

Restoration Design

Arastradero Preserve Channel Daylighting, City of Palo Alto, California



Background

Balance Hydrologics teamed with a major restoration ecology firm in developing a design for a restoration project for the City of Palo Alto Open Space Division. The City acquired a 13 acre site in which a tributary of Arastradero Creek was largely confined to buried cement culverts.

The goal of the project was to daylight the tributary creating a functioning riparian corridor suitable for habitation by a wide range of native plants and wildlife. Construction documents were prepared and implemented for the purpose of demolishing the existing cement culverts, restoring over 1,000 linear feet of meandering channel within an excavated floodplain, and placing woody debris and native riparian plants that would provide valuable habitat and serve to armor the banks from erosion.

