



DATE: December 14, 2011

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 the City Council approve the plans and specifications for the installation of traffic signals at the following locations: Oceanside Boulevard at Camelot Street, Cannon Road at Shadowridge Drive, Rancho del Oro at Cameo Drive; and for traffic signal modification on Mission Avenue at Douglas Drive; 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 as locations needing a traffic signal.

The Rancho del Oro and Cameo traffic signal was originally installed as a condition of approval for the development of the Veteran's Affairs (VA) Clinic. During construction of the traffic signal, the neighborhood requested that the traffic signal not be installed and to keep the all-way stop. Based on input City staff received from a community meeting that was held on November 12, 2009, the traffic signal was not energized and the traffic signal poles and signal heads were removed. In April 2011 the City Council directed staff to install the previously approved signal at Rancho del Oro and Cameo Drive with the funding in the amount of \$40,000 for FY11-12. Funding for the other traffic signals was approved in the FY 2010-11 and FY 2011-12 CIP budgets.

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



**ANALYSIS**

This project will install traffic signals at the following locations:

1. Oceanside Boulevard at Camelot Street
2. Cannon Road at Shadowridge Drive
3. Rancho del Oro at Cameo Drive
4. Mission Avenue at Douglas Drive (modification)

The traffic signal modification on Mission Avenue at Douglas Drive will include separate left-turn signals for Douglas Drive traffic to decrease delay at this location.

The anticipated schedule for the project is as follows:

Bid Opening	January 2012
Award of Contract	March 2012
Start Construction	April 2012
Construction Completion	October 2012

The signal on Rancho del Oro and Cameo Drive is anticipated to be completed first as the underground work has already been completed and the City will be able to furnish most of the materials.

**FISCAL IMPACT**

The FY 2011-12 CIP budget for traffic signal improvements is \$400,000 for the following projects:

<b>Project</b>	<b>Account Number</b>	<b>Budget</b>
Oceanside Blvd. & Camelot Street	903112700508.5703.10600	\$175,000
Cannon Road & Shadowridge Drive	903118900508.5703.10600	\$175,000
Rancho del Oro & Cameo Drive	903121800508.5325.10600	\$ 40,000
Mission Avenue & Douglas Drive	903525300508.5325.10600	\$ 10,000
<b>Total</b>		<b>\$400,000</b>

The estimated total cost of this project, which includes administration, inspection, and project management and contingency, is \$385,000, therefore sufficient funds are available.

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

**INSURANCE REQUIREMENTS**

The City's standard insurance requirements will be provided.

**COMMISSION OR COMMITTEE REPORT**

The Transportation Commission reviewed the traffic signal priority list and CIP in 2010. On December 1, 2008, the Planning Commission approved the development plan and conditional use permit for the VA Clinic which included the installation of the Rancho del Oro and Cameo traffic signal.

**CITY ATTORNEY'S ANALYSIS**

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

**RECOMMENDATION**

Staff recommends that the City Council approve the plans and specifications for the installation of traffic signals at the following locations: Oceanside Boulevard at Camelot Street, Cannon Road at Shadowridge Drive, Rancho del Oro at Cameo Drive; and for traffic signal modification on Mission Avenue at Douglas Drive; and authorize the City Engineer to call for bids.

PREPARED BY:

  
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David DiPierro  
City Traffic Engineer

SUBMITTED BY:

  
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Peter A. Weiss  
City Manager

REVIEWED BY:

Michelle Skaggs Lawrence, Deputy City Manager

George Buell, Development Services Director

Scott O. Smith, City Engineer

Teri Ferro, Financial Services Director

  
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