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



**FROM:** TLMA – Transportation Dept.

**SUBMITTAL DATE:**

April 9, 2007

**SUBJECT:** Notice of Completion – Construction of Storm Drain Improvements, Mission Trail at Corydon Street, Lake Elsinore area

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

**BACKGROUND:** By Minute Order 3.64 of June 28, 2005, the Board entered into an agreement with Remedial Civil Constructors DBA R.C.C. for the storm drain improvements on Mission Trail at Corydon Street in the Lake Elsinore area of Riverside County. The authorized amount of the contract was \$603,000.00. The total amended contract amount (including Change Orders and quantity adjustments) is \$811,122.81, which is 34.5% more than the originally authorized amount. The project is in the vicinity of some commercial development that occurred prior to the start of construction as well as on some property acquired by the County necessary for construction. The developments and acquisition negotiations caused some additional delays to the start of the project as well as some changes to the original design. Additionally, unanticipated utilities and other field conditions were discovered during construction which caused lengthy delays and required additional construction material quantities. These issues ultimately resulted in significant additional work by the contractor and increased final construction costs.

Departmental Consultation

This work was completed in conformance with the plans and specifications on June 29, 2006. The work was inspected by the Construction Engineering Section of the Transportation Department. Work Order B4-0498.

HS: tn

Attachments: Notice of Completion

*George A. Johnson*  
George A. Johnson  
Director of Transportation

<b>FINANCIAL DATA</b>	Current F.Y. Total Cost:	\$ 811,122.81	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

<b>SOURCE OF FUNDS:</b> Gas Tax, RDA, Flood Control, Measure A, CDBG	<b>Positions To Be Deleted Per A-30</b>	<input type="checkbox"/>
	<b>Requires 4/5 Vote</b>	<input type="checkbox"/>

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

County Executive Office Signature

*Lisa Grinde*

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

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

District: 1

Agenda Number:

3.40

**Budget**

Original Contract Amount			\$603,000.00
Tot. Chg Orders Authorized -	2	6.3%	\$38,165.00
Est. Pending Change Orders	2	26.3%	\$158,305.01
Amended Contract Amount			\$799,470.01
* Quantity Adjustments		1.9%	\$11,652.80
+ CCO FA Adjustments		0.0%	<u>\$0.00</u>
Total Amended Contract Amount		134.5%	\$811,122.81

**Expenditures**

Total Progress Payments -	6		\$656,775.30
Estimated Pending Payments	2		<u>\$154,347.51</u>
Total Expenditures			\$811,122.81

**(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 therefor. If the total pay quantity of any item of work required under the contract varies from the Engineers Estimate therefor by 25 percent or less, payment will be made for the quantity of work of said item performed at contract unit price, therefor, unless eligible for adjustment pursuant to Section 4-1.03C, "Changes in Character of Work."

<b>When recorded, return to:</b>  <b>After Recording, deliver to:</b> <b>Clerk of Board of Supervisors</b>
<b>Notice of Completion</b>
<b>(Civil Code § 3093 - Public Works)</b>

**(For Recorder's use)**

To be recorded with County Recorder within 10 days after completion.  
 No recording fee.

**Notice is hereby given by the undersigned owner, a public entity of the State of California, that a public work of improvement has been completed, as follows:**

**Project title or description of work:** To improve storm drain system on Mission Trail at Corydon Street in the Lake Elsinore area of Riverside County.

**Date of Completion:**                      Date of this notice

**Nature of owner:**              County of Riverside, public entity

**Interest or estate of owner:**    Public Roadway

**Address of owner:**            4080 Lemon Street, 8th Floor, Riverside, CA 92501

**Name of contractor:**    Remedial Civil Constructors, DBA R.C.C.

**Street or legal description of site:**

Dated: \_\_\_\_\_

Owner: County of Riverside  
 (Name of Public Entity)

By: \_\_\_\_\_  
 Chairman, Board of Supervisors

**STATE OF CALIFORNIA )**

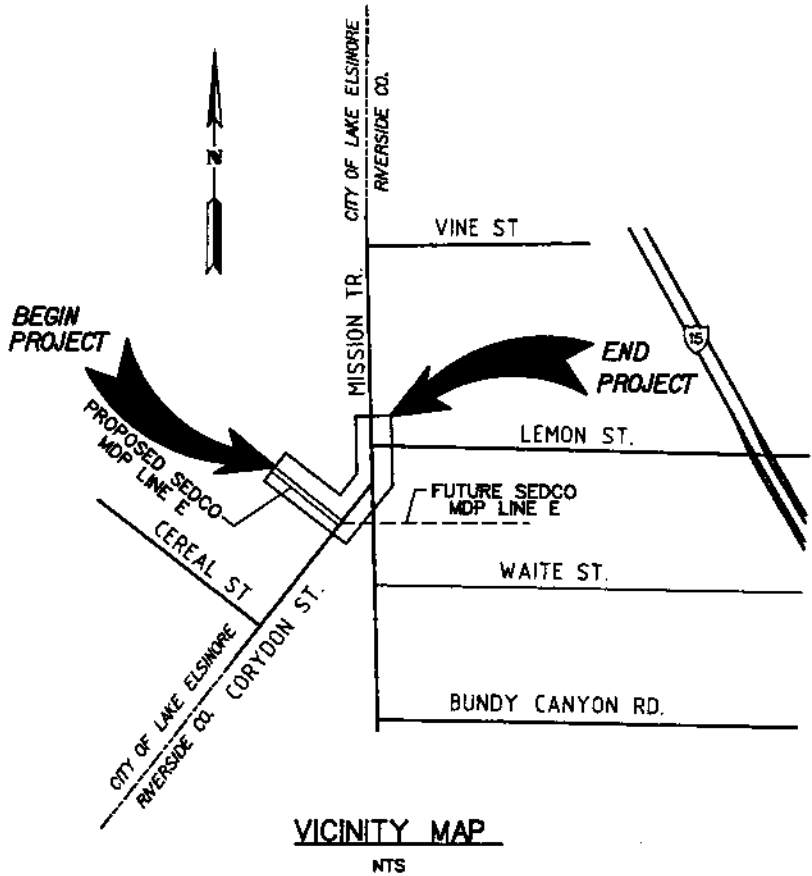
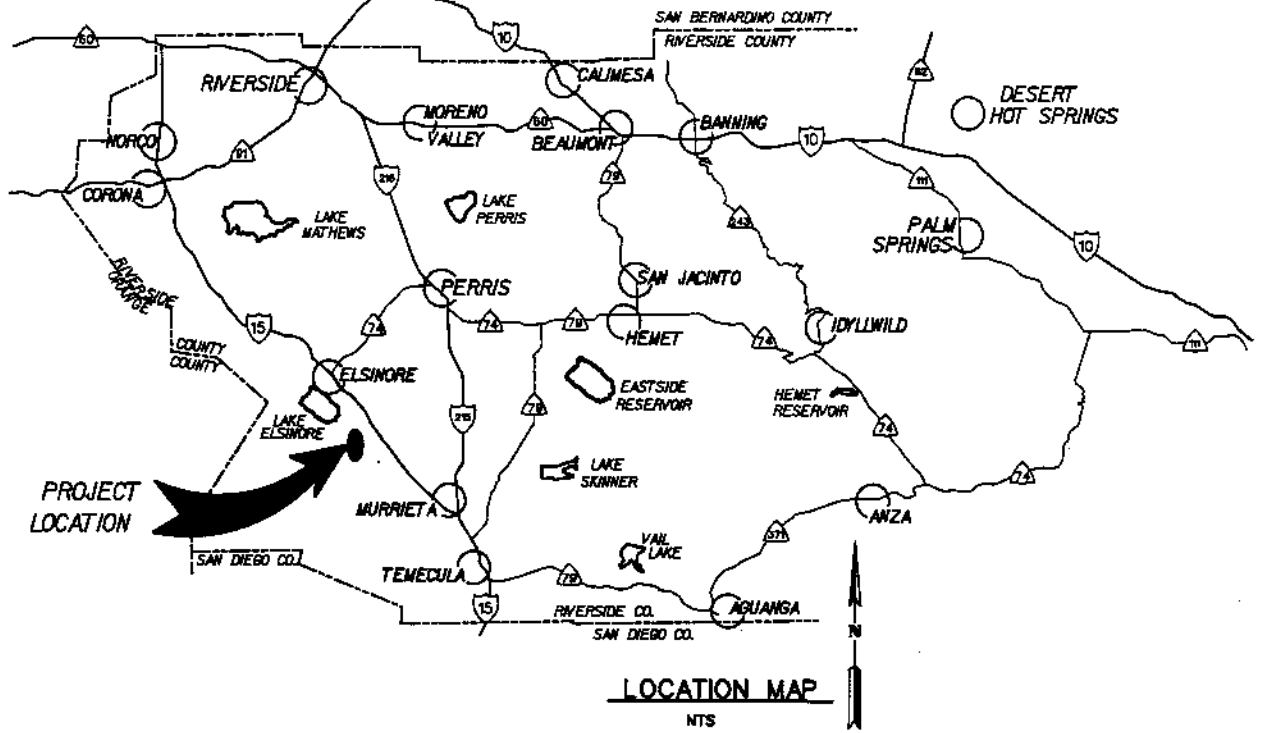
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**COUNTY OF RIVERSIDE )**

I am the Chairman of the governing board of the County of Riverside, the public entity which executed the foregoing notice and on whose behalf I make this verification; I have read this notice, know its contents, and the same is true. I certify under penalty of perjury that the foregoing is true and correct.

Executed at Riverside, California on \_\_\_\_\_ (Date)

\_\_\_\_\_





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.
1	Place 6" AC Dike CRS 212	LF	85	50.00	4,250.00			85.00	4,250.00	85.00	4,250.00	85.00	85.00	4,250.00	100%
2	Dust Abatement	LS	1	3,500.00	3,500.00			1.00	3,500.00	1.00	3,500.00	1.00	1.00	3,500.00	100%
3	Water Pollution Control	FA	1	10,000.00	10,000.00			1.00	10,000.00	1.00	10,000.00	1.00	1.00	10,000.00	100%
4	Traffic Control System	LS	1	4,000.00	4,000.00			1.00	4,000.00	1.00	4,000.00	1.00	1.00	4,000.00	100%
5	Relocate Roadside Sign - One Post	EA	1	330.00	330.00			1.00	330.00	1.00	330.00	1.00	1.00	330.00	100%
6	Clearing and Grubbing	LS	1	14,737.40	14,737.40			1.00	14,737.40	1.00	14,737.40	1.00	1.00	14,737.40	100%
7	Channel Excavation	LS	1	65,000.00	65,000.00			1.00	65,000.00	1.00	65,000.00	1.00	1.00	65,000.00	100%
8	Trench Safety	LS	1	5,000.00	5,000.00			1.00	5,000.00	1.00	5,000.00	1.00	1.00	5,000.00	100%
9	Class 2 Aggregate Base	CY	180	33.00	5,940.00	137.00	4,521.00	317.00	10,461.00	92.00	3,036.00	225.00	317.00	10,461.00	100%
10	Asphalt Concrete Type A	TN	75	140.00	10,500.00			75.00	10,500.00			93.80	93.80	13,132.00	125%
11	Concrete Bulkhead	EA	1	2,750.00	2,750.00			1.00	2,750.00	1.00	2,750.00	1.00	1.00	2,750.00	100%
12	Transition Structure No. 3	EA	1	9,748.00	9,748.00			1.00	9,748.00	1.00	9,748.00	1.00	1.00	9,748.00	100%
13	Headwall & Transition Structure	CY	50	880.00	44,000.00	20.00	17,600.00	70.00	61,600.00	7.50	6,600.00	82.50	70.00	61,600.00	100%
14	30" Reinforced Concrete Pipe	LF	98	98.00	9,604.00			98.00	9,604.00			98.00	98.00	9,702.00	101%
15	42" Reinforced Concrete Pipe	LF	627	170.00	106,590.00			627.00	106,590.00			628.00	628.00	106,760.00	100%
16	72" Reinforced Concrete Pipe	LF	41	524.00	21,484.00	95.00	48,780.00	136.00	71,264.00			136.00	136.00	71,264.00	100%
17	24" Reinforced Concrete Pipe Class IV	LF	341	81.00	27,621.00			341.00	27,621.00			341.00	341.00	27,621.00	100%
18	36" Precast Concrete Pipe Inlet	EA	4	3,850.00	15,400.00			4.00	15,400.00			4.00	4.00	15,400.00	100%
19	Manhole No. 2	EA	1	5,000.00	5,000.00			1.00	5,000.00			1.00	1.00	5,000.00	100%
20	Manhole No. 4	EA	1	6,039.00	6,039.00			1.00	6,039.00			1.00	1.00	6,039.00	100%
21	Rock Slope Protection (1/4 Ton Method B)	CY	205	56.00	11,480.00			205.00	11,480.00			232.20	232.20	13,003.20	113%



PROJECT: Mission Trail & Corydon Storm Drain Improvements SEDCO MDP Line E  
 County Project No.: 84-0498  
 Contract No. 05-06-014

Contractor: RCC General Engineering  
 Address: 3823 Ocean View Boulevard  
 City, State, Zip: Montrose, CA 91020



Estimate No. 8 Final Estimate  
 From: January 26, 2007  
 To: February 23, 2007

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract		Change Authorized		Total Authorized		This Estimate		Previous		% Auth.
					Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	
36	2' Concrete Cut-off Wall	LF	870	11.00	9,570.00	-123.50	-1,358.50	746.50	8,211.50	916.50	916.50	10,081.50	123%		
CO1	Quantity Adjustment to Item 16	LS	0	930.00	0.00	-1.00	-930.00	-1.00	-930.00	11,250.00	11,250.00	11,250.00	0%		
CO2	Add Trench Safety (Item 8)	LS	0	1.00	0.00	11,250.00	11,250.00	11,250.00	11,250.00	25,854.04	25,854.04	25,854.04	100%		
CO3	Replace Detector Loop, Add SWPPP, Removed AC	FA	0	1.00	0.00	25,854.04	25,854.04	25,854.04	25,854.04	116,548.07	116,548.07	116,548.07	100%		
CO4	Utility Delays, Pave AC, Regrade Channel & Misc.	FA	0	1.00	0.00	116,548.07	116,548.07	116,548.07	116,548.07	116,548.07	116,548.07	116,548.07	100%		
<b>PROJECT TOTAL</b>					603,000.00	198,470.01	799,470.01	126,184.07	811,122.81						

Made by William Jackson  
 Checked by \_\_\_\_\_  
 OK Const. Supv. \_\_\_\_\_

Working Days: 60  
 Days Added: 64  
 Subtotal: 124  
 Days Used: 124  
 % Time Elapsed: 100%

Start Date: 12-16-05  
 End Date: 6-29-06  
 % \$ Complete: 101%  
 Original Contract: \$603,000.00  
 Amended Contract: \$799,470.01

TOTAL VALUE OF WORK TO DATE: \$811,122.81  
 LESS RETENTION: 5% 40,556.14  
 TOTAL DUE TO DATE: \$770,566.67  
 LESS PREVIOUSLY INVOICED: 850,691.80  
 LESS LABOR NON COMPLIANCE: 0.00  
 TOTAL DUE THIS PAYMENT: \$119,874.87

**PAYMENT APPROVAL**

This Estimate Approved \_\_\_\_\_ Date: \_\_\_\_\_ for \_\_\_\_\_

George A. Johnson, Director of Transportation

*[Signature]*  
 RCC General Engineering

Quantities on This Estimate Approved \_\_\_\_\_ Date: 2/13/07

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

Account 527980

Project ZB40498E

Activity ID Z3500

Resource Type CNT

Signature \_\_\_\_\_

Date \_\_\_\_\_

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 / Other
4	\$138,669.07	Board Approval	\$196,470.01	23.00%	32.58%	Extra / Other

\$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