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OFFICE OF THE CITY CLERK  
OAKLAND

13 MAY -2 PM 1:37

# AGENDA REPORT

**TO:** DEANNA J. SANTANA  
CITY ADMINISTRATOR

**FROM:** Vitaly B. Troyan, P.E.

**SUBJECT:** Appropriation of Federal Highway  
Safety Grant Funds

**DATE:** April 15, 2013

City Administrator  
Approval

Date

5/01/13

**COUNCIL DISTRICT:** 1, 3 and 7

## RECOMMENDATION

Staff recommends that the City Council adopt a resolution authorizing the City Administrator or her designee, the Director of Public Works, to accept and appropriate Two Million Dollars (\$2,000,000.00) in Highway Safety Improvement Program Cycle-5 (HSIP-5) grant funds for transportation safety improvements at locations along West MacArthur Boulevard, 98th Avenue, and at Market Street/Adeline Street.

## OUTCOME

Adoption of the resolution will allow the City to accept the grants and fund the design and construction of traffic safety improvements for all modes at the subject locations. The locations were identified by the Transportation Services Division (TSD) as corridors with a high incidence of collisions that could be corrected by engineering means, based upon the HSIP grant requirements.

## BACKGROUND/LEGISLATIVE HISTORY

The Highway Safety Improvement Program (HSIP) is a competitive grant program that provides federal funds to improve safety for all modes of traffic on roadways. In July 2012, the City submitted HSIP-5 Grant proposals for the following traffic safety projects:

- West MacArthur Blvd between Market Street and Telegraph Avenue
- 98<sup>th</sup> Avenue between MacArthur Boulevard and Edes Avenue
- Market Street between 45<sup>th</sup> Street and Arlington Avenue

The City is required to provide a local match of \$948,500.00. These funds will allow the City to continue its ongoing efforts to implement traffic safety improvements at various high-accident corridors throughout the City. Specifically, the grants will fund the following improvements:

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Public Works Committee  
May 14, 2013

- **West MacArthur Blvd between Market Street and Telegraph Avenue :** Installation of protected left-turn pockets and upgrade traffic signals, installation of bike lanes; at
- **98<sup>th</sup> Avenue between MacArthur Boulevard and Edes Avenue:** Installation of upgraded traffic signals including advance detection system and speed feed-back signs, installation of curb bulb-outs at 98<sup>th</sup>/D Street.
- **Market Street between 45<sup>th</sup> Street and Arlington Avenue:** Reconfiguration of intersection geometry and widening sidewalks at Market/Adeline intersection to improve pedestrian safety; installation of bike lanes and striping; improved crosswalk markings.

The grant selection process is based on cost-effective measures that can reduce the number and severity of collisions, especially those that result in severe injuries. In October 2012, TSD was notified that all three submittals would be awarded funding. The grant projects were amended into the Federal Statewide Transportation Improvement Plan (FSTIP) in February 2013, and TSD received the grant contracts for execution.

### ANALYSIS

Selection of corridors proposed for the HSIP-5 grants was based upon the grant guidelines and review of historical collision records citywide. The collision history was plotted on a map of the City and corridors with patterns of collisions were identified as candidates for grant submission. In addition, consultation with the City's Bicycle and Pedestrian programs and OPD further served as a filter for identifying locations of highest priority and coordination with other efforts, such as bike and pedestrian projects. As a result, MacArthur Blvd, 98<sup>th</sup> Avenue and Market Street corridors were selected. The proposed projects include the installation of left-turn pockets and upgraded traffic signals, extension of bicycle lanes along Market Street and MacArthur Boulevard, installation of speed feed-back signs and traffic signal advance detection, curb bulb-outs and ADA- compliant curb ramps. All roadway users will benefit from these improvements.

### PUBLIC OUTREACH/INTEREST

The three grant proposals were presented to the Bicycle and Pedestrian Advisory Committee in July 2012, shortly before submittal. Attendees gave positive feedback, particularly about the West MacArthur and Market/Adeline projects.

### COORDINATION

The Transportation Services Division worked collaboratively with the Transportation Planning and Funding Division, Bicycle and Pedestrian Programs, in identifying potential candidate projects and consulted with OPD. The Budget and City Attorney's office were consulted in preparation of the report.

### COST SUMMARY/IMPLICATIONS

The proposed projects and cost estimates are as follows:

**West MacArthur Blvd between Market Street and Telegraph Avenue:**

The federal grant funds are \$699,400.00 and the local matching funds are \$388,400.00, for a total of \$1,087,800.00.

**98<sup>th</sup> Avenue between MacArthur Boulevard and Edes Avenue:**

The federal grant funds are \$656,900.00, and the local matching funds are \$282,600, for a total of \$939,500.00.

**Market Street between 45<sup>th</sup> Street and Arlington Avenue:**

The federal grant funds are \$643,700 and the local matching funds are \$277,500, for a total of \$921,200.00

The Highway Safety Improvement Program Cycle-5 (HSIP5) grant funds award is for a total amount of \$2,948,500.00. The FSTIP reimbursable portion is \$2,000,000.00 and the required City local match is \$948,500.00. Matching funds will be provided by Measure B Funds for transportation, from the Capital Improvement Project, "Matching Funds for Federally Funded Projects", project C370010. Allocations will come from the current 2012-13 budget year, as well as from the proposed 2013-15 policy budget.

### SUSTAINABLE OPPORTUNITIES

**Economic:** Acceptance of this competitive grant will bring the City \$2,000,000.00 in outside funding for much-needed transportation safety improvements. In addition, the improvements are expected to reduce collisions and the associated damage and economic impact.

**Environmental:** The improvements funded by the grant will improve the environment by promoting and improving pedestrian and bicycle safety, thereby reducing dependency on combustible engines, congestion and vehicle emissions, and improving the quality of life.

**Social Equity:** The improvements funded by the grant will provide improved accessibility and safety for walking and bicycling to employment and services for Oakland residents and visitors who use street corridors.

### DISABILITY AND SENIOR CITIZEN ACCESS


The improvements funded by this grant will incorporate design features compliant with the Americans with Disabilities Act (ADA), including new curb ramps and accessible pedestrian signals.

CEQA

The projects consist of modification to existing traffic signals, installation of bike lanes and modification to roadway geometric and traffic lanes, and therefore exempt from CEQA. However, the National Environmental Protection Act (NEPA) clearance guidelines will be processed during the preliminary engineering (PE) phase.

For questions regarding this report, please contact Ade Oluwasogo, Supervising Transportation Engineer, at 510-238-6103.

Respectfully submitted,

  
VITALY B. TROYAN, P.E.  
Director, Public Work Agency

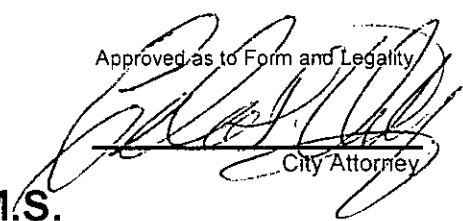
Reviewed by:  
Michael Neary, P.E., Assistant Director  
Department of Engineering and Construction

Wladimir Wlassowsky, P.E.  
Transportation Services Division Manager

Prepared by:  
Ade Oluwasogo, P.E.  
Supervising Transportation Engineer  
Transportation Services Division

OFFICE OF THE CITY CLERK  
OAKLAND

# OAKLAND CITY COUNCIL

  
City Attorney

13 MAY -2 PM 1:57

RESOLUTION No. \_\_\_\_\_ C.M.S.

Introduced by Councilmember \_\_\_\_\_

**RESOLUTION AUTHORIZING THE CITY ADMINISTRATOR OR HER DESIGNEE, THE DIRECTOR OF PUBLIC WORKS, TO ACCEPT AND APPROPRIATE TWO MILLION DOLLARS (\$2,000,000.00) IN HIGHWAY SAFETY IMPROVEMENT PROGRAM CYCLE 5 (HSIP-5) GRANT FUNDS, FOR ROADWAY SAFETY IMPROVEMENTS ON WEST MACARTHUR BOULEVARD, 98<sup>TH</sup> AVENUE, AND AT MARKET STREET/ADELINE STREET**

**WHEREAS**, the State of California Department of Transportation (Caltrans) disburses federal Highway Safety Improvement Program Cycle 5 (HSIP-5) funds on a competitive basis to eligible jurisdictions for projects that improve roadway safety for vehicles, pedestrians and bicycles; and

**WHEREAS**, the City of Oakland, Transportation Services Division submitted proposals for grant funding for roadway safety improvements along three of its highest-collision roadway corridors:

- West MacArthur Boulevard-Market Street to Telegraph Avenue
- 98<sup>th</sup> Avenue-MacArthur Boulevard to Edes Avenue
- Market Street-45<sup>th</sup> St. to Arlington Ave., including Adeline Street intersection

**WHEREAS**, the Transportation Services Division was notified recently that its proposals were granted the maximum amount of HSIP-5 grant funds eligible to a single jurisdiction, \$2,000,000; and

**WHEREAS**, the City of Oakland City of Oakland desires to accept and appropriate the \$2,000,000.00 in Federal Cycle 5 HSIP funds to Federal Highway Funds (2116), Public Works Agency, Transportation Services Division Organization (30264), to address eligible traffic safety issues; and

**WHEREAS**, \$699,400.00 of said funding will be used to modify and upgrade traffic signals; construct left-turn lane, install protected left-turn phasing, and modify traffic lanes to accommodate new bike lanes at West MacArthur Blvd between Market Street and Telegraph Avenue; and

**WHEREAS**, \$656,900.00 of said funding will be used to upgrade traffic signals; install advance detection system; widen sidewalks and install speed feed-back signs at 98<sup>th</sup> Avenue between MacArthur Boulevard and Edes Avenue; and

**WHEREAS**, \$643,700.00 of said funding will be used to modify intersection geometry to improve safety and operation for pedestrians, bicycle and vehicles, install new bike lanes; construct sidewalks with curb and gutter at Market Street between 45<sup>th</sup> Street and Arlington Avenue; and

**WHEREAS**, a local match of **\$948,500.00** is required as a condition of the grant and said local match will be provided by Measure B funds allocated specifically as local match for federally funded projects, in the current 2012-13 budget and in the proposed 2013-15 policy budget; and

**WHEREAS**, the Public Works Agency requests a waiver of the 1.5% public art fee for this project because HSIP guidelines restrict funding uses to traffic safety improvements and prohibit the use of grant funds for public art; now, therefore, be it

**RESOLVED:** That the City Council hereby authorizes acceptance and appropriation of the Federal Cycle 5 Highway Safety Improvement Program funds in the total amount of **\$2,000,000.00** for the aforementioned eligible traffic safety improvements; and be it

**FURTHER RESOLVED:** That these grant funds will be deposited and appropriated to Federal Highway Funds (2116), Transportation Services Division Organization (30264) in a project number to be established; and be it

**FURTHER RESOLVED:** That for this project the 1.5% public art fee is waived because HSIP guidelines prohibit the use of grant funds for public art; and be it

**FURTHER RESOLVED:** That the City Administrator, or her designee, is authorized, on behalf of the City of Oakland, to execute and submit all documents, payment requests, and related actions, as well as to appropriate any additional grant funds received for the completion of this project.

IN COUNCIL, OAKLAND, CALIFORNIA, \_\_\_\_\_

**PASSED BY THE FOLLOWING VOTE:**

**AYES – BROOKS, GALLO, GIBSON-MCELHANEY, KALB, KAPLAN, REID, SCHAAF and PRESIDENT KERNIGHAN**

**NOES -**

**ABSENT -**

**ABSTENTION -**

**ATTEST:** \_\_\_\_\_

**LaTonda Simmons**  
City Clerk and Clerk of the Council  
of the City of Oakland, California