

**Statement of Final Quantities - Santa Barbara County Flood Control and Water Conservation District
 Unit II Channel Improvements Project
 Contract Items, Extra Work and Deductions**

Santa Barbara County Flood Control and Water Conservation District:
 Unit II Channel Improvements Project

Contractor: **Whitaker Construction Group, Inc.**

Original Contract Price:	\$1,840,622.95
Extra Work-CCO:	\$119,126.88
Final Quantity Variance Adjustment:	(\$6,937.48)
Subtotal:	<u>\$1,952,812.35</u>
Deductions:	<u>\$56,000.00</u>
Total Payment to Contractor:	<u><u>\$1,896,812.35</u></u>


Accepted as full payment:

By:  11-7-18
 Contractor Date

Accepted as full payment with the following exceptions:

By: _____
 Contractor Date

Prepared By: RESIDENT ENGINEER 11-16-18
 Title Date

Submitted By:  11-16-18
 Resident Engineer Date

Approval Recommended:  11-16-18
 Civil Engineer Manager Date

Approval Recommended:  11-16-18
 Director of Public Works Date

Approved: _____
 Board of Directors Date

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FINAL QUANTITY VARIANCE AND DEDUCTIONS - SANTA BARBARA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT - UNIT II CHANNEL
IMPROVEMENTS PROJECT

Final Quantity Variance

No.	Description	Bid Quantity	Unit	Final Quantity	Unit Price	Total Variance	Amount earned
1	Construction Survey	1.00	LS	1.00	\$ 30,000.00	\$ -	\$30,000.00
2	Traffic Control System	1.00	LS	1.00	\$1,000.00	\$ -	\$1,000.00
3	Construction Area Signs	1.00	LS	1.00	\$1,000.00	\$ -	\$1,000.00
4	Job Site Management	1.00	LS	1.00	\$50,000.00	\$ -	\$50,000.00
5	Temporary Clear Water Diversion System	1.00	LS	1.00	\$30,000.00	\$ -	\$30,000.00
6	Prepare Storm Water Pollution Prevention Plan	1.00	LS	1.00	\$3,000.00	\$ -	\$3,000.00
7	Rain Event Action Plan	3.00	EA	1.00	\$500.00	\$ (1,000.00)	\$500.00
8	Storm Water Sampling and Analysis Day	1.00	EA	0.00	\$500.00	\$ (500.00)	\$0.00
9	Storm Water Annual Report	1.00	EA	0.00	\$2,000.00	\$ (2,000.00)	\$0.00
10	Temporary Fencing (ESA)	14000.00	LF	14000.00	\$4.50	\$ -	\$63,000.00
11	Remove Corrugated Metal Pipe	45.00	LF	45.00	\$40.00	\$ -	\$1,800.00
12	Reconstruct Metal Beam Guard Railing (Wood Post)	43.00	LF	37.50	\$60.00	\$ (330.00)	\$2,250.00
13	Remove Concrete	308.00	CY	328.50	\$85.00	\$ 1,742.50	\$27,922.50
14	Sand Backfill	88.00	CY	88.00	\$100.00	\$ -	\$8,800.00
15	Clearing and Grubbing	15.60	AC	15.60	\$3,200.00	\$ -	\$49,920.00
16	Excavation	29195.00	CY	29195.00	\$11.45	\$ -	\$334,282.75
17	4" Class 2 Aggregate Base Road	43.00	CY	53.75	\$140.00	\$ 1,505.00	\$7,525.00
18	Temporary Shoring	1.00	LS	1.00	\$50,000.00	\$ -	\$50,000.00
19	Structural Concrete, Lateral Overflow Weir	301.00	CY	301.00	\$475.00	\$ -	\$142,975.00
20	Structural Concrete, Inlet Retaining Wall	31.00	CY	31.00	\$3,500.00	\$ -	\$108,500.00
21	Structural Concrete Outlet Headwall	117.00	CY	117.00	\$1,602.00	\$ -	\$187,434.00
22	Bar Reinforcing Steel	20836.00	LB	20836.00	\$4.70	\$ -	\$97,929.20
23	Construct & Install Eastern 72" RCP	9.00	LF	11.00	\$2,500.00	\$ 5,000.00	\$27,500.00
24	Construct & Install Western 72" RCP	37.00	LF	37.00	\$1,500.00	\$ -	\$55,500.00
25	54" Corrugated Steel Pipe (.109" Thick)	45.00	LF	45.00	\$454.00	\$ -	\$20,430.00
26	Extend 18" Lateral Drain	1.00	EA	1.00	\$7,000.00	\$ -	\$7,000.00
27	Outlet Structure and Flap Gate with LVSP Conform Grading	11.00	EA	12.00	\$5,800.00	\$ 5,800.00	\$69,600.00
28	Salvage, Store, and Reset Existing RSP (Method A)	60.00	CY	60.00	\$90.00	\$ -	\$5,400.00
29	Import and Install Rip Rap	386.00	TON	386.45	\$140.00	\$ 63.00	\$54,103.00
30	Rock Slope Protection (Facing, Method B)	12.00	CY	12.00	\$180.00	\$ -	\$2,160.00
31	Slope Paving (Concrete)	51.00	CY	51.00	\$750.00	\$ -	\$38,250.00
32	Rodent Control Material	4320.00	SF	4320.00	\$6.50	\$ -	\$28,080.00
33	Minor Concrete (Misc Const., Grade Control Structure)	234.00	CY	233.74	\$648.00	\$ (168.48)	\$151,463.52
34	Minor Concrete (Misc Const., Concrete Collar)	5.00	CY	5.00	\$1,500.00	\$ -	\$7,500.00
35	Protect in Place Guadalupe 8" Waterline	1.00	LS	1.00	\$20,000.00	\$ -	\$20,000.00
36	Salvage and reconstruct air/vac	1.00	LS	1.00	\$3,000.00	\$ -	\$3,000.00
37	Salvage and reconstruct raptor pole, gate & signs	1.00	LS	1.00	\$3,000.00	\$ -	\$3,000.00
38	Survey Monument Preservation	13.00	EA	8.00	\$2,155.00	\$ (10,775.00)	\$17,240.00
39	Metal Beam Guard Railing	10.00	LF	34.50	\$85.00	\$ 2,082.50	\$2,932.50
40	Cable Railing	185.00	LF	124.00	\$137.00	\$ (8,357.00)	\$16,988.00
41	Mobilization, Demobilization, Bonds and Insurance	1.00	LS	1.00	\$105,700.00	\$ -	\$105,700.00
42	CCO #1 Phase 2 Extra Time	1.00	LS	1.00	\$0.00	\$ -	\$0.00
43	CCO #2 East and West-side Base, various T&M work	1.00	LS	1.00	\$101,108.93	\$ -	\$101,108.93
44	CCO #3 Remaining T&M work, remaining East-side AB	1.00	LS	1.00	\$18,017.95	\$ -	\$18,017.95
Total Variance						-\$6,937.48	\$1,952,812.35 -\$56,000.00 \$1,896,812.35

1	Liquidated Damages (Section 8-1.10)	[8 Calendar Days at \$3,000/day]	\$ 24,000.00
1	Inspection Cost Deduction (CCO #1, Item 4.)	[40 days at \$800/day]	\$ 32,000.00
		Total Deductions	\$ 56,000.00

Liquidated Damages and Deductions 56000.00

Original Contract Duration (Phase 1)	64 Working Days (Phase 1)
Original Contract Completion Date (Phase 1)	December 8, 2017
Contract Change Order No. 1	59 additional working days, plus suspended work re-starting on June 4, 2018 (Phase 2)
Contract Change Order No. 2	3.5 additional working days
Contract Change Order No. 3	5.5 additional working days
Two Extra Days Granted for AB Work at Levee (8/17, 8/20)	2
Weather Days	0
Original Completion Date (Phase 2)	August 24, 2018
Revised Completion Date with Added Time (Phase 2)	September 11, 2018
Actual Completion Date	August 27, 2018