

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

308



FROM: TLMA – Transportation Department

SUBMITTAL DATE:
October 9, 2013

SUBJECT: Notice of Completion – River Road Bridge Replacement and Road Improvements Project Crossing the Santa Ana River, 2nd/2nd District [\$38,304,417, Federal Funds 79.98%, State Funds .04%, Local Funds 19.98%]

RECOMMENDED MOTION: That the Board of Supervisors execute and file the attached “Notice of Completion.”

BACKGROUND:

Summary

By Minute Order 3-34 of December 23, 2008, the Board of Supervisors (Board) entered into a contract with Sukut-Meyers Joint Venture of Santa Ana, CA for the bridge replacement project and road improvements on River Road crossing the Santa Ana River in the Norco/Eastvale area.

Juan C. Perez
Director of Transportation and Land Management

Departmental Concurrence

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (Per Exec. Office)
COST	\$ 0.00	\$ 0.00	\$ 38,304,417	\$ 0.00	Consent <input type="checkbox"/> Policy <input checked="" type="checkbox"/>
NET COUNTY COST	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	

SOURCE OF FUNDS: HBRR [Federal] (79.98%), Prop 1B (0.04%), SSR [State] (0.05%), Measure A/Western (2.97%), Mira Loma RBBB/TUMF (6.63%), DIF AP5 Major Improvement Fund – Eastvale area (3.94%), City of Norco (0.88%), WRCRWA (3.01%), Western MWD (2.50%) There are no General Funds used in this project.	Budget Adjustment: No
	For Fiscal Year: 2013-2014

C.E.O. RECOMMENDATION:

APPROVE

BY:

Tina Grande

County Executive Office Signature

MINUTES OF THE BOARD OF SUPERVISORS

- A-30
- 4/5 Vote
- Positions Added
- Change Order

Prev. Agn. Ref.: 12/23/08, 3-34; 10/7/09, 3-46; 3/11/10, 3-75; 10/21/10, 3-54; 6/5/13, 3-34

District: 2/2

Agenda Number:

3-48

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

FORM 11: Notice of Completion – River Road Bridge Replacement and Road Improvements Project

Crossing the Santa Ana River, 2nd/2nd District [\$38,304,417, Federal Funds 79.98%, State Funds .04%, Local Funds 19.98%]

DATE: October 9, 2013

PAGE: 2 of 3

BACKGROUND:

Summary (continued)

The originally authorized amount of the contract was \$35,362,683. The total amended contract is \$38,304,417 with twenty-five (25) contract change orders, which is 8.3% more than the originally authorized amount. During the construction of the Project, staff requested Board approval for four (4) significant contract change orders that accounted for approximately \$2,466,419 (7%) of the \$3,215,732 in change order costs. These contract change orders were as follows:

- Contract Change Order No. 3 in the amount of \$375,905 (1%) provided for the installation of soil stabilization at areas of the approach roadways on the north and south sides of the new bridge due to existing unsuitable underlying soil conditions. The existing underlying soil conditions were not discovered during the design period because of environmental constraints during the soil evaluation process.
- Contract Change Orders No. 5 and No. 5S1 in the combined amount of \$615,514 (1.7%) provided for the construction of a temporary bypass for the existing 30" sewer force main in conflict with the proposed concrete box culvert at the north end of the project. The location of the existing 30" sewer force main was not properly identified on any of the existing as-built utility plans provided by the Western Riverside County Regional Wastewater Authority (WRCRWA) during the design stage; and, therefore, the conflict was not discovered until construction began. This change order cost was recovered from WRCRWA in accordance with the cooperative agreement.
- Contract Change Order No. 17 in the amount of \$1,475,000 (4.2%) provided compensation to the contractor to resolve five (5) outstanding notices of potential claims for extra costs incurred by the contractor related to delays associated with the completion and acceptance of various components of the 30" sewer force main constructed on behalf of WRCRWA within the bridge superstructure. The effects of these delays extended the construction contract through an additional and severe winter season in which major storms caused significantly high flows in the Santa Ana River, resulting in delays to the project and additional costs incurred by the contractor to accelerate and protect the project from damage. A portion of this cost in cash and credits was subsequently recovered from WRCRWA as settlement to a dispute between the County of Riverside and WRCRWA.
- A brief summary of all change orders is shown in the table below:

This work was completed at the direction of the Department of Transportation on May 23, 2011, and was inspected by a consultant construction manager, Falcon Engineering Services, Work Order A7-0298.

Impact on Citizens and Businesses

This project replaced an aging, inadequate bridge and created a true all-weather crossing with increased capacity on River Road between the Corona/Norco area to the Ontario/Eastvale area. The capacity increased from one (1) lane in each direction to two (2) lanes in each direction and additionally provided for protected pedestrian and equestrian access across the Santa Ana River. This ensures that commuters and commerce will have necessary access across the Santa Ana River during times of inclement weather.

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

FORM 11: Notice of Completion – River Road Bridge Replacement and Road Improvements Project

Crossing the Santa Ana River, 2nd/2nd District [\$38,304,417, Federal Funds 79.98%, State Funds .04%, Local Funds 19.98%]

DATE: October 9, 2013

PAGE: 3 of 3

SUPPLEMENTAL:

Additional Fiscal Information

Budget

Original Contract Amount		\$35,362,683.10
Total Change Orders Authorized	9.1%	\$3,215,732.79
Estimated Pending Change Orders	0.0%	\$0.00
Amended Contract Amount		\$38,578,415.89
* Quantity Adjustments	-0.8%	(\$273,998.52)
+ CCO FA Adjustments	0.0%	\$0.00
Total Amended Contract Amount	108.3%	\$38,304,417.37

Expenditures

Total Progress Payments		\$38,304,417.37
Estimated Pending Payments		\$0.00
Total Expenditures		\$38,304,417.37

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

The River Road Bridge project was funded with \$30,635,872 of Federal Highway Bridge Replacement and Rehabilitation (HBRR) funds, \$2,539,583 of Mira Loma Road and Bridge Benefit District (RBBD) funds (the Transportation Department will be seeking reimbursement from Western Regional Council of Governments Transportation Uniform Mitigation fee to repay the RBBD funds used), \$15,322 of State Proposition 1B funds, \$19,152 of Seismic Safety Retrofit funds, \$1,137,641 of Measure A funds, \$1,509,194 of Developer Impact fees (DIF), \$337,079 from the City of Norco, \$1,152,963 from Western Riverside County Regional Wastewater Authority (WRCRWA), and \$957,610 from Western Municipal Water District (MWD).

Contract History and Price Reasonableness

N/A

ATTACHMENTS:

A. Change Order Report

CHANGE ORDER REPORT
(River Road Bridge Replacement and Road Improvements Project)

CCO	Amount	Percent	CCO Description
	Original Contract Amount \$35,362,683.10		
1, 1S1, 1S2	\$ 145,000.00	0.41%	Providing traffic control, additional signage, crash cushions, improved detours, flagging, closures, speed signs, miscellaneous work, and safety
2, 2S1, 2S2, 2S3	\$ 94,173.02	0.27%	Installing exclusion devices, nesting prevention measures, and nest removal
3	\$ 375,904.76	1.06%	Soil remedial work
4, 4S1, 4S2	\$ 120,491.63	0.35%	Installation of temporary signals, additional traffic control, and signal modifications
5, 5S1	\$ 615,514.32	1.74%	Temporary bypass for the 30" sewer force main – WRRCRWA to pay
6	\$ 82,079.62	0.23%	Drainage system modifications
7	\$ 52,643.73	0.15%	Asphalt concrete repair, relocating water line
8	\$ (176,040.00)	-0.50%	Deleting concrete staining and anti-graffiti treatment
9	\$ 18,617.94	0.05%	Pumping flooded River Road alignment due to flooding during the months of January and February, 2010
10	\$ 30,000.00	0.08%	Time impact delays associated with sewer force main seat supports
11	\$ 20,000.00	0.06%	Dispute Review Board cost
12	\$ 22,577.28	0.06%	Lowering AT&T conduit conflicting with storm drain and removal of asbestos conduits in the existing bridge on behalf of and paid for by AT&T
13	\$ 113,338.37	0.32%	Modifications to various facilities necessary due to existing conflicting utilities not shown on the plans
14	\$ 17,570.62	0.05%	Fabricated a special 30" joint section for existing pipe from circular to elliptical
15	\$ 84,841.43	0.24%	Repair damages sustained during winter storms
16	\$ 124,020.07	0.35%	Various items, constructing an asphalt concrete dike, addressing other erosion control issues
17	\$ 1,475,000.00	4.17%	Claim settlement for five (5) notices of potential claims of extra costs incurred in the maintenance of the project site for an extended duration and costs for impacts as a result of issues with 30" sewer line
Quantity Adjustments	\$ (273,998.52)	-0.77%	
Change Order Total and New Contract Total	\$38,304,417.37		

PLEASE COMPLETE THIS INFORMATION
RECORDING REQUESTED BY:

**KECIA HARPER-IHEM, CLERK OF THE BOARD
RIVERSIDE CO. CLERK OF THE BOARD
4080 LEMON STREET, 1ST FLOOR CAC
P O BOX 1147 – RIVERSIDE, CA 92502
MAIL STOP # 1010**

AND WHEN RECORDED MAIL TO:
RETURN TO: STOP #1010
RIVERSIDE COUNTY CLERK OF THE BOARD
P. O. BOX 1147 – RIVERSIDE, CA 92502

THIS SPACE FOR RECORDERS USE ONLY

NOTICE OF COMPLETION

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: River Road Bridge Replacement Project and Road Improvements

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: Sukut-Meyers Joint Venture

Street or legal description of site: River Road Crossing the Santa Ana River

Dated: _____

Owner: County of Riverside
(Name of Public Entity)

By: _____
Chairman, Board of Supervisors

STATE OF CALIFORNIA)
COUNTY OF RIVERSIDE) ss

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)

_____, Chairman of the Board of Supervisors

TAW 5468

PROJECT: River Road Bridge Replacement Project
 County Project No.: A7-0298, BRLS - 698 (078), B9-0982, B9-0983, B9-0984
 Contract No.: 08-12-004

Contractor: Sublet-Myers, Joint Venture
 Address: 4610 W. Chandler Ave
 City, State, Zip: Santa Ana, CA 92704

Estimate No. 35 Final
 From: May 28, 2011
 To: June 26, 2012

Voucher No. 303162
 Jose Gutierrez (5-3254)

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Authorized	This Estimate	Previous	Total Estimate To Date	% Auth.
PROJECT TOTAL										
					35,362,683.10	3,215,732.79	38,578,415.89	1,495,106.75	38,304,417.36	

Made by: Wael Faqih
 Checked by: OK Const. Supv. [Signature]

Working Days: 500
 Days Added: 59
 Subtotal: 559
 Days Used: 607
 % Time Elapsed: 109%

Start Date: 1-12-09
 End Date: 5-23-11
 % \$ Complete: 99%

Original Contract: \$35,362,683.10
 Amended Contract: \$38,578,415.89

TOTAL VALUE OF WORK TO DATE: \$38,304,417.37
 LESS RETENTION: 0%
 TOTAL DUE TO DATE: \$38,304,417.37
 LESS PREVIOUSLY INVOICED: 36,809,310.62
 LESS LABOR NON COMPLIANCE: 0.00
 TOTAL DUE THIS PAYMENT: \$1,495,106.75

This Estimate Approved [Signature] for: Juan C. Perez, Director of Transportation and Land Management
 Date: 7/15/12

Received by Accounts Payable: _____
 By: _____

TRANSFISCAL APPROVED
 By: Crystal DiMatteo 5-3461
 JUL 16 2012

Quantity on This Estimate Approved [Signature] Sublet-Myers, Joint Venture
 Date: 7/15/12

TLMA
 AUG 01 2012
 Approved
 Robert Brooks (5-3243)

RECEIVED
 JUL 16 2012
 TLMA - PURCHASING

PAYMENT APPROVAL
 Fund 2000
 Dept ID 31305
 Account 527980
 Project Z A7-0298 E
 Activity ID Z 3500
 Resource Type CNT
 Signature [Signature]
 Date 7/16/12

RECEIVED
 JUL 16 2012

LINE DESC: 05/26 - CIV 125/12
 EST 35 FINAL

RECEIVED
 JUL 16 2012

COUNTY OF RIVERSIDE
 TRANSPORTATION DEPT.
 ACCOUNTING

PROJECT: River Road Bridge Replacement Project
 County Project No.: A7-0298, BRLS - 5956 (079), B9-0982, B9-0983, B9-0984
 Contract No.: 09-12-004

Contractor: Sukut-Myers, Joint Venture
 Address: 4010 W. Chandler Ave
 City, State, Zip: Santa Ana, CA 92704

Estimate No. 36 Final
 From: May 26, 2011
 To: June 26, 2012



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		Previous		% Auth
										Quantity	Amount	Quantity	Amount	
Work Order A7-0298 Bridge Replacement (Base Bid)														
1	Clearing and Grubbing	LS	1	347,000.00	347,000.00			1.00	347,000.00	1.00	1.00	1.00	347,000.00	100%
2	Roadway Excavation	CY	92,604	5.65	523,212.60			92,604.00	523,212.60	92,604.00	92,604.00	92,604.00	523,212.60	100%
3 (F)	Imported Burrow	CY	123,255	4.30	529,996.50			123,255.00	529,996.50	123,255.00	123,255.00	123,255.00	529,996.50	100%
4	Subgrade Enhancement Fabric (Primary Embankment Reinforcement)	SQYD	106,450	4.00	425,800.00			106,450.00	425,800.00	102,605.00	102,605.00	102,605.00	410,420.00	96%
5	Subgrade Enhancement Fabric (Secondary Embankment Reinforcement)	SQYD	13,350	0.01	133.50			13,350.00	133.50	1,151.10	1,151.10	1,151.10	11.51	9%
6	Remove Asphalt Concrete Dike	LF	2,250	3.50	7,875.00			2,250.00	7,875.00	2,812.50	2,812.50	2,812.50	9,843.75	125%
7	Remove Concrete (Curb and Gutter)	LF	220	2.20	484.00			220.00	484.00	216.00	216.00	216.00	475.20	98%
8	Remove Concrete (Rolled Curb and Gutter)	LF	180	2.70	486.00			180.00	486.00	175.00	175.00	175.00	472.50	97%
9	Remove Concrete (Drainage Facilities) & CCO 13	LS	1	63,700.00	63,700.00	-0.24	-15,000.00	0.76	48,700.00	0.76	0.76	0.76	48,700.00	100%
10	Asphalt Concret (Type A) [Hot Mix Asphalt]	TON	22,213	82.50	1,832,572.50			22,213.00	1,832,572.50	22,213.00	22,213.00	22,213.00	1,832,572.50	100%
11	Class 2 Aggregate Base	CY	3,475	47.00	163,325.00			3,475.00	163,325.00	3,475.00	3,475.00	3,475.00	163,325.00	100%
12	Class 3 Aggregate Subbase	CY	294	52.00	15,288.00			294.00	15,288.00	294.00	294.00	294.00	15,288.00	100%
13	Concrete Pavement (Joint Plain)	CY	1,251	275.00	344,025.00			1,251.00	344,025.00	1,251.00	1,251.00	1,251.00	344,025.00	100%
14	Asphalt Rubber Hot Mix (Type G)	TON	466	125.00	58,250.00			466.00	58,250.00	466.00	466.00	466.00	58,250.00	100%
15	Minor Concrete (Curb Ramp) (Case A)	EA	4	2,530.00	10,120.00			4.00	10,120.00	4.00	4.00	4.00	10,120.00	100%
16	Minor Concrete (Sidewalk)	SQFT	5,856	4.60	26,937.60			5,856.00	26,937.60	5,856.00	5,856.00	5,856.00	26,937.60	100%
17	Minor Concrete (Curb and Gutter) (CRS 200)	LF	2,919	17.00	49,623.00			2,919.00	49,623.00	2,918.00	2,918.00	2,918.00	49,623.00	100%
18	Minor Concrete (Curb)	LF	849	17.00	14,433.00			849.00	14,433.00	849.00	849.00	849.00	14,433.00	100%
19	Minor Concrete (Driveway Approach)	EA	1	2,380.00	2,380.00			1.00	2,380.00	1.00	1.00	1.00	2,380.00	100%
20	Minor Concrete (Stamped Concrete)	SQFT	702	7.60	5,335.20			702.00	5,335.20	702.00	702.00	702.00	5,335.20	100%
21	Place Asphalt Concrete Dike (Type F)	LF	1,512	5.20	7,862.40			1,512.00	7,862.40	1,837.00	1,837.00	1,837.00	9,552.40	121%
22	Place Asphalt Concrete Dike (Type C)	LF	260	5.20	1,352.00			260.00	1,352.00	83.00	83.00	83.00	431.60	32%
23	Place Asphalt Concrete Dike (Type A)	LF	822	5.20	4,274.40			822.00	4,274.40	910.00	910.00	910.00	4,732.00	111%
24	18" Reinforced Concrete Pipe [2000 D]	LF	668	60.00	40,080.00			668.00	40,080.00	682.09	682.09	682.09	40,925.40	102%
25	24" Reinforced Concrete Pipe [1500 D]	LF	598	54.00	32,292.00			598.00	32,292.00	598.00	598.00	598.00	32,292.00	100%
26	36" Reinforced Concrete Pipe [1500 D]	LF	157	95.00	14,915.00			157.00	14,915.00	157.00	157.00	157.00	14,915.00	100%
27	60" Reinforced Concrete Pipe [1000 D] & CCO 13	LF	144	150.00	21,600.00	-43.00	-6,450.00	101.00	15,150.00	121.00	121.00	121.00	18,150.00	120%

35 Final
May 25, 2011
June 25, 2012

Estimate No.
From:
To:

Contractor:
Address:
City, State, Zip:

Project: River Road Bridge Replacement Project
County Project No.: A7-0298, BRLS - 6586 (076), B9-0982, B9-0983, B9-0984
Contract No.: 08-12-004

Shakti-Myers, Joint Venture
4010 W. Chandler Ave
Santa Ana, CA 92704

Original Contract Amount
Change Authorized Quantity
Change Authorized Amount
Total Authorized Quantity
Total Authorized Amount
This Estimate Quantity
This Estimate Amount
Previous Quantity
Previous Amount
Total Estimate To Date Quantity
Total Estimate To Date Amount
% Auth.

Item No.

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

Previous Amount

Total Estimate To Date Quantity

Total Estimate To Date Amount

% Auth.

Item Description

LF

334

200.00

66,800.00

334.00

66,800.00

334.00

66,800.00

100%

72" Reinforced Concrete Pipe [1200 D]

LF

60

48.00

2,880.00

60.00

2,880.00

60.00

2,880.00

100%

18" Corrugated Steel Pipe (10 Gauge)

LF

30

48.00

1,380.00

30.00

1,380.00

30.00

1,380.00

100%

24" Corrugated Steel Pipe (12 Gauge)

LF

23

115.00

2,645.00

23.00

2,645.00

23.00

2,645.00

125%

54" Corrugated Steel Pipe (10 Gauge)

EA

1

255.00

255.00

1.00

255.00

1.00

255.00

100%

18" Steel Flared End Section

EA

2

310.00

620.00

2.00

620.00

2.00

620.00

100%

24" Steel Flared End Section

EA

1

1,660.00

1,660.00

1.00

1,660.00

1.00

1,660.00

100%

Miscellaneous Facilities (Inlet Type X)

CY

1

610.00

610.00

1.00

610.00

1.00

610.00

100%

Minor Concrete [Concrete Bulkhead]

CY

5

1,830.00

9,150.00

5.00

9,150.00

5.00

9,150.00

100%

Minor Concrete [Concrete Collar]

CY

16

410.00

6,560.00

16.00

6,560.00

16.00

6,560.00

100%

Minor Concrete [Local Depression]

LS

1

25,800.00

25,800.00

1.00

25,800.00

1.00

25,800.00

100%

Minor Concrete (Minor Structure) [Energy Dissipator]

CY

200

760.00

152,000.00

200.00

152,000.00

200.00

152,000.00

100%

Class 2 Concrete [Box Culvert and Wingwall]

EA

5

5,000.00

25,000.00

4.00

20,000.00

4.00

25,000.00

100%

Minor Concrete (Minor Structure)[Catch Basin, L=10'] & CCO

EA

3

7,210.00

21,630.00

1.00

7,210.00

1.00

7,210.00

100%

Minor Concrete (Minor Structure)[Catch Basin, L=14'] & CCO 13

EA

1

8,030.00

8,030.00

1.00

8,030.00

1.00

8,030.00

100%

Minor Concrete (Minor Structure)[Catch Basin, L=26']

EA

14

2,620.00

36,680.00

14.00

36,680.00

14.00

36,680.00

100%

Minor Concrete (Minor Structure)[Drainage Inlet Type GDO

EA

3

3,710.00

11,130.00

3.00

11,130.00

3.00

11,130.00

100%

Minor Concrete (Minor Structure)[Manhole No.1]

EA

4

4,740.00

18,960.00

4.00

18,960.00

4.00

18,960.00

100%

Minor Concrete (Minor Structure)[Manhole No.2]

EA

2

5,230.00

10,460.00

2.00

10,460.00

2.00

10,460.00

100%

Minor Concrete (Minor Structure) [Manhole No. 4]

CY

2

2,000.00

2,000.00

2.00

2,000.00

2.00

2,000.00

100%

Minor Concrete [Concrete Headwall]

LBS

47,585

1.08

51,391.80

47,585.00

51,391.80

47,585.00

51,391.80

100%

Bar Reinforcing Steel [Box Culvert and Wingwall]

CY

13,901

41.50

576,891.50

13,901.00

576,891.50

13,901.00

576,891.50

100%

Rock Slope Protection (Light, Method B)

CY

6,705

48.50

325,192.50

6,705.00

325,192.50

6,705.00

325,192.50

100%

Rock Slope Protection (1/4 Ton, Method B)

CY

2,540

78.00

198,120.00

2,540.00

198,120.00

2,540.00

198,120.00

100%

Rock Slope Protection (Backing No. 2, Method B)

CY

4

330.00

1,320.00

4.00

1,320.00

4.00

1,320.00

100%

Rock Slope Protection (Backing No. 3, Method B)

CY

1,988

100.00

198,800.00

1,988.00

198,800.00

1,988.00

198,800.00

100%

Concrete-Rock Slope Protection (Light, Method B)

CY

48

709.00

34,032.00

48.00

34,032.00

48.00

34,032.00

0%

Slope Paving (Concrete)

PROJECT: River Road Bridge Replacement Project
 County Project No.: A7-0298, BRLS - 5965 (076), BS-0982, BS-0983, BS-0984
 Contract No.: 08-12-004

Contractor: Sukout Myers, Joint Venture
 Address: 4010 W. Chandler Ave
 City, State, Zip: Santa Ana, CA 92704

Estimate No. 33 Final
 From: May 26, 2011
 To: June 25, 2012

Item No.	Units	Item Description	Quantity	Unit Price	Original Contract		Change Authorized		This Estimate		Previous Quantity	Total Estimate To Date		% Auth.
					Amount	Quantity	Amount	Quantity	Amount	Quantity		Amount	Quantity	
55	SQFT	Sheet Piling	82,610	40.66	3,358,922.60	82,610.00		3,358,922.60	82,610.00	82,610.00	82,610.00	3,358,922.60	100%	
56	SQYD	Rock Slope Protection Fabric	25,966	2.20	57,125.20	25,966.00		57,125.20	26,134.67	26,134.67	26,134.67	57,436.27	101%	
57	LF	Trail Fencing	2,157	16.00	34,512.00	2,157.00		34,512.00	2,172.00	2,172.00	2,172.00	34,752.00	101%	
58	EA	Pipe Gate (10', 16')	2	3,110.00	6,220.00	2.00		6,220.00	2.00	2.00	2.00	6,220.00	100%	
59	LF	Metal Beam Guard Railing (Wood Post)	1,676	20.00	33,520.00	1,676.00		33,520.00	1,712.50	1,712.50	1,712.50	34,250.00	102%	
60	EA	Terminal System (Type SRT) [Metal Beam]	4	5,180.00	20,720.00	4.00		20,720.00	4.00	4.00	4.00	20,720.00	100%	
61	LF	Transition Railing (Type WB) [Metal Beam]	4	3,110.00	12,440.00	4.00		12,440.00	4.00	4.00	4.00	12,440.00	100%	
62	EA	Terminal System (Type ET) [Metal Beam]	2	3,110.00	6,220.00	2.00		6,220.00	2.00	2.00	2.00	6,220.00	100%	
63	LF	Concrete Barrier (Type 60) [On Trench Footing]	2,200	180.00	396,000.00	2,200.00		396,000.00	2,200.00	2,200.00	2,200.00	396,000.00	100%	
64	EA	Remove Roadside Sign (Wood Post)	4	155.00	620.00	4.00		620.00	4.00	4.00	4.00	620.00	100%	
65	LF	Remove Metal Beam Guard Railing	1,280	10.00	12,800.00	1,280.00		12,800.00	1,312.00	1,312.00	1,312.00	13,120.00	103%	
66	LF	Temporary Fence (Type ESA)	6,750	8.00	54,000.00	6,750.00		54,000.00	6,767.00	6,767.00	6,767.00	54,136.00	100%	
67	SQFT	Erosion Control (Type D)	53,856	0.10	5,385.60	53,856.00		5,385.60	53,856.00	53,856.00	53,856.00	5,385.60	100%	
68	LS	Irrigation System	1	35,000.00	35,000.00	1.00		35,000.00	1.00	1.00	1.00	35,000.00	100%	
69	LS	Water Pollution Control	1	133,000.00	133,000.00	1.00		133,000.00	1.00	1.00	1.00	133,000.00	100%	
70	LS	Modify Signal [Bluff Street]	1	100,000.00	100,000.00	1.00		100,000.00	1.00	1.00	1.00	100,000.00	100%	
71	LS	Signing and Striping	1	21,900.00	21,900.00	1.00		21,900.00	1.00	1.00	1.00	21,900.00	100%	
72	TON	Temporary Hot Mix Asphalt Type A, For Staged Construction	1,948	101.00	196,748.00	1,948.00		196,748.00	934.02	934.02	934.02	94,336.02	48%	
73	LF	Concrete Barrier (Type K) [Portable]	9,700	4.90	47,530.00	9,700.00		47,530.00	9,980.00	9,980.00	9,980.00	48,902.00	103%	
74	CY	Temporary Aggregate Base Class 2 For Stage Construction	300	55.00	16,500.00	300.00		16,500.00	300.00	300.00	300.00	16,500.00	100%	
75	LS	Traffic Control System	1	198,000.00	198,000.00	1.00		198,000.00	1.00	1.00	1.00	198,000.00	100%	
76	LS	Temporary Shoring	1	335,000.00	335,000.00	1.00		335,000.00	1.00	1.00	1.00	335,000.00	100%	
77	LS	Progress Schedule (Critical Path Method)	1	11,100.00	11,100.00	1.00		11,100.00	1.00	1.00	1.00	11,100.00	100%	
78	LS	Course of Construction Insurance	1	660,000.00	660,000.00	1.00		660,000.00	1.00	1.00	1.00	660,000.00	100%	
79	LS	Develop Water Supply	1	29,500.00	29,500.00	1.00		29,500.00	1.00	1.00	1.00	29,500.00	100%	
80	LS	Resident Engineers Office	1	69,700.00	69,700.00	1.00		69,700.00	1.00	1.00	1.00	69,700.00	100%	
81	FA	Removing Existing 2 to 4 Ton Boulders	100,000	1.00	100,000.00	100,000.00		100,000.00	20,106.75	20,106.75	100,000.00	120,106.75	120%	

PROJECT: River Road Bridge Replacement Project
County Project No.: AT-0296, BRLS - 6856 (076), BS-0982, BS-0983, BS-0984
Contract No.: BS-12-004
Contractor: Sukut-Myers, Joint Venture
Address: 4810 W. Chandler Ave
City, State, Zip: Santa Ana, CA 92704
Estimate No.: 35 Final
From: May 26, 2011
To: June 25, 2012

Item No.	Units	Item Description	Quantity	Unit Price	Original Contract		Change Authorized		This Estimate		Previous		Total Estimate To Date	Amount	% Auth.
					Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity			
82	CY	Structure Excavation (Type A)	4,415	231.00	1,019,865.00	4,415.00	1,019,865.00	4,415.00	1,019,865.00	4,415.00	1,019,865.00	4,415.00	1,019,865.00	100%	
83	CY	Structure Excavation (Type D)	1,535	12.00	18,420.00	1,535.00	18,420.00	1,535.00	18,420.00	1,535.00	18,420.00	1,535.00	18,420.00	100%	
84	CY	Structure Backfill (Bridge)	2,900	12.00	34,800.00	2,900.00	34,800.00	2,900.00	34,800.00	2,900.00	34,800.00	2,900.00	34,800.00	100%	
85	LF	Furnish Steel Piling (HP 14X117)	18,960	87.00	1,649,520.00	18,960.00	1,649,520.00	18,960.00	1,649,520.00	18,960.00	1,649,520.00	18,960.00	1,649,520.00	103%	
86	EA	Drive Steel Pile (HP 14X117)	336	1,411.00	474,096.00	336.00	474,096.00	336.00	474,096.00	336.00	474,096.00	336.00	474,096.00	100%	
87	LF	60" Cast-in-Drilled-Hole Concrete Piling	1,675	485.00	812,375.00	1,675.00	812,375.00	1,675.00	812,375.00	1,675.00	812,375.00	1,675.00	812,375.00	103%	
88	CY	Structural Concrete, Bridge	9,800	305.56	2,994,488.00	9,800.00	2,994,488.00	9,800.00	2,994,488.00	9,800.00	2,994,488.00	9,800.00	2,994,488.00	100%	
89	CY	Structural Concrete, Bridge Footing	1,090	263.00	286,670.00	1,090.00	286,670.00	1,090.00	286,670.00	1,090.00	286,670.00	1,090.00	286,670.00	100%	
90	CY	Structural Concrete, Approach Slab (Type N)	182	736.00	133,952.00	182.00	133,952.00	182.00	133,952.00	182.00	133,952.00	182.00	133,952.00	100%	
91	CY	Seal Course Concrete	414	200.00	82,800.00	414.00	82,800.00	414.00	82,800.00	414.00	82,800.00	414.00	82,800.00	0%	
92	LS	Prestressing Cast-in-Place Concrete	600,000	1.00	600,000.00	600,000.00	600,000.00	600,000.00	600,000.00	600,000.00	600,000.00	600,000.00	600,000.00	100%	
93	LBS	Bar Reinforcing Steel (Bridge)	4,109,559	0.80	3,287,647.20	4,109,559.00	3,287,647.20	4,109,559.00	3,287,647.20	4,109,559.00	3,287,647.20	4,109,559.00	3,287,647.20	100%	
94	EA	PTFE Spherical Bearing	7	7,240.00	50,680.00	7.00	50,680.00	7.00	50,680.00	7.00	50,680.00	7.00	50,680.00	100%	
95	LF	Joint Seal Assembly (MR=4")	157	216.00	33,912.00	157.00	33,912.00	157.00	33,912.00	157.00	33,912.00	157.00	33,912.00	100%	
96	LF	Joint Seal Assembly (MR=6" to 9")	79	771.00	60,909.00	79.00	60,909.00	79.00	60,909.00	79.00	60,909.00	79.00	60,909.00	100%	
97	SQFT	Architectural Treatment & COO B	58,680	8.00	469,440.00	36,675.00	-176,040.00	36,675.00	293,400.00	36,675.00	293,400.00	36,675.00	293,400.00	100%	
98		Deleted By Addendum			0.00										
99	LF	Welded Steel Pipe Casing [16"]	34	138.00	4,692.00	34.00	4,692.00	34.00	4,692.00	34.00	4,692.00	34.00	4,692.00	0%	
100	LF	Welded Steel Pipe Casing [24"]	70	141.00	9,870.00	70.00	9,870.00	70.00	9,870.00	70.00	9,870.00	70.00	9,870.00	100%	
101	LBS	Miscellaneous Metal (Bridge)	28,497	4.00	113,988.00	28,497.00	113,988.00	28,497.00	113,988.00	28,497.00	113,988.00	28,497.00	113,988.00	100%	
102	LBS	Miscellaneous Metal (Restrainer-Cable Type)	3,219	7.00	22,533.00	3,219.00	22,533.00	3,219.00	22,533.00	3,219.00	22,533.00	3,219.00	22,533.00	97%	
103	LBS	Bridge Deck Drainage System	19,660	10.00	196,600.00	19,660.00	196,600.00	19,660.00	196,600.00	19,660.00	196,600.00	19,660.00	196,600.00	100%	
104	LF	Concrete Railing [Parapet]	1,260	103.00	129,780.00	1,260.00	129,780.00	1,260.00	129,780.00	1,260.00	129,780.00	1,260.00	129,780.00	100%	
105	LF	Concrete Barrier (Type 80)	2,500	269.00	672,500.00	2,500.00	672,500.00	2,500.00	672,500.00	2,500.00	672,500.00	2,500.00	672,500.00	100%	
106	LF	Metal Railing [Type A]	2,500	300.00	750,000.00	2,500.00	750,000.00	2,500.00	750,000.00	2,500.00	750,000.00	2,500.00	750,000.00	100%	
107	LF	Metal Railing [Type B]	1,260	550.00	693,000.00	1,260.00	693,000.00	1,260.00	693,000.00	1,260.00	693,000.00	1,260.00	693,000.00	100%	
108	LS	Bridge Lighting	1	400,000.00	400,000.00	1.00	400,000.00	1.00	400,000.00	1.00	400,000.00	1.00	400,000.00	100%	
109	LS	Mobilization	1	3,120,000.00	3,120,000.00	1.00	3,120,000.00	1.00	3,120,000.00	1.00	3,120,000.00	1.00	3,120,000.00	100%	

PROJECT: River Road Bridge Replacement Project
 County Project No.: A7-0298, BRLS - 5956 (078), B9-0982, B9-0983, B9-0984
 Contract No.: 06-12-004

Contractor:
 Sukut-Myers, Joint Venture
 Address:
 4010 W. Chandler Ave
 City, State, Zip:
 Santa Ana, CA 92704

Estimate No.
 35 Final
 From:
 May 26, 2011
 To:
 June 25, 2012

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract		Change Authorized		Total Authorized		This Estimate		Previous		Total Estimate To Date	% Auth.
					Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity		
110	De-Mobilization	LS	1	2,100,000.00	2,100,000.00	1.00	2,100,000.00	1.00	2,100,000.00	1.00	1.00	2,100,000.00	1.00	2,100,000.00	100%	
111	Bridge Removal	LS	1	187,000.00	187,000.00	1.00	187,000.00	1.00	187,000.00	1.00	1.00	187,000.00	1.00	187,000.00	100%	
112	Dust Abatement	LS	1	108,000.00	108,000.00	1.00	108,000.00	1.00	108,000.00	1.00	1.00	108,000.00	1.00	108,000.00	100%	
113.A	Federal Trainee Program	FA	1	40,600.00	40,600.00	1.00	40,600.00	1.00	40,600.00	1.00	1.00	40,600.00	1.00	40,600.00	0%	
113.B	Bridge Protection [Sand and Debris Removal]	CY	180,000	0.50	90,000.00	180,000.00	90,000.00	180,000.00	90,000.00	180,000.00	180,000.00	48,390.00	48,390.00	24,195.00	27%	
CCO1, S1-2	Road Maintenance & Traffic Control	FA	0	1.00	0.00	145,000.00	145,000.00	145,000.00	145,000.00	145,000.00	144,672.44	144,672.44	144,672.44	144,672.44	100%	
CCO2, S1, S2, S3	Nesting Prevention Measures and Nest Removal	FA	0	1.00	0.00	94,173.02	94,173.02	94,173.02	94,173.02	94,173.02	94,173.02	94,173.02	94,173.02	94,173.02	100%	
CCO4, S1-2	Install, Maintain & Remove Temporary Signals	FA	0	1.00	0.00	120,491.63	120,491.63	120,491.63	120,491.63	120,491.63	92,884.01	92,884.01	92,884.01	92,884.01	77%	
CCO 3	Soil Remediation	LS	0	1.00	0.00	375,904.76	375,904.76	375,904.76	375,904.76	375,904.76	375,904.76	375,904.76	375,904.76	375,904.76	100%	
CCO 6	Utility Interference	LS	0	1.00	0.00	82,079.62	82,079.62	82,079.62	82,079.62	82,079.62	82,079.62	82,079.62	82,079.62	82,079.62	100%	
CCO 7	Temp Signals, Additional A/C Repair, Relocate Utilities, Bridge Rebar Bonding, Bridge barrier & Light Pull Boxes	FA	0	1.00	0.00	52,643.73	52,643.73	52,643.73	52,643.73	52,643.73	52,643.73	52,643.73	52,643.73	52,643.73	100%	
CCO 8	Architectural Treatment (See Item 97)	SOFT	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
CCO 9	Flooded River Road Water Pumping	FA	0	1.00	0.00	18,617.94	18,617.94	18,617.94	18,617.94	18,617.94	18,617.94	18,617.94	18,617.94	18,617.94	100%	
CCO 10	Time Impact Sewer Seat Support & Contract Extension	LS	0	1.00	0.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	100%	
CCO 12	AT&T Utilities	FA	0	1.00	0.00	22,577.28	22,577.28	22,577.28	22,577.28	22,577.28	22,577.28	22,577.28	22,577.28	22,577.28	100%	
CCO 13	Storm Drain issues at Bluff St	FA	0	1.00	0.00	154,208.37	154,208.37	154,208.37	154,208.37	154,208.37	154,208.37	154,208.37	154,208.37	154,208.37	100%	
CCO 11	DRB Member Payment	FA	0	1.00	0.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	13,087.50	13,087.50	13,087.50	13,087.50	65%	
CCO 14	Additional Work at Force Main Tie In	LS	0	1.00	0.00	17,570.62	17,570.62	17,570.62	17,570.62	17,570.62	17,570.62	17,570.62	17,570.62	17,570.62	100%	
CCO 15	Pier Wall Repair, Drainage Fixes, Slope Repair	FA	0	1.00	0.00	84,841.43	84,841.43	84,841.43	84,841.43	84,841.43	84,841.43	84,841.43	84,841.43	84,841.43	100%	
CCO 16	Erosion Control, 30"FM Soffit Mods, Xtra CIDH Comp	FA	0	1.00	0.00	124,020.07	124,020.07	124,020.07	124,020.07	124,020.07	124,020.07	124,020.07	124,020.07	124,020.07	100%	
CCO 17	Force Main Delay Issue Claim	LS	0	1.00	0.00	1,475,000.00	1,475,000.00	1,475,000.00	1,475,000.00	1,475,000.00	1,475,000.00	1,475,000.00	1,475,000.00	1,475,000.00	100%	
114	Work Order B9-0982 3-20" Potable Water Lines (MMWD) Mobilization/Demobilization	LS	1	6,500.00	6,500.00	1.00	6,500.00	1.00	6,500.00	1.00	1.00	6,500.00	1.00	6,500.00	100%	
115	Steel Water Pipeline	LF	3,606	144.00	519,264.00	3,606.00	519,264.00	3,606.00	519,264.00	3,606.00	3,606.00	519,264.00	3,606.00	519,264.00	100%	
116	20" Class 150 Welded Steel Blind Flange	EA	6	1,600.00	9,600.00	6.00	9,600.00	6.00	9,600.00	6.00	6.00	9,600.00	6.00	9,600.00	100%	
117	20" Class 150 Welded Steel 11.250 Elbow	EA	12	7,800.00	93,600.00	12.00	93,600.00	12.00	93,600.00	12.00	12.00	93,600.00	12.00	93,600.00	100%	

PROJECT: River Road Bridge Replacement Project
County Project No.: A7-0298, BRLS - 6986 (078), B9-0982, B9-0983, B9-0984
Contract No.: 08-12-004

Contractor: Sukut-Myers, Joint Venture
Address: 4010 W. Chandler Ave
City, State, Zip: Santa Ana, CA 92704

Estimate No.: 35 Final
From: May 26, 2011
To: June 25, 2012



Item No.	Item Description	Units	Quantity	Unit Price	Original Contract		Charge Authorized		Total Authorized		This Estimate		Previous		Total Estimate To Date		% Adj.	
					Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity		
Work Order B9-0984 12" Reclaimed Water Line (City of Norco)																		
142	Mobilization	LS	1	5,800.00	5,800.00	1.00			5,800.00	1.00				1.00	5,800.00	1.00	100%	
143	Trench Shoring, Sheeting and Bracing	LS	1	1,000.00	1,000.00	1.00			1,000.00	1.00				1.00	1,000.00	1.00	100%	
144	12" Dip (Class 350) With Restraining Joints	LF	2,260	75.00	169,500.00	2,260.00			169,500.00	2,260.00				2,260.00	169,500.00	2,260.00	100%	
145	12" Dip (Class 350) With Restraining Joints and all other Appurtenant Devices w/in Bridge	LF	1,200	77.00	92,400.00	1,200.00			92,400.00	1,200.00				1,200.00	92,400.00	1,200.00	100%	
146	6" Blow-Off Assembly With Dip (Painted Purple)	EA	2	3,800.00	7,600.00	2.00			7,600.00	2.00				2.00	7,600.00	2.00	100%	
147	2" Air Valve Assembly (Painted Purple)	EA	1	2,400.00	2,400.00	1.00			2,400.00	1.00				1.00	2,400.00	1.00	100%	
148	12" Flexible Expansion Flex-Tend	EA	2	9,300.00	18,600.00	2.00			18,600.00	2.00				2.00	18,600.00	2.00	100%	
149	Relocate Fire Hydrant Assembly	EA	1	6,000.00	6,000.00	1.00			6,000.00	1.00				1.00	6,000.00	1.00	100%	
150	Furnish and Install 12" Butterfly Valve	EA	4	-1,900.00	7,600.00	4.00			7,600.00	4.00				4.00	7,600.00	4.00	100%	
151	Furnish and Install Plain Roller Pipe Support	EA	133	400.00	53,200.00	133.00			53,200.00	133.00				133.00	53,200.00	133.00	100%	
Project Subtotals																		
Work Order A7-0298 Bridge Replacement (Base Bid)					32,833,951.10			2,600,218.47		35,534,169.57					1,485,106.75		35,257,979.04	
Work Order B9-0982 3-20" Potable Water Lines (WMMWD)					979,592.00					979,592.00							979,592.00	
Work Order B9-0983 30" Force Main Sewer Improvement (WRCRWA)					1,085,040.00			615,514.32		1,700,554.32							1,702,746.32	
Work Order B9-0984 12" Reclaimed Water Line (City of Norco)					364,100.00					364,100.00							364,100.00	

PROJECT: River Road Bridge Replacement Project
 County Project No.: AT-0298, BRLS - 5956 (078), B9-0982, B9-0983, B9-0984
 Contract No.: 08-12-004

Contractor: Sukut-Myers, Joint Venture
 Address: 4010 W. Chandler Ave
 City, State, Zip: Santa Ana, CA 92704

Estimate No. 35 Final
 From: May 26, 2011
 To: June 25, 2012



Work Order AT-0298 Bridge Replacement (Base Bid)

ESTIMATE TO DATE:	\$35,257,979.04
LESS RETENTION:	0%
LESS PREVIOUSLY INVOICED:	33,762,872.29
LESS LABOR NON COMPLIANCE:	0.00
LESS LIQUIDATED DAMAGES 70 CAL. DAYS @ \$5,000 PER DAY:	0.00
TOTAL DUE THIS PAYMENT:	\$1,495,106.75

Work Order B9-0982 3-20" Potable Water Lines (WIMWD)

ESTIMATE TO DATE:	\$979,592.00
LESS RETENTION:	0%
LESS PREVIOUSLY INVOICED:	979,592.00
LESS LABOR NON COMPLIANCE:	0.00
TOTAL DUE THIS PAYMENT:	\$0.00

Work Order B9-0983 30" Force Main Sewer Improvement (WRCRWA)

ESTIMATE TO DATE:	\$1,702,746.32
LESS RETENTION:	0%
LESS PREVIOUSLY INVOICED:	1,702,746.32
LESS LABOR NON COMPLIANCE:	0.00
TOTAL DUE THIS PAYMENT:	\$0.00

Work Order B9-0984 12" Reclaimed Water Line (City of Norco)

ESTIMATE TO DATE:	\$364,100.00
LESS RETENTION:	0%
LESS PREVIOUSLY INVOICED:	364,100.00
LESS LABOR NON COMPLIANCE:	0.00
TOTAL DUE THIS PAYMENT:	\$0.00

TOTAL DUE THIS PAYMENT: **\$1,495,106.75**

Figure 1-1: Location Map of the River Road Bridge Replacement Project

