

PORT OF OAKLAND BERTHS 55, 56 & WHARF OAKLAND, CALIFORNIA

The construction of Berths 55 & 56 is a key component of the Vision 2000 project. This 2400-foot long berth required the demolition of old wharf areas and the removal of 2,440,000 cubic yards of soil excavation. This wharf supports four of the largest container cranes in the world. Consolidated Engineering Laboratories (CEL) participated on this project by performing soil removal and placement observation. Precast pile inspection of specially designed steel centered post tensioned concrete piles that ranged from 58 to 134 feet long, blow count and observation of concrete driven piles, concrete placement, structural steel welding and all asphalt work.

Client: Concept Marine Associates
Gordon Felton – (510) 533-7600

Architect: Port of Oakland

Structural Engineer: Port of Oakland

General Contractor: General Construction

Duration: November 1999 – February 2001

Construction Costs: \$63 Million

CEL Fees: \$517 Thousand

