Ivins City
Engineering Report to City Council
May 13, 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 will start analyzing the irrigation system.

Storm Drain Master Plan and User Fee Study: City Council has set a hearing date for an increase in Storm Drain user fees per the user fee study.

Stormwater Management Plan: The State of Utah Division of Water Quality has updated the stormwater permit requirements for all cities that fall under the MS4 designation such as Ivins. We are required to update the City's Stormwater Management Plan within 120 days which makes the plan due on June 29th.

Tuacahn Wash FEMA Map Revision: The hydrology analysis is complete. Rosenberg is working to complete a hydraulic analysis.

Design Projects

Storm Drainage Improvements: Staff is working to develop a request for proposals (RFP) for a consultant to prepare plans for the storm drain improvements that were approved by the new master plan. This selection process may also be used for the selection of a consultant for the Red Mountain Dams Rehab and the Kayenta debris basin project.

Cliffrose 2 Million Gallon Water Tank Expansion: Staff is anticipating the submittal of the 100% design very soon. Advertisement for contractor pre-qualification will start this weekend. Bid opening is planned for the end of June.

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.

Center Street Flood Wall: Staff is negotiating to reduce the cost of the earthwork by asking earthwork contractors to reconsider initial bids. It is anticipated that the wall be under construction by June 1st and expected to be completed by the end of June.

Construction Projects

200 West Irrigation Line: City staff will complete this project since there was significant difficulty in finding an available contractor. Staff is lining up materials and resources to start the project in the next week or so.

Ivins Reservoir: The recreation bay has now filled with water. Public Works is providing some support to the Parks Department in preparing the recreation area to be available to the public.

Road Maintenance Contract: Morgan Pavement has installed the slurry. Staff is working through some quality issues with the type I slurry. The contractor was not controlling its mix well enough and as a result the smoothness of the mat is not in accordance with the specification. The specification allows for a 5% deduction of pay based on the mat appearance, which may be necessary to enforce. For now, staff has requested that the contractor identify a remedy. They brought a pneumatic roller, which appears to have not improved the mat appearance much, if at all. We are still in meetings with Morgan Pavement to resolve the problem.

Old Highway 91 Connection to Santa Clara Blvd.: The project is under construction by Sunroc and slated to be completed in June. We are working to approve a change order for a landscaped median in the Ivins portion of the project. Project is still on track, except that the change order may push the completion date for the project out to August.

Desert Rose Park: The completion of the asphalt and concrete work has been delayed to allow the Parks Department to add some improvements ahead of the work, to avoid the potential for future damage. It now appears that we are ready to install the asphalt and concrete.

Developer Projects under Construction

Engineering is managing and supervising the construction of the following developer projects:
Cantera Cliffs: 100% complete, warranty period expires April 2017.
Palisades at Snow Canyon Phases 3, 4 & 5: 100% complete, warranty period expires May 2017
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: 70% complete, expected to be asphalted in 3 weeks.
Silver Sage Phase 1: 5% complete
Sentierre Phase 1 Villas: 10% complete, currently grading and processing soils
Rocky Vista University: 10% complete, currently grading and processing soils
400 East Street Construction: Just starting construction.

Charles K. Gillette — 5/13/2016

Charles Gillette P.E., Public Works Director/City Engineer Date