



THOMAS L. BOLICH  
DIRECTOR OF PUBLIC WORKS

# County of Santa Cruz

## DEPARTMENT OF PUBLIC WORKS

0455

701 OCEAN STREET, ROOM 410, SANTA CRUZ, CA 950604070  
(831) 454-2160 FAX (831) 454-2385 TDD (831) 454-2123

### AGENDA: MAY 21, 2002

May 9, 2002

#### SANTA CRUZ COUNTY BOARD OF SUPERVISORS

701 Ocean Street  
Santa Cruz, CA 95060

SUBJECT: 30TH, 32ND, AND 33RD AVENUE STORM DRAIN, SANITARY SEWER  
AND SIDEWALK IMPROVEMENTS  
CONTRACT NUMBER 2104,  
PUBLIC WORKS JOB NUMBERS 66030, 53881, AND 40244  
NOTICE OF COMPLETION

#### Members of the Board:

The subject project was completed on February 5, 2002. The contractor was Reber Construction Company.

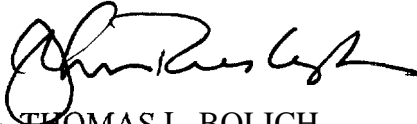
The original bid price was \$1,463,201.72. Total construction cost is \$1,604,309.48. The increase in the contract cost was due in part to the Coastal Commission's review and redesign of the storm water interceptors and subsequent redesign of the drainage systems. A summary of final costs is attached 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,

  
for - THOMAS L. BOLICH  
Director of Public Works

DK:abc

Attachments

RECOMMENDED FOR APPROVAL:



County Administrative Officer

copy to: Recorder's Office  
Public Works

NOCLET.DOC/30-33BDLA

RECORDED AT THE REQUEST OF:  
DEPARTMENT OF PUBLIC WORKS

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

0457

**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:

**30TH, 32ND, AND 33RD AVENUE STORM DRAIN, SANITARY SEWER AND SIDEWALK  
IMPROVEMENTS**

to be constructed on property more particularly described as follows:

**30TH, 32ND, AND 33RD AVENUE, EAST CLIFF DRIVE, CALLA DRIVE, AND HAMES DRIVE**

The work of improvement was completed by Reber Construction Company, whose address is P.O. Box 273, Santa Cruz, CA 95061-0273

The work of improvement was actually completed on the 5th day of February, 2002, and accepted by the Board of Supervisors of said County on the 21st day of May, 2002.

DATED: May 21, 2002

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THOMAS L. BOLTCH  
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 21st day of May, 2002, 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 21st day of May, 2002, at Santa Cruz, California.

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THOMAS L. BOLICH  
Director of Public Works  
County of Santa Cruz

# SUMMARY OF FINAL COSTS FOR

30TH, 32ND & 33RD AVE. STORM DRAIN, SANITARY SEWER

CONTRACT NO. 2104

ITEM NO.	ITEM	PROPOSED QUANTITY	MEASURED QUANTITY	UNIT	DIFFERENCE	UNIT COST	FINAL COST	DIFFERENCE
1	CLEARING AND GRUBBING	1	1.00	L.S.		\$155,500.00	\$155,500.00	
2	(F) ROADWAY EXCAVATION	450	450.00	M3		\$112.00	\$50,400.00	
3	AGGREGATE BASE CLASS 2	690	890.61	MT	200.61	\$37.00	\$32,952.57	\$7,422.57
4	ASPHALT CONCRETE TYPE B	1,100	1,100.00	MT		\$96.60	\$106,260.00	
5	GRIND ASPHALT CONCRETE	600	600.00	M		\$12.00	\$7,200.00	
6	ASPHALT CONCRETE SWALE	770	851.60	M	81.60	\$52.49	\$44,700.48	\$4,283.18
7	ROAD BUMP	2	2.00	EA.		\$1,400.00	\$2,800.00	
8	PLACE ASPHALT CONC. (MISC. AREA)	110	127.00	M2	17.00	\$145.80	\$18,516.60	\$2,478.60
9	PAVEMENT REINFORCING FABRIC	8,000	3,535.00	M2	-4,465.00	\$1.30	\$4,595.50	(\$5,804.50)
10	CURB & GUTTER (INTEGRAL COLOR)	750	763.00	M	13.00	\$78.72	\$60,063.36	\$1,023.36
11	SIDEWALK (INTEGRAL COLOR)	445	450.00	M	5.00	\$62.42	\$28,089.00	\$312.10
12	UNDER SIDEWALK DRAIN	11	12.00	EA.	1.00	\$1,100.00	\$13,200.00	\$1,100.00
13	CONC. VALLEY GUTTER (INTEGRAL CO	32	27.70	M	-4.30	\$105.00	\$2,908.50	(\$451.50)
14	PORTLAND CEMENT CONC. MISC. AF	97	120.00	M2	23.00	\$589.18	\$70,701.60	\$13,551.14
15	COUNTY STANDARD G-O INLET	26	27.00	EA.	1.00	\$4,200.00	\$113,400.00	\$4,200.00
16	CRISTY U-23 CATCH BASIN	4	5.00	EA.	1.00	\$4,800.00	\$24,000.00	\$4,800.00
17	CRISTY V-64 CATCH BASIN	7	7.00	EA.		\$1,100.00	\$7,700.00	
18	STORM DRAIN MANHOLE	15	14.00	EA.	-1.00	\$5,200.00	\$72,800.00	(\$5,200.00)
19	SILT & GREASE TRAP MANHOLE	2		EA.	-2.00	\$6,800.00		(\$13,600.00)
20	300 mm STORM DRAIN	786	814.51	M	28.51	\$170.56	\$138,922.83	\$4,862.67
21	375 mm STORM DRAIN	122	29.26	M	-92.74	\$255.74	\$7,482.95	(\$23,717.33)
22	450 mm STORM DRAIN	40	212.15	M	172.15	\$343.88	\$72,954.14	\$59,198.94
23	450 mm STORM DRAIN	12	12.00	M		\$616.67	\$7,400.04	
24	(S)100mm THERMOPLASTIC STRIPE	2,290	2,474.00	M	184.00	\$3.05	\$7,545.70	\$561.20
25	(S)300mm THERMOPLASTIC STRIPE	110	137.00	M	27.00	\$9.50	\$1,301.50	\$256.50
26	(S)THERMOPLASTIC PAVEMENT MARK	48	31.78	M2	-16.22	\$53.34	\$1,695.15	(\$865.17)
27	(S)PAVEMENT MARKER (REFLECTIVE	96		EA.	-96.00	\$6.46		(\$620.16)
28	EXTRA WORK (GENERAL)	1	L.S.	L.S.	L.S.	\$20,000.00	\$113,262.20	\$93,262.20
29	SANITARY SEWER TRENCH SHORING	1	1.00	L.S.		\$22,000.00	\$22,000.00	
30	200 mm GRAVITY SEWER	830	889.40	M	59.40	\$275.58	\$245,100.85	\$16,369.45

## SUMMARY

ORIGINAL BID: \$1,463,201.72  
CHANGES: \$141,107.76  
FINAL COST: \$1,604,309.48

# SUMMARY OF FINAL COSTS FOR

30TH, 32ND & 33RD AVE. STORM DRAIN, SANITARY SEWER

PAGE 2 OF 2

CONTRACT NO. 2104

ITEM NO.	ITEM	PROPOSED QUANTITY	MEASURED QUANTITY	UNIT	DIFFERENCE	UNIT COST	FINAL COST	DIFFERENCE
31	STANDARD SANITARY SEWER MANH	8.00	8.00	EA.		\$5,500.00	\$44,000.00	
32	SEWER DROP CONNECTION	1.00	1.00	EA.		\$1,000.00	\$1,000.00	
33	SEWER CLEANOUT	4.00	5.00	EA.	1.00	\$450.00	\$2,250.00	\$450.00
34	100mm SEWER LATERAL	650.00	543.19	M	-106.81	\$150.88	\$81,956.51	(\$16,115.49)
35	SEWER LATERAL ABANDONMENT	3.00	3.00	EA.		\$900.00	\$2,700.00	
36	MODIFICATION OF EXIST. SEWER MH	2.00	1.00	EA.	-1.00	\$1,150.00	\$1,150.00	(\$1,150.00)
37	ABANDON EXIST. SEWER FACILITIES	1.00	1.00	L.S.		\$30,000.00	\$30,000.00	
38	EXTRA WORK (SANITARY SEWER)	1.00	L.S.	L.S.	#VALUE!	\$10,000.00	\$4,500.00	(\$5,500.00)
39	6" CLASS 200, C900 PVC WATER MAIN	275.00		LF	-275.00			
40	6"x6" MJ TAPPING SLEEVE & TAPPING	2.00		EA.	-2.00			
41	INSTALL NEW 6" STREAMER HYDRANT	1.00		EA.	-1.00			
42	3/4" WATER SERVICE RENEWAL	2.00		EA.	-2.00			
43	REMOVE WATER VALVES/BOXES/LID	2.00		EA.	-2.00			
44	RAISE WATER GATE VALVES	11.00	11.00	EA.		\$300.00	\$3,300.00	
45	AC PAVEMENT REPAIR (WATER SYS	748.00		SF	-748.00			
46	C.C.O. #1 INCREASE IN UNIT PRICES							
47	ITEM NO. 2, ITEM NO. 3, ITEM NO. 4,							
48	ITEM NO. 9, ITEM NO. 10, ITEM NO. 11							
49	ITEM NO. 24, ITEM NO. 25.							
50	C.C.O. #2 INCREASE/DECREASE QUA							
51	ITEM NO. 21 DECREASE QUANTITY 9	92.00		M		\$255.74		
52	ITEM NO. 22 INCREASE QUANTITY 16	169.00		M		\$343.88		
53	C.C.O. NO#3 INCREASE ITEM NO. 28							
54	EXTRA WORK	1.00		L.S.		\$51,313.51		
55	DELETE ITEM NO.19 SILT AND GREAS							
56	TRAP MANHOLE	2.00		EA.		\$6,800.00		
57	C.C.O. #4 INCREASE ITEM NO. 28 EX							
58	WORK	1.00		L.S.		\$19,520.00		
59	C.C.O. #5 INCREASE ITEM NO. 28 EX	1.00		L.S.		\$30,000.00		
60	C.C.O. #7 & 7-1 INCREASE ITEM NO. 3	200.00		MT		\$37.00		
61								
62								
63								
64								
65								
	<b>TOTAL</b>						\$1,604,309.48	\$141,107.76