Ivins City
Engineering Report to City Council
August 17, 2017

Planning Projects

Sewer, Culinary Water, and Irrigation Master Plans and User Fee Study: The Sewer Master Plan and Impact Fee Analysis are complete and adopted. Bowen Collins is working on the sewer rate study and the irrigation master plan and user fee study. The Culinary Water Master Plan was approved by Council in June and Bowen Collins has begun working on that study as well. Our anticipated completion date for the irrigation and culinary water plans is towards the end of the year.

Tuacahn Wash FEMA Map Revision: The application was submitted to FEMA for a 90-day review period. During that time FEMA has requested additional information from the engineers. That information has been resubmitted and FEMA is in the process of reviewing the new information.

Design Projects

Storm Master Plan Improvements Project Phase 1: 90% plans have been delivered to the City for review. There are several conflicts that need to be resolved before a final plan set can be finished. Staff and the engineers are working through those conflicts with hopes of a resolution this summer/fall. Staff is also working on a grant application for a portion of the Phase 1 project.

Kayenta Debris Basins: Jones and DeMille Engineering is working on the final submittals to NRCS and completing final reviews on the construction drawings and specifications. The environmental portion has been submitted and a determination has been made. The project requires formal consultation for the Desert Tortoise and will take up to 45 days to complete. Once the 45 day period is done construction can begin. This reflects an anticipated start date in the end of September or early October. Despite the delay on the debris basin project, we're moving forward on the culvert crossing on Old Hwy 91. Construction is still on track to start the middle of this month.

Red Mountain Dams Rehabilitation: The design kickoff was held in April. The plan is to complete the design this summer and be ready to make the improvements during the tortoise inactive season this next winter. The project engineers have submitted the draft design report and the 30% drawings for review.

Ivins Reservoir: The design is nearly completed, staff still needs to work with the State Dam Safety regarding the approval of the design. Anticipated construction is this fall or next spring.

600 West 400 South Gap Fill: The design kickoff was held in May. The plan is to realign 600 West to intersect with Old Hwy 91 at a right angle. The realignment of 600 West also requires a realignment of 400 South for the two streets to intersect at right angles. The concept design is anticipated to be completed near the end of summer with construction anticipated this fall or next spring.

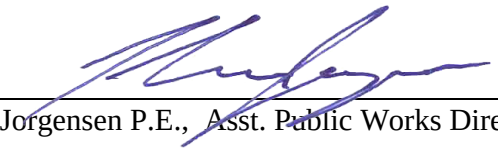
Construction Projects

Cliffrose 2 Million Gallon Water Tank Expansion: The concrete work for the headwalls and erosion control is complete which leaves only the landscaping and fencing to be completed. It is anticipated that the landscaping and fencing might not be completed until the fall.

SCADA Improvements Project: The SCADA improvements are complete with a few remaining punchlist items yet to be completed.

Developer Projects under Construction

Engineering is managing and supervising the construction of the following developer projects:
Crimson Canyon: 0%, should be starting late July or early August.
Santarra Estates: 20%, earthwork and underground work has begun.
Shadow Canyon Phase 3: 99%, waiting for lighting and landscaping in common area.
Discovery Phase 2: 99% complete, landscaping needs to be finished.
Cliffrose Phase 3: 5%, earthwork and underground work has begun.
Silver Sage Phase 1 & 2: 99% complete, waiting for street lighting
Sentierre Phase 1 Villas: 70% complete, working on surface improvements.
Rocky Vista University: 95% complete, working on a few remaining items with underground utilities, mainly working on the building and surrounding parking.
RVU Student Housing: 80% complete, nearly finished with all underground utilities, work has been moving forward on the buildings, landscaping, etc.
Indigo Trails Phase 1: 99% complete, waiting for signage and lighting.



8/10/2017

Thomas Jorgensen P.E., Asst. Public Works Director — Date