

City of Costa Mesa

Sheet 1 of 2

**Contract Change Order**

CEM-4900 (OLD HC-5 REV. 8/97) CT # 7541-3501-0

Change Requested by: Engineer  Contractor

CCO No.	Suppl. No.	Contract No.	Road	Federal Number(s)
2	0	07-22	I-405 Harbor Boulevard	N/A

To **Beador Construction Company** Contractor

You are directed to make the following changes from the plans and specifications or do the following described work not included in the plans and specifications for this contract. **NOTE: This change order is not effective until approved by the Engineer.**

**EXTRA WORK AT AGREED LUMP SUM**

Furnish and install the tieback anchors as shown on sheets 2 and 2 of this contract change order and in accordance with Section 10-1.36, "Tieback Anchor," of the Contract Special Provisions.

For this work the Contractor shall be paid the lump sum of \$216,145.50. This sum constitutes full compensation, including all markups, for this change.

Total Cost.....\$216,145.50

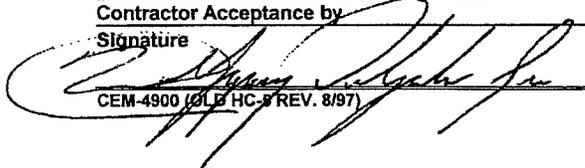
Decrease  Increase  \$ 216,145.50

By reason of this order the time of completion will be adjusted as follows: Deferred

Submitted by  
 Signature  (Print name & title) Kevin Tran, Resident Engineer Date 1-30-08

Approval Recommended by  
 Signature \_\_\_\_\_ (Print name & title) Peter Naghavi, Mgr., Transportation Services Date \_\_\_\_\_

We the undersigned contractor, have given careful consideration to the change proposed and agree, if this proposal is approved, that we will provide all equipment, furnish the 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. **NOTE: If you, the contractor, do not sign acceptance of this order, your attention is directed to the requirements of the specification as to proceeding with the ordered work and filing a written protest within the time therein specified.**

Contractor Acceptance by  
 Signature  (Print name & title) Wolfgang Delgado Sr PM Date 02-06-08

Harbor Blvd  
 City of Costa Mesa

 1/17/2008  
 Rev. 1

## Revised Tieback Pricing

## Original Quantities

## Revised Plans 1/14/08

No. TB	119 EA.	119 EA.	
Tieback	892 LM	1787 LM	(LM = Lineal Meter)
Increase Quantity	Total Drilling	895 LM	

## Cost per TB Original

Anchorage	\$125 /EA	
Stress and Test	\$100 /EA	
TB, Drill, Install	\$1,725 /EA	\$230 /LM
Total Price/Each	\$1,950	

## Requested Revised Pricing (CCO)

Increase LF TB, Drill, Install	895 LM at	\$230 /LM	\$205,850
Revised Total Contract Amount			+ Contractor markup
Mob	\$25,000		
TB	\$232,050		
TB (CCO)	\$205,850		
Shotcrete	\$96,800		
<b>Total Price</b>	<b>\$559,700</b>		

Harbor Blvd., City of Cost Mesa

1. Quantities per Original Contract Documents

Station along Wall LOL		Wall Section	Stage	No. of Anchors ea.	Bond Length m	Stressing Length m	Anchor Length m	Cumulative Total m
m	m							
10+00	10+03	A-A	4	1	6.00	1.50	7.50	7.50
10+03	10+10	B-B	4	2	6.00	1.50	7.50	15.00
			3	2	6.00	1.50	7.50	15.00
10+10	10+16	D-D	4	2	6.00	1.50	7.50	15.00
			3	2	6.00	1.50	7.50	15.00
			2	2	6.00	1.50	7.50	15.00
10+16	10+19	H-H	4	1	6.00	1.50	7.50	7.50
			3	1	6.00	1.50	7.50	7.50
			2	1	6.00	1.50	7.50	7.50
			1	1	6.00	1.50	7.50	7.50
10+19	10+55	G-G	4	11	6.00	1.50	7.50	82.50
			3	11	6.00	1.50	7.50	82.50
			2	11	6.00	1.50	7.50	82.50
			1	11	6.00	1.50	7.50	82.50
10+55	10+97	E-E & F-F	4	13	6.00	1.50	7.50	97.50
			3	13	6.00	1.50	7.50	97.50
			2	13	6.00	1.50	7.50	97.50
10+97	11+05	D-D	4	2	6.00	1.50	7.50	15.00
			3	2	6.00	1.50	7.50	15.00
			2	2	6.00	1.50	7.50	15.00
11+05	11+20	C-C	4	5	6.00	1.50	7.50	37.50
			3	5	6.00	1.50	7.50	37.50
11+20	11+27	B-B	4	2	6.00	1.50	7.50	15.00
			3	2	6.00	1.50	7.50	15.00
11+27	11+30	A-A	4	1	6.00	1.50	7.50	7.50
				119				892.50

**Harbor Blvd., City of Cost Mesa**  
**2. Quantities per Revised Contract Documents**

Station along Wall LOL		Wall Section	Stage	No. of Anchors	Bond Length	Revised Stressing Length	Revised Anchor Length	Cumulative Total
m	m			ea.	m	m	m	m
10+00	10+03	A-A	4	1	6.00	4.60	10.60	10.60
10+03	10+10	B-B	3	2	6.00	6.30	12.30	24.60
			4	2	6.00	4.60	10.60	21.20
10+10	10+16	D-D	2	2	6.00	8.70	14.70	29.40
			3	2	6.00	7.20	13.20	26.40
			4	2	6.00	5.50	11.50	23.00
10+16	10+19	H-H	1	1	6.00	11.50	17.50	17.50
			2	1	6.00	10.20	16.20	16.20
			3	1	6.00	8.80	14.80	14.80
			4	1	6.00	7.20	13.20	13.20
10+19	10+55	G-G	1	11	6.00	13.00	19.00	209.00
			2	11	6.00	11.50	17.50	192.50
			3	11	6.00	10.20	16.20	178.20
			4	11	6.00	8.20	14.20	156.20
10+55	10+97	E-E & F-F	2	13	6.00	10.30	16.30	211.90
			3	13	6.00	8.80	14.80	192.40
			4	13	6.00	7.10	13.10	170.30
10+97	11+05	D-D	2	2	6.00	8.70	14.70	29.40
			3	2	6.00	7.20	13.20	26.40
			4	2	6.00	5.50	11.50	23.00
11+05	11+20	C-C	3	5	6.00	9.40	15.40	77.00
			4	5	6.00	7.50	13.50	67.50
11+20	11+27	B-B	3	2	6.00	6.30	12.30	24.60
			4	2	6.00	4.60	10.60	21.20
11+27	11+30	A-A	4	1	6.00	4.60	10.60	10.60
				119				1787.10