

DEPARTMENT OF
PUBLIC WORKS



AGENDA: JUNE 23, 1998

COUNTY OF SANTA CRUZ

295

GOVERNMENTAL CENTER

701 OCEAN STREET, SANTA CRUZ, CALIFORNIA 950604070

JOHN A. FANTHAM
DIRECTOR OF PUBLIC WORKS

FAX (408) 454-2385

(409) 454-2160

June 16, 1998

SANTA CRUZ COUNTY BOARD OF SUPERVISORS

701 Ocean Street
Santa Cruz, California 95060

SUBJECT: MT. CHARLIE ROAD STORM DAMAGE REPAIR
CONTRACT NUMBER 7 1504
PUBLIC WORKS JOB NUMBERS 933674,933675,933676,933588
NOTICE OF COMPLETION

Members of the Board:

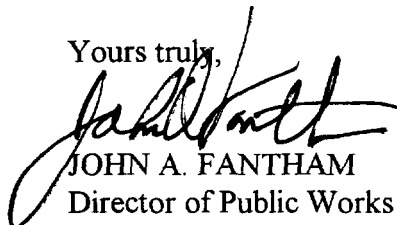
The subject project was completed on May 6, 1998. The contractor was Engineered Soil Repairs, Inc., of Walnut Creek, California.

The original bid price was \$525,191.95. Total construction cost is \$525,923.22. 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 costs.
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.

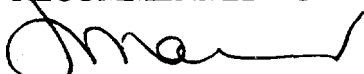
Yours truly,


JOHN A. FANTHAM
Director of Public Works

DAK:rw

Attachments

RECOMMENDED FOR APPROVAL:



County Administrative Officer

copy to: Recorder's Office
Public Works

MCSSR

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RECORDED AT THE REQUEST OF:
DEPARTMENT OF PUBLIC WORKS

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: Mt. Charlie Road Storm Damage Repair to be constructed on property more particularly described as follows: Mt. Charlie Road at Post Mile markers 0.25, 1.30, 1.35 and 1.55.

The work of improvement was completed by Engineered Soil Repair, Inc. whose address is 1267 Springbrook Road, Walnut Creek, CA 94596.

The work of improvement was actually completed on the 6th day of May, 1998, and accepted by the Board of Supervisors of said County on the 23rd day of June, 1998.

DATED: _____

JOHN A. FANTI-AM
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 23rd day of June, 1998 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 ____ day of _____, 1998, at Santa Cruz, California.

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

COUNTY OF SANTA CRUZ
DEPARTMENT OF PUBLIC WORKS
STATE OF CALIFORNIA

1 of 3 

SUMMARY OF FINAL COSTS FOR
MT. CHARLIE RD. STORM DAMAGE REPAIR

CONTRACT NO. 71504

ITEM NO.	ITEM	PROPOSED QUANTITY	MEASURED QUANTITY	UNIT	DIFFERENCE	UNIT COST	FINAL COST	DIFFERENCE
	PM 0.25							
1	CLEARING & GRUBBING	1	1	LS		\$2,000.00	\$2,000.00	
2	24" DIA. CIDH CONCRETE PILE	420	420	LF		\$102.50	\$43,050.00	
4	BAR REINFORCING STEEL	34,300	34968	LB	668.00	\$0.57	\$19,931.76	\$380.76
5	4" X 12" TIMBER LAGGING	1,170	1264	SF	94.00	\$23.49	\$29,691.36	\$2,208.06
5	UNDER DRAIN SYSTEM (COMPLETE)	1	100%	LS		\$8,660.00	\$8,660.00	
6	TIEBACK ANCHORS	8	8	EA		\$1,936.75	\$15,494.00	
7	EARTH WORK (F)	170	170	CY		\$19.58	\$3,328.60	
8	IMPORT BORROW	280	296.35	CY	16.35	\$57.14	\$16,933.44	\$934.24
9	AGGREGATE BASE CL2	60	60	TON		\$89.60	\$5,376.00	
10	ASPHALT CONCRETE (TYPE B)	30	37.50	TON	7.50	\$112.00	\$4,200.00	\$840.00
11	A.C. DIKE (TYPE A)	93	115	LF	22.00	\$16.00	\$1,840.00	\$352.00
12	A.C. LINED DITCH	90	112	LF	22.00	\$8.00	\$896.00	\$176.00
13	METAL BEAM GUARD RAIL	105	114	LF	9.00	\$70.40	\$8,025.60	\$633.60
14	CABLE ANCHOR ASSEMBLY (TYPE A)	2	2	EA		\$960.00	\$1,920.00	
15	GUARD RAIL END SECTION (TYPE C)	2	2	EA		\$160.00	\$320.00	
16	EROSION CONTROL & REVEGETATION	1	1	LS		\$8,768.00	\$8,768.00	
17	EXTRA WORK	1	LS	LS		\$10,000.00	\$8,439.34	(\$1,560.66)
	PM 1.30							
18	CLEARING & GRUBBING	1	100%	LS		\$2,000.00	\$2,000.00	
19	CRIBWALL (COMPLETE IN PLACE)	380	380	SF		\$89.51	\$34,013.80	
20	UNDER DRAIN SYSTEM (COMPLETE)	1	1	LS		\$2,643.00	\$2,643.00	
21	EARTHWORK (F)	200	200	CY		\$55.68	\$11,136.00	
22	AGGREGATE BASE CL2	50	50.30	TON	0.30	\$80.00	\$4,024.00	\$24.00
23	ASPHALT CONCRETE (TYPE B)	16	20	TON	4.00	\$112.00	\$2,240.00	\$448.00
24	A.C. DIKE (TYPE A)	100	104	LF	4.00	\$16.00	\$1,664.00	\$64.00
25	OVERSIDE DRAIN	1	1	LS		\$1,216.00	\$1,216.00	
26	EROSION CONTROL & REVEGETATION	1	1	LS		\$7,464.00	\$7,464.00	
27	EXTRA WORK	1	L.S.	LS		\$4,000.00	\$2,279.61	(\$1,720.39)

SUMMARY

ORIGINAL BID:	\$525,191.95
CHANGES:	\$731.27
FINAL COST:	\$525,923.22

COUNTY OF SANTA CRUZ
DEPARTMENT OF PUBLIC WORKS
STATE OF CALIFORNIA

SUMMARY OF FINAL COSTS FOR
MT. CHARLIE RD. STORM DAMAGE REPAIR

CONTRACT NO. 71504

ITEM NO.	ITEM	PROPOSED QUANTITY	MEASURED QUANTITY	UNIT	DIFFERENCE	UNIT COST	FINAL COST	DIFFERENCE
	PM 1.35							
28	TRAFFIC CONTROL SYSTEM	1	100%	LS		\$5,952.00	\$5,952.00	
29	CLEARING & GRUBBING	1	1	LS		\$2,000.00	\$2,000.00	
30	10HP57 H-PILE (DRILLED)	140	120	LF	-20.00	\$211.59	\$25,390.80	(\$4,231.80)
31	6"X12" TIMBER LAGGING	720	667	SQFT	-53.00	\$20.44	\$13,633.48	(\$1,083.32)
32	TIEBACK ANCHORS	21	14	EA	-7.00	\$1,027.66	\$14,387.24	(\$7,193.62)
33	EARTHWORK (F)	230	230	CY		\$31.72	\$7,295.60	
34	AGGREGATE BASE CL 2	35	36.99	TON	1.99	\$101.94	\$3,770.76	\$202.86
35	ASPHALT CONCRETE TYPE B	15	18.75	TON	3.75	\$128.00	\$2,400.00	\$480.00
36	UNDER DRAIN SYSTEM (COMPLETE)	1	100%	LS		\$4,352.00	\$4,352.00	
37	MINOR CONCRETE	4	5	CY	1.00	\$388.00	\$1,940.00	\$388.00
38	GABIONS	90	72	SQFT	-18.04	\$91.68	\$6,600.96	(\$1,650.24)
39	METAL BEAM GUARD RAIL	75	88	LF	13.00	\$92.80	\$8,166.40	\$1,206.40
40	CABLE ANCHOR ASSEMBLY (TYPE A)	2	2	EA		\$960.00	\$1,920.00	
41	GUARD RAIL END SECTION (TYPE C)	2	2	EA		\$160.00	\$320.00	
42	A.C. DIKE (TYPE A) LF	105	105			\$16.00	\$1,680.00	
43	OVERSIDE DRAIN	1	LS	LS		\$3,472.00	\$1,172.00	(\$2,300.00)
44	ROCK ENERGY DISSIPATOR	1		LS	-1.00	\$2,100.00		(\$2,100.00)
45	EXTRA WORK	1	LS	LS		\$8,000.00	\$7,000.00	(\$1,000.00)
	PM 1.55							
46	TRAFFIC CONTROL SYSTEM	1	100.00%	LS		\$1,952.00	\$1,952.00	
47	CLEARING & GRUBBING	1	1	LS		\$2,000.00	\$2,000.00	
48	24" DIA. CIDH CONCRETE PILE	333	333	LF		\$135.03	\$44,964.99	
49	BAR REINFORCING STEEL	17,120	20566	LB	3,446.00	\$0.86	\$17,686.76	\$2,963.56
50	6" X 12" TIMBER LAGGING	930	831	SF	-99.00	\$25.65	\$21,315.15	(\$2,539.35)
51	TIEBACK ANCHORS	5	5	EA		\$1,915.20	\$9,575.00	
52	EARTHWORK (F)	600	600	CY		\$15.20	\$9,120.00	
53	UNDER DRAIN SYSTEM (COMPLETE)	1	1	LS		\$11,948	\$11,948.00	
54	2" POLYETHYLENE PIPE	45	45	LF		\$4.04	\$181.80	
55	AGGREGATE BASE CL2	60	60.91	TON	0.91	\$96.00	\$5,847.36	\$87.36
56	ASPHALT CONCRETE (TYPE B)	23	28.75	TON	5.75	\$112.00	\$3,220.00	\$644.00
57	METAL BEAM GUARD RAIL	103	100	LF	-3.00	\$75.20	\$7,520.00	(\$225.60)
58	CABLE ANCHOR ASSEMBLY (TYPE A)	2	2	EA		\$960.00	\$1,920.00	
59	GUARD RAIL END SECTION (TYPE C)	2	2	EA		\$160.00	\$320.00	
60	A.C. DIKE (TYPE A)	122	144	LF	22.00	\$16.00	\$2,304.00	\$352.00

CONTRACT NO. 71504

ITEM NO.	ITEM	PROPOSED QUANTITY	MEASURED QUANTITY	UNIT	DIFFERENCE	UNIT COST	FINAL COST	DIFFERENCE
61	OVERSIDE DRAIN	1	100%	LS		\$1,072.00	\$1,072.00	
62	ROCK ENERGY DISSIPATOR	1	1	LS		\$1,232.00	\$1,232.00	
63	EROSION CONTROL & REVEGETATION	1	100%	LS		\$6,256.00	\$6,256.00	
64	EXTRA WORK	1	LS	LS		\$8,000.00	\$5,497.41	(\$2,502.59)
65	CONTRACT CHANGE ORDER NO.1							
66	TYPE OCP PIPE INLET M.P. 1.30	1	1	EA.		\$2,544.00	\$2,544.00	\$2,544.00
67	12" CMP DOWN DRAIN M.P. 1.30	30	10	LF		\$11.00	\$110.00	\$110.00
68	ROCK ENERGY DISSIPATOR M.P. 1.30	1	1	LS		\$2,100.00	\$2,100.00	\$2,100.00
69	DELETE 30 LF 18" PLASTIC PIPE M.P. 1.35							
70	DELETE FARED PIPE INLET M.P. 1.35							
71	DELETE ONE CHRISTY BOX (U21) M.P.1.35					(\$2,300.00)		
72	DELETE ROCK ENERGY DISSIPATOR MP 1.35					(\$2,100.00)		
73	TYPE OCP PIPE INLET M.P. 1.55	2	2	EA.		\$2,450.00	\$4,900.00	\$4,900.00
74	18" ADS PIPE DOWN DRAIN M.P. 1.55	20	20	LF		\$340.00	\$6,800.00	\$6,800.00
	TOTAL						\$525,923.22	\$731.27