

Agenda Report

TO: CITY COUNCIL

DATE: April 28, 2003

FROM: City Manager

SUBJECT: Resolutions approving Program Supplement Agreements for State Route 710 Mitigation Federal-Aid Projects - California Boulevard Right Turn Lane at Fair Oaks Avenue, California Boulevard Right Turn Lane at Raymond Avenue, Raymond Avenue Widening, Lake Avenue and Hill Avenue at Walnut Street Intersection Mobility Improvement, SR 110 to SR 210 Connector/Marengo Interchange Emphasis

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) California Boulevard Right Turn Lane at Fair Oaks Avenue, Federal-Aid Project No. RABA01-5064(021), Program Supplement Agreement No. M054.
 - (b) California Boulevard Right Turn Lane at Raymond Avenue, Federal-Aid Project No. RABA01-5064(027), Program Supplement Agreement No. M056.
 - (c) Raymond Avenue Widening, Federal-Aid Project No. RABA01-5064(024), Program Supplement Agreement No. M057.
 - (d) Lake Avenue and Hill Avenue at Walnut Street Intersection Mobility Improvement, Federal-Aid Project No. RABA01-5064(023), Program Supplement Agreement No. M058.
 - (e) SR 110 to SR 210 Connector/Marengo Interchange Emphasis, Federal-Aid Project No. RABA01-5064(026), Program Supplement Agreement No. M059.
- (2) Authorize the City Manager to execute the same on behalf of the City.

BACKGROUND:

The California Boulevard Right Turn Lane at Fair Oaks Avenue, California Boulevard Right Turn Lane at Raymond Avenue, Raymond Avenue Widening, Lake Avenue and Hill Avenue at Walnut Street Intersection Mobility Improvement and SR 110 to SR 210 Connector/Marengo Interchange Emphasis Projects are five of the eight projects included in Pasadena's State Route (SR) 710 Mitigation Project funded by Transportation Bill H.R. 5394. Each of these five projects is 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 each of these projects:

California Boulevard Right Turn Lane at Fair Oaks Avenue

A separate right turn lane on eastbound California Boulevard at Fair Oaks Avenue is proposed to improve the intersection capacity and decrease travel time through the intersection. This intersection currently operates at a low level of service during peak travel periods, and the right turn lane will significantly improve the operation of the intersection as well as reduce congestion and delay on a major arterial roadway. The right turn lane will also facilitate the movement of vehicles to the Fair Oaks Avenue travel corridor, encourage the use of Raymond Avenue and facilitate access to the Light Rail station at Fillmore Street/Del Mar Boulevard. Right-of-way acquisition will be required to construct the proposed improvements. The property owner (Huntington Memorial Hospital) has agreed to dedicate the necessary right-of-way to the City.

California Boulevard Right Turn Lane at Raymond Avenue

The westbound right turn lane is needed to improve traffic operations and to accommodate the vehicle queues at the rail crossing east of Raymond Avenue. This project benefits the Gold Line light rail train operation and increases the capacity in the corridor, which carries a significant volume of traffic between SR710 and SR110.

Raymond Avenue Widening

This project consists of widening Raymond Avenue between Del Mar Boulevard and Glenarm Street, from the existing width of 56 feet to 60 feet wide. The existing right-of-way width is 80 feet, which will accommodate 10-foot wide parkways in addition to the 60-foot street width. The additional street width will permit four through travel lanes and left turn lanes at the intersections. The Raymond Avenue widening will increase capacity in the SR 710 corridor between Pasadena and South Pasadena for an interim solution to traffic congestion until the SR 710 freeway gap is constructed.

Lake Avenue and Hill Avenue at Walnut Street Intersection Mobility Improvement

This project will widen the east side of Lake Avenue from Walnut Street to approximately 300 feet south of Walnut Street to install a northbound right turn lane. This improvement will

facilitate the northbound to eastbound right turn movement and encourage the use of Walnut Street as an alternate access to eastbound SR 210 from Hill Avenue or Allen Avenue. This project also includes installation of left turn phasing at all four approaches of the Hill Avenue/Walnut Street intersection. Installation of left turn phasing at Hill Avenue will facilitate the traffic movements to access the SR 210 interchange at Hill Avenue. This project will require the acquisition of right-of-way from Ralph's Market.

SR 110 to SR 210 Connector/Marengo Interchange Emphasis

This project will provide improvements to facilitate and connect two-way traffic flow between the 110 Freeway at Arroyo Parkway and the 210 Freeway at Marengo Avenue. The goal of this project is to direct traffic flow between the 110 Freeway at Arroyo Parkway and the 210 Freeway at Marengo Avenue onto major arterial streets and off of residential streets that are currently impacted by motorists making this freeway connection. Traffic improvements may include, but are not limited to: the installation of changeable message signs, traffic signal upgrades, striping modifications to include dual turn movements where possible and installation of traffic signs.

The Department of Public Works has obtained authorization from the State Department of Transportation to proceed with preliminary engineering on the five 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:

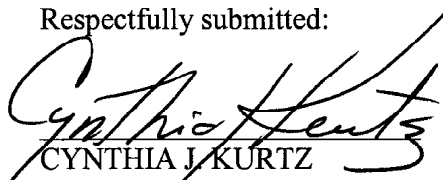
- (a) Program Supplement Agreement No. M054 will provide reimbursement of up to \$53,118 in Federal funds for the preliminary engineering of the California Boulevard Right Turn Lane at Fair Oaks Avenue Project.
 - (b) Program Supplement Agreement No. M056 will provide reimbursement of up to \$212,472 for the California Boulevard Right Turn Lane at Raymond Avenue Project.
 - (c) Program Supplement Agreement No. M057 will provide reimbursement of up to \$624,136 for the preliminary engineering of the Raymond Avenue Widening Project.
-

- (d) Program Supplement Agreement No. M058 will provide reimbursement of up to \$132,800 for the Lake Avenue and Hill Avenue at Walnut Street Intersection Mobility Enhancement Project.
- (e) Program Supplement Agreement No. M059 will provide reimbursement of up to \$39,840 for the preliminary engineering of the SR 110 to SR 210 Connector/ Marengo Interchange Emphasis 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 \$17,634 are available in Budget Account 73201 to cover the City's share of project costs:

Respectfully submitted:



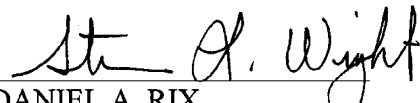
CYNTHIA J. KURTZ
City Manager

Prepared by:

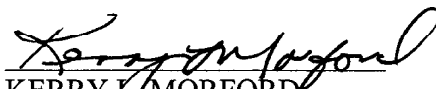


ANDREW R. MUTH
Principal Engineer
Department of Public Works

Reviewed by:

for 
DANIEL A. RIX
City Engineer
Department of Public Works

Approved by:



KERRY J. MORFORD
Interim Director
Department of Public Works