



DATE: December 16, 2009
TO: Honorable Mayor and City Councilmembers
FROM: Development Services Department
SUBJECT: **PLANS AND SPECIFICATIONS FOR THE INSTALLATION AND/OR MODIFICATION OF TRAFFIC SIGNALS AT VARIOUS LOCATIONS**

SYNOPSIS

Staff recommends that City Council approve the plans and specifications for the installation of traffic signals at the intersections of Lake Boulevard and Mira Monte Drive, Lake Boulevard and Emerald Drive, and Melrose Drive and Meadowbrook Drive, and modification to the traffic signals at the intersections of Oceanside Boulevard and Crouch Street, and Coast Highway and Morse Street; and authorize the City Engineer to call for bids.

BACKGROUND

Every year staff reviews locations in the City that may require the installation of traffic signals to reduce accidents and improve traffic flow. The proposed locations have been identified by staff and the public as locations needing a traffic signal.

Funding for the five signals was approved in the FY 2008-2009 and 2009-10 Capital Improvement Program (CIP).

To minimize contract processing and reduce project costs the five locations were combined into one project.

ANALYSIS

This project will provide traffic signals at the following locations:

1. Lake Boulevard and Mira Monte Drive (New Signal)
2. Lake Boulevard and Emerald Drive (New Signal)
3. Melrose Drive and Meadowbrook Drive (New Signal)
4. Oceanside Boulevard and Crouch Street (Modification)
5. Coast Highway and Morse Street (Modification)

The City's current Traffic Signal Priority list shows seven remaining intersections that qualify for future traffic signals, depending on future available funds. This list is updated annually and excludes the traffic signals incorporated as part of this project.

The traffic signal modifications at Oceanside Boulevard and Crouch Street will include installing conduit, a new traffic signal pole, and pedestrian push buttons. The traffic signal modifications at Coast Highway and Morse Street will include a new traffic signal system, traffic signal poles, the installation of a left-turn signal, and ADA-accessible pedestrian ramps.

The anticipated schedule for the project is as follows:

Bid Opening	February 2010
Award of Contract	March 2010
Start Construction	April 2010
Construction Completion	August 2010

The plans and specifications are available for review in the City Engineer's Office.

FISCAL IMPACT

The combined FY 2008-2009 and 2009-2010 CIP budgets for traffic signal improvements was \$791,387.12 for the following projects:

Project	Account Number	Available Balance
Lake Boulevard & Mira Monte Drive	903535500508	\$188,035
Lake Boulevard & Emerald Drive	903535800508	\$187,088
Melrose Drive & Meadowbrook Drive	903527000508	\$187,177
Oceanside Boulevard & Crouch Street	903535700508	\$57,277
Coast Highway & Morse Street	903527200508	\$158,843
Total		\$778,420

The estimated total cost of this project, which includes administration, inspection, and project management and contingency, is approximately \$780,000.00; therefore sufficient funds are available.

Maintenance costs are approximately \$5,000 per year per location with an increase in annual maintenance of 12 workhours per location.

INSURANCE REQUIREMENTS

The City's standard insurance requirements will be met.

COMMISSION OR COMMITTEE REPORT

Transportation Commission has reviewed the proposed traffic signal locations at previous meetings.

CITY ATTORNEY'S ANALYSIS

The referenced documents have been reviewed by the City Attorney and approved as to form.

RECOMMENDATION

Staff recommends that City Council approve the plans and specifications for the installation of traffic signals at the intersections of Lake Boulevard and Mira Monte Drive, Lake Boulevard and Emerald Drive, and Melrose Drive and Meadowbrook Drive, and modification to the traffic signals at the intersections of Oceanside Boulevard and Crouch Street, and Coast Highway and Morse Street; and authorize the City Engineer to call for bids.

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