

CHANGE ORDER MEMORANDUM

Date
September 18, 2020

TO: COUNTY OF LAKE			FILE: COUNTY CONTRACT NO. <u>18-22</u>	
FROM: Steve Phillips, Construction Project Manager			COUNTY PROJECT NAME <u>Cycle 7 & Cycle 8 HSIP Signs and Striping</u>	
FEDERAL PROJECT NO. <u>HSIPL-5914(104) & HSIPL-54914(113)</u>				
CCO NO. <u>1</u>	SUPPLEMENT NO.	CATEGORY CODE	CONTINGENCY BALANCE (Including this change): \$ _____	
CHANGE ORDER AMOUNT \$ <u>\$39,545.65</u> <u>X</u> INCREASE <u> </u> DECREASE			COUNTY BOARD OF SUPERVISORS APPROVAL REQUIRED? YES <u>X</u> NO <u> </u>	
SUPPLEMENTAL FUNDS PROVIDED \$ <u>0</u>			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS YES <u> </u> NO <u> </u>	
ORIGINAL CONTRACT TIME: <u>90</u> DAY(S)	TIME ADJUSTMENT THIS CHANGE: <u>10</u> DAY(S)	PREVIOUSLY APPROVED TIME ADJUSTMENTS: <u>0</u> DAY(S)	PERCENTAGE TIME ADJUSTED (Including this change) <u>11</u> %	TOTAL # OF UNRECONCILED DEFERRED TIME (Including this change) <u>0</u>

This Change Order provides for: Bringing the project up to date with current MUTCD sign size and sheeting color requirements. Changes the style of flexible delineators to current County Standards.

COMPREHENSIVE DESCRIPTION, JUSTIFICATION, AND COST SUMMARY

After the project was awarded the County was made aware that some of the sign sizes and sheeting colors, as shown on the Sign Spreadsheet in the project Special Provisions, had been changed and/or updated in the latest edition of the MUTCD. This change order will revise the sign panel sizes and sheeting colors to the current standards.

Sign size changes:

- * Increase Bid Item 5 by 220 SF @ \$13.25/SF = \$2,915.00
 - * Increase Bid Item 6 by 5 SF @ \$15/SF = \$75.00
 - * Reduce Bid Item 7 by 27 SF @ \$19.20/SF = -\$518.40
- Total Sign Size Changes = \$2,417.60

Change the original listed sheeting color from regular yellow or green to florescent yellow or green requires an additional cost of \$1.10/SF

Sign sheeting color changes:

- * Fluorescent yellow = 1,474 SF @ \$1.10 = \$16,21.40
 - * Fluorescent yellow green = 31.5 SF @ \$1.10/SF = \$34.65
- Total Sheeting Color Changes = \$1,656.05

Changes in sign sizes per MUTCD requires additional hardware & braces on all 48 inch signage. This project has 35 signs that require this additional hardware @ \$35.00/sign:

- * 35 signs @ \$35.00/sign = \$1,225.00
- Total Additional Hardware = \$1,225.00

Flexible delineator model changes:

Change the Class 1 flexible 66-inch delineators Type F to the Special Use Type 66-inch (metal U-channel base) per section 4 of the current Caltrans AML. See attached detail sheets.

- * Delete Bid Item 12, "Furnish and install Class 1 Flexible Post Delineators (Type F)
- 514 x \$103.00 = -\$52,942.00



Additional delineators required

A more detailed list of required delineators was developed during the project to meet current spacing requirements. An additional 430 delineators will be required. Total delineators required for the project (514 + 430) = 944.

- * Add New Item, "Furnish and install Special Use Type 66-inch (metal U-channel base) Delineator
- 944 x \$120.00 = \$113,280.00

TOTAL OF CHANGE ORDER NO.1 = \$39,545.65

TOTAL TIME ADJUSTMENT = 10 Working Days

CONCURRED BY:		ESTIMATE OF COST		
CONSTRUCTION PROJECT MANAGER	DATE:	THIS REQUEST		
Steve Phillips	9/18/2020	ITEMS	\$39,545.65	TO DATE
		FORCE ACCOUNT	\$0.00	\$39,545.65
		AGREED PRICE	\$0.00	\$0.00
		ADJUSTMENT	\$0.00	\$0.00
		TOTAL	\$39,545.65	\$39,545.65
PUBLIC WORKS DIRECTOR	DATE:	FEDERAL PARTICIPATION		
Scott De Leon		<u>X</u> PARTICIPATING <u> </u> PARTICIPATING IN PART <u> </u> NONE <u> </u> NON-PARTICIPATING (Maintenance) <u> </u> NON-PARTICIPATING		
OTHER	DATE:			
	9/18/2020			

COUNTY OF LAKE
Department of Public Works
255 North Forbes Street
Lakeport, CA 95453

CHANGE ORDER NO: 1

DATE: September 18, 2020

PROJECT: **Cycle 7 & Cycle 8 HSIP Signs and Striping**
Federal Project No.'s: HSIPL-5914(104) & HSIPL-5914(113)

CONTRACTOR: **McGuire-Pacific Constructors**
P.O. Box 4072
Auburn, CA 95604

Note: These changes in no way relieve the Contractor of completing work in accordance with standards established by the Standard Specifications and Special Provisions.

ITEM NO.	DESCRIPTION	TIME EXTENSION	VALUE
1	Increase Contract Item 5, "Furnish Single Sheet Aluminum Sign (0.08" Unframed) Type XI" by 220 SF @ \$13.25/SF	0	\$2,915.00
2	Increase Contract Item 6, "Furnish Single Sheet Aluminum Sign (0.08" Unframed) Type XI Protective Overlay Film" by 5 SF @ \$15.00/SF	0	\$75.00
3	Reduce Contract Item 7, "Furnish Single Sheet Aluminum Sign (0.08" Unframed) Type XI by 27 SF @ \$19.20/SF	0	-\$518.40
4	Revised sheeting colors to new MUTCD standards - 1,505.5 SF @ \$1.10/SF	0	\$1,656.05
5	Add hardware and braces to all signs 48 inch or larger 35 EA @ \$35.00/EA	0	\$1,225.00
6	Delete Contract Item 12, "Furnish and Install Class 1 Flexible Post Delineators (Type F) -514 EA @ \$103.00/EA	0	-\$52,942.00
7	Add "Furnish and Install Special Use Type 66-inch (Metal U-Channel Base) Delineator 944 EA @ \$120.00/EA	0	\$113,280.00
8	Reduce Contract Item 25, "Remove Existing Pavement Markers" by 7.47 miles @ \$3,500.00/mile	0	-\$26,145.00
		0	\$39,545.65

REQUESTED BY: Owner

REASONS: 1. To bring project up to current MUTCD Standards.
2. Balance all contract items to reflect actual final in-place quantities.

ORIGINAL CONTRACT WORKING DAYS:	90	Days
TIME EXTENSION ON PREVIOUS CHANGE ORDER(S):	0	Days
TIME EXTENSION FOR THIS CHANGE ORDER:	10	Days
REVISED CONTRACT WORKING DAYS:	<u>100</u>	Days

ORIGINAL CONTRACT AMOUNT:	\$1,239,526.00
AMOUNT PREVIOUS CHANGE ORDERS: (Additions)	0.00
AMOUNT PREVIOUS CHANGE ORDERS: (Deletions)	0.00
AMOUNT THIS CHANGE ORDER:	<u>39,545.65</u>
REVISED CONTRACT AMOUNT:	\$1,279,071.65

ACCEPTED: CONTRACTOR

By:



John McBurne owner
Name and Title

9/21/20
Date

RECOMMENDED:

By:


Department of Public Works

Scott De Leon, Director
Name and Title

9/24/2020
Date

APPROVED: OWNER

By:

Board of Supervisors

Moke Simon, Chair
Name and Title

Date

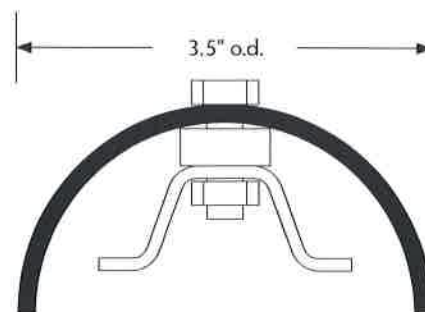
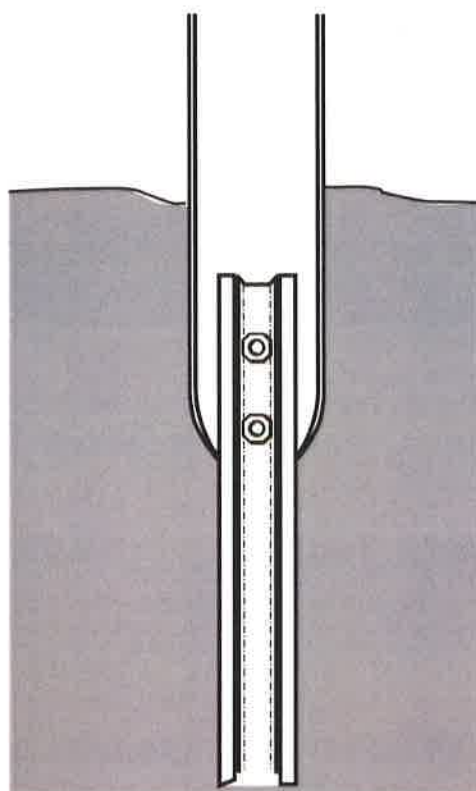
BID NO. 18-22

CONTRACT CHANGE ORDER NO. 1

ORIGINAL CONTRACT AMOUNT				FINAL IN-PLACE QUANTITIES			DIFFERENCE	
BASE BID ITEM NO.	DESCRIPTION	ESTIMATED QUANTITIES	UNIT OF MEASURE	UNIT COST	TOTAL	QTY / %	TOTAL	QTY / %
1	MOBILIZATION	1	LS	\$80,000.46	\$ 80,000.46	100%	\$ 80,000.46	0%
2	TRAFFIC CONTROL SYSTEM	1	LS	110,000.00	110,000.00	100%	\$ 110,000.00	0%
3	JOB SITE MANAGEMENT	1	LS	1,200.00	1,200.00	100%	\$ 1,200.00	0%
4	PREPARE WATER POLLUTION CONTROL PROGRAM	1	LS	2,500.00	2,500.00	100%	\$ 2,500.00	0%
5	FURNISH SINGLE SHEET ALUMINUM SIGN (0.08" UNFRAMED) TYPE XI	3,550	SF	13.25	47,037.50	3,770	\$ 49,952.50	220
6	FURNISH SINGLE SHEET ALUMINUM SIGN (0.08" UNFRAMED) TYPE XI, PROTECTIVE OVERLAY FILM	66	SF	15.00	990.00	71	\$ 1,065.00	5
7	FURNISH SINGLE SHEET ALUMINUM SIGN (0.08" FRAMED) TYPE XI	75	SF	19.20	1,440.00	48	\$ 921.60	-27
8	INSTALL ROADSIDE SIGN ONE-POST	774	EA	125.00	96,750.00	774	\$ 96,750.00	0
9	INSTALL ROADSIDE SIGN TWO-POST	3	EA	545.00	1,635.00	3	\$ 1,635.00	0
10	FURNISH AND INSTALL 2" TELESFAR SQUARE METAL POST AND ANCHOR ASSEMBLY	426	EA	152.50	64,965.00	426	\$ 64,965.00	0
11	FURNISH AND INSTALL 17 FT. 6" X 8" WOOD POST	6	EA	656.00	3,936.00	6	\$ 3,936.00	0
12	FURNISH AND INSTALL CLASS 1 FLEXIBLE POST DELINEATORS (TYPE F)	514	EA	103.00	52,942.00	0	\$ -	-514
13	TRAFFIC STRIP - DETAIL 6 - (1-COAT HIGH BUILD PAINT)	24,974	LF	0.35	8,740.90	24,974	\$ 8,740.90	0
14	TRAFFIC STRIP - DETAIL 11 - (1-COAT HIGH BUILD PAINT)	3,749	LF	0.35	1,312.15	3,749	\$ 1,312.15	0
15	TRAFFIC STRIP - DETAIL 19 - (1-COAT HIGH BUILD PAINT)	22,598	LF	0.70	15,818.60	22,598	\$ 15,818.60	0
16	TRAFFIC STRIP - DETAIL 22 - (1-COAT HIGH BUILD PAINT)	388,978	LF	0.80	311,182.40	388,978	\$ 311,182.40	0
17	TRAFFIC STRIP - DETAIL 25A - (1-COAT HIGH BUILD PAINT)	512	LF	0.55	281.60	512	\$ 281.60	0
18	TRAFFIC STRIP - DETAIL 27B - (1-COAT HIGH BUILD PAINT)	904,042	LF	0.39	352,576.38	904,042	\$ 352,576.38	0
19	TRAFFIC STRIP - DETAIL 27C - (1-COAT HIGH BUILD PAINT)	6,515	LF	0.30	1,954.50	6,515	\$ 1,954.50	0
20	TRAFFIC STRIP - DETAIL 29 - (1-COAT HIGH BUILD PAINT)	2,854	LF	1.20	3,424.80	2,854	\$ 3,424.80	0
21	TRAFFIC STRIP - DETAIL 32 - (1-COAT HIGH BUILD PAINT)	348	LF	1.20	417.60	348	\$ 417.60	0
22	TRAFFIC STRIP - DETAIL 38 - (1-COAT HIGH BUILD PAINT)	563	LF	1.12	630.56	563	\$ 630.56	0
23	TRAFFIC STRIP - DETAIL 39 - (1-COAT HIGH BUILD PAINT)	32,525	LF	0.55	17,888.75	32,525	\$ 17,888.75	0
24	TRAFFIC STRIP - DETAIL 39A - (1-COAT HIGH BUILD PAINT)	1,376	LF	0.55	756.80	1,376	\$ 756.80	0
25	REMOVE EXISTING PAVEMENT MARKERS	17.47	MILE	3,500.00	61,145.00	10.00	\$ 35,000.00	-7
CCO #1 Item No. 4	REVISE SHEETING COLORS TO NEW MUTCD STANDARDS	0	SF	1.10	-	1,505.50	\$ 1,656.05	1,506
CCO #1 Item No. 5	ADD HARDWARE AND BRACES TO ALL SIGNS 48 INCH OR LARGER	0	EA	35.00	-	35.00	\$ 1,225.00	35
CCO #1 Item No. 7	FURNISH AND INSTALL SPECIAL USE 66-inch (METAL U-CHANNEL BASE) DELINEATORS	0	EA	120.00	-	944.00	\$ 113,280.00	944
BASE BID TOTAL				\$ 1,239,526.00		103.2%	\$ 1,279,071.65	3.2%
							\$ 39,545.65	

Versatile, durable and visible

One of Carsonite's most durable posts. This polymer post with integral metal U-channel is easily driven into all types of soils. For use in areas where impacts are likely, this post has been impact tested at speeds of 65 mph.



How to Order:

CDS3

Product number

066

Length (in.)

See chart for availability by color.

Color (See chart below)

01

Color	Standard Lengths (in.)
01-White	66
02-Yellow	66
09-Gray	66

Other lengths and colors are available. Contact your representative.

Material: Polypropylene

Options and Accessories: Reflective sheeting

Stock or custom decals

Installation tools:

U-channel Driver (D300)





May 02, 2019

County of Lake
255 N Forbes Street
Lakeport, CA
95453
(707) 263-2341 ph.
(707) 263-7748 fx.

Cycle 7 & 8 HSIP Project
NO. 18-22
MPC# 201901

Attn: Steve Philips.
Construction Project Manager.

Re: Contract Change Proposal 001.
Change Back Frame Signs to Flat Sheet.

Listed below is the breakdown for change proposal 001.

Item #

01) - **Deletions**

- a)-delete item 07-Furnish single sheet framed ----- 75 s.f. @ \$19.20 = \$1,440.00
- b)-delete item 09-Install roadside sign 2 post ----- 3 ea. @ \$545.00 = \$1,635.00
- c)-delete item 11-Furnish & install 6x 8 wood posts -----6 ea. @ \$656.00 = \$3,963.00

02)-**Additions**.

- a)-Remove the 3 existing signs located on Big Valley Rd @ PM3.25, Morgan Valley Road @ PM2.08/2.11 and furnish and install 3 new 48"x48" W1-1a, .080, Type XI **FY** sheeting on 2.5" 10 gauge breakaway square metal posts, 36" heavy duty concreted anchor with sign back braces and mounting hardware in compliance with 2015 Caltrans Standard Plans.
3 ea. @ \$890.00 = \$2,670.00

Total Deletions - (\$7,038.00)

Total Additions - \$2,670.00

Net Change - (\$4,368.00)

The required post size and gauge is due to the sign size and wind load calculations provided by the post manufacture. Please contact our office if you have any questions.

Sincerely,

John Mc Guire, Jr.

John Mc Guire, Jr.

Mc Guire – Pacific Constructors

530.888.0527 • FAX 530.888.6318
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ENGINEERING CONTRACTOR LIC #587099