Ivins City
Engineering Report to City Council
January 19, 2023

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: The Notice to Proceed has been give to the contractor. The anticipated start date is currently January 17th, but the availability of materials might push the start date to some time mid-February. Currently, the anticipated completion date is September of this year.

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.

Active Transportation Path Gap Fill Project: Staff has applied for Carbon Reduction and Transportation Alternative Program Funding through the Dixie MPO. The project has been recommended for approval through the Dixie Transportation Technical Committee but is awaiting final approval from the Executive Committee. If approved, Ivins City would receive approximately $618,000 from the MPO. Ivins City has a required matching amount of $100,000. Staff is estimating the project is approximately $1.3 million, leaving a deficit of approximately $540,000. Staff will continue working on acquiring the necessary funds to construct the project as outlined.

With anticipation of receiving these funds Staff has begun working on an request for proposals for a local firm to complete the engineering for the project since the funds have obligation timeline requirements. There are eight locations that Staff is targeting for these funds. The locations and details can be found at this website.



Construction Projects

Developer Projects under Construction

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

Mojave Flats: 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.
Indigo Trails Phase 2A-2C: 85% complete, working surface improvements.
Taviawk 12D: 50% complete, they are currently working on underground utilities.
Unity Village: 40% 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.
Black Desert Resort Center: 5%, currently working on underground utilities.



1/10/2023

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