

# Agenda Report

October 21, 2013

**TO:** Honorable Mayor and City Council

**FROM:** Department of Transportation

**SUBJECT: AUTHORIZE THE CITY MANAGER TO EXECUTE ALL AGREEMENTS WITH THE LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY ASSOCIATED WITH THE RECEIPT OF GRANT FUNDING AND THE IMPLEMENTATION OF THE INTELLIGENT TRANSPORTATION SYSTEMS (ITS) PHASE III PROJECT**

## **RECOMMENDATION:**

It is recommended that the City Council:

1. Find that the Intelligent Transportation Systems (ITS) Phase III Project is exempt from review pursuant to the California Environmental Quality Act ("CEQA"), pursuant to State CEQA Guidelines Section 15301, Existing Facilities, and identified as an activity listed in 23 CFR 771.117(c)(3); and
2. Authorize the City Manager to execute all agreements with the Los Angeles County Metropolitan Transportation Authority (METRO) associated with the receipt of grant funding and the implementation of the aforementioned project.

## **BACKGROUND:**

In 2009, the City's Department of Transportation applied for funds for the Los Angeles County Metropolitan Transportation Authority (METRO) Call for Projects. Through a very competitive process, the ITS Phase III Project was approved for the 2009 Call for Projects cycle and funding was set aside pending approval by METRO'S Board and formal execution of a Memorandum of Understanding/Letter of Agreement with the City. The total funding for the project is \$5,293,564 which includes a 20% local match requirement.

The ITS Phase III Project completes the City's main traffic operations communication infrastructure (as shown in the 2007 Intelligent Transportation System (ITS) Communication Master Plan) by closing key gaps in the fiber optic communication network. Since the time of the grant application for this project, the City has reorganized the system for managing the publically owned fiber optic resources in Pasadena. Accordingly, the design of this project will be coordinated with the Department of Information Technology to optimize the placement of the fiber optic communication links with regard to the overall fiber network.

In addition, the project includes the installation of two closed circuit television cameras (CCTV), integration of video detection systems and other soft operational updates such as software enhancements to an existing automated traffic control system at the City's Transportation Management Center (TMC), signal synchronization and strategic signal timing solutions along eleven arterial segments below listed:

1. Marengo Avenue from Interstate 210 to California Boulevard
2. Los Robles Avenue from Woodbury Road (Northern City Limit) to Orange Grove Boulevard
3. Allen Avenue from Interstate 210 to Del Mar Boulevard
4. Sierra Madre Boulevard from Interstate 210 to Colorado Boulevard
5. San Gabriel Boulevard from Del Mar to California Boulevards
6. Washington Boulevard from Fair Oaks to Los Robles Avenues
7. Orange Grove Boulevard – Rosemead Boulevard from Sierra Madre to Foothill Boulevard
8. Orange Grove Boulevard from Rosemead Boulevard to Lincoln Avenue
9. Del Mar Boulevard from San Gabriel Boulevard to Madre Street
10. California Boulevard from Orange Grove Boulevard to St. John Avenue
11. Sierra Madre Villa from Orange Grove to Sierra Madre Boulevards

The project is currently scheduled for design in FY 2014 with construction to be completed by end of FY 2015.

#### **COUNCIL POLICY CONSIDERATION:**

The ITS Phase III Project supports the Mobility Element of the General Plan by promoting safe and efficient mobility through main City arterial streets while flexibly promoting various modes of transportation. As well, this project is consistent with the Department of Transportation's goal for promoting multimodal transportation mobility citywide.

#### **ENVIRONMENTAL ANALYSIS:**

The ITS Phase III Project is exempt from review pursuant to the California Environmental Quality Act ("CEQA"), pursuant to State CEQA Guidelines Section 15301, Existing Facilities, and identified as an activity listed in 23 CFR 771.117(c)(3).

**FISCAL IMPACT:**

The total cost of this project will be \$5,293,564. Approval of this Memorandum of Understanding/Letter of Agreement will enable the City to obtain \$4,234,851 through Metro to design, construct and complete this project. The City’s corresponding local match to the Metro Grant is 20%. The following table presents a summary of the sources of funds that will be used.

|                                |                     |
|--------------------------------|---------------------|
| City-Transportation Impact Fee | \$ 337,053          |
| Private Capital (Saris-Regis)  | \$ 709,660          |
| Gas Tax                        | \$ 12,000           |
| MTA – Metro Prop C             | \$ 4,234,851        |
| <b>Total Sources</b>           | <b>\$ 5,293,564</b> |

The source of private capital for this project is the residual amount remaining from an initial deposit of \$2.2 million made by the project applicant (Saris-Regis) for the Westgate residential project in the area bounded by Del Mar Boulevard, De Lacey Avenue, Valley Street and Pasadena Avenue . As noted in the Minutes of the City Council meeting of September 18, 2006, the City Council, during consideration of a request for a Minor Conditional Use Permit and review of the Final Environmental Impact Report and Conditions of Approval for the Westgate/Saris-Regis project, approved the City Manager’s recommendation for “a project condition for payment of a pro-rata share, established at \$2,206,000, to install transportation improvements identified under the Mobility Element within the vicinity of the project” and further required “that the approximately \$2.2 million to be deposited by the applicant to the City be used to improve traffic and the Level of Service as near as possible to the immediate vicinity of the project”. The ITS Phase III project fulfills these requirements for use of the funds in that it will enhance the City’s ability to improve traffic flow through better communication with signalized intersections in the Westgate project vicinity, through its application of advanced traffic control algorithms and improved vehicle detection technology and through the direct retiming of traffic signals in corridors adjacent to and affected by the Westgate project.

The following table shows a preliminary estimate of the activities that the funding will be used to accomplish. Further detail will be provided once the project design is prepared by the Public Works Department and after a request for proposals process has been completed.

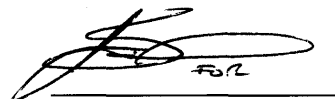
| Item                              | Cost        |
|-----------------------------------|-------------|
| Design PS&E                       | \$ 120,000  |
| Construction                      | \$4,397,531 |
| Construction Engineering          | \$ 400,000  |
| Contract Management/Advertisement | \$ 200,000  |
| TMC/IT support                    | \$ 100,000  |
| Miscellaneous/Administration      | \$ 76,033   |
| Total                             | \$5,293,564 |

Respectfully submitted,



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Department of Transportation

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Approved by:



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