

Reviewed by Capital Projects Review Committee

Departmental Concurrence

FORM APPROVED COUNTY COUNSEL
DATE 8/19/10
BY: MARSHAL VICTOR

Dep't Recomm.: ☐ Consent ☒ Policy
Per Exec. Ofc.: ☐ Consent ☒ Policy

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

975



FROM: TLMA - Transportation Department

SUBMITTAL DATE:
August 19, 2010

SUBJECT: Contract Change Order No. 2 - between the County of Riverside and All American Asphalt, for the Rehabilitation of Etiwanda Avenue, Mira Loma Area

RECOMMENDED MOTION: That the Board execute and authorize the Transportation Department to issue Contract Change Order No. 2 with All American Asphalt based on the finding that this work is integral to the project and is the most cost effective method for finishing this project and providing a safe road for local traffic.

BACKGROUND: On November 24, 2009 (agenda item 3.108), the Board entered into an agreement with All American Asphalt of Corona 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

Juan C. Perez
Director of Transportation

dj
(Continued On Attached Page)

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 436,358	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
	Annual Net County Cost:	\$ 0	For Fiscal Year:	2010/2011
SOURCE OF FUNDS: STP - Formula [Urban/Urban Place] (54.7%), Proposition 1B [State bond funds - Local Roads] (42.2%), Measure A / Western (2.5%), Jurupa Community Services District (0.6%)				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

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

3.77

The Honorable Board of Supervisors

RE: Contract Change Order No. 2 - between the County of Riverside and All American Asphalt,
for the Rehabilitation of Etiwanda Avenue, Mira Loma Area

August 19, 2010

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Loma area. This contract change order will compensate the Contractor for performing extra work that is necessary for the reconstruction and rehabilitation of Etiwanda Avenue from northerly of SR 60 to the County line at Philadelphia Avenue.

JUSTIFICATION: The scope of work as stipulated in the contract documents was changed due to the worsening structural integrity of the existing asphalt pavement. The deterioration of the pavement on Etiwanda Avenue has accelerated due to the weathered asphalt condition and the increased truck traffic since the design of the project was finalized. The original recommendation to surface grind and overlay the existing pavement is no longer sufficient and would require excessive amounts of localized full depth reconstruction. The revised recommended reconstruction process is to remove the existing pavement on the entire stretch from S.R. 60 to the County line at Philadelphia Avenue, re compact the base, install a leveling course and replace the pavement. This option results in increased material quantities, additional labor hours and equipment time, but is a less costly option than either performing the increased amount of full depth reconstruction in localized areas or performing the work as shown on the plans and returning to perform the full reconstruction in another few years.

This work is integral to the project, which provides for the reconstruction of Etiwanda Avenue from Van Buren Boulevard to the County line at Philadelphia Avenue.

This change order brings the total authorized contract amount to \$3,950,316, 13.6% over the originally authorized contract amount. There is no budget adjustment necessary as the budgeted allowable contract cost is \$5,154,000, so this change order is within budget and will result in a better finished product and longer lasting road for the public.

The contractor successfully completed the pavement replacement work at the intersection of Etiwanda and Van Buren within the required 9-day closure period. This work can be done through lane closures, mostly during night hours, while staying open to traffic.

W.O. B5-0661

LETTER OF TRANSMITTAL

**Local Agency: County of Riverside
Transportation Department**

DATE: August 4, 2010

File: Etiwanda Avenue Rehabilitation

W.O. No.: B5-0661

C.C.O.: 2

TO: Juan C. Perez

From: Hugh Smith

\$436,358.00 (12.55% of the original contract amount of \$3,477,523.00)

This contract change order became necessary in order to compensate the Contractor for extra work to reconstruct and rehabilitate Etiwanda Avenue from northerly of SR 60 to Philadelphia Avenue.

The scope of work as stipulated in the contract documents was changed due to the worsening structural integrity of the existing asphalt pavement. The accelerated deterioration of the pavement due the weathered asphalt condition and increased truck traffic has surpassed the original recommendation to grind and overlay the existing pavement. The recommended reconstruction process is to remove and replace the existing pavement resulting in increased material quantities, additional labor hours and equipment time.

The amount of this Contract Change Order is \$436,358.00 accumulation of all Contract Change Orders thus far, including this one, is \$472,793.

Previous Contract Change Order Amounts Approved:

See C.C.O. History
(attached)

\$35,910.00

\$525.00

File: Etiwanda Avenue Rehabilitation
W.O. No.: B5-0661
C.C.O. No. 2
Page 2


This Contract Change Order was discussed with Mike Muetting and he gave his concurrence to this change.

Adjustment of Time: No working days

ESTIMATE OF COST

Items	\$-734,802.00
Force Account	
Agreed Price	\$1,171,160.00
Adjustment	

TOTAL	\$436,358.00
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Hugh Smith
Construction Engineer

C. C. O. Category

Agency Mandated	
Anticipated Force Account	
Change in Field Conditions	√
Design Omission	
ROW Obligations	
Upgrades / Benefits	
Utilities	



COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT

SHEET 1 OF 2 SHEETS

Contract Change Order No. 2

CONTRACT: Etiwanda Avenue Rehabilitation Project WORK ORDER NO. B5-0661

TO: All American Asphalt CONTRACTOR: YOU ARE HEREBY DIRECTED TO MAKE THE HEREIN DESCRIBED CHANGES FROM THE PLANS AND SPECIFICATIONS OR DO THE FOLLOWING DESCRIBED WORK NOT INCLUDED IN THE PLANS AND SPECIFICATIONS ON THIS CONTRACT.

Description of work to be done, estimate of quantities and prices to be paid. Segregated between additional work at contract price, agreed price and force account. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time.

Estimate of Extra Work at Agreed Unit Prices:

As directed by the Engineer and accordance with the Special Provisions, compensate the Contractor for Extra Work to reconstruct and rehabilitate Etiwanda Avenue from northerly of SR 60 to Philadelphia Avenue in accordance with the revised structural section as recommended by the Riverside County Materials Laboratory versus as indicated in the project plans. The unit prices include; but not limited to; furnishing labor, equipment and materials, grade and compact sub-grade, dispose discarded construction debris and complete the work in place as follows:

Item A: Roadway Excavation	7,950 CY @ \$26.00 / CY	=\$206,700.00
Item B: Hot Mix Asphalt	15,650 Tons @ \$60.00 / Ton	=\$939,000.00
Item C: Cold Plane AC	1,760 SY @ \$2.25 / SY	=\$3,960.00
Item D: Traffic Control	Lump Sum @ \$21,500.00	=\$21,500.00
TOTAL:		=\$1,171,160.00

There will be no adjustment in the Agreed Unit Price for the above items due to increases or decreases in quantities in excess of 25% of the Engineer's Estimate by reason of this Change Order. Payment will be made for the actual quantity of the items performed at the above unit prices.



COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT

SHEET 2 OF 2 SHEETS

Contract Change Order No. 2

CONTRACT: Etiwanda Avenue Rehabilitation Project WORK ORDER NO. B5-0661

TO: All American Asphalt CONTRACTOR: YOU ARE HEREBY DIRECTED TO MAKE THE HEREIN DESCRIBED CHANGES FROM THE PLANS AND SPECIFICATIONS OR DO THE FOLLOWING DESCRIBED WORK NOT INCLUDED IN THE PLANS AND SPECIFICATIONS ON THIS CONTRACT.

Description of work to be done, estimate of quantities and prices to be paid. Segregated between additional work at contract price, agreed price and force account. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time.

Estimate of Decreases of Contract Items at Contract Prices:

As directed by the Engineer and in accordance with the applicable sections of the Special Provisions; decrease Item No. 6 - Wedge Plane AC; Item No. 9 - Cold Plane AC; Item 11 - Roadway Excavation; Item 17 - Hot Mix Asphalt and Item 19 - Rout and Seal Random Cracks at Contract Prices as follows:

Item No. 6 - Wedge Plane AC	- 11,500 LF (-100%) @ \$0.95 per LF	= - \$10,925.00
Item No. 9 - Cold Plane AC	- 57,000 SY (-100%) @ \$1.40 per SY	= - \$79,800.00
Item No. 11 - Roadway Excavation	- 1,926 CY (-19%) @ \$21.00 per CY	= - \$40,446.00
Item No. 17 - Hot Mix Asphalt	- 9,909 tons (-68%) @ \$59.00 per Ton	= - \$584,631.00
Item No. 19 - Rout and Seal Cracks	- Lump Sum @ \$19,000.00	= - \$19,000.00

TOTAL: = - \$734,802.00

There will be no adjustment in the Contract Unit Prices for the above items due to decreases in quantities in excess of 25% of the Engineer's Estimate by reason of this Change Order.

Estimated Cost: Decrease \$ _____ Increase \$ \$436,358.00

WE, the undersigned contractor, have given careful consideration to the change proposed and hereby agree that we will provide all equipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefor the prices shown above.

By reason of this proposed change 0 days adjustment of time will be allowed.

Accepted [Signature] 8/4/10 Date
All American Asphalt

[Signature] 8/4/10
Approval Recommended Date

[Signature] 8/12/10
Approved Date
Juan C. Perez, Director of Transportation

NOTE: This change order is not effective until approved by County. If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest with the time therein specified.

[Signature]
Approved Date
Chairman, Riverside County Board of Supervisors

FORM APPROVED COUNTY COUNSEL
BY: [Signature] 8/19/10 DATE
MARSHAL VICTOR

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 \$57,275.23
Maximum CCO's \$347,752.30
Tip Budget

Tip Comments:
No Change

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

\$472,793.00

13.60%

New Authorized Contract Total	\$3,950,316.00
Total CCO Dollars To Date	\$472,793.00
Total % Increased by CCO's	13.60%