

CITY COUNCIL MEMORANDUM

City Council Meeting: May 5, 2020

Department: City Manager

Subject: Update on major projects in progress/CIP, Utility Meter Swap Out, Water and Wastewater Master Plan, TxDOT Projects, CityView, and Civic Rec Software

Background

This is the monthly update on large capital projects that are in progress or in the planning process. This update is being provided so Council will be up to date on the progress of these large projects. If Council desires more information on any project or on projects not on this list, please reach out to staff and that information will be provided.

Facilities Projects:

1. 27 Commercial Place Renovation:

- Project Status: Design-Build Procurement
- Estimated Construction Start: Fall 2020
- Estimated Cost of Construction: \$1.5 million
- Project Update: Marksmen-Grit, LLC has submitted a draft Design-Build contract for review by the City Attorney. Final fee negotiations are underway. The draft contract and a not-to-exceed design fee amount of \$150,000 to be presented to the City Council at the May 12, 2020 meeting for approval. Pending Council approval and final contract signatures of Design-Build contract, the design kick-off meeting to occur May 2020.

Water Projects:

1. **Water Meter Change Out:** No update from March report. As of December 31, 2019, Staff had successfully completed installing all meter change outs. This project is complete.
2. **Utility Customer Portal Upgrade:** IT has approved security information for the server access for the new customer portal and training for staff is being scheduled. The go live date will be available after the training has been completed.
3. **FM 1103 Utility Relocation Project:**
 - Project Status: Under Construction
 - Construction Start: August 2019

- Construction Completion: Spring 2020
- Cost of Construction: \$964,424.12
- Project Update: D. Guerra completed and tied in the sewer relocation at IH-35 and FM 1103. The final water segment was tied in at the beginning of April. Work on abandoning the old water and sewer lines will continue in May. D. Guerra continues to work on site restoration throughout the project area. After further review of the roadway design by TxDOT, two additional relocation areas were identified. Staff is working to resolve these additional conflict areas. The project is expected to be completed in Spring of 2020.

Engineering Projects:

1. 2018 Street Preservation and Maintenance Reconstruction Project:

- Project Status: Under Construction
- Construction Start: January 2020
- Construction Completion: Summer 2020
- Cost of Construction: \$1,501,199.00
- Project Update: Work on the eastern side of Schertz Parkway began in April. The curb and gutter have been removed and the street has been excavated to subgrade. Cement stabilization will begin in late April and continue into early May. After the cement stabilization is complete, the contractor will begin setting up to pour the new concrete pavement. Staff is providing weekly updates on the project website.



2. 2018 Street Preservation and Maintenance Rehabilitation Project:

- Project Status: Pending Construction
- Construction Start: April 2020
- Construction Completion: Summer 2020
- Cost of Construction: \$2,881,784.00
- Project Update: Work in the Northcliffe area and the Randolph reconstruction area (Main to Exchange) began in April. Staff is providing weekly updates on the project website.
 - Northcliffe Area: The concrete pavement at the intersection of Castle Hills and Sherwin has been completed. The contractor has also completed many sections of sidewalk and curb and gutter repairs in the project area. Additional corner ADA ramps have also been completed. The street rehabilitation process has started on Castle Hills, Sherwin, and Angel. The asphalt has been removed and the underlying material is being pulverized in preparation for cement stabilization. Beginning in late April, these streets will receive the cement stabilization. Once the stabilization is complete, the new asphalt pavement will be placed.
 - Randolph (Main to Exchange): The existing road section was removed and the subgrade was cement stabilized. The new base material on Randolph has been placed and compacted. Beginning in late April, the contractor will begin forming and pouring the new curb and gutter and sidewalks. Once the concrete work is complete, the street will be paved.



3. **2018 Street Preservation and Maintenance Resurfacing Project:**

- Project Status: Pending Construction
- Construction Start: March 2020
- Construction Completion: Summer 2020
- Cost of Construction: \$791,174.34
- Project Update: The required base repairs for the project have been completed. The contractor installed the concrete valley gutters in the Greenfield Village area, which completed all of the required prep work for the project. Warmer, drier weather is required to install the chip seal surface, so it may not be applied for another few months.

4. **2020 Street Preservation and Maintenance Project:**

- Project Status: Planning and Design Consultant Procurement
- Project Update: Consultant contracts for the design of the next round of projects were approved by Council in late March. Design of these projects is expected to begin in May.

5. **Corbett Elevated Water Storage Tank:**

- Project Status: Under Construction
- Construction Start: March 2019
- Construction Completion: Summer 2020
- Cost of Construction: \$4,682,000.00
- Project Update: The aerial phase of the interior and exterior tank coating is scheduled to be completed in early May. Work on the drainage components of the site began in late April and is planned to continue in to May. Work on the pump station is expected to start in May. The project is expected to be completed July of 2020.



6. **Woman Hollering Creek Wastewater Interceptor Main and Lift Station:**

- Project Status: Design
- Estimated Construction Start: Early Summer 2020
- Estimated Cost of Construction: \$12 million
- Project Update: CobbFendley continues to work on final revisions to the plans and bid documents. City Staff continues to work on the platting process for the lift station site. City Staff and CobbFendley continue to negotiate with property owners to acquire necessary easements for the project. The total number of easements acquired is 16 out of a total of 21. The project is expected to be advertised for bid this Spring.

7. **Pedestrian Routes and Bike Lanes Project:**

- Project Status: Design
- Estimated Construction Start: Summer 2020
- Estimated Cost of Construction: \$1.3 million
- Project Update: TxDOT Environmental continues to review the project including coordinating with other State Agencies. Final TxDOT review of the plans continues. After TxDOT environmental approval is obtained, City Staff can proceed with acquiring the remaining ROW necessary for the project on E. Live Oak Road. The letting date for the project has been pushed back by TxDOT and is currently set for July of 2020, but could be shifted further.

8. **Water and Wastewater Master Plan Update and Impact Fee Study:** Data gathering is in its final stage. A progress meeting was held April 30, 2020, with consultant (LAN) and City Staff. Six rain gauges and fifteen flow meters have been deployed throughout the City to monitor current flows and identify inflow and infiltration in the sanitary sewer system across the City's service area. Monitoring began April 13, 2020, and will continue for a minimum of 45 days.

- Total Project Cost: \$467,280 (NTE \$500,000)
- Project Start Date: December 2019
- Project Completion Date: Spring 2021

TxDOT Roadway Projects:

- 1. FM 1103 Improvement Project:** No change from April update. Utility relocations continue (including electric, communications, gas, water, and wastewater). Schertz Public Works is working to relocate water and wastewater lines that conflict with the planned roadway and drainage improvements (see FM 1103 Utility Relocation Project update). Delays in the relocation of other utilities has caused the rescheduling of the target let date for a construction contract from July of 2020 to January of 2021.
- 2. FM 1518 Improvement Project:** TxDOT continues acquiring property needed for the expansion project. Approximately 80% of the parcels needed for right of way have been

acquired. As parcels are acquired, TxDOT is beginning to physically clear the right of way in preparation for final surveying and design. TxDOT has not yet acquired parcels needed from JB SA-Randolph. The plan is to move through that process together with property needed for improvements to Loop 1604 on the opposite side of the base. Design is approximately 30% complete. The first utility coordination meeting was held in November of 2019, and was attended by City of Schertz Engineering and Public Works Staff. Staff continues work to determine the scope of necessary utility relocations in the FM 1518 project corridor. The TxDOT project is currently scheduled for letting in September of 2022; construction may begin as early as January of 2023. The \$44.8 million, fully funded project is expected to take approximately three years of construction to complete.

- 3. I-35 Operational Improvements Project (FM 2252 to Schwab Road):** Contractor Bridges and Roads, LLC, continues work on the VIA park and ride lots. The park and ride lots are expected to have curbs, electrical services, and asphalt by the end of May. Center medians and canopy structures are currently estimated to be complete by October of 2020. Construction also continues on the frontage roads. Lane closures and traffic rerouting will occur as necessary. Phase 2 of the project includes actual reconfiguration of ramps. Detours will be necessary and TxDOT and its contractors will keep the City informed of detours and closures and can assist in disseminating information to the public as needed. Estimated final cost of the project is \$25.5 million. The current schedule includes a project completion in April of 2021.
- 4. I-35 NEX (I-410 South to FM 1103):** No change from April update. A full description of the project to expand I-35 from I 410 South to FM 1103 can be found by searching keywords "I-35 from I-410" at TxDOT.gov. Schematic exhibits of the proposed improvements are available on that website. Public Works and Engineering staff are participating in utility coordination meetings with TxDOT and its contractors regarding relocations that may need to take place in advance of or in conjunction with the roadway construction. Construction is expected to begin in spring of 2021 and take 4 to 5 years to complete. The portion of the I-35 NEX project from the Cibolo Creek to its termination at FM 1103 has a cost of \$621 million.
- 5. IH-10 Graytown Road to Guadalupe County Line:** TxDOT and its consultant have been working on finalizing bid documents for this section of IH-10. Project design was able to be adjusted so that no City of Schertz utility facilities will be impacted and no adjustments are necessary to accommodate the proposed improvements. Letting of the project is expected to be July of 2020. Construction is expected to begin in November of 2020 at the earliest and January of 2021 at the latest. This approximately \$157 million project has a construction timeline of 53 months. (Note: The Graytown Road IH-10 overpass structure was demolished as part of the IH-10 project from LOOP 1604 to Graytown Road. The project referenced here is the next project on IH-10.)

Planning and Community Development Projects:

1. CityView Permitting and Development Software:

City staff and CityView have agreed on a phased approach for submitting the three modules which are as follows: Code Enforcement (CE), Planning (PL) and Permitting/Inspections

(PI). The CE Module was submitted to CityView on November 6, 2019 and the software was configured. City Staff was trained by CityView at three training sessions (December 2nd, 4th, and 9th, 2019) to validate (verify configuration) the Code Enforcement Module. The Planning Module was submitted on January 23, 2020 for configuration by the CityView Implementation specialists. The validation was put on a short pause during the COVID situation but as of April 27 City Staff is again actively validating the configured data for the CE module while also focusing on completion of the data collection for the Permitting/Inspections module which is approximately 90% complete. Staff has had several conference calls with CityView to finalize the data collection and focus on moving this project to completion. Once all modules are configured and the software is validated (tested) by City Staff, we move to end user staff training and then go live. A project completion timeline schedule will be determined once configuration and validation of modules have been completed.

- Total Project Cost: \$523,766.00
- Project Start Date: June 2018
- Project Completion Date: TBD - 2020

Information Technology Projects:

1. **Civic Rec Scheduling System:** The Parks and Recreation Department is moving forward with configuration training in preparation of an expected system launch on June 15, 2020.