



NEWS RELEASE

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FOR IMMEDIATE RELEASE

CALTRANS SYNCHRONIZATION PROJECT SAVES TIME

Irvine – The State Route 39 (Beach Boulevard) traffic signal synchronization project, at a cost of \$1.3 million, was completed last November after District 12's Traffic Operations Electrical Systems branch spent nearly a year working on the project - and it's paying big dividends.

The project encompassed 21 miles and 70 traffic signals along Beach Boulevard, with the focus to reduce vehicle stops in order to cut down on emission and improve air quality, as well as reduce travel time and delays. The benefits have been evident: increased travel speeds for commuters are at 19 percent, a decrease in travel times has improved to 16 percent and the number of vehicle stops has been reduced to 38 percent.

To improve travel time, crews were diligent in implementing new bicycle and pedestrian timing for morning, mid-day, late afternoon and weekend peak periods. Controller functionality also was upgraded with the replacement of Type 170 controllers to Type 2070 controllers at 68 intersections along Beach Boulevard, and six Field Master Controllers were replaced with new Type 170 controllers. Six GPS time-based units also were installed.

Traffic monitoring and existing communications also were enhanced, highlighted by the installation of closed-circuit television cameras at 14 locations along Beach Boulevard, as well as a communications framework to provide video surveillance and monitoring capabilities. This was followed by the implementation of network design to transfer data and video feeds from Beach Boulevard to District 12's Traffic Management Center. Crews connected freeway fiber trunk lines at Interstate 5, State Route 22 and I-405 by using Ethernet-over-copper along Beach Boulevard, making the line of communication much more efficient and expeditious.

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