

MONTEREY COUNTY

RESOURCE MANAGEMENT AGENCY

Benny J. Young, Director
Carl P. Holm, AICP, Deputy Director



Michael A. Rodriguez, C.B.O., Chief Building Official
Michael Novo, AICP, Director of Planning
Robert K. Murdoch, P.E., Director of Public Works

168 W. Alisal Street, 2nd Floor
Salinas, CA 93901
<http://www.co.monterey.ca.us/rma>

MEMORANDUM

Date: October 14, 2014

To: County of Monterey Board of Supervisors

From: Robert K. Murdoch, P.E.

Subject: DAVIS ROAD CLASS II BIKEWAY PROJECT

The purpose of this memorandum is to notify the Board of Supervisor of the approval of Change Orders No. 2, 4, 5, 6, and 7 for the Davis Road Class II Bikeway Project (Project). The cumulative total of Changer Orders will exceed the authorized change order authority for the Project. The approval of Change Orders No. 2, 4, 5, 6, and 7 are being made in accordance with the Contract Change Order Procedure for Public Works Construction Contracts, dated August 28, 2001 [Procedure approved by the Board on 08-28-2001] to avoid project construction delays and additional costs.

The Board of Supervisor awarded a construction contract to Monterey Peninsula Engineering, Inc., on June 17, 2014 for the Project in the amount of \$713,801.85. The Project budget included \$71,380 for contingencies. Since beginning construction, the following eight change orders have been approved:

Change Order #1	Re-grade of Curb and Gutter forms	\$3,100
Changer Order #2	Changes to guardrailing	\$9,432
Change Order #3	Video cameras in lieu of loops	(\$1250)
Change Order #4	Modify existing island at Blanco/Davis intersection	\$10,000
Change Order #5	Enhanced bicycle striping	\$126,640
Change Order #6	Relocation of light pole foundation	\$21,744
Change Order #7	Widen shoulder embankment along northwest bridge approach	\$8,000
Change Order #8	Bid Item quantity adjustments	\$60,000

Total \$237,666

Change Order No. 2 addresses changes to the end treatment of the southeasterly guardrail to

satisfy existing specifications. The cost of this change order is estimated to be \$9,432. Change Order No. 4 addresses the unpaved area adjacent to the bike lane near the Blanco Road/Davis road intersection. The area needs to be paved to prevent dirt and debris from accumulating along the bike lane and creating a safety concern. The cost of this change order is estimated to be \$10,000. Change Order No. 5 addresses the need to provide a buffer between the bicycles and the adjacent vehicles. This change will also provide the installation of green markings at the intersections along Davis Road to enhance bicycle safety. The cost of this change order is estimated to be \$126,640. Change Order No. 6 addresses the need to relocate the light pole foundation that is in conflict with guardrail posts. The cost of this change order is estimated to be \$21,744. Change Order No. 7 addresses the need to widen the shoulder embankment along the northwesterly approach to the bridge. The cost of this change order is estimated to be \$8,000. Lastly, Change Order No. 8 is standard procedure to provide a contract change order to balance the bid item quantities to account for actual field measurements and quantities. The cost of this change order is estimated to be approximately \$60,000.

RMA-Public Works will be requesting approval from the Board of Supervisor to increase the contingency amount for this Project at the next available Board of Supervisor meeting per the adopted Contract Change Order Procedure for Public Works Construction Contracts, dated August 28, 2001 [Procedure approved by the Board on 08-28-2001].

Attachment(s):

Change Orders Log, Board Order for Contract Change Order Procedure for Public Works Construction Contracts dated August 28, 2001

cc: Lew Bauman, County CAO
Carl Holm, RMA Acting Director
Paul Greenway, Assistant Director, RMA-Public Works



CONTRACT CHANGE ORDER (CCO) LOG

Davis Road Class II Bikeway
Federal Aid Project No. RPSTPLE 5944(104)
STATE NO. 054A2784L
CONTRACT NO. 14-869465

Job Stamp:

1/27/2013 14:54

CCO NO.	CCO DESCRIPTION	CCO ORIGIN (SEE NOTES BELOW)	REASON FOR CHANGE (SEE NOTES BELOW)	METHOD OF PAYMENT (LS, HP, FA) (IT or AC)	NTP DATE	ACTION DATES		CCO ESTIMATES			ACTUAL EXPENDITURE BALANCES				EXECUTED CCO TIME ADJUST. (CAL. DAYS)
						TO CONTRACTOR	FROM CONTRACTOR	ENACTED TO CONTRACTOR	TOTAL OF CCO	ESTIMATED CONTINGENCY BALANCE	CONTRACT ITEM PRICE	EW AT FA, AP, LS AMOUNT	TOTAL OF CCO	CALCULATED CONTINGENCY BALANCE	
									\$71,380.00	\$71,380.00	Original Contingency Balance:	\$71,380.00	\$71,380.00	\$71,380.00	
01	Regrade curb & gutter forms	1	1	LS				\$3,100.00	\$68,280.00	\$0.00	\$0.00	\$3,100.00	\$68,280.00	\$71,380.00	1
02	Changes to guardrail	1	5	LS				\$9,432.00	\$38,848.00	\$0.00	\$0.00	\$16,000.00	\$52,280.00	\$71,380.00	1
03	Video cameras in lieu of loops	4	4	LS				(\$1,250.00)	\$60,098.00	\$0.00	\$0.00	(\$1,250.00)	\$53,530.00	\$71,380.00	0
04	Modify existing "island" @ Blanco & Davis	1	2	LS				\$10,000.00	\$50,098.00	\$325.00	\$325.00	\$10,000.00	\$43,530.00	\$71,380.00	0
05	Additional striping	1	2	LS				\$126,640.00	(\$76,543.00)	\$0.00	\$0.00	\$22,750.00	\$70,780.00	\$71,380.00	0
06	Light pole foundation	1	3	LS				\$31,744.00	(\$98,286.00)						
07	Widen Shoulder	1	5	FA				\$8,000.00	(\$106,286.00)						
08	Item adjustments	1						\$60,000.00	(\$166,286.00)						

CCO ORIGIN

- 1 = OWNER
- 2 = DESIGN CONSULTANT
- 3 = CONTRACTOR
- 4 = OTHER

REASON FOR CCO

- 1 = OWNER INITIATED SCOPE CHANGES
- 2 = DESIGNER INITIATED SCOPE CHANGES
- 3 = CHANGES REQUIRED DUE TO NEW STANDARDS OR REGULATIONS
- 4 = THIRD PARTY REQUESTS (SUCH AS CALTRANS, UTILITY COMPANIES, ETC.)
- 5 = DIFFERING SITE CONDITIONS
- 6 = CONTRACT DOCUMENT DISCREPANCIES
- 7 = SCHEDULE CHANGES
- 8 = VALUE ENGINEERING
- 9 = OTHER

CCO shading indicates either:

- 1. CCO has been canceled or disapproved.
- 2. CCO has been fully executed/closed out.

Before the Board of Supervisors in and for the
County of Monterey, State of California

PAV2
RECEIVED
AUG 30 2001
MF

PUBLIC WORKS - ADMIN

Approve the Revised Contract Change Order Procedure for)
Construction Contracts Administered by the Public Works)
Department.)

Upon motion of Supervisor Potter, seconded by Supervisor Armenta, and carried by those members present, the Board hereby approves the revised Contract Change Order Procedure for construction contracts administered by the Public Works Department as follows:

The authority to approve change orders to County contracts for construction of capital improvements, or to the engineering design of subdivision infrastructure improvements under the administration or purview of the Public Works Department, is delegated by the Board of Supervisors to the Public Works Director when the contractor or developer has signed the change order for the following types of changes:

1. For engineering plans for subdivision infrastructure improvements that are under the administration or purview of the Public Works Department, any changes in the design of the improvements wherein the improvements remain in conformance with the previously adopted subdivision conditions and agreements and that result in no additional costs to the County.
2. For County contracts administered by the Public Works Department for construction of capital improvement projects:
 - a) Work to be done by force account or agreed price.
 - b) A settlement for a contractor's claim approved before the contract project is accepted.
 - c) The contract specifications state that work is to be done by extra work or agreed price.
 - d) Changes in field conditions.
 - e) Balancing change orders by which the contract items are adjusted to the actual work completed.
 - f) The amounts of such change orders for which the Director is granted authority to approve shall not exceed the following amounts:
 - (1) Up to five thousand dollars (\$5,000) for projects where the total amount of the original contract is less than fifty thousand dollars (\$50,000)
 - (2) Up to 10 percent of the amount of the original contract amount for projects where the original contract amount exceeds fifty thousand dollars (\$50,000), but does not exceed two hundred fifty thousand dollars (\$250,000).

(3) Up to twenty-five thousand dollars (\$25,000) plus 5 percent of the amount of the original contract cost in excess of two hundred fifty thousand dollars (\$250,000) for projects where the original contract amount exceeds two hundred fifty thousand dollars (\$250,000). In no event shall any such change or alteration exceed one hundred fifty thousand dollars (\$150,000).

3. The Public Works Director is further authorized to give prior approval to change order work which would otherwise require approval by the Board of Supervisors when in the judgment of the Public Works Director a delay for Board approval would adversely affect the County's interest in the progress of the work. In such a case, the Public Works Director shall submit a memorandum to the Board of Supervisors explaining the need for immediate approval of the change order, and the item will be placed on the next available Board of Supervisors agenda.

The Board of Supervisors reserves the authority to approve contract change orders for construction of capital improvement projects administered by the Public Works Department which do not meet the above criteria.

PASSED AND ADOPTED on this 28th day of August 2001, by the following vote, to-wit:

AYES: Supervisors Armenta, Pennycook, Calcagno, Johnsen, and Potter

NOES: None

ABSENT: None

I, Sally R. Reed, Clerk of the Board of Supervisors of the County of Monterey, State of California, hereby certify that the foregoing is a true copy of an original order of said Board of Supervisors duly made and entered in the minutes thereof at page --- of Minute Book 70, on August 28, 2001.
 Dated:

August 29, 2001

Sally R. Reed, Clerk of the Board of Supervisors, County of Monterey,
 State of California.

By Cynthia Juarez
 Cynthia Juarez, Deputy

1) \$5000 upto \$50,000

2) 10% upto \$250,000

3) \$25,000 + 5% for excess over \$250k.

for projects upto \$500,000 : \$37,500.00

for projects up to \$1M : \$62,500.00

for projects up to \$1.5M : \$87,500.00

\$2M : \$112,500.00

> \$2.5M : \$150,000.00