COUNTY OF SANTA BARBARA

Goleta City Boundary

Geomorphic field sites and channel classifications

- Geomorphic reconnaissance sites
- Underground culvert
- Natural alignment, fewer geomorphic impacts
- Natural alignment, more geomorphic impacts
- Concrete channels

Notes:
Qualitative classifications were made based on point observations along each channel, review of local reports, and aerial photograph interpretation.

Channels that appear to be in approximately the same alignment as original topographic maps are classified as "Natural alignment". These channels were subdivided into reaches that generally show more or less evidence of geomorphic impacts. Impacts include fish passage impediments, bank erosion, high sedimentation, and/or channel confinement (incision, fence revetment or bank protection structures).

Bedrock sill and streamwood approaching confluence into Bell Canyon

El Encanto

Concrete channel

Culvert impedes fish passage and sediment transport

Streamwood accumulation provides habitat and structure to the channel

Notes provide important aquatic habitat, including for juvenile steelhead fish

Culverts provide important aquatic habitat, including for juvenile steelhead fish