

CITY OF HAYWARD
AGENDA REPORT

AGENDA DATE 02/20/07
AGENDA ITEM 3
WORK SESSION ITEM _____

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Gas Tax and Measure B Pavement Rehabilitation 2006-07: Approval of Plans and Specifications and Call for Bids

RECOMMENDATION:

It is recommended that the City Council adopt the attached resolution that approves the plans and specifications for the Gas Tax and Measure B Pavement Rehabilitation 2006-07 project and calls for bids to be received on March 20, 2007.

BACKGROUND:

The Gas Tax and Measure B funded projects are a continuation of the City's ongoing program to provide preventive maintenance of street pavement and repair failed pavement sections with localized pavement section repairs and the application of slurry seal or asphalt concrete overlay. The preventive maintenance work involves the application of slurry seal on streets every six-to-seven years to extend the life of the pavement before it deteriorates to the point where more costly rehabilitation work is needed. Streets that exhibit greater pavement stresses are rehabilitated with localized pavement section repairs.

The slurry seal treatment involves the application of a slurry sand emulsion that seals the street surface against water intrusion. Slurry seal is typically used on streets in reasonably good condition and where such treatment will prolong the life of the street. The asphalt concrete overlay treatment involves the application of two-inch thick asphalt concrete. This treatment is more expensive than the slurry seal and is used on streets showing more extensive pavement distresses for which the simple application of slurry will not be adequate to protect the road base. Pavement rehabilitation involves removing the full depth of a failed, localized pavement section, compacting the base, and patching it with asphalt concrete.

The selection of streets for rehabilitation is based on staff's analysis of the pavement condition indices identified through the City's computerized PMP, along with specific field examination and the functional classification of each street. Pavement rehabilitation for these projects consists of making deep-lift asphalt concrete spot repairs and placing either an asphalt concrete overlay or slurry seal on the various streets. Also included are deep-lift asphalt concrete spot repairs on various streets throughout the City that have been identified for localized repair by Streets maintenance staff.

Because of the temporary inconvenience caused by the slurry seal work, after the construction contract is awarded, a preliminary notice explaining the slurry seal project will be posted and distributed to all residents along the affected streets. Later, after the construction work has been scheduled, a detailed notice indicating the date and time of work for each street will be

distributed to all affected residents. The notice will explain the necessity for clearing the street prior to the slurry seal application and that the slurry must be allowed to dry for approximately four hours before the street can be reopened to traffic. It will also explain that residents who cannot leave their vehicles in the driveway for the day will need to park their vehicles outside of the work area while their street is being slurried. Exhibits A and B show the list of streets selected for treatment this year.

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.

PROJECT COSTS:

The estimated project costs are as follows:

Pavement Repair/ Rehabilitation – Contract Construction	\$ 2,540,000
Re-Striping (City Forces)	80,000
Design and Administration	90,000
Inspection and Testing	90,000
Total	<u>\$ 2,800,000</u>

FUNDING:

The 2006-07 Capital Improvement Program includes a total of \$1,400,000 in the Gas Tax Fund for the Pavement Rehabilitation 2006-07 project and \$1,400,000 in the Measure B Tax Fund (Local Transportation) for the Pavement Rehabilitation 2006-07 project.

SCHEDULE:

Open Bids	March 20, 2007
Award Contract	April 10, 2007
Begin Work	May 7, 2007
Complete Work	August 17, 2007

Prepared by:



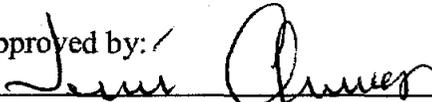
Morad Fakhrai, Deputy Director of Public Works

Recommended by:



Robert A. Bauman, Director of Public Works

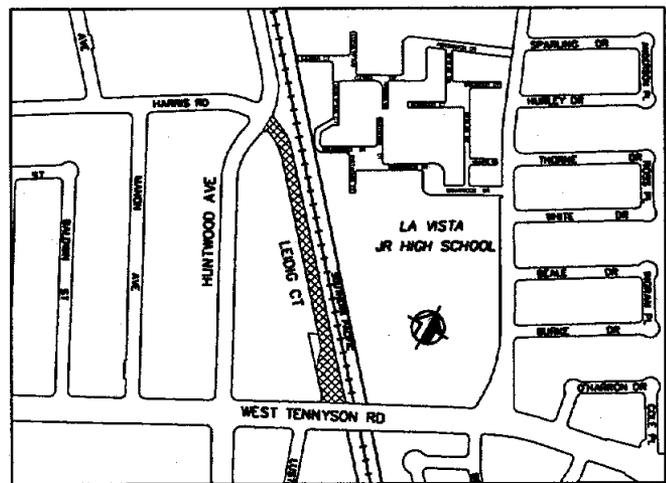
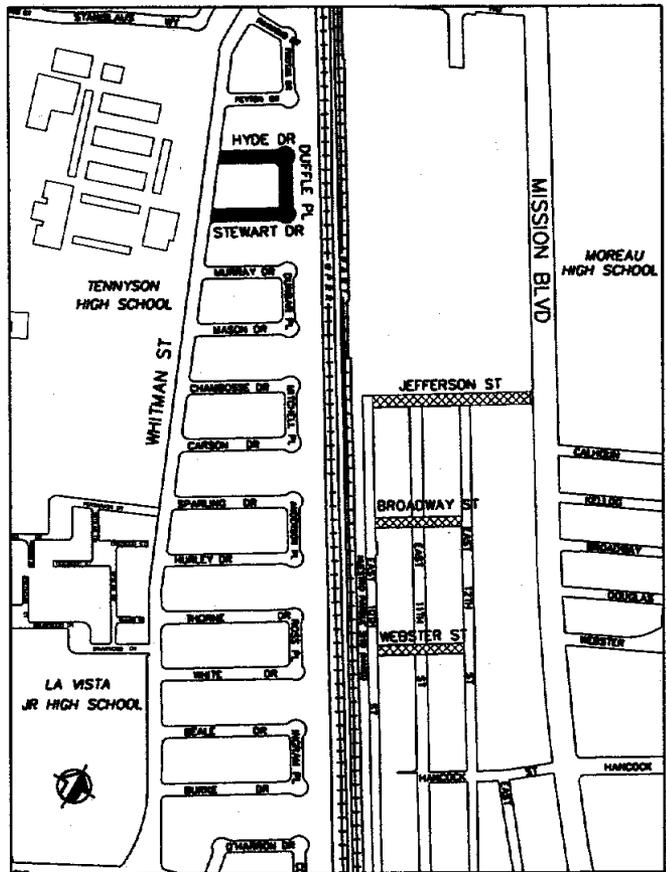
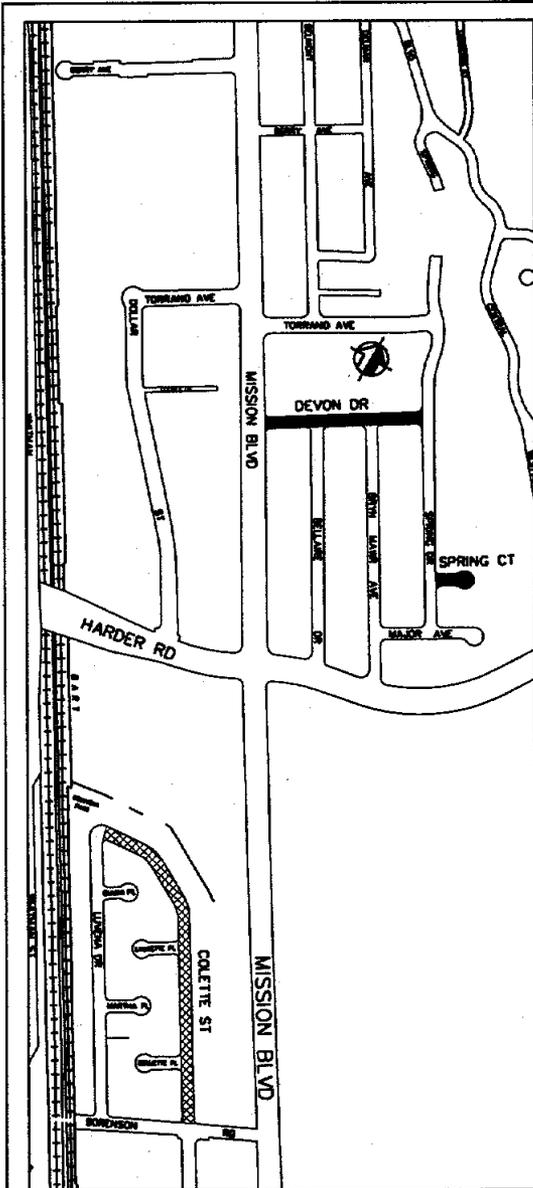
Approved by: /



Jesús Armas, City Manager

Exhibit A: Project Location Maps

Exhibit B: Lists of Streets for Slurry Seal and Overlay

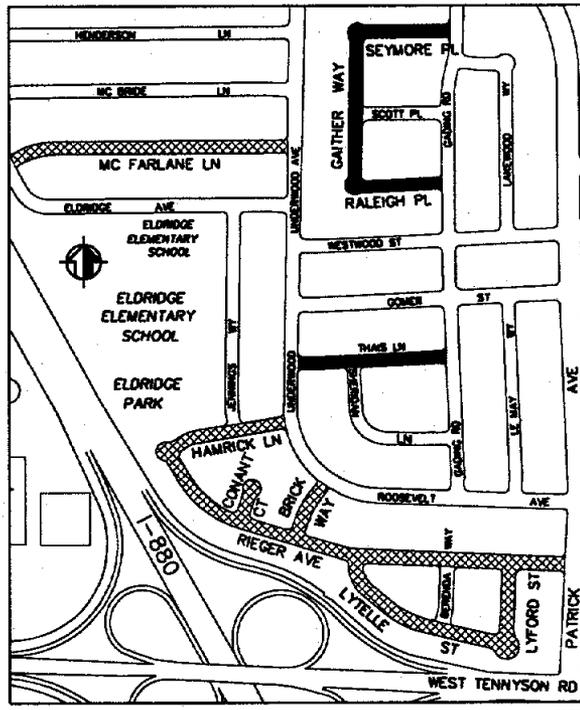
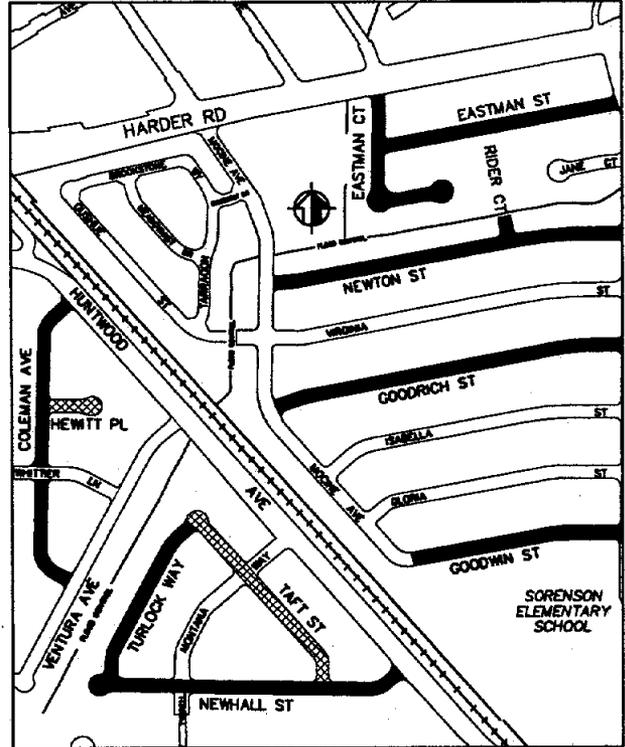
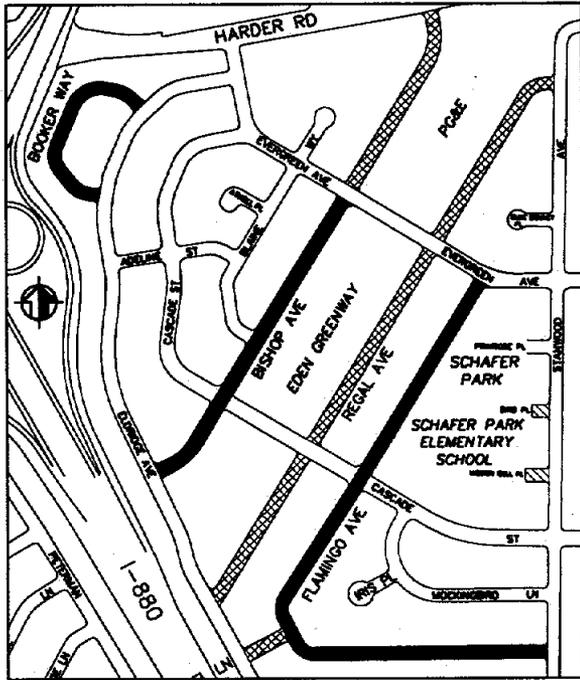


LEGEND

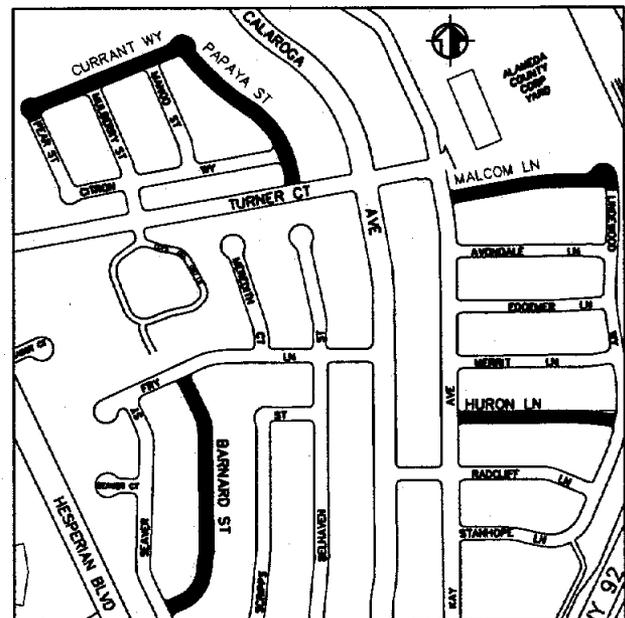
-  SPOT REPAIR AND OVERLAY
-  SPOT REPAIR AND SLURRY SEAL

PAVEMENT REHABILITATION
GAS TAX
PROJECT NO. 5130
LOCATION MAP

GAS TAX



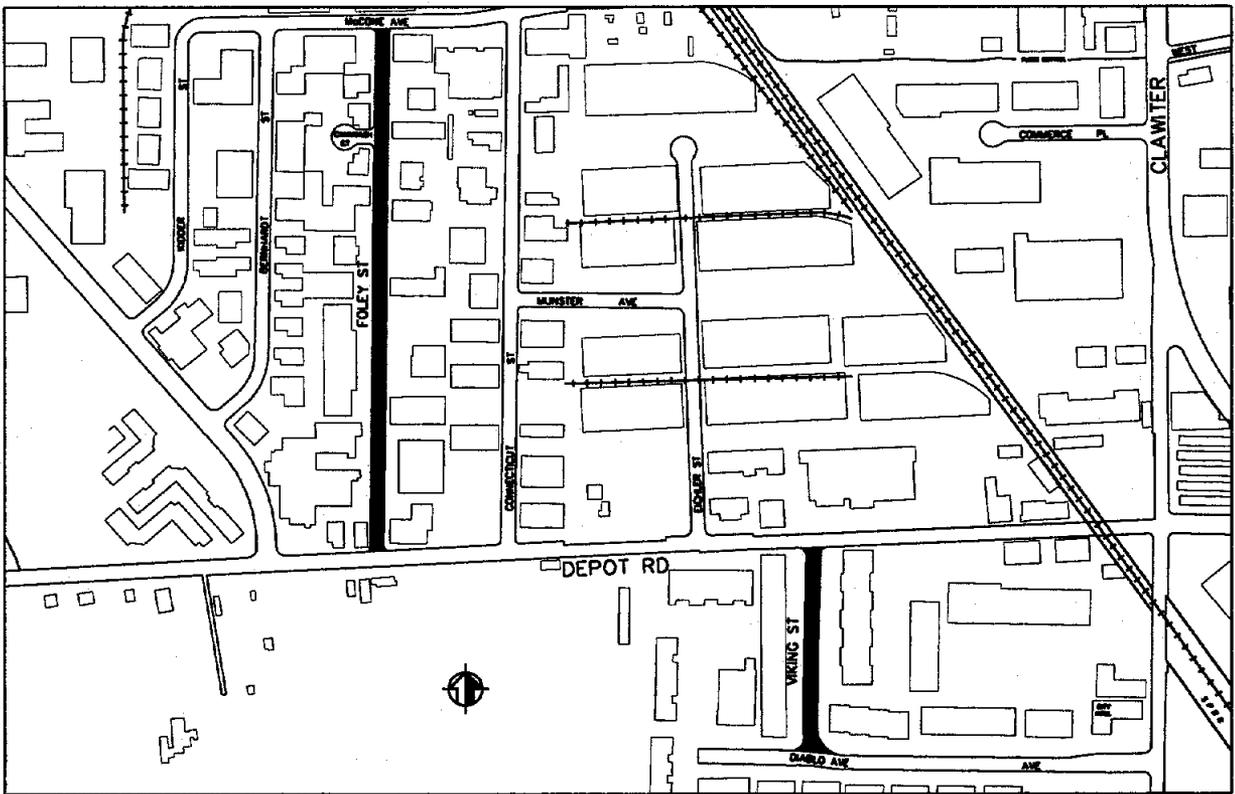
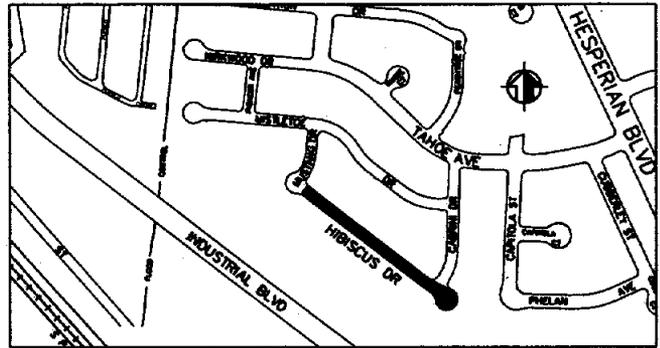
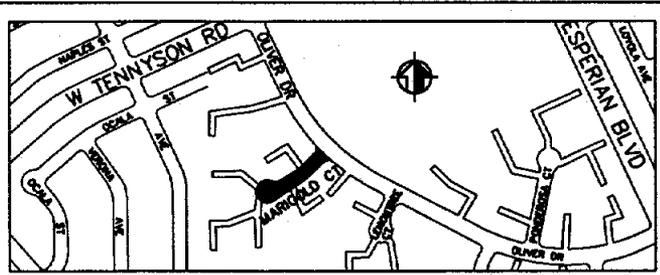
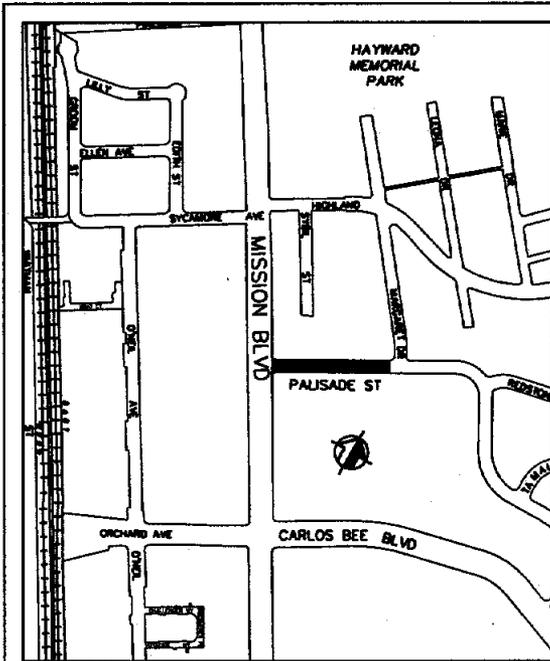
MEASURE B



LEGEND

-  SPOT REPAIR AND OVERLAY
-  SPOT REPAIR AND SLURRY SEAL

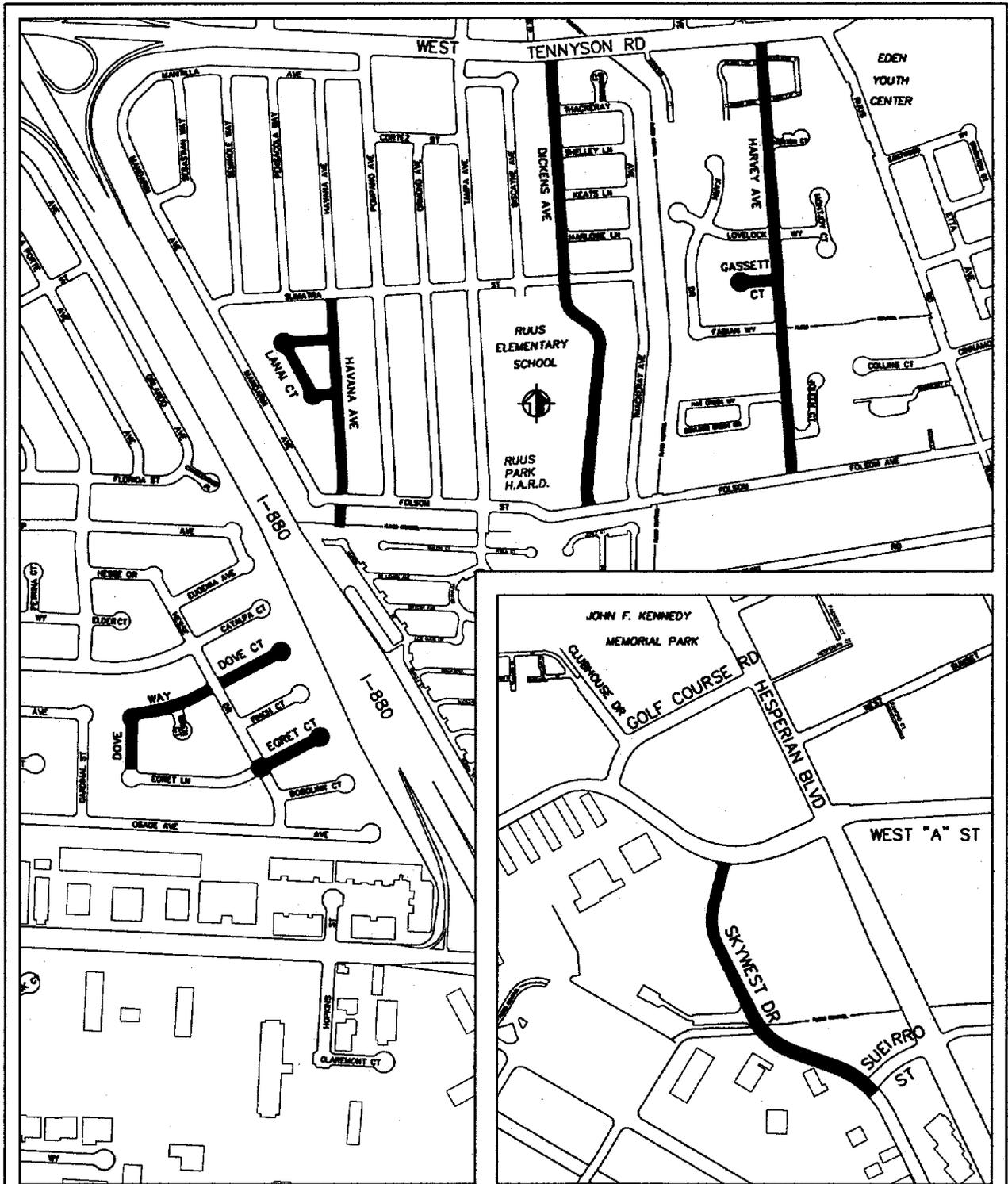
PAVEMENT REHABILITATION
GAS TAX & MEASURE B
PROJECT NO. 5130 & 5162
LOCATION MAP



LEGEND

-  SPOT REPAIR AND OVERLAY
-  SPOT REPAIR AND SLURRY SEAL

**PAVEMENT REHABILITATION
MEASURE B
PROJECT NO. 5162
LOCATION MAP**



LEGEND

-  SPOT REPAIR AND OVERLAY
-  SPOT REPAIR AND SLURRY SEAL

PAVEMENT REHABILITATION
 MEASURE B
 PROJECT NO. 5162
 LOCATION MAP

Gas Tax - Project No. 5130

5130 - OVERLAY STREETS			
No.	LOCATION	LIMIT FROM	LIMIT TO
1	DEVON DR	MISSION BLVD	SPRING DR
2	SPRING CT	SPRING DR	CUL DE SAC
3	DUFFEL PL	STEWART DR	HYDE DR
4	EASTMAN CT	CUL DE SAC	HARDER RD
5	EASTMAN ST	EASTMAN CT	JANE AVE
6	GOODRICH ST	MOCINE AVE	JANE AVE
7	GOODWIN ST	MOCINE AVE	JANE AVE
8	HYDE DR	WHITMAN ST	DUFFEL PL
9	NEWTON ST	MOCINE AVE	JANE AVE
10	RIDER CT	NEWTON ST	END
11	STEWART DR	WHITMAN ST	DUFFEL PL
12	COLEMAN AVE	VENTURA AVE	HUNTWOOD AVE
13	NEWHALL ST	TURLOCK WAY	HUNTWOOD AVE
14	TURLOCK WAY	NEWHALL ST	TAFT ST
15	VENTURA AVE	END	HUNTWOOD AVE
16	BIRD PL	CUL DE SAC	STANWOOD RD
17	BISHOP AVE	ELDRIDGE AVE	EVERGREEN ST
18	BOOKER WAY	ELDRIDGE AVE	ELDRIDGE AVE
19	FLAMINGO AVE	STANWOOD RD	EVERGREEN DR
20	GAITHER WAY	RALEIGH PL	SEYMORE PL
21	MISSION BELL CT	STANWOOD AVE	END
22	RALEIGH PL	GADING RD	GAITHER WY
23	SEYMORE PL	GAITHER WAY	GADING RD
24	THAIS LN	UNDERWOOD RD	GADING RD

5130 - SLURRY SEAL STREETS			
1	BROADWAY ST	E 10TH ST	E 12TH ST
2	COLETTE ST	SORENSEN RD	LUVENA DR
3	JEFFERSON ST	MISSION BLVD	E 10TH ST
4	WEBSTER ST	E 10TH ST	E 12TH ST
5	HEWITT PL	COLEMAN AVE	CUL DE SAC
6	LEIDIG CT	TENNYSON RD	HUNTOOD AVE
7	TAFT ST	TURLOCK WAY	NEWHALL ST
8	BISHOP AVE	EVERGREEN ST	HARDER RD
9	BRICK WAY	RIEGER AVE	ROOSEVELT AVE
10	CONANT CT	RIEGER AVE	CUL DE SAC
11	ETHEL LN	ELDRIDGE AVE	FLAMINGO AVE
12	HAMRICK LN	RIEGER AVE	UNDERWOOD AVE
13	LYFORD ST	LYTELLE ST	RIEGER AVE
14	LYTELLE ST	RIEGER AVE	LYFORD ST
15	MCFARLANE LN	ELDRIDGE AVE	UNDERWOOD AVE
16	REGAL AVE	ELDRIDGE AVE	STANWOOD RD
17	RIEGER AVE	HAMRICK LN	PATRICK AV

Measure B - Project No. 5162

OVERLAY STREETS			
No.	LOCATION	LIMIT FROM	LIMIT TO
1	PALISADE ST	MISSION BLVD	MARGARET ST
2	DICKENS AV	FOLSOM ST	TENNYSON RD
3	GASSETT CT	HARVEY AVE	CUL DE SAC
4	HARVEY AVE	WEST TENNYSON RD	FOLSOM ST
5	HAVANA AVE	END	SUMATRA AVE
6	LANAI CT	HAVANA AVE	HAVANA AVE
7	DOVE WY	EGRET LN	HESSE DR
8	DOVE CT	HESSE DR	CUL DE SAC
9	EGRET CT	HESSE DR	CUL DE SAC
10	BARNARD ST	SEAVEN ST	FRY LN
11	CURRENT WAY	PEAR ST	PAPAYA ST
12	HURON LANE	KAY AVE	LINDENWOOD WAY
13	MALCOLM LANE	KAY AVE	LINDENWOOD WAY
14	PAPAYA ST	TURNER CT	CURRENT WAY
15	HIBISCUS DR	MUSTANG DR	CABRINI DR
16	MARIGOLD CT	CUL DE SAC	OLIVER DR
17	VIKING ST	DIABLO AVE	DEPOT RD
18	FOLEY ST	DEPOT RD	McCONE AVE
19	SKYWEST DR	200' S. OF W. "A" ST	SUEIRO ST

DRAFT NH
2/1/07

HAYWARD CITY COUNCIL

RESOLUTION NO. 07-

Introduced by Council Member _____

RESOLUTION APPROVING PLANS AND SPECIFICATIONS FOR THE GAS TAX AND MEASURE B PAVEMENT REHABILITATION 2006-07 PROJECT, PROJECT NOS. 5130 AND 5162

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

1. That those certain plans and specifications for the Gas Tax and Measure B Pavement Rehabilitation 2006-07 Project, Project Nos. 5130 and 5162, on file in the office of the City Clerk, are hereby adopted as the plans and specifications for the projects;
2. That sealed bids therefor will be received by the City Clerk's office at City Hall, 777 B Street, 4th Floor, Hayward, California 94541, up to the hour of 2:00 p.m. on Tuesday, March 20, 2007, and immediately thereafter publicly opened and declared by the City Clerk in Public Works Conference Room 4D, City Hall, Hayward, California;
3. That the City Council will consider a report on the bids at a regular meeting following the aforesaid opening and declaration of same;
4. 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; and
5. That the project is categorically exempt under the operation, repair, maintenance, or minor alteration of existing facilities section of the California Environmental Quality Act.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2007

ADOPTED BY THE FOLLOWING VOTE:

**AYES: COUNCIL MEMBERS:
MAYOR:**

NOES: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward