

337

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



FROM: TLMA ~ Transportation Dept.

SUBMITTAL DATE:
April 9, 2007

SUBJECT: Construction of Storm Drain Improvements, Mission Trail at Corydon Street, Lake Elsinore area, Contract Change Order No. 4

RECOMMENDED MOTION: That the Board authorize the Transportation Department to issue Contract Change Order No. 4 for additional work on the Mission Trail at Corydon Street project.

BACKGROUND: By Minute Order dated June 28, 2005 (agenda item 3.64) the Board awarded the contract to Remedial Civil Constructors DBA R.C.C. of Montrose, CA for the construction of Storm Drain Improvements at Mission Trail and Corydon Street in the Lake Elsinore area.

This Change Order became necessary because numerous unanticipated utilities and other field conditions were discovered during construction which required plan revisions and approvals. The resulting delays and additional construction material quantities resulted in significant additional work by the contractor, delays to the contractor's forces, and increased final construction costs.

The original amount of the contract is \$603,000.00 and Contract Change Order No. 4 is \$138,669.07, amounting to 23.00% of the original contract amount. This change order exceeds the individual change order amount (\$28,530.00) and the maximum cumulative of change order amount of (\$60,300.00) that can be authorized by the Director of Transportation, and requires Board approval in accordance with Resolution No. 93-047. Project Work Order No. B4-0498.

Departmental Concurrence

HS:tn

George A. Johnson
Director of Transportation

Attachments: Change Order No. 4

FINANCIAL DATA

Current F.Y. Total Cost:	\$ 138,669.07	In Current Year Budget:	Yes
Current F.Y. Net County Cost:	\$ 0.00	Budget Adjustment:	No
Annual Net County Cost:	\$ 0.00	For Fiscal Year:	2006/2007

SOURCE OF FUNDS: Gas Tax, RDA, Flood Control, Measure A, CDBG

Positions To Be Deleted Per A-30	<input type="checkbox"/>
Requires 4/5 Vote	<input checked="" type="checkbox"/>

C.E.O. RECOMMENDATION: APPROVE

County Executive Office Signature

- Dept't Recomm.: Consent Policy
- Per Exec. Ofc.: Consent Policy

Prev. Agn. Ref.: 6/28/05 (3.64)

District: 1

Agenda Number:

3.39

LETTER OF TRANSMITTAL

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

DATE: February 22, 2007

**File: Mission Trail and Corydon
Storm Drain Project**

W.O. No.: B4-0498

C.C.O. No. 4

TO: George A. Johnson

From: Hugh Smith

\$138,669.07 (23.00% of the original contract amount of \$603,000.00)

This Contract Change Order provides for compensating the Contractor for unforeseen additional work, increasing, and decreasing contract items in quantities greater than 25%.

This Change Order became necessary due to unidentified utilities and additional concrete drain pipe found during construction, this event caused delays and incurred additional cost. The contractor also re-graded the storm drain channel, after discovering an 8 inch discrepancy in the design grade of the 72" Reinforced Concrete Pipe outlet. This Change Order is also required due to the increase and decrease of quantities in contract bid items in excess of 25% of the Engineer's Estimate.

The amount of this Contract Change Order is \$138,669.07 and the accumulation of all Contract Change Orders thus far, including this one, is \$196,470.01.

Previous Contract Change Order Amounts Approved:

See C.C.O. History
(attached)


\$57,800.94

File: Mission Trail and Corydon Strom Drain
W.O. No.: B4-0498
C.C.O. No. 4
Page 2

This Contract Change Order was discussed with Mr. Scott Staley and he gave his concurrence to this change.

Adjustment of Time: 35 days

ESTIMATE OF COST	
Items	+ \$22,121.00
Force Account	+\$116,548.07
Agreed Price Adjustment	
	<hr/>
TOTAL	+\$138,669.07



Hugh Smith
Construction Engineer

C. C. O. Category

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

Mission Trail and Corydon Storm Drain (Sedco)
Contract CCO History

Contract No. 05-06-014
Work Order No. B4-0498
Contract Amount \$603,000.00

Single Maximum CCO \$28,530.00
Maximum CCO's \$60,300.00
Tip Budget \$663,300.00

Tip Comments:
No Change

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CCO No.	Amount This CCO	Authority	Cumulative CCO's	% Original Authorized	Cumulative CCO %	Classification
1	\$26,915.00	Trans. Director	\$26,915.00	4.46%	4.46%	Extra / Other
2	\$11,250.00	Trans. Director	\$38,165.00	1.87%	6.33%	Extra / Other
3	\$19,635.94	Trans. Director	\$57,800.94	3.26%	9.59%	Extra / Unavoidable
4	\$138,669.07	Board Approval	\$196,470.01	23.00%	32.58%	Extra / Unavoidable

\$196,470.01

32.58%

New Authorized Contract Total \$799,470.01
Total CCO Dollars To Date \$196,470.01
Total % Increased by CCO's 32.58%

Warning! Project over TIP Budget



**COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT**

SHEET 1 OF 1 SHEETS

Contract Change Order No. 4

CONTRACT Mission Trail and Corydon Storm Drain WORK ORDER NO. B4-0498

TO RCC General Engineering 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 the following extra work:

Utility Delays and Unmarked Conduits:	\$28,567.67
Pave Asphalt Concrete:	\$38,652.16
Miscellaneous Extra Work:	\$10,110.25
Regrade Channel:	\$39,217.99

Estimate of Extra Work at Force Account = \$116,548.07

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

Estimate of Increases and Decreases of Contract Items at Contract Price:

As directed by the Engineer and in accordance with the applicable sections of the Special Provisions; decrease and increase and the following contract items:

Item No. 9 - Aggregate Base (51%)	+137 CY X \$33.00/CY = + \$ 4,521.00
Item No. 13 - Head Wall and Transition Structure (+40%)	+ 20 CY X \$880.00/CY = + \$17,600.00
	Total = + \$22,121.00

There will be no adjustment in the Contract 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.

Total of Extra Work for this Change Order: \$138,669.07

Estimated Cost: Decrease \$ _____ Increase \$ \$138,669.07

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.

[Signature] 2/13/07
Approval Recommended _____ Date

By reason of this proposed change 35 days adjustment of time will be allowed.

Accepted [Signature] 2/13/07
RCC General Engineering _____ Date

[Signature]
Approved _____ Date
George A. Johnson, 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.

Approved _____ Date
Chairman, Riverside County Board of Supervisors