



CITY OF HAYWARD
AGENDA REPORT

AGENDA DATE 02/20/01

AGENDA ITEM 4

WORK SESSION ITEM _____

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Arterial Pavement Rehabilitation - Phase I: Approval of Addendum, Award of Contract, and Appropriation of Funds

RECOMMENDATION:

It is recommended that the City Council approve the attached resolutions that:

1. Approve Addendum No. 1, which provides for minor revisions to the plans and specifications;
2. Award the contract to Bay Cities Paving and Grading, Inc., of Concord, California, in the amount of \$1,787,946.25; and
3. Appropriate an additional \$82,000 to complete this project.

BACKGROUND:

The project consists of deep-lift asphalt concrete spot repairs, grinding of existing pavement, and pavement overlays on Industrial Parkway from Ruus Road to Mission Boulevard and on Tennyson Road from Hesperian Boulevard to Mission Boulevard, as shown on Exhibit A.

On June 27, 2000, the City Council approved plans and specifications for this project and called for bids to be received on August 1, 2000. On September 5, 2000, the City Council rejected all bids and called for re-advertisement. The bids were rejected because the first low bidder (at \$1,635,000) withdrew their bid due to a \$150,000 arithmetical error, and the second low bid exceeded the available funding by nearly \$300,000.

On January 30, 2001, four bids were received. The bids ranged from \$1,787,946 to \$2,252,344. Bay Cities Paving and Grading, Inc., submitted the low bid in the amount of \$1,787,946, which is 5.9 percent below the revised Engineer's Estimate of \$1,900,000. Redgwick Construction Co. submitted the second low bid in the amount of \$2,066,158, which is \$278,212 above the low bid and 8.7 percent above the Engineer's Estimate.

The low bid is approximately \$200,000 lower than the second low bid from last August, when bids were first received for this project. Furthermore, at the time the project was re-advertised, additional federal funds had become available through the Federal Revenue Aligned Budget Authority. Therefore, even though the Engineer's Estimate was increased to reflect anticipated, higher asphalt concrete prices, the City realized substantial savings by rejecting the original bids and re-advertising the project.

The single Disadvantaged Business Enterprise (DBE) goal of 10 percent established for this federally funded project includes both Minority Business Enterprise (MBE) and Women Business Enterprise (WBE) participation. The bid from Bay Cities Paving and Grading, Inc., includes 0.6 percent participation towards the goal. Review of the good faith effort found that Bay Cities selected specific items of the project that could be performed by DBEs and solicited bids for this work from known DBE subcontractors. Bay Cities advertised for bids in several publications, sent letters of solicitation to many known DBE subcontractors, and sent follow-up letters to each of the subcontractors to facilitate DBE participation. Two DBE bids were received and rejected because they were significantly higher than the bids received from non-DBE subcontractors. Although Bay Cities did not obtain the established goal, a good faith effort was made, in accordance with the project requirements. Therefore, staff recommends that the City Council award the contract to the low bidder, Bay Cities Paving and Grading, Inc.

PROJECT COST:

The estimated costs of the total project are as follows:

Construction Cost	\$ 1,788,000
Design and Administration	64,000
Construction Inspection and Survey	<u>70,000</u>
Total Project Cost	\$ 1,922,000

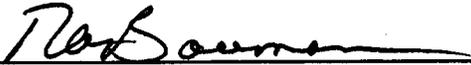
FUNDING:

A total of \$1,840,000 is approved in the Street System Improvement Fund in the 2000/01 Capital Improvement Program budget for this project. An appropriation of \$82,000 is needed to complete the project. The City will be reimbursed a total of \$1,702,000 (88.53 percent) from the Federal Transportation Equity Act for the Twenty-First Century (TEA-21) and the Federal Revenue Aligned Budget Authority (RABA) funds.

SCHEDULE:

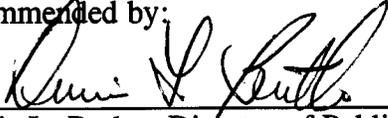
Award Contract	February 20, 2001
Begin Construction	March 19, 2001
Complete Construction	June 12, 2001

Prepared by:



Robert A. Bauman, Deputy Director of Public Works

Recommended by:



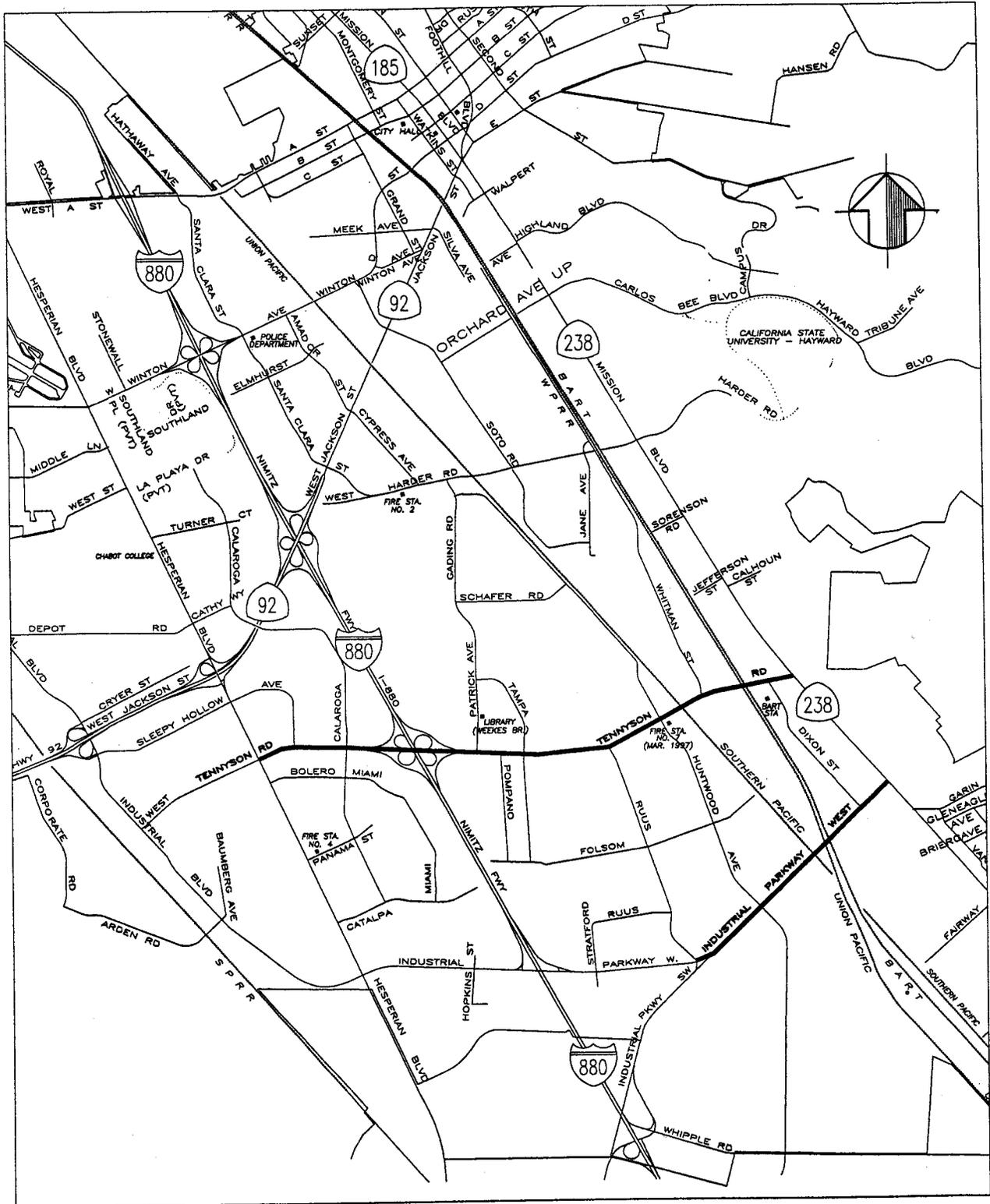
Dennis L. Butler, Director of Public Works

Approved by:



Jesús Armas, City Manager

Attachments: Exhibit A: Location Map
Exhibit B: Summary of Bids



LOCATION MAP

ARTERIAL PAVEMENT REHABILITATION - PHASE 1
PROJECT NO. 5198

Exhibit A

CITY OF HAYWARD
 ARTERIAL PAVEMENT REHABILITATION - TENNYSON RD. & INDUSTRIAL PKWY
 PROJECT NO. 5198; FEDERAL PROJ. NO. STPL-5050(021)
 BIDS OPENED: JANUARY 30, 2001

(NUMBER OF BIDS RECEIVED - 4)

Exhibit B

BID SUMMARY				ENGINEER'S ESTIMATE		BAY CITIES PAVING & GRADING 5029 FORNI DRIVE CONCORD CA 94520 (925) 687-6666		REDGWICK CONST. COMPANY 25599 HUNTWOOD AVENUE HAYWARD CA 94544 (510) 782-0400	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	TRAFFIC CONTROL	100,000.00	100,000.00	86,600.00	86,600.00	58,000.00	58,000.00
2	27,000	SF	REMOVE ASPHALT CONCRETE (APPROX. 1" THICK IN GUTTER)	0.75	20,250.00	0.40	10,800.00	1.00	27,000.00
3	115	EA	ADJUST EX. WATER VALVE BOX TO GRADE	200.00	23,000.00	80.00	9,200.00	480.00	55,200.00
4	15	EA	REPLACE EX. WATER VALVE BOX AND ADJUST TO GRADE	400.00	6,000.00	218.00	3,270.00	500.00	7,500.00
5	102	EA	ADJUST EX. SD/SEWER MH FRAME AND COVER TO GRADE	250.00	25,500.00	255.00	26,010.00	675.00	68,850.00
6	1	EA	REPLACE EX. SD/SEWER MH FRAME & COVER AND ADJUST TO GRADE	600.00	600.00	550.00	550.00	800.00	800.00
7	7	EA	ADJUST EX. SURVEY MONUMENT BOX TO GRADE	200.00	1,400.00	57.00	399.00	480.00	3,360.00
8	26	EA	REPLACE EX. SURVEY MONUMENT BOX AND ADJUST TO GRADE	400.00	10,400.00	360.00	9,360.00	500.00	13,000.00
9	4	EA	ADJUST EX. SEWER RISER BOX TO GRADE	200.00	800.00	85.00	340.00	480.00	1,920.00
10	13,330	SF	8" DEEP LIFT ASPHALT CONCRETE SPOT REPAIRS	5.00	66,650.00	5.50	73,315.00	6.00	79,980.00
11	23,900	TN	ASPHALT CONCRETE, TYPE A	44.00	1,051,600.00	45.00	1,075,500.00	48.00	1,147,200.00
12	1	LS	ASPHALT CONCRETE MIX DESIGN	3,500.00	3,500.00	3,150.00	3,150.00	100.00	100.00
13	2,740	SY	GRIND ASPHALT CONCRETE (WEDGE CUT)	5.00	13,700.00	2.35	6,439.00	2.25	6,165.00
14	143,700	SY	GRIND ASPHALT CONCRETE (ROADWAY WIDTH)	2.00	287,400.00	1.00	143,700.00	2.00	287,400.00

CITY OF HAYWARD
 ARTERIAL PAVEMENT REHABILITATION - TENNYSON RD. & INDUSTRIAL PKWY
 PROJECT NO. 5198; FEDERAL PROJ. NO. STPL-5050(021)
 BIDS OPENED: JANUARY 30, 2001

(NUMBER OF BIDS RECEIVED - 4)

BID SUMMARY				ENGINEER'S ESTIMATE		BAY CITIES PAVING & GRADING 5029 FORNI DRIVE CONCORD CA 94520 (925) 687-6666		REDGWICK CONST. COMPANY 25599 HUNTWOOD AVENUE HAYWARD CA 94544 (510) 782-0400	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
15	225	EA	INSTALL DETECTOR LOOPS (TYPE A)	300.00	67,500.00	459.00	103,275.00	370.00	83,250.00
16	63	EA	INSTALL DETECTOR LOOPS (TYPE D)	300.00	18,900.00	480.00	30,240.00	400.00	25,200.00
17	376	LF	4" THERMOPLASTIC STRIPE (YELLOW)	1.00	376.00	0.45	169.20	0.25	94.00
18	15,310	LF	6" THERMOPLASTIC STRIPE (WHITE)	0.70	10,717.00	0.60	9,186.00	0.40	6,124.00
19	9,200	LF	8" THERMOPLASTIC STRIPE (WHITE)	1.00	9,200.00	0.85	7,820.00	0.50	4,600.00
20	6,670	SF	12" PAINTED STRIPE (WHITE)	1.00	6,670.00	1.05	7,003.50	1.65	11,005.50
21	5,473	SF	THERMOPLASTIC PAVEMENT MARKINGS (WHITE)	3.00	16,419.00	2.80	15,324.40	2.70	14,777.10
22	1,418	SF	PAINTED PAVEMENT MARKINGS (YELLOW)	2.50	3,545.00	2.15	3,048.70	1.60	2,268.80
23	4,421	EA	PAVEMENT MARKERS (TYPE A, WHITE NON-REFLECTIVE)	2.50	11,052.50	1.75	7,736.75	1.35	5,968.35
24	716	EA	PAVEMENT MARKERS (TYPE H, YELLOW REFLECTIVE)	3.50	2,506.00	2.80	2,004.80	3.25	2,327.00
25	1,252	EA	PAVEMENT MARKERS (TYPE G, CLEAR REFLECTIVE)	3.50	4,382.00	2.80	3,505.60	3.25	4,069.00
26	1	LS	ADMINISTRATIVE CHANGE ORDERS	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00
TOTAL					1,912,067.50		1,787,946.95 *		2,066,158.75

* TOTAL DIFFERENT THAN SUBMITTED BID

CITY OF HAYWARD
 ARTERIAL PAVEMENT REHABILITATION - TENNYSON RD. & INDUSTRIAL PKW
 PROJECT NO. 5198; FEDERAL PROJ. NO. STPL-5050(021)
 BIDS OPENED: JANUARY 30, 2001

(NUMBER OF BIDS RECEIVED - 4)

BID SUMMARY				ENGINEER'S ESTIMATE		DeSILVA GATES CONST. 11555 DUBLIN BOULEVARD DUBLIN CA 94568 (925) 829-9220		O'GRADY PAVING, INC. 2513 WYANDOTTE STREET MT. VIEW CA 94043 (650) 966-1926	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	TRAFFIC CONTROL	100,000.00	100,000.00	185,841.00	185,841.00	65,000.00	65,000.00
2	27,000	SF	REMOVE ASPHALT CONCRETE (APPROX. 1" THICK IN GUTTER)	0.75	20,250.00	0.60	16,200.00	2.00	54,000.00
3	115	EA	ADJUST EX. WATER VALVE BOX TO GRADE	200.00	23,000.00	175.00	20,125.00	180.00	20,700.00
4	15	EA	REPLACE EX. WATER VALVE BOX AND ADJUST TO GRADE	400.00	6,000.00	250.00	3,750.00	200.00	3,000.00
5	102	EA	ADJUST EX. SD/SEWER MH FRAME AND COVER TO GRADE	250.00	25,500.00	200.00	20,400.00	300.00	30,600.00
6	1	EA	REPLACE EX. SD/SEWER MH FRAME & COVER AND ADJUST TO GRADE	600.00	600.00	400.00	400.00	500.00	500.00
7	7	EA	ADJUST EX. SURVEY MONUMENT BOX TO GRADE	200.00	1,400.00	150.00	1,050.00	180.00	1,260.00
8	26	EA	REPLACE EX. SURVEY MONUMENT BOX AND ADJUST TO GRADE	400.00	10,400.00	250.00	6,500.00	200.00	5,200.00
9	4	EA	ADJUST EX. SEWER RISER BOX TO GRADE	200.00	800.00	200.00	800.00	200.00	800.00
10	13,330	SF	8" DEEP LIFT ASPHALT CONCRETE SPOT REPAIRS	5.00	66,650.00	5.00	66,650.00	5.60	74,648.00
11	23,900	TN	ASPHALT CONCRETE, TYPE A	44.00	1,051,600.00	53.00	1,266,700.00	54.00	1,290,600.00
12	1	LS	ASPHALT CONCRETE MIX DESIGN	3,500.00	3,500.00	5,000.00	5,000.00	3,000.00	3,000.00
13	2,740	SY	GRIND ASPHALT CONCRETE (WEDGE CUT)	5.00	13,700.00	5.00	13,700.00	4.00	10,960.00
14	143,700	SY	GRIND ASPHALT CONCRETE (ROADWAY WIDTH)	2.00	287,400.00	1.50	215,550.00	2.60	373,620.00

CITY OF HAYWARD
 ARTERIAL PAVEMENT REHABILITATION - TENNYSON RD. & INDUSTRIAL PKW
 PROJECT NO. 5198; FEDERAL PROJ. NO. STPL-5050(021)
 BIDS OPENED: JANUARY 30, 2001

(NUMBER OF BIDS RECEIVED - 4)

BID SUMMARY				ENGINEER'S ESTIMATE		DeSILVA GATES CONST. 11555 DUBLIN BOULEVARD DUBLIN CA 94568 (925) 829-9220		O'GRADY PAVING, INC. 2513 WYANDOTTE STREET MT. VIEW CA 94043 (650) 966-1926	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
15	225	EA	INSTALL DETECTOR LOOPS (TYPE A)	300.00	67,500.00	275.00	61,875.00	390.00	87,750.00
16	63	EA	INSTALL DETECTOR LOOPS (TYPE D)	300.00	18,900.00	275.00	17,325.00	410.00	25,830.00
17	376	LF	4" THERMOPLASTIC STRIPE (YELLOW)	1.00	376.00	0.50	188.00	0.27	101.52
18	15,310	LF	6" THERMOPLASTIC STRIPE (WHITE)	0.70	10,717.00	0.60	9,186.00	0.38	5,817.80
19	9,200	LF	8" THERMOPLASTIC STRIPE (WHITE)	1.00	9,200.00	1.00	9,200.00	0.50	4,600.00
20	6,670	SF	12" PAINTED STRIPE (WHITE)	1.00	6,670.00	1.00	6,670.00	1.65	11,005.50
21	5,473	SF	THERMOPLASTIC PAVEMENT MARKINGS (WHITE)	3.00	16,419.00	3.00	16,419.00	2.75	15,050.75
22	1,418	SF	PAINTED PAVEMENT MARKINGS (YELLOW)	2.50	3,545.00	2.00	2,836.00	1.65	2,339.70
23	4,421	EA	PAVEMENT MARKERS (TYPE A, WHITE NON-REFLECTIVE)	2.50	11,052.50	2.00	8,842.00	1.50	6,631.50
24	716	EA	PAVEMENT MARKERS (TYPE H, YELLOW REFLECTIVE)	3.50	2,506.00	3.00	2,148.00	3.30	2,362.80
25	1,252	EA	PAVEMENT MARKERS (TYPE G, CLEAR REFLECTIVE)	3.50	4,382.00	3.00	3,756.00	3.30	4,131.60
26	1	LS	ADMINISTRATIVE CHANGE ORDERS	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00
TOTAL					1,912,067.50		2,111,111.00		2,249,509.17 *

* TOTAL DIFFERENT THAN SUBMITTED BID

DRAFT

HAYWARD CITY COUNCIL

2/15/01
mnk

RESOLUTION NO. _____

Introduced by Council Member _____

**RESOLUTION APPROVING ADDENDUM NO. 1 AND
AWARDING CONTRACT TO BAY CITIES PAVING AND
GRADING, INC. FOR THE ARTERIAL PAVEMENT
REHABILITATION - PHASE I, PROJECT NO. 5198**

WHEREAS, on June 27, 2000, the City Council approved the plans and specifications for the Arterial Pavement Rehabilitation - Phase I, Project No. 5198, and called for bids to be received on August 1, 2000, and on September 5, 2000, the City Council rejected all bids and called for re-advertisement due to an arithmetical error by the first low bidder and the second low bidder exceeding available funding; and

WHEREAS, on January 30, 2001, four bids were received ranging from \$1,787,946.25 to \$2,252,344 and Bay Cities Paving and Grading, Inc. submitted the low bid in the amount of \$1,787,946.25, which is 5.9 percent lower than the revised Engineer's Estimate of \$1,900,000; and

WHEREAS, Addendum No. 1 provides for minor revisions to the plans and specifications.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward that Addendum No. 1 is hereby approved and adopted as part of the plans and specifications for the project.

BE IT FURTHER RESOLVED that Bay Cities Paving and Grading, Inc. is hereby awarded the contract for the Arterial Pavement Rehabilitation - Phase I, Project No. 5198, in accordance with the plans and specifications adopted therefor and on file in the office of the City Clerk of the City of Hayward at and for the price named and stated in the bid of the hereinabove specified bidder, and all other bids are hereby rejected.

BE IT FURTHER RESOLVED that the City Manager is hereby authorized and directed to execute an agreement for the award of the contract on behalf of the City of Hayward, in an amount not to exceed \$1,787,946.25, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2001

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

DRAFT



HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

RESOLUTION AMENDING RESOLUTION NO. 00-089,
THE BUDGET RESOLUTION FOR CAPITAL PROJECTS
FOR FISCAL YEAR 2000-2001, RELATING TO AN
APPROPRIATION OF FUNDS FOR THE ARTERIAL
PAVEMENT REHABILITATION - PHASE I, PROJECT
NO. 5198

WHEREAS, an appropriation of \$82,000 is needed from the Street System Improvement Fund in the 2000-2001 Capital Improvement Program budget for the Arterial Pavement Rehabilitation - Phase I, Project No. 5198, in order to complete the project.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward that Resolution No. 00-089, the Budget Resolution for Capital Projects for fiscal year 2000-2001, is hereby amended by appropriating an additional \$82,000 from the Street System Improvement Fund for the Arterial Pavement Rehabilitation - Phase I, Project No. 5198, in order to complete the project.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2001

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