



Rainbow Valley Area Drainage Master Plan - Proposed Alternatives

ALTERNATIVE 2 - NEW REGULATIONS

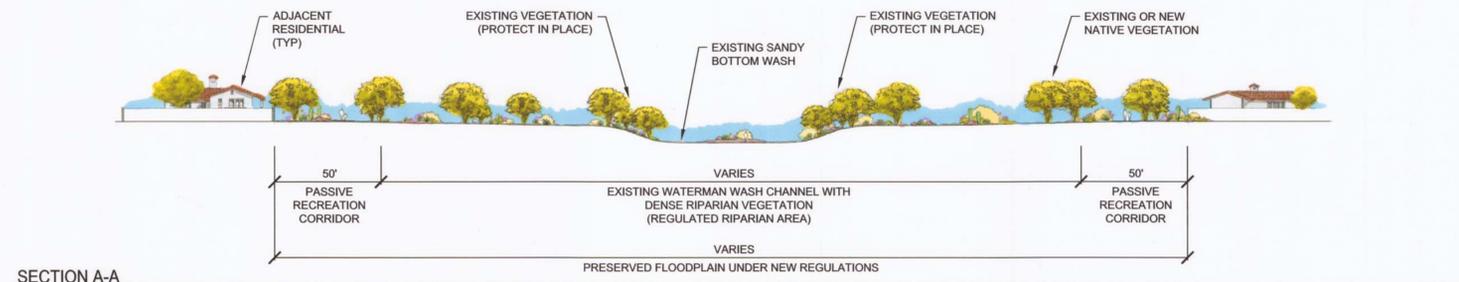
Description: Flood hazard mitigation planning and development will be guided by new regulations and/or rules of development. These regulations/rules of development will focus on reducing flood hazard risk through modifications to land-use plans (changing the underlying cultural setting), using FLO 2D (two-dimensional hydraulic model) to assist in developing guidelines for areas with distributary flows, and coordinating planned road development to be responsive to flooding characteristics in a manner that

minimizes structural flooding mitigation requirements and their associated costs. Other measures would include working with the City of Goodyear to develop additional implementation strategies for the *Waterman Wash City of Goodyear Conceptual Corridor Study* that accomplish project goals and objectives; working with local municipalities and agencies to develop guidelines for development in other floodplains to preserve or enhance the beneficial functions served by these floodplains; and

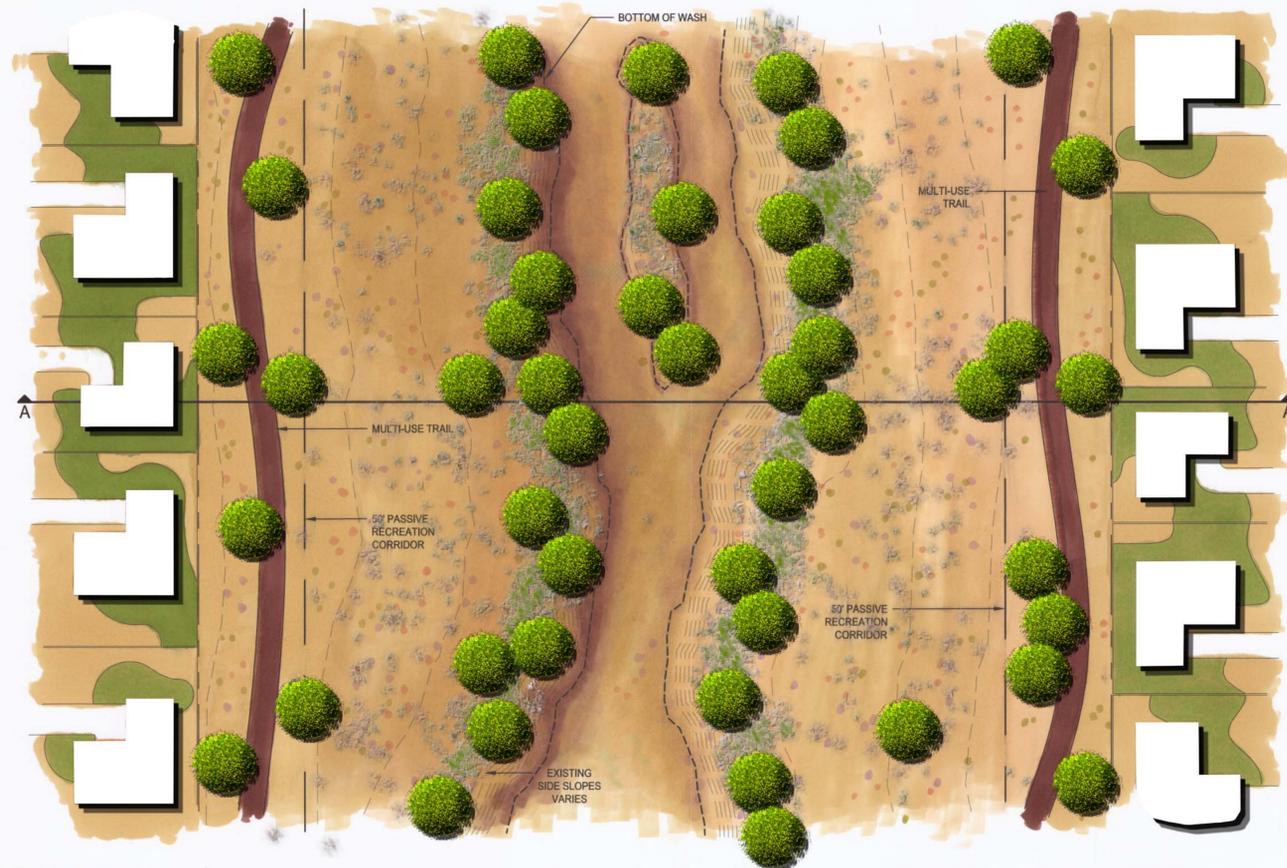
developing Section 404 mitigation banking strategies for the project area that allow developers to work with local and regional agencies to focus floodplain restoration or enhancement measures where they will have a greater cumulative beneficial impact than individual, project-by-project mitigation may be able to accomplish.

Proposed Flood Protection Method:
Non-Structural

Compatible Landscape Design Themes:
Natural Sonoran Desert Upland
Natural Sonoran Desert Upland Riparian
Natural Lower Sonoran Desert
Natural Lower Sonoran Desert Riparian



SECTION A-A



TYPICAL PLAN VIEW



Existing Significant Tributary Wash - to be Preserved under New Regulations

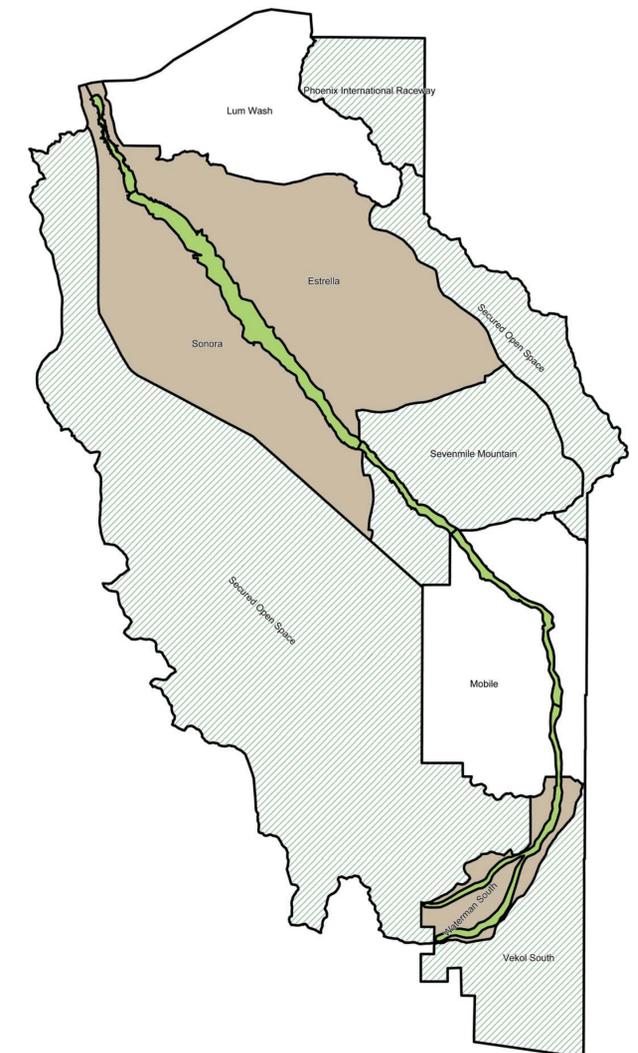


Distinctive Character of Waterman Wash to be Protected



Undeveloped Managed Public Lands have low flood risk and do not require New Regulations

KEY MAP



- Planning Unit where Flood Hazard Mitigation is achieved through New Regulations
- Planning Unit where Flood Hazard Mitigation is achieved through Land Use Management or Existing Regulations
- No New Regulations are proposed for this Planning Unit
- Flood Hazard Mitigation achieved through implementation of updated Waterman Wash Guidelines