

SOURCE: ESRI 2015

Big Canyon Habitat Restoration and Water Quality Improvement Project. D130934

Big Canyon Watershed Restoration and Coastal Adaptation Phases I and II

Figure 1 - Phase 2A Location



SOURCE: ESRI; Dudek; ESA

Big Canyon Restoration - Phase 2A

📕 ESA

Proposed Project



Figure 3 - Big Canyon Pepper Tree Forest

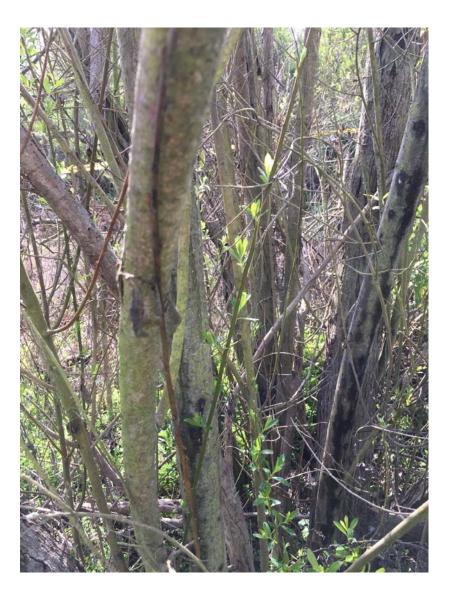


Figure 4 - Example of Arroyo Willow Attacked by PSHB in Big Canyon (Dark blotches on trunk.)



Phase 2C - Removal of invasive plants and grading to provide for long term transitional habitat due to SLR

Phase 2C - Increased tidal flows by culvert enhancements under **Back Bay Drive**

ALTERNATIVE A Phase 2B - partial removal of impacted sediments from the fresh water pond and placement and closure in a place with a protective cover

> Phase 2B - Branch of Big Canyon Creek realigned through the remediated pond area and the riparian habitat corridor re-established.

ALTERNATIVE B Phase 2B - Removal of impacted sediment and vegetation and off-site disposal - restoration of a larger area of riparian habitat

> Phase 2A - Remove Invasive Brazilian Pepper Trees and Restore Riparian Corridor with

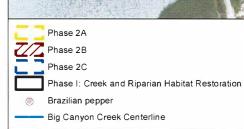
Phase 2A - Enhancement of existing braided channels and seasonal wetlands

> **Big Canyon** Country Club

> > Feet

380

Re-vegation of Native Plants



Big Canyon Coastal Habitat Restoration and Adaption - Project Phasing

