Ivins City
Engineering Report to City Council
December 15, 2022

Planning Projects

Coyote Gulch Wash LOMR: Rosenberg Associates has completed all the base mapping and has run through the hydrologic and hydraulic portions of the study. Rosenberg will begin working on the submittal package.

R&PP Application for 100 acres (public works yard, City park, City cemetery, etc.):
The BLM and Fish and Wildlife Service has agreed to reduce the mitigation ratio from 5:1 to 4:1. Staff has also been working on reducing the overall area that the City will be acquiring. The area has been reduced from about 100 acres, down to approximately 80 acres. The last cost estimate, for the full 100 acres and at the 5:1 mitigation ratio, was approximately $1.2 million. See below for the updated estimate, which reflects about a $320,000 reduction.

Mitigation Type	Acreage		Ratio		Unit Cost		Total Cost
Land	80 Acres	x	1	x	$8,500 per acre	=	$680,000
Remuneration Fee	80 Acres	x	3	x	$ 941 per acre	=	$225,840
					TOTAL COST		**$905,840**

Staff has been working on updating the plan and list of potential amenities that would be included in the park. Once completed, Staff will work with BLM to move the project forward. Staff is also working with the Mayor to explore other methods for reducing the mitigation ratio before we accept the 4:1 ratio determination.

Staff is also working on an RFP for an engineering firm to begin the design process for the project.

Sewer Master Plan: Consultant is working on the initial draft of the master plan.

Storm Drain Master Plan: Consultant is working on the initial draft of the master plan.

Design Projects

Irrigation System Phase 1 Improvements Project: Staff has been meeting with the consultant every 1-2 weeks to go over the potential Phase 1 Improvements project. Staff has also been updating the irrigation mapping and potential projects that could tie the most existing sub-divisions with the least amount of effort. Staff has also been working with the consultant regarding the feasibility of a secondary system over just having a culinary system.

Old Highway 91; 200 E to Shivwits: Council has approved the project. The contractor is awaiting the final award on the project with regards to the UDOT approval process. It is anticipated that they will be starting work in January.

400 West Gap Fill: Staff is working on designing a "gap fill" project along 400 West from approximately 200 South to 300 South. The project would consist of additional asphalt, curb and

gutter, and a 10’ asphalt path. The design is about 80% complete and staff is hoping to bid the project out in either January or February, with construction beginning early 2023.

Construction Projects

Ivins City Cemetery: The project is complete.

Developer Projects under Construction

Engineering is managing and supervising the construction of the following developer projects:

Mojave Flats Phase 1: 90%, currently working on surface improvements and final punch list items.
Anasazi Vista Phase 3-5: 95%, currently working on some punch list items, walls, and landscaping.
Black Desert Golf Course: 100% complete.
Indigo Trails Phase 2A-2C: 85% complete, working surface improvements.
Taviawk 12D: 40% complete, they are currently work on underground utilities.
Unity Village: 30% complete, currently working on site grading and the underground utilities.
Crossings at Red Desert: 5% complete, currently working on site grading an over-excavation for the site.



12/08/2022

Thomas Jorgensen, P.E., Assistant City Engineer Date