Ivins City
Engineering Report to City Council
July 12, 2016

Planning Projects

Sewer and Irrigation Master Plans and User Fee Study: Bowen Collins has completed analysis of the existing sewer model and the future sewer model and has prepared a preliminary list of potential capital improvement projects. Bowen Collins has started working on analyzing the irrigation system. We have been conducting meetings with WCWCD and City of St George to determine how to provide water to the Ivins Irrigation system. WCWCD is looking at securing the water from the Shivwits on a long term lease.

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.

Tuacahn Wash FEMA Map Revision: The hydrology & hydraulic analysis is complete. Rosenberg is working to complete mapping and exhibits.

Design Projects

Storm Drainage Improvements: Staff has issued an RFP for these projects. The proposals were reviewed by staff and consultants have been recommended to council. Jones & DeMille Engineering was selected for the Emergency Watershed Protection (EWP) – Kayenta Debris Basin project and has been approved by council. Bowen Collins & Associates will be recommended to council as the engineer for the other two projects, 2016 Storm Water Master Plan Projects and the Ivins Dams Rehab Project. J&DE has already started work due to the time constraints associated with EWP projects.

Cliffrose 2 Million Gallon Water Tank Expansion: Following a review meeting with Kayenta and Terry Marten, the tank location has been changed to alleviate concerns that it will be visible to the surrounding residents. This change required the plans to be reconfigured and are anticipated to be completed by the end of July. Contractors have been pre-qualified and a short list has been assembled. We anticipate that the bid will occur during the month of August.

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 initial earthwork for the project has been completed. The wall is currently being constructed and is nearly halfway complete. Following the construction of the wall, final grading and cleanup will be completed. The wall is anticipated completed by the 22nd of July, with final grading and clean up completed by the end of the following week.

200 West Irrigation Line: City staff has installed the irrigation vault on the south side of Highway 91 and nearly completed the remaining portion of the line up to Unity Park. The project will likely be completed by the end of the week.

Old Highway 91 Connection to Santa Clara Blvd.: The project is under construction by Sunroc and slated in the next few weeks, however, we are working to approve a change order for a landscaped median in the Ivins portion of the project, which may push the completion date for the project out to August.

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 needs to be finished
Taviawk 11J: 98% complete, waiting for street signage to be finished
Cliff Rose Phase 2: 95% complete, need to complete landscape buffer area.
Silver Sage Phase 1: 40% complete, installing sewer line, nearly complete.
Sentierre Phase 1 Villas: 15% complete, ready to start utilities
Rocky Vista University: 15% complete, installing underground utilities
RVU Student Housing: 5% complete, currently grading and processing soils
400 East Street Construction: 20% complete, starting underground utilities
Indigo Trails Phase 1: 85% complete,

7/14/16

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