

## Union Pacific Rail Road Sound Walls Project & Construction Management Services Long Beach, California

**Owner:**  
City of Long Beach

**Owner Contact:**  
Lon Maddox  
(562) 570-6537

**Key Personnel:**  
Paul Buckley, P.E.

**Management Cost:**  
\$325,000

**Construction Cost:**  
\$14M

**Completion Date:**  
November 1997

Simplus provided project and construction management services for the construction of a \$14M sound wall.

Construction management services included managing and coordinating the efforts of two design consultants, two general contractors, numerous subcontractors, City staff, UPRR staff, permitting agencies, utility companies, local business owners and residents.

The project involved constructing six miles of sound walls ranging from 10 to 28 feet high, installing cast in drilled hole concrete piles, construction of 12 to 22 foot high concrete retaining walls, earth-fill embankments, storm drain systems, relocation of utilities, landscaping and irrigation systems.

Field initiated change orders were less than eight percent. There were no contractor claims.



- Sound Walls - 33,000 l.f.
- Cast In Drilled Hole Piles - 3,700 Piles
- Concrete Retaining Walls - 8,500 l.f.
- Earth-Fill Embankments - 150,000 c.y.
- CSP Storm Drain Pipe - 22,000 l.f.

**Simplus**