

City of Goleta

San Jose Creek Capacity Improvements



Photo by Paul Wellman, Santa Barbara Independent

CLIENT CONTACT

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PROJECT STATISTICS

Owner City of Goleta

Dates 2011–Current

Value of Services \$1.5M

Construction Costs \$18M

SERVICES PROVIDED

Construction Management

- Construction Engineering
- Construction Inspection
- Office Engineering

Land Surveying

- Construction Surveying

PROJECT ELEMENTS

- creek
- dewatering
- earthwork
- environmental issues
- hazardous materials
- permitting
- public relations
- scheduling
- soldier pile wall
- SWPPP
- traffic control
- utilities coordination

PROJECT OVERVIEW

This \$18M improvements project involves the reconstruction and widening of San Jose Creek Channel. The result allows for the handling capacity of a 100 year storm event and the accommodation of a fish passage.

In addition, the project will redraw the FEMA flood plain maps, removing approximately 200 parcels from the flood plain, thereby protecting a sizable portion of the city's population from flood related dangers.

Project details consisted of widening and reconstructing the existing trapezoidal section of channel to a rectangular section consisting of steel piling with precast concrete panel lagging.

The overall length of the creek improvements are approximately 4000

feet in length and then transitions back to the natural creek channel at the southerly limits of the project. Furthermore, there is an articulated concrete revetment mat along the bottom which includes a fish passage with slotted weirs.

The project also includes a flood wall on the west side and multiple roadway and drainage improvements on Kellogg Avenue south of Hollister Avenue.

MNS is providing construction management and surveying services on this project.

