

**Public Works Department
Monthly Activity Report
November 2019**

Engineering:

McKinley Avenue Sewer Rehabilitation: Chastain and Associates completed design and submitted the plans and specifications to IEPA for approval. The Loan Ordinance was approved on November 5, 2018 for \$7.9 million. A request for qualifications and proposals was advertised on February 13, 2019 to provide the City with construction engineering services. The City receive proposals from Crawford Murphy and Tilly (CMT) and Chastain and Associates. The City selected CMT as the most qualified firm and an engineering services contract was awarded on June 3, 2019. The construction project is advertised June 20, 2019 and bids were received on August 20, 2019. The City received six bids with the low bid received from SAK Construction for \$5,222,777. IEPA approved the bid and provided the City with the loan offer for \$5,911,143.31. The City also received \$886,671.50 of the loan amount will be forgiven. SAK received the Notice to Proceed on November 4, 2019.

Mound Road Spring Creek West and Middle Deck Replacement: Mound Road bridges West (between Neely Ave and Educational Park) and Middle (between Moundford Ave and Camelot Dr) over Spring Creek was advertised through the State with bids received January 18, 2019. The project replaces both bridge decks with staged construction to allow for two-way traffic. The State received six bids with the lowest bid received from Sangamo Construction at approx. 2.5 million. The City will receive 2 million in Federal funding with the MFT Fund covering the remaining. Sangamo has completed the both bridges with the bridges scheduled to open in November.

2019 Water Main Replacement Project: The project was designed by Engineering staff, the project is in the area bounded by Grand to the North (project will not include MacArthur High), Fairview to the East, King to the south and Taylor to the west. The project was advertised on January 30 with bids received on February 20. The resolution was awarded to Burdick Company as the lowest responsive bidder on March 4. The project was split into four phases with all phases complete with only restoration and the abandonment of the existing watermain remaining.

2019 Valve and Hydrant Replacement Project: The project was designed by Engineering staff; the project replaces existing or install new valves or hydrants at various locations within the distribution system. The project was advertised on January 30 with bids received on February 20. The resolution was awarded to Kinney Contractors as the lowest responsive bidder on March 4. The project is complete with only punch list items remaining.

2019 State and Local MFT Project: Engineering Staff designed the 2019 State and Local MFT projects.

The State portion of the project advertised in awarded to Dunn on May 20, 2019. The work will mainly include the reconstruction of South Shores Drive and asphalt patching on ML King Drive and Grand Ave., Dunn has completed all work.

The Local MFT project was advertised in May and awarded to Dunn as the lowest responsive bidder on June 17, 2019. Division St, Warren St, Central Ave, Wellington Way, and 33rd St is complete with only punch list items remaining.

2019 Trenchless Long Lining Repair Project: Engineering Staff designed the 2019 Long Lining Repair Project. The rehabilitation locations are selected from the televised inspection

reports. The project was advertised in May and awarded to Insituform as the lowest responsive bidder on June 17, 2019. The project is complete.

32nd and Fulton Storm Drainage Improvement Project: The Project is in final design by Farnsworth Group. The project will provide a new storm sewer to serve the area generally bounded by Rt 36 to the North, 36th St to the East, Orchard to the South and Country Club Rd to the East to relieve flooding. The Project was the no. 3 priority on the Storm Water Master Plan. The project is estimated to bid in late FY 2019 for a FY 2020 start.

2019 DPTS Bus Shelter Pad Project: Engineering Staff designed the 2019 Decatur Public Transit Project. The project was advertised on July 17 and bids were received on August 7, 2019. The bid came in higher than estimated and budgeted for by Decatur Transit. The project is estimated to rebid in December or January.

2019 CDBG Sidewalk Project: Engineering Staff is designing the 2019 Sidewalk Project. The project is currently on hold to review possibility of using CDBG funds to purchase materials and provide Public Work's labor.

2019 Manhole Rehabilitation Project: Engineering Staff designed the 2019 Manhole Rehabilitation Project. The project will rehabilitate existing brick structures that exceed 12' in depth. Bids were received on July 25, 2019 and awarded to Front Range Environmental as the lowest responsible bidder on August 5, 2019. The contractor has completed approx. 80% of the work.

Main Street Bridge over Stevens Creek Repair: WHKS designed the repair of the Main Street Bridge over Stevens Creek. During routine bridge inspection piles for the abutment were found to be exposed with some have section loss. The project's design will rehabilitate the

section loss and protect the remaining piles per IDOT standards. Bid were received on September 5, 2019 and awarded to Sangamo Construction as the lowest responsible bidder on September 16, 2019. Pile repair and sidewalk work is complete with final restoration and project closeout is scheduled to be completed by mid-November.

MUNICIPAL SERVICES MONTHLY DATA 11/1/19 - 11/27/19

| TASKS | QUANTITY | MANHOURS | OTHER INFO |
|-----------------------|-----------------|-----------------|-----------------------|
| Catch Basins Pumped | 48 each | 113 hours | |
| Catch Basins Repaired | 12 each | 191 hours | |
| 72 Hour Cleanups | 48 each | 201.5 hours | |
| Asphalt Street Repair | 244 sq. yards | 161.5 hours | |
| Street Sweeping | 659.6 miles | 616 hours | |
| Potholes Patched | 723 each | 111.5 hours | |
| Snow Fence Installed | 3,050 lin. feet | 121 hours | |
| Alley Grading | 6,900 lin. feet | 42 hours | |

**Water Production Division
Monthly Activity Report
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Additional Water Supply Plan: INTERA completed the final draft plan this month.

Lake Decatur Dredging Basins 1 through 4: Dredging was completed last December. 11,110,991 cubic yards of sediment was removed from the lake which was 103.5% of the contract amount, including over dredging. Great Lakes Dredge & Dock continued demobilizing their equipment and draining the sediment storage basin. Landscape repairs to the land sites used during the project are scheduled for completion this year.

Lake Decatur Landscape Maintenance: A portion of this year's project is to establish native grasses and plants with the assistance of the Macon County Conservation District at an area previously cleared of trees and brush adjacent to Lake Shore Drive at M.L. King Jr. Drive. Fall seeding is now scheduled for December. Tree and brush removal on the south side of the William Street Bridge approaches was completed this month.

Lake Decatur Watershed Management Plan: Qualifications and proposals were received from 8 consulting firms in October. Staff completed evaluating them and will be interviewing the 4 firms that received the highest ratings in early December.

Lake Services: Continued dredging project completion items, mowing, facilities and equipment maintenance and winter preparations. Provided barge deliveries to lakeshore property owners for maintenance activities. Monitored William St. Bridge tree and brush removal contractor. Assisted the department with snow and ice control tasks.

South Water Treatment Plant East Clarifiers to Claricones Conversion: Crawford, Murphy & Tilly has completed 99.9% of the engineering and bid specifications. This project is on hold pending the recommendations of the Water Utility Long Term Sustainability Plan.

Water Administration: Continued dredging project completion items, Watershed Management Plan proposal evaluations, nitrate removal facility operating options and Lake Decatur dam gates evaluation.

Water Production: The level of Lake Decatur was maintained at an average of 613.45 feet above mean sea level (90% full) which is on target for November. 537.81 million gallons of potable water were pumped to customers which was 0.75% less than November 2018. Continued efforts to reduce disinfection byproducts, chlorine residual management, Lake Decatur dam gates evaluation, SWTP SCADA Master Plan, training new staff, converting Lake Office interior lighting to LED and working with Ameren regarding SWTP electrical supply improvements.

Water Services:

November 2019: Staff repaired 20 water services, 14 water main failures and 2 fire hydrants. Inspected 27 system valves and 1 fire hydrant, and completed 1,084 utility billing orders and 35 distribution system orders. Staff assisted with the testing and inspection of the 2019 Water Main Replacement Project.