

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

324



FROM: TLMA - Transportation Dept.

SUBMITTAL DATE:
January 13, 2006

SUBJECT: Construction of Traffic Signal and Lighting, La Sierra Avenue at Lake Knoll Parkway, La Sierra area and Murrieta Road at Ridgemoor Road, Sun City area

RECOMMENDED MOTION: That the Board of Supervisors:

1. Accept the low bid of Hillcrest Construction of Corona, CA in the amount of \$620,286.00. Award the contract to that firm and authorize the Chairman of the Board to execute the contract documents; and
2. Amend the Transportation Improvement Program's project budget as proposed on Attachment "A;" and
3. Authorize the Auditor-Controller to amend the Transportation Department's FY 2005/06 budget as shown on Attachment "B."

BACKGROUND: By Minute Order dated September 27, 2005 (agenda item 3.55) the Board authorized the Clerk of the Board to advertise for the construction of traffic signal and lighting at the intersection of La Sierra Avenue and Lake Knoll Parkway in the La Sierra area and at the intersection of Murrieta Road at Ridgemoor Road in the Sun City

George A. Johnson

George A. Johnson
Director of Transportation

GAJ:sd

(Continued On Attached Page)

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 620,286.00	In Current Year Budget:	Partially
	Current F.Y. Net County Cost:	\$ 0.00	Budget Adjustment:	Yes
	Annual Net County Cost:	\$ 0.00	For Fiscal Year:	2005/2006

SOURCE OF FUNDS: West County DIF Signal Mitigation Funds, Signal Mitigation Program, District 3, Eastern Municipal Water District	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

Henry J. Brunel

Prev. Agn. Ref. | **District:** 1,3 | **Agenda Number:**

**ATTACHMENTS FILED
WITH THE CLERK OF THE BOARD**

3.31

FISCAL PROCEDURES APPROVED
 ROBERT E. BYRD, Auditor-Controller
 BY *Andrew* 1/12/06 Deputy

Departmental Concurrence

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

The Honorable Board of Supervisors

RE: Construction of Traffic Signal and Lighting, La Sierra Avenue at Lake Knoll Parkway, La Sierra area and Murrieta Road at Ridgemoor Road, Sun City area

January 13, 2006

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area of Riverside County. At the request of the Eastern Municipal Water District, an alternate bid schedule was added to the contract documents by addendum for the relocation of a water line which is in conflict with the project improvements at the intersection of Murrieta Road and Ridgemoor Road. Bids for the project were opened in the office of the Director of Transportation at 2:00 pm, Wednesday, November 9, 2005. One bid was received. The lowest and best bid was submitted by Hillcrest Contracting in the amount of \$620,286.00 for all schedules of work. The bid is \$232,849.00 (60.1%) more than the Engineer's Estimate.

Bids exceeded the Engineer's Estimate due to higher than estimated amounts bid for a number of individual bid items. The current construction and materials market is extremely volatile, and prices are escalating at an unusually fast and unpredictable rate. In addition to materials price increases, we attribute the high bid prices we are currently receiving to the saturated construction market in the Inland Empire. The demand on the local materials suppliers and contractors is at or may even exceed their capacity. This construction market makes construction cost estimating difficult. Although the single bid received is higher than was estimated at the time that the project was advertised, the Transportation Department is of the opinion that the total bid price is consistent with current market trends. The Transportation Department recommends award due to the need for the safety improvements, and because re-bidding may result in even higher bids.

The Eastern Municipal Water District has provided their concurrence to award their items of work, for which they will be financially responsible on a deposit basis. Construction of the waterline relocations by the County's contractor will improve construction coordination and potentially reduce the inconvenience to the public.

The contractor is qualified.

All costs associated with this agreement would be fully funded by West County DIF Signal Mitigation Funds, Signal Mitigation Program funds from the 3rd District, and Eastern Municipal Water District funds. Thus, no Net County Cost would be incurred as a result of this agreement. County Counsel has approved the agreement as to legal form.

Project Nos. B5-0354 and B4-0524.

Attachment "A"

Riverside County Transportation Department

Project: **Murritea Road and Ridgemoor Road (TRAFFIC SIGNAL AND LIGHTING PROJECT)**

Project No.(s): **B4-0524**

Project Costs and Budget

Activity	Incurring Costs	Projected Costs	Total Costs	Existing Budget	Proposed Budget
Preliminary Survey	19,472	528	20,000	23,000	20,000
Environmental	985	15	1,000	1,000	1,000
Design	32,578	422	33,000	40,000	33,000
Right-of-way					
Utilities	11,175	1,825	13,000	10,000	13,000
Construction		484,335	484,335	300,000	533,000
Construction Contingency 10%		48,434	48,434		
Signal Pole Equipment			25,000		25,000
Construction Engineering & Inspection 9.3%	4,900	40,100	45,000	36,000	45,000
Construction Survey 2.9%	2,415	11,585	14,000	12,000	14,000
Totals:	71,525	587,244	683,769	422,000	684,000

Project Funding

Code	Name	Existing Budget	Proposed Budget
366	Signal Supervisor District 3	442,000	641,052
839	Eastern Municipal Water District		42,948
Totals		442,000	684,000

Comments

ATTACHMENT B

Construction of Traffic Signal and Lighting La Sierra Avenue at Lake Knoll Parkway, La Sierra area Murrieta Road at Ridgemoor Road, Sun City area

Increase Estimated Revenues:

31690-313050000-790600	Contributions from Other County Funds	\$ 19,000
31630-313050000-777710	Signal Mitigation	<u>199,052</u>
		\$218,052
20000-313050000-778370	Interfund Project Cost	\$218,052
20000-313050000-781220	Contributions and Donations	<u>42,948</u>
		\$261,000

Increase Appropriations:

31690-3130500000-537280	Interfund-Misc Project Exp	\$ 19,000
31630-3130500000-537280	Interfund-Misc Project Exp	<u>199,052</u>
		\$218,052
20000-3130500000-527980	Contracts	\$261,000



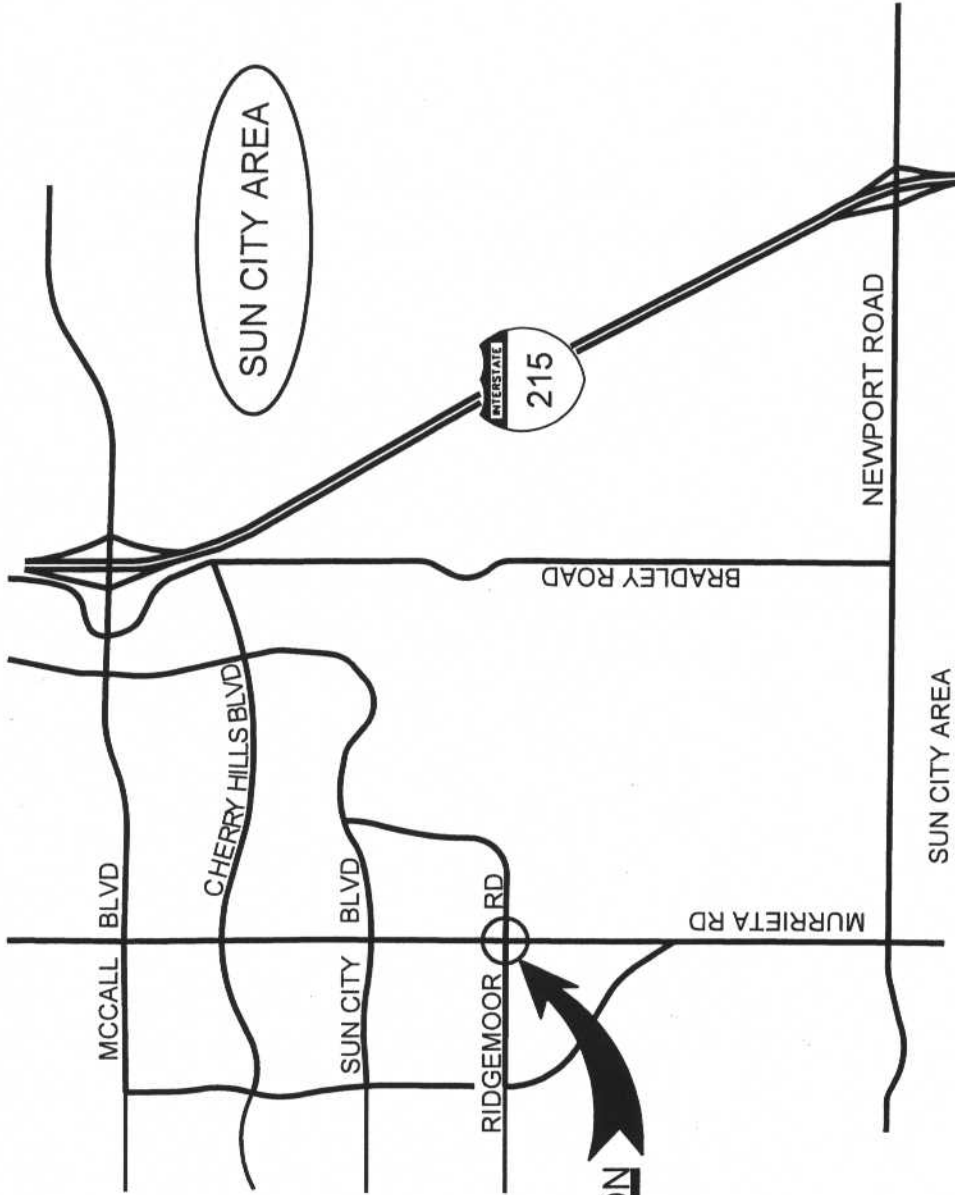
PROJECT LOCATION



NO SCALE



NOT TO SCALE



LOCATION MAP

T.5S., R.3W., SEC. 28-33

2004 THOMAS BROS. MAP PG. 838, A-7

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Traffic Signal and Lighting at
Murrieta Road and Ridgemoor Road
La Sierra Ave and Lake Knoll Pky
PROJECT NOS. B4-0524 and B5-0354**

**Advertised: September 27, 2005 (Agenda item: 3.55)
Bids Open: 2:00 pm Date: November 9, 2005**

Schedule 1: Murrieta Rd & Ridgemoor Rd		COUNTY'S ESTIMATE					Hillcrest Contracting Corona, CA 92878	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID	AMOUNT
1	860201	SIGNAL AND LIGHTING	LS	1	125,000.00	125,000.00	161,000.00	161,000.00
2	018603	EMERGENCY VEHICLE PRE-EMPTION	LS	1	10,000.00	10,000.00	11,000.00	11,000.00
3	120100	TRAFFIC CONTROL SYSTEM	LS	1	10,000.00	10,000.00	11,000.00	11,000.00
4	066102	DUST ABATEMENT	LS	1	1,000.00	1,000.00	2,600.00	2,600.00
5	074020	WATER POLLUTION CONTROL	FA	1	1,000.00	1,000.00	1,000.00	1,000.00
6	160101	CLEARING AND GRUBBING	LS	1	3,000.00	3,000.00	70,000.00	70,000.00
7	170101	DEVELOP WATER SUPPLY	LS	1	3,000.00	3,000.00	800.00	800.00
8	220101	FINISHING ROADWAY	LS	1	3,000.00	3,000.00	5,000.00	5,000.00
9	015101	CLASS B CONCRETE (COLLAR) (RCFC&WCDS M803)	EA	1	1,500.00	1,500.00	840.00	840.00
10	017004	CATCH BASIN (COMBINATION INLET) (CRS 301 - NO. 1)	EA	1	4,500.00	4,500.00	8,800.00	8,800.00
11	017005	CATCH BASIN (COMBINATION INLET) (CRS 302 - NO. 2)	EA	1	4,500.00	4,500.00	8,800.00	8,800.00
12	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	2	1,800.00	3,600.00	7,700.00	15,400.00
13	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	2	1,700.00	3,400.00	5,300.00	10,600.00
14	150827	REMOVE CATCH BASIN	LS	1	3,000.00	3,000.00	5,300.00	5,300.00
15	190101	ROADWAY EXCAVATION	CY	235	50.00	11,750.00	87.00	20,445.00
16	260201	CLASS 2 AGGREGATE BASE	CY	110	60.00	6,600.00	230.00	25,300.00
17	390102	ASPHALT CONCRETE (TYPE A)	TON	142	70.00	9,940.00	183.00	25,986.00
18	650018	24" REINFORCED CONCRETE PIPE	LF	108	100.00	10,800.00	206.00	22,248.00
19	650026	36" REINFORCED CONCRETE PIPE	LF	28	120.00	3,360.00	180.00	5,040.00
20	017305	MINOR CONCRETE (CURB AND GUTTER) (CRS 201)	LF	10	30.00	300.00	50.00	500.00
21	731521	MINOR CONCRETE (SIDEWALK)	SQFT	420	5.00	2,100.00	5.00	2,100.00
22	833088	TUBULAR HANDRAILING	LF	34	60.00	2,040.00	130.00	4,420.00
23	150717	REMOVE TRAFFIC STRIPE AND PAVEMENT MARKING	SQFT	3,605	1.00	3,605.00	2.60	9,373.00
24	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	1,395	4.00	5,580.00	2.40	3,348.00
25	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	6,290	0.30	1,887.00	0.30	1,887.00

**Riverside County Transportation Department
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PROJECT NOS. B4-0524 and B5-0354**

**Advertised: September 27, 2005 (Agenda item: 3.55)
Bids Open: 2:00 pm Date: November 9, 2005**

		COUNTY'S ESTIMATE							
Schedule 1: Murrieta Rd & Ridgemoor Rd									
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID	AMOUNT	
26	000003	PAINT RED CURB	LF	580	1.00	580.00	6.30	3,654.00	
27	566011	ROADSIDE SIGN - ONE POST	EA	22	200.00	4,400.00	155.00	3,410.00	
28	152390	RELOCATE ROADSIDE SIGN	EA	2	150.00	300.00	155.00	310.00	
29	151281	SALVAGE ROADSIDE SIGN	EA	7	100.00	700.00	60.00	420.00	
30	850102	PAVEMENT MARKER (REFLECTIVE)	EA	310	4.00	1,240.00	2.60	806.00	
					SCHEDULE 1 SUBTOTALS:		241,682.00		441,387.00

		COUNTY'S ESTIMATE							
Schedule 2: La Sierra Ave & Lake Knoll Pky									
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID	AMOUNT	
31	860201	SIGNAL AND LIGHTING	LS	1	93,500.00	93,500.00	106,000.00	106,000.00	
32	018603	EMERGENCY VEHICLE PRE-EMPTION	LS	1	8,000.00	8,000.00	8,500.00	8,500.00	
33	120100	TRAFFIC CONTROL SYSTEM	LS	1	2,500.00	2,500.00	5,000.00	5,000.00	
34	066102	DUST ABATEMENT	LS	1	1,000.00	1,000.00	1,300.00	1,300.00	
35	074020	WATER POLLUTION CONTROL	FA	1	1,000.00	1,000.00	1,000.00	1,000.00	
36	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	1	2,500.00	2,500.00	7,700.00	7,700.00	
37	518201	MASONRY BLOCK WALL (6' HIGH)	LF	50	100.00	5,000.00	105.00	5,250.00	
38	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	170	3.00	510.00	2.40	408.00	
39	150717	REMOVE TRAFFIC STRIPE AND PAVEMENT MARKING	SQFT	60	2.00	120.00	2.60	156.00	
40	566011	ROADSIDE SIGN - ONE POST	EA	2	200.00	400.00	155.00	310.00	
40A	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	500	1.00	500.00	0.30	150.00	
40B	850102	PAVEMENT MARKER (REFLECTIVE)	EA	45	5.00	225.00	2.60	117.00	
40C	151281	SALVAGE ROADSIDE SIGN	EA	1	100.00	100.00	60.00	60.00	
					SCHEDULE 2 SUBTOTALS:		115,355.00		135,951.00

Riverside County Transportation Department Summary of Bids

**PROJECT: Traffic Signal and Lighting at
Murrieta Road and Ridgemoor Road
La Sierra Ave and Lake Knoll Pky
PROJECT NOS. B4-0524 and B5-0354**

**Advertised: September 27, 2005 (Agenda item: 3.55)
Bids Open: 2:00 pm Date: November 9, 2005**

		COUNTY'S ESTIMATE						
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID	AMOUNT
41	000003	Furnish and Install 12-inch diameter CML & C steel pipeline (3/16-inch minimum steel cylinder wall thickness) for potable water line, including all necessary appurtenances, testing and sampling as shown on the contract drawings and specifications, complete and in place for the unit price per linear foot of	LF	33	250.00	8,250.00	510.00	16,830.00
42	000003	Furnish and Install all necessary appurtenances to relocate existing super fire hydrant per standard drawing B-516, including all necessary appurtenances as shown on the contract drawings and specifications, complete and in place of the unit price each of	EA	1	5,000.00	5,000.00	3,000.00	3,000.00
43	000003	Furnish and Install all necessary appurtenances to relocate existing water meter per EMWD standard drawings and specifications as shown on the contract drawings and specifications, complete and in place for the unit price each of	EA	2	1,500.00	3,000.00	4,400.00	8,800.00
44	000003	Furnish and Install all necessary appurtenances to tie-into existing 12-inch CML & C potable pipelines as shown on the contract drawings and specifications, complete and in place for the unit price each of	EA	2	1,500.00	3,000.00	4,800.00	9,600.00
45	000003	Adjust existing water valves to grade as shown on the contract drawings and specifications, complete and in place for the unit price each of	EA	10	450.00	4,500.00	150.00	1,500.00
46	000003	Provide all necessary appurtenances to double pass weld limit as shown on the contract drawings, EMWD standards and specifications, complete in place for the lump sum price of	LS	1	5,000.00	5,000.00	1,700.00	1,700.00
47	000003	Removal and disposal of existing 12-inch CML & C pipeline as shown on the contract drawing and specifications including backfilling, complete and in place for the unit price per linear foot of	LF	33	50.00	1,650.00	46.00	1,518.00
						SCHEDULE 1 SUBTOTALS:	30,400.00	42,948.00
						SCHEDULE 1 SUBTOTALS:	241,682.00	441,387.00
						SCHEDULE 2 SUBTOTALS:	115,355.00	135,951.00
						SCHEDULE 3 SUBTOTALS:	30,400.00	42,948.00
						TOTALS:	387,437.00	620,286.00

**ENCUMBRANCE INFORMATION
FOR BOARD OF SUPERVISORS APPROVED CONTRACTS
COUNTY OF RIVERSIDE**

B-PO NO.: **B**

BOS APPROVAL DATE: _____

AGENDA NUMBER: _____

DEPT: **Transportation**

DATE: November 17, 2005

BUDGET F.Y.: **2004 / 2005**

VENDOR NAME AND ADDRESS:

Hillcrest Contracting, Inc.
P.O. Box 1898
Corona, Ca. 92878-1898
(951) 273-9600

VENDOR CODE: _____

TRANS CODE: **PO**

TRANS DEPT: **3130500000**

DOCUMENT TOTAL: **\$ 620,286.00**

LINE NO.	FUND	DEPT.	ORG.	SUB ORG.	APPR. CODE	OBJECT	ACTIVITY	JOB/PROJECT	LINE AMOUNT
	20000								

NOTE:

Fund 20000 is exempt from encumbering construction contracts per agreement with A-C General Accounting Division. (Contact: Bob Barton Ext. 5-3843)

<input checked="" type="checkbox"/> Regular contract or <input type="checkbox"/> Blanket contract. If blanket: <input type="checkbox"/> Encumber, <input type="checkbox"/> Do not encumber. <input type="checkbox"/> Current year contract, or <input type="checkbox"/> Multi-year contract.	If multi-year contract, encumbrance amount for: First year \$ <u>N/A</u> Second year \$ _____ Third year \$ _____	CONTRACT DESCRIPTION: Construction of Traffic Signal and Lighting And Associated Intersection Improvements Murrieta Rd. & Ridgemoor Rd., Sun City area; B4-0524 La Sierra Ave. & Lake Knoll Pkwy, La Sierra area; B5-0354
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PREPARED BY: **Stan A. Dery**

DATE: **November 17, 2005**

APPROVED BY: _____

DATE: _____

PHONE: **(951) 955-6785**

A-C ENCUMBRANCE: _____

ENCUMBERED BY: _____