



## A STREAMWISE PROGRAM CASE STUDY

### PROJECT DESCRIPTION:

In an effort that exemplified the vision of the StreamWISE Program, Zone 7 partnered with the Livermore Valley Joint Unified School District to remove a concrete crossing along the Arroyo Mocho behind Granada High School. The crossing removal will help Zone 7 implement a much-needed downstream distilling project that is planned to restore flow capacity for flood protection.

### BEFORE



### AFTER



# THE ARROYO MOCHO CROSSING REMOVAL AT GRANADA HIGH SCHOOL: COMMUNITY BENEFITS

## REMOVAL OF THE CROSSING BENEFITED GRANADA HIGH SCHOOL BY:

- ✔ Controlling access to and from the closed campus
- ✔ Reducing the ability of non-students to enter campus
- ✔ Discouraging anyone with untoward intent from accessing the Granada Campus
- ✔ Facilitating the school's follow-up fencing project to further close the campus

## REMOVAL OF THE CROSSING PROVIDED FLOOD PROTECTION AND HABITAT BENEFITS BY:

- ✔ Facilitating the implementation of a much-needed downstream desilting project
- ✔ Restoring natural stream function
- ✔ Reducing trash build up behind the concrete structure
- ✔ Encouraging a return of the natural habitat within the stream
- ✔ Facilitating future fish passage

## PARTNER ROLES

Under the partnership agreement, the school district was responsible for the removal of the crossing, while Zone 7 obtained permits from regulatory agencies and implemented hydro-seeding along the banks for erosion control. Zone 7 will also be monitoring the progress of the return of habitat over the next five years.



*"This is an exciting project for us in that it shows how effective StreamWISE partnerships can be in linking our objectives, leveraging our resources and providing tangible community benefits."*

JILL DUERIG,  
ZONE 7 GENERAL MANAGER



*"This project is good for the school and good for the community. We're helping the environment and providing the safest place possible for our students."*

CHRIS VAN SCHAACK,  
GRANADA HIGH SCHOOL  
PRINCIPAL



*"The crossing removal is the first step to restoring the ecosystem in this area of high use and visibility. It is the seed for change to transform the environment from one of neglect and abuse to a spark of new hope of restoration for the local riparian plants and critters."*

RICK CAMACHO AND LOUANN TUNG,  
FRIENDS OF THE ARROYOS