

City of Santa Barbara
Ortega Street Bridge Replacement



CLIENT CONTACT

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PROJECT STATISTICS

Owner City of Santa Barbara

Dates Design 2004–2008
Construction 2011

Value of Services \$1.1M

Construction Costs \$6.8M

SERVICES PROVIDED

Civil Engineering

- Preliminary and Final PS&Es
- Hydraulics and Hydrology

Construction Management

- Construction Inspection
- Office Engineering
- Constructability Review

Land Surveying

- ROW Engineering

PROJECT OVERVIEW

Nearing its 100th year, the Ortega Street Bridge required the following safety improvements: accommodation of a 20-year storm event, seismic safety code compliance, improved creek capacity, and increased flood capacity of Mission Creek. The City of Santa Barbara decided to completely redesign the bridge to achieve those goals.

This \$6.8M project replaced the existing bridge with a new 53 foot, single-span bridge. Construction elements included: 19 foot bridge extension; new water line through the bridge deck; reinforced concrete retaining walls to support residential structures; new bridge barrier railings; replacement and relocation of sewer, gas, and electrical utilities; new sidewalks, drainage, curbs, and gutters; and irrigation and landscaping features.

MNS coordinated design features with the US Army Corps of Engineers, the California Department of Fish and

Game, and Santa Barbara County Flood Control.

Bridge construction was completed in January 2012, two months ahead of schedule.

PROJECT ELEMENTS

- bridge
- creek
- drainage
- environmental issues
- landscaping
- pre-cast
- pre-stressed
- retaining walls
- safety improvements
- sidewalk
- utility relocation
- voided slab
- water line