

**MOORPARK CITY COUNCIL  
AGENDA REPORT**

**TO:** The Honorable City Council

**FROM:** Yugal K. Lall, City Engineer/Public Works Director   
Prepared by: Teddy Okoye, Assistant City Engineer

**DATE:** August 25, 2006 (CC Meeting of 9-20-06)

**SUBJECT:** Consider Approval of Plans and Specifications for Projects to Synchronize the Signals Along Los Angeles Avenue and Tierra Rejada Road; Authorization to Solicit for Construction Bids

**DISCUSSION**

A. Background

In January of 2002, the City retained Kimley-Horn and Associates to prepare Design Plans, Specifications, and Estimates (PS&E) for the projects to interconnect the signals on Los Angeles Avenue and Tierra Rejada Road. The original contract was amended in April of 2003 and March of 2006 to incorporate additional improvements, including the upgrading of the controllers on Tierra Rejada Road to Econolite (state of the art) signal controllers.

B. Project Plans

PS&E for the projects were completed in July of 2006, and a Permit Application to construct project was submitted to Caltrans on July 10, 2006.

C. Scope of Work

**Los Angeles Avenue:**

- Traffic investigation and analysis;
  - Conduct turning-movement counts at several intersections,
  - Conduct a protected/permissive warrant analysis at the signals on Moorpark Avenue and Spring Road,
  - Update the Synchro traffic model to incorporate the newly installed signal at Maureen Lane, and the proposed signal at Millard Street.
- Preparation of "Draft" and "Final" PS&E.

**Tierra Rejada Road**

- Traffic investigation and analysis;
  - Conduct protected/permissive warrant analysis at several intersections,
  - Upgrade existing Type-170 Controllers to Nema-type Econolite Controllers with Aries software,
  - Conduct turning-movement counts at several intersections,
  - Prepare new timing sheet for the Econolite system.
- Preparation of "Draft" and "Final" PS&E.

D. Fiscal Impact

1. **Project Cost Estimate:** A preliminary cost estimate of the project is as follows:

<b>Element</b>	<b>Cost (\$)</b>
Design	
Los Angeles Avenue	68,660.00
Tierra Rejada Road	83,140.00
Subtotal	151,800.00
Estimated Construction Cost	
Los Angeles Avenue	280,000.00
Tierra Rejada Road	420,000.00
Subtotal	700,000.00
Construction Contingency (10%)	70,000.00
Construction Administration/Inspection	50,000.00
Total	971,800.00

2. **Funding Source:** These projects will be funded from the Los Angeles Area of Contribution (AOC) (Fund 2501), Tierra Rejada Road AOC (Fund 2502), and CMAQ Grant (Fund 2604). The Congestion Management and Air Quality (CMAQ) Grant for Los Angeles Avenue project is \$320,000.00 and \$350,000.00 for Tierra Rejada Road.

E. Plans and Specifications

A copy of the Plans and Specifications for the subject project has been placed on top of the file cabinet in the City Council Conference Room.

F. Project Approval -- Design Immunity

It is recommended below that the City Council approve the project plans and specifications to document City Council approval of the scope and design of the

project. Such approval is also required for the purpose of establishing design immunity pursuant to Section 830.6 of the Government Code of the State of California.

G. Environmental

A Notice of Exemption has been prepared by the Community Development Department and will be filed with the County Clerk's Office in accordance with California Environmental Quality Act.

H. Schedule

The anticipated schedule is as follows:

	Target Date
Caltrans Permit	9/15/2006
Authorization to Solicit Bids	9/20/2006
Bid Opening	10/21/2006
Award of Construction Contract	11/1/2006
Notice to Proceed	11/15/2006
Project Completion	2/14/2007

I. Bidder

Notice inviting bids will be mailed to tri-counties contractors and will also be published in the Ventura County Star. Plans and Specifications will be sent to the online bid and plan rooms.

**STAFF RECOMMENDATION**

Approve the plans and specifications for the subject project and authorize staff to solicit for construction bids.