

**Metro**Los Angeles County  
Metropolitan Transportation AuthorityOne Gateway Plaza  
Los Angeles, CA 90012-2952213.922.2000  
metro.net**PLANNING & PROGRAMMING COMMITTEE  
JULY 20, 2011****SUBJECT: COUNTYWIDE SIGNAL PRIORITY PROGRAM****ACTION: RECEIVE AND FILE****RECOMMENDATION**

Receive and file report on the Metro Countywide Signal Priority (CSP) Program.

**ISSUE**

At the July 24, 2008 Regular Board Meeting, the Board approved the award of Contract No. PS-4360-2153 for the Countywide Signal Priority Expansion Project, Phase II. This was the last time staff provided an update to the Board on efforts to expand the agency's multijurisdictional bus signal priority system.

**DISCUSSION****Background**

In 1998, Metro initiated the Countywide Bus Signal Priority (CSP) Pilot Project as part of an effort to design, develop, implement, and evaluate a multi-jurisdictional bus signal priority system as well as develop countywide signal priority guidelines for Los Angeles County. The CSP Pilot Project was a collaborative effort bringing together multiple jurisdictions and transit operators that resulted in the development of a wireless signal priority standard for Los Angeles County.

In 2005, Metro embarked on the Countywide Metro Rapid Signal Priority Expansion Project, a follow up to the previous successful demonstration pilot and the first phase of an expansion effort to implement signal priority for seven Metro Rapid corridors traversing through twenty-four jurisdictions. In accordance with the Metro Rapid Five-Year Implementation Plan, the first phase focused on providing bus signal priority for four Metro Rapid corridors including, Pacific-Long Beach, Soto, Hawthorne, and Florence. Additionally communication enhancements were made to the Crenshaw pilot corridor as part of Phase I. In 2008 Metro initiated work on the second phase of the Countywide Metro Rapid Signal Priority Expansion Project to implement signal priority along the Manchester, Garvey-Chavez and Atlantic Metro Rapid corridors.

## Status

### *Countywide Bus Signal Priority (CSP) Pilot Project*

- Crenshaw (Los Angeles, Inglewood, LA County, Gardena, & Hawthorne)

Project Start Date: December 1998  
Project End Date: February 2004  
Percent Complete: 100%

### *Countywide Metro Rapid Signal Priority Expansion Project, Phase I*

- Crenshaw (Los Angeles, Inglewood, LA County, Gardena, & Hawthorne)
- Pacific-Long Beach (LA County, Huntington Park, South Gate, & Lynwood)
- Florence (LA County, Inglewood, Huntington Park, Bell, & Bell Gardens)
- Soto (LA County, Vernon, Huntington Park, South Gate, & Lynwood)
- Hawthorne (LA County, Inglewood & Lawndale)

Project Start Date: April 2005  
Project End Date: December 2011  
Percent Complete: 95%

### *Countywide Metro Rapid Signal Priority Expansion Project, Phase II*

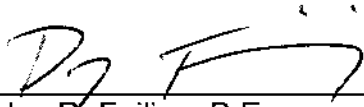
- Manchester (LA County, Inglewood, & South Gate)
- Garvey-Chavez (LA County, Monterey Park, Rosemead, South El Monte, & El Monte)
- Atlantic (LA County, Alhambra, Bell, Compton, Cudahy, Long Beach, Lynwood, Maywood, Monterey Park, Pasadena, South Gate, South Pasadena, & Vernon)

Project Start Date: August 2008  
Project End Date: December 2014  
Percent Complete: 35%

## Other Efforts

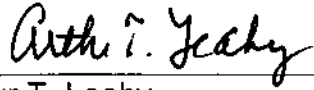
In addition to the work associated with the projects listed above, Metro continues to work with additional cities and transit operators to expand CSP to other transit corridors. Staff is currently working with Culver City, Gardena, Long Beach, Carson, Los Angeles, Torrance, Santa Monica, and West Hollywood to implement CSP technologies for transit services provided by Santa Monica Big Blue Bus, Long Beach Transit, Torrance Transit, Culver City Bus and Gardena Municipal Bus Lines. Staff is also working with Foothill transit to implement signal priority in the San Gabriel Valley.

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