

# STAFF REPORT



# ITEM NO. 9 CITY OF OCEANSIDE

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DATE: December 19, 2007

TO: Honorable Mayor and City Councilmembers

FROM: Development Services Department

SUBJECT: **APPROVAL OF A BUDGET APPROPRIATION IN THE AMOUNT OF \$8.1 MILLION IN THE FY 07-08 CAPITAL IMPROVEMENT PROJECT BUDGET FOR THE PACIFIC STREET BRIDGE OVER THE SAN LUIS REY RIVER, AND APPROVAL OF CONTRACT CHANGE ORDERS 6, 12, AND 13.**

## **SYNOPSIS**

Staff recommends that the City Council approve a budget appropriation in the amount of \$8.1 million in the FY 07-08 Capital Improvement Project budget for the Pacific Street Bridge project, approve Contract Change Orders 6, 12, and 13 in the amounts of \$10,066, \$46,120, and \$133,304, respectively, to FCI Constructors, Inc. and authorize the City Engineer to execute the change orders.

## **BACKGROUND**

On August 2, 2006, City Council awarded the construction contract to FCI Constructors, Inc., of Vista, for \$18,062,415. On October 11, 2006, the City Council approved the agreement for construction management services to Harris and Associates of San Diego. As of the October 16, 2006, work has progressed with the installation of detours, utility relocations, temporary fill and trestle construction, foundation construction, falsework erection, and a portion of the bridge superstructure.

The City facilitated the approval of the contractor's alternative method of constructing a temporary fill across the river as a working platform rather than the planned wooden trestle. Initially, environmental issues and permit revisions to allow the temporary fill alternative slowed the work through FY 06-07, but now the current construction is progressing at a pace faster than funds were appropriated for FY 07-08. Work completed through October 31, 2007 is equal to \$10,191,414. Included in this work is \$29,521 for Change Orders 1-5 and 7-11, which were administratively approved to resolve changed conditions. In addition to these change orders, the contractor has agreed to Change Orders 6, 12 and 13 for unforeseen utility repairs, implementation of an additional detour, and revised underground utility relocations.

## **ANALYSIS**

The original construction funding for the project (501.737556.5392) was phased over a three-year period. The CIP budget appropriated \$2.9 million for FY 06-07, \$9.7 million for FY 07-08, and the remaining balance in FY08-09. The City's share from the Major Thoroughfare Fund 561 was allocated in FY 07-08. When the FY07-08 CIP budget was approved the effect of the fill alternative on the progress of construction was unknown. However, based on the progress to date, the total expenditures for FY06-07 was \$5.0 million and the FY07-08 expenditure, including change orders, are currently anticipated to be \$15.7 million.

Change Order No. 6, in the amount of \$10,065.90, is due to unforeseen underground conditions encountered during the relocation of the 10-inch waterline. This work consisted of repairing unmarked sewer and storm drain pipes, potholing to accurately locate waterline tie-in points, repairing and maintaining sidewalks and curbs during the work, and installing temporary fence along the perimeter of the work.

Change Order No. 12, in the amount of \$46,119.91, is due to an additional detour along Pacific Street. A field survey determined that a footing, the shored excavation, and the temporary concrete barrier adjacent to the excavation encroached on a lane of Pacific Street at the river's south bank. This work consisted of paving a wider shoulder opposite the excavation, adding traffic control devices, and re-striping the lanes.

Change Order No. 13, in the amount of \$133,303.84, is due to SDG&E cathodic line requirement that was not shown in the plans and due to asbestos materials in the existing SDG&E facilities. The cost associated with the cathodic line consisted of increasing the joint utility trench depth to comply with spacing specifications. The increased trench depth required shoring installations in conformance with OSHA. The cost associated with asbestos materials in the existing facility consisted of extending tie-in locations, abandoning facilities in place, and standby time when determining re-design options.

The increase in expenditures by over a factor of three is due to the contractor's attempt to reduce his exposure to a major rain event. The same flow that has washed out Pacific Street crossing has the potential risk of washing out the bridge during construction if structurally unsound. Therefore the contractor has dedicated his forces to complete the bridge by the first quarter of 2008.

The estimated total construction cost for FCI Constructors, Inc., T. Y. Lin International, and Harris and Associates for construction and construction engineering was \$20,314,316. The Federal Highway Administration, through the California Department of Transportation Division of Local Assistance, has committed to fund \$17,984,263 of the construction costs. The remaining project cost is funded by the Major Thoroughfare Fee Fund 561.

## **FISCAL IMPACT**

Despite the slowed progress in FY06-07, the contractor's current pace of work has kept the project on schedule for completion in December 2008. As the contractor works toward completion of the bridge to eliminate the risk of a washout, staff anticipates this same current rate of progress to be maintained through FY07-08. Staff anticipates the majority of work scheduled for FY08-09 to be completed in FY07-08. Based on the work completed to date as shown in the contractor's monthly schedule update, the Pacific Street Bridge will be in use in August rather than September of 2008.

To date, \$12.6 million has been budgeted for construction of the project (501.737556.5392). Total construction expenditures on the project from October 2006 to the present are \$8.9 million, leaving working capital of \$3.7 million. The City has been reimbursed \$1.4 million of these expenditures to date and reimbursement for \$5.7 million of the committed Federal Highway Administration funding was invoiced to Caltrans in November 2007.

The current balance in the FY 2007-08 CIP is \$7.6 million. Since construction is anticipated to proceed at the current pace, an additional \$8.1 million appropriation from (501.3301) to (501.737556.5392) is necessary to meet the estimated expenditures of \$15.7 million through the end of the fiscal year. The cash flow to 501.3301 is based on committed reimbursements at a rate of 88.53 percent from the Federal Highway Administration.

The approval of Contract Change Orders 6, 12, and 13 increases the construction contract by \$219,011 from \$18,062,415 to \$18,281,426. The cost of these change orders is included in the \$8.1 million. Construction contingencies such as change orders are funded by California Department of Transportation Division of Local Assistance at the same 88.53 percent rate as the construction costs. Staff is requesting reimbursement for the change orders in a revised finance letter to the Division of Local Assistance Engineer.

## **INSURANCE REQUIREMENTS**

The City's standard insurance requirements will be met.

## **COMMISSION OR COMMITTEE REPORT**

Does not apply.

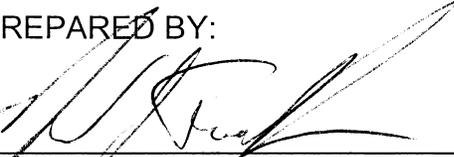
## **CITY ATTORNEY'S ANALYSIS**

The referenced documents have been reviewed by the City Attorney and approved as to form.

**RECOMMENDATION**

Staff recommends that the City Council approve a budget appropriation in the amount of \$8.1 million in the FY 07-08 Capital Improvement Project budget for the Pacific Street Bridge project, approve Contract Change Orders 6, 12, and 13 in the amounts of \$10,066, \$46,120, and \$133,304, respectively, to FCI Constructors, Inc., and authorize the City Engineer to execute the change orders.

PREPARED BY:

  
\_\_\_\_\_  
David Toschak  
Senior Civil Engineer

SUBMITTED BY:

  
\_\_\_\_\_  
Peter A. Weiss  
City Manager

REVIEWED BY:

Michelle Skaggs Lawrence, Deputy City Manager

Lauren Wasserman, Interim Development Services Director

Scott O. Smith, City Engineer

Teri Ferro, Financial Services Director

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Attachments

Change Orders 1-13  
Invoice 8 & 10

**CITY OF OCEANSIDE  
CONTRACT CHANGE ORDER**

DATE February 12<sup>th</sup>, 2007  
PROJECT # (501) 737556  
CHANGE ORDER 1  
PURCHASE ORDER # 77287-000

**PROJECT TITLE:**  
Pacific Street Bridge Over The San Luis Rey River

**This change order provides for:** Develop a sketch, furnish, place and maintain in place a floating platform in the river to function as a Pelican Roost. The platform shall be wood and of 8 feet wide by 12 foot long with a floating base material (i.e. Styrofoam). The top surface of the platform shall incorporate wood strips or small diameter tree branches to provide for Pelicans a surface to hold on to. The Pelican Roost shall be attached upstream to one of the I-5 abandoned piers.

This is in accordance the United States Fish and Wildlife Service requirement for the contract work within the San Luis Rey River.

Compensation to the Contractor shall be at an agreed Lump Sum price of \$4,004.01. This price includes full compensation on all Contractor's labor, materials, equipments, markups, overheads, profits and incidentals for the work of this change order.

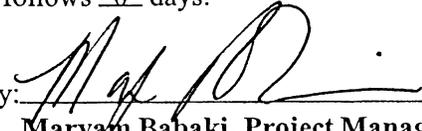
No Time extension is warranted by reason of this change.

<b>Total for Change Order # 1</b>	<b>\$4,004.01</b>	
Contract amount:	\$ 18,062,414.70	100.0%
Prior Change Orders	\$ 0 ✓	0% ✓
Subtotal	\$ 18,062,414.70	100%
Change Order 1	\$ 4,004.01 ✓	0.022%
Total	\$ 18,066,418.71 ✓	100.022%

Contractor shall not be entitled to any additional payment regarding the work of this Change Order.

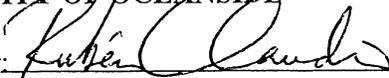
Cost Impact: Increase  X  Decrease \_\_\_\_\_ No Change \_\_\_\_\_

By reason of this order the time of completion will be adjusted as follows  0  days.

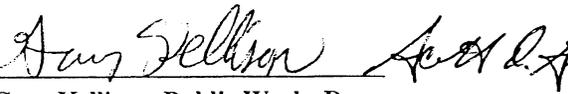
Recommended by:   
Maryam Babaki, Project Manager  
CITY OF OCEANSIDE

Contract Summary:

Initial Contract Amount: \$18,062,414.70  
Change Order (1) \$4,004.01  
Change Orders to date \$ 0.0  
Total to Date: \$18,066,418.71

Accepted By:   
FCI Constructors, Inc., Contractor

Printed Name:  Ruben Claudio

Approved by:   
Gary Kellison, Public Works Dep.  
CITY OF OCEANSIDE

Additional Appropriation Required: \_\_\_\_\_ X \_\_\_\_\_  
Yes No

Original to: City Clerk  
Copies to: Accounts Payable Contractor Inspector File

**CITY OF OCEANSIDE  
CONTRACT CHANGE ORDER**

DATE February 13<sup>th</sup>, 2007  
PROJECT # (501) 737556  
CHANGE ORDER 2  
PURCHASE ORDER # 77287-000

**PROJECT TITLE:**  
**Pacific Street Bridge Over The San Luis Rey River**

**This change order provides for:** Furnish, install and maintain in place three (3) Banners size 3'x16' that read "Harbor Businesses Open During Construction" in black bold lettering with the City of Oceanside logo on one end and the Pacific Street Project logo on the other end as per the diagram provided.

This in part is in accordance with the Public Information Plan effort to reduce impacts on the Harbor Businesses.

Compensation to the Contractor shall be at an agreed Lump Sum price of \$1,355.25. This price includes full compensation on all Contractor's labor, materials, equipments, markups, overheads, profits and incidentals for the work of this change order.

No Time extension is warranted by reason of this change.

<b>Total for Change Order # 2</b>	<b>\$1,355.25</b>	
Contract amount:	\$ 18,062,414.70	100.0%
Prior Change Orders	\$ <u>4,004.01</u> ✓	<u>0.022%</u>
Subtotal	\$ 18,066,418.71	100.022%
Change Order 2	\$ <u>1,355.25</u> ✓	<u>0.0075%</u> <b>0.008</b>
Total	\$ 18,067,773.96 ✓	<u>100.0295%</u> <b>100.030</b>

Contractor shall not be entitled to any additional payment regarding the work of this Change Order.

Cost Impact: Increase X Decrease      No Change     

By reason of this order the time of completion will be adjusted as follows: 0 days.

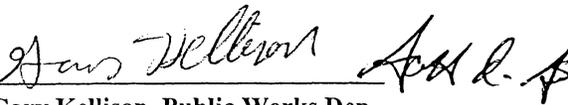
Recommended by:   
**Maryam Babaki, Project Manager**  
**CITY OF OCEANSIDE**

**Contract Summary:**

Initial Contract Amount: \$18,062,414.70  
Change Order (2) \$1,355.25  
Change Orders to date \$4,004.01  
Total to Date: \$18,067,773.96

Accepted By:   
**FCI Constructors, Inc., Contractor**

Printed Name: Ruben Claudio

Approved by:   
**Gary Kellison, Public Works Dep.**  
**CITY OF OCEANSIDE**

Additional Appropriation Required:     X      
Yes No

Original to: City Clerk  
Copies to: Accounts Payable Contractor Inspector File

# CITY OF OCEANSIDE CONTRACT CHANGE ORDER 2.1

DATE March 19<sup>th</sup>, 2007  
 PROJECT # (501) 737556  
 CHANGE ORDER 2.1  
 PURCHASE ORDER # 77287-000

**PROJECT TITLE:**  
**Pacific Street Bridge Over The San Luis Rey River**

**This change order provides for:** Furnish, install and maintain in place three (2) Banners size 3'x16' that bear "Enjoy the Harbor – Shops open during Construction" with the City of Oceanside logo on one end and the Pacific Street Project logo on the other end as per the colored diagram provided.

This in part is in accordance with the Public Information Plan effort to reduce impacts on the Harbor Businesses.

Compensation to the Contractor shall be at an agreed Lump Sum price of \$2,032.88. This price includes full compensation on all Contractor's labor, materials, equipments, markups, overheads, profits and incidentals for the work of this change order.

No Time extension is warranted by reason of this change.

<b>Total for Change Order # 2.1</b>	<b>\$2,032.88</b>		
Contract amount:	\$ 18,062,414.70	100.0%	18,062,414.70
Prior Change Orders	\$ <del>10,335.50</del>	0.057%	<del>10,335.50</del>
Subtotal	\$ 18,072,750.20	100.057%	18,072,750.20
Change Order 2.1	\$ 2,032.88	0.011%	2,032.88
Total	\$ 18,074,783.08	100.068%	18,074,783.08

*5,359.26*  
*5359.26*  
*10.0295%*  
*10.0295%*  
*0.011%*  
*1.0405*  
*5/22/07*

Contractor shall not be entitled to any additional payment regarding the work of this Change Order.

Cost Impact: Increase X Decrease      No Change     

By reason of this order the time of completion will be adjusted as follows: 0 days.

Recommended by: *Maryam Babaki*  
**Maryam Babaki, Project Manager**  
**CITY OF OCEANSIDE**

Contract Summary:

Initial Contract Amount: \$18,062,414.70  
 Change Order (2.1) \$2,032.88 *2032.88*  
 Change Orders to date ~~\$10,335.50~~ *5359.26*  
 Total to Date: ~~\$18,074,783.08~~  
*18,069,806.84*

Accepted By: *Ruben Claudio*  
**FCI Constructors, Inc., Contractor**

Printed Name: *Ruben Claudio*  
*Scott D. Smith*  
 Approved by: *Scott D. Smith*  
**CITY ENGINEER**  
**CITY OF OCEANSIDE**

Additional Appropriation Required:     X      
 Yes No

Original to: City Clerk  
 Copies to: Accounts Payable Contractor Inspector File

**CITY OF OCEANSIDE  
CONTRACT CHANGE ORDER NO. 03**

DATE: February 21<sup>st</sup>, 2007  
 PROJECT # (501) 737556  
 CHANGE ORDER 3  
 PURCHASE ORDER # 77287-000

**PROJECT TITLE:**  
 Pacific Street Bridge Over The San Luis Rey River

**This change order provides for:** Furnish, install and maintain in place Eight (8) signs size 18"X 24" at the eight shuttle stops' locations as per the provided electronic files.

**Reason for Change:** This is to provide additional information at the shuttle stops so as to facilitate public access to the harbor businesses. This is in accordance with the Public Information Plan efforts to reduce impacts of the construction on the Harbor Businesses.

**Cost of Change:** Compensation to the Contractor shall be at an agreed Lump Sum price of \$996.24. This price includes full compensation on all Contractor's labor, materials, equipments, markups, overheads, profits and incidentals for the work of this change order.

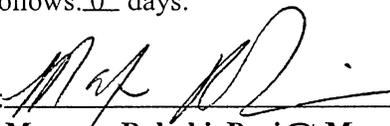
**Contract Time Adjustment:** No Time adjustment is warranted by reason of this change.

<b>Total for Change Order # 3</b>	<b>\$996.24</b>	
Contract amount:	\$ 18,062,414.70	100.0%
Prior Change Orders	\$ <del>9,359.26</del>	0.052% <b>7392.14</b>
Subtotal	\$ 18,071,773.96	100.052% <b>18,069,806.84</b>
Change Order 3	\$ 996.24	0.005%
Total	\$ 18,072,770.20	100.057% <b>18,070,773.08</b>

Contractor shall not be entitled to any additional payment regarding the work of this Change Order.

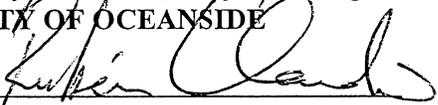
Cost Impact: Increase X Decrease \_\_\_\_\_ No Change \_\_\_\_\_

By reason of this order the time of completion will be adjusted as follows: 0 days.

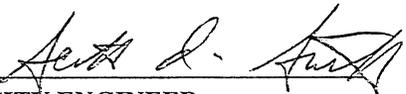
Recommended by:    
**Maryam Babaki, Project Manager**  
**CITY OF OCEANSIDE**

**Contract Summary:**

Initial Contract Amount: \$18,062,414.70  
 Change Order (3) \$996.24  
 Change Orders to date \$9,359.26  
 Total to Date: \$18,072,770.20  
~~\$9,359.26~~

Accepted By:   
**FCI Constructors, Inc., Contractor**

Printed Name: Ruben Claveh

Approved by:   
**CITY ENGINEER**  
**CITY OF OCEANSIDE**

Additional Appropriation Required: X  
 Yes No

Original to: City Clerk  
 Copies to: Accounts Payable      Contractor      Inspector      File

**CITY OF OCEANSIDE  
CONTRACT CHANGE ORDER**

DATE February 13<sup>th</sup>, 2007  
PROJECT # (501) 737556  
CHANGE ORDER 4  
PURCHASE ORDER # 77287-000

**PROJECT TITLE:**  
Pacific Street Bridge Over The San Luis Rey River

**This change order provides for:** Furnishing and installing an additional 16" Butterfly valve at the 16x16x16 inch Tee on the new 16" waterline as per the request of the City of Oceanside Utility Department. This change will enable the City to connect to future lines from said butterfly valve point in lieu of installing the planned Tee only.

All work shall be in accordance with the contract documents and technical specifications and as specified for this particular item.

Compensation to the Contractor shall be at Increase in Contract Item no. 81 @ Contract Price of \$4,000.00.

<u>Item no.</u>	<u>Item Description</u>	<u>Quantity Increase</u>	<u>Increased Costs</u>	<u>Item % increase</u>
81	Utility (16" Water Main) 16" Valves	1 EA	\$4,000.00	50%

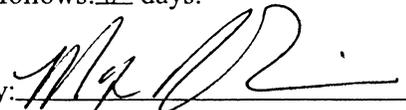
This price includes full compensation on all Contractor's labor, materials, equipments, markups, overheads, profits and incidentals for the work of this change order. No Time extension is warranted by reason of this change.

<b>Total for Change Order # 4</b>	<b>\$4,000.00</b>
Contract amount:	\$ 18,062,414.70 100.0%
Prior Change Orders	\$ 5,359.26 0.0295%
Subtotal	\$ 18,067,773.96 100.0295%
Change Order 4	\$ 4,000.00 0.022%
Total	\$ 18,071,773.96 100.0515%

Contractor shall not be entitled to any additional payment regarding the work of this Change Order.

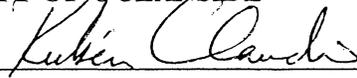
Cost Impact: Increase X Decrease      No Change     

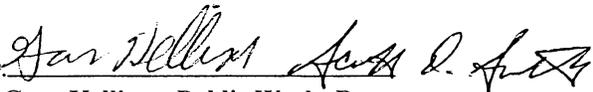
By reason of this order the time of completion will be adjusted as follows: 0 days.

Recommended by:   
Maryam Babaki, Project Manager  
CITY OF OCEANSIDE

Contract Summary:

Initial Contract Amount: \$18,062,414.70  
Change Order (4) \$4,000.00  
Change Orders to date \$5,359.26  
Total to Date: \$18,071,773.96

Accepted By:   
FCI Constructors, Inc., Contractor  
Printed Name: Ruben Claudio

Approved by:   
Gary Kellison, Public Works Dep.  
CITY OF OCEANSIDE

Additional Appropriation Required:     X      
Yes No

Original to: City Clerk  
Copies to: Accounts Payable      Contractor      Inspector      File

**CITY OF OCEANSIDE  
CONTRACT CHANGE ORDER NO. 05**

DATE: April 27<sup>th</sup>, 2007  
 PROJECT # (501) 737556  
 CHANGE ORDER 5  
 PURCHASE ORDER # 77287-000

**PROJECT TITLE:**  
 Pacific Street Bridge Over The San Luis Rey River

**This change order provides for:** Adjustment of Item no. 79 "Utility Relocation" contract price.

**Reason for Change:** The work under this item has been amended as follows:

- Remove AT&T/SBC Utility Vault work (Credit to City)
- Add approx. 8' of telecom trenching, compaction, furnishing and installation of conduit, and backfilling with native material, Aggregate base and AC finish.

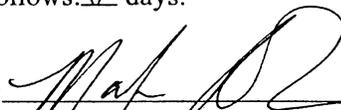
**Cost of Change:** This change shall result on a **credit of \$4,761.10** to the City, which ultimately adjusts the price of item no. 79 to \$235,238.90.

**Contract Time Adjustment:** No Time adjustment is warranted by reason of this change.

<b>Total for Change Order # 5</b>	<b>- \$4,761.10</b>	
Contract amount:	\$ 18,062,414.70	100.0%
Prior Change Orders	\$ <u>29,709.62</u>	0.163%
Subtotal	\$ 18,092,124.32	100.163%
Change Order 5	\$ <u>- 4,761.10</u>	- 0.026%
Total	\$ 18,087,363.22	100.137%

Cost Impact: Increase \_\_\_\_\_ Decrease X No Change \_\_\_\_\_

By reason of this order the time of completion will be adjusted as follows: 0 days.

Recommended by:   
 Maryam Babaki, Project Manager  
 CITY OF OCEANSIDE

**Contract Summary:**

Initial Contract Amount: \$18,062,414.70  
 Change Order (5) - \$4,761.10  
 Change Orders to date \$30,509.62  
 Total to Date: \$18,087,363.22

Accepted By:   
 FCI Constructors, Inc., Contractor

Printed Name: JEFF TURNER, AIAA MGR

Approved by:   
 CITY ENGINEER  
 CITY OF OCEANSIDE

Additional Appropriation Required: \_\_\_\_\_ X \_\_\_\_\_  
 Yes No

Original to: City Clerk  
 Copies to: Accounts Payable Contractor Inspector File

**CITY OF OCEANSIDE**  
**CONTRACT CHANGE ORDER NO. 06**

**PROJECT TITLE:**

**Pacific Street Bridge Over the San Luis Rey River**

DATE \_\_\_\_\_ October 26, 2007

PROJECT No. \_\_\_\_\_ (501) 737556

CHANGE ORDER No. \_\_\_\_\_ 06

PURCHASE ORDER No. 77287-000

**This change order provides for:** Additional unforeseen & extra works to repair broken sewer lateral, broken storm drain line, and the broken sewer force main that were encountered during the installation of the new 8” sewer main. Also, it covers the stand by time and the additional potholing for the 10” DIP waterline tie-in on Harbor Blvd. It also includes the extra works requested to clean-up sidewalk and curb (Field Directive #00005, dated 4/30/07), and repairs to the temporary fence (Field Directive #00006, dated 5/3/07)

**Reason for Change:** The additional work to repair the broken sewer lateral, storm drain line and the sewer force main were out of the contractor’s control and had to be fixed. Also, additional potholing had to be performed by contractor during the installation of the 10” DIP waterline. The other items of additional works were ordered by Field Directives # 00005, & #00006.

**Cost of Change:** In accordance with Section 7.4 ‘Changed Conditions’, contractor shall be compensated for additional works due to unforeseen situations, and the following is the cost breakdown of additional works by contractor:

<u>DESCRIPTION</u>	<u>COST OF WORK</u>
1. Broken Sewer Lateral repair, per PCO #001	\$ 961.74
2. Broken Storm Drain repair, per PCO #002	\$1,330.77
3. Broken Sewer Force Main Connection repair, per PCO # 003	\$3,653.53
4. Stand-by Time & Potholing for Waterline Tie-in, per PCO # 004	\$2,883.59
5. Sidewalk & Curb Clean-up, per Field Directive # 00005, and PCO # 017	\$ 283.25
6. Temporary Fence repair per Field directive # 00006, and PCO # 018	\$ 953.02
<b>TOTAL</b>	<b>\$10,065.90</b>

For this work, the contractor shall receive and accept the Agreed Amount of \$ 10,065.90. This sum constitutes full and complete compensation for furnishing all labor, material, equipment, tools, and incidentals including all markups by reason of this change. Contractor shall not be entitled to any additional payment regarding the work of this Change Order No. 06.

**CITY OF OCEANSIDE**  
**CONTRACT CHANGE ORDER NO. 06**

DATE \_\_\_\_\_ October 26, 2007  
PROJECT No. \_\_\_\_\_ (501) 737556  
CHANGE ORDER No. \_\_\_\_\_ #6 Pg.2  
PURCHASE ORDER No. 77287-000

**Contract Time Adjustment:** By reason of this order the time of completion will be adjusted as follows:  0  Day(s).

**Cost Impact:** Increase  X  Decrease \_\_\_\_\_ No Change \_\_\_\_\_ in the Agreed Amount of \$  10,065.90

**Contract Summary:**

Initial Contract Amount: \$ 18,062,414.70  
Prior CCOs (1-5): \$  7,627.28  ( 0.042%)  
Subtotal: \$ 18,070,041.98 (100.042%)  
Change Order No. 8: \$  10,065.90  ( 0.056%)  
Total Contract Amount: \$ 18,080,107.88 (100.098%)

Recommended by:   
David Taschak, Project Manager  
CITY OF OCEANSIDE

Accepted By:  10/30/07  
Printed Name:  Jeff Turner, Area Mgr   
FCI Constructors, Inc.  
CONTRACTOR

Approved by: \_\_\_\_\_  
Scott Smith, City Engineer  
CITY OF OCEANSIDE

Additional Appropriation Required: \_\_\_\_\_  
Yes No

Original to: City Clerk  
Copies to: Accounts Payable; Contractor; Inspector; File

**CITY OF OCEANSIDE  
CONTRACT CHANGE ORDER NO. 07**

DATE: March 19<sup>th</sup>, 2007  
 PROJECT # (501) 737556  
 CHANGE ORDER 7  
 PURCHASE ORDER # 77287-000

**PROJECT TITLE:**  
 Pacific Street Bridge Over The San Luis Rey River

**This change order provides for:** Provide a temporary hot tap connection to the existing 10" waterline, near the location where the fire hydrant will be relocated per note 1 on sheet 34A, and temporarily relocate the existing fire hydrant referenced by note 1 on sheet 34A, in advance of the completion of the new 10" waterline and final relocation of the fire hydrant.

**Reason for Change:** This is to maintain continued water supply to the fire hydrant and avoid any interference between the new 16" line and the existing fire hydrant.

**Cost of Change:** Compensation to the Contractor is at labor and equipment time and materials costs including applicable markups.

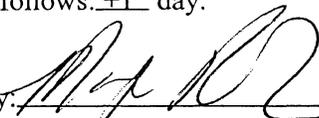
**Contract Time Adjustment:** Addition of (1) one day to the completion date.

<b>Total for Change Order # 7</b>	<b>\$8,055.09</b>	
Contract amount:	\$ 18,062,414.70	100.0%
Prior Change Orders	\$ <u>12,368.38</u>	0.068%
Subtotal	\$ 18,074,783.08	100.068%
Change Order 7	\$ <u>8,055.09</u>	0.045%
Total	\$ 18,082,838.17	100.113%

Contractor shall not be entitled to any additional payment regarding the work of this Change Order.

Cost Impact: Increase X Decrease      No Change     

By reason of this order the time of completion will be adjusted as follows: +1 day.

Recommended by:   
**Maryam Babaki, Project Manager**  
**CITY OF OCEANSIDE**

**Contract Summary:**

Initial Contract Amount: \$18,062,414.70  
 Change Order (7) \$8,055.09  
 Change Orders to date \$12,368.38  
 Total to Date: \$18,082,838.17

Accepted By:   
**FCI Constructors, Inc., Contractor**

Printed Name: Ruben Claudio

Approved by:   
**Scott D. Smith**  
**CITY ENGINEER**  
**CITY OF OCEANSIDE**

Additional Appropriation Required:     X      
 Yes No

Original to: City Clerk  
 Copies to: Accounts Payable Contractor Inspector File

**CITY OF OCEANSIDE**  
**CONTRACT CHANGE ORDER NO. 08**

**PROJECT TITLE:**

**Pacific Street Bridge Over the San Luis Rey River**

DATE October 22, 2007  
PROJECT No. (501) 737556  
CHANGE ORDER No. 08  
PURCHASE ORDER No. 77287-000

**This change order provides for:** A change in the method of construction for the 10-inch waterline connection. The change in method shall be to perform the Work during the night. The Work to connect the new waterline to the existing waterline shall be performed between the hours of 11:00PM and 5:30AM. Waterline thrust blocks shall be constructed of High-Early-Strength concrete.

**Reason for Change:** The actual location of existing waterline valve where the new 10-inch waterline is to be connected is in the detour travel lanes. The Work to connect the waterline requires disruption of water service. Disruption of water service is restricted to the hours of 11:00 PM to 5:30 AM. Therefore, FCI Constructors, Inc. is directed to perform this Work within the restricted hours to avoid disruption of water service to surrounding business and to minimize traffic congestion. FCI Constructors, Inc. has submitted PCO#11 in request of payment for this extra work.

**Cost of Change:** In accordance with Section 7.21.5 'COST OF WORK' of the General Provisions, compensate FCI Constructors, Inc for the differential cost for night shift labor; for the differential material and equipment costs to provide high-early-strength concrete; and for the equipment cost for nighttime traffic control.

For this work, the contractor shall receive and accept the Agreed Amount of \$ 4,552.55. This sum constitutes full and complete compensation for furnishing all labor, material, equipment, tools, and incidentals including all markups by reason of this change.

**Contract Time Adjustment:** By reason of this order the time of completion will be adjusted as follows: 0 Day(s).

**Cost Impact:** Increase X Decrease \_\_\_\_\_ No Change \_\_\_\_\_ in the Agreed Amount of \$ 4,552.55

Recommended by: \_\_\_\_\_

**David Toschak, Project Manager**  
**CITY OF OCEANSIDE**

Accepted By: \_\_\_\_\_

Printed Name: \_\_\_\_\_

**FCI Constructors, Inc.**  
**CONTRACTOR**

Approved by: \_\_\_\_\_

**Scott Smith, City Engineer**  
**CITY OF OCEANSIDE**

**Contract Summary:**

Initial Contract Amount: \$ 18,062,414.70  
Prior CCOs (1-7): \$ 20,423.47 ( 0.11%)  
Subtotal: \$ 18,082,838.17 ( 100.11%)  
Change Order No. 8: \$ 4,552.55 ( 0.02%)  
Total Contract Amount: \$ 18,087,390.72 ( 100.14%)

Additional Appropriation Required: \_\_\_\_\_  
Yes No

Original to: City Clerk

Copies to: Accounts Payable; Contractor; Inspector; File

**CITY OF OCEANSIDE  
CONTRACT CHANGE ORDER NO. 09**

DATE: April 26<sup>st</sup>, 2007  
 PROJECT # (501) 737556  
 CHANGE ORDER 9  
 PURCHASE ORDER # 77287-000

**PROJECT TITLE:**  
 Pacific Street Bridge Over The San Luis Rey River

**This change order provides for:** Eliminating Contract item No. 20 "Relocate Pay Box"

**Reason for Change:** The City decided to have parking lots 6,7 and 10 a free 2-hour parking limit during the course of the construction work.

**Cost of Change:** This change shall result on a **credit** to the City in the amount of the item bid cost of \$800.00

**Contract Time Adjustment:** No Time adjustment is warranted by reason of this change.

<b>Total for Change Order # 9</b>	<b>- \$800.00</b>	
Contract amount:	\$ 18,062,414.70	100.0%
Prior Change Orders	\$ <u>30,509.62</u>	<u>0.167%</u>
Subtotal	\$ 18,092,924.32	100.167%
Change Order 9	\$ <u>-800.00</u>	<u>- 0.0044%</u>
Total	\$ 18,092,124.32	100.163%

Cost Impact: Increase \_\_\_\_\_ Decrease X No Change \_\_\_\_\_

By reason of this order the time of completion will be adjusted as follows: 0 days.

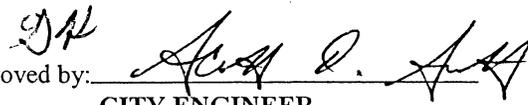
Recommended by:   
**Maryam Babaki, Project Manager**  
**CITY OF OCEANSIDE**

**Contract Summary:**

Initial Contract Amount: \$18,062,414.70  
 Change Order (9) - \$800.00  
 Change Orders to date \$30,509.62  
 Total to Date: \$18,092,124.32

Accepted By:   
**FCI Constructors, Inc., Contractor**

Printed Name: Ruben Claudio 4/26/07

Approved by:   
**CITY ENGINEER**  
**CITY OF OCEANSIDE**

Additional Appropriation Required: \_\_\_\_\_ X \_\_\_\_\_  
 Yes No

Original to: City Clerk  
 Copies to: Accounts Payable Contractor Inspector File

**CITY OF OCEANSIDE  
CONTRACT CHANGE ORDER NO. 10**

DATE: April 15<sup>th</sup>, 2007  
 PROJECT # (501) 737556  
 CHANGE ORDER 10  
 PURCHASE ORDER # 77287-000

**PROJECT TITLE:**  
 Pacific Street Bridge Over The San Luis Rey River

**This change order provides for:** Remove and dispose off outside the project's limits, the existing trash enclosures concrete pad (approx. 45'x35'x1') located at the northeast corner of parking lot #7. This is per field directive #2. Please note that a supplement to this change order shall be issued to address the compensation for the remaining portion of the work in due course.

**Reason for Change:** This change is requested by the City to make certain that the Harbor Dr. traffic Detour of phase II maintains comfortable and smooth ride ability to the motorists.

**Cost of Change:** Compensation to the Contractor shall be at an agreed Lump Sum price of \$2,783.19. This price includes full compensation on all Contractor's labor, materials, equipments, markups, overheads, profits and incidentals for the work of this change order.

**Contract Time Adjustment:** No time adjustment is warranted by reason of this change.

<b>Total for Change Order # 10</b>	<b>\$2,783.19</b>	
Contract amount:	\$ 18,062,414.70	100.0%
Prior Change Orders	\$ <u>20,423.47</u>	0.112%
Subtotal	\$ 18,082,838.17	100.112%
Change Order 10	\$ <u>2,783.19</u>	0.015%
Total	\$ 18,085,621.36	100.127%

Contractor shall not be entitled to any additional payment regarding the work of this Change Order.

Cost Impact: Increase X Decrease \_\_\_\_\_ No Change \_\_\_\_\_

By reason of this order the time of completion will be adjusted as follows: 0 day.

Recommended by: \_\_\_\_\_

**Maryam Babaki, Project Manager  
 CITY OF OCEANSIDE**

Contract Summary:

Initial Contract Amount:	\$18,062,414.70
Change Order (10)	\$2,783.19
Change Orders to date	\$ <u>20,423.47</u>
Total to Date:	\$18,085,621.36

Accepted By: Rubén Claudio  
**FCI Constructors, Inc., Contractor**

Printed Name: Rubén Claudio 4/17/04

Approved by: \_\_\_\_\_

**CITY ENGINEER  
 CITY OF OCEANSIDE**

Additional Appropriation Required: \_\_\_\_\_ X \_\_\_\_\_  
 Yes No

Original to: City Clerk  
 Copies to: Accounts Payable Contractor Inspector File



**CITY OF OCEANSIDE**  
**CONTRACT CHANGE ORDER NO. 12**

**PROJECT TITLE:**

**Pacific Street Bridge Over the San Luis Rey River**

DATE October 26, 2007  
 PROJECT No. (501) 737556  
 CHANGE ORDER No. 12  
 PURCHASE ORDER No. 77287-000

**This change order provides for:** the construction and removal of a detour at Pacific Street Sta. 25+60 to 15+40.03 as shown on Plan Sheet 13736B, "Stage Construction and Traffic Handling Plan, Phase II – SC-3" Revision 1.

**Reason for Change:** The location of Pacific Street Bridge Abutment 5, the shored excavation needed to construct the abutment 5 footing, and the temporary barrier rail to protect pedestrians from the excavation, encroach the existing northbound lane of Pacific Street along south bank of San Luis Rey River. Extra work is necessary to detour the existing Pacific Street lanes past the abutment construction and maintain the existing travel way. FCI Constructors, Inc. has submitted PCO#21 in request for payment for this extra work.

**Cost of Change:** In accordance with Section 7.21.4 'CHANGE IN CONTRACT PRICE' and Section 7.21.5 'COST OF WORK' of the General Provisions, this Change Order compensates FCI Constructors, Inc. for the extra work to construct and remove the detour shown on Plan Sheet 13736B, "Stage Construction and Traffic Handling Plan, Phase II – SC-3" Revision 1 as follows:

Increase in work at Item Bid Unit Price:

Item #06 Construction Area Signs	4 EA @ \$300.00	\$1,200.00	( +3.36%)
Item #15 Remove Painted Traffic Stripes & Markings	130 M @ \$5.00	\$650.00	( +15.29%)
Item #17 Remove Asphalt Concrete Berm	104 M @ \$3.00	\$312.00	( +23.64%)
Item #19 Relocate Roadside Sign	2 EA @ \$250.00	\$500.00	( +4.00%)
Item #30 Roadway Excavation	94M3 @ \$30.00	\$2,808.00	( +11.75%)
Item #40 Full Depth AC Repair	157 M2 @ \$145.00	\$22,765.00	( +28.81%)
Item #60 Paint Traffic Stripe (2 Coats)	130 M @ \$5.00	<u>\$650.00</u>	( +1.97%)
	Subtotal	\$28,885.00	

Increase in work at Cost of Work:

Provide traffic control and flagging for construction of the detour. Clear and grub landscaping adjacent to reconstructed shoulder. Install and remove temporary concrete barrier rail and traffic controls as shown in SC-3Rev.-1. Re-mobilize paving and stripping crew for work shown in SC-3 Rev.-1.

Subtotal for Cost of Work            \$17,234.91

For this extra work determined at Increase in Item at Bid Unit Price and at Cost of Work, the contractor shall receive and accept the Agreed Amount of \$ 46,119.91. This sum constitutes full and complete compensation for furnishing all labor, material, equipment, tools, and incidentals including all markups by reason of this change.

**PROJECT TITLE:**

**Pacific Street Bridge Over the San Luis Rey River**

DATE October 26, 2007  
PROJECT No. (501) 737556  
CHANGE ORDER No. 12 p.2  
PURCHASE ORDER No. 77287-000

**Contract Time Adjustment:** By reason of this order the time of completion will be adjusted as follows: 0 Day(s).

**Contract Cost Impact:** Increase X Decrease \_\_\_\_\_ No Change \_\_\_\_\_ in the Agreed Amount of \$ 46,119.91

Recommended by: \_\_\_\_\_

*[Signature]*  
**David Toschak, Project Manager**  
**CITY OF OCEANSIDE**

**Contract Summary:**

Initial Contract Amount: \$ 18,062,414.70  
Prior CCOs (1-11): \$ 39,587.25 ( 0.22%)  
Subtotal: \$ 18,102,001.95 ( 100.22%)  
Change Order No. 12: \$ 46,119.91 ( 0.25%)  
Total Contract Amount: \$ 18,148,121.86 ( 100.47%)

Accepted By: \_\_\_\_\_

*[Signature]* 10/30/07

Printed Name: \_\_\_\_\_

*[Signature]*  
**FCI Constructors, Inc.**  
**CONTRACTOR**

Approved by: \_\_\_\_\_

**Scott Smith, City Engineer**  
**CITY OF OCEANSIDE**

Additional Appropriation Required: \_\_\_\_\_  
Yes No

Original to: City Clerk  
Copies to: Accounts Payable; Contractor; Inspector; File

**CITY OF OCEANSIDE**  
**CONTRACT CHANGE ORDER NO. 13**

**PROJECT TITLE:**

**Pacific Street Bridge Over the San Luis Rey River**

DATE October 26, 2007  
PROJECT No. (501) 737556  
CHANGE ORDER No. 13  
PURCHASE ORDER No. 77287-000

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**This change order provides for:** extra work performed at the direction of SDG&E during the relocation the existing SDG&E underground electrical and gas facilities. This extra work includes an increased depth of the joint utility trench to accommodate spacing requirements between the SDG&E, SBC, and COX facilities within the trench; the revised SDG&E electrical pack joint intercept locations; the modified intercept location per SDG&E FCO #2 and applicable traffic controls.

**Reason for Change:** The installation of a cathodic line as required by SDG&E was not shown in Exhibit 8 of the Contract. Given the SDG&E requirements for a cathodic line and conduit spacing, the Contractor was directed to increase the depth of the joint utility trench. The increased trench depth required for shoring. The additional depth and shoring increased the work from that shown in Exhibit 8, Utility Agreements 2005-1, 2005-2, 2005-3, and 2005-4. As the joint trench work progressed, the intercept locations for the new electrical facility were determined by SDG&E to be at locations other than that shown in Exhibit 8. The additional work and delays in determining acceptable intercept locations could not have been anticipated by the Contractor. Furthermore, SDG&E determined that the existing facility contained asbestos materials. Environmental requirements for handling of asbestos material would have delayed the Project. To prevent delay, SDG&E provided SDG&E Field Change Order #2 to minimize the handling asbestos and avoid delay by extended the joint trench to handholds in the existing electrical facility. The additional work to extend the joint trench to existing handhold could not have been anticipated by the Contractor. For these changes FCI Constructors, Inc. has submitted PCO(s) #20, #24, and #25 in request for payment.

**Cost of Change:** In accordance with Section 7.21.4 'CHANGE IN CONTRACT PRICE', Subsection (b) and Section 7.21.5 'COST OF WORK' of the General Provisions, this Change Order compensates FCI Constructors, Inc. for the extra work to complete the utility relocations of Exhibit 8, Utility Agreements 2005-1 and 2005-2 in compliance with SDG&E.

For this extra work, the contractor shall receive and accept the Agreed Amount of \$133,303.84. This sum constitutes full and complete compensation for furnishing all labor, material, equipment, tools, and incidentals including all markups by reason of this change.

**PROJECT TITLE:**

**Pacific Street Bridge Over the San Luis Rey River**

DATE October 26, 2007

PROJECT No. (501) 737556

CHANGE ORDER No. 13p2

PURCHASE ORDER No. 77287-000

**Contract Time Adjustment:** By reason of this order the time of completion will be adjusted as follows: 0 Day(s).

**Contract Cost Impact:** Increase  Decrease  No Change  in the Agreed Amount of \$ 133,303.84

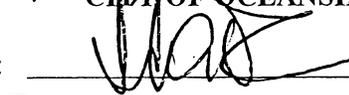
Recommended by: \_\_\_\_\_

  
**David Toschak, Project Manager**  
**CITY OF OCEANSIDE**

**Contract Summary:**

Initial Contract Amount: \$ 18,062,414.70  
Prior CCOs (1-12): \$ 85,787.16 ( 0.47%)  
Subtotal: \$ 18,148,121.86 ( 100.47%)  
Change Order No. 13: \$ 133,303.84 ( 0.74%)  
Total Contract Amount: \$ 18,281,425.70 ( 101.21%)

Accepted By: \_\_\_\_\_

 10/30/07  
**Scott N. Turner, Area Mgr**  
**FCI Constructors, Inc.**  
**CONTRACTOR**

Printed Name: \_\_\_\_\_

Approved by: \_\_\_\_\_

**Scott Smith, City Engineer**  
**CITY OF OCEANSIDE**

Additional Appropriation Required:  Yes  No

Original to: City Clerk  
Copies to: Accounts Payable; Contractor; Inspector; File