

**CITY OF OAKLAND**  
**AGENDA REPORT**

**2009 JUN 11 PM 4: 07**

TO: Office of the City Administrator  
ATTN: Dan Lindheim  
FROM: Community and Economic Development Agency  
DATE: June 23, 2009

RE: **Resolution Authorizing The City Administrator Or Designee To Accept And Appropriate Three Hundred Three Thousand Five Hundred Seventy Dollars (\$303,570.00) In Highway Safety Improvement Program (HSIP) Grant Funds to Install Protected Left Turn Phasing and Pedestrian Countdown Heads At Various Signalized Intersections Citywide**

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**SUMMARY**

A resolution has been prepared authorizing the City Administrator, or designee, to accept and appropriate a Highway Safety Improvement Program (HSIP) Grant Funds award in the amount of \$303,570.00. The amount of \$303,570.00 constitutes 90% of the total project cost of \$337,300.00. The City is required to provide a local match of 10%, equivalent to \$33,730.00. These funds will allow the City to continue its ongoing efforts to implement traffic safety improvements at various high-accident intersections throughout the City. Specifically, the grant will be used to install protected left turn signal phasing at the following intersections:

- 1) West Grand Avenue at Market Street: Westbound
- 2) MacArthur Boulevard at Fruitvale Avenue: Westbound
- 3) Market Street at 55<sup>th</sup> Street: Southbound

In addition, the grant will fund the installation of pedestrian countdown signals at 14 intersections, most of which are located within the Downtown district with high pedestrian activities.

**FISCAL IMPACTS**

Approval of this resolution will allow the City to accept and appropriate \$303,570.00 for design and construction of the traffic and pedestrian safety improvements. The City is required to provide a local match of \$33,730.00, equivalent to 10 percent of the total project cost. Funds will be deposited and appropriated within the State of California Department of Transportation Fund (2140), Transportation Services Division Organization (88363), and a new project number will be established. The local match is available in the Hazard Elimination Safety Project (C316210), Measure B-ACTIA Fund (2211), Transportation Services Division Organization (88363). The deadline to spend the HSIP grant funds is in June 2011. Ongoing maintenance costs as a result of the project improvements are expected to be minimal and will be absorbed within current maintenance appropriations.

Item: \_\_\_\_\_  
Public Works Committee  
June 23, 2009

## **BACKGROUND**

The Highway Safety Improvement Program (HSIP) is a competitive grant program that provides federal funds to improve safety on roadways. It is the intent of the HSIP that funds be expended on important safety projects that can be designed and constructed expeditiously. In 2008, the City submitted HSIP Grant proposals for the following traffic safety projects:

- 1) Redwood Road Safety Improvements
- 2) 73<sup>rd</sup> Avenue Safety Improvements
- 3) Protected Left Turn Signal Phasing at Three Intersections
- 4) Pedestrian Signal Heads with Countdown Modules at 14 Intersections.

NOTE: Although not among the highest-accident rate locations, the Redwood Road and 73<sup>rd</sup> Avenue locations were selected as candidates due to unique roadway geometry and community concerns.

Annually, staff evaluates which intersections citywide have the highest frequency of correctable collisions within preceding five years. During this process in 2007, each of the above three intersections were identified to have at least two collisions that are correctable by a left-turn signal during a 12-month period as follows:

- Westbound West Grand Avenue at Market Street (5 correctable from 4/1/03 to 3/31/04)
- Westbound MacArthur at Fruitvale (2 correctable from 2/1/03 to 8/31/03)
- Southbound Market Street at 55th Street (6 correctable from 10/1/03 to 8/31/04).

Staff evaluated signalized intersections citywide with more than one pedestrian collision during a recent three-year period (from July 1, 2004 to June 30, 2007). The HSIP grant application requires not only collision data, but also traffic and pedestrian volume data. Most of these intersections with multiple pedestrian collisions and high traffic and pedestrian volume are located in the Downtown area. Additional countdown signal projects for other intersections will be accomplished through the City's Pedestrian Countdown Signal program (Project C270110).

Late in 2008, Caltrans announced the HSIP (Cycle 2) list of approved projects for Federal Fiscal Years 2007/2008 and 2008/2009. The list included 173 safety projects totaling more than \$67 million of federal safety funds, including the Protected Left Turn Signal Phasing and Pedestrian Signal Heads Projects submitted by the City. The safety projects on Redwood Road and 73<sup>rd</sup> Avenue were not approved.

## **KEY ISSUES AND IMPACTS**

Adoption of this resolution will allow the City to accept and appropriate grant funds to address identified safety issues at 17 signalized intersections. Installing left turn phasing at three locations will improve safety by eliminating conflicting traffic movements; it will also improve safety for pedestrians, who get a signal phase that is separated from the left-turning traffic, thereby lessening conflicts.

Pedestrian signal heads with countdown modules will be installed at 14 intersections to enhance crossing time information and improve pedestrian safety.

### **PROJECT DESCRIPTION**

The left turn phasing project includes installing video detection and left turn signal heads for the following movements:

- 1) Westbound West Grand Avenue at Market Street
- 2) Westbound MacArthur Boulevard at Fruitvale Avenue
- 3) Southbound Market Street at 55<sup>th</sup> Street.

The pedestrian signal head project involves the installation of a total of 112 countdown modules, two per corner at each intersection, for a total of eight per intersection, at the following 14 intersections:

- 1) High Street / Bond Avenue
- 2) Foothill Boulevard / 47<sup>th</sup> Avenue
- 3) 7<sup>th</sup> Street / Washington Street
- 4) 8<sup>th</sup> Street / Washington Street
- 5) 8<sup>th</sup> Street / Madison Street
- 6) 10<sup>th</sup> Street / Clay Street
- 7) 11<sup>th</sup> Street / Clay Street
- 8) 11<sup>th</sup> Street / Jefferson Street
- 9) 12<sup>th</sup> Street / Webster Street
- 10) 13<sup>th</sup> Street / Madison Street
- 11) Broadway / 17<sup>th</sup> Street
- 12) Broadway / 19<sup>th</sup> Street
- 13) 19<sup>th</sup> Street / Franklin Street
- 14) 19<sup>th</sup> Street / Webster Street

### **SUSTAINABLE OPPORTUNITIES**

**Economic:** Project implementation provides the opportunity to use local contractors that offer employment to Oakland residents, thereby strengthening the local economy.

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

**Social Equity:** This project will provide improved accessibility and safety for walking to employment and services for Oakland residents and visitors who use the 17 intersections.

## DISABILITY AND SENIOR CITIZEN ACCESS

Where applicable, the project will comply with all requirements of the Americans with Disabilities Act (ADA).

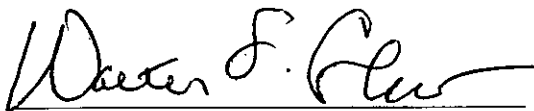
## RECOMMENDATION AND RATIONALE

Staff recommends that the City Council authorize the City Administrator, or his designee, to accept and appropriate Federal Cycle 2 Highway Safety Improvement Program (HSIP) Grant funds in the amount of \$303,570.00. The grant funds respond to the need for traffic safety improvements at 17 signalized intersections citywide.

## ACTION REQUESTED OF THE CITY COUNCIL

Staff recommends that the City Council approve the resolution.

Respectfully submitted,



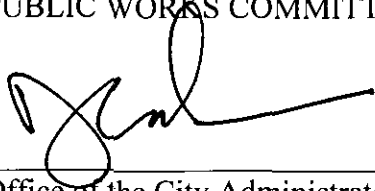
Walter S. Cohen, Director  
Community & Economic Development Agency

Reviewed by:  
Michael J. Neary, P.E.  
Deputy Director  
Community & Economic Development Agency

Wladimir Wlassowsky, P.E.  
Transportation Services Division Manager

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

APPROVED AND FORWARDED TO THE  
PUBLIC WORKS COMMITTEE:



Office of the City Administrator

Item: \_\_\_\_\_  
Public Works Committee  
June 23, 2009

FILED  
OFFICE OF THE CITY CLERK  
OAKLAND  
2009 JUN 11 PM 4:07

Approved as to Form and Legality

# OAKLAND CITY COUNCIL

  
City Attorney

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

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

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**RESOLUTION AUTHORIZING THE ADMINISTRATOR OR DESIGNEE TO ACCEPT AND APPROPRIATE THREE HUNDRED THREE THOUSAND FIVE HUNDRED SEVENTY DOLLARS (\$303,570.00) HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) GRANT FUNDS TO INSTALL PROTECTED LEFT TURN PHASING AND PEDESTRIAN COUNTDOWN HEADS AT VARIOUS SIGNALIZED INTERSECTIONS CITYWIDE**

**WHEREAS**, the State of California Department of Transportation (Caltrans) disburses federal Highway Safety Improvement Program (HSIP) funds to eligible jurisdictions for projects that improve traffic safety; and

**WHEREAS**, the City of Oakland desires to accept and appropriate the \$303,570.00 in Federal Cycle 2 HSIP funds for the purpose of appropriating said funding to Caltrans Fund (2140), and Community and Economic Development Agency, Transportation Services Division Organization (88363), to address eligible traffic safety issues; and

**WHEREAS**, \$222,930.00 of said funding will be used to install protected left turn phasing for the following movements: 1) Westbound West Grand Avenue at Market Street; 2) Westbound MacArthur Boulevard at Fruitvale Avenue; and 3) Southbound Market Street at 55<sup>th</sup> Street; and

**WHEREAS**, \$80,640.00 of said funding will be used to install pedestrian countdown modules at the following intersections: 1) High Street/Bond Avenue; 2) Foothill Boulevard/47<sup>th</sup> Avenue; 3) 7<sup>th</sup> Street/Washington Street; 4) 8<sup>th</sup> Street/Washington Street; 5) 8<sup>th</sup> Street/Madison Street; 6) 10<sup>th</sup> Street/Clay Street; 7) 11<sup>th</sup> Street/Clay Street; 8) 11<sup>th</sup> Street / Jefferson Street; 9) 12<sup>th</sup> Street/Webster Street; 10) 13<sup>th</sup> Street/Madison Street; 11) Broadway/17<sup>th</sup> Street; 12) Broadway/19<sup>th</sup> Street; 13) 19<sup>th</sup> Street / Franklin Street; 14) 19<sup>th</sup> Street/Webster Street; and

**WHEREAS**, the local match of \$33,730.00 is available in the Hazard Elimination Safety Project C316210, Fund 2211, Transportation Services Division Organization (88363); and

**WHEREAS**, the Community and Economic Development Agency has requested 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 2 Highway Safety Improvement Program funds in the total amount of \$303,570.00 for the aforementioned eligible traffic safety improvements; and be it

**FURTHER RESOLVED:** That these grant funds will be deposited and appropriated to Caltrans Fund (2140), Transportation Services Division Organization (88363) 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 his 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, \_\_\_\_\_, 20\_\_\_\_\_

**PASSED THE FOLLOWING VOTE:**

AYES – BROOKS, DE LA FUENTE, KAPLAN, KERNIGHAN, NADEL, QUAN, REID, AND  
PRESIDENT BRUNNER

NOES –

ABSENT –

ABSTENTION –

ATTEST: \_\_\_\_\_  
LaTonda Simmons  
City Clerk and Clerk of the Council  
of the City of Oakland, California