# Ivins City
# Engineering Report to City Council
# October 13, 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.

**Tuacahn Wash FEMA Map Revision:** The application is complete and has been submitted to FEMA for a 90-day review period.

## Design Projects

**Storm Master Plan Improvements Project Phase 1:** 60% plans have been delivered to the City for review. Final design is still on track to be completed by the end of November.

**Kayenta Debris Basins:** Jones and DeMille Engineering is working to have a 60% design completed by middle of October. Geotechnical testing has been completed and preliminary analysis of the dams has also been complete.

**Cliffrose 2 Million Gallon Water Tank Expansion:** The construction contract has been awarded to Cox Contracting. A preconstruction meeting was held last week and construction is anticipated to begin this week or next. The first phase of the project includes dismantling of the existing 1 MG steel tank (2-3 weeks), followed by earthwork (3-4 weeks).

**Tuacahn Drive Trail:** A 60% design has been submitted to the City and comments have been given regarding the design. It is anticipated that the engineers will be on track for a 100% design submitted by the end of the month or early November.

**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 as well as the biological opinion from the US Fish and Wildlife. The NRCS has received funds for the design and Bowen Collins has been selected by Staff to do the design. It is anticipated that design will begin during the spring of 2017.

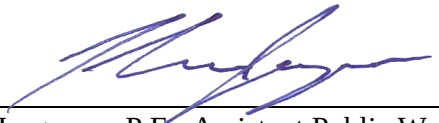
## Construction Projects

**Center Street Flood Wall:** The project is 100% complete.

**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 is nearly complete. The final change order involving the landscaping is complete and work has begun on the landscaping portion of the project. It is anticipated that landscaping will be completed near the middle or end of November.

**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 & 2: 80% complete, working on asphalt.
Sentierre Phase 1 Villas: 20% complete, working on utilities.
Rocky Vista University: 30% complete, finished with underground utilities.
RVU Student Housing: 15% complete, working on underground utilities.
400 East Street Construction: 70% complete, paving and curbing nearly complete.
Indigo Trails Phase 1: 85% complete,



10-13-16

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