re-routing on West Front Street will also be added to this overall contract. We are planning on a bid opening date of March 7 and a City Council award date of March 18. The contract will be set up such that the entire contract could be awarded to one contractor, or it could be split by location if advantageous to the City.

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, depending on survey completion and prioritization with other early bid projects.

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 has been assisting with project inspection and management, and work on two (2) of the locations is completed, with work on the third scheduled for this week, weather permitting.

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, potentially as early as this month. Data collection has been completed.

25. **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.

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