



## Goods Movement/Commercial Vehicle Operations (CVO)

### **Ports of Long Beach and Los Angeles Comprehensive Transportation Study**

Iteris has conducted several major studies for vital transportation systems serving the Ports of Long Beach and Los Angeles. These studies included the Joint Ports Transportation Study, the Gerald Desmond Bridge Project Study Report traffic forecasts, the SR-47 Expressway EIR/EIS traffic analysis, and the Los Angeles Baseline Transportation Study.

The joint ports study was a comprehensive analysis of ground access in the port complex including both the Port of Long Beach and the Port of Los Angeles. This resulted in a detailed implementation plan for ground access improvements that facilitate anticipated port growth in truck and auto traffic. As part of the effort, Iteris conducted an extensive data collection program. The joint ports program included container terminal operator surveys, container terminal gate counts (including truck classifications), over 10,000 truck driver origin/destination surveys, intersection truck and auto traffic counts, average daily truck/traffic counts, and truck queue length observations.

In addition, Iteris has conducted outreach to trucking/intermodal companies, shippers, steamship operators, rail operators, unions and other interested parties. A detailed computer model was developed by Iteris to forecast truck trip making into the future at each port container terminal by hour of the day by truck type. The trip generation forecasts were used as part of the development of a port area travel demand model, building upon the Southern California Association Governments (SCAG) Heavy Duty Truck Model developed by Iteris. Model forecasts were used to identify critical links in the roadway system. For all of the port studies, mitigation measures that included infrastructure and operations improvements were recommended and a detailed implementation plan was developed. Iteris' port area studies have focused on the port terminals and roadways, but also included the key links to the port complex.