



County of Santa Cruz⁰²⁸¹

DEPARTMENT OF PUBLIC WORKS

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

JOHN A. FANTHAM
DIRECTOR OF PUBLIC WORKS

AGENDA: APRIL 4, 2000

March 23, 2000

SANTA CRUZ COUNTY BOARD OF SUPERVISORS
701 Ocean Street
Santa Cruz, California 95060

SUBJECT: CONFERENCE DRIVE BRIDGE SEISMIC RETROFIT
CONTRACT NUMBER 81852, PUBLIC WORKS JOB NOS, 40171 AND 40173
NOTICE OF COMPLETION

Members of the Board:

The subject project was completed on November 23, 1999. The contractor was William P. Young Construction, Inc., of San Carlos, CA.

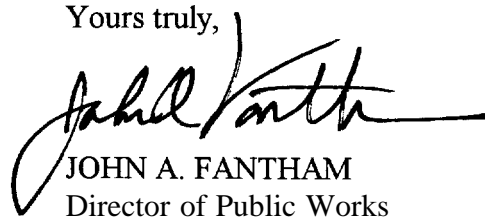
The original bid price was \$1,103,357.00, and total construction cost is \$1,151,672.38. A summary of final costs is attached for your information. The increase in construction cost was a result of conflicts discovered between the contract plan drawings of the structural steel and the structural steel existing in the field. Measurements of the existing structure established that certain cable/rod brackets had to be redesigned to fit site conditions. This was compounded by the contractor's inability to obtain specified steel material for the cable/clevis brackets, thus requiring a design change to fabricated 1" steel plate members.

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:



Susan A. Mauriello
County Administrative Officer

copy to: Recorder's Office
Public Works
William P. Young Construction, Inc.

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:

CONFERENCE DRIVE BRIDGE SEISMIC RETROFIT/CLEANING AND PAINTING

to be constructed on property more particularly described as follows:

CONFERENCE DRIVE BRIDGE (STATE BRIDGE NO. 36C-0038)

The work of improvement was completed by William P. Young Construction, Inc., whose address is 1.51 Old County Road, Suite A, San Carlos, CA 94070-6246.

The work of improvement was actually completed on the 23rd day of November, 1999, and accepted by the Board of Supervisors of said County on the 4th day of April, 2000.

DATED: April 4, 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 this 4th 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 4th day of April, 2000, at Santa Cruz, California.

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

CONFIRM

COUNTY OF SANTA CRUZ
DEPARTMENT OF PUBLIC WORKS
STATE OF CALIFORNIA
**SUMMARY OF FINAL COSTS FOR
CONFERENCE DRIVE BRIDGE**
CONTRACT NO. 81852

0284

| ITEM NO. | ITEM | PROPOSED QUANTITY | MEASURED QUANTITY | UNIT | DIFFERENCE | UNIT COST | FINAL COST | DIFFERENCE |
|---------------|---|-------------------|-------------------|------|------------|--------------|----------------|-------------|
| 1 | (F)STRUCTURE EXCAVATION(TYPE F) | 101 | 101.00 | CY | | \$422.00 | \$42,622.00 | |
| 2 | (F)STRUCTURAL BACKFILL(BRIDGE) | 60 | 60.00 | CY | | \$103.00 | \$6,180.00 | |
| 3 | (S)TIEBACK ANCHOR | 8 | 8.00 | EA | | \$8,300.00 | \$66,400.00 | |
| 4 | (F)STRUCTURALCONCRETE(FOOTING) | S0 | 50.00 | 3 A | | \$1,040.00 | \$52,000.00 | |
| 5 | (F)STRUCTURAL CONCRETE(BRIDGE) | 6 | 6.0 | CY | | \$2,845.00 | \$17,070.00 | |
| 6 | DRILL AND BOND DOWELS | 171 | 140.60 | LF | -30.40 | \$24.00 | \$3,374.40 | \$177.60 |
| 7 | (S)CORE CONCRETE(6") | 30 | 31.60 | LF | 1.60 | \$111.00 | \$3,507.60 | \$177.60 |
| 8 | (F-S)BAR REINFORCING STEEL | 8,100 | 8,100.00 | LB | | \$2.00 | \$16,200.00 | |
| 9 | (F-S)FURN. STRUCTURAL STEEL,BR. | 31,000 | 33,628.00 | LB | 2,628.00 | \$1.50 | \$50,442.00 | \$3,942.00 |
| 10 | (F-S)RECT STRUCTURAL STEEL,BR. | 31,000 | 32,916.00 | LB | 1,916.00 | \$5.75 | \$189,267.00 | \$11,017.00 |
| 11 | (F-S)MISC.METAL (REST-CABLE TYPE) | 4,000 | 4,000.00 | LS | | \$4.00 | \$16,000.00 | |
| 12 | (S)CLEAN AND PAINT NEW STR. STL. | 1 | 1.00 | LS | | \$12,000.00 | \$12,000.00 | |
| 13 | (S)WORK AREA MONITORING | 1 | 1.00 | LS | | \$10,000.00 | \$10,000.00 | |
| 14 | (S)CLEAN AND PAINT EXIST. STR. STL. | 1 | 1.00 | LS | | \$468,701.00 | \$468,701.00 | |
| MISCELLANEOUS | | | | | | | | |
| 15 | MOBILIZATION | 1 | 1.00 | LS | | \$110,000.00 | \$110,000.00 | |
| 16 | TRAFFIC CONTROL SYSTM (LN CLSR) | 1 | 1.00 | LS | | \$20,500.00 | \$20,500.00 | |
| 17 | CLEARING AND GRUBBING | 1 | 1.00 | LS | | \$5,000.00 | \$5,000.00 | |
| 18 | EROSION CONTROL | 1 | 1.00 | LS | | \$3,500.00 | \$3,500.00 | |
| 19 | EXTRA WORK | \$25,000.00 | \$24,166.06 | LS | (\$833.94) | \$25,000.00 | \$24,166.06 | (\$833.94) |
| 20 | 330 #9-REMOVE & REPLACE ANCHOR BOLTS | | \$9,081.62 | LS | | \$9,081.62 | \$9,081.62 | |
| 21 | CCO #10-FURNISH & INSTALL REVISED CLEVIS BRACKETS | | | | | | | |
| 22 | CCO #11-FURNISH & INSTALL REDESIGNED CLEVIS & ROD BRACKETS | | | | | | | |
| 23 | CCO #12-FURNISH & INSTALL ADDITIONAL STRUCTURAL S13C1 FASTENERS | | | | | | | |
| | INCREASES ITEMS #9 BY 1,792LB & #10 BY 1,080LB | | \$13,145.82 | I | S | \$13,145.82 | \$13,145.82 | |
| | INCREASES ITEMS #9 & #10 BY 423LB | | | | | | | |
| | INCREASES ITEMS #9 & #10 BY 413LB | | \$5,834.81 | LS | | \$5,834.81 | \$5,834.81 | |
| | CCO #10-FURNISH & INSTALL REVISED CLEVIS BRACKETS | | | | | | | |
| | INCREASES ITEMS #9 & #10 BY 1,080LB | | \$13,145.82 | I | S | \$13,145.82 | \$13,145.82 | |
| | INCREASES ITEMS #9 & #10 BY 423LB | | | | | | | |
| | INCREASES ITEMS #9 & #10 BY 423LB | | \$6,680.07 | LS | | \$6,680.07 | \$6,680.07 | |
| | TOTAL | | | | | | \$1,151,672.38 | \$48,315.38 |

SUMMARY

ORIGINAL BID: \$1,103,357.00
 CHANGES: \$48,315.38
 FINAL COST: \$1,151,672.38

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