Ivins City
Engineering Report to City Council
October 20, 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: Staff conducted a project kickoff meeting in September.

Storm Drain Master Plan: Staff conducted a project kickoff meeting in September.

Design Projects

Irrigation System Phase 1 Improvements Project: Staff has been meeting with the consultant every 2-3 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.

Old Highway 91; 200 E to Shivwits: The project advertisement was held up but was officially advertised on October 8th. Bid opening is happening at the end of October.

The City was also successful in getting $2 million of funding into the current version of the new infrastructure bill. There is a chance that the funding wouldn't make it to the final version of the bill and the bill has also not been officially passed, but Staff is optimistic that the City will receive this funding. The funding wouldn't be available until October of 2023, so these funds would not be available for use in this current phase of the project. It is anticipated that the City would use these

funds as part of the next phase of the project, which would include a resurfacing and adding bike lanes to Old Hwy 91 from 600 West out to the Shivwits border.

Construction Projects

Ivins City Cemetery: The grading and site improvements for the Ivins City cemetery began at the end of September. The project is well underway, the over excavation is complete. Final grading is ongoing, and the site improvements will likely be installed toward the end of October/beginning of November.

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: 80% complete, working surface improvements.
Taviawk 12D: 35% complete, they are currently work on underground utilities.
Unity Village: 15% 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.



10/17/2022

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