

Requestor: Regional Flood Control District
Date: March 26, 2015

Future Pima County Bond Election Proposed Project

Project Name: Cemetery Wash Drainage Improvements

Location: Tohono O'odham Nation, San Xavier District

Scope: This project will be done in two phases. Phase 1 is for construction of two sets of reinforced concrete box culverts under Mission Road and San Xavier Road, which will provide all-weather access for emergency vehicles, school buses, residents and tourists to cross both Cemetery Wash crossings safely. Phase 2 is for construction of approximately 2,100 linear feet of levee along Cemetery Wash to collect and convey storm waters into constructed channels downstream of San Xavier Road, which ultimately drain into the Santa Cruz River.

Benefits: The project will remove dozens of homes from the 100-year floodplain located within both San Xavier District and Pima County jurisdictions as well as provide all-weather access to residents and emergency vehicles. In addition, San Xavier del Bac Mission tourists will benefit from improved access during the heavy visiting period of the summer and the monsoon season.

Total Cost Estimate: \$4,000,000.00

Bond Funding: \$2,000,000.00 (Construction of Phase 1)

Other Funding: The San Xavier District will pursue other funding but none identified at this time. A preliminary design and cost estimate were completed by the Bureau of Reclamation in 2010 and a final design by the Bureau of Reclamation was completed in 2015. Flood hazard mapping has been completed in the project area by Tetra Tech under Indian Health Service funding. A preliminary jurisdictional delineation has been completed in preparation for a US Army Corps of Engineers 404 permit.

Total Cost Estimate by Major Task: \$2,000,000.00 for construction.

Fiscal Year Project Start and Finish Date: FY 16/17

Project Schedule by Major Task: Construction 12 months

Project Management Jurisdiction: San Xavier with assistance from RFCDD.

Operating Jurisdiction: The San Xavier District will be responsible for maintenance built outside the Pima County ROW. Pima county DOT will be responsible for the two box culverts built within Pima County ROW.

Future Operating and Maintenance Costs: Estimated annual costs of \$25,000.00.

Regional Benefits: Benefits residents of both the San Xavier District as well as unincorporated Pima County. Regional transportation benefit of all-weather access along Mission and San Xavier Roads.

Supervisor District of Project Location: District 3 – Sharon Bronson