

# Channel Improvement/Protection

Timber Creek Channel, City of San Bernardino, CA

## Client

City of San Bernardino  
300 North "D" Street  
San Bernardino, CA  
92418

## Project Location

San Bernardino, CA

## Contact

Michael W. Grubbs, P.E.  
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## Completion Date

1999 – Hydrology Study

2000-2002- Channel  
Improvement Design



Channel improvement design was requested by the City of San Bernardino to improve Timber Creek channel from the San Bernardino International Airport (ex Norton AFB) to the Twin Creek Channel.

September-October 1999 - Completed hydrology study for the drainage area including the airport area, and planned commercial/industrial developments draining into Timber Creek.

2000 - 2002 - Prepared channel plans for two channel reaches, 1/4 mile from Twin Creek to Lena Road culvert, and 1/4 mile from Lena Road into the airport area. Obtained San Bernardino County and U.S. Corps of Engineers approval for design of channel and concrete structure connection to the Twin Creek Channel. Designed special geo-fabric lined channel section, and basin, from Lena Road to airport at the request of the City of San Bernardino and Department of Fish and Wildlife.

## Project Staff

Joseph S.C. Bonadiman, P.E. – *Principle Engineer*  
Dennis W. Jackson, P.E. – *Design Engineer*  
Edward J. Bonadiman, P.L.S. – *Survey Manager*

