

CITY COUNCIL MEMORANDUM

City Council Meeting: September 1, 2020
Department: City Manager
Subject: Update on Major Projects in Progress
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 Phase
- Estimated Construction Start: Fall 2020
- Estimated Cost of Construction: \$1.65 million
- Project Update: City Staff continues to work with F.A. Nunnally and Sledge Engineering on the design phase via weekly Zoom design meetings. Geotechnical onsite investigation was completed on August 3rd. Survey of the property was completed on August 3rd and survey documents were received on August 11th.

Water Projects:**1. FM 1103 Utility Relocation Project Phase I:**

- Project Status: Closeout Phase
- Construction Start: August 2019
- Construction Completion: Summer 2020
- Cost of Construction: \$964,424.12
- Project Update: City Staff generated a punchlist of items for the contractor to complete prior to final completion and the contractor continues to work on completing those items. Final completion is expected sometime in September.

2. FM 1103 Utility Relocation Project Phase II:

- Project Status: Pre-Construction
- Estimated Construction Start: September 2020
- Project Update: City Council approved the contract award with M&C Fonseca at the August 11th Council meeting. The signed contract, bonds, and insurance have all been finalized. A

preconstruction meeting is scheduled for August 28th and construction is expected to begin in early September. The contract duration is 45 calendar days.

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: Work on the electrical components of the project continued throughout August. Work on the conduits for the control pad were completed and the pad concrete was poured. Installation of the steel piping continued in August to allow for the electrical work to continue. 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
- Project Update: All of the concrete work has been completed. Contractor has been doing final clean-up and backfilling in the project area. The roadway is expected to be re-opened the week of August 31st. The project is not fully complete. Arrangements are being made to have the pavement ground to smooth out the surface and improve the ride quality. Additional traffic control set-ups will be done for the grinding operations.



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: All of the construction has been fully completed. Contractor is mostly complete with the punchlist. Staff anticipates the punchlist being completed in the next couple of weeks.

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: No change from August 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. Some of the base material has been placed and is being fine-graded. There are some storm drain culverts that need to be installed. These installations will occur in September and will require a change in traffic control set-up. We will be posting notices of the traffic control changes prior to them being made. The contractor anticipates having the west side of the new street completed in early October.

5. Cherry Tree Rehabilitation Project:

- Project Status: Bidding complete
- Consultant: Ford Engineering
- Project Start Date: Fall 2020
- Project Completion Date: Fall 2020
- Total Project Cost: \$273,193.80 (NTE amount \$300,600)
- Project Update: Council awarded the construction contract this month to San Antonio Constructors. The contract documents have been executed and Staff is coordinating a pre-construction meeting with the contractor. After the preconstruction meeting, Staff expects to have a preliminary construction schedule for the project.

6. Elbel Road Storm Drain and Paving:

- Project Status: Design
- Consultant: Ford Engineering
- Project Start Date: August 2020
- Project Completion Date: Summer 2021
- Total Project Cost: \$1,341,000 (estimated)

- Project Update: Design on the project continues. The consultant expects to have the design completed by the end of September. Once completed, the project will be bid. We anticipate construction beginning before the end of the year.

7. 2020 Street Preservation and Maintenance (Resurfacing) Project:

- Project Status: Design
- Consultant: Kimley-Horn
- Project Update: The majority of the field work is complete and the consultant is developing plans sheets. The design is anticipated to be complete by the end of the fiscal year.

8. Corbett Elevated Water Storage Tank:

- Project Status: Under Construction
- Construction Start: March 2019
- Construction Completion: Summer 2020
- Cost of Construction: \$4,682,000
- Project Update: The electrical and SCADA work continued throughout August. Delays in the electrical and final pump station work delayed the initial start up to late August. The tank is expected to be filled for the first time in early September. The onsite paving was completed in August and the work on the site fence continued throughout August.



9. Woman Hollering Creek Wastewater Interceptor Main and Lift Station:

- Project Status: Design
- Consultant: Cobb, Fendley & Associates, Inc.
- Estimated Construction Start: Fall 2020
- Estimated Cost of Construction: \$12 million
- Project Update: City Staff is reviewing final construction plans and specifications submitted by CobbFendley. Staff also continues to work on the Final Plat and Site Plan processes. The total number of easements acquired is 20 out of a total of 21. Negotiation of the final needed easement is in process. The project is expected to be advertised for bid this fall.

10. Pedestrian Routes and Bike Lanes Project:

- Project Status: Bidding
- Estimated Construction Start: Fall 2020
- Estimated Cost of Construction: \$1.3 million
- Project Update: The project was advertised on July 24, 2020 and bidding will close on August 27, 2020. The project is expected to be awarded in late September with work beginning in October. Right of Way acquisition continues for the Live Oak Road portion of work.

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

- Project Status: Study
- Consultant: Lockwood, Andrews, and Newnam, Inc.
- Project Start Date: December 2019
- Project Completion Date: Spring 2021
- Total Project Cost: \$467,280 (NTE \$500,000)
- Project Update: Meeting scheduled for September for Consultant to review water and wastewater models with City Staff.

12. 16" Dedicated Transmission Main Phase I:

Overall project intent is the construction of a 16" dedicated water transmission main to connect the Live Oak water storage facility to the IH 35 storage tank. Phase 1 of the project includes a route study, land acquisition coordination, and preliminary design of the main.

- Project Status: Study
- Consultant: Kimley-Horn & Associates
- Project Start Date: August 2020
- Project Completion Date: Spring 2021
- Project Cost (Phase I Study): \$267,848 (NTE \$294,000)
- Project Update: Notice to Proceed with route study given to Consultant August 26, 2020.

13. Stormwater Control Inventory and City Operations Assessment

The work of this project is an action included in the City's Stormwater Management Plan (Plan). The Plan is the blueprint of activities needed to comply with the City's Texas Commission on Environmental Quality (TCEQ) Texas Pollutant Discharge Elimination System (TPDES) General Permit required by virtue of the City's classification as a Municipal Separate Storm Sewer System (MS4) operator.

This project specifically consists of development of an inventory of City facility stormwater controls and an assessment of city operations as related to stormwater control and quality.

- Project Status: Study
- Consultant: Utility Engineering Group, PLLC
- Project Start Date: July 2020
- Project Completion Date: Spring 2021
- Total Project Cost: \$35,000
- Project Update: Project kickoff meeting held July 16, 2020.

14. Riata Lift Station Relocation (Design Phase)

Overall project intent is to relocate the Riata Lift Station ahead of TxDOT's IH-35 NEX Project to remove it from conflict with the proposed improvements. The design phase will identify a new site for the lift station, design the new lift station, and design the abandonment of the existing lift station.

- Project Status: Design Phase
- Consultant: Utility Engineering Group, PLLC
- Project Start Date: August 2020
- Project Completion Date: Spring 2021
- Total Project Cost: \$129,795 (NTE \$143,000)
- Project Update: Notice to Proceed with design phase given to Consultant August 17, 2020.

TxDOT Roadway Projects:

- 1. FM 1103 Improvement Project:** No change from August 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 updates). 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:** No change from August update. 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 August update at the time of memo completion. Completion dates for the project have slipped a few months due to COVID-19 impacts the contractor, subcontractors, and suppliers. Contractor Bridges and Roads, LLC, however, has committed to accelerating the schedule in order to recapture some of the delay. Work continues on the VIA park and ride lots. The lots should have curbs, center medians, electrical services, and asphalt by the end of August of 2020. The canopy pad structures are still estimated to be complete by October of 2020. Completion of paving of the widened areas of the frontage roads is imminent. Demolition for the southbound exit ramp to FM 1103, the southbound entrance ramp from Schwab Road, and the northbound entrance ramp from FM 1103 is scheduled for August. Traffic configuration involving ramps will change during this time. 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 50% completion in August of 2020, substantial completion in June of 2021, and final project completion in July of 2021.

4. **I-35 NEX (I-410 South to FM 1103):** No change from August 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 August 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 imminent. 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:

No change from last report - 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