



JOHN A. FANTHAM
DIRECTOR OF PUBLIC WORKS

County of Santa Cruz⁰³²⁵

DEPARTMENT OF PUBLIC WORKS

701 OCEAN STREET, ROOM 410, SANTA CRUZ, CA 950604070
(831) 4543160 FAX (831) 454-2385 TDD (831) 4542123

AGENDA: FEBRUARY 8, 2000

January 27, 2000

SANTA CRUZ COUNTY BOARD OF SUPERVISORS

701 Ocean Street
Santa Cruz, California 95060

SUBJECT: KINGS CREEK ROAD STORM DAMAGE REPAIR
P.M. 1.65, 2.66, 3.26, 3.36 AND 3.55
CONTRACT NUMBER 9 1900
PUBLIC WORKS JOB NUMBER 70848, 70772, 70773, 70854, 70853
NOTICE OF COMPLETION

Members of the Board:

The subject project was completed on December 8, 1999. The contractor was V.C.I. of San Lorenzo, CA.

The original bid price was \$261,678.00, and total construction cost is \$260,005.61. A summary of final costs is attached for your information.

It is therefore recommended that the Board of Supervisors take the following action:

1. Accept the improvements and approve the final cost.
2. Authorize the Clerk of the Board to file the Notice of Completion, a copy of which is attached.

3. Direct the County Recorder to return the original Notice of Completion to the Clerk of the Board.

Yours truly,

John A. Fantham
for- JOHN A. FANTHAM
Director of Public Works

LBD:bbs

Attachments

RECOMMENDED FOR APPROVAL:

[Signature]

County Administrative Officer

copy to: Recorder's Office
Public Works Department

COUNTY OF SANTA CRUZ
DEPARTMENT OF PUBLIC WORKS
STATE OF CALIFORNIA

SUMMARY OF FINAL COSTS FOR
KINGS CREEK STORM DAMAGE REPAIR

SITE:

KING'S CREEK RD. P.M. 1.65

CONTRACT NO. 91900

ITEM NO.	ITEM	PROPOSED QUANTITY	MEASURED QUANTITY	UNIT	DIFFERENCE	UNIT COST	FINAL COST	DIFFERENCE
1	TRAFFIC CONTROL SYSTEM	1	1	LS		\$800.00	\$800.00	
2	CLEARING & GRUBBING	1	1	LS		\$3,500.00	\$3,500.00	
3	ROCK SLOPE PROTECTION (1/2 TONNE)	170	169.82	TNN	-0.18	\$85.00	\$14,434.70	(\$15.30)
4	GABION ROCK ENERGY DISSIPATOR	1	1	LS		\$6,500.00	\$6,500.00	
5	HDPE PIPE (762 mm)	13	16.25	M	3.25	\$400.00	\$6,500.00	\$1,300.00
6	SACKED CONC. SLOPE PROTECTION	3	3.75	M3	0.75	\$1,000.00	\$3,750.00	\$750.00
7	AGGREGATE BASE CL2	14	12.14	TNN	-1.86	\$110.00	\$1,335.40	(\$204.60)
8	ASPHALT CONCRETE TYPE B	5	5.92	TNN	0.92	\$400.00	\$2,368.00	\$368.00
9	EXTRA WORK	1	1	LS		\$500.00	\$500.00	
	TOTAL						\$39,688.10	\$2,198.10

SITE:

KING'S CREEK RD. P.M. 2.66

CONTRACT NO. 91900

ITEM NO.	ITEM	PROPOSED QUANTITY	MEASURED QUANTITY	UNIT	DIFFERENCE	UNIT COST	FINAL COST	DIFFERENCE
1	TRAFFIC CONTROL SYSTEM	1	1	LS		\$1,000.00	\$1,000.00	
2	CLEARING & GRUBBING	1	1	LS		\$6,000.00	\$6,000.00	
3	(F) EARTHWORK	55	55	M		\$35.00	\$1,925.00	
4	ROCK SLOPE PROTECTION (1 TONNE)	600	400.04	TNN	-199.96	\$60.00	\$24,002.40	(\$11,997.60)
5	ROCK ENERGY DISSIPATOR	1	1	LS		\$3,000.00	\$3,000.00	
6	3050mm RCP PIPE (CLASS V)	17.25		M	-17.25	\$3,200.00		(\$55,200.00)
7	AGGREGATE BASE CL2	75	85.13	TNN	10.13	\$60.00	\$5,107.80	\$607.80
8	ASPHALT CONCRETE TYPE B	26	32.50	TNN	6.50	\$200.00	\$6,500.00	\$1,300.00
9	CONCRETE BARRIER (TYPE K)	18.9	28.05	M	9.15	\$280.00	\$7,854.00	\$2,562.00
10	METAL BEAM GUARD RAILING	25.6	25.61	M		\$80.00	\$2,048.00	
11	CABLE ANCHOR ASSEMBLY (TY. M) & END	2	2	EA		\$1,250.00	\$2,500.00	
12	75 KG ROCK INVERT LINING	80		TONNE	-80.00	\$65.00		(\$5,200.00)
13	EROSION CONTROL & REVEGETATION	1	1	LS		\$3,500.00	\$3,500.00	
14	EXTRA WORK	1	1	LS		\$1,000.00	\$948.80	(\$51.20)
15	CCO No. 1							
	ADD 3450mmX2180mm ARCHED CULVERT	1	1	LS		\$44,000.00	\$44,000.00	\$44,000.00
	ADD 75KG CHANNEL INVERT LINING	110	96.68	TNN	-13.32	\$60.00	\$5,800.80	\$5,800.80
	ADD EARTHWORK	1	1	LS		\$6,200.00	\$6,200.00	\$6,200.00
	1.5 TONNE EMBEDMENT STEP DAMS	20	20	TNN		\$100.00	\$2,000.00	\$2,000.00
	GABION ROCK	10	12.50	TNN		\$120.00	\$1,500.00	\$1,500.00
	ADD EROSION CONTROL FOR UPSTREAM	1	1	LS		\$3,000.00	\$3,000.00	\$3,000.00
16	CCO No. 3							
	ADD EROSION CONTROL	1	0.5	LS	-0.50	\$2,000.00	\$1,000.00	(\$1,000.00)
17	CCO No. 4							
	AGGREGATE BASE CL4	49.16	49.16	TNN		\$48.00	\$2,359.68	\$2,359.68
	ADD EARTHWORK	1	1	LS		\$200.00	\$200.00	\$200.00
18	CCO No. 5							
	ADD CONCRETE BARRIER (TYPE K) ITEM	4.42		M		\$280.00		
	TOTAL						\$130,746.48	(\$1,618.52)

SITE:

ITEM NO.	ITEM	PROPOSED QUANTITY	MEASURED QUANTITY	UNIT	DIFFERENCE	UNIT COST	FINAL COST	DIFFERENCE
1	TRAFFIC CONTROL SYSTEM	1	1	LS		\$1,000.00	\$1,000.00	
2	CLEARING & GRUBBING	1	1	LS		\$3,000.00	\$3,000.00	
3	(E) EARTHWORK	85	85	TNN		\$40.00	\$3,400.00	
4	ROCK SLOPE PROTECTION (1 TONNE)	680	537.40	TNN	-142.60	\$50.00	\$26,870.00	(\$7,130.00)
5	CONCRETE DRAIN INLET WITH SIDE OPE	1	1	EA		\$4,500.00	\$4,500.00	
6	CORRUGATE HDPE PIPE (460 mm)	8.5	9.75	M	1.25	\$500.00	\$4,875.00	\$625.00
7	GRADE 'V' DRAINAGE DITCH	33	54.08	M	21.08	\$33.00	\$1,784.64	\$695.64
8	AGGREGATE BASE CL2	20	34.61	TNN	14.61	\$65.00	\$2,249.65	\$949.65
9	EXTRA WORK	1	1	LS		\$500.00	\$499.95	(\$0.05)
10	CCO No. 2							
	ADD 3/4" GRAVEL	20.90	20.9	TNN		\$65.00	\$1,358.50	\$1,358.50
	ADD EXTRA 'V' DITCH ITEM #7	12.83		M		\$33.00		
	ADD AGGREGATE BASE CL2 ITEM #8	11.49		TNN		\$65.00		
	TOTAL						\$49,537.74	(\$3,501.26)

SITE:

ITEM NO.	ITEM	PROPOSED QUANTITY	MEASURED QUANTITY	UNIT	DIFFERENCE	UNIT COST	FINAL COST	DIFFERENCE
1	TRAFFIC CONTROL SYSTEM	1	1	LS		\$1,000.00	\$1,000.00	
2	CLEARING & GRUBBING	1	1	LS		\$3,000.00	\$3,000.00	
3	ROCK SLOPE PROTECTION (1 TONNE)	75	83.55	TNN	8.55	\$80.00	\$6,684.00	\$684.00
4	AGGREGATE BASE CL2	8	18.53	TNN	10.53	\$210.00	\$3,891.30	\$2,211.30
5	CORRUGATE HDPE PIPE (460 mm)	6.5	6.5	M		\$500.00	\$3,250.00	
6	CONCRETE DRAIN INLET WITH SIDE OPE	1	1	EA		\$2,500.00	\$2,500.00	
7	GRADE 'V' DRAINAGE DITCH	19	23.75	M	4.75	\$33.00	\$783.75	\$156.75
8	EXTRA WORK	1	1	LS		\$500.00	\$499.89	(\$0.11)
9	CCO No. 2 ADD AGGREGATE BASE CL2 IT	8.53		TNN		\$210.00		
	TOTAL						\$21,608.94	\$3,051.94

ITEM NO.	ITEM	PROPOSED QUANTITY	MEASURED QUANTITY	UNIT	DIFFERENCE	UNIT COST	FINAL COST	DIFFERENCE
1	TRAFFIC CONTROL SYSTEM	1	1	LS		\$1,000.00	\$1,000.00	
2	CLEARING & GRUBBING	1	1	LS		\$4,000.00	\$4,000.00	
3	ROCK SLOPE PROTECTION (1 TONNE)	65	75.28	TNN	10.28	\$80.00	\$6,022.40	\$822.40
4	AGGREGATE BASE CL2	15	15	TNN		\$210.00	\$3,150.00	
5	460mm HDPE PIPE	6.5	6.5	M		\$500.00		(\$3,250.00)
6	CONCRETE DRAIN INLET WITH SIDE OPE	1		EA		\$2,500.00		(\$2,500.00)
7	GRADE 'V' DRAINAGE DITCH	19	19	M		\$33.00	\$627.00	
8	EXTRA WORK	1	1	LS		\$500.00	\$499.95	(\$0.05)
9	CCO No. 2							
	ADD 305mm HDPE PIPE	6.25	6.25	M		\$500.00	\$3,125.00	\$3,125.00
	TOTAL						\$19,158.60	(\$1,802.65)

260,739.86

SUMMARY

ORIGINAL BID: \$261,678.00
 CHANGES: (\$1,672.39)
 FINAL COST: \$260,005.61

WHEN RECORDED MAIL TO:
COUNTY OF SANTA CRUZ
CLERK OF THE BOARD

NOTICE OF COMPLETION

NOTICE IS HEREBY GIVEN that the County of Santa Cruz, owner of the property hereinafter described, whose address is 701 Ocean Street, Santa Cruz, California, has caused a work of improvement more particularly described as follows:

KINGSCREEKROAD STORM DAMAGE REPAIR, P.M. 1.65, 2.66, 3.26, 3.36AND3.55

to be constructed on property more particularly described as follows:

KINGS CREEKROAD, P.M. 1.65, 2.66, 3.26, 3.36 AND 3.55

The work of improvement was completed by V.C.I. of California whose address is 2484 Baumann Avenue, San Lorenzo, CA 94580.

The work of improvement was actually completed on the 8th day of December, 1999, and accepted by the Board of Supervisors of said County on the 8th day of February, 2000.

DATED: FEBRUARY 8, 2000

JOHN A. FANTHAM
Director of Public Works
County of Santa Cruz

The undersigned states: That he is the Director of Public Works of the County of Santa Cruz, Owner of the property referred to in this Notice Of Completion; that the Board of Supervisors of said County on the 8th day of February, 2000, accepted said work of improvement and directed the filing of the Notice of Completion; that he has read the Notice of Completion and knows the contents thereof; and that the facts stated therein are true.

I declare under penalty of perjury that the foregoing is true and correct.

Executed by me this 8th day of February, 2000, at Santa Cruz, California.

JOHN A. FANTHAM
Director of Public Works
County of Santa Cruz