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# County of Santa Cruz

## DEPARTMENT OF PUBLIC WORKS

701 OCEAN STREET, ROOM 410, SANTA CRUZ, CA 950604070  
(931) 454-2160 FAX (831) 454-2385 TDD (831) 454-2123

JOHN A. FANTHAM  
DIRECTOR OF PUBLIC WORKS

**AGENDA: APRIL 11, 2000**

March 30, 2000

SANTA CRUZ COUNTY BOARD OF SUPERVISORS

701 Ocean Street

Santa Cruz, California 95060

SUBJECT: **TEILH DRIVE BRIDGE REPLACEMENT**  
CONTRACT NUMBER 7 1596, PUBLIC WORKS JOB NUMBER 40 148  
NOTICE OF COMPLETION

Members of the Board:

The subject project was complete as of July 16, 1999. The contractor was James Savattone Construction of Aptos, CA.

The original bid price was \$652,356.20, and total construction cost was \$605,691.94. A summary of final costs is attached for your information.

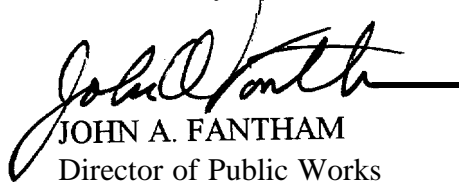
The reduction in the original bid price was due to four contract change orders that reduced the overall cost of the project

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.

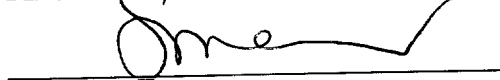
Yours truly,

  
JOHN A. FANTHAM  
Director of Public Works

PJS:mg

Attachments

RECOMMENDED FOR APPROVAL:

  
\_\_\_\_\_  
County Administrative Officer

copy to: Recorder's Office  
Public Works  
James A. Savatone Construction

NOCLET.DOC/TEILM

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:

TEILH DRIVE BRIDGE REPLACEMENT  
FEDERAL PROJECT NO. BRLO - (007)

to be constructed on property more particularly described as follows:

3.6 MILES NORTH OF BOULDER CREEK  
AT THE INTERSECTION OF TEILH DRIVE AND STATE HIGHWAY 9

The work of improvement was completed by James A. Savatone Construction whose address is 1885 Day Valley Road, Aptos, CA 95003.

The work of improvement was actually completed on the 16th day of July, 1999, and accepted by the Board of Supervisors of said County on the 1 lth day of April, 2000.

DATED: April 11, 2000

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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 day of 1 lth day of April, 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 1 lth day of April, 2000, at Santa Cruz, California.

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

TEILM

FINAL ESTIMATE AND SUMMARY OF FINAL COSTS FOR  
TEILH DRIVE BRIDGE REPLACEMENT PROJECT

CONTRACT NO. 71596 PUBLIC WORKS JOB NO. 40148

ITEM NO.	ITEM	PROPOSED QUANTITY	MEASURED QUANTITY	UNIT	DIFFERENCE	UNIT COST	FINAL COST	DIFFERENCE
1	PROGRESS SCHEDULE	1	1.00	LS		\$2,460.00	\$2,460.00	
2	CONSTRUCTION AREA SIGNS	1	1.00	LS		\$3,229.00	\$3,229.00	
3	TRAFFIC CONTROL SYSTEM	1	1.00	LS		\$16,648.00	\$16,648.00	
4	ADJUST VALVE COVERS TO GRADE	3	3.00	EA		\$746.00	\$2,238.00	
5	CLEARING & GRUBBING	1	1.00	LS		\$5,264.00	\$5,264.00	
6	BRIDGE REMOVAL	1	1.00	LS		\$18,443.00	\$18,443.00	
7	TREE REMOVAL	1	1.00	LS		\$43,458.00	\$43,458.00	
8	(F) ROADWAY EXCAVATION . **	80	141.00	M3	61.00	\$37.00	\$5,217.00	\$2,257.00
9	(F) STRUCTURE EXCAVATION (BRIDGE)	70	78.00	M3		\$96.00	\$7,488.00	
10	(F) STRUCTURE EXCAVATION (RET. WALL) **	69	70.00	M3	1.00	\$96.00	\$6,720.00	\$96.00
11	(F) STRUCTURE BACKFILL (BRIDGE)	51	51.00	M3		\$62.00	\$3,162.00	
12	(F) STRUCTURE BACKFILL (RET. WALL)	45	45.00	M3		\$62.00	\$2,790.00	
13	(F) IMPORTED BOIPROW . *	370	395.00	M3	25.00	\$31.00	\$12,245.00	\$775.00
14	AGGREGATE SUBBASE CLASS 3 *** #	275	431.10	TN*	156.10	\$42.00	\$18,106.20	\$6,556.20
15	AGGREGATE BASE CLASS 2 • + #	255	393.20	TN*	138.20	\$44.00	\$17,300.80	\$6,080.80
16	ASPHALT CONC. (TYPE A 1/2" MAX ) . **	280	328.71	TN*	48.71	\$82.00	\$26,954.22	\$3,994.22
17	ASPHALT CONC. (OVERSIDE DRAINS)	3	3.00	EA		\$861.00	\$2,583.00	
18	PLACE ASPHALT CONC. DIKE	50	54.90	M	4.90	\$60.00	\$3,294.00	\$294.00
19	CONCRETE VERTICAL CURB	11	10.00	M	-1.00	\$81.00	\$810.00	(\$81.00)
20	RAPID SETTING CONCRETE . ***	4		M3	-4.00	\$1,586.00		(\$6,344.00)
21	(S) 400mm CIDH CONC. PILING ***	76	9.77	M	-66.23	\$646.00	\$6,117.62	(\$42,978.38)
22	(S) 610 mm CIDH CONC. PILING	72	73.00	M		\$454.10	\$32,695.20	
23	(F) STRUCTURAL CONC. (BRIDGE)	185	185.00	M3		\$815.00	\$150,775.00	
24	(F) STRUCTURAL CONC. (RET. WALL) . *	25	24.00	M3	-1.00	\$483.00	\$11,592.00	(\$483.00)
25	(F-S) BAR REINFORCING STEEL (BRIDGE)	29,290	29,290.00	KG		\$1.60	\$46,864.00	
26	(F-S) BAR REINF. STEEL (RET. WALL) **	1150	960.00	KG	-190.00	\$3.70	\$3,552.00	(\$703.00)
27	450 mm PLASTIC PIPE	80	75.10	M	-4.90	\$148.00	\$11,114.80	(\$725.20)
28	TYPE G-O INLET	2	2.00	EA		\$11845.00	\$3,690.00	
29	OCP INLET WITH METAL GRATE	3	3.00	EA		\$1,845.00	\$5,535.00	
30	ROCK SLOPE PROTECTION	240	240	M3		\$121.00	\$29,040.00	

ORIGINAL BID: \$652,356.20  
CHANGES: (\$46,664.26)

FINAL COST: \$605,691.94

COUNTY OF SANTA CRUZ  
DEPARTMENT OF PUBLIC WORKS  
STATE OF CALIFORNIA

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**FINAL ESTIMATE AND SUMMARY OF FINAL COSTS FOR  
TEILH DRIVE BRIDGE REPLACEMENT PROJECT**

CONTRACT NO. 71596 PUBLIC WORKS JOB NO. 40148

ITEM NO.	ITEM	PROPOSED QUANTITY	MEASURED QUANTITY	UNIT	DIFFERENCE	UNIT COST	FINAL COST	DIFFERENCE
31	305 mm WELDED STEEL PIPE CASING	24.00	30.00	M	6.00	\$141.00	\$4,230.00	\$846.00
32	METAL BEAM GUARD RAILING	63.00	61.00	M	-2.00	\$234.00	\$14,274.00	(\$468.00)
33	(F) CONC. BARRIER (TYPE 25)	71.00	71.00	M		\$406.00	\$28,826.00	
34	(F) CONCRETE BARRIER (TYPE 27B)	19.00	19.00	M		\$547.00	\$10,393.00	
35	TEMPORARY DRIVEWAY *	1.00		LS	-1.00	\$29,225.00		(\$29,225.00)
36	SIGNING & PAVEMENT DELINEATION	1.00	1.00	LS		\$1,923.00	\$1,923.00	
37	WATER SYSTEM	1.00	1.00	LS		\$13,662.00	\$13,662.00	
38	TEMPORARY EROSION CONTROL	1.00	1.00	LS		\$1,845.00	\$1,845.00	
39	PERM. EROSION CONTROL & HWY. PLANTING	1.00	L.S.	LS		\$4,059.00	\$3,947.00	(\$112.00)
40	PLANT ESTABLISHMENT WORK	1.00		LS	-1.00	\$6,150.00		(\$6,150.00)
41	SUPPLEMENTAL WORK **** #	1.00	L.S.	LS		\$7,500.00	\$10,704.14	\$3,204.14
42								
43	* CCO #1 DELETE ITEM # 35 AND							
44	REMOVE OAK TREE & STUMP ( F.A. \$8171.96)		F.A.				\$8,171.96	\$8,171.96
45	TUBULAR HAND RAILING(59 M @ \$ 140.00/ M)		59.50		59.50		\$8,330.00	\$8,330.00
46								
47	** CCO #2 CHANGES IN ITEM QUANTITIES							
48								
49	*** CCO #3 CHANGES IN ITEM QUANTITIES							
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51	**** CCO #4 CHANGES IN ITEM QUANTITIES							
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TOTAL							\$605,691.94	(\$46,664.26)

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