Ivins City
Engineering Report to City Council
August 11, 2016

Planning Projects

Sewer and Irrigation Master Plans and User Fee Study: Bowen Collins has finished the section of the irrigation report regarding existing and future demands and has started working on modeling the irrigation system. We're still conducting meetings with WCWCD and City of St George to determine how to provide water to the Ivins Irrigation system.

Stormwater Management Plan: Staff was able to successfully update the SWMP and submit it to the State prior to the deadline on July 1st. The new permit also requires that the City update the stormwater ordinance to include some of the new regulations. Originally this ordinance was required to be in place prior to September 1st, but the deadline was extended by the State to December 1, 2016. However, the State has made further discussions with Utah League of Cities and Towns and Utah homebuilders and is now planning to further delay the requirement until 2019 to allow more time for all affected parties to work through implementation issues.

Tuacahn Wash FEMA Map Revision: Rosenberg is planning on providing the final submittal for signatures from the City on the 19th of August.

Design Projects

Storm Master Plan Improvements Project Phase 1: A kick off meeting with Bowen Collins and Associates took place August 2nd. They're working on the preliminary design analysis and cost estimates for different project alternatives. This preliminary analysis will help the City determine what alternatives and projects will be feasible given budgetary constraints. It's anticipated that the preliminary design analysis will be completed toward the end of September with final design completed by the end of November.

Kayenta Debris Basins: Jones and DeMille Engineering is working on the alignment for the access roads. They hydrology analysis is nearly complete. The preliminary locations for the dam structures have been identified. The engineers are also currently working through the environmental portion of the project.

Cliffrose 2 Million Gallon Water Tank Expansion: The final set of plans is currently being produced and is anticipated to being submitted to the state by the end of the week. This puts bidding of the project near the end of the month and anticipate bids received by early September.

Tuacahn Drive Trail: A kickoff meeting with Alpha Engineering took place July 29th. The engineers have an anticipated design period of approximately three months.

Tuacahn Pumping Station Upgrades: This pumping station will be upgraded in November.

Red Mountain Dams Rehabilitation: The Red Mountain Dams Draft Environmental Assessment is complete and we are waiting for a biological opinion from the US Fish and Wildlife. The NRCS has received funds for the design and we will start a consultant selection process so that we will be ready to proceed with the design once the environmental approvals are complete.

Construction Projects

Center Street Flood Wall: The original portion of the wall is completed. A three-foot-high wall return (between the wall and the trail) and small retaining wall has been added to the project and will likely be completed next week. The driveway approach and final grading is anticipated to be completed within the next two weeks.

200 West Irrigation Line: The project is completed.

Old Highway 91 Connection to Santa Clara Blvd.: The original scope of the project is all but complete. The change order involving the street lighting, bollards, and center median was approved and work has begun on these items. The final change order involving the landscaping is in the middle of the approval process. The project manager is hopeful that the landscaping portion of the project will be approved and that work involving the landscaping will begin by the end of the month.

Developer Projects under Construction

Engineering is managing and supervising the construction of the following developer projects:
Discovery Phase 2: 98% complete, landscaping needs to be finished
Encanto: 98% complete, landscaping final walk through needs to take place
Taviawk 11J: 98% complete, waiting for street signage to be finished
Cliff Rose Phase 2: 99% complete, waiting on light bulbs for lighting.
Silver Sage Phase 1: 80% complete, working on curbing.
Sentierre Phase 1 Villas: 15% complete, ready to start utilities
Rocky Vista University: 20% complete, installing underground utilities
RVU Student Housing: 5% complete, currently grading and processing soils
400 East Street Construction: 40% complete, finalizing the underground utilities.
Indigo Trails Phase 1: 85% complete,

Thomas Jorgensen P.E., Assistant Public Works Director/City Engineer — Date 8/11/16