

Prop 40 Urban Stormwater Program Grant for Santa Margarita

“Implementation of Low Impact Development (LID) Design Standards in San Luis Obispo County”

Project Description

The project includes design and construction of a LID Demonstration Project in Santa Margarita, a LID Design Standards Manual, and a review of county ordinances needed to implement NPDES Phase II post-construction stormwater management requirements. The LID demonstration site will include a seven acre enhanced wetland, 2000 feet of bioswales, and a hybrid conventional-LID stormwater conveyance system to treat stormwater runoff and reduce peak flows to improve water quality in Yerba Buena Creek and to reduce flooding in the F Street neighborhood of Santa Margarita.



Murphy Avenue between Highway 58 and F Street

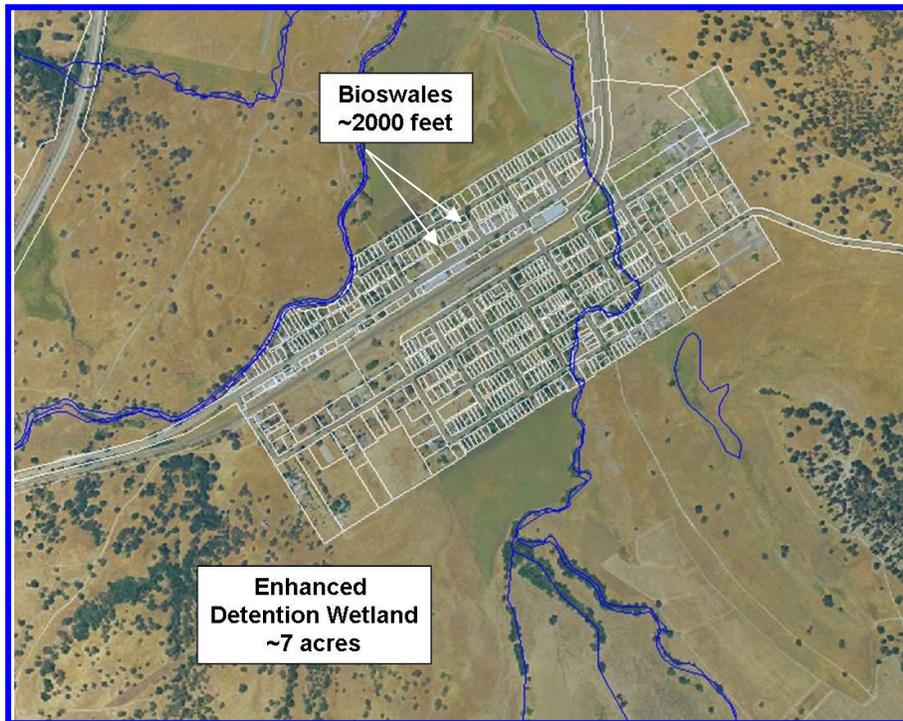
The bioswale design will support native wetland plantings that will adapt well to this low lying area. The bioswales will run down both sides of the street and will add both conveyance capacity and water quality treatment before discharging downstream. The bioswales will add aesthetic appeal to the existing streetscape.

Wetland Area South of K Street

The enhanced wetland area will be located upstream in the vicinity of an existing seasonal wetland. The berm shown will be used to detain and meter upland flows to enhance the wetland ecosystem and to reduce flooding downstream.



Project Location

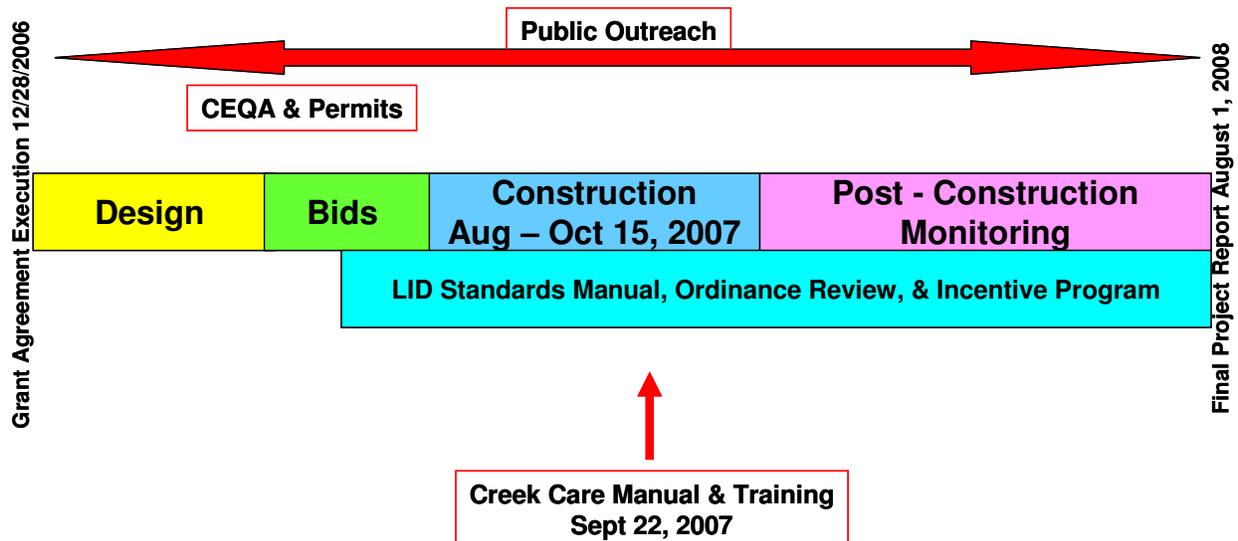


Project Benefits

- Enhanced water quality and flood protection for the community of Santa Margarita
- Countywide implementation of NPDES Phase II requirements for Low Impact Development

Project Timeline

December 28, 2006 – August 1, 2008



Project Funding

Grant Amount: \$600,000 Matching Funds: \$200,000
Total Project Costs: \$800,000

"Funding for this project has been provided in full or in part through an agreement with the State Water Resources Control Board. The contents of this document do not necessarily reflect the views and policies of the State Water Resources Control Board, nor does mention of trade names or commercial products constitute endorsement or recommendations for use".