

CITY COUNCIL MEMORANDUM

City Council Meeting: July 7, 2020

Department: City Manager

Subject: Update on major projects in progress/CIP, City View, Utility Meter Swap Out, 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: \$1.65 million
- Project Update: Contract language finalized with F.A. Nunnally. Awaiting final signatures on contract. Design fee not to exceed amount of \$174,300 was approved for contract by Council on May 12, 2020. Project design kick-off meeting occurred June 11, 2020. Staff interview meeting to discuss building needs occurred June 25, 2020. Weekly design meetings to start week of June 29, 2020.

Water Projects:

- 1. Utility Customer Portal Upgrade:** The new platform is up and functional for residents as of June 1, 2020. All previous functionality of MyWaterAdvisor is available in the new system. Citizens can now access usage information from the previous payment site and do not need to create a new log in. Staff is working with Tyler Technologies to finalize access to customize the system parameters and update wording on system alerts in house instead of contacting Tyler Customer Service.

2. FM 1103 Utility Relocation Project:

- Project Status: Under Construction
- Construction Start: August 2019
- Construction Completion: Summer 2020
- Cost of Construction: \$964,424.12
- Project Update: Work on abandoning the old water and sewer lines will be complete in June, which will complete the D. Guerra contract except for site restoration. After further review of the roadway design by TxDOT, two additional waterline relocation areas were identified. Due to contract limitations, the additional relocations will be required to be publicly bid. Staff is working to bid the additional work at the beginning of July with hopes of beginning the additional work in August.

3. E. Live Oak Pump Additions Project:

- Project Status: Under Construction
- Construction Start: April 2020
- Construction Completion: Winter 2020
- Cost of Construction: \$1,560,000.00
- Project Update: R.P. Constructors successfully tapped the existing water lines at the beginning of June. Work on the electrical component of the project is expected to begin at the end of June. Fabrication of the steel piping is expected to be complete in the middle of July, which will be followed by installation. The project is expected to be completed in winter 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: Traffic has been moved onto the east side of Schertz Parkway and work has begun on the west side of the street. The asphalt and curb and gutter has been removed and the excavation completed. The subgrade will be cement stabilized and the first concrete pour is scheduled for the week of July 6th. After the west side is complete the contractor will be doing some surface grinding on the east side of the street to improve the ride quality of the new pavement.

2. **2018 Street Preservation and Maintenance Rehabilitation Project:**

- Project Status: Under Construction
- Construction Start: April 2020
- Construction Completion: Summer 2020
- Cost of Construction: \$2,881,784.00
- Project Update: The Randolph reconstruction and the Northcliffe work are both complete. The Schertz Parkway mill and overlay project began at the end of June and is expected to be completed the week of July 6th.





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

- Project Status: Under Construction
- Construction Start: March 2020
- Construction Completion: Summer 2020
- Cost of Construction: \$791,174.34
- Project Update: This project is as complete as it can be at this time. The remainder of the chip seal on Live Oak Road will be completed after the curb, gutter, and sidewalk is constructed by a separate project later this year.

4. **Cibolo Valley Drive Expansion Project:**

- Project Status: Under Construction
- Construction Start: May 2020
- Construction Completion: Summer 2021
- Cost of Construction: \$4,806,762 total (\$1,300,000 City of Schertz Contribution)
- Project Update: Work continues on the west side of the street. Most of the underground utilities have been relocated out of the way of the new street section. Some of the storm drain piping has been completed and some base material has been placed. Work on the west side of the street is expected to continue for the next few months.

5. **2020 Street Preservation and Maintenance Project:**

- Project Status: Design
- Project Update: The Cherry Tree Rehabilitation Project was advertised for bid in early June and the bid opening is July 8th. Staff expects to make an award recommendation to Council on July 28th. Design continues on the Elbel Road Storm Drain and Mill & Overlay Project and the 2020 SPAM Resurfacing Project.

6. **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 onsite drainage channels and detention pond were completed in June. The pump pad and flow meter pad were poured and work began on installing the above ground piping. The electrical work continued throughout June. The electrical and pump work are expected to be completed in July and the final site features like paving and fencing are expected to be completed in August. The project is expected to be completed in August of 2020.



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

- Project Status: Design
- Estimated Construction Start: 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 Final Plat and Site Plan process. City Staff and CobbFendley successfully signed three more easements in June. The

total number of easements acquired is 20 out of a total of 21. The project is expected to be advertised for bid this summer.

8. Pedestrian Routes and Bike Lanes Project:

- Project Status: Design
- Estimated Construction Start: Fall 2020
- Estimated Cost of Construction: \$1.3 million
- Project Update: The final project design documents were submitted to TxDOT in June for final review and approval for bidding. Right of Way acquisition began in June for the Live Oak Road portion of work. The letting date for the project has been pushed back by TxDOT and is currently set for September of 2020.

9. Water and Wastewater Master Plan Update and Impact Fee Study:

- Project Status: Study
- Project Start Date: December 2019
- Project Completion Date: Spring 2021
- Total Project Cost: \$467,280 (NTE \$500,000)
- Project Update: Six rain gauges and fifteen flow meters were 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 was completed in June and results are being used to calibrate the wastewater system model. Data gathering is nearly complete for the water system to be constructed.

TxDOT Roadway Projects:

- 1. FM 1103 Improvement Project:** No change from June 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 has moved into the Plans, Specs, and Estimates (PS&E) stage of the project. At this time, a consultant for TxDOT has prepared 30% construction plans. Utility coordination for the project is also underway. The City has been provided a conflict matrix on which all utilities (water, wastewater, electric, communications, gas, etc.) that possibly interfere with the roadway project are preliminarily identified. Engineering and Public Works staff are reviewing those potential conflicts to identify where relocations need to be made and where easements will need to be acquired. TxDOT continues acquiring property needed as right of way for the expansion project. As parcels are acquired, TxDOT contractors are physically clearing the right of way in preparation for final surveying and design. TxDOT has not yet acquired parcels needed from JBSA-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. 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):** No change from June update. Contractor Bridges and Roads, LLC, continues work on the VIA park and ride lots. 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 June 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:** No change from June update. 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.

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. The data collection for the Permitting/Inspections module is approximately 95% complete and awaiting review by CityView. 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 launched the Civic Rec online registration system for Parks, Recreation, and Library Programs on June 15, 2020. Payments can now be taken online for various programs. Through the use of a GIS feature, the system is able to distinguish between residents and non-residents for various fees. The system is set up to mirror the FUN Guide that comes out with the magazine.

Some of the things that can be done on Civic Rec include:

- Check availability for park pavilion rentals
- Register a team for the Adult Kickball League
- Purchase Daddy Daughter Dance tickets
- Register for a Library Program
- Purchase a Veteran's Memorial Plaza Brick

In the future, it will also be used to sell outdoor pool admissions and season passes and register seniors for the Nutrition Program at the Schertz Area Senior Center.