

CASE STUDY

South Wilmington Grade Separation Project

Los Angeles, CA

HISTORY

The Port of Los Angeles is one of America’s premier ports. The port has a strong commitment to developing innovative, strategic, and sustainable operations that benefit Southern California’s economy and quality of life. As North America’s leading seaport, in terms of container volume and cargo value, the Port of Los Angeles facilitated \$290 billion in trade during 2014. Port operations and commerce support more than 148,000 jobs (about one in 12) in the City of Los Angeles and 531,000 jobs (or one in 16) in the five-county Southern California region.

As the leading gateway for trade between the U.S. and Asia, the port and supply chain partners provide outstanding cargo conveyance through modernized and “big-ship-ready” marine terminal facilities. The port offers the largest workforce of skilled longshore labor in the U.S.; warehouse and trans-loading centers to meet the needs of every shipper; the nation’s largest and newest drayage fleet; and rail connections that offer frequency and speed-to-market access to major freight hubs across the U.S.

PROBLEM

In 2015, the increase of traffic around the port was bringing roadways to a grinding halt, causing delays to an area that is heavily trafficked by pedestrians, cars, trucks, and trains.

The South Wilmington Grade project was a jointly funded venture by the California State Trade Improvement, Port of Los Angeles, and the Los Angeles Metropolitan Transportation Authority. The project consisted of a new, elevated-grade, 4-lane separated roadway structure. The span connects Harry Bridges Boulevard to Pier A and Fries Avenue, and includes a new entrance to the Trans Pacific



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– Gene Seroka, Executive Director, Port of Los Angeles.

Container Service Company. The bridge separates existing at-grade vehicular and train traffic and provides access to port terminals, a community center, several maintenance facilities, the National Polytechnic College of Engineering and Oceanering, and many local businesses.

There were many aspects of this project that were challenging, such as keeping the rail station fully operational during construction, having full access to the port facilities, allowing utilities to continue operating, staging and constructability of the area, and interfacing with the nearby park construction project.

“This project increases public safety, improves the flow of goods, and saves time for the people and businesses of our community,” said Gene Seroka, Executive Director of the Port of Los Angeles. “Rail and gate productivity are key to the supply chain, and this project directly impacts both functions.”

SOLUTION

A Value Analysis (VA) was commissioned by the Port of Los Angeles. The VA Study identified and evaluated alternative project solutions and provided recommendations to decision makers, including a cost benefit analysis. After

