Ivins City
Engineering Report to City Council
July 21, 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 on an RFP for an engineering firm to begin the design process for the project.

Design Projects

Irrigation System Phase 1 Improvements Project: Now that the Dry Wash reservoir has been approved, the design of the first phase of the irrigation system will begin. Staff has met with the two consultants this month to discuss how to proceed.

Old Highway 91; 200 E to Shivwits: The project kickoff was held in May of 2020. The project is being delayed due to right-of-way acquisition. Once right-of-way has been acquired for the project, we'll move into finalizing the design and bidding the project out. Staff is anticipating that we'll be bidding the project out, at the latest, August of this year. August is the deadline for advertising the project because the City stands to lose out on funding for the project.

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.

Tuacahn Tank Recoating: Staff has been meeting with Sentierre to go over options for replacement of the tank rather than recoating the existing tank, per the request of the City Council. Sentierre is looking to gather budgetary costs for the project, along with preparing a rendering of the tank to provide a visual of the proposed tank.

Construction Projects

No improvements currently being constructed

Developer Projects under Construction

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

Mojave Mesa Phase 1C: 100%
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: 85% complete, they are working on the final improvements for the holes and driving range.
Palisades Phase 8: 95% complete, working on landscaping.
Indigo Trails Phase 2A-2C: 80% complete, working surface improvements.
Taviawk 12D: 30%, they are currently work on underground utilities.



7/13/2022

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