

# CITY OF OAKLAND

## AGENDA REPORT

2011 FEB 24 AM 11:29

TO: Office of the City Administrator  
ATTN: Dan Lindheim  
FROM: Public Works Agency  
DATE: March 8, 2011

RE: Resolution Authorizing The City Administrator To Apply For, Accept, And Appropriate A Rubberized Asphalt Concrete Chip Seal Grant Up To A Maximum Award Amount Of \$500,000.00 From The California Department Of Resources Recycle And Recovery (Known As "CalRecycle")

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### SUMMARY

A resolution has been prepared to apply for, accept, and appropriate up to \$500,000.00 in State Grants for the Rubberized Asphalt Concrete Chip Seal Grant. The fund will be administered through the Department of Resources Recycling and Recovery (CalRecycle), formerly known as the California Integrated Waste Management Board. The grant is part of the Rubberized Asphalt Concrete Grant Program (FY 2010/11). This grant is provided in furtherance of the State of California's efforts to reduce, recycle and reuse solid waste generated in the State thereby preserving landfill capacity and protecting public health and safety and the environment. It is recommended the resolution be adopted.

### FISCAL IMPACTS

Approval of the resolution will allow the City to accept and appropriate up to \$500,000 for the street resurfacing program using rubber chip seal technology. Funds will be deposited into the State of California Other Grant Fund (2159) and appropriated as follows: \$500,000.00 to Engineering Design Division, Streets and Structures Organization (92242), Account 57411 - Street Construction. A new project number will be established. The grant will augment local paving funds and help Oakland reduce the amount of deferred street maintenance.

### BACKGROUND

The California Department of Resources Recycling and Recovery (CalRecycle), formerly known as the California Integrated Waste Management Board, offers a variety of grant funding opportunities to assist public and private entities in safely and effectively managing California's waste stream. These grant funds further CalRecycle's core mission to reduce/reuse/recycle all waste, encourage development of recycled content products and markets, and protect public health and safety and foster environmental sustainability.

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Engineering benefits with the use of the rubberized asphalt concrete chip seal include longer lasting, more durable pavement that resists cracking, rutting, and shoving. No special paving equipment is required in the application of the material. A thinner pavement section can be used when using rubberized asphalt concrete chip seal when compared to the use of conventional asphalt concrete. The pavement would be a skid-resistant surface and reduce noise pollution with noticeably lower tire noise. The color of the pavement would provide a prolonged color contrast with striping and markings.

As part of CalRecycle's "Tire-derived Aggregate Civil Engineering Program Grants", CalRecycle provides the Rubberized Asphalt Concrete (RAC) Grant Program to promote the use of recycled-content resurfacing products derived from waste tires generated in California and to reduce the adverse environmental impacts created by unlawful disposal and stockpiling of waste tires.

### KEY ISSUES AND IMPACTS

Oakland has a \$418 million backlog in street resurfacing. This funding will be utilized for a resurfacing project that will use recycled materials (rubberized concrete chip seals) and will offer sorely needed funds towards the City's enormous backlog of repairs.

An approved City Resolution for the filing of this grant must be received no later than March 18, 2011. The term of the grant is from April 1, 2011 to April 1, 2013. The City of Oakland must have an Environmentally Preferable Purchases and Practices (EPPP) Policy in place. Resolution No. 80747 C.M.S. dated July 17, 2007 meets this requirement and will be submitted as part of the grant application showing the City's EPPP Policy.

### PROJECT DESCRIPTION

The grant funds will allow for the City to resurface roadways using rubber chip seal technology. The streets selected for rubberized asphalt concrete chip seal will be residential streets in need of repaving. The selection process for the streets is based on a prioritization procedure already in place. It was approved by City Council in a previous Resolution #81039 C.M.S. Resolution Establishing A Five-Year Prioritization Plan For The City Of Oakland's Street Pavement Rehabilitation Program.

### SUSTAINABLE OPPORTUNITIES

**Economic:** Routine maintenance to the pavement enhances and protects the City's infrastructure providing economic benefit to everyone.

**Environmental:** Used tires will be used within the asphalt concrete construction materials to the extent possible. Grindings from the asphalt paving will be recycled whenever possible. Resurfaced roadways also increase fuel efficiency and therefore reduce greenhouse gas emissions.

**Social Equity:** The street rehabilitation program works to preserve the City's infrastructure, enhance public access and protect the public from hazardous conditions. The Pavement Management Program ensures that street rehabilitation funds are spent in a manner that is cost effective throughout the city.

#### DISABILITY AND SENIOR CITIZEN ACCESS

Street resurfacing eliminates poor pavement conditions and provides a uniform travel surface for all roadway users, including pedestrians using crosswalks and transit vehicles. The primary objective of street rehabilitation is to provide a well-maintained and safe path of travel.


#### RECOMMENDATION AND RATIONALE

The grant provides sorely needed funding for Oakland's deferred street maintenance needs. Staff recommends that the City Council approve the resolution to apply for, accept, and appropriate for a maximum award amount of \$500,000.00 in Rubberized Asphalt Concrete Chip Seal Grant funding from CalRecycle.

#### ACTION REQUESTED OF THE CITY COUNCIL

Staff recommends that the City Council approve the resolution.

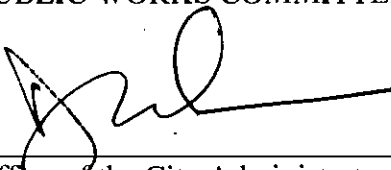
Respectfully submitted,

  
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Vitaly B. Troyan, P.E., Director  
Public Works Agency

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

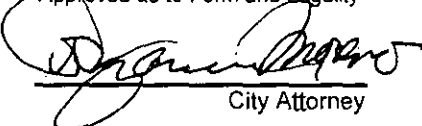
Prepared by:  
Allen Law, P.E., Supervising Civil Engineer  
Engineering Design & ROW Management Division

APPROVED AND FORWARDED TO THE  
PUBLIC WORKS COMMITTEE:

  
\_\_\_\_\_  
Office of the City Administrator

Item: \_\_\_\_\_  
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Approved as to Form and Legality  
  
City Attorney

## OAKLAND CITY COUNCIL

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

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**RESOLUTION AUTHORIZING THE CITY ADMINISTRATOR TO APPLY FOR, ACCEPT AND APPROPRIATE A RUBBERIZED ASPHALT CONCRETE CHIP SEAL GRANT UP TO A MAXIMUM AWARD AMOUNT OF \$500,000.00 FROM THE CALIFORNIA DEPARTMENT OF RESOURCES RECYCLING AND RECOVERY (KNOWN AS "CALRECYCLE")**

**WHEREAS**, the Public Works Agency has become aware of the opportunity to submit an application to the Department of Resources Recycling and Recovery ("CalRecycle"), formerly known as the California Integrated Waste Management Board, for a Rubberized Asphalt Concrete (RAC) grant up to a maximum award amount of \$500,000.00; and

**WHEREAS**, funds are available in CalRecycle's Rubberized Asphalt Concrete (RAC) Grant Program to promote the purchase of recycled-content surfacing products derived from waste tires generated in California and to decrease the adverse environmental impacts created by unlawful disposal and stockpiling of waste tires; and

**WHEREAS**, Oakland has a \$418 million backlog in street resurfacing and this funding can be used to pay for a resurfacing project that will use recycled materials (rubberized concrete chip seals), and would help to reduce the backlog of repairs; and

**WHEREAS**, the Department of Resources Recycling and Recovery (CalRecycle) administers grants in furtherance of the State of California's (State) efforts to reduce, recycle and reuse solid waste generated in the State thereby preserving landfill capacity and protecting public health and safety and the environment; and

**WHEREAS**, in furtherance of this authority CalRecycle grant application procedures require, among other things, that an applicant's governing body declare by resolution certain authorizations related to the administration of CalRecycle grants; now, therefore be it

**RESOLVED:** That the City Administrator on behalf of the City of Oakland is authorized to execute and file an application for a Rubberized Asphalt Concrete Chip Seal Grant up to a maximum award amount of \$500,000.00 from the Department of Resources Recycling and Recovery (CalRecycle); and be it

**FURTHER RESOLVED:** That the City Administrator, or his designee, is hereby authorized to accept and appropriate any funds received for this project for the purposes described above; and be it

**FURTHER RESOLVED:** That the City Council hereby appropriates any funds that are received for the Project under the State of California Other Grant Fund (2159) under a project number to be established; and be it

**FURTHER RESOLVED:** That the City Administrator is authorized to execute all grant documents, including, but not limited to, applications, agreements, amendments and requests for payment, necessary to secure said grant funds and implement the approved grant project; and be it

**FURTHER RESOLVED:** That the authorizations set forth herein are effective for five (5) years from the date of adoption of this resolution; and be it

**FURTHER RESOLVED:** That all agreements shall be reviewed and approved by the City Attorney's Office for form and legality prior to execution.

IN COUNCIL, OAKLAND, CALIFORNIA, \_\_\_\_\_, 20\_\_\_\_

PASSED BY THE FOLLOWING VOTE:

AYES - BROOKS, DE LA FUENTE, KAPLAN, KERNIGHAN, NADEL, SCHAAF, BRUNNER, and PRESIDENT REID

NOES -

ABSENT -

ABSTENTION -

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

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