



CITY OF  
**HAYWARD**  
HEART OF THE BAY

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**DATE:** May 18, 2010  
**TO:** Mayor and City Council  
**FROM:** Director of Public Works  
**SUBJECT:** Measure B Pavement Rehabilitation FY11: Approval of Plans and Specifications and Call for Bids

**RECOMMENDATION**

That Council adopts the attached resolution approving the plans and specifications for the Measure B Pavement Rehabilitation FY11 project and calls for bids to be received on June 15, 2010.

**BACKGROUND**

This Measure B funded project is a continuation of the City's ongoing program to repair failed pavement sections with localized pavement section repairs and the application of asphalt concrete overlay on streets City-wide. This work will extend the useful life of pavement before it deteriorates to the point where more costly reconstruction work is needed. To satisfy the requirements of the Americans with Disabilities Act (ADA), accessible ramps will be installed at the curb returns of street intersections located within the limits of the project.

In order to expedite emergency pavement repairs at the Hayward Executive Airport (HEA), Airport staff has requested that HEA pavement repairs be included in this project. Localized spot repairs will be performed on the apron east of and bordering Taxiway "E", Diagonal Taxiway north of the Zipperlane, and lead-in areas along Taxiway "C" located between runways. The continuous use of these taxiways by heavy aircraft has exacerbated the deterioration of certain areas of the paved surface area. The size of aircraft currently using the taxiways is much heavier than the pavement sections were originally designed to handle.

The project is categorically exempt under section 15301 (c) of the California Environmental Quality Act Guidelines for the operation, repair, maintenance, or minor alteration of existing facilities.

## DISCUSSION

The selection of City streets and taxiways for rehabilitation is based on staff's analysis of the pavement condition indices identified through the City's computerized Pavement Management Program (PMP), field examination, and the functional classification of each street and taxiway. The streets for rehabilitation include: Avondale Lane, Bahama Avenue, Capitola Court, Kelly Street, Klamath Court, Orchard Avenue, Silva Avenue, Skokie Lane, Stonewall Avenue and Thelma Street. Attachments II and III identify the streets and taxiways selected for treatment this fiscal year.

Pavement rehabilitation for these projects consists of removing four to eight inches deep of localized failed pavement, compacting the base, and plugging it with asphalt concrete. Engineering fabric is then placed over the existing pavement to minimize cracking through the asphalt cement overlay. Finally, a two-inch-thick asphalt overlay is placed over the entire width of the pavement surface. It should be noted that the section of Bahama Avenue between Sleepy Hollow Ave and West Tennyson Rd is in poorer condition and is scheduled for full reconstruction, which is being considered on a separate agenda item this evening.

The HEA spot repairs would consist of removing eight to twelve inches of localized failed pavement, applying cement treatment to the subgrade, and plugging it with deep lift asphalt concrete. Adding this airport repair work to the Measure B Pavement Rehabilitation project will benefit from the economy of scale, and also provide an expedited response to the deteriorated pavement situation.

## FISCAL IMPACT

The estimated project costs are as follows:

Pavement Repair/Rehabilitation – Contract Construction	\$770,000
Design and Administration	55,000
Inspection and Testing	<u>75,000</u>
Total	\$900,000

The FY 2010 Capital Improvement Program includes \$800,000 in the Measure B Tax Fund (Local Transportation) for the Measure B Pavement Rehabilitation FY11 project, and \$100,000 in the Airport Capital Improvement Fund for miscellaneous pavement repairs, for a total of \$900,000.

## PUBLIC CONTACT

Because of the temporary inconvenience that would be caused by the pavement work, immediately after the construction contract is awarded, a preliminary notice explaining the pavement rehabilitation project will be distributed to all residents and businesses along the affected streets. After the construction work has been scheduled, signs on barricades will be

posted 72 hours prior to commencement of work indicating the date and time of work for each street.

Airport staff will send out preliminary notices to all leasehold tenants who may be affected by the Airport's localized spot repair work. After the construction work has been scheduled, a detailed notice indicating the date, time of work and construction areas will be distributed to all affected tenants.

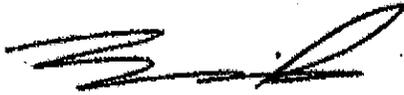
## **SCHEDULE**

Open Bids	June 15, 2010
Award Contract	July 20, 2010
Begin Work	August 16, 2010
Complete Work	September 28, 2010

*Prepared by:* Morad Fakhrai, Deputy Director of Public Works

*Recommended by:* Robert A. Bauman, Director of Public Works

Approved by:



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Fran David, City Manager

### Attachments:

- Attachment I: Resolution
- Attachment II: Project Location Maps
- Attachment III: List of Streets for Overlay

# DRAFT

## HAYWARD CITY COUNCIL

### RESOLUTION NO. 10-\_\_\_\_\_

Introduced by Council Member \_\_\_\_\_

#### RESOLUTION APPROVING PLANS AND SPECIFICATIONS FOR THE MEASURE B PAVEMENT REHABILITATION FY11 PROJECT, PROJECT NO. 5112, AND CALL FOR BIDS

BE IT RESOLVED by the City Council of the City of Hayward as follows:

1. That those certain plans and specifications for the Measure B Pavement Rehabilitation FY11 Project, Project No. 5112, on file in the office of the City Clerk, are hereby adopted as the plans and specifications for the project;
2. That the City Clerk is hereby directed to cause a notice calling for bids for the required work and material to be made in the form and manner provided by law;
3. That sealed bids therefor will be received by the City Clerk's office at City Hall, 777 B Street, 4<sup>th</sup> Floor, Hayward, California 94541, up to the hour of 2:00 p.m. on Tuesday, June 15, 2010, and immediately thereafter publicly opened and declared by the City Clerk in the Public Works Conference Room, 4D, located on the 4<sup>th</sup> Floor of City Hall, Hayward, California;
4. That the City Council will consider a report on the bids at a regular meeting following the aforesaid opening and declaration of same.
5. That the project is categorically exempt under section 15301(c) of the California Environmental Quality Act Guidelines for the operation, repair, maintenance, or minor alteration of existing facilities.

IN COUNCIL, HAYWARD, CALIFORNIA \_\_\_\_\_, 2010

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

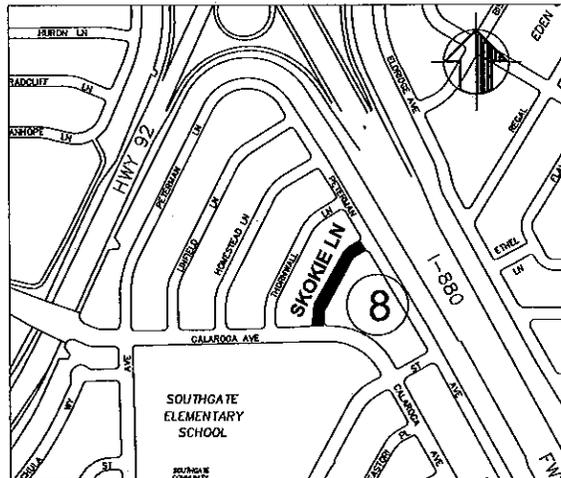
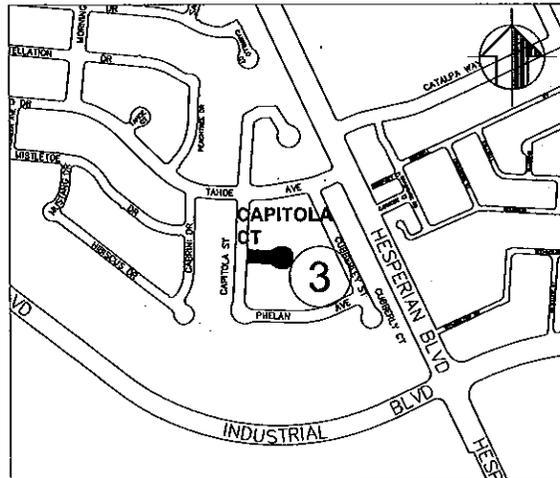
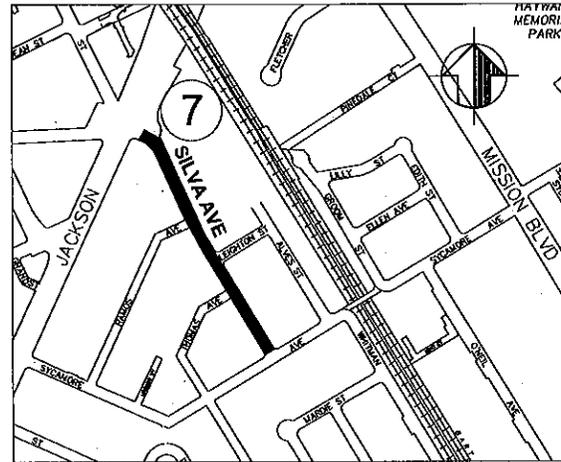
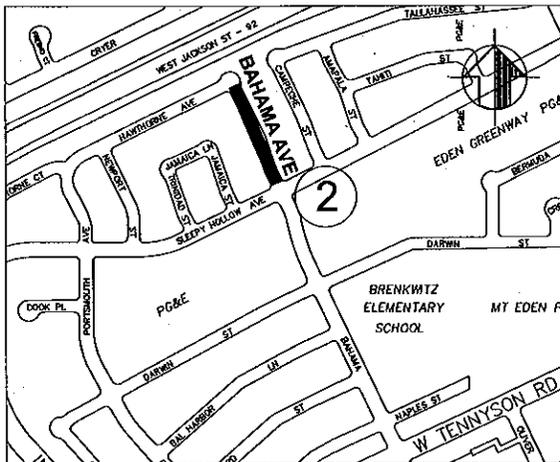
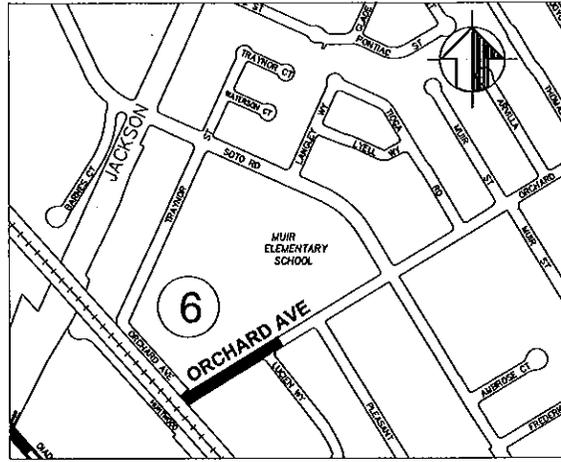
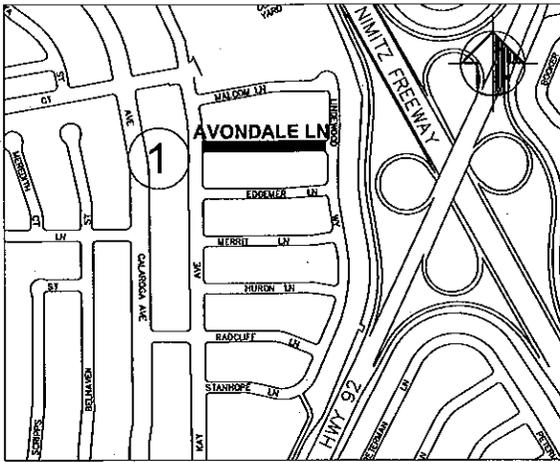
ABSTAIN:

ABSENT:

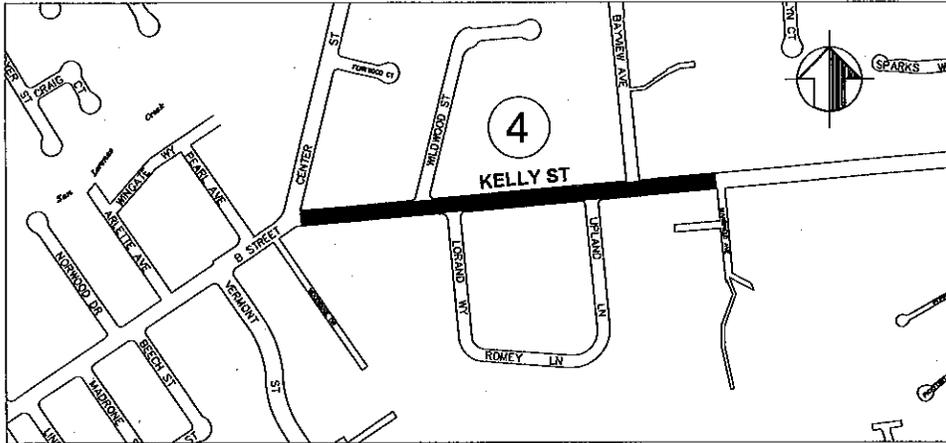
ATTEST: \_\_\_\_\_  
City Clerk of the City of Hayward

APPROVED AS TO FORM:

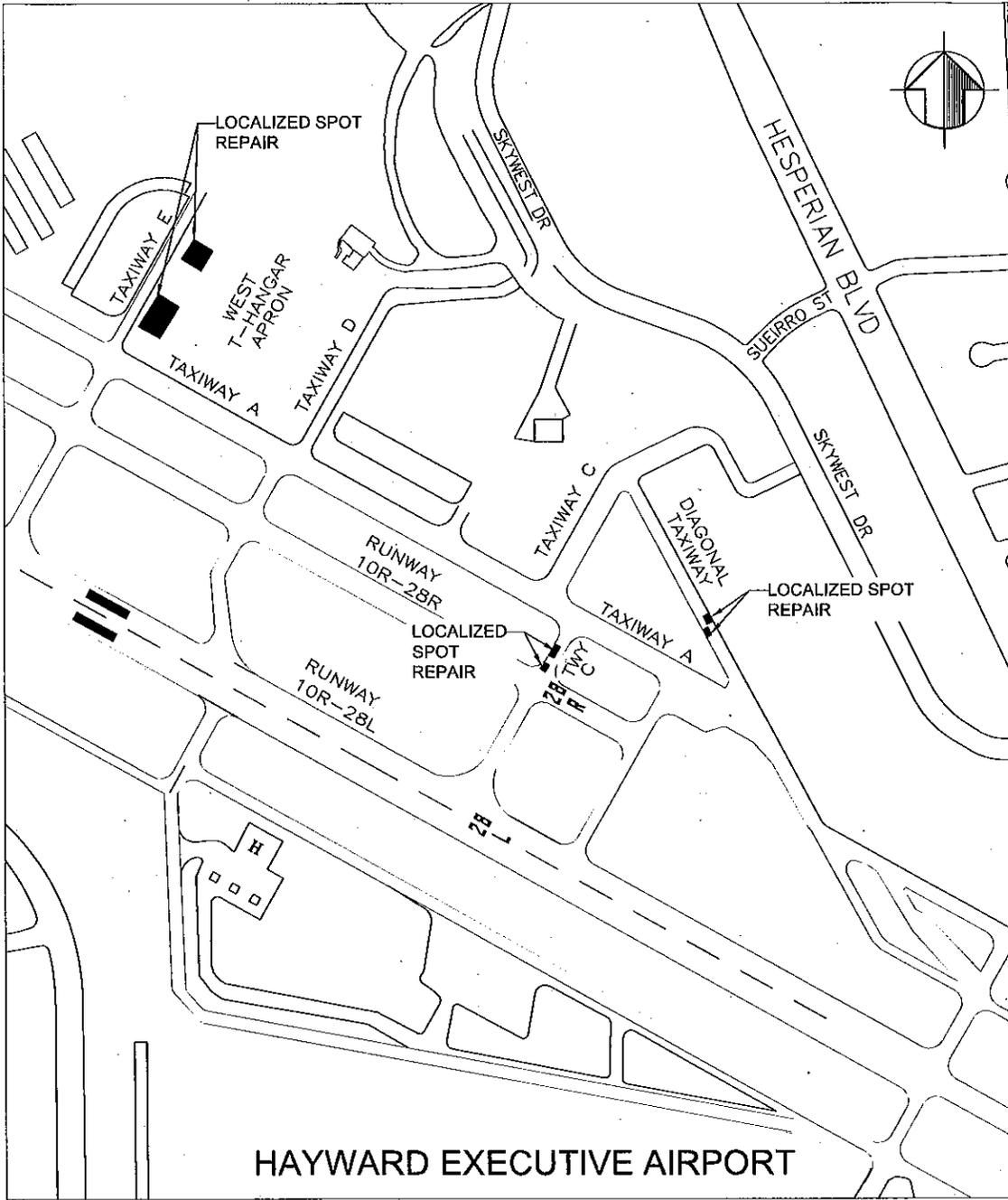
\_\_\_\_\_  
City Attorney of the City of Hayward



211-5112  
**MEASURE B PAVEMENT REHABILITATION FY11  
 PROJECT LOCATION MAPS**



211-5112  
**MEASURE B PAVEMENT REHABILITATION FY11  
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**211-5112**  
**MEASURE B PAVEMENT REHABILITATION FY11**  
**PROJECT LOCATION MAPS**

NO.	STREET NAME	LIMITS	
		FROM	TO
1	Avondale Lane	Kay	Lindenwood
2	Bahama Ave	Sleepy Hollow Ave	Hawthorne
3	Capitola Court	Capitola Street	Cul-de-sac
4	Kelly Street	B Street	Mansfield Avenue
5	Klamath Court	Klamath Road	Cul-de-sac
6	Orchard Avenue	220 ft S/O Traynor Street	85 ft E/O Lucien Way
7	Silva Avenue	Jackson Street	Sycamore Avenue
8	Skokie Lane	Calaroga Avenue	Peterman Avenue
9	Stonewall Avenue	Nevada Road	Chenault Way
10	Stonewall Avenue	Chenault Way	100 ft N/O Leonardo
11	Thelma Street	Longwood Ave	Memorial Avenue

211-5112  
**MEASURE B PAVEMENT REHABILITATION  
LIST OF STREETS FOR OVERLAY**

Attachment III - List of Streets for Overlay

Attachment III