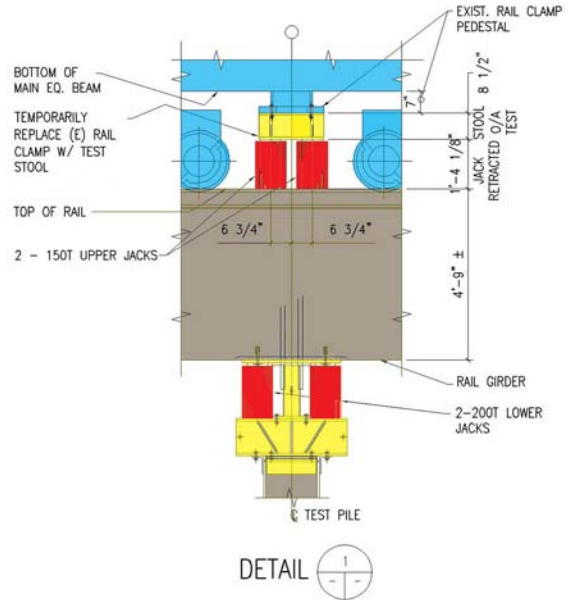


PILE LOAD TEST ASSEMBLY



Justify Higher Wharf Capacity by Load Test Port of Oakland, CA

The Port of Oakland retained Liftech and Geomatrix to determine the crane girder capacity at all wharves at the port. Based on Geomatrix's analysis, the piles at Berths 24 and 25 did not have adequate capacity for the current cranes. Liftech designed a load test that confirmed the piles were strong enough to carry the crane loads. An analysis of the test data was used to increase the calculated capacity at other wharves at the port.

Reference:
Port of Oakland
Oakland, California