

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

837 A



**FROM:** TLMA - Transportation Dept.

**SUBMITTAL DATE:**  
March 12, 2007

**SUBJECT:** Construction of Traffic Signal, Roadway and Waterline Improvements, State Highway 79 at Anza Road, Anza area

**RECOMMENDED MOTION:** That the Board accept the low bid of Roadway Engineering and Contracting, Inc. of Riverside, CA in the amount of \$399,869.00. Award the contract to that firm and authorize the Chairman of the Board to execute the contract documents. Amend the Transportation Improvement Program's project budget as proposed on Attachment "A".

**BACKGROUND:** By Minute Order dated December 19, 2006 (agenda item 3.45) the Board authorized the Clerk of the Board to advertise for the construction of traffic signal and roadway improvements at the intersection of State Highway 79 and Anza Road in the Anza area of Riverside County. Bids for the project were opened in the office of the Director of Transportation at 2:00 pm, Wednesday, January 10, 2007. Three bids were received.

George A. Johnson  
Director of Transportation

GAJ:sd

(Continued On Attached Page)

<b>FINANCIAL DATA</b>	Current F.Y. Total Cost:	\$ 399,869	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> West County DIF Signal Mitigation Fund, Rancho California Water District				Positions To Be Deleted Per A-30 <input type="checkbox"/>
				Requires 4/5 Vote <input type="checkbox"/>

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

**County Executive Office Signature**

Policy  Policy

Consent  Consent

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

**Prev. Agn. Ref.** 12/19/2006 (3.45) | **District:** 3 | **Agenda Number:**

ATTACHMENTS FILED  
WITH THE CLERK OF THE BOARD

**3.33**

FORM APPROVED COUNTY COUNSEL

MAR 13 2007

Department of Transportation

The Honorable Board of Supervisors

RE: Construction of Traffic Signal, Roadway and Waterline Improvements, State Highway 79  
at Anza Road, Anza area

March 12, 2007

Page 2 of 2

The lowest and best bid was submitted by Roadway Engineering and Contracting, Inc. in the amount of \$399,869.00. The bid is \$4,743.00 (1.2%) more than the Engineer's Estimate, and within the target bid range. The contractor is qualified.

This location meets warrants for the construction of a traffic signal, which will provide protected traffic movements and improve traffic safety.

The County's 1/3 share of the annual traffic signal operation and maintenance costs is estimated at \$2,000, to be funded from gas tax.

The bid documents included an alternate bid schedule for the adjustment of a surface facility that is owned by the Rancho California Water District. The 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 utility adjustment by the County's contractor will improve construction coordination.

The Contractor has executed the contract and has provided bonds and insurance certificate documents which meet the requirements of the contract.

Project No. B4-0507.

# Attachment "A"

Riverside County Transportation Department

Project: **Route 79 South & at Anza Road; Install Traffic Signal**

Project No.(s): **B4-0507**

## Project Costs and Budget

Activity	Incurring Costs	Projected Costs	Total Costs	Existing Budget	Proposed Budget
Preliminary Survey	19,530	470	20,000	20,000	20,000
Environmental	78	922	1,000	1,000	1,000
Design	91,504	496	92,000	79,000	92,000
Right-of-way	960	40	1,000	2,000	1,000
Utilities	13,543	457	14,000	14,000	14,000
Construction		399,869	399,869	356,000	440,000
Construction Contingency	10.0%	39,987	39,987		
Signal Pole Equipment	25,783		25,783		25,783
Construction Engineering & Inspection	17.0%	10,681	57,297	36,000	68,000
Construction Survey	4.0%	15,995	15,995	15,000	16,000
<b>Totals:</b>	<b>162,079</b>	<b>515,532</b>	<b>677,611</b>	<b>523,000</b>	<b>677,783</b>

## Project Funding

Code	Name	Existing Budget	Proposed Budget
369	West County DIF Signal Mitigation Fund	523,000	674,703
842	Rancho California Water District		3,080
<b>Totals</b>		<b>523,000</b>	<b>677,783</b>

## Comments

**Form 11 Attachment**

**Contract/Lease/Purchase Summary Data**

**Contract (for Services)**

- Approval/Renewal
- Sole Source
- Personal Services
- Independent Contractor
- Other than Low Bid
- Change Order
- Public Works

**Lease**

- Approval/Renewal
- Multi-Year Lease
- Equipment
- Real Property
- Change Order

**Purchase (for Materials)**

- Sole Source
- Other than Low Bid
- Change Order

**Selection Committee Member Names (RFP's Only)**

<b>User Department:</b>	Transportation Department
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N/A

<b>Vendor/Lessor Name:</b>	Roadway Engineering and Contracting, Inc.
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**Minority Status:**

M    W    DV    None

<b>Vendor/Lessor Location:</b>	Riverside, Ca.
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**Local Preference Applied:**    Yes    No    N/A

**Local Preference Award Cost \$**  
(5% maximum preference)

**Local Preference FYTD: Cost \$**

**# of Orders**

**Applicable Board Policy #**

**Comments:**

**RFQ/RFP Process:**

Date Mailed:  
Response Date:  
# of Responses:  
# of Qualified Responses:

**Bidding Process:**

Bid Range:                                 \$ 399,869.00     To: \$ 497,197.40  
Local Bid Range:                                 N/A  
Responsive and  
Responsible Bid Range:     \$ 399,869.00     To: \$ 497,197.40

**Contract/Lease Renewals Only**

Existing Agreement Items

Proposed Agreement Items

1. Rates
2. Terms
3. Conditions
4. Legal Issues
5. Accountability
6. Utilities

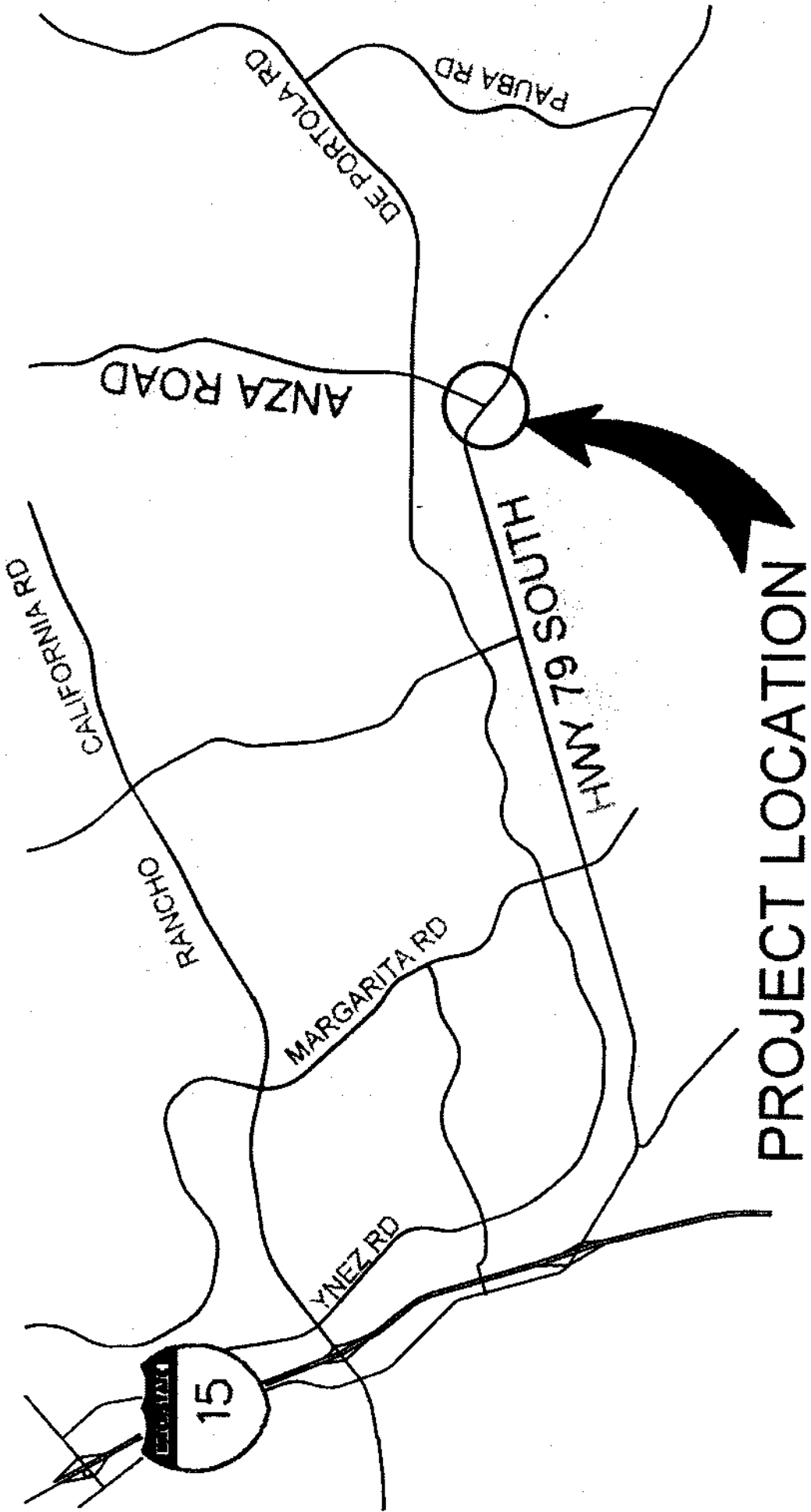
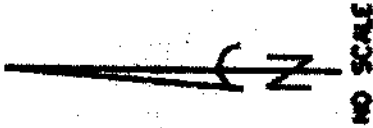
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**NOTE: COMPETITIVELY BID PUBLIC WORKS CONTRACT**

# LOCATION MAP

T.7S., R.3W., SEC. 24

2004 THOMAS BROS. MAP PG. 980, A-1



PROJECT LOCATION

**Riverside County Transportation Department  
Summary of Bids**

Advertised: December 19, 2006 Agenda Item (3.45)  
Bids Open: 2:00 pm Date: January 10, 2007

**PROJECT: Traffic Signal and Lighting**  
Intersection of Highway 79 South  
At Anza Road  
**PROJECT NO. B4-0507**

Base Bid		CONTRACT ITEM		UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID	AMOUNT
ITEM NO.	ITEM CODE								
1	860201	SIGNAL AND LIGHTING		LS	1	140,000.00	140,000.00	144,000.00	144,000.00
2	018603	EMERGENCY VEHICLE PRE-EMPTION		LS	1	8,200.00	8,200.00	8,600.00	8,600.00
3	010601	OBTAIN ENCROACHMENT PERMIT		FA	1	8,000.00	8,000.00	8,000.00	8,000.00
4	000003	FURNISH TRAFFIC SIGNAL EQUIPMENT FROM MANDATORY EQUIPMENT SOURCE		FA	1	15,000.00	15,000.00	15,000.00	15,000.00
5	120100	TRAFFIC CONTROL SYSTEM		LS	1	5,000.00	5,000.00	17,400.00	17,400.00
6	190100	ROADWAY EXCAVATION		M3	573	75.00	42,975.00	58.00	33,234.00
7	390102	ASPHALT CONCRETE (TYPE A)		TONN	409	210.00	85,890.00	114.00	46,626.00
8	731623	MINOR CONCRETE (CURB RAMP) (CALT. STD. A88A CASE "C")		EA	2	3,000.00	6,000.00	2,800.00	5,600.00
9	260201	CLASS 2 AGGREGATE BASE		M3	396	78.00	30,888.00	33.00	13,068.00
10	220101	FINISHING ROADWAY		LS	1	2,000.00	2,000.00	31,000.00	31,000.00
11	150620	REMOVE INLET		EA	1	750.00	750.00	850.00	850.00
12	160101	CLEARING AND GRUBBING		LS	1	3,000.00	3,000.00	1,000.00	1,000.00
13	664103	750 MM BITUMINOUS COATED CORRUGATED STEEL PIPE (1.63 MM THICK)		M	79	190.00	15,010.00	420.00	33,180.00
14	707050	DRAINAGE INLET (PIPE INLET) (CALTRANS STANDARD D75A)		EA	1	1,200.00	1,200.00	2,050.00	2,050.00
15	721607	CONCRETE ROCK SLOPE PROTECTION (1/4 TON, METHOD B)		M3	14	77.00	1,078.00	330.00	4,620.00
16	731623	MINOR CONCRETE (CURB RAMP) (CALT. STD. A88A CASE "A")		EA	1	3,000.00	3,000.00	3,600.00	3,600.00
17	731504	MINOR CONCRETE (CURB AND GUTTER) (CALT. STD. A87, TYPE A2-150)		M	89	100.00	8,900.00	110.00	9,790.00
18	074020	WATER POLLUTION CONTROL		FA	1	2,000.00	2,000.00	2,000.00	2,000.00
19	066102	DUST ABATEMENT		LS	1	2,000.00	2,000.00	1,300.00	1,300.00
20	150717	REMOVE TRAFFIC STRIPE AND PAVEMENT MARKING		M2	35	21.00	735.00	74.00	2,590.00
21	640519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING		M2	95	52.00	4,940.00	57.00	5,415.00
22	640656	PAINT TRAFFIC STRIPE (2-COAT)		M	2,100	1.60	3,360.00	0.86	1,806.00
23	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)		EA	6	150.00	900.00	137.00	822.00
24	568015	INSTALL SIGN (MAST-ARM HANGER METHOD)		EA	3	300.00	900.00	750.00	2,250.00
25	568011	ROADSIDE SIGN - ONE POST		EA	3	250.00	750.00	130.00	390.00
26	152390	RELOCATE ROADSIDE SIGN		EA	4	200.00	800.00	415.00	1,660.00
27	151281	SALVAGE ROADSIDE SIGN		EA	4	100.00	400.00	105.00	420.00
28	850102	PAVEMENT MARKER (REFLECTIVE)		EA	190	5.00	950.00	4.20	798.00
<b>BASE BID SUBTOTALS ITEMS 1-28:</b>							<b>394,626.00</b>		<b>397,069.00</b>
<b>Alternate   Bid:</b>		<b>CONTRACT ITEM</b>		<b>UNITS</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>ENG ESTIMATE</b>	<b>BID</b>	<b>AMOUNT</b>
29	152440	ADJUST MANHOLE TO GRADE		EA	1	500.00	500.00	2,800.00	2,800.00
<b>SUBTOTAL (ALTERNATE BID)</b>							<b>500.00</b>		<b>2,800.00</b>
<b>PROJECT TOTALS:</b>							<b>395,126.00</b>		<b>399,869.00</b>

**Riverside County Transportation Department  
Summary of Bids**

Advertised: December 19, 2006 Agenda Item (3.45)

Bids Open: 2:00 pm Date: January 10, 2007

**PROJECT: Traffic Signal and Lighting  
Intersection of Highway 79 South  
At Anza Road  
PROJECT NO. B4-0507**

Base Bid		Hillcrest Contracting Corona, CA 92878		Grand Pacific Contractors Mira Loma, CA 91752			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	AMOUNT	BID	AMOUNT
1	860201	SIGNAL AND LIGHTING	LS	1	144,000.00	157,200.00	157,200.00
2	018603	EMERGENCY VEHICLE PRE-EMPTION	LS	1	8,600.00	9,400.00	9,400.00
3	010801	OBTAIN ENCROACHMENT PERMIT	FA	1	8,000.00	8,000.00	8,000.00
4	000003	FURNISH TRAFFIC SIGNAL EQUIPMENT FROM MANDATORY EQUIPMENT SOURCE	FA	1	15,000.00	15,000.00	15,000.00
5	120100	TRAFFIC CONTROL SYSTEM	LS	1	19,000.00	50,000.00	50,000.00
6	190100	ROADWAY EXCAVATION	M3	573	59.00	33,807.00	79.00
7	390102	ASPHALT CONCRETE (TYPE A)	TONN	409	150.00	61,350.00	155.00
8	731623	MINOR CONCRETE (CURB RAMP) (CALT. STD. A88A CASE "C")	EA	2	3,500.00	7,000.00	3,800.00
9	260201	CLASS 2 AGGREGATE BASE	M3	396	60.00	23,760.00	72.00
10	220101	FINISHING ROADWAY	LS	1	38,000.00	38,000.00	10,000.00
11	150820	REMOVE INLET	EA	1	230.00	230.00	3,000.00
12	160101	CLEARING AND GRUBBING	LS	1	1,000.00	1,000.00	10,000.00
13	664103	750 MM BITUMINOUS COATED CORRUGATED STEEL PIPE (1.63 MM THICK)	M	79	420.00	33,180.00	485.00
14	707050	DRAINAGE INLET (PIPE INLET) (CALTRANS STANDARD D75A)	EA	1	2,000.00	2,000.00	3,500.00
15	721607	CONCRETE ROCK SLOPE PROTECTION (1/4 TON, METHOD B)	M3	14	330.00	4,620.00	205.00
16	731623	MINOR CONCRETE (CURB RAMP) (CALT. STD. A88A CASE "A")	EA	1	3,500.00	3,500.00	3,500.00
17	731504	MINOR CONCRETE (CURB AND GUTTER) (CALT. STD. A87, TYPE A2-150)	M	89	136.00	12,104.00	115.00
18	074020	WATER POLLUTION CONTROL	FA	1	2,000.00	2,000.00	2,000.00
19	066102	DUST ABATEMENT	LS	1	3,300.00	3,300.00	15,000.00
20	150717	REMOVE TRAFFIC STRIPE AND PAVEMENT MARKING	M2	35	37.00	1,295.00	34.50
21	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	M2	95	58.00	5,510.00	41.40
22	840656	PAINT TRAFFIC STRIPE (2-COAT)	M	2,100	1.30	2,730.00	1.25
23	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	6	184.00	1,104.00	189.75
24	568015	ROADSIDE SIGN - ONE POST	EA	3	336.00	1,008.00	368.00
25	566011	RELOCATE ROADSIDE SIGN	EA	3	315.00	945.00	450.80
26	152390	RELOCATE ROADSIDE SIGN	EA	4	210.00	840.00	143.75
27	151281	SALVAGE ROADSIDE SIGN	EA	4	55.00	220.00	51.75
28	850102	PAVEMENT MARKER (REFLECTIVE)	EA	190	5.25	997.50	6.90
<b>BASE BID SUBTOTALS ITEMS 1-28:</b>					<b>435,100.50</b>		<b>496,247.40</b>

Alternate 1 Bid:		Hillcrest Contracting Corona, CA 92878		Grand Pacific Contractors Mira Loma, CA 91752			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	AMOUNT	BID	AMOUNT
29	152440	ADJUST MANHOLE TO GRADE	EA	1	1,500.00	950.00	950.00
<b>SUBTOTAL (ALTERNATE BID)</b>					<b>1,500.00</b>		<b>950.00</b>
<b>PROJECT TOTALS:</b>					<b>436,600.50</b>		<b>497,197.40</b>

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

B-PO NO.: **B**

BOS APPROVAL DATE: \_\_\_\_\_

AGENDA NUMBER: \_\_\_\_\_

VENDOR NAME AND ADDRESS:  
**Roadway Engineering and Contracting, Inc.**  
**8861A Jurupa Rd.**  
**Riverside, Ca. 92509**  
**(951) 360-6834**

DEPT: **Transportation**

DATE: February 21, 2007

BUDGET F.Y.: **2006 / 2007**

VENDOR CODE: \_\_\_\_\_

TRANS CODE: **PO**

TRANS DEPT: **3130500000**

DOCUMENT TOTAL: **\$ 399,869.00**

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

**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:  <b>Traffic Signal and Roadway Improvements Route 79 and Anza Road Anza area Project no. B4-0507</b>
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PREPARED BY: **Stan A. Dery**

DATE: **February 21, 2007**

APPROVED BY: \_\_\_\_\_

DATE: \_\_\_\_\_

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

A-C ENCUMBRANCE: \_\_\_\_\_

ENCUMBERED BY: \_\_\_\_\_