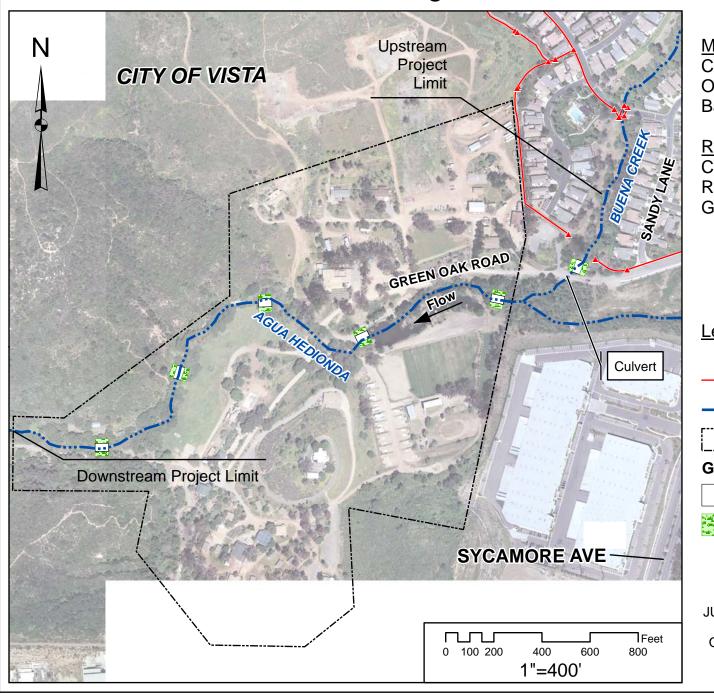
### Appendix C. Stream Restoration Concept Sheets

(This page left intentionally blank.)

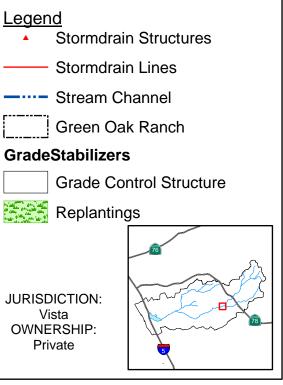
# Site #SR-1: Agua Hedionda Reach 9

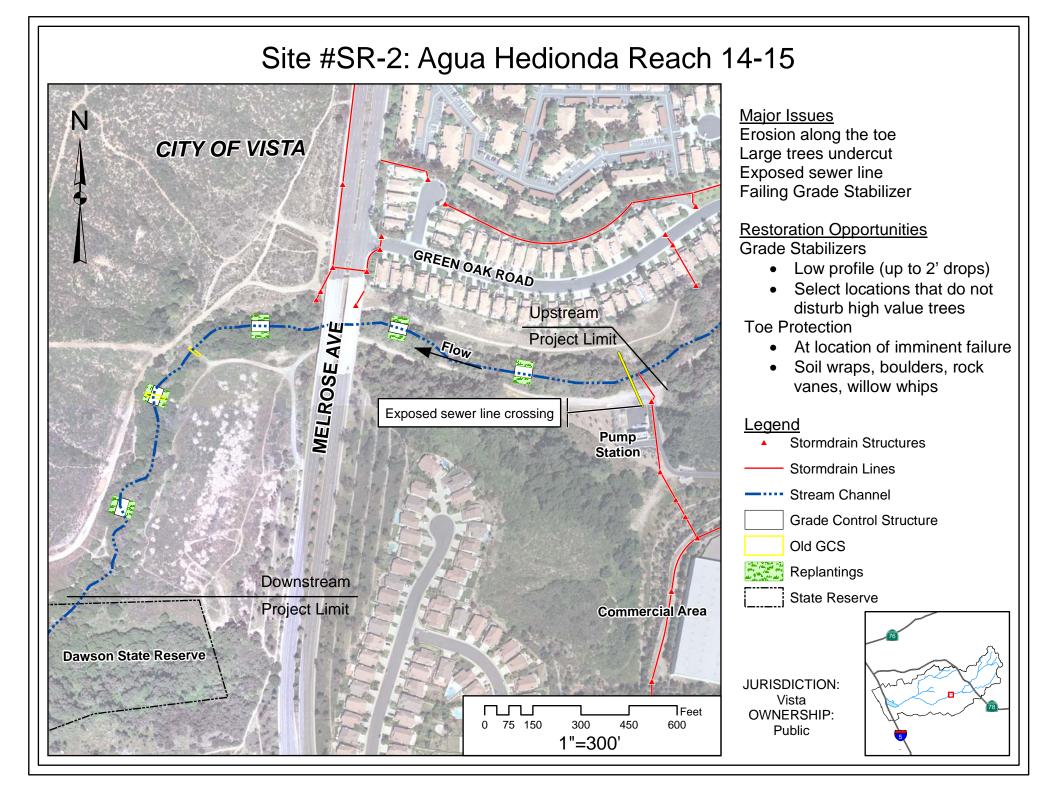


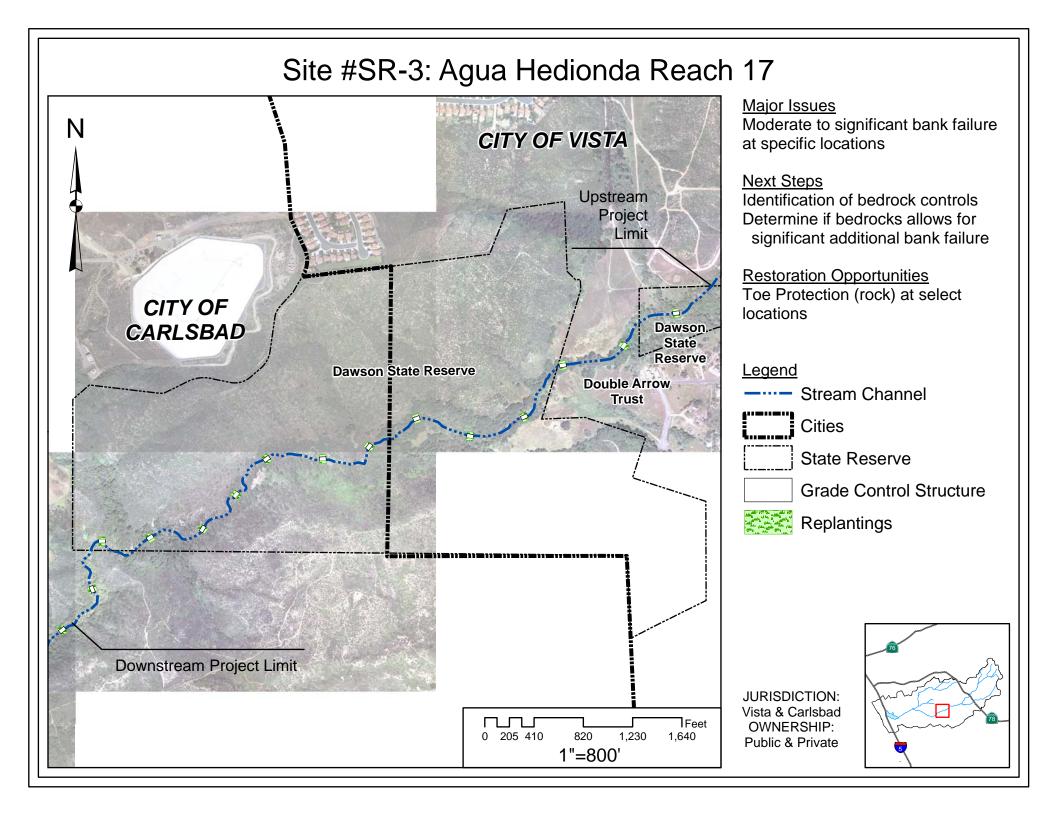
Major Issues Clogged culvert Obstructed culvert entrance Bank erosion

Restoration Opportunities Clean culvert Regrade culvert entrance area Grade Stabilizers

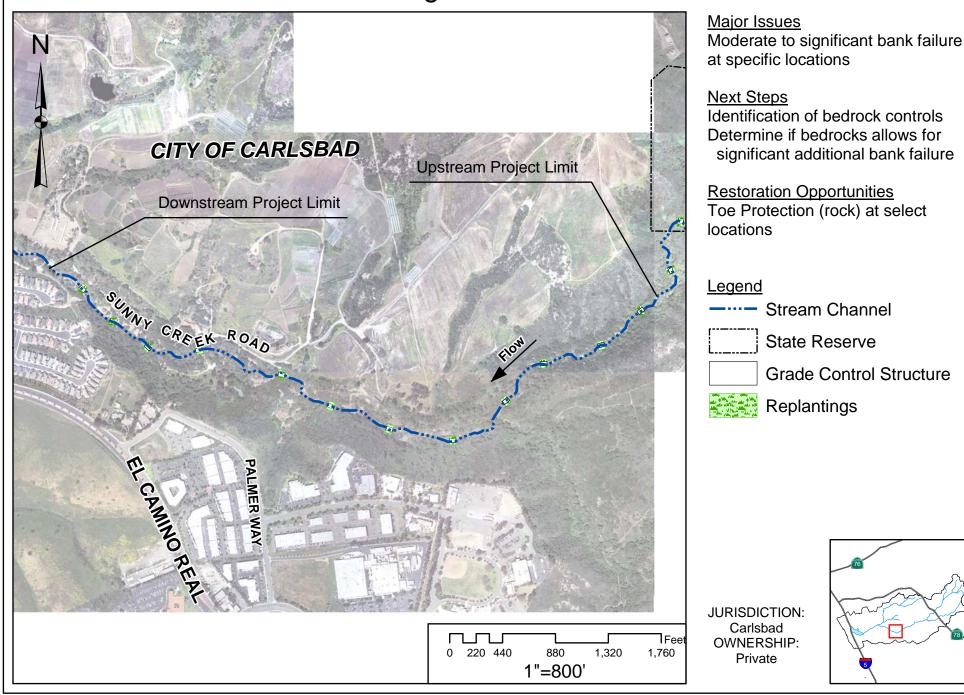
- Low profile (up to 2' drops)
- Select locations that do not disturb high value trees

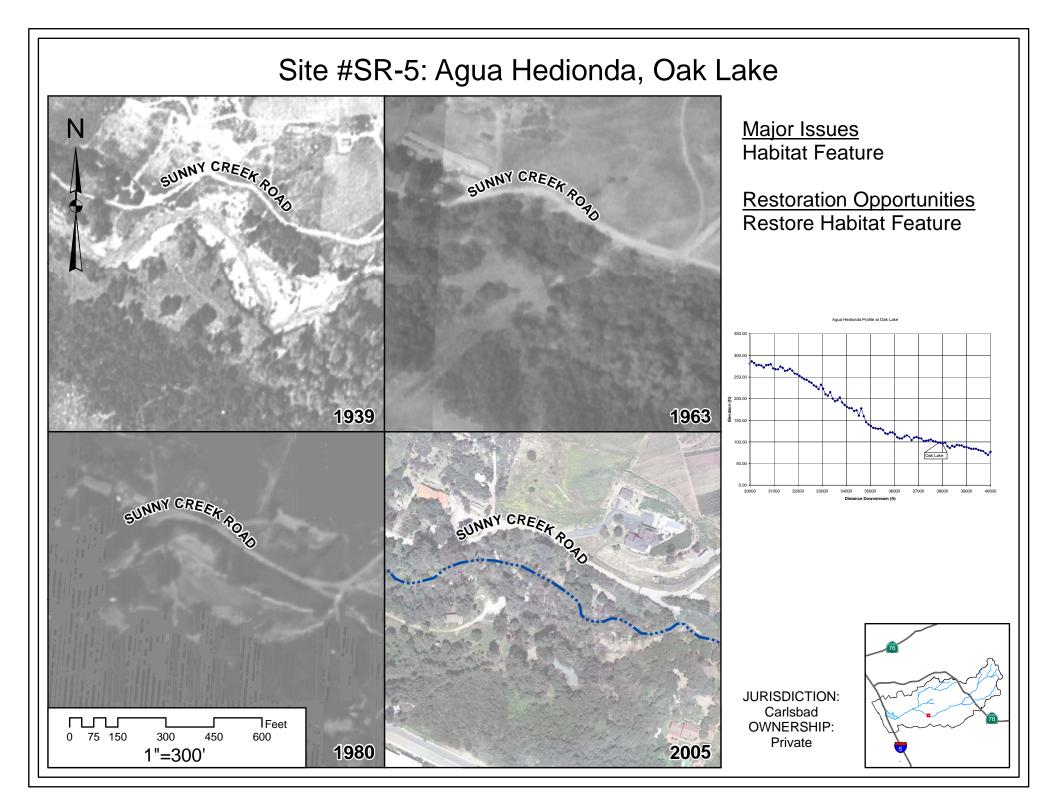




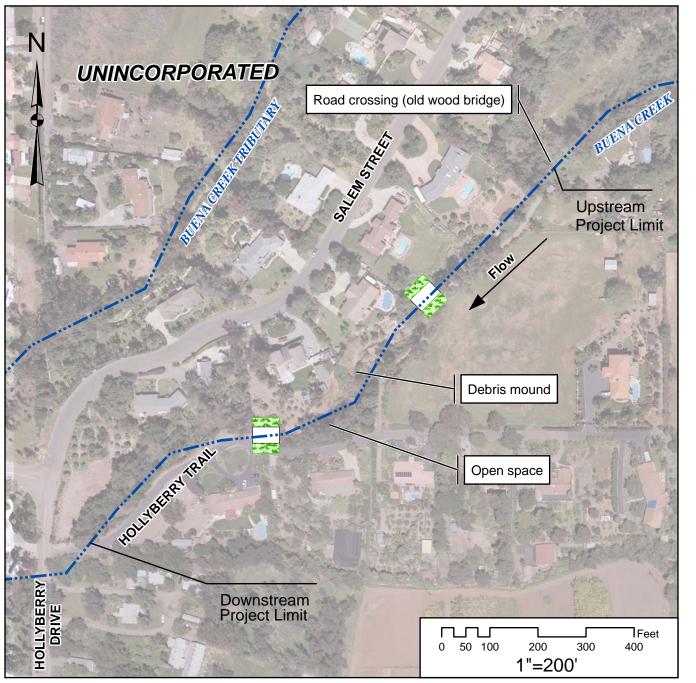


## Site #SR-4: Agua Hedionda Reach 18





## Site #SR-6: Buena Creek Reach 23



#### Major Issues

Intermittent bank protection Bank erosion to 6' high Channel clogged with debris

Restoration Opportunities Grade stabilizers

- Use rock to match natural setting
- Create riffles to mimic existing conditions

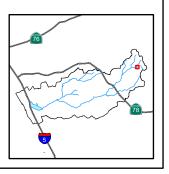
#### Legend

----- Stream Channel

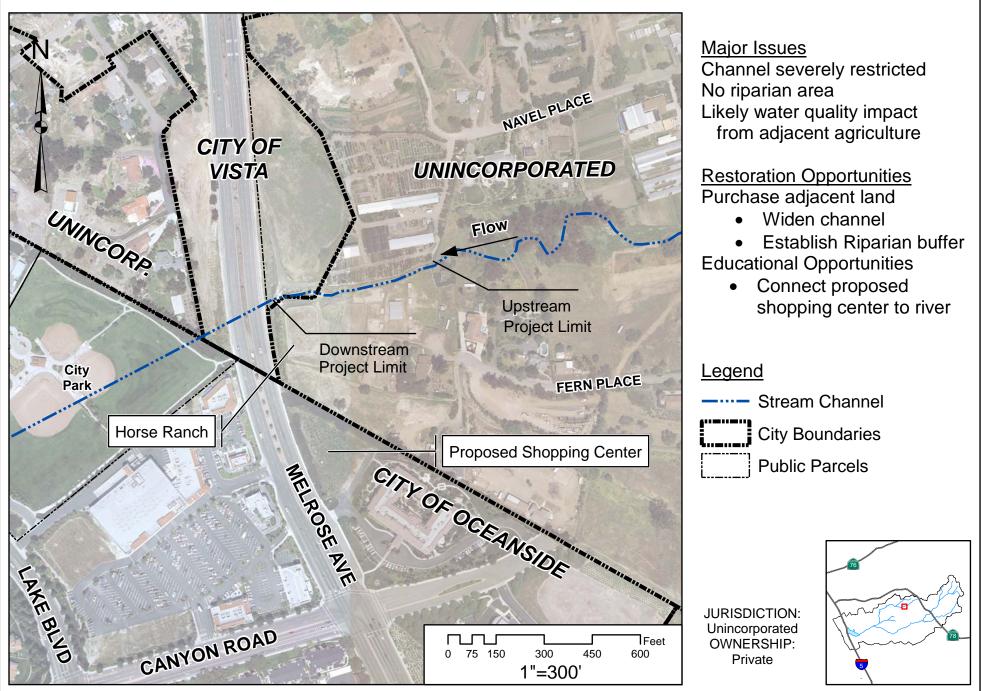
Grade Control Structure



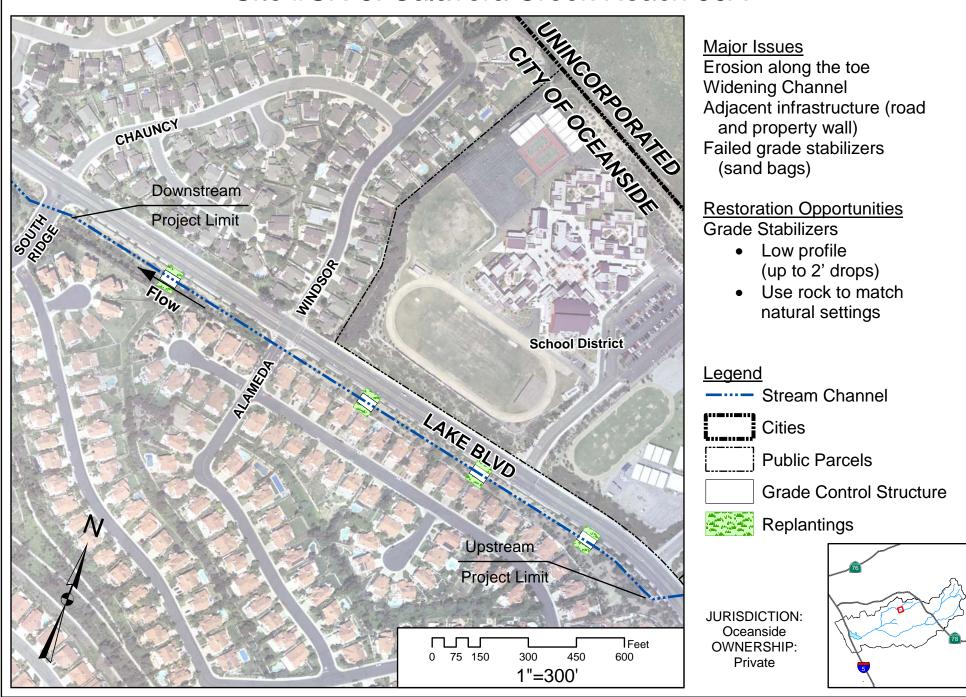
JURISDICTION: Unincorporated OWNERSHIP: Private

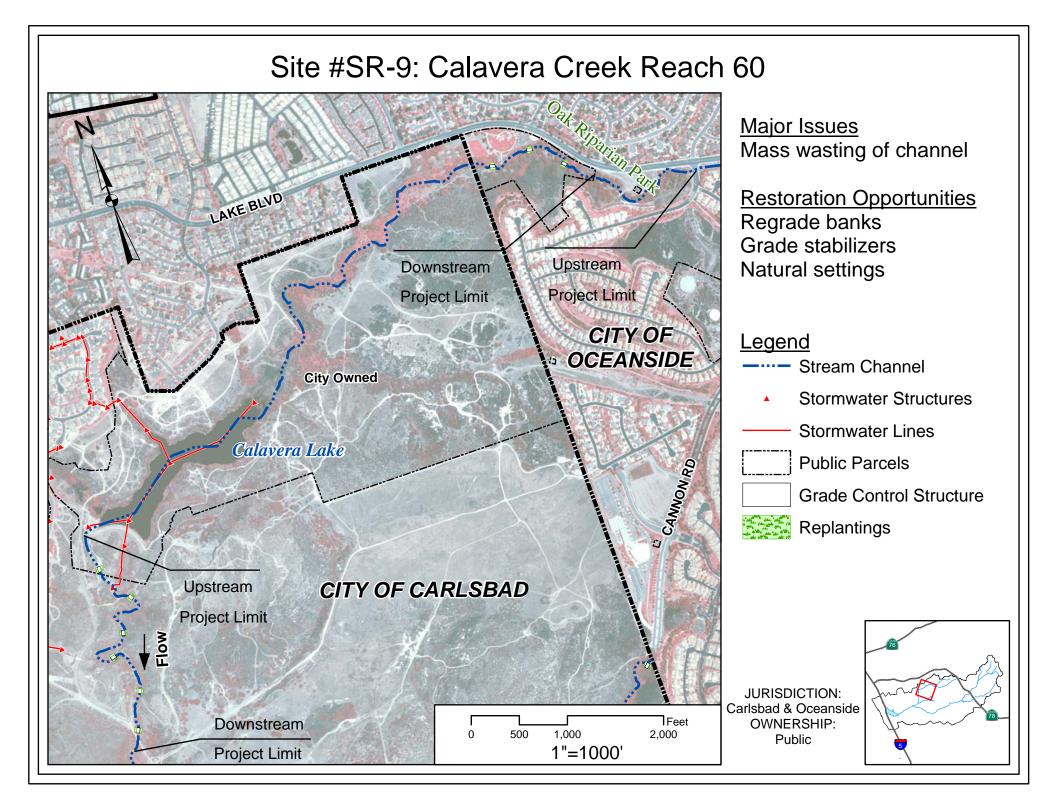


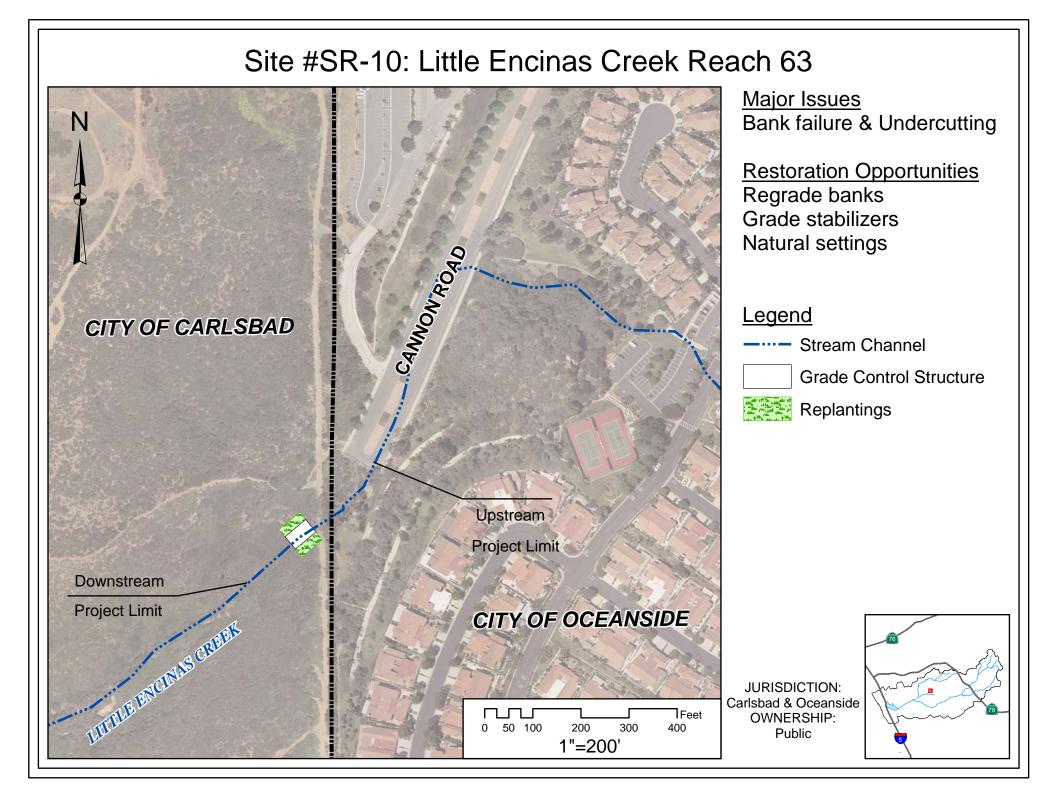
### Site #SR-7: Calavera Creek Reach 51



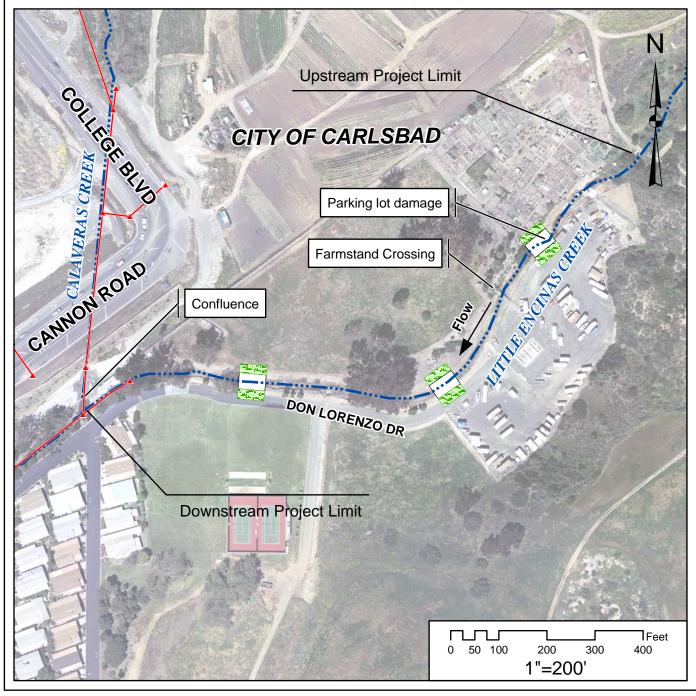
### Site #SR-8: Calavera Creek Reach 56A







## Site #SR-11: Little Encinas Creek Reach 64



Major Issues Invert erosion (4') downstream of culvert Bank failure Damage to adjacent infrastructure Intermittent bank protection Riprap and geo-fabric slumped into channel

<u>Restoration Opportunities</u> Regrade bank away from road Grade stabilizers

- Low profile (up to 2' drops)
- Use rock to match natural settings



- Stormdrain Structures
- Stormdrain Lines
- ----- Stream Channel
  - Grade Control Structure

Replantings

JURISDICTION: Carlsbad OWNERSHIP: Private



### Site #SR-12: Agua Hedionda Reach 4

