Ivins City
Engineering Report to City Council
September 8, 2016

Planning Projects

Sewer and Irrigation Master Plans and User Fee Study: A draft of the Sewer Master Plan has been finalized, the impact fee portion of the report will be next. 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.

Tuacahn Wash FEMA Map Revision: The application and submittal is finishing up and should be ready for signatures from the City next week.

Design Projects

Storm Master Plan Improvements Project Phase 1: The preliminary design and cost estimates have been completed. From the analysis, it'd been decided to move forward with projects categorized as priority one and priority two, while priority three projects have been put on hold. Final design is still on track to be 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. This last week a roadway has been cut to be able to provide access for geotechnical testing.

Cliffrose 2 Million Gallon Water Tank Expansion: The bid opening is this Friday and the results of the bid will be provided by Council Meeting.

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

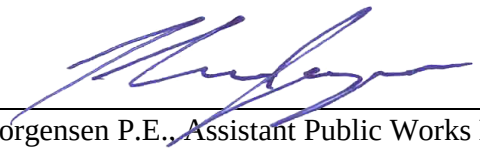
Center Street Flood Wall: The original portion of the wall is completed. A three-foot-high wall return (between the wall and the trail) and small retaining wall has been added to the project and has been completed. The only items remaining to be completed are final punch list items.

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 is nearly complete 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,



9/8/2016

Thomas Jorgensen P.E., Assistant Public Works Director/City Engineer Date