

DATE: July 7, 2009
TO: Mayor and City Council
FROM: Director of Public Works
SUBJECT: West T-Hangar Ramp Pavement Reconstruction: Award of Contract

RECOMMENDATION

That Council adopts the attached resolution:

1. Approving Addenda Nos. 1 and 2, providing revisions to the plans and specifications;
2. Increasing the Administrative Change Order amount from \$100,000 to \$465,000; and
3. Awarding the contract to O'Grady Paving, Inc., in the amount of \$1,065,185.87.

BACKGROUND

On April 7, 2009, Council approved the plans and specifications for the West T-Hangar Ramp Pavement Reconstruction project and called for bids to be received on May 19, 2009. After Council's approval, the advertisement for bids and bid opening were postponed in order to re-evaluate the design, develop a phasing plan to minimize the impact to airport operations, and maintain access for the hangar leasehold tenants. Addenda Nos. 1 and 2 were issued to further clarify the requirements for closing Taxiway "A" and to make other minor revisions to the plans and specifications.

This project will provide for critical pavement repairs on the existing taxiways of the West T-Hangar Ramp at the Hayward Executive Airport (see Exhibit A for limits of work). Taxiway "A" is a major thoroughfare providing access to several Airport leasehold tenants, including Volo Aviation, Atlantic Aviation, and Bud Field Aviation. The continuous use of this taxiway by heavy aircraft has exacerbated the deterioration of the entire paved surface area. The size of aircraft currently using the taxiway is much heavier than the pavement sections were originally designed to handle.

DISCUSSION

On June 9, 2009, eleven bids were received. O'Grady Paving, Inc., of Mountain View submitted the low bid in the amount of \$700,185.87, which is 24.7 percent below the Engineer's Estimate of

\$929,646. Pavex Construction of San Jose submitted the second lowest bid in the amount of \$717,313.00, which is 22.8 percent below the Engineer's Estimate. The bids ranged from \$700,185.87 to \$912,400.

The low bid received provides an opportunity to repair additional pavement at locations that would not have been included due to limited funds. Localized spot repairs and an overlay will be performed on the north segment of Taxiway E, which also provides access to the hangars. Additionally, a fog seal and restriping will be applied to the main runway to seal the pavement and mitigate existing pavement oxidation that has resulted in significant rusting spots on the pavement surface. The oxidation process, if not mitigated, will cause aggregates in the pavement to separate, which will lead to further deterioration. In order to minimize the impact to the airport operations, the runway sealing and striping will be performed at night when the runway can be closed. To accomplish this additional work, staff recommends increasing the Administrative Change Order (ACO) line item amount by \$365,000, from \$100,000 to \$465,000. This recommended \$365,000 increase to the ACO line item would increase O'Grady Paving, Inc.'s low bid from \$700,185.87 to \$1,065,185.87.

All bid documents and licenses are in order. Staff recommends award of contract to the low bidder O'Grady Paving, Inc., in the amount of \$1,065,185.87.

FISCAL AND ECONOMIC IMPACT

The estimated project costs are as follows:

Contract Construction	\$ 1,065,186
Design and Administration	34,814
Construction Survey, Inspection, and Testing	100,000
Total	<u>\$1,200,000</u>

The FY 2010 Capital Improvement Program includes \$1,200,000 in the Airport Capital Improvement Fund for this project.

PUBLIC CONTACT

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

SCHEDULE

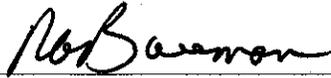
Award Contract	July 7, 2009
Begin Work	August 3, 2009
Complete Work	October 21, 2009

Prepared by:



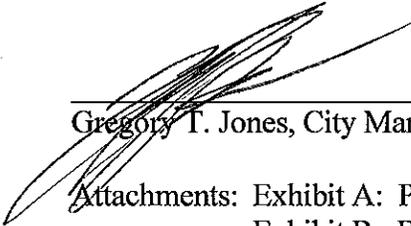
Morad Fakhrai, Deputy Director of Public Works

Recommended by:



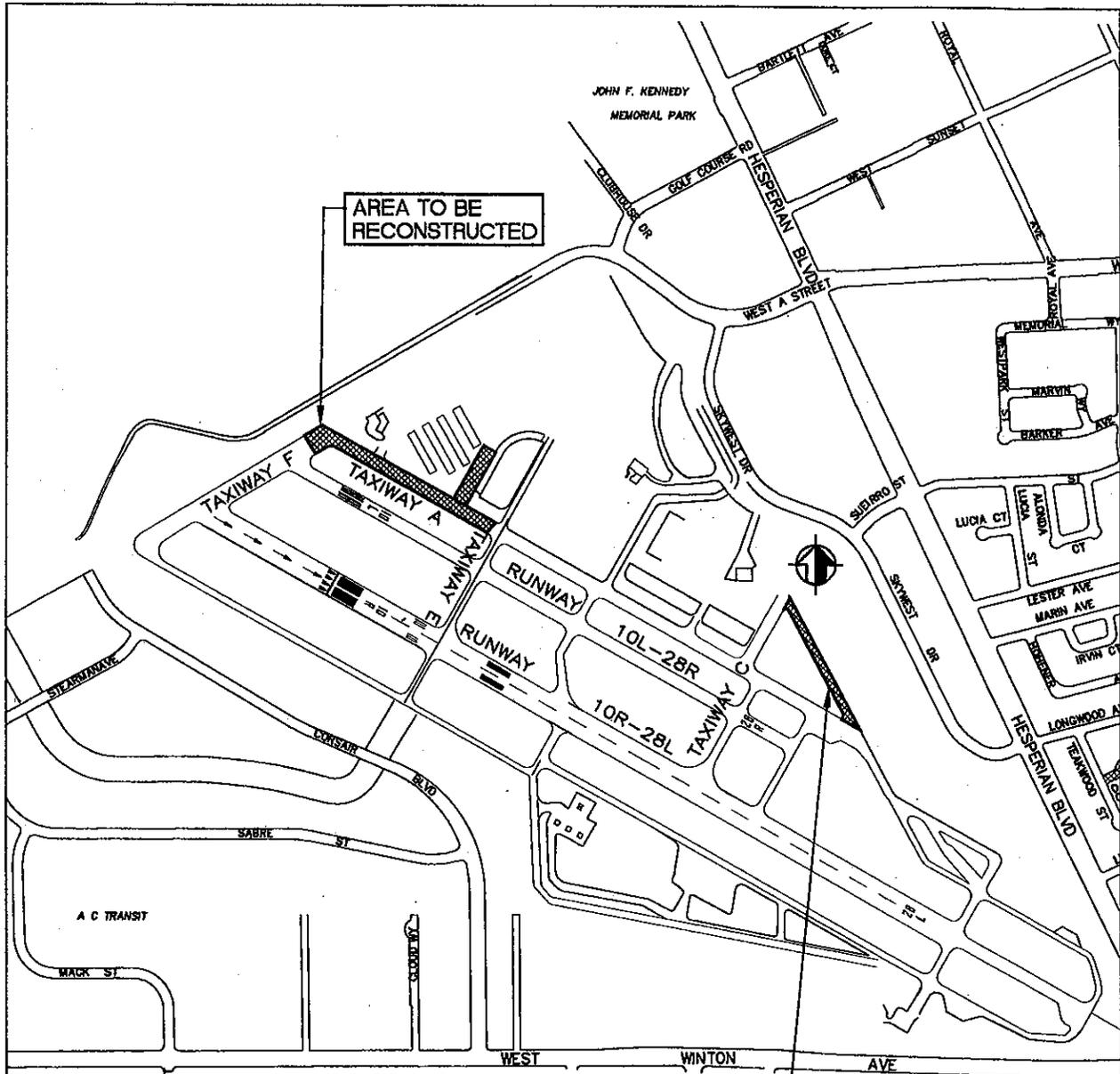
Robert A. Bauman, Director of Public Works

Approved by:



Gregory T. Jones, City Manager

Attachments: Exhibit A: Project Location Maps
Exhibit B: Bid Summary
Draft Resolution



**WEST T-HANGER RAMP PAVEMENT RECONSTRUCTION
PROJECT NO. 6849**

CITY OF HAYWARD

CONSTRUCTION OF WEST T-HANGAR RAMP RECONSTRUCTION AT HAYWARD EXECUTIVE AIRPORT

PROJECT NO. 6849

BIDS OPENED: JUNE 9, 2009

(NUMBER OF BIDS RECEIVED - 11)

Exhibit B-1

BID SUMMARY				ENGINEER'S ESTIMATE		O'Grady Paving, Inc.		Pavex Construction Division	
						2513 Wyandotte Street Mountain View, CA 94043 (650) 966-1926 (650) 966-1946 FAX		120 Granite Rock Way San Jose, CA 95136 (405) 574-1400 (408) 365-9548 FAX	
ITEM	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1.	1	LS	MOBILIZATION / TRAFFIC CONTROL	40,000.00	40,000.00	22,000.00	22,000.00	11,000.00	11,000.00
2.	35	EA	LOW PROFILE BARRICADES (AR10 x 96)	200.00	7,000.00	250.00	8,750.00	100.00	3,500.00
3.	1,778	CY	ROADWAY EXCAVATION	60.00	106,680.00	23.00	40,894.00	26.00	46,228.00
4.	11,034	SY	MILL EXISTING AC (2" THICK)	3.00	33,102.00	2.43	26,812.62	2.00	22,068.00
5.	4,836	TON	ASHPALT CONCRETE (MARSHALL MIX, FAA P-401)	80.00	386,880.00	77.00	372,372.00	79.00	382,044.00
6.	5,333	SY	CEMENT TREATED SUBGRADE	18.00	95,994.00	5.75	30,664.75	7.00	37,331.00
7.	1	LS	FOG SEAL COAT	15,000.00	15,000.00	4,000.00	4,000.00	4,500.00	4,500.00
8.	11,399	SF	ASHPALT CONCRETE SPOT REPAIR (12")	10.00	113,990.00	7.50	85,492.50	9.00	102,591.00
9.	1	LS	TAXIWAY PAVEMENT MARKINGS (TWO COATS)	30,000.00	30,000.00	8,500.00	8,500.00	8,050.00	8,050.00
10.	1	LS	RECYCLING IMPLEMENTATION	1,000.00	1,000.00	700.00	700.00	1.00	1.00
11.	1	LS	ADMINISTRATIVE CHANGE ORDERS	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00
TOTAL				929,646.00		700,185.87		717,313.00	

CITY OF HAYWARD
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 PROJECT NO. 6849
 BIDS OPENED: JUNE 9, 2009
 (NUMBER OF BIDS RECEIVED - 11)

BID SUMMARY				ENGINEER'S ESTIMATE		Gallagher & Burk, Inc. 344 High Street Oakland, CA 94601 (510) 261-0466 (510) 261-0478 FAX		Jos. J. Albanese, Inc. 986 Walsh Avenue Santa Clara, CA 95050 (408) 727-5700 (408) 727-0366 FAX	
ITEM	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1.	1	LS	MOBILIZATION / TRAFFIC CONTROL	40,000.00	40,000.00	32,403.00	32,403.00	13,500.00	13,500.00
2.	35	EA	LOW PROFILE BARRICADES (ARTO x 96)	200.00	7,000.00	200.00	7,000.00	335.00	11,725.00
3.	1,778	CY	ROADWAY EXCAVATION	60.00	106,680.00	17.00	30,226.00	21.00	37,338.00
4.	11,034	SY	MILL EXISTING AC (2" THICK)	3.00	33,102.00	1.00	11,034.00	1.75	19,309.50
5.	4,836	TON	ASHPALT CONCRETE (MARSHALL MIX, FAA P-401)	80.00	386,880.00	84.00	406,224.00	87.00	420,732.00
6.	5,333	SY	CEMENT TREATED SUBGRADE	18.00	95,994.00	7.00	37,331.00	6.50	34,664.50
7.	1	LS	FOG SEAL COAT	15,000.00	15,000.00	2,000.00	2,000.00	6,500.00	6,500.00
8.	11,399	SF	ASHPALT CONCRETE SPOT REPAIR (12")	10.00	113,990.00	8.00	91,192.00	7.50	85,492.50
9.	1	LS	TAXIWAY PAVEMENT MARKINGS (TWO COATS)	30,000.00	30,000.00	8,000.00	8,000.00	8,500.00	8,500.00
10.	1	LS	RECYCLING IMPLEMENTATION	1,000.00	1,000.00	2,000.00	2,000.00	1,000.00	1,000.00
11.	1	LS	ADMINISTRATIVE CHANGE ORDERS	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00
TOTAL				929,646.00		727,410.00		738,761.50	

Exhibit B-2

CITY OF HAYWARD
 CONSTRUCTION OF WEST T-HANGAR RAMP RECONSTRUCTION AT HAYWARD EXECUTIVE AIRPORT
 PROJECT NO. 6849
 BIDS OPENED: JUNE 9, 2009
 (NUMBER OF BIDS RECEIVED - 11)

BID SUMMARY				ENGINEER'S ESTIMATE		G. Bortolotto & Co., Inc. 582 Bragato Road San Carlos, CA 94070 (650) 595-2591 (650) 595-0718 FAX		O.C. Jones & Sons, Inc. 1520 Fourth Street Berkeley, CA 94710 (510) 526-3424 (510) 526-0990 FAX	
ITEM	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1.	1	LS	MOBILIZATION / TRAFFIC CONTROL	40,000.00	40,000.00	39,000.00	39,000.00	40,000.00	40,000.00
2.	35	EA	LOW PROFILE BARRICADES (AR10 x 96)	200.00	7,000.00	191.00	6,685.00	125.00	4,375.00
3.	1,778	CY	ROADWAY EXCAVATION	60.00	106,680.00	18.81	33,444.18	15.00	26,670.00
4.	11,034	SY	MILL EXISTING AC (2" THICK)	3.00	33,102.00	1.77	19,530.18	1.25	13,792.50
5.	4,836	TON	ASHPALT CONCRETE (MARSHALL MIX, FAA P-401)	80.00	386,880.00	93.93	454,245.48	91.00	440,076.00
6.	5,333	SY	CEMENT TREATED SUBGRADE	18.00	95,994.00	6.43	34,291.19	7.50	39,997.50
7.	1	LS	FOG SEAL COAT	15,000.00	15,000.00	4,716.00	4,716.00	5,000.00	5,000.00
8.	11,399	SF	ASHPALT CONCRETE SPOT REPAIR (12")	10.00	113,990.00	8.08	92,103.92	10.00	113,990.00
9.	1	LS	TAXIWAY PAVEMENT MARKINGS (TWO COATS)	30,000.00	30,000.00	8,050.00	8,050.00	8,000.00	8,000.00
10.	1	LS	RECYCLING IMPLEMENTATION	1,000.00	1,000.00	777.00	777.00	2,500.00	2,500.00
11.	1	LS	ADMINISTRATIVE CHANGE ORDERS	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00
TOTAL					929,646.00		792,842.95		794,401.00

Exhibit B-3

CITY OF HAYWARD
 CONSTRUCTION OF WEST T-HANGAR RAMP RECONSTRUCTION AT HAYWARD EXECUTIVE AIRPORT
 PROJECT NO. 6849
 BIDS OPENED: JUNE 9, 2009
 (NUMBER OF BIDS RECEIVED - 11)

BID SUMMARY				ENGINEER'S ESTIMATE		Granite Construction P O Box 50085 Watsonville, CA 95077 (831) 724-1011 (831) 768-4021 FAX		Bay Cities Paving & Grading, Inc. 5029 Forni Drive Concord, CA 94520 (925) 687-6666 (925) 687-2122 FAX	
ITEM	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1.	1	LS	MOBILIZATION / TRAFFIC CONTROL	40,000.00	40,000.00	7,000.00	7,000.00	68,800.00	68,800.00
2.	35	EA	LOW PROFILE BARRICADES (AR10 x 96)	200.00	7,000.00	750.00	26,250.00	151.00	5,285.00
3.	1,778	CY	ROADWAY EXCAVATION	60.00	106,680.00	12.00	21,336.00	17.50	31,115.00
4.	11,034	SY	MILL EXISTING AC (2" THICK)	3.00	33,102.00	2.00	22,068.00	1.30	14,344.20
5.	4,836	TON	ASHPALT CONCRETE (MARSHALL MIX, FAA P-401)	80.00	386,880.00	100.00	483,600.00	87.50	423,150.00
6.	5,333	SY	CEMENT TREATED SUBGRADE	18.00	95,994.00	7.50	39,997.50	7.20	38,397.60
7.	1	LS	FOG SEAL COAT	15,000.00	15,000.00	5,000.00	5,000.00	8,150.00	8,150.00
8.	11,399	SF	ASHPALT CONCRETE SPOT REPAIR (12")	10.00	113,990.00	7.50	85,492.50	8.73	99,513.27
9.	1	LS	TAXIWAY PAVEMENT MARKINGS (TWO COATS)	30,000.00	30,000.00	8,050.00	8,050.00	8,300.00	8,300.00
10.	1	LS	RECYCLING IMPLEMENTATION	1,000.00	1,000.00	500.00	500.00	2,500.00	2,500.00
11.	1	LS	ADMINISTRATIVE CHANGE ORDERS	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00
			TOTAL		929,646.00		799,294.00		799,555.07

Exhibit B-4

CITY OF HAYWARD
 CONSTRUCTION OF WEST T-HANGAR RAMP RECONSTRUCTION AT HAYWARD EXECUTIVE AIRPORT
 PROJECT NO. 6849
 BIDS OPENED: JUNE 9, 2009
 (NUMBER OF BIDS RECEIVED - 11)

Exhibit B-5

BID SUMMARY				ENGINEER'S ESTIMATE		American Asphalt Repair & Resurfacing Co., Inc. 24200 Clawiter Road Hayward, CA 94545 (510) 723-0280 (510) 723-0288 FAX	
ITEM	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1.	1	LS	MOBILIZATION / TRAFFIC CONTROL	40,000.00	40,000.00	1,760.00	1,760.00
2.	35	EA	LOW PROFILE BARRICADES (A110 x 96)	200.00	7,000.00	170.00	5,950.00
3.	1,778	CY	ROADWAY EXCAVATION	60.00	106,680.00	19.44	34,564.32
4.	11,034	SY	MILL EXISTING AC (2" THICK)	3.00	33,102.00	1.71	18,868.14
5.	4,836	TON	ASHPALT CONCRETE (MARSHALL MIX, FAA P-401)	80.00	386,880.00	107.00	517,452.00
6.	5,333	SY	CEMENT TREATED SUBGRADE	18.00	95,994.00	6.24	33,277.92
7.	1	LS	FOG SEAL COAT	15,000.00	15,000.00	1,700.00	1,700.00
8.	11,399	SF	ASHPALT CONCRETE SPOT REPAIR (12")	10.00	113,990.00	9.84	112,166.16
9.	1	LS	TAXIWAY PAVEMENT MARKINGS (TWO COATS)	30,000.00	30,000.00	8,500.00	8,500.00
10.	1	LS	RECYCLING IMPLEMENTATION	1,000.00	1,000.00	3,520.00	3,520.00
11.	1	LS	ADMINISTRATIVE CHANGE ORDERS	100,000.00	100,000.00	100,000.00	100,000.00
TOTAL				929,646.00		837,758.54	

CITY OF HAYWARD
 CONSTRUCTION OF WEST T-HANGAR RAMP RECONSTRUCTION AT HAYWARD EXECUTIVE AIRPORT
 PROJECT NO. 6849
 BIDS OPENED: JUNE 9, 2009
 (NUMBER OF BIDS RECEIVED - 11)

Exhibit B-6

BID SUMMARY				ENGINEER'S ESTIMATE		MCK Services Inc. P O Box 5697 Concord, CA 94524 (925) 957-9200 (925) 957-9292 FAX		Interstate Grading & Paving, Inc. 128 South Maple Avenue S. San Francisco, CA 94080 (650) 952-7333 (650) 952-6851 FAX	
ITEM	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1.	1	LS	MOBILIZATION / TRAFFIC CONTROL	40,000.00	40,000.00	12,000.00	12,000.00	25,000.00	25,000.00
2.	35	EA	LOW PROFILE BARRICADES (AR10 x 96)	200.00	7,000.00	200.00	7,000.00	430.00	15,050.00
3.	1,778	CY	ROADWAY EXCAVATION	60.00	106,680.00	19.60	34,848.80	30.00	53,340.00
4.	11,034	SY	MILL EXISTING AC (2" THICK)	3.00	33,102.00	1.40	15,447.60	3.50	38,619.00
5.	4,836	TON	ASHPALT CONCRETE (MARSHALL MIX, FAA P-401)	80.00	386,880.00	110.60	534,861.60	92.00	444,912.00
6.	5,333	SY	CEMENT TREATED SUBGRADE	18.00	95,994.00	6.75	35,997.75	14.00	74,662.00
7.	1	LS	FOG SEAL COAT	15,000.00	15,000.00	5,000.00	5,000.00	4,500.00	4,500.00
8.	11,399	SF	ASHPALT CONCRETE SPOT REPAIR (12")	10.00	113,990.00	10.20	116,269.80	13.00	148,187.00
9.	1	LS	TAXIWAY PAVEMENT MARKINGS (TWO COATS)	30,000.00	30,000.00	10,985.00	10,985.00	8,000.00	8,000.00
10.	1	LS	RECYCLING IMPLEMENTATION	1,000.00	1,000.00	500.00	500.00	130.00	130.00
11.	1	LS	ADMINISTRATIVE CHANGE ORDERS	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00
TOTAL					929,646.00		872,910.55		912,400.00

DRAFT

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7/2/09

HAYWARD CITY COUNCIL

RESOLUTION NO. 09-

Introduced by Council Member _____

RESOLUTION APPROVING ADDENDA NOS. 1 AND 2,
INCREASING THE ADMINISTRATIVE CHANGE ORDER
AMOUNT, AND AWARDING THE CONTRACT
TO O'GRADY PAVING, INC., FOR THE WEST T-HANGAR
RAMP PAVEMENT RECONSTRUCTION PROJECT,
PROJECT NO. 6849

WHEREAS, by resolution on April 7, 2009, the City Council approved the plans and specifications for the West T-Hangar Ramp Pavement Reconstruction Project, Project No. 6849, and called for bids to be received on May 19, 2009; and

WHEREAS, after Council approval, the advertisement for bids and bid opening was postponed June 9, 2009, in order to re-evaluate the design, develop a phasing plan to minimize the impact to airport operations, and maintain access for the hangar leasehold tenants; and

WHEREAS, on June 9, 2009, eleven bids were received for the West T-Hangar Ramp Pavement Reconstruction project ranging from \$700,185.87 to \$912,400.; O'Grady Paving, Inc., of Mountain View, California submitted the low bid in the amount of \$700,185.87, which is 24.7 percent below the Engineer's Estimate of \$929,646; and

WHEREAS, staff recommends that the Administrative Change Order amount be increased on the contract by \$365,000 from \$100,000 to \$465,000, thus increasing O'Grady Paving, Inc's. low bid from \$700,185.87 to \$1,065,185.87; and

WHEREAS, Addenda Nos. 1 and 2 were provided to make minor changes to further clarify the requirements for closing Taxiway "A" and to make other minor revisions to the plans and specifications.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Hayward hereby authorizes an increase in the Administrative Change Order for the West T-hangar Ramp Pavement Reconstruction Project, Project No. 6849 from \$100,000 to \$465,000, thus increasing the low bid to \$1,065,185.87, for additional work on the runway.

BE IT FURTHER RESOLVED by the City Council that Addenda Nos. 1 and 2 are hereby approved and adopted as part of the plans and specifications for the project.

