Pier 400 Transportation Corridor

Location:	San Pedro, CA	Total Value:	$21.6 mil
Owner:	Port of Los Angeles	Completed:	2002

This project highlights Griffith Company's ability to manage and construct a complex, high profile project with difficult time and access constraints.

Pier 400 is situated on a manmade island in the LA Harbor. Griffith Company contracted with the Port of Los Angeles for the construction of two concurrent projects in the Pier 400 development, both for the trucking corridor. Access to the island and its $300 million of construction was channeled through our 130 foot transit way, leaving limited space to perform work in a productive manner. The owner's aggressive twelve-month schedule with multiple milestones was tied with liquidated damages of $62,000 per day for late completion.

Project components included a grade separator bridge along with two pedestrian bridges, constructed to safely separate pedestrians, trucks and the railway. To elevate the separator bridge over the rail and criss-crossing roads, our crews installed a system of pre-cast retaining walls reaching 40 feet at the highest point — no easy task when building on a continuously settling manmade island. To supply water and power to the island, we installed the utility structure — including a 21,800 linear-foot water system with 15,500 feet of 30-inch ductile iron pipe — in the roadway. We devised a method that dramatically reduced the installation time for the restrained joints.

Griffith Company's work also helped the Terminal project minimize congestion by maximizing ease of ingress and egress for the cargo. We installed a series of overhead signs with LED displays that allowed the port operator to direct truck traffic as they came onto the island, even during construction. In the process of building the almost two miles of roadway, our crews self performed over sixty-five percent of the work while coordinating ten outside agencies and keeping access open for the construction of Pier 400.