

Agenda Report

TO: CITY COUNCIL

DATE: July 21, 2003

FROM: City Manager

SUBJECT: Resolutions approving Program Supplement Agreements for State Route 710 Mitigation Federal-Aid Projects – Arroyo Parkway Street Enhancement and Traffic Control and Monitoring Systems – Intelligent Transportation Systems (ITS)

RECOMMENDATION:

It is recommended that the City Council:

- (1) Adopt resolutions approving Program Supplement Agreements to Administering Agency – State Agreement No. 07-5064 between the City of Pasadena and the State of California, for State Reimbursement covering preliminary engineering for the following State Route (SR) 710 Mitigation Projects:
 - (a) Arroyo Parkway Street Enhancement, Federal-Aid Project No. RABA01-5064(025), Program Supplement Agreement No. M060.
 - (b) Traffic Control and Monitoring System – Intelligent Transportation Systems (ITS), Federal-Aid Project No. RABA01-5064(029), Program Supplement Agreement No. M061.
- (2) Authorize the City Manager to execute the same on behalf of the City.

BACKGROUND:

The Arroyo Parkway Street Enhancement and the Traffic Control and Monitoring System – Intelligent Transportation Systems (ITS) projects are two of the eight projects included in Pasadena's State Route (SR) 710 Mitigation Project funded by Transportation Bill H.R. 5394. These two projects are included in the approved Capital Improvement Program. City Council has previously awarded contracts for engineering and environmental services for these projects. The action requested of the City Council is to approve the respective Program Supplement Agreements, which enable the City to receive Federal funding for the projects.

Following are general descriptions of these two projects:

Arroyo Parkway Street Enhancement

This project includes the reconstruction/rehabilitation of the concrete roadway, modifications to the raised median to extend existing left turn pockets where needed, new raised medians, ITS upgrades, and will provide additional betterments such as improved street lighting, pedestrian amenities, sidewalk reconstruction, and landscaping. This project will improve rideability, enhance capacity, upgrade the roadway to meet current standards, provide aesthetic enhancements and increase pedestrian safety on Arroyo Parkway.

Traffic Control and Monitoring System – Intelligent Transportation Systems (ITS)

This project involves the installation of ITS technology and various degrees of smart signals along major corridors throughout the City that are impacted by the 710 Freeway gap. The absence of the 710 Freeway has an impact on several north/south and east/west corridors within the City, beyond the arterials directly adjacent to the 710 Freeway corridor. The ITS and smart signal technologies along these corridors are necessary to address and manage the traffic impacts on these streets. These systems provide better monitoring of traffic flows and allow staff to make adjustments to signal timing as needed to facilitate traffic operations. The 11 corridors are as follows:

1. Sierra Madre Boulevard from Michillinda Avenue to the south city limit
2. San Gabriel Boulevard from the 210 Freeway to the south city limit
3. Marengo Avenue from Orange Grove Boulevard to Del Mar Boulevard
4. California Boulevard from St. John Avenue to Lake Avenue
5. Hill Avenue from the 210 Freeway to Del Mar Boulevard
6. Cordova Street from Arroyo Parkway to Hill Avenue
7. Allen Avenue from Orange Grove Boulevard to Del Mar Boulevard
8. Del Mar Boulevard from Orange Grove Boulevard to Rosemead Boulevard
9. Orange Grove Boulevard from Colorado Boulevard to Sierra Madre Villa Avenue / Rosemead Boulevard from Sierra Madre Villa Avenue to Foothill Boulevard
10. Fair Oaks Avenue from Orange Grove Boulevard to the north city limit
11. Los Robles Avenue from Del Mar Boulevard to the north city limit

The Department of Public Works has obtained authorization from the State Department of Transportation to proceed with preliminary engineering on the two projects described herein. The request for Federal Funding reimbursement of 88.53% of the preliminary engineering requires City Council Approval. The Los Angeles County Metropolitan Transportation Authority has appropriated 10% in funds from Proposition "C" and the City has appropriated 1.47% in local funds to provide the remaining 11.47% of required matching funds.

The State of California acting through the California Department of Transportation (Caltrans), administers certain federal transportation funds. These funds are paid to the City of Pasadena pursuant to the provisions of Administering Agency –State Agreement No. 07-5064 (City of Pasadena Agreement No. 16,298) entered into by the parties on April 3, 1997. To obtain funds for a specific project it is necessary to execute a separate supplemental agreement for the project after it has been approved for funding by Caltrans and the Federal Highway Administration.

Following is a summary of reimbursement amounts from Federal Transportation Bill H.R. 5394 funds for each of the proposed Program Supplement Agreements:

- (a) Program Supplement Agreement No. M060 will provide reimbursement of up to \$478,062 in Federal funds for the preliminary engineering of the Arroyo Parkway Street Enhancement Project.
- (b) Program Supplement Agreement No. M061 will provide reimbursement of up to \$1,271,512 for the Traffic Control and Monitoring System - ITS Project.

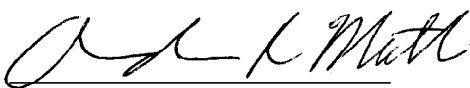
FISCAL IMPACT:

Approval of the Program Supplement Agreements to Administering Agency State Agreement No. 07-5064 will enable the City to obtain Federal reimbursement of eligible preliminary engineering costs. Funds in the amount of \$29,051 are available in Budget Account 73201 to cover the City's share of project costs:


Respectfully submitted:


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City Manager

Prepared by:


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Department of Public Works

Approved by:


DANIEL A. RIX
City Engineer/Acting Director
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