



THOMAS L. BOLICH
DIRECTOR OF PUBLIC WORKS

County of Santa Cruz

DEPARTMENT OF PUBLIC WORKS

701 OCEAN STREET, ROOM 410, SANTA CRUZ, CA 950604070
(631) 454-2160 FAX (931) 454-2395 TDD (631) 454-2123

AGENDA: OCTOBER 24, 2000

October 12, 2000

SANTA CRUZ COUNTY BOARD OF SUPERVISORS

701 Ocean Street
Santa Cruz, California 95060

SUBJECT: 1999/2000 HAZARD ELIMINATION AND SAFETY PROGRAM
(HES) GUARD **RAIL** INSTALLATION (11 LOCATIONS)
CONTRACT NUMBER 92084, PUBLIC WORKS JOB NUMBER 40089
NOTICE OF COMPLETION

Members of the Board:

The subject project was completed on August 15, 2000. The contractor was Coral Corporation of Oregon.

The original bid price was \$307,777.00. Total construction cost is \$403,734.02. The increase in contract cost is attributed to contract change orders No. 1 and No. 2, which were approved by your Board. These change orders increased the linear footage of guard rail and the corresponding amount of additional paving needed. A summary of final costs is attached for your information.

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

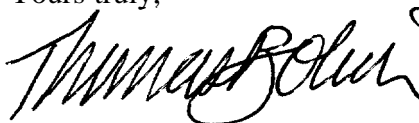
1. Accept the improvements and approve the final cost.
2. Authorize the Clerk of the Board to file the Notice of Completion, a copy of which is attached.

SANTA CRUZ COUNTY BOARD OF SUPERVISORS

Page - 2-

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

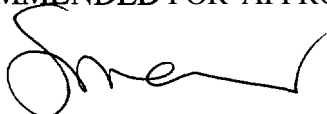
Yours truly,

THOMAS L. BOLICH
Director of Public Works

PJS:mg

Attachments

RECOMMENDED FOR APPROVAL:

_____
County Administrative Officercopy to: Recorder's Office
Public Works
Coral Corporation

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:

**1999/2000 HAZARD ELIMINATION AND SAFETY PROGRAM
(HES) GUARD RAIL INSTALLATION (11 LOCATIONS)**

to be constructed on property more particularly described as follows:

ELEVEN LOCATIONS WITHIN SANTA CRUZ COUNTY

The work of improvement was completed by Coral Corporation whose address is P.O. Box 347, Wilsonville, Oregon 97070.

The work of improvement was actually completed on the 15th day of August, 2000, and accepted by the Board of Supervisors of said County on the 24th day of October, 2000.

DATED: October 24th, 2000

THOMAS L. BOLICH
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 day of 24th day of October, 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 24th day of October, 2000, at Santa Cruz, California.

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

COUNTY OF SANTA CRUZ
DEPARTMENT OF PUBLIC WORKS
STATE OF CALIFORNIA

**SUMMARY OF FINAL COSTS FOR
SAFETY PROGRAM (HES) GUARD RAIL INSTALLATION**

CONTRACT NO. 92084

ITEM NO.	ITEM	PROPOSED QUANTITY	MEASURED QUANTITY	UNIT	DIFFERENCE	UNIT COST	FINAL COST	DIFFERENCE
1	TRAFFIC CONTROL SYSTEM *	1	L.S.	L.S.	\$15,053.57	\$25,000.00	\$40,053.57	\$15,053.57
2	CLEARING AND GRUBBING*	1	L.S.	L.S.	\$12,279.45	\$20,400.00	\$32,679.45	\$12,279.45
3	METAL BEAM GUARD RAIL (STD. POSTS)*^	988	1,473.83	M	485.83	\$80.00	\$117,906.40	\$38,866.40
4	METAL BEAM GUARD RAIL (LONG POSTS)	112	130.86	M	18.86	\$90.00	\$11,777.40	\$1,697.40
5	METAL BEAM GUARD RAIL (STEEL POSTS)	49	49.00	M		\$95.00	\$4,655.00	
6	TERMINAL END TREATMENT (SRT-350)	11	13.00	EA	2.00	\$2,000.00	\$26,000.00	\$4,000.00
7	TERMINAL END TREATMENT (ET-2000)*^	22	23.00	EA	1.00	\$2,500.00	\$57,500.00	\$2,500.00
8	METAL BEAM GUARD RAIL DELINEATORS	153	191.00	FA	38.00	\$20.00	\$3,820.00	\$760.00
9	AGGREGATE BASE CLASS 2	35	43.75	MT	8.75	\$75.00	\$3,281.25	\$656.25
10	ASPHALT CONCRETE (TYPE B)^	70	233.70	MT	163.70	\$171.00	\$39,162.70	\$27,992.70
11	ASPHALT CONCRETE DIKE (TYPE A)	49	56.50	M	7.50	\$23.00	\$1,299.50	\$172.50
12	MINOR CONCRETE (INC. REINFORCING)	14	14.00	M3		\$4,130.00	\$57,820.00	
13	EXTRA WORK	1	L.S.	L.S.	-\$8,021.25	\$15,000.00	\$6,978.75	(\$8,021.25)
14	CCO#1 *							
15	INCREASE LINE ITEM NO# 1					\$15,053.57		
16	INCREASE LINE ITEM NO# 2					\$12,279.45		
17	INCREASE LINE ITEM NO# 3					\$55,344.00		
18	INCREASE LINE ITEM NO# 7					\$15,000.00		
19	CCO#2 ^							
20	DECREASE LINE ITEM NO# 3					(\$16,477.60)		
21	DECREASE LINE ITEM NO# 7					(\$15,000.00)		
22	INCREASE LINE ITEM NO# 10					\$31,464.00		
23								
24								
25								
	TOTAL						\$403,734.02	\$95,957.02

SUMMARY

ORIGINAL BID: \$307,777.00
CHANGES: \$95,957.02
FINAL COST: \$403,734.02

1999 - 2000 HES GUARD RAIL INSTALLATION PROJECTS

FED. PROJ. 05-SCr-0-CR, STPLHG-5025(034)

No.	Location	Limits
1	Jamison Creek Rd	1.4 mile from Empire Grade
2	Carlton Rd	at Thompson Rd
3	Lakeview Rd	at Redwood Rd
4	Eureka Canyon Rd	3.4 miles north of Hames Rd
5	Buena Vista Rd	0.15 miles from east Larkin Valley Rd
6	Buena Vista Rd	east of Trabing Rd
7	Lompico Rd	0.95 miles north of East Zayante Rd
8	Lompico Rd	1.20 miles north of East Zayante Rd
9	Empire Grade	350 ft south of Pine Flat Rd
10	Empire Grade	at Bonnywood Way
11	Glen Garry Rd	0.18 mile from Hwy 9