



# County of Santa Cruz

## DEPARTMENT OF PUBLIC WORKS

701 OCEAN STREET, ROOM 410, SANTA CRUZ, CA 950604070  
(831) 454-2160 FAX (831) 454-2385 TDD (831) 464-2123

JOHN A. FANTHAM  
DIRECTOR OF PUBLIC WORKS

AGENDA: September 21, 1999

September 13, 1999

### SANTA CRUZ COUNTY BOARD OF SUPERVISORS

701 Ocean Street  
Santa Cruz, California 95060

SUBJECT: MORRELL ROAD STORM DAMAGE REPAIR AT P.M. 0.90  
DSR NO. 0026 1, CONTRACT CHANGE ORDER NO. 2

#### Members of the Board:

On June 22, 1999, your Board awarded a contract for the subject storm damage repair project along with several other Morrell Road and Old Santa Cruz Highway storm damage sites. Work has begun on each site and is expected to be completed by the September 30, 1999, deadline established for these 1995 storm damage repairs by the Federal Emergency Management Agency (FEMA).

The original plan for the repair of Morrell Road at Post Mile (P.M.) 0.90 called for the installation of a rock **gabion** mat to stabilize the slope and prevent future erosion of the hillside. However, in the preparation of the site by the contractor, it has now been determined that the soil conditions at this Morrell Road site may not support these rock **gabion** mats. As a result, Public Works has asked the contractor, WSP Trucking Company, to provide us a cost estimate to repair the existing hillside with larger stone (1 ton size) and an additional storm drain inlet and down drain. This new recommended repair solution, while more costly than the original rock **gabion** mat, should halt any future slope instability at the site.

The estimate for the new rock wall and culvert will require an additional \$48,757.72 for purchase, delivery and placement. Public Works recommends funding this proposed change order by transferring \$15,000.00 from the Culvert Replacement Program, and \$25,000.00 from one of the eleven North Rodeo Gulch Road sites which is funded for repair in this year's Road Program at P.M. 0.17 (Pg. 10, item No. 77). This will then leave a remainder of revenue for the engineering of the North Rodeo Gulch Road location, with construction funding being provided by next year's Road Program when P.M. 0.17 is combined with other storm damage repair work on the road for construction in the summer of 2000. In addition, Public Works will be contacting FEMA to request reimbursement of the additional expense of this change order, as it is now considered a necessary part of the project damage survey report.

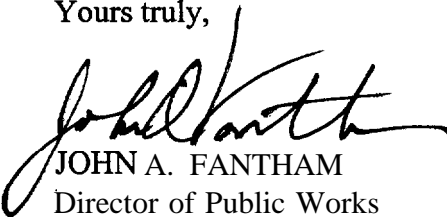
SANTA CRUZ COUNTY BOARD OF SUPERVISORS

Page -2-

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

1. Approve Contract Change Order No. 2 in the amount of \$48,757.72.
2. Authorize the Chairperson of the Board of Supervisors to sign the change order on behalf of the County.
3. Direct the Clerk of the Board to return the change order to Public Works for further processing.

Yours truly,

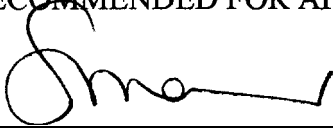


JOHN A. FANTHAM  
Director of Public Works

DAK:rw

Attachments

RECOMMENDED FOR APPROVAL:



County Administrative Officer

copy to: WSP Trucking Company  
Public Works

COUNTY OF SANTA CRUZ DEPARTMENT OF PUBLIC WORKS

1359

CONTRACT CHANGE ORDER NO. 2 REV. NO. \_\_\_\_\_ SUPPL. NO. \_\_\_\_\_

MORRELL ROAD P.M. 0.24, 0.80 and 0.90 and  
 CONTRACT OLD SANTA CRUZ HIGHWAY P.M. 1.05 STORM SHEET 1 OF 1 SHEETS  
 DAMAGE REPAIR 70106  
 PUBLIC WORKS JOB NO. 70500: 70108, 70504 & CONTRACT NO. 81862

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

*For Information Only*

To WSP TRUCKING COMPANY, 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.

Change requested by RESIDENT ENGINEER

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

MORRELL ROAD P.M. 0.90

ESTIMATE OF DECREASE IN CONTRACT ITEM AT CONTRACT UNIT PRICES:

ITEM NO. 3 (F) EARTHWORK 10 CY AT \$38.00/CY = \$380.00.

ITEM NO. 4 GABION MATTRESS 100 CY AT \$185.00/CY = \$18,500.00

ESTIMATE OF EXTRA WORK AT AGREED UNIT PRICES:

1.) PLACE 450 TONS OF ROCK SLOPE PROTECTION METHOD A AT \$119.00/TON \*=\$53,550.00

2.) PLACE ONE GO INLET, 94 LINEAR FEET OF 24" HDPE PIPE, AND ONE ENERGY DISSIPATOR? AGREED LUM SUM COST OF \$14,087.72

Estimated Cost Decrease \$ \_\_\_\_\_ or Increase \$ 48,757.72

By reason of this order the time of completion will be adjusted as follows: 6 DAYS

Submitted by: Charlie A Jones CONSTRUCTION ENGINEER Date 9-10-99

Approval Recommended: [Signature] DIRECTOR OF PUBLIC WORKS Date 9/14/99

Approved: Board of Supervisors by \_\_\_\_\_ 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 1/10/99 Contractor WSP TRUCKING COMPANY, INC.

By [Signature] Title CONST. MGR.

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 OFFICER  
PROJECT FILE

64

**COUNTY OF SANTA CRUZ**  
**REQUEST FOR APPROVAL OF AGREEMENT**

360

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

FROM: PUBLIC WORKS (Dept.)  
[Signature] (Signature) 9-14-99 (Date)

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

- Said agreement is between the COUNTY OF SANTA CRUZ (Agency) and WSP TRUCKING COMPANY, P.O. BOX 998, ALVISO, CA 95002 (Name & Address)
- The agreement will provide FOR CONSTRUCTION SERVICES FOR THE REPAIR OF STORM DAMAGE AT MORRELL ROAD, P.M. 0.24, 0.80, and 0.90, AND OLD SANTA CRUZ HIGHWAY AT P.M. 1.05.
- The agreement is needed BECAUSE THE WORK CAN BE HANDLED MOST EXPEDITIOUSLY BY CONTRACT.

- Period of the agreement is from BOARD APPROVAL to JUNE 30, 2000
- Anticipated cost is \$ INCREASE \$48,757.72 (Fixed amount; Monthly rate; Not to exceed)
- Remarks: CONTRACT \$239,732.76; CONTINGENCY \$5,940.89; OVERHEAD \$17,197.16

7. Appropriations are budgeted in

621197	70500	3860	\$30,900.00	(Index#)	3590	(Subobject)
621109	70108	3860	\$46,375.00			
621109	70504	3860	\$95,007.72			
621109	70106	3860	\$67,450.04			

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

Appropriations are available and have been encumbered. \* Contract No. CO 81862 Date 9/15/99  
 are not available and will be encumbered.  
**SUBJECT TO TRANSFER OF ROAD FUNDS**  
 GARY A. KNUTSON, Auditor - Controller  
 By Ronald 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).  
 County Administrative Officer

Remarks: \_\_\_\_\_ (Analyst) BY \_\_\_\_\_ Date \_\_\_\_\_  
 Agreement approved as to form. Date \_\_\_\_\_

DAK:rw  
 Distribution:  
 Bd. of Supv. - White  
 Auditor-Controller - Blue  
 County Counsel - \_\_\_\_\_  
 Co. Admin. Officer - Canary  
 Auditor-Controller - Pink  
 Originating Dept. - Goldenrod  
 \*To Orig. Dept. rejected.  
**64**  
 ADM - 29 (6/95)

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\_\_\_\_\_.  
 County Administrative Officer  
 By \_\_\_\_\_ Deputy Clerk