



AGENDA ITEM NO.  
**C-8**

# COUNTY OF HUMBOLDT

For the meeting of: February 10, 2015

Date: January 26, 2015

To: Board of Supervisors

From:  Thomas K. Mattson, Director of Public Works

Subject: **CONSTRUCTION OF GRANT ELEMENTARY AND MCKINLEYVILLE HIGH SCHOOL SAFE ROUTE TO SCHOOLS; PROJECT NO.: SR2SL-5904(129); CONTRACT NO.: 213001**

RECOMMENDATION(S): That the Board of Supervisors:



1. Authorizes the Director of Public Works to sign contract change order number 1 for the total amount of \$1,874.50 and sign contract change order number 2 for the total amount of \$18,247.72.
2. Approves the attached budget transfer to provide funding.
3. Accepts the completed contract, including all change orders approved by the Public Works Department, between RAO Construction, Co., Inc., and Humboldt County for the construction of Grant Elementary and McKinleyville High School Safe Route to Schools project.
4. Approves the final claim for payment, as submitted by the Public Works Department to the Auditor/Controller, in the amount of \$10,671.87. This will bring the total amount paid to 100 percent of the contract.

Prepared by: Tony Seghetti

CAO Approval 

REVIEW:	Auditor 	County Counsel _____	Personnel _____	Risk Manager _____	Other _____
---------	---	----------------------	-----------------	--------------------	-------------

TYPE OF ITEM:  
 Consent  
 Departmental  
 Public Hearing  
 Other \_\_\_\_\_


BOARD OF SUPERVISORS, COUNTY OF HUMBOLDT  
 Upon motion of Supervisor   
 Seconded by Supervisor   
 And unanimously carried by those members present,  
 The Board hereby adopts the recommended action  
 contained in this report.

PREVIOUS ACTION/REFERRAL:

Board Order No. C12/C11

Meeting of: March 11, 2014/ May 20, 2014

Dated: Feb. 10, 2015  
Kathy Hayes, Clerk of the Board

By: 

## SOURCE OF FUNDING:

Road Fund – Safe Route To Schools

## DISCUSSION:

The project constructed curb ramps, speed tables/crosswalks, pedestrian islands and approximately 1,500 feet of concrete sidewalks adjacent to Oak, E, F and G Streets near Grant Elementary School. In addition, curb ramps and a pedestrian island were constructed at the intersection of Murray Road and Little Pond Street with approximately 200 feet of concrete sidewalks along the north side of Murray Road near Little Pond Street. The project constructed minor drainage, signage and road marking improvements. As an additive option, 200 feet of sidewalk and driveway ramps along G Street adjoining Grant School were constructed to current American with Disabilities Act (ADA) standards.

Change order number 1 compensates the Contractor for various items of extra work. The changes were required to complete the project as per the original design. These changes are documented in contract change order number 1 for the total amount of \$1,874.50. Change order number 2 is an item balancing change order used to calculate the final adjusted contract amount. Various contract items overran the original contract quantity causing the total contract to overrun the contingency balance. These changes are documented in contract change order number 2 for the total amount of \$18,247.72.

On March 11, 2014, the Board of Supervisors authorized the Clerk of the Board to advertise the above-referenced project for bids. On April 15, 2014, the County received four (4) bids for the project. The contract was awarded to RAO Construction Co., Inc., the lowest responsible bidder on May 20, 2014. The award amount was \$322,484.00. Change orders through project completion amounted to an increase of \$20,122.22.

## FINANCIAL IMPACT:

Total construction costs for this project were \$342,606.22. The construction portion of this project is being funded through the Safe Route to Schools Program. There is a 10 percent match requirement for this program which is being funded through the Road Fund. The attached budget transfer provides for the increased costs in the FY 2014-15 Road Fund budget.

The project conforms to the Board of Supervisors' Core Role of creating opportunities for improved safety and health as identified in the Board of Supervisors' Strategic Framework.

## OTHER AGENCY INVOLVEMENT:

California Department of Transportation (Caltrans)

## ALTERNATIVES TO STAFF RECOMMENDATIONS:

Not to accept the change order; however, this is not recommended as this work is required for proper completion of the project.

## ATTACHMENTS:

Contract Change Order Number 1 and 2  
Budget Transfer  
Acceptance Statement



CONTRACT CHANGE ORDER NUMBER	1	SUPPL. NO.	1
------------------------------	---	------------	---

DATE PREPARED BY RESIDENT ENGINEER: DECEMBER 2, 2014

PROJECT NAME: CONSTRUCTION OF GRANT ELEMENTARY AND MCKINLEYVILLE HIGH SAFE ROUTE TO SCHOOL

PROJECT NO. SR2SL-5904(129) CONTRACT NO. 213001

TO: RAO CONSTRUCTION CO., INC.

YOU ARE HEREBY DIRECTED TO MAKE THE HEREIN DESCRIBED CHANGES FROM THE PLANS AND SPECIFICATIONS OR TO DO THE FOLLOWING DESCRIBED WORK NOT INCLUDED IN THE PLANS AND SPECIFICATIONS THIS CONTRACT. NOTE THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE ENGINEER.

DESCRIPTION OF WORK TO BE DONE, ESTIMATE OF QUANTITIES, AND PRICES PAID. (SEGREGATE BETWEEN ADDITIONAL WOK 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. THE LAST PERCENTAGE SHOWN IS THE NET ACCUMULATED INCREASE OR DECREASE FROM THE ORIGINAL QUANTITY IN THE ENGINEER'S ESTIMATE.

**EXTRA WORK AT FORCE ACCOUNT**

- 1) REWORK THE CONCRETE CURB RETURN AT THE SOUTH EAST CORNER OF "F" STREET AND OAK STREET. REMOVE CONCRETE AND PLACE AGGREGATE BASE. THE CONCRETE WAS PAID FOR AT THE CONTRACT ITEM PRICE. (SEE EXTRA WORK REPORT #1 DATED 8-25-14) = \$1,115.50

**EXTRA WORK AT AGREED PRICE**

- 1) PLACE REBAR IN DRIVEWAYS = \$600.00
- 2) PLACE 106 LINEAR FEET OF 2 x 12 AS RETAINING WALL = \$159.00

**TS** \$1,874.50

**ESTIMATED COST: INCREASE ~~\$1,115.50~~**

BY REASON OF THIS CHANGE, THE CONTRACT TIME WILL BE INCREASED BY 0 WORKING DAYS

**SUBMITTED BY:**

SIGNATURE <i>Tony Seghetti</i>	PRINT NAME AND TITLE TONY SEGHETTI, CONSTRUCTION ENGINEER	DATE 12/2/2014
-----------------------------------	--	-------------------

**DIRECTOR APPROVAL BY:**

SIGNATURE <i>Tom Mattson</i>	PRINT NAME AND TITLE TOM MATTSON, DIRECTOR OF PUBLIC WORKS	DATE
---------------------------------	---	------

WE, THE UNDERSIGNED CONTRACTOR, HAVE GIVEN CAREFUL CONSIDERATION TO THIS CHANGE PROPOSED AND 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, THEREFORE, THE PRICES SHOWN ABOVE. NOTE: IF YOU, THE CONTRACTOR, DO NOT SIGN ACCEPTANCE OF THIS ORDER, YOUR ATTENTION IS DIRECTED TO THE REQUIREMENTS OF THE SPECIFICATION AS TO PROCEEDING WITH THE ORDERED WORK AND FILING A WRITTEN PROTEST WITHIN THE TIME THEREIN SPECIFIED.

**CONTRACTOR ACCEPTANCE BY:**

SIGNATURE <i>Kristina Ellsworth</i>	PRINT NAME AND TITLE Kristina Ellsworth Office Mngr	DATE 12/8/14
--	--	-----------------





CONTRACT CHANGE ORDER NUMBER	2	SUPPL. NO.	
------------------------------	---	------------	--

DATE PREPARED BY RESIDENT ENGINEER: DECEMBER 2, 2014

PROJECT NAME: CONSTRUCTION OF GRANT ELEMENTARY AND MCKINLEYVILLE HIGH SAFE ROUTE TO SCHOOL

PROJECT NO. SR2SL-5904(129) CONTRACT NO. 213001

TO: RAO CONSTRUCTION CO., INC.

YOU ARE HEREBY DIRECTED TO MAKE THE HEREIN DESCRIBED CHANGES FROM THE PLANS AND SPECIFICATIONS OR TO DO THE FOLLOWING DESCRIBED WORK NOT INCLUDED IN THE PLANS AND SPECIFICATIONS THIS CONTRACT. **NOTE THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE ENGINEER.**

DESCRIPTION OF WORK TO BE DONE, ESTIMATE OF QUANTITIES, AND PRICES PAID. (SEGREGATE BETWEEN ADDITIONAL WOK 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. THE LAST PERCENTAGE SHOWN IS THE NET ACCUMULATED INCREASE OR DECREASE FROM THE ORIGINAL QUANTITY IN THE ENGINEER'S ESTIMATE.

**INCREASE IN CONTRACT ITEMS AT CONTRACT PRICES**

ITEM NO.	6	TEMPORARY CONCRETE WASHOUT	1.00	EA	100.00%	@	\$1,000.00	/	EA	=	\$1,000.00
ITEM NO.	8	REMOVE THERMOPLASTIC MARKING	419.00	SF	52.40%	@	\$5.00	/	SF	=	\$2,095.00
ITEM NO.	9	REMOVE AC DIKE	2.00	LF	1.30%	@	\$3.00	/	LF	=	\$6.00
ITEM NO.	10	REMOVE ASPHALT CONCRETE SURFACE	422.97	SY	282.00%	@	\$9.00	/	SY	=	\$3,806.73
ITEM NO.	12	RESET ROADSIDE SIGN	2.00	EA	40.00%	@	\$300.00	/	EA	=	\$600.00
ITEM NO.	18	HOT MIX ASPHALT (TYPE A)	18.04	TON	10.90%	@	\$200.00	/	TON	=	\$3,608.00
ITEM NO.	21	ALTERNATIVE PIPE CULVERT (18" SDR35 PVC)	1.50	LF	2.10%	@	\$130.00	/	LF	=	\$195.00
ITEM NO.	22	DETECTABLE WARNING SURFACE	175.00	SF	68.60%	@	\$38.00	/	SF	=	\$6,650.00
ITEM NO.	23	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	28.68	CY	13.20%	@	\$400.00	/	CY	=	\$11,472.00
ITEM NO.	24	MINOR CONCRETE (STAMPED CONCRETE)	64.16	SF	12.70%	@	\$14.00	/	SF	=	\$898.24
ITEM NO.	26	INLET FRAME AND GRATE	1.00	EA	50.00%	@	\$1,000.00	/	EA	=	\$1,000.00
ITEM NO.	27	THERMOPLASTIC TRAFFIC STRIPE	698.00	LF	43.00%	@	\$1.00	/	LF	=	\$698.00
ITEM NO.	28	THERMOPLASTIC PAVEMENT MARKING	269.50	SF	18.80%	@	\$4.50	/	SF	=	\$1,212.75
ITEM NO.	29	PAVEMENT MARKER (REFLECTIVE)	22.00	EA	32.40%	@	\$8.00	/	EA	=	\$176.00

**TOTAL INCREASE = \$33,417.72**

**DECREASE IN CONTRACT ITEMS AT CONTRACT PRICES**

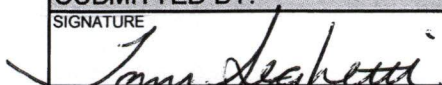
ITEM NO. 5	TEMPORARY DRAINAGE INLET PROTECTION	-4.00	EA	66.70%	@	\$300.00	/	EA	=	-\$1,200.00
ITEM NO. 7	REMOVE THERMOPLASTIC STRIPING	-4.00	LF	40.00%	@	\$1.00	/	LF	=	-\$4.00
ITEM NO. 11	RECONSTRUCT FENCE	-13.00	LF	18.60%	@	\$25.00	/	LF	=	-\$325.00
ITEM NO. 13	RELOCATE MAILBOX	-2.00	EA	66.70%	@	\$200.00	/	EA	=	-\$400.00
ITEM NO. 17	CLASS 2 AGGREGATE BASE	-17.54	CY	7.00%	@	\$50.00	/	CY	=	-\$877.00
ITEM NO. 25	MINOR CONCRETE (CURB RAMP& ISLAND)	-8.09	CY	14.40%	@	\$800.00	/	CY	=	-\$6,472.00
ITEM NO. B1	ADJUST UTILITY COVER TO GRADE	-6.00	EA	100.00%	@	\$100.00	/	EA	=	-\$600.00
ITEM NO. B2	REMOVE CONCRETE	-198.00	SF	12.90%	@	\$2.00	/	SF	=	-\$396.00
ITEM NO. B3	CLASS 2 AGGREGATE BASE	-9.42	CY	34.90%	@	\$50.00	/	CY	=	-\$471.00
ITEM NO. B4	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	-8.85	CY	27.70%	@	\$500.00	/	CY	=	-\$4,425.00
									<b>TOTAL DECREASE =</b>	<b>-\$15,170.00</b>

**BALANCE = \$18,247.72**


**ESTIMATED COST: INCREASE \$18,247.72**

BY REASON OF THIS CHANGE, THE CONTRACT TIME WILL BE INCREASED BY 0 WORKING DAYS

**SUBMITTED BY:**

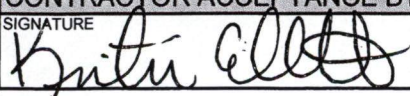
SIGNATURE 	PRINT NAME AND TITLE TONY SEGHETTI, CONSTRUCTION ENGINEER	DATE 12/2/2014
---	--	-------------------

**DIRECTOR APPROVAL BY:**

SIGNATURE 	PRINT NAME AND TITLE TOM MATTSON, DIRECTOR OF PUBLIC WORKS	DATE
--	---	------

WE, THE UNDERSIGNED CONTRACTOR, HAVE GIVEN CAREFUL CONSIDERATION TO THIS CHANGE PROPOSED AND 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, THEREFORE, THE PRICES SHOWN ABOVE. **NOTE: IF YOU, THE CONTRACTOR, DO NOT SIGN ACCEPTANCE OF THIS ORDER, YOUR ATTENTION IS DIRECTED TO THE REQUIREMENTS OF THE SPECIFICATION AS TO PROCEEDING WITH THE ORDERED WORK AND FILING A WRITTEN PROTEST WITHIN THE TIME THEREIN SPECIFIED.**

**CONTRACTOR ACCEPTANCE BY:**

SIGNATURE 	PRINT NAME AND TITLE Kristina Ellsworth Office Mgr	DATE 12/8/14
--	---	-----------------



COUNTY OF HUMBOLDT  
REQUEST FOR BUDGET TRANSFER/ADJUSTMENT

# A \_\_\_\_\_

DEPARTMENT: Roads-Engineering

DEPARTMENT #: 321

DATE: 2/10/2015

1.) The reason for this budget transfer request is:

- Transfer within expenditure/revenue category (with Auditor Approval)
- Transfer between expenditure/revenue category (with CAO & Auditor Approval)
- Increase/decrease Intrafund Transfer account (with Board Approval)\*
- Transfer to or from Contingencies (with Board Approval)\*
- Increase/decrease budget unit appropriation (with Board approval)\*
- Establish/transfer funds in Fixed Assets <\$10,000 (CAO & Auditor Approval)
- Establish/transfer funds in Fixed Assets >\$10,000 (with Board Approval)\*

2.) TRANSFER FROM:

<u>Orgkey</u>	<u>Account Number</u>	<u>Account Name</u>	<u>Amount</u>
<u>1200321</u>	<u>0297</u>	<u>Railroad Crossings-SJL</u>	<u>\$ 3,999.00</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

TRANSFER TO:

<u>Orgkey</u>	<u>Account Number</u>	<u>Account Name</u>	<u>Amount</u>
<u>1200321</u>	<u>0307</u>	<u>Grant School &amp; McK High-213001</u>	<u>\$ 3,999.00</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

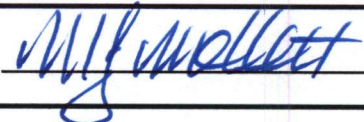
3.) In the space below, state (a) reason for transfer request, (b) reason why there are sufficient balances in affected accounts, and (c) why transfer cannot be delayed until next budget year.

To provide funding for construction contract contingencies per attached Agenda item (Project # 213001)  
Funds available from finalized projects to cover.

4.) Department Authorization:

(signed) 

5.) Account balances verified by Auditor-Controller

Date 1/29/15 (signed) 

6.) /Approved /Not approved /Recommended /Not recommended

County Administrative Officer:

Date \_\_\_\_\_ (signed) \_\_\_\_\_

INSTRUCTIONS

SEND ORIGINAL REQUEST FOR BUDGET TRANSFER DIRECTLY TO THE AUDITOR-CONTROLLER.

\* Requires copy of Board Order to be attached

**PROPOSED FINAL ESTIMATE OF WORK DONE ON GRANT ELEMENTARY AND  
MCKINLEYVILLE HIGH SAFE ROUTE TO SCHOOLS**

CONTRACT ITEMS (As detailed on attachment):

ORIGINAL CONTRACT AMOUNT	\$ 322,484.00
TOTAL APPROVED CHANGE ORDERS	\$ 20,122.22
TOTAL CONTRACT	\$ 342,606.22

**ACCEPTANCE STATEMENT**

I have examined the above proposed Final Estimate and agree to accept the total of \$342,606.22 as full payment for all work performed on the above contract, except as may be indicated below.

Exceptions (Check One):

None

As indicated per attachment letter  
dated \_\_\_\_\_.

By   
RAO Construction Co., Inc.  
Title Office Manager  
Date 1/12/2015

Please return this statement to:

Business Division  
County of Humboldt Public Works  
1106 2<sup>nd</sup> Street  
Eureka, CA 95501