

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

520



**FROM:** TLMA - Transportation Department

**SUBMITTAL DATE:**  
October 21, 2010

**SUBJECT:** Contract Change Order No. 5, Supplemental 1 between the County of Riverside and Sukut-Myers Joint Venture, for the replacement of the River Road Bridge over the Santa Ana River, Norco area

**RECOMMENDED MOTION:** That the Board of Supervisors execute and authorize the Transportation Department to issue Contract Change Order No. 5, Supplemental 1 with Sukut-Myers Joint Venture.

**BACKGROUND:** On December 23, 2008 (agenda item 3.34), the Board of Supervisors entered into an agreement with Sukut-Myers Joint Venture for the construction of the bridge replacement and road improvements on River Road crossing the Santa Ana River in the Norco area.

Juan C. Perez  
Director of Transportation

dj  
(Continued On Attached Page)

<b>FINANCIAL DATA</b>	Current F.Y. Total Cost:	\$ 186,868	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
	Annual Net County Cost:	\$ 0	For Fiscal Year:	2010/2011

<b>SOURCE OF FUNDS:</b> Measure A (100%)	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input type="checkbox"/>

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

APPROVE

BY:   
Tina Grande

County Executive Office Signature

FORM APPROVED COUNTY COUNSEL  
BY: MARSHA L. VICTOR  
DATE: 10/18/10

Departmental Concurrence

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

Prev. Agn. Ref. 12/23/08, Item 3.34 | District: 2 | Agenda Number:  
10/27/09, Item 3.46

ATTACHMENTS FILED  
WITH THE CLERK OF THE BOARD

3.54

The Honorable Board of Supervisors

RE: Contract Change Order No. 5, Supplemental 1 between the County of Riverside and Sukut-Myers Joint Venture, for the replacement of the River Road Bridge over the Santa Ana River, Norco area

October 21, 2010

Page 2 of 2

The authorized amount of the contract was \$35,362,683.10. The amount of this Contract Change Order is \$186,868.32 (0.53% of the original contract amount), which exceeds the maximum change order amount that can be authorized by the Director of Transportation, and requires Board approval in accordance with Resolution No. 93-047.

This supplemental Contract Change Order provides for additional compensation to the Contractor for remaining work associated with constructing the temporary bypass for the 30" Sewer Force Main interfering with the existing and proposed box culvert at the north end of the project during the first phase of construction. The change order also includes some trench excavation, shoring and permanent tie-in to existing pipe at Barron Road and River Road/Bluff Street at the south end of the project. Inspection and testing for acceptance of this work shall be performed by WRCRWA (Western Riverside County Regional Wastewater Authority). Inspections of traffic closures, trenching, backfilling, paving, safety, and general coordination as well as measurement for payment shall be performed by County inspection staff.

**JUSTIFICATION:** This Supplemental Contract Change Order became necessary due to the additional time and work necessary to construct the temporary bypass for the existing sewer line that was found to be in a location not identified on the As-built plans and in conflict with the new box culvert construction in the first phase of construction of the project.

The construction of this temporary bypass was determined to be the most cost effective means to address the conflict between the Sewer Force Main and the new box culvert, avoiding the need to remove and reconstruct an existing portion of this box culvert, and avoiding significant delays.

The Transportation Department is currently in negotiations with WRCRWA to determine the appropriate funding responsibility for this change order and other items.

Project Work Order No. A7-0298

## LETTER OF TRANSMITTAL

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

**DATE: June 10, 2010**

**File: River Road Bridge Replacement  
Project**

**W.O. No.: A7-0298**

**C.C.O. No. 5-S1**

**TO: Juan Perez**

**From: Hugh Smith**

**\$186,868.32 (0.528% of the original contract amount of \$35,362,683.10)**

This Supplemental Contract Change Order provides for additional compensation to the contractor for remaining work associated with constructing temporary bypass for the 30" Sewer Force Main interfering with existing and proposed box culvert at Station ~185+20 with Stage-1 Construction. All remaining work associated with the temporary bypass work shall be performed per attached serial letter #47 received from the Contractor on May 26, 2010 and detailed bypass plans provided by Willdan Engineering on May 22, 2009. Work shall also include trench excavation; shoring and permanent tie-in to existing pipe at Barron Road and River Road /Bluff Street, full shutdown of sewage flow will be made for 7-calendar days where work shall continue until tie-in is completed. Closures of Barron Road, setting emergency detours, and other associated work. Additional pipe and elbows will be furnished by Contractor and compensated at applicable pay items rate. Furthermore; inspection and testing for acceptance shall be performed by WRCRWA. Traffic closures, trenching, backfilling, paving, safety, and general inspection coordination as well as measurement for payment shall be performed by County inspection staff.

This Supplemental Contract Change Order became necessary due to increased scope and duration of the original work performed under the original Change Order and extended duration for the final tie-in as well as changing location of the tie-in at the north end. furthermore; existing sewer line was found to be in a location not identified on the As-built and in conflict with the new box culvert construction, and in order to avoid significant delays associated with completing Stage-1 construction, removal of existing box culvert at Station 185+20, and reconstruction of new box culvert at higher elevation. Temporary relocation or bypass of the 30" Sewer Force Main was necessary. Additional Pipes and elbows will be furnished by the Contractor to complete the final tie-in at the north end at Barron Road west of the planned tie-in location. Contractor will be compensated for this Extra Work as follows:

- Additional work performed at Force Account remaining from CCO#5 total \$39,273.86.
- Agreed Lump Sum of \$116,038.46 for completing all additional work associated sewer bypass and the tie-ins per attached details included in the contractor letter #47 dated 5/26/2010.
- Additional materials (pipes and elbows) will be paid at unit rate for Items #127, 128, and 129. Total estimated work paid under these items is estimated at \$31,550.00.

Work shall be performed in accordance with the Contract's General Provisions. The estimated amount of this Contract Change Order is \$186,868.32 and the accumulation of all Contract Change Orders thus far, including this one, is \$1,351,990.33.

Previous Contract Change Order Amounts Approved:  
See C.C.O. History  
(Attached)

\$1,165,122.01

**File: River Road Bridge Replacement Project**

**W.O. No.: A7-0298**

**C.C.O. No. 5-S1**

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This Contract Change Order was discussed with Mr. *Tayfun Saglam* and he gave his concurrence to this change.

Adjustment of Time: To be Determined at a later time.

**ESTIMATE OF COST**

Items	\$31,556.00
Force Account	\$39,273.86
Agreed Price	\$116,038.46
Adjustment	

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**TOTAL** **+\$186,868.32**



**Hugh Smith**  
Engineering Division Manager



**Wael Faqih**  
Resident Engineer

C. C. O. Category

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



COUNTY OF RIVERSIDE  
TRANSPORTATION DEPARTMENT

SHEET 1 OF 1 SHEETS

Contract Change Order No. 5-S1

CONTRACT River Road Bridge Replacement Project

WORK ORDER NO. A7 - 0298

TO Sukut - CC Myers JV 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.

This Supplemental Change Order Provides for:

Additional funds for the completion of construction and removal of the temporary bypass for the 30" Sewer Force Main interfering with existing and proposed box culvert located at Station ~185+20 with Stage-1 Construction. Additional "added costs" for completing the tie-ins at the north and south ends after completing installation of sewer pipe, all Stage-1 work including backfilling and paving, cost of shoring, temporary valves and fittings left in the ground for extended periods from July-2009 through May-2010, additional shoring during the tie-ins at both ends, abandoning or removal of temporary bypass pipe, additional pipe and fittings to shift the tie-in at the north end west of the temporary tie-in location. All relocation work shall be performed per original bypass plans & details provided by Willdan Engineering on May 22, 2009 and thereafter. Work shall also include but not limited to additional and/or deeper excavation requiring deeper shoring systems, traffic control, detours, additional signage, delineation, backfilling, Asphalt Concrete paving, and other associated work.

Inspection and testing for acceptance shall be performed by WRCRWA. Riverside County Inspection staff will coordinate this Extra Work and monitor work for compliance with the Contract Documents and specifications, traffic safety during full / partial closures.

This Supplemental "Extra Work" will be performed and compensation made as follows:

- Additional costs incurred over the original processed CCO#5 as previously authorized by WRCRWA: \$467,919.86 - \$428,646.00 = \$39,273.86 (Extra Work at Force Account).
- Additional costs associated with completing the tie-ins at North & South ends at Agreed Lump Sum total cost of = \$116,038.46. Scope of work for this agreed lump sum portion of the work is as per Sukut-Myers JV's Serial Letter Number 47 dated May 26, 2010.
- Additional cost for completing the tie-ins paid at unit rate as follows:

Item #127 (30" CL-50 Pipe): 51.00FT x \$156.00/FT = \$7,956.00


Item #128 (45 Elbows): 2 ea. x \$6,200.00/ea = \$12,400.00

Item #129 (22 Elbows): 2 ea. x \$5,600.00/ea = \$11,200.00

Schedule impact due to this change shall be determined at a later time.


Estimated Cost: Decrease \$ \_\_\_\_\_ Increase \$ \$186,868.32

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.

  
Approval Recommended \_\_\_\_\_ Date 6/10/10

By reason of this proposed change, TBD days adjustment of time will be allowed. To be determined at a later time

Accepted  6/1/10  
Sukut - CC Myers JV SJR Date

Approved  10/13/10  
Juan Perez, Director of Transportation Date

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 \_\_\_\_\_  
Chairman, Riverside County Board of Supervisors Date



May 26, 2010

Serial Letter No. 47

County of Riverside  
Transportation Department  
3525 14<sup>th</sup> Street  
Riverside, CA 92501

Attention: **Wael Faqih, Project Manager**  
RE: **River Road Bridge Replacement Project**  
Subject: **Updated Costs for CCO #5**

As per the County's request on April 21, 2010, we have enclosed our updated total for CCO #5. The following is the total cost both incurred and anticipated associated with this extra work:

Total T&M Cost Incurred to Date:	\$467,919.86
Lump Sum Estimate to Complete:	\$116,038.48
Additional Work at Unit Price:	\$ 31,556.00
<u>Impact Costs:</u>	<u>\$240,678.02</u>
Total Costs:	\$856,192.36

We have previously provided the County with the records to support the amount shown for the Total Cost Incurred to Date, and provided backup to support the Additional Work at Unit Price and the Impact Costs in our Serial Letter #11 dated September 15, 2009. We have enclosed backup to support the cost for the Lump Sum Cost to Complete as well as a defined scope of work for this price.

If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,

Steven J. Reiser  
Project Manager  
Sukut-Myers, Joint Venture

**Moving Earth to Award-Winning Levels**

4010 West Chandler Avenue \* Santa Ana, California 92704-5202  
714.540.5351 \* Fax 714.545.2438 \* 800.339.6024 \* [www.sukut.com](http://www.sukut.com)  
Contractor's License No. 54278

Sukut Construction, Inc.  
 River Road Bridge Replacement Project

**CCO #5 - Force Main Bypass - REVISION #1**

**Estimate of Cost to Complete**

Scope of Work: This price proposal is strictly limited to the scope of work described herein:

1. Remove Portions of Existing Bypass at Southern Connection Point
  - Excavate southern connection point to expose pipe and valves
  - Remove IFT valve at southern connection point
  - Rental on shoring system from September 2009 to February 2010
  - Removal of shoring system
  - Remove all pipe, fittings, and thrust blocks from southern connection point to 45 elbow at road
  - Backfill excavations and trenches
  - Dispose of removed pipe, fittings, concrete and debris from removal work
  - Brick and mortar two ends of abandoned pipe
  - Plug existing pipe at south side of box culvert
  
2. Remove Portions of Existing Bypass at Northern Connection Point
  - Excavate and shore northern connection point to expose pipe and valves
  - Remove IFT valve at northern connection point
  - Install concrete plug in bypass pipe at location of IFT valve to abandon remaining pipe
  - Backfill excavations and trenches

**Cost Estimate**

**Labor**

Description	Quantity	Hours/Each	Rate	Total Cost
Operator Foreman	1	80	\$ 66.36	\$ 5,308.80
Operator	2	80	\$ 63.98	\$ 10,236.80
Pipe Laborer	2	80	\$ 50.13	\$ 8,020.80
General Laborer	1	80	\$ 46.98	\$ 3,758.40
Subtotal				\$ 27,324.80
Mark Up				\$ 9,017.18
Total				\$ 36,341.98

**Equipment**

Description	Quantity	Hours/Each	Rate	Total Cost
Pick Up Truck	1	80	\$ 24.43	\$ 1,954.40
325 Excavator	1	80	\$ 107.37	\$ 8,589.60
420 Backhoe	1	80	\$ 48.30	\$ 3,864.00
950 Loader	1	80	\$ 116.26	\$ 9,300.80
Subtotal				\$ 23,708.80
Mark Up				\$ 3,556.32
Total				\$ 27,265.12



**Materials**

Description	Total Cost
Brick and Mortar	\$ 1,500.00
AC and Curb Relacement At Baron Drive	\$ 6,500.00
McBratney (Balance of Shoring Rental, Sept 09 to May 10)	\$ 8,592.50
Shoring for North Connection Point	\$ 10,000.00
Disposal Fees	\$ 5,000.00
Hazardous Waste Pumping	\$ 5,000.00
Concrete	\$ 1,500.00
Misc. Items	\$ 7,500.00
Subtotal	\$ 45,592.50
Mark Up	\$ 6,838.88
Total	\$ 52,431.38

Total Cost	\$ 116,038.48
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River Road Bridge  
Contract CCO History

Contract No. 08-12-004  
 Work Order No. A7-0298  
 Contract Amount \$35,362,683.10

Single Maximum CCO \$100,000.00  
 Maximum CCO's \$3,536,268.31  
 Tip Budget \$38,898,951.41

Tip Comments:  
No Change

CCO No.	Amount This CCO	Authority	Cumulative CCO's	% Original Authorized	Cumulative CCO %	Classification
1	\$50,000.00	Trans. Director	\$50,000.00	0.14%	0.14%	Extra/Unavoidable
2	\$40,000.00	Trans. Director	\$90,000.00	0.11%	0.25%	Enviro. Required
1S1	\$45,000.00	Trans. Director	\$135,000.00	0.13%	0.38%	Extra/Unavoidable
3	\$375,904.76	Board Approval	\$510,904.76	1.06%	1.44%	Change Site Conditons
4	\$58,491.63	Trans. Director	\$569,396.39	0.17%	1.61%	Extra/Unavoidable
5	\$428,646.00	Board Approval	\$998,042.39	1.21%	2.82%	Change Site Conditons
6	\$82,079.62	Trans. Director	\$1,080,122.01	0.23%	3.05%	Change Site Conditons
1S2	\$50,000.00	Trans. Director	\$1,130,122.01	0.14%	3.20%	Extra/Unavoidable
2S1	\$35,000.00	Trans. Director	\$1,165,122.01	0.10%	3.29%	Extra/Unavoidable
5S1	\$186,868.32	Board Approval	\$1,351,990.33	0.53%	3.82%	Change Site Conditons
<hr/>						
\$1,351,990.33				<hr/>		3.82%

New Authorized Contract Total \$36,714,673.43  
 Total CCO Dollars To Date \$1,351,990.33  
 Total % Increased by CCO's 3.82%