



Meeting Date: 02 / 08 / 11

ACTION	TYPE OF ITEM
<input type="checkbox"/> Approved Recommendation	<input checked="" type="checkbox"/> Info/Consent
<input type="checkbox"/> Ord. No(s). _____	<input type="checkbox"/> Report
<input type="checkbox"/> Res. No(s). _____	<input type="checkbox"/> Public Hearing (Info/consent)
<input type="checkbox"/> Other _____	<input type="checkbox"/> Other _____

Prepared By: Lou Bakerrama, City Engineer

Agenda Item No. **I-5**

Reviewed By: City Manager MMK City Attorney MA Finance JC Other (Specify) _____

DATE: January 28, 2011

TO: City Council

FROM: Rob Roshanian, Interim Public Works Director
Public Works Department

SUBJECT: Change Order No. 8 to Public Work Contract No. A-7285 with Don Kelly Construction, Incorporated for the Ventura Road Utility Improvements and Resurfacing Project - Phase II

RECOMMENDATION

That City Council approve and authorize the Mayor to execute Change Order No. 8 with Don Kelly Construction, Incorporated (Don Kelly Construction) to increase the amount of construction cost of the Ventura Road Utility Improvements and Resurfacing Project Phase II (Ventura Road Improvement Project) from \$8,422,621.29 to \$8,533,670.29 for the sum addition of \$111,049 (Contract No. A-7285).

DISCUSSION

On January 12, 2010 the City Council approved Project Specification No. PW09-15 for utility infrastructure improvements to include sewer gravity lines, sewer force main, water pipeline, recycled water pipeline, and subsequent street resurfacing of Ventura Road between Gonzales Road and Wagon Wheel Road and authorized staff to solicit bids for the project. Through a competitive bid process, Don Kelly Construction was awarded the project and construction started on May 18, 2010.

As construction progressed, changes were made to the design and extent of various components of the pavement restoration for Ventura Road resulting from changed conditions and directives from City staff. All changes have been made at the unit costs specified in Public Work Contract A-7285 for the actual amount of asphalt material applied to the scope of Change Order No. 8. The following represents the scope of work of Change Order No. 8:

Redesign from 1-1/2-inch to 2-inch Asphalt Rubber Cap: Due to recent changes in Caltrans paving standards regarding the poor serviceability of utilizing a 1-1/2-inch asphalt rubber cap on major roadways, pavement thickness for the cap on Ventura Road was changed from 1-1/2 inches to 2 inches thick. The base section was reduced by 1/2-inch so that the overall pavement cross section depth is unchanged. The changes will be paid for under the respective unit bid prices for asphalt material. The 2-inch Asphalt Rubber Cap additional cost is \$39,485.

January 28, 2011

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Roadway Resurfacing Redesign – Vineyard Avenue (Sta 37+00) to approximately 700 feet north of Stone Creek Drive (Sta 56+00): Testing by soils consultant Earth Systems revealed that the subgrade material encountered in the southbound lanes of Ventura Road from Vineyard Avenue to approximately 700 feet north of Stone Creek Drive did not have the capacity to support the roadway as designed. The original design specified a roadway section of 8-inch compacted aggregate base to support the asphalt pavement. In order to provide necessary structural support for the asphalt paving, the compacted aggregate base was increased to 12 inches thick. The Roadway Resurfacing Redesign is an additional cost of \$36,250.

Ventura Road and Wagon Wheel Road intersection: Ventura Road and Wagon Wheel Road intersection was the only section of pavement which was not scheduled for curb to curb restoration. The existing pavement was to be trenched with sections removed to accommodate realignment of the potable water main and recycled water main to avoid crossing a box culvert drain at a savings of \$31,500.00. This resulted in the need to resurface the entire intersection. Trench pavement restoration for the roadway with different trench widths and alignments was determined to not be an acceptable finished product and resulted in the recommendation to resurface the entire intersection. The Ventura Road and Wagon Wheel Road intersection revisions cost is \$35,314.00.

FINANCIAL IMPACT

Change Order No. 8 increases the construction cost from \$8,422,621.29 to \$8,533,670.29 for the sum addition of \$111,049 to the Ventura Road Improvement Project No. 106503 including \$48,155.56 from Account No. 611-6555-821-8610, \$34,033.99 from Account No. 609-6555-821-8610, \$21,644.59 from Account No. 609-6555-821-8604, and \$7,214.86 from Account No. 276-6555-821-8604. The Ventura Road Improvement Project has sufficient funds to cover the cost of Change Order No. 8.

Attachment #1 - Change Order No. 8 to Contract No. A-7285

Change Order No. 8

3. Ventura Road and Wagon Wheel Road Intersection - Ventura Road and Wagon Wheel Road intersection was the only section of the project which was not scheduled for curb to curb restoration. The existing pavement was to be T-cut and trenched, along with sections removed to accommodate required casing bore pits. Additionally, realignment of the Potable Water Main and Recycled Water Main to save a casing crossing of box culvert drain at a savings of \$31,500.00, resulted in a single wide pavement replacement rather than two (2) independent trench repairs.

Trench pavement restoration for the roadway with different trench widths and alignments was deemed to result in a non-aesthetic look and prone to uneven driving surfaces. One (1) area of change extended full depth roadway restoration along the traffic median as denoted by #3 Asphalt Concrete Pavement Section per Detail 3, Sheet ST-05. The second area of change was additional grind area as denoted by #5 Asphalt Grind Area (Depth = 0.17") & 0.17" overlay (0.17" ARHM-GG) per Detail 1, Sheet ST-05.

Additional Detail 1 area - Grind and Overlay is approximately 2,260 square yards.

Additional Detail 3 area - Asphalt Concrete Pavement is approximately 225 square yards.

- Item #16 - Cold Mill 0.17" to 0.20" 2,260 s.y. @ \$2.40 per s.y. = \$5,424.00 (Water Main, Sanitary Sewer, Recycled Water)
- Item #18 - Asphalt Rubber Hot Mix 245 tons @ \$122.00/ ton = \$29,890.00 (Water Main, Sanitary Sewer, Recycled Water)

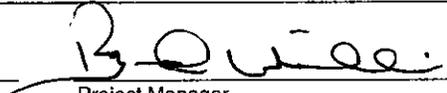
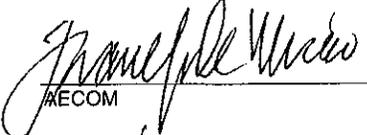
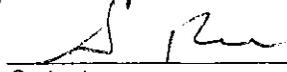
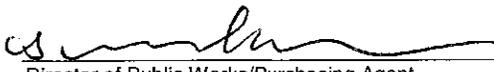
Additional Cost Ventura Road and Wagon Wheel Road Intersection Revisions - \$35,314.00.

1. Two (2") inch Asphalt Rubber Cap Additional Cost	\$39,485.00
2. Roadway Resurfacing Redesign additional cost	\$36,250.00
3. Ventura Road and Wagon Wheel Road Intersection Revisions Cost	\$35,314.00
Total Change Order No.8 - Pavement Revisions	\$111,049.00

1. Amount of original contract	\$7,990,770.61
2. Sum of prior change orders (NO. <u>1</u> THRU <u>7</u>)	\$431,850.68
3. Sum of contract prior to this change order	\$ 8,422,621.29
4. Amount of this change order	\$111,049.00
5. Sum of contract including this change order	\$ 8,533,670.29

Contract time will be changed by 0 days
 Completion date of this change order is 07/31/11

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

Dr. Thomas E. Holden, Mayor	Date		2-1-11
		Project Manager	Date
Daniel Martinez, City Clerk	Date		01 Feb 2011
		Client	Date
			1-29-11
		City Engineer	Date
	1-25-2011		1-28-11
RECOM	Date	Administrative Services	Date
	1-27-11		1/29/11
Contractor	Date	Director of Public Works/Purchasing Agent	Date



AECOM
5851 Thille Street
Suite 201
Ventura, CA 93003
www.aecom.com

805 644 9704 tel
805 642 8277 fax

January 25, 2011

Mr. Raymond Williams
Project Manager
Public Works Department – Water Resources Division
CITY OF OXNARD
305 West Third Street
Oxnard, CA 93030

**Subject: City of Oxnard – GREAT Program
Ventura Road Utility Improvements and Resurfacing Project
Specification No. PW09-15, Contract A-7285
Revised Change Order No. 8 – Pavement Revisions**

Dear Raymond:

Attached are five (5) copies of revised Change Order No. 8 to document costs of the following:

During the course of the project to date, changes have been made to the design and extent of various components of the pavement restoration for Ventura Road resulting from changed conditions and directives from City staff. All changes have been made at the unit costs of the respective items within the contract.

Total Change Order No. 8 – Pavement Revisions	\$ 111,049.00
Sanitary Sewer and Force Main	\$ 48,155.56
Potable Water Main	\$ 34,033.99
Recycled Water Main	<u>\$ 28,859.45</u>
Total	\$ 111,049.00

The following is an update of the construction contract cost including Change Order No. 8:

Construction Costs Status:

Contract Amount	\$ 7,990,770.61
Change Order No. 1 thru 5 (Approved)	\$ 406,050.40
Change Order No. 6	\$ 23,923.57
Change Order No. 7	\$ 1,876.71
Change Order No. 8	\$ <u>111,049.00</u>
Revised Contract Amount	\$ 8,533,670.29

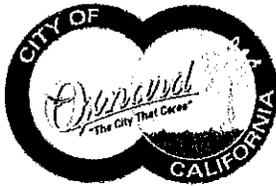
Please do not hesitate to call if you have any questions.

Sincerely,



Frank J. DeMicco, PE
Resident Engineer

Attachments: Change Order No. 8 w/supporting documents



**City of Oxnard
GREAT Program
Ventura Road Utility Improvements and Resurfacing Project (VRIP)
CHANGE ORDER STATUS**

Original Contract Amount **\$ 7,990,770.61**

Approved Change Orders

<u>Description</u>	<u>Change Order Amount</u>
Change Order No. 1 – Open-cut installation of Recycled Water Main in Gonzales Road and Ventura Road	\$ 206,104.67
Change Order No. 2 – City Standard Plate 602 Backfill Zone Material Waiver	\$ 7,481.25
Change Order No. 3 – Overruns of Item Nos. 82 and 103 – Casings	\$ 41,400.00
Change Order No. 4 – Water Services Replacements	\$ 71,603.64
Change Order No. 5 – Sanitary Sewer Upsizing 10" to 15" diameter	\$ 79,460.84
Total Approved Change Orders	\$ 406,050.40

Revised Contract Amount **\$ 8,396,821.01**

Change Orders (Pending)

<u>Description</u>	<u>Change Order Amount</u>
Change Order No. 6: Message Boards and Union Pacific RR Insurance	\$ 23,923.57
Change Order No. 7: Additional Soil Sterilant	\$ 1,876.71
Change Order No. 8: Pavement Revisions	\$ <u>111,049.00</u>
SUB TOTAL:	\$ 136,849.28

Pending Revised Contract Amount **TOTAL: \$ 8,533,670.29 (6.8%)**

