

**CITY OF OAKLAND
AGENDA REPORT**

FILED
OFFICE OF THE CITY CLERK
OAKLAND

2005 JUN 28 PM 3:11

TO: Office of the City Administrator
ATTN: Deborah Edgerly
FROM: Public Works Agency
DATE: July 12, 2005

RE: **RESOLUTION AUTHORIZING THE CITY ADMINISTRATOR TO ACCEPT AND APPROPRIATE THE HAZARD ELIMINATION SAFETY (HES) PROGRAM STATE FUNDS IN THE AMOUNT OF NINETY THOUSAND DOLLARS (\$90,000) FOR TRAFFIC SAFETY IMPROVEMENTS AT THE INTERSECTION OF SAN LEANDRO STREET AT 66TH AVENUE**

SUMMARY

A resolution has been prepared authorizing the City Administrator or her designee to accept and appropriate State-managed funds from the Hazard Elimination Safety (HES) Program in the amount of \$90,000.

The HES funds will be used to redesign and modify an existing traffic signal located at the intersection of San Leandro Street at 66th Avenue to reduce accidents related to vehicles making left turns on San Leandro Street. The redesigned signal will protect left-turning vehicles from oncoming traffic by allowing a protected signal phase. The protected left turn movement will be accomplished by adding four left turn signal heads to the intersection, two in each direction of travel on San Leandro Street. The project is located in Council Districts 6 and 7.

The intersection has a high accident rate, a significant number involving vehicles making left turns from San Leandro Street to 66th Avenue.

This project is consistent with the following City Council Budget Priorities:

Develop a Sustainable City by improving the traffic operation and safety at a major intersection which serves residents, business, and transit.

Build Community and Foster Livable Neighborhoods by making the intersection more convenient for drivers and accessible to wheelchairs and pedestrians.

It is recommended the resolution be approved.

FISCAL IMPACTS

Approval of this resolution will accept \$90,000 from the HES Program. These funds will be appropriated to the California Department of Transportation Fund (2140), and a project number will be established.

Funding in the amount of \$10,000 for the required local match is available in Measure B ½ cent sales tax (Fund 2210), Project C98720, Transportation Services Organization 92246.

The required allocations for Contract Compliance will be set aside in the appropriate accounts upon approval of this resolution.

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Federal and Measure B funds are ineligible for the 1.5 percent local art allocation. No public art is incorporated in this project since it is strictly a signal improvement.

BACKGROUND

The Surface Transportation Program (STP) was established in 1998 as part of the Transportation Efficiency Act for the 21st Century (TEA-21) to provide for highway and local road improvement projects; a portion of the STP funds go toward the Hazard Elimination and Safety Program for safety improvements on public roads, public surface transportation facility, publicly-owned bicycle or pedestrian pathway or trail, and for traffic calming measures. There are two categories that an agency can qualify for funding: Safety Index Projects and Work Type Improvement Projects. Safety Index type projects have quantifiable benefits that are analyzed using a safety index (SI).

In 2002 the City submitted a Safety Index project grant application for the intersection of San Leandro Street and 66th Avenue. At the time this intersection had the highest accident rate in the City. The intersection was averaging 26 accidents per year, 9 of which were associated with vehicles making left turns from San Leandro Street onto 66th Avenue. Based on the accidents and the potential for the project to correct these accidents, the City was granted \$90,000 for the design and construction of left turn signals.

Left turn signals are not proposed for traffic turning from 66th Avenue to San Leandro Street because accident records did not show a high incidence for this movement and the width of 66th Avenue is too narrow to accommodate a left turn pocket.

KEY ISSUES AND IMPACTS

The HES project will reduce vehicular accidents between vehicles making left turns on San Leandro Street at 66th Avenue and vehicles proceeding straight through the intersection. Timely acceptance of this grant will allow for the design and modification of the signal to move forward and improve the safety of this intersection.

There is an expected savings to the public in property damage and insurance claims which is not predicted in this report. The convenience to drivers turning left from San Leandro Street to 66th Avenue will be significantly improved; however, the overall delay to drivers on average through the intersection will marginally increase. The left turn signals will also enhance transit and rail operations including AC Transit and shuttle services from Oakland International Airport to BART and Amtrak.

PROJECT DESCRIPTION

The project consists of the following improvements:

1. Adding new traffic signal heads to the signal system to allow for left turn phasing;
2. Removing existing signal poles and mast arm poles to accommodate new poles; and
3. Adding new mast arm signal poles with mast arms that extend to the center of San Leandro Street, including foundations, conduits, and wiring.

Engineering and design of the project will begin immediately upon approval by Council, and construction will be completed by November 2005.

SUSTAINABLE OPPORTUNITIES

Economic: The expected reduction in left turn accidents will have direct impact on insurance claims, property repair, and injury to the general public.

Environmental: The safety and convenience to drivers through the intersection will be greatly enhanced.

Social Equity: There are on average 39,000 vehicles passing through San Leandro Street and 66th Avenue per day. These vehicles carry people from every walk of life in the City to their homes, to BART, to the Oakland Coliseum, to the Oakland Airport, to Amtrak, to work, and to pick up goods and materials.

DISABILITY AND SENIOR CITIZEN ACCESS

The improvements will help all vehicles and drivers including seniors and disabled citizens. Further, wheelchair ramps will be upgraded at all corners.

RECOMMENDATIONS AND RATIONALE

Staff recommends approval of the resolution to accept and appropriate funds from the Hazard Elimination Safety Program in the amount of \$90,000. The project will reduce accidents annually and improve quality of life to the general public.

ACTION REQUESTED OF THE CITY COUNCIL

Staff requests that Council approve the resolution.

Respectfully submitted,



RAUL GODINEZ II, P.E.
Director, Public Works Agency

Reviewed by:
Michael J. Neary, P.E.
Assistant Director, Public Works Agency
Design & Construction Services Department

Prepared by:
Wladimir Wlassowsky, P.E.
Transportation Services Manager

APPROVED AND FORWARDED TO
THE PUBLIC WORKS COMMITTEE:



OFFICE OF THE CITY ADMINISTRATOR

OAKLAND CITY COUNCIL

RESOLUTION No. _____

C.M.S. - ED
OFFICE OF THE CITY CLERK
OAKLAND

J. P. Wilson

INTRODUCED BY COUNCILMEMBER _____

2005 JUN 28 PM 3:12

RESOLUTION AUTHORIZING THE CITY ADMINISTRATOR TO ACCEPT AND APPROPRIATE THE HAZARD ELIMINATION SAFETY (HES) PROGRAM STATE FUNDS IN THE AMOUNT OF NINETY THOUSAND DOLLARS (\$90,000) FOR TRAFFIC SAFETY IMPROVEMENTS AT THE INTERSECTION OF SAN LEANDRO STREET AT 66TH AVENUE

WHEREAS, the State of California Department of Transportation (Caltrans) is responsible for disbursing federal funds from the Hazard Elimination Safety (HES) Program for safety improvements that eliminate or reduce the number and severity of traffic accidents; and

WHEREAS, the Mayor/Council goals include improving traffic safety including pedestrians and bicyclists; and

WHEREAS, the City of Oakland applied for and was awarded HES funds in the amount of \$90,000; and

WHEREAS, the City will provide a local match in the amount of \$10,000 from Transportation Development Act (TDA) funds (Resolution No. 77748, approved on April 15, 2003); now, therefore, be it

RESOLVED: That the City Council authorizes the City Administrator, or her designee, to accept and appropriate the Hazard Elimination Safety funds in the amount of \$90,000; 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, _____, 20____

PASSED BY THE FOLLOWING VOTE:

AYES - BROOKS, BRUNNER, CHANG, KERNIGHAN, NADEL, QUAN, REID, AND PRESIDENT DE LA FUENTE

NOES -

ABSENT -

ABSTENTION -

ATTEST: _____

LATONDA SIMMONS
City Clerk and Clerk of the Council
Of the City of Oakland, California