

**SUBMITTAL TO THE BOARD OF SUPERVISORS  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

824  
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**FROM:** TLMA - Transportation Department

**SUBMITTAL DATE:**  
January 26, 2012

**SUBJECT:** Notice of Completion - Etiwanda Avenue and Van Buren Boulevard Intersection Resurfacing

**RECOMMENDED MOTION:** That the Board execute and file the attached "Notice of Completion".

**BACKGROUND:** By Minute Order 3.108 on November 24, 2009, the Board entered into a contract with All American Asphalt of Corona, California, for the Etiwanda Avenue and Van Buren Boulevard intersection pavement replacement and resurfacing of Etiwanda Avenue from Van Buren Boulevard Northerly to Philadelphia Avenue, and the associated improvements in the Mira Loma area.

Juan C. Perez  
Director of Transportation

dj  
(Continued On Attached Page)

<b>FINANCIAL DATA</b>	Current F.Y. Total Cost:	\$4,129,680	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
	Annual Net County Cost:	\$ 0	For Fiscal Year:	2011/2012

<b>SOURCE OF FUNDS:</b> STP – Formula [Urban/Urban Place] (54.7%), Prop 1B [State bond funds – Local Roads] (42.2%), Measure A/Western (2.5 %), Jurupa Community Services District (0.6%) There are no general funds used in this project	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input type="checkbox"/>

**C.E.O. RECOMMENDATION:**

APPROVE

BY:   
Tina Grande

County Executive Office Signature

Dept't Recomm.:  Policy

Consent

Per Exec. Ofc.:  Policy

Consent

Prev. Agn. Ref. 11/24/09, Item 3.108 | District: 2/2 | Agenda Number:

3.61

The originally authorized amount of the contract was \$3,477,523. The total amended contract is \$4,129,680 which is 18.8% more than the originally authorized amount. The increased in original contract price was the result of three (3) contract change orders and bid quantity adjustments. The change order costs were primarily due to complete removal and replacement of the street section of Etiwanda Avenue from State Route 60 northerly to Philadelphia Avenue due to the accelerated deterioration of the weathered pavement and the heavy truck traffic in the industrial area. This removal and replacement treatment surpassed the original recommendation to grind and overlay the existing pavement and has increased the useful life of the pavement. There were also various items that were encountered during construction which had to be remedied to properly complete the project, including minor concrete repairs to the existing curb & gutters and sidewalks, reconstructing a storm drain junction box, repair damaged catch basins, repair damaged signal conduits, and repairing a subgrade void discovered adjacent to an existing storm drain pipe. Quantity adjustments were also necessary on various items of work that addressed adjustments to the limits.

This work was completed at the direction of the Department on November 2, 2010, and was inspected by the Construction Engineering Section of the Transportation Department. Work Order B5-0661.

**Budget**

Original Contract Amount		\$3,477,523.00
Tot. Chg Orders Authorized -	15.0%	\$520,793.00
Est. Pending Change Orders	0.0%	\$0.00
Amended Contract Amount		\$3,998,316.00
* Quantity Adjustments	3.8%	\$131,364.00
+ CCO FA Adjustments	0.0%	\$0.00
Total Amended Contract Amount	118.8%	\$4,129,680.00

**Expenditures**

Total Progress Payments -	\$4,082,466.76
Estimated Pending Payments	\$47,213.24
Total Expenditures	\$4,129,680.00

**(Over)\Under Contract Amount** \$0.00

+ Change Orders using the Force Account method of payment issued prior to the work being completed generally do not use the total authorized amount.

\* *CAL-Trans Standard Specifications 4-1.03B*. Increases or decreases in the quantity of a contract item of work will be determined by comparing the total pay quantity of such item of work with the Engineer's Estimate. If the total pay quantity of any item of work required under the contract varies from the Engineers Estimate by 25 percent or less, payment will be made for the quantity of work of said item performed at contract unit price, unless eligible for adjustment pursuant to Section 4-1.03C, "Changes in Character of Work."



PROJECT: Eltranda Avenue Rehabilitation Project from Van Buren Blvd. to Philadelphia Ave.  
 County Project No.: BS-0661 STPL - 5958 (173)  
 Contract No.: 09-010-002

Contractor: All American Asphalt  
 Address: P.O. Box 2220  
 City, State, Zip: Corona, CA 92878

Estimate No. 5 Final  
 From: November 28, 2010  
 To: August 25, 2011



Item No.	Item Description	Units	Quantity	Unit Price	Original Contract		Change Authorized		Total Authorized		This Estimate		Previous		% Auth.
					Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	
CCO 3	VARIOUS REMOVE & REPLACE WORK	FA	0	1.00	0.00	48,000.00	48,000.00	48,000.00	48,000.00	48,000.00	48,983.24	46,983.24	46,983.24	46,983.24	98%
<b>PROJECT TOTAL</b>					3,477,523.00	520,793.00	3,998,316.00	47,213.24	4,129,680.00						

Made by: George Boyden  
 Checked by: [Signature]  
 OK Const. Supv. [Signature]

Working Days: 45  
 Days Added: 6  
 Subtotal: 51  
 Days Used: 51  
 % Time Elapsed: 100%

Start Date: 7-9-10  
 End Date: 11-2-10  
 % Complete: 103%  
 Original Contract: \$3,477,523.00  
 Amended Contract: \$3,998,316.00

TOTAL VALUE OF WORK TO DATE: \$4,129,680.00  
 LESS RETENTION: 5% 206,484.00  
 TOTAL DUE TO DATE: \$3,923,196.00  
 LESS PREVIOUSLY INVOICED: 3,674,220.08  
 LESS LABOR NON COMPLIANCE: 0.00  
 TOTAL DUE THIS PAYMENT: \$248,975.92

This Estimate Approved \_\_\_\_\_ Date: \_\_\_\_\_ for: \_\_\_\_\_  
 Juan C. Perez, Director of Transportation \$248,975.92

**PAYMENT APPROVAL**

Fund 20000  
 Dept ID 31305  
 Account 524600  
 Project Z 05-0001 E  
 Activity ID Z3500  
 Resource Type CNT  
 Signature [Signature]  
 Date 9/20/11

[Signature]  
 All American Asphalt

Quantities on This Estimate Approved \_\_\_\_\_ Date: 9/22/11

Received by Accounts Payable: \_\_\_\_\_  
 By: \_\_\_\_\_



Contractor: All American Asphalt  
 Address: P.O. Box 2228  
 City, State, Zip: Corona, CA 92878

Estimate No. 5 Final  
 From: November 26, 2010  
 To: August 25, 2011

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Authorized Quantity	Change Authorized Amount	Total Authorized		This Estimate		Previous		% Auth.
								Quantity	Amount	Quantity	Amount	Quantity	Amount	
1	OBTAIN ENCROACHMENT PERMIT	FA	1	8,000.00	8,000.00			1.00	8,000.00	0.205	1,640.00	0.205	1,640.00	21%
2	RESIDENT ENGINEERS OFFICE	LS	1	4,800.00	4,800.00			1.00	4,800.00	1.00	4,800.00	1.00	4,800.00	100%
3	DUST ABATEMENT	LS	1	2,050.00	2,050.00			1.00	2,050.00	1.00	2,050.00	1.00	2,050.00	100%
4	WATER POLLUTION CONTROL	LS	1	3,300.00	3,300.00			1.00	3,300.00	1.00	3,300.00	1.00	3,300.00	100%
5	TRAFFIC CONTROL SYSTEM	LS	1	50,000.00	50,000.00			1.00	50,000.00	1.00	50,000.00	1.00	50,000.00	100%
6	WEDGE PLANE ASPHALT CONCRETE & CCO2	LF	11,500	0.95	10,925.00	-11,500.00	-10,925.00							N/A
7	RELOCATE ROADSIDE SIGN	EA	3	103.00	309.00			3.00	309.00	3.00	309.00	3.00	309.00	100%
8	ADJUST MANHOLE TO GRADE	EA	3	918.00	2,754.00			3.00	2,754.00	3.00	2,754.00	3.00	2,754.00	100%
9	COLD PLANE ASPHALT CONCRETE PAVEMENT & CCO 2	SOYD	57,000	1.40	79,800.00	-57,000.00	-79,800.00			1,671.00	1,671.00	1,671.00	2,339.40	N/A
10	DEVELOP WATER SUPPLY	LS	1	510.00	510.00			1.00	510.00	1.00	510.00	1.00	510.00	100%
11	ROADWAY EXCAVATION & CCO 2	CY	10,400	21.00	218,400.00	-1,926.00	-40,446.00	8,474.00	177,954.00	8,713.00	182,973.00	8,713.00	182,973.00	103%
12	SHOULDER BACKING	LF	200	2.50	500.00			200.00	500.00	250.00	625.00	250.00	625.00	125%
13	FINISHING ROADWAY	LS	1	4,100.00	4,100.00			1.00	4,100.00	1.00	4,100.00	1.00	4,100.00	100%
14	CLASS 2 AGGREGATE BASE	CY	1,900	18.50	35,150.00			1,900.00	35,150.00	1,997.00	36,944.50	1,997.00	36,944.50	105%
15	PLACE A/C DIKE (CRS 212)( 6')	LF	720	6.50	4,680.00			720.00	4,680.00	780.00	5,070.00	780.00	5,070.00	108%
16	PLACE ASPHALT CONCRETE DIKE (CRS 212)( 8')	LF	160	5.75	920.00			160.00	920.00	170.00	977.50	170.00	977.50	106%
17	HOT ASPHALT MIX & CCO 2	TON	14,600	59.00	861,400.00	-9,909.00	-584,631.00	4,691.00	276,769.00	4,696.34	277,084.06	4,696.34	277,084.06	100%
18	REPLACE CONCRETE PAVEMENT(RAPID STRENGTH CONCRETE)	CY	6,300	283.00	1,782,900.00			6,300.00	1,782,900.00	6,480.00	1,833,840.00	6,480.00	1,833,840.00	103%
19	ROUT AND SEAL RANDOM CRACKS & CCO 2	LS	1	19,000.00	19,000.00	-1.00	-19,000.00							N/A
20	ROADSIDE SIGN - ONE POST	EA	1	230.00	230.00			1.00	230.00	1.00	230.00	1.00	230.00	100%
21	MINOR CONCRETE (CROSS GUTTER) (CRS 209)	SQFT	400	13.50	5,400.00			400.00	5,400.00	500.00	6,750.00	500.00	6,750.00	125%
22	MINOR CONCRETE (CURB AND GUTTER) (CRS 200)	LF	330	17.50	5,775.00			330.00	5,775.00	400.00	7,000.00	400.00	7,000.00	121%

PROGRESS ESTIMATE RECORD - COUNTY OF RIVERSIDE

PROJECT: Etiwanda Avenue Rehabilitation Project from Van Buren Blvd. to Philadelphia Ave.

County Project No.: BS-0661 STPL - 5958 (173)

Contract No.: 09-910-002

SHEET 2 of 3

Processed Construction Inspection 9/22/2011

Estimate No.

From: November 26, 2010

To: August 25, 2011



Contractor: All American Asphalt

Address: P.O. Box 2229

City, State, Zip: Corona, CA 92878

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Authorized Quantity	Change Authorized Amount	Total Authorized Quantity	Total Authorized Amount	This Estimate Quantity	This Estimate Amount	Previous Quantity	Total Estimate To Date Quantity	Total Estimate To Date Amount	% Auth.
23	MINOR CONCRETE (CURB AND GUTTER)(CRS 201)	LF	150	17.50	2,625.00			150.00	2,625.00			187.00	187.00	3,272.50	125%
24	CURB RAMP DETECTABLE WARNING SURFACE	EA	21	1,030.00	21,630.00			21.00	21,630.00			22.00	22.00	22,660.00	105%
25	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	3,900	2.05	7,995.00			3,900.00	7,995.00			4,500.00	4,500.00	9,225.00	115%
26	PAINT TRAFFIC STRIPE (2 COAT)	LF	39,000	0.16	6,240.00			39,000.00	6,240.00			41,000.00	41,000.00	6,560.00	105%
27	PAVEMENT MARKER (NON-REFLECTIVE)	EA	140	1.00	140.00			140.00	140.00			140.00	140.00	140.00	100%
28	PAVEMENT MARKER (REFLECTIVE)	EA	1,200	1.80	2,160.00			1,200.00	2,160.00			1,250.00	1,250.00	2,250.00	104%
29	VIDEO DETECTION CAMERA SYSTEM ETIWANDA AVE. to VAN BUREN BLVD.	LS	1	37,000.00	37,000.00			1.00	37,000.00			1.00	1.00	37,000.00	100%
30	DETECTOR LOOP	EA	85	200.00	17,000.00			85.00	17,000.00			91.00	91.00	18,200.00	107%
31	MOBILIZATION	LS	1	50,000.00	50,000.00			1.00	50,000.00			1.00	1.00	50,000.00	100%
32	DE-MOBILIZATION	LS	1	200,000.00	200,000.00			1.00	200,000.00			1.00	1.00	200,000.00	100%
33	ADJUST MANHOLE TO GRADE [AT CONCRETE PAVEMENT](JCS)	EA	4	1,025.00	4,100.00			4.00	4,100.00			4.00	4.00	4,100.00	100%
34	ADJUST MANHOLE TO GRADE [AT ASPHALT CONCRETE PAVEMENT](JCS)	EA	11	590.00	6,490.00			11.00	6,490.00			10.00	10.00	5,900.00	91%
35	ADJUST WATER VALVE COVER TO GRADE [AT CONCRETE PAVEMENT](JCS)	EA	36	590.00	21,240.00			36.00	21,240.00			36.00	36.00	21,240.00	100%
CCO 1	HARDSHIP TO LOCAL COMMERCE	AG	0	35,910.00	0.00	1.00	35,910.00	1.00	35,910.00			1.00	1.00	35,910.00	100%
CCO 1S1	HARDSHIP TO LOCAL COMMERCE	AG	0	525.00	0.00	1.00	525.00	1.00	525.00			1.00	1.00	525.00	100%
CCO 2	ITEM A ROADWAY EXCAVATION	CY	0	26.00	0.00	7,950.00	206,700.00	7,950.00	206,700.00			8,115.00	8,115.00	210,990.00	102%
CCO 2	ITEM B HOT MIX ASPHALT	TN	0	60.00	0.00	15,650.00	939,000.00	15,650.00	939,000.00			16,766.13	16,766.13	1,005,567.80	107%
CCO 2	ITEM C COLD PLANE	SY	0	2.25	0.00	1,760.00	3,960.00	1,760.00	3,960.00			1,760.00	1,760.00	3,960.00	100%
CCO 2	ITEM D TRAFFIC CONTROL	AP	0	21,500.00	0.00	1.00	21,500.00	1.00	21,500.00			1.00	1.00	21,500.00	100%

Etiwanda Avenue Rehab. From Van Buren Blvd. to Philadelphia Ave.  
Contract CCO History

Contract No. 09-10-002  
 Work Order No. B5-0661  
 Contract Amount \$3,477,523.00

Single Maximum CCO \$150,000.00  
 Maximum CCO's \$347,752.30  
 Tip Budget

Tip Comments:  
No Change

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CCO No.	Amount This CCO	Authority	Cumulative CCO's	% Original Authorized	Cumulative CCO %	Classification
1	\$35,910.00	Trans. Director	\$35,910.00	1.03%	1.03%	Unavoidable
1S1	\$525.00	Trans. Director	\$36,435.00	0.02%	1.05%	Unavoidable
2	\$436,358.00	Board Approval	\$472,793.00	12.55%	13.60%	Unavoidable
3	\$48,000.00	Board Approval	\$520,793.00	1.38%	14.98%	Unavoidable

\$520,793.00

14.98%

New Authorized Contract Total	\$3,998,316.00
Total CCO Dollars To Date	\$520,793.00
Total % Increased by CCO's	14.98%

# ETIWANDA AVENUE REHABILITATION PROJECT

FROM VAN BUREN BOULEVARD TO PHILADELPHIA AVENUE

FEDERAL I.D. NO. STPL - 5956 (173)

