



Rainbow Valley Area Drainage Master Plan - Proposed Alternatives

ALTERNATIVE 6 - POCKET BASINS

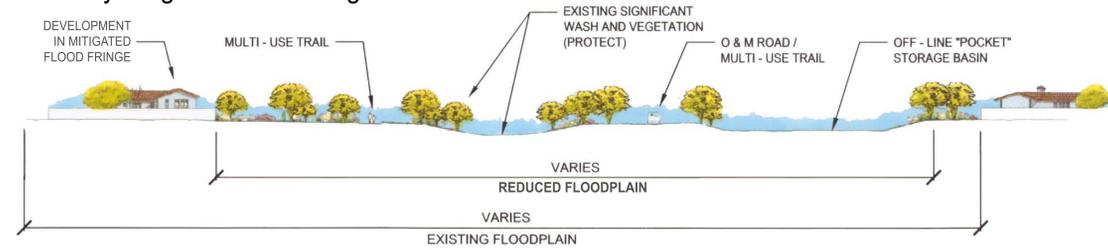
Description: This alternative also recognizes that development will occur in the Rainbow Valley area and seeks to establish opportunities to include the preservation of open spaces and the beneficial functions served by floodplains with sensitive land-use planning. Flood protection is provided through off-line basins in the floodway fringe of the existing washes

outside of the incised channel. These basins would serve to store high flood flows without eliminating low flows and give more flexibility to developers for developing within other areas of the floodway fringe. These basins would be designed to perform the same functions and provide the benefits associated with

overbank flows within floodplains. Other design guidelines would include the protection of the multi-storied vegetative communities associated with the floodways and near-fringe while enhancing the pocket basins through mitigation banking and other cooperative measures.

Proposed Flood Protection Method:
Non-Structural, Soft-Structural, Semi-Soft Structural

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

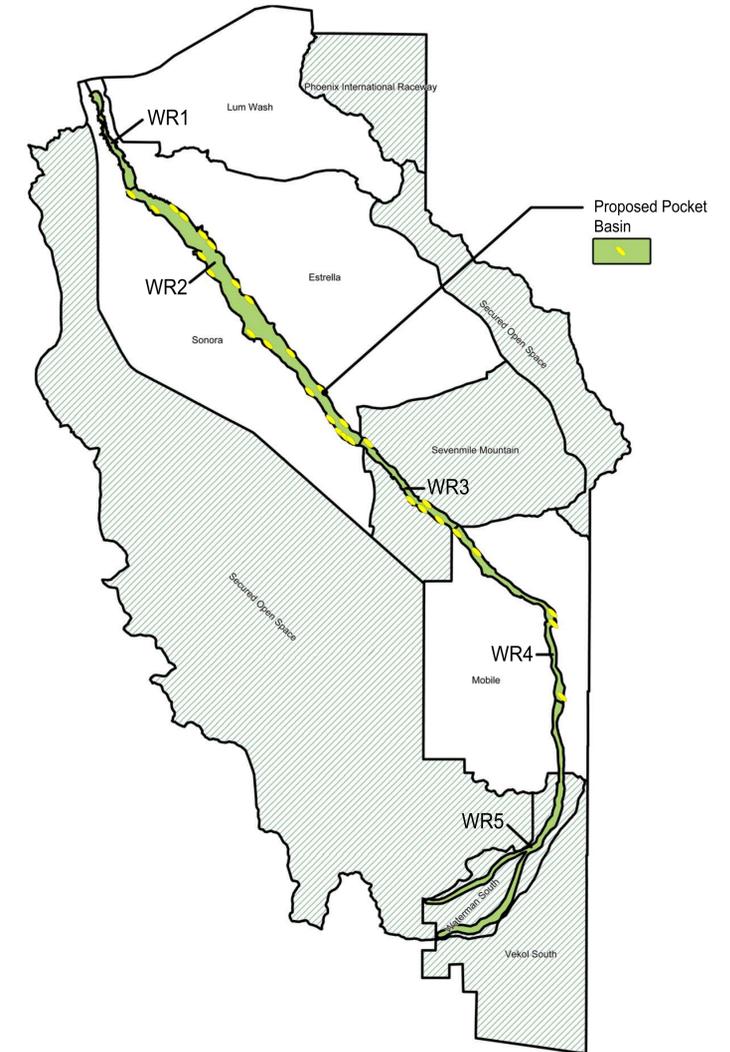


SECTION A-A



TYPICAL PLAN VIEW

KEY MAP



- Planning Unit where Flood Hazard Mitigation is achieved through Land Use Management or Existing Regulations
- Pocket Basins not applicable in this Planning Unit
- Flood Hazard Mitigation achieved through implementation of updated Waterman Wash Guidelines