

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

814



FROM: TLMA - Transportation Department

SUBMITTAL DATE:
May 25, 2011

SUBJECT: Contract Change Order No. 3 - between the County of Riverside and All American Asphalt, for the Rehabilitation of Etiwanda Avenue, Mira Loma Area

RECOMMENDED MOTION: That the Board of Supervisors ratify Contract Change Order No. 3 with All American Asphalt for additional work required and integral to this project.

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

FORM APPROVED COUNTY COUNSEL
DATE: 5/17/11
BY: MARSHA L. VICTOR

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 48,000	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

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

Prev. Agn. Ref. 3.108 of 11/24/09 | District: 2 | Agenda Number:
3.77 of 8/31/10

ATTACHMENTS FILED
WITH THE CLERK OF THE BOARD

3.68

The Honorable Board of Supervisors

RE: Contract Change Order No. 3 - between the County of Riverside and All American Asphalt,
for the Rehabilitation of Etiwanda Avenue, Mira Loma Area

May 25, 2011

Page 2 of 2

This contract change order in the amount of \$48,000.00 became necessary in order to compensate the Contractor for miscellaneous extra work to facilitate the reconstruction and rehabilitation of Etiwanda Avenue from Riverside Drive to Philadelphia Avenue.

JUSTIFICATION: During the construction of this project, there were various unforeseen items encountered that needed to be addressed to improve the safety and function of the intersection as a whole. Additionally, there were a few items encountered that were buried and not visible before the contractor began work. The miscellaneous directed extra work includes such items as; removing and replacing broken and/or cracked concrete curb and gutter, sidewalk and access ramps, reconstructing a storm drain junction box structure that was unearthed during the removal of the existing roadway section, exploring and excavating a sub-grade void that was discovered adjacent to an existing 36" drainage pipe, repairing a damaged rigid conduit crossing for the traffic signal, and restoring a catch basin to alleviate a drainage flow issue and diminish water ponding.

The contractor successfully completed the pavement replacement work at the intersection of Etiwanda and Van Buren within the required 9-day full-closure period. The intersection of Van Buren and Etiwanda is one of the busiest in the County, and there was a desire to do the work on a round-the-clock, 24-hour basis, to limit the disruption to traffic. This full 9-day closure greatly reduced the time to complete the project and congestion due to construction. Given the compressed nature of the work that necessitated that issues be dealt with immediately to keep the project moving within the 9-day closure time frame, and the deteriorated state of the roads, this higher-than-normal change order rate is not unexpected.

This work is integral to the project which provides required improvements at the intersection of Etiwanda and Van Buren Boulevard. The Transportation Department is aware that subsequent change orders to this project are required to have Board approval; however, the ceasing of work to the project to separately bid this required work was not a feasible option, and would have cost the County more in delay claims. Seeking bids apart from having the Contractor complete these items of work would have cost the County substantially more.

On July 21, 2010 a change order was approved by the Director of Transportation for the amount of \$35,910 which is 1.03% of the original contract amount. The Board approved contract change order No. 2 (Item 3.77, 08/31/10), which modified the pavement treatment on Etiwanda northerly of SR 60. That change order brought the authorized contract amount to \$3,950,316, 13.6% over the originally authorized contract, and exceeded the Director's authority to approve changes as allowed under Resolution 93-047. This change order brings the total authorized contract amount to \$3,998,316, 14.98% over the originally authorized contract amount.

Project Number: B5-0661, STPL-5956 (173)

LETTER OF TRANSMITTAL

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

DATE: January 20, 2011

**File: Etiwanda Avenue Rehabilitation
W.O. No.: B5-0661
C.C.O.: 3**

TO: Juan C. Perez

From: Hugh Smith

\$48,000.00 (1.38% of the original contract amount of \$3,477,523.00)

This contract change order became necessary in order to compensate the Contractor for miscellaneous extra work to facilitate the reconstruction and rehabilitation of Etiwanda Avenue from Riverside Drive to Philadelphia Avenue.

These miscellaneous items were encountered during construction and had to be remedied to properly complete the project. The miscellaneous directed extra work includes such items as; removing and replace broken and/or cracked concrete curb and gutter, sidewalk and access ramps, reconstructing a storm drain junction box structure that was unearthed during the removal of the existing roadway section, exploring and excavating a subgrade void that was discovered adjacent to the existing 36" CMP repairing a damaged rigid conduit crossing for the traffic signal and restoring a catch basin to alleviate a drainage flow issue and diminish water ponding. Additionally, there was an additional remobilization cost incurred due to time delay pending approval of contract change order for the modification of asphalt structural section on Etiwanda Ave. from SR 60 to Philadelphia Ave.

The amount of this Contract Change Order is \$48,000.00. An accumulation of all Contract Change Orders thus far, including this one, is \$520,793.00.

Previous Contract Change Order Amounts Approved:

See C.C.O. History	\$35,910.00
(attached)	\$525.00
	\$436,358.00

File: Etiwanda Avenue Rehabilitation
W.O. No.: B5-0661
C.C.O. No. 3
Page 2

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

Adjustment of Time: 6 working days

ESTIMATE OF COST

Items	
Force Account	\$48,000.00
Agreed Price	
Adjustment	
TOTAL	\$48,000.00



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 1 SHEETS

Contract Change Order No. 3

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 Force Account:

As directed by the Engineer and in accordance with the applicable sections of the Special Provisions compensate the Contractor for various extra work as follows:

- Remove and replace 76 LF broken / cracked concrete curb & gutter, 320 SF sidewalks, 260 SF cross gutter at eastbound SR 60 on ramp and one access ramp. \$14,055.00
- Reconstruct and modify existing Jurupa Community Services District concrete junction structure that protruded above the grading plane for the proposed concrete pavement. \$1,360.00
- Excavate and re-compact dirt backfill of existing 36" corrugated metal pipe storm drain at approximate Station 254+25. \$1,360.00
- Remove, repair and replace portions of existing 3" rigid conduit crossing to allow installation of wiring for the video detection cameras of the traffic signal at the intersection of Etiwanda Avenue and Van Buren Blvd. \$7,600.00
- Remobilization costs incurred pending approval of extra work for revised structural section of asphalt concrete paving for Etiwanda Avenue from SR 60 to Philadelphia Avenue. \$5,000.00
- Construct a 7.0' CRS 300 - modified curb inlet catch basin on Van Buren Blvd., including but not limited to, excavation, furnish form lumber, portland cement concrete and traffic control. \$18,500.00

Force Account Payment will be in accordance with Section 9-1.03 of the Standard Specifications.

Estimated Cost: Decrease \$ Increase \$ 48,000.00

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 6 days adjustment of time will be allowed.

Accepted [Signature] Date

All American Asphalt

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] 4/10/11
Approval Recommended Date

Recommended
Approved [Signature] 4/21/11
Juan C. Perez, Director of Transportation Date

Approved
Chairman, Riverside County Board of Supervisors Date

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

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%