



JOHN A. FANTHAM
DIRECTOR OF PUBLIC WORKS

County of Santa Cruz

0427

DEPARTMENT OF PUBLIC WORKS

701 OCEAN STREET, ROOM 410, SANTA CRUZ, CA 95060
(831) 454-2160 FAX (831) 454-2385 TDD (831) 454-2123

AGENDA: MARCH 7, 2000

February 24, 2000

SANTA CRUZ COUNTY BOARD OF SUPERVISORS

701 Ocean Street
Santa Cruz, California 95060

SUBJECT: CONFERENCE DRIVE BRIDGE SEISMIC RETROFIT
CONTRACT CHANGE ORDER NUMBER 11

Members of the Board:

The Board of Supervisors approved the Conference Drive Bridge seismic retrofit and painting contract on June 8, 1999. The contract was awarded to William P. Young Construction in the amount of \$1,103,357. The seismic retrofit portion of the contract amounted to \$553,766.00 and is 100 percent funded by the State Department of Transportation.

Conflicts discovered between the contract plan drawings of the structural steel and existing conditions established through field measurement required that certain cable/rod brackets be redesigned to fit site conditions. In addition, the contractor's inability to obtain specified steel material required the design to be changed to a fabricated 1" steel plate member to replace the cable/clevis brackets.


The contractor has requested additional compensation in the amount of \$22,043.82 for these changes. Public Works has reviewed this request and has determined that it is acceptable. To fund this change order, it will be necessary to appropriate additional money. This change to the seismic retrofit portion of the contract work is 100 percent reimbursable to the County by the State Department of Transportation.

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

1. Approve Contract Change Order No. 11 in the amount of \$22,043.82.
2. Authorize the Chairperson of the Board to sign Contract Change Order No. 11.

3. Direct the Clerk of the Board to return the documents to Public Works for processing.


Yours truly,


fa- JOHN A. FANTHAM
Director of Public Works

KM:mg

Attachments

RECOMMENDED FOR APPROVAL:



County Administrative Officer

copy to: Public Works
 William P. Young Construction

CDSM

COUNTY OF SANTA CRUZ DEPARTMENT OF PUBLIC WORKS

0429

CONTRACT CHANGE ORDER NO. 11 REV. NO. _____ SUPPL. NO. _____

CONTRACT CONFERENCE DRIVE BRIDGE SHEET 1 OF 4 SHEETS

PUBLIC WORKS JOB NO. 40173 CONTRACT NO. 81852

T/C	R	F	DOC REF	INDEX	SUBJECT	PRJ/UCD	VENDOR	AMOUNT
SUBSID				DESCRIPTION				

To **WILLIAM P. YOUNG CONSTRUCTION, INC.** Contractor

You are hereby directed to make the herein described changes from the plans and specifications or do the following described work not included in the plans and specifications on this contract.

NOTE: This change order is not effective until approved by the Board of Supervisors.

Description of work to be done, estimate of quantities, and prices to be paid. Segregate between additional work at contract price, agreed price and force account. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. **RESIDENT ENGINEER**

The last percentage shown is the net accumulated increase or decrease from the original quantity in the Engineer's Estimate.

INCREASES IN CONTRACT ITEMS AT CONTRACT PRICES:

FURNISH AND INSTALL REDESIGNED CLEVIS AND ROD BRACKETS AS SHOWN ON THE ATTACHED DRAWINGS, DETAILS 5, 6, AND 11/17 ON SHEETS 2 THROUGH 4 OF THIS CHANGE ORDER AND AS DIRECTED BY THE ENGINEER. ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH THE DETAIL SHEET ATTACHED TO THIS CHANGE ORDER AND THE APPLICABLE PORTIONS OF THE CONTRACT PLANS AND SPECIFICATIONS.

ITEM NO. 9-FURNISH STRUCTURAL STEEL, BRIDGE 1,792 LB (5.78%) @ \$1.50 = \$ 2,688.00(9.40%)
ITEM NO.10-ERECT STRUCTURAL STEEL, BRIDGE 1,080 LB (3.48%) @ \$5.75 = \$ 6,210.00(7.11%)

ADJUSTMENT OF COMPENSATION AT AGREED LUMP SUM:

PROVIDE PERSONNEL AND EQUIPMENT AS REQUIRED BY THE ENGINEER TO FACILITATE DEVELOPMENT OF THE ABOVE REDESIGNED BRACKET CHANGE ORDER DETAILS. PROVIDE ADDITIONAL STRUCTURAL STEEL DETAILING, FABRICATION, AND TRUCKING BEYOND THAT REQUIRED FOR THE ORIGINAL CONTRACT WORK, TO FACILITATE, THE ABOVE CHANGE ORDER DETAILS. AGREED LUMP SUM: \$13,145.82

TOTAL ~~XXXX~~ Estimated Cost Decrease \$ _____ or Increase \$ **22,043.82**

By reason of this order the time of completion will be adjusted as follows: **NO ADJUSTMENT**

Submitted by: <u><i>Shane Lewis for Kathy McConnel</i></u>	CONSTRUCTION ENGINEER	Date <u>02-23-00</u>
Approval Recommended: <u><i>Bill Sousa</i></u>	DIRECTOR OF PUBLIC WORKS	Date <u>2-23-00</u>
Approved: Board of Supervisors by _____	BOARD OF SUPERVISORS	Date _____

We, the undersigned contractor, have given careful consideration to the change proposed, and hereby agree. If this proposal is approved, that we will provide all equipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefor the prices shown above.

Accepted: Date 2/16/00 Contractor WILLIAM P. YOUNG CONSTRUCTION INC.
By *James E. O'Leary* Title VICE PRESIDENT

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest within the time therein specified.

CLERK OF THE BOARD
AUDITOR-CONTROLLER

CONTRACTOR
RESIDENT ENGINEER

FISCAL OFFICE
PROJECT FILE

60

KM:mg

COUNTY OF SANTA CRUZ DEPARTMENT OF PUBLIC WORKS

0430

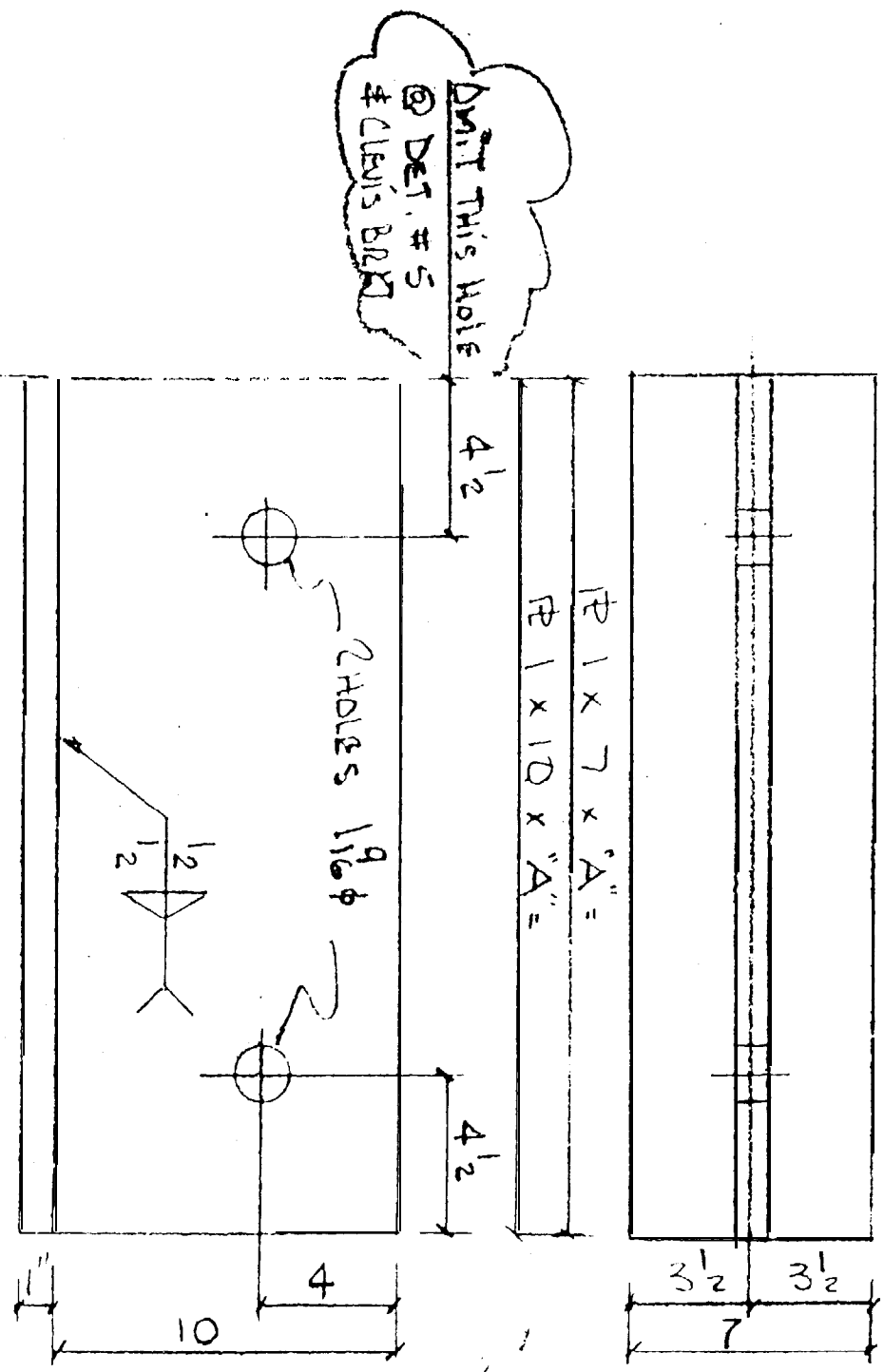
CONTRACT CHANGE ORDER NO. 11 REV. NO. _____ SUPPL. NO. _____

CONTRACT CONFERENCE DRIVE BRIDGE SHEET 1a OF 4 SHEETS

PUBLIC WORKS JOB NO. 40173 CONTRACT NO. 81852

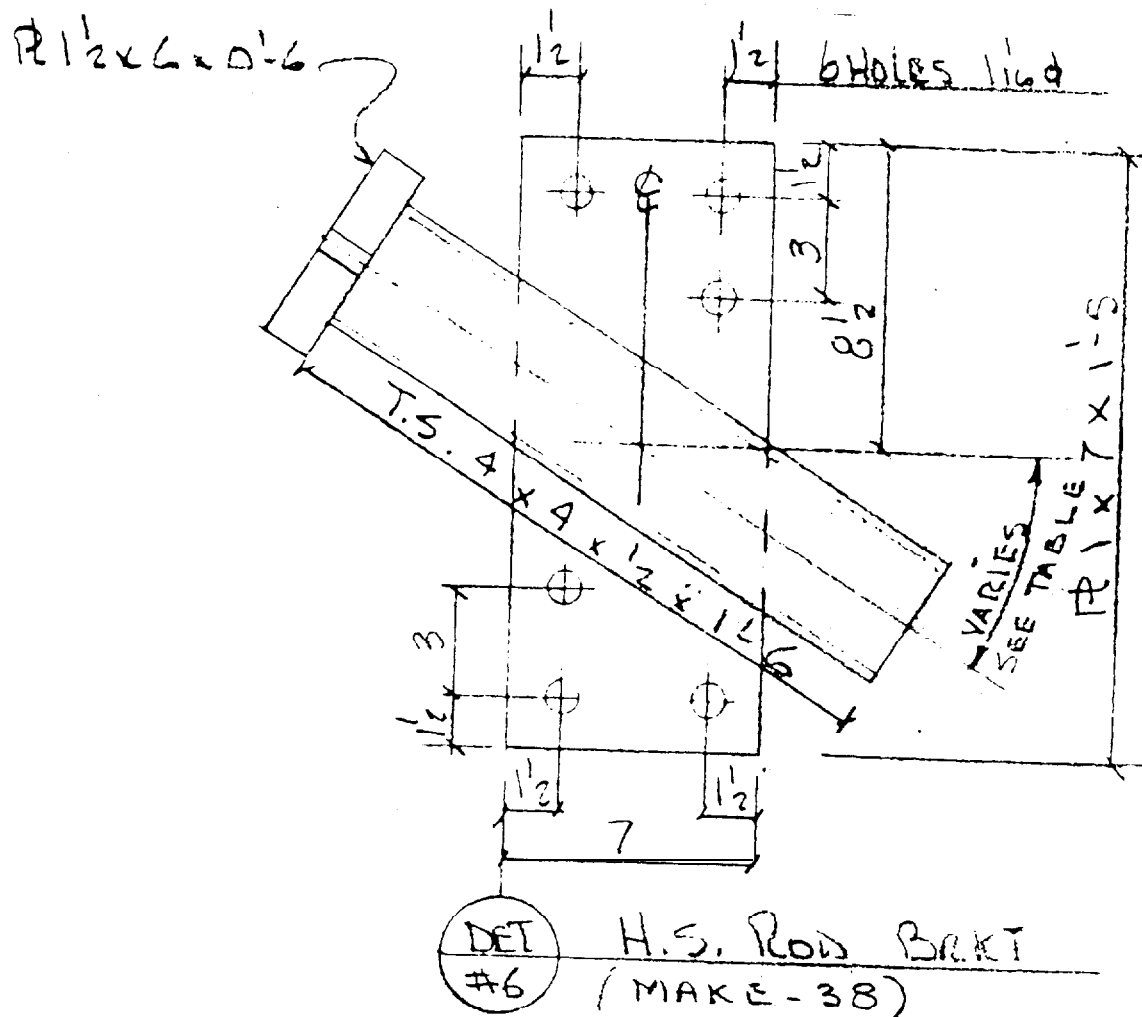
ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE ATTACHED DRAWINGS, SHEETS 2 THROUGH 4 OF THIS CHANGE ORDER, THE APPLICABLE PORTIONS OF THE CONTRACT PLANS AND SPECIFICATIONS, AND AS DIRECTED BY THE ENGINEER.

THE TOTAL COST FOR THIS CHANGE ORDER IS \$22,043.82 WHICH INCLUDES ALL MARKUPS. THIS AMOUNT CONSTITUTES FULL AND FINAL PAYMENT TO THE CONTRACTOR FOR THE WORK OF THIS CHANGE ORDER.



DET. #5
#5
TIE-BRACKET "A" = 1'-0"
(MAKE - 6)
CLEVIS BRACKET "A" = 0'-10"
(MAKE - 20)

CCC # 11
CABLE / CLEVIS BRACKET
CUST. # 054



CCO #11
H.S. ROD BRACKET
SHEET 3 OF 4

H.S. ROD BRACKET DEGREE TABLE FOR DETAIL #6

		2	3	4	5	6	7	8	9	10	11	12	13
NORTH	NEAR GIRDER		36°	47°									40°
	LOWER MID				34°	36°	42°	30°	33°	28°		31°	
SOUTH	NEAR FOOTING		32°	46°	34°	36°	42°	30°	33°	28°		31°	40°
	NEAR GIRDER		32°	46°									40°
	LOWER MID				34°		42°	30°	33°	28°		31°	
	NEAR FOOTING		36°	47°		36°	42°	30°	33°	28°		31°	40°

CCO # 11
HS ROD BRACKET
SHEET 4 OF 4

COUNTY OF SANTA CRUZ
REQUEST FOR APPROVAL OF AGREEMENT

0434

TO: Board of Supervisors
County Administrative Officer
County Counsel
Auditor-Controller

FROM:

PUBLIC WORKS

(Dept.)

(Signature) 223.00 (Date)

The Board of Supervisors is hereby requested to approve the attached agreement and authorize the execution of the same.

1. Said agreement is between the COUNTY OF SANTA CRUZ (Agency)
William P. Young Construction
and 151 Old County Road, Suite A, San Carlos, CA 94070-6246 (Name & Address)

2. The agreement will provide for the Seismic Retrofit and painting of the Conference
Drive Bridge in Felton.

3. The agreement is needed because the work can be handled most expeditiously by contract.

4. Period of the agreement is from Board Approval to June 30, 2000
increase

5. Anticipated cost is \$ 22,043.82 (Fixed amount; Monthly rate; Not to exceed)

6. Remarks: Contract \$1,143,311.50; Contingencies: Painting \$27,506.00 and Seismic
\$9,805.00; 6% Overhead \$70,837.35; Total \$1,251,459.85

7. Appropriations are budgeted in 621100 ! 40171 3860 ! \$549,591.00 (Index #) 3590
621100 ! 40173 3860 ! \$593,720.50 (Index #) 3590 o b j e c t)

NOTE: IF APPROPRIATIONS ARE INSUFFICIENT, ATTACH COMPLETED FORM AUD-74

Appropriations are available and have been encumbered. Contract No. CO 91852-02 Date 2/24/00
are not will be

GARY A. KNUTSON, Auditor - Controller

By Donald J. Silva Deputy.

Proposal reviewed and approved. It is recommended that the Board of Supervisors approve the agreement and authorize the
Director of Public Works to execute the same on behalf of the Department of
Public Works (Agency).

Remarks: _____ (Analyst)
By W. Philly Date 2/25/00
County Administrative Officer

Agreement approved as to form. Date _____

KM:bbs

Distribution:

Bd. of Supv. - White
Auditor-Controller - Blue
County Counsel - Green
Co. Admin. Officer - Canary
Auditor-Controller - Pink
Originating Dept. - Goldenrod

*To Orig. Dept. if rejected.

State of California)
County of Santa Cruz) ss

I _____ ex-officio Clerk of the Board of Supervisors of the County of Santa Cruz,
State of California, do hereby certify that the foregoing request for approval of agreement was approved by
said Board of Supervisors as recommended by the County Administrative Officer by an order duly entered
in the minutes of said Board on _____

_____ 19 _____ By _____ Deputy Clerk