

AGREEMENT

This is an AGREEMENT made and entered into this 23 day
of May, 2023, by and between the County of Humboldt, a
political subdivision of the State of California (hereinafter referred to as COUNTY)
and RAO Construction Co Inc.,
a corporation organized and existing under the laws of the State of California,
hereinafter referred to as "CONTRACTOR".

Section 1 - SCOPE OF WORK

Contractor shall furnish all Labor, Tools and Materials and perform all the work for the:

**MCKINLEYVILLE SAFE ROUTES TO SCHOOLS
PROJECT NO.: ATPL 5904(170)
CONTRACT NO.: 218101**

in accordance with the contract documents referred to in Section 3 of this Agreement.

Section 2 - CONTRACT PRICE

County shall pay, and Contractor shall accept Contractor's Bid Prices, as shown on EXHIBIT "A" attached hereto and made a part hereof, as full compensation for furnishing all materials and for doing all the work contemplated and embraced in this Agreement; also for all loss or damage, arising out of the work aforesaid, or from the actions of the elements, or from any unforeseen difficulties or obstructions which may arise or be encountered in the prosecution of the work until its acceptance by County, and for all risks of every description connected with the work; also for all expenses incurred by or in consequence of the suspension or discontinuance of the work and for well and faithfully completing the work, and the whole thereof, in the manner and according to the Plans and Specifications, and the requirements of the Engineer.

Section 3 - CONTRACT DOCUMENTS

The complete contract between the parties hereto shall consist of the following, hereinafter referred to as the CONTRACT DOCUMENTS:

- Notice to Bidders
- Plans and Drawings
- Bid Form
- Bidder's Bond
- Supplemental Project Information
- Performance Bond
- Payment Bond
- This Agreement
- Special Provisions

And, as published by the Department of Transportation, State of California, except as modified by the Special Provisions:

- Standard Plans - dated 2022
- Revised Standard Plans – dated 10-21-2022
- Standard Specifications - dated 2022
- Equipment Rental Rates in effect at the time the work is performed

And, as published by the California Department of Industrial Relations, and the California Business, Transportation and Housing Agency:

- General Prevailing Wage Rates
- Labor and Surcharge Rates

And any addenda to any of the above documents, all of which are on file in the office of the Director of Public Works of the County of Humboldt. Each of said CONTRACT DOCUMENTS is incorporated and made a part of this Agreement by the reference contained in this Section.

All rights and obligations of the County and the Contractor are fully set forth and described in the Contract Documents. All of the above named documents are intended to be complimentary, so that any work called for in one, and mentioned in the other is to be performed and executed the same as if mentioned in all said documents.

Section 4 - BEGINNING OF WORK

Following receipt and full execution and approval of the Contract Documents, and posting of the requisite Bonds as called for therein, the COUNTY will issue a "Notice to Proceed". Under no circumstances shall the CONTRACTOR enter upon the site of work until receipt of the "Notice to Proceed", or unless so authorized in writing by the COUNTY.

Section 5 - TIME OF COMPLETION

The work called for in this Agreement shall be commenced within fifteen (15) days of receipt of Notice to Proceed by COUNTY and shall be fully completed within a period of 60 working days beginning on the fifteenth calendar day after the date of said approval of contract.

Section 6 - PREVAILING WAGE

Copies of the prevailing wage rates of per diem wages are on file in the Humboldt County Public Works office at 1106 Second Street, Eureka, California and are available to any interested person on request.

Section 7 - WORKERS' COMPENSATION

By my signature hereunder, as CONTRACTOR, I certify that I am aware of the provisions of Section 3700 of the Labor Code which requires every employer to be insured against liability for Workers' Compensation or to undertake self insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.

Section 8 - COMPLIANCE WITH LAWS

The Contractor agrees to comply with all local, state, and federal laws and regulations, including but not limited to the Americans With Disabilities Act. The Contractor further agrees to comply with any applicable federal, state or local licensing standards, any applicable accrediting standards, and any other applicable standards or criteria established locally or by the state or federal governments.

This agreement shall be governed by and construed in accordance with the laws of the State of California.

Section 9 - NOTICES

All notices shall be in writing and delivered in person or transmitted by mail. Notices required to be given to the COUNTY shall be addressed as follows:

Humboldt County Department of Public Works
1106 Second Street, Eureka, California, 95501

✓ Notices required to be given to CONTRACTOR shall be addressed as follows:

RAO Construction Co., Inc.

PO Box 28

Cutten, CA 95534

IN WITNESS WHEREOF, The parties hereto have entered into this Agreement as of the date first above set forth.

COUNTY OF HUMBOLDT

BY Steve Madron

(SEAL)

Chair, Board of Supervisors
of the County of Humboldt,
State of California

ATTEST:

KATHY HAYES

Clerk of the Board of Supervisors
of the County of Humboldt,
State of California

BY Tracy Damico
Deputy Clerk of the Board

✓ RAO Construction Co Inc.
BY Rick Olson

TITLE President

BY Kaitlin Elliott

TITLE Secretary

(Two Signatures Required For Corporation)

APPROVED AS TO FORM:

BY N/A
Deputy County Counsel

INSURANCE CERTIFICATES REVIEWED
AND APPROVED:

BY Krista Freeman on behalf of Amanda Phillips
Risk Manager

ADDENDUM No. 1
BID FORM (EXHIBIT A) PAGE 1 of 2
MCKINLEYVILLE SAFE ROUTES TO SCHOOLS
PROJECT NO.: ATPL 5904(170)
CONTRACT NO.: 218101

BASE BID

ITEM NO.	ITEM CODE	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
1	120090	Construction Area Signs	LS	1	7000.00	7,000.00
2	120100	Traffic Control System	LS	1	5,000.00	5,000.00
3	120120	Type III Barricade	EA	2	750.00	1,500.00
4	129000	Temporary Railing (Type K)	LF	160	18.75	3,000.00
5	130100	Job Site Management	LS	1	5,000.00	5,000.00
6	130200	Prepare Water Pollution Control Program	LS	1	2,000.00	2,000.00
7	130620	Temporary Drainage Inlet Protection	EA	6	100.00	600.00
8	130900	Temporary Concrete Washout	LS	1	1000.00	1,000.00
9	153123	Remove Concrete (SQYD)	SQYD	265	85.00	22,525.00
10	170103	Clearing and Grubbing	LS	1	20,000.00	20,000.00
11	190101	Roadway Excavation	CY	826	70.00	57,820.00
12	192001	F Structure Excavation	CY	268	70.00	18,760.00
13	193013	F Structure Backfill (Retaining Wall)	CY	253	80.00	20,240.00
14	260203	Class 2 Aggregate Base	CY	756	80.00	60,480.00
15	390132	Hot Mix Asphalt (Type A)	TON	328	300.00	98,400.00
16	394073	Place Hot Mix Asphalt Dike (Type A)	LF	68	100.00	6,800.00
17	477020	F Mechanically Stabilized Embankment	SF	480	85.00	40,800.00
18	510501	F Minor Concrete (Wire Wall Hardscape)	CY	2	800.00	1,600.00
19	562001	Roadside Sign (Solar Powered, PPB W/ ADA Plaque, RRFB, S1-1 W/ LED Lights & W16-7P)	EA	2	20,000.00	40,000.00
20	708000	Gutter Cover Plate	LF	50	215.00	10,750.00
21	710232	Modify Drainage Facility	EA	1	4,000.00	4,000.00
22	730070	Detectable Warning Surface	SF	98	50.00	4,900.00
23	731516	Minor Concrete (Driveway & Valley Gutter)	CY	35	1,440.00	50,400.00
24	731519	Minor Concrete (Stamped Concrete)	SF	114	35.00	3,990.00
25	731627	Minor Concrete (Curb, Sidewalk and Curb Ramp)	CY	35	1,440.00	50,400.00
26	803110	Reconstruct Wood Fence	LF	48	125.00	6,000.00
27	803180	Relocate Chain Link Fence	LF	210	48.00	10,080.00

ADDENDUM No. 1
BID FORM (EXHIBIT A) PAGE 2 of 2
MCKINLEYVILLE SAFE ROUTES TO SCHOOLS
PROJECT NO.: ATPL 5904(170)
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28	820131	Object markers (Type K-1)	EA	3	500.00	1,500.00
29	820250	Remove Roadside Sign	EA	3	530.00	1,590.00
30	820550	Reset Roadside Sign (Metal Post)	EA	1	400.00	400.00
31	820620	Relocate Roadside Sign (Metal Post)	EA	5	400.00	2,000.00
32	820840	Roadside Sign - One Post	EA	9	500.00	4,500.00
33	820900	Install Roadside Sign Panel on Existing Post	EA	9	300.00	2,700.00
34	840501	Thermoplastic Traffic Stripe	LF	3,400	4.00	13,600.00
35	840515	Thermoplastic Pavement Marking	SF	743	12.00	8,916.00
36	846030	Remove Thermoplastic Traffic Stripe	LF	280	5.00	1,400.00
37	999990	Mobilization	LS	1	3,000.00	3,000.00

NOTE: ITEM CODE LETTER DESIGNATION; P=ELIGIBLE FOR PARTIAL PAYMENT, F=FINAL PAY QUANTITY

BASE BID TOTAL 592,651.00

ADDITIVE OPTION A

ITEM NO.	ITEM CODE	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
A1	390132	Hot Mix Asphalt (Type A)	TON	108	300.00	32,400.00
A2	398200	Cold Plane Asphalt Concrete Pavement	SQYD	495	20.00	9,900.00
A3	731627	Minor Concrete (Curb and Sidewalk)	CY	2	1,440.00	2,880.00
A4	731760	Remove Concrete Curb and Sidewalk (SQYD)	SQYD	12	200.00	2,400.00
A5	780258	Adjust Manhole Frame and Cover (Utility)	EA	1	2,500.00	2,500.00
A6	780433	Paint Curb (2-Coat)	SQFT	20	15.00	300.00
A7	840519	Thermoplastic Crosswalk and Pavement Marking	SQFT	192	15.00	2,880.00

ADDITIVE OPTION TOTAL 53,260.00

ACKNOWLEDGEMENT OF ADDENDA

ADDENDUM NO.
 #1 3/8/23
 #2 3/30/23

INITIAL
 R.O.
 R.O.


 (Bidder's Signature)

President
 (Title)



County of Humboldt
Department of Public Works
1106 Second Street
Eureka, CA 95501
TEL (707) 445-7377
ADDENDUM NO. 1
 (Issued March 8, 2023)

McKinleyville Safe Routes to Schools
PROJECT NO.: ATPL 5904(170)
CONTRACT NO.: 218101

The Special Provisions and Plans are hereby modified in accordance with the following:

1. *Replace the Bid Form (Exhibit A) with the revised Addendum No. 1 Bid Form (pages 1 & 2) attached to this Addendum (bid item number 29 added, bid item numbers 30-32, 35 quantities updated).*
2. *Notice to Bidders, page 4 Engineer's Estimate is changed to \$494,650.00.*
3. *Replace the following sheets of the project plans with the attached revised sheets (general description of revisions in parenthesis)*
 - a. *Sheet No. 2 (revision to Quantity Table)*
 - b. *Sheet No. 22 (revision to Bates Road Pavement Marking Summary table)*
 - c. *Sheet No. 23 (revision to Site Plans. Changed crosswalk stripes to yellow, added "SLOW SCHOOL XING" pavement marks, signs S1-1, W16-7P, W16-9P, removed existing signs W11-2 and W16-7P)*
 - d. *Sheet No. 24 (corrected typo in annotations for sign plaques W16-9P)*
 - e. *Sheets 22-24 (adjusted layouts to show signing, striping and pavement marks more clearly)*

Approved:

Jeffrey A. Ball
 RCE 70631, Expire 06/30/2023

03-08-2023

Date

I M P O R T A N T

This Addendum is being sent EMAIL/FAX. To indicate receipt of this Addendum please sign and send back to the Department of Public Works.

EMAIL: PWEngineering@co.humboldt.ca.us
 or FAX: (707) 445-7409

Received by:

Date

3/8/23

Company:

RAO Construction Co., Inc.

Pages

Received

7

Total Pages Sent 7

ADDENDUM No. 1
BID FORM (EXHIBIT A) PAGE 1 of 2
MCKINLEYVILLE SAFE ROUTES TO SCHOOLS
PROJECT NO.: ATPL 5904(170)
CONTRACT NO.: 218101

BASE BID

ITEM NO.	ITEM CODE	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
1	120090	Construction Area Signs	LS	1		
2	120100	Traffic Control System	LS	1		
3	120120	Type III Barricade	EA	2		
4	129000	Temporary Railing (Type K)	LF	160		
5	130100	Job Site Management	LS	1		
6	130200	Prepare Water Pollution Control Program	LS	1		
7	130620	Temporary Drainage Inlet Protection	EA	6		
8	130900	Temporary Concrete Washout	LS	1		
9	153123	Remove Concrete (SQYD)	SQYD	265		
10	170103	Clearing and Grubbing	LS	1		
11	190101	Roadway Excavation	CY	826		
12	192001	F Structure Excavation	CY	268		
13	193013	F Structure Backfill (Retaining Wall)	CY	253		
14	260203	Class 2 Aggregate Base	CY	756		
15	390132	Hot Mix Asphalt (Type A)	TON	328		
16	394073	Place Hot Mix Asphalt Dike (Type A)	LF	68		
17	477020	F Mechanically Stabilized Embankment	SF	480		
18	510501	F Minor Concrete (Wire Wall Hardscape)	CY	2		
19	562001	Roadside Sign (Solar Powered, PPB W/ ADA Plaque, RRFB, S1-1 W/ LED Lights & W16-7P)	EA	2		
20	708000	Gutter Cover Plate	LF	50		
21	710232	Modify Drainage Facility	EA	1		
22	730070	Detectable Warning Surface	SF	98		
23	731516	Minor Concrete (Driveway & Valley Gutter)	CY	35		
24	731519	Minor Concrete (Stamped Concrete)	SF	114		
25	731627	Minor Concrete (Curb, Sidewalk and Curb Ramp)	CY	35		
26	803110	Reconstruct Wood Fence	LF	48		
27	803180	Relocate Chain Link Fence	LF	210		

ADDENDUM No. 1
BID FORM (EXHIBIT A) PAGE 2 of 2
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PROJECT NO.: ATPL 5904(170)
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28	820131	Object markers (Type K-1)	EA	3		
29	820250	Remove Roadside Sign	EA	3		
30	820550	Reset Roadside Sign (Metal Post)	EA	1		
31	820620	Relocate Roadside Sign (Metal Post)	EA	5		
32	820840	Roadside Sign - One Post	EA	9		
33	820900	Install Roadside Sign Panel on Existing Post	EA	9		
34	840501	Thermoplastic Traffic Stripe	LF	3,400		
35	840515	Thermoplastic Pavement Marking	SF	743		
36	846030	Remove Thermoplastic Traffic Stripe	LF	280		
37	999990	Mobilization	LS	1		

NOTE: ITEM CODE LETTER DESIGNATION; P=ELIGIBLE FOR PARTIAL PAYMENT, F=FINAL PAY QUANTITY

BASE BID TOTAL

ADDITIVE OPTION A

ITEM NO.	ITEM CODE	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
A1	390132	Hot Mix Asphalt (Type A)	TON	108		
A2	398200	Cold Plane Asphalt Concrete Pavement	SQYD	495		
A3	731627	Minor Concrete (Curb and Sidewalk)	CY	2		
A4	731760	Remove Concrete Curb and Sidewalk (SQYD)	SQYD	12		
A5	780258	Adjust Manhole Frame and Cover (Utility)	EA	1		
A6	780433	Paint Curb (2-Coat)	SQFT	20		
A7	840519	Thermoplastic Crosswalk and Pavement Marking	SQFT	192		

ADDITIVE OPTION TOTAL

ACKNOWLEDGEMENT OF ADDENDA

ADDENDUM NO. INITIAL

(Bidder's Signature)

(Title)

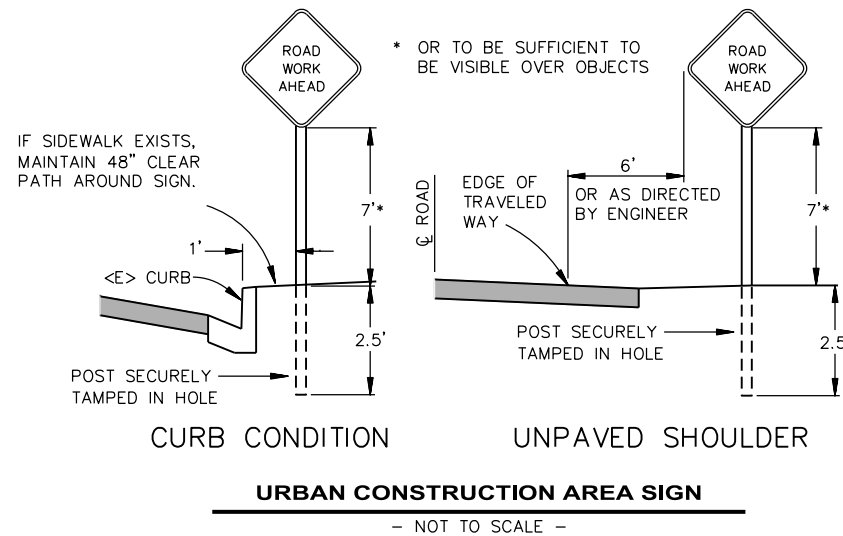
CONSTRUCTION AREA SIGN NOTES

- SEE STANDARD PLAN T13 FOR TRAFFIC CONTROL SYSTEM.
- CONSTRUCTION AREA SIGNS SHALL BE PLACED AS SHOWN ON PLAN OR AS DIRECTED BY THE ENGINEER.
- FINAL PLACEMENT OF SIGNS SHALL BE APPROVED BY RESIDENT ENGINEER.
- ADDITIONAL PORTABLE SIGNS SHALL BE USED AS REQUIRED FOR OTHER ROADSIDE WORK.
- IN ADDITION TO CONSTRUCTION AREA SIGNS AND WHEN DIRECTED BY THE RESIDENT ENGINEER, THE CONTRACTOR SHALL UTILIZE FLAGMEN AS NECESSARY TO DIRECT TRAFFIC.
- PLACE SIGNS APPROXIMATELY 100 FEET APART OR AS DIRECTED BY THE ENGINEER
- DISTANCE TO W20-1 AND G20-2 MAY BE EXTENDED TO ENCOMPASS SITES WITHIN ONE MILE OF EACH OTHER.
- WHEN THROUGH TRAFFIC IS ALLOWED, KEEP A MINIMUM OF 1 TRAFFIC LANE AT LEAST 10 FEET WIDE OPEN FOR TRAFFIC, EXCEPT THE FULL WIDTH OF THE TRAVELED WAY (18' MINIMUM) MUST BE OPEN WHEN CONSTRUCTION OPERATIONS ARE NOT ACTIVE OR AN APPROVED TRAFFIC CONTROL PLAN IS IN PLACE.
- CONTRACTOR MUST PROVIDE A MINIMUM OF 14 DAYS NOTICE OF COMPLETE ROAD CLOSURE TO ENGINEER.

STOCKPILE NOTES- STD PLAN T53

- MANAGE MATERIAL STOCKPILE PER SECTION 13-4.03(C) OF CALTRANS STANDARD SPECIFICATIONS
- IF STOCKPILE AREA IS IN A TURNOUT, THE TURNOUT SHALL BE REESTABLISHED TO PRE-CONSTRUCTION CONDITIONS.

CONSTRUCTION AREA SIGN SUMMARY					
SIGN CODE	DESCRIPTION	QTY	POST SIZE & QTY	PANEL SIZE (WIDTH x HEIGHT)	NOTES
(G20-2)	"END ROAD WORK"	6	4" x 4" (1)	36" x 18"	
(M4-9aL)	"DETOUR" / *BIKE, PEDESTRIAN & LEFT ARROW*	1	N/A	30" x 24"	ON TYPE III BARRICADE
(M4-9aR)	"DETOUR" / *BIKE, PEDESTRIAN & RIGHT ARROW*	1	N/A	30" x 24"	ON TYPE III BARRICADE
(R1) (R1-SPECIAL)	STOP "PROCEED WHEN CLEAR"	2	4" x 4" (1)	36" x 36" 36" x 18"	
(W3-1)	STOP AHEAD	2	4" x 4" (1)	36" x 36"	
(W20-1)	"ROAD WORK AHEAD"	8	4" x 4" (1)	36" x 36"	



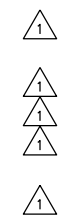
ROAD NAME: MCKINLEYVILLE AVE. & BATES RD		DESIGN SECTION: ENGINEERING
ROAD NO.: C4L925 & 4M106	MILE POST: VARIOUS	DESIGNED BY: VARIOUS
PROJECT NO.: ATPL-5904(170)		DRAWN BY: RMD
CONTRACT NO.: 218101		REVIEWED BY: JAB
DRAWING FILE NAME:		APPROVED BY: TRS
PLOT DATE: 02/08/2023	REVISION DATE: 03/10/2023	

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS
MCKINLEYVILLE SAFE ROUTES TO SCHOOL
BID QUANTITIES AND CONSTRUCTION AREA SIGNS

SHEET
2
OF
25

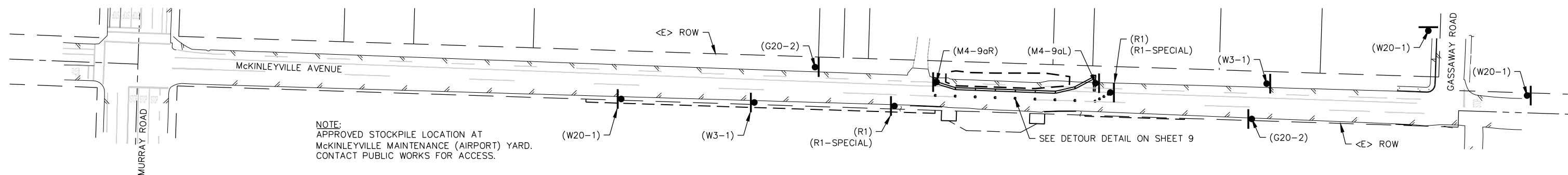
QUANTITIES

ITEM NO.	ITEM CODE	ITEM DESCRIPTION	UNIT	QUANTITY
1	120090	Construction Area Signs	LS	1
2	120100	Traffic Control System	LS	1
3	120120	Type III Barricade	EA	2
4	129000	Temporary Railing (Type K)	LF	160
5	130100	Job Site Management	LS	1
6	130200	Prepare Water Pollution Control Program	LS	1
7	130620	Temporary Drainage Inlet Protection	EA	6
8	130900	Temporary Concrete Washout	LS	1
9	153123	Remove Concrete (SQYD)	SQYD	265
10	170103	Clearing and Grubbing	LS	1
11	190101	Roadway Excavation	CY	826
12	192001	F Structure Excavation	CY	268
13	193013	F Structure Backfill (Retaining Wall)	CY	253
14	260203	Class 2 Aggregate Base	CY	756
15	390132	Hot Mix Asphalt (Type A)	TON	328
16	394073	Place Hot Mix Asphalt Dike (Type A)	LF	68
17	477020	F Mechanically Stabilized Embankment	SF	480
18	510501	F Minor Concrete (Wire Wall Hardscape)	CY	2
19	562001	Roadside Sign (Solar Powered, PPB W/ ADA Plaque, RRFB, S1-1 W/ LED Lights & W16-7P)	EA	2
20	708000	Gutter Cover Plate	LF	50
21	710232	Modify Drainage Facility	EA	1
22	730070	Detectable Warning Surface	SF	98
23	731516	Minor Concrete (Driveway & Valley Gutter)	CY	35
24	731519	Minor Concrete (Stamped Concrete)	SF	114
25	731627	Minor Concrete (Curb, Sidewalk and Curb Ramp)	CY	35
26	803110	Reconstruct Wood Fence	LF	48
27	803180	Relocate Chain Link Fence	LF	210
28	820131	Object markers (Type K-1)	EA	3
29	820250	Remove Roadside Sign	EA	3
30	820550	Reset Roadside Sign (Metal Post)	EA	1
31	820620	Relocate Roadside Sign (Metal Post)	EA	5
32	820840	Roadside Sign - One Post	EA	9
33	820900	Install Roadside Sign Panel on Existing Post	EA	9
34	840501	Thermoplastic Traffic Stripe	LF	3,400
35	840515	Thermoplastic Pavement Marking	SF	743
36	846030	Remove Thermoplastic Traffic Stripe	LF	280
37	999990	Mobilization	LS	1



CONSTRUCTION AREA SIGNS FOR MCKINLEYVILLE AVENUE AT NORTON CREEK

SCALE: 1" = 50'



ADDITIVE OPTION A				
ITEM NO.	ITEM CODE	ITEM DESCRIPTION	UNIT	QUANTITY
A1	390132	Hot Mix Asphalt (Type A)	TON	108
A2	398200	Cold Plane Asphalt Concrete Pavement	SQYD	495
A3	731627	Minor Concrete (Curb and Sidewalk)	CY	2
A4	731760	Remove Concrete Curb and Sidewalk (SQYD)	SQYD	12
A5	780258	Adjust Manhole Frame and Cover (Utility)	EA	1
A6	780433	Paint Curb (2-Coat)	SQFT	20
A7	840519	Thermoplastic Crosswalk and Pavement Marking	SQFT	192

STRIPING LEGEND

DETAIL 1: CENTERLINE, 4" YELLOW
 DETAIL 39: BIKE LANE LINE, 6" WHITE
 DETAIL 39A: BIKE LANE INTERSECTION LINE, 6" WHITE

NOTES:

1. END DETAIL 39 50' - 200' FROM INTERSECTIONS AND BEGIN DETAIL 39A. END DETAIL 39A AT INTERSECTIONS
2. BETWEEN STA 5+25 AND 6+40 ('B' LINE), PLACE BIKE LANE LINE TO ALLOW PARKING ALONG EXISTING SIDEWALK.
3. STRIPING PER CALTRANS STANDARD PLANS A20A, A20D



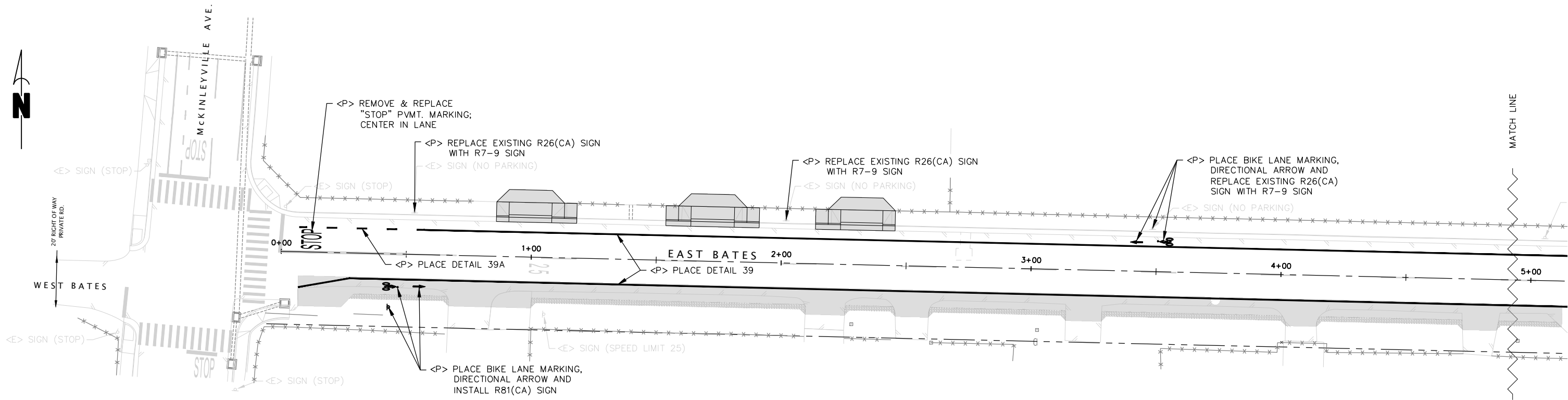
ROAD NAME: MCKINLEYVILLE AVE. & BATES RD		DESIGN SECTION	COUNTY OF HUMBOLDT Attachment 1 DEPARTMENT OF PUBLIC WORKS MCKINLEYVILLE SAFE ROUTES TO SCHOOL BATES ROAD SIGN AND STRIPING PLAN
ROAD NO.: C4L925 & 4M106	MILE POST: VARIOUS	ENGINEERING	
PROJECT NO.: ATPL-5904(170)		DESIGNED BY: VARIOUS	
CONTRACT NO.: 218101		DRAWN BY: RMD	
DRAWING FILE NAME: 218101 BATES SR2S		REVIEWED BY: JAB	
PLOT DATE: 02/08/2023	REVISION DATE: 03/10/2023	APPROVED BY: TRS	

SHEET
22
 OF
25

SIGN CODE	DESCRIPTION	QTY	POST SIZE & QTY	PANEL SIZE (WIDTH x HEIGHT)	NOTES
R7-9	"NO PARKING BIKE LANE"	8	N/A	12" x 18"	REPLACE EXISTING R26(CA)
R81 (CA)	"BIKE LANE"	2	4" x 4" (1)	12" x 8"	
S1-1	SCHOOL	4	Ø2-3/8" (1)	36" x 36"	
W16-7P	DIAGONAL ARROW	2	N/A	24" x 12"	UNDER S1-1 AT CROSSING
W16-9P	"AHEAD"	2	N/A	24" x 12"	UNDER S1-1

MARKING TYPE	DESCRIPTION	QUANTITY (EACH)	AREA (SQFT)
ARROW	BIKE LANE ARROW	8	3.5
BIKE LANE	HELMETED BICYCLIST SYMBOL	8	7
CROSSWALK	CROSSWALK-CONTINENTAL, 9' YELLOW	8	9
SHARROW	SHARED ROADWAY BICYCLE MARKING	6	11.5
STOP	"STOP"	1	22
SLOW	"SLOW"	2	23
SCHOOL	"SCHOOL"	2	35
XING	"XING"	2	21
YIELD LINE	3x TRIANGLES (2' WIDE, 3' LONG)	2	9

STRIPING TYPE	DESCRIPTION	QUANTITY (LF)
DETAIL 1	CENTERLINE, 4" YELLOW	30
DETAIL 39	BIKE LANE LINE, 6" WHITE	2405
DETAIL 39A	BIKE LANE INTERSECTION LINE, 6" WHITE	200



SITE PLAN
 SCALE: 1"=20'



BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: MCKINLEYVILLE AVE. & BATES RD	DESIGN SECTION	COUNTY OF HUMBOLDT Attachment 1
	ROAD NO.: C4L925 & 4M106	ENGINEERING	DEPARTMENT OF PUBLIC WORKS
	MILE POST: VARIOUS	DESIGNED BY: VARIOUS	MCKINLEYVILLE SAFE ROUTES TO SCHOOL
	PROJECT NO.: ATPL-5904(170)	DRAWN BY: RMD	BATES ROAD
	CONTRACT NO.: 218101	REVIEWED BY: JAB	SIGN AND STRIPING PLAN
	DRAWING FILE NAME: 218101 BATES SR25	APPROVED BY: TRS	
	PLOT DATE: 02/08/2023	REVISION DATE: 03/10/2023	

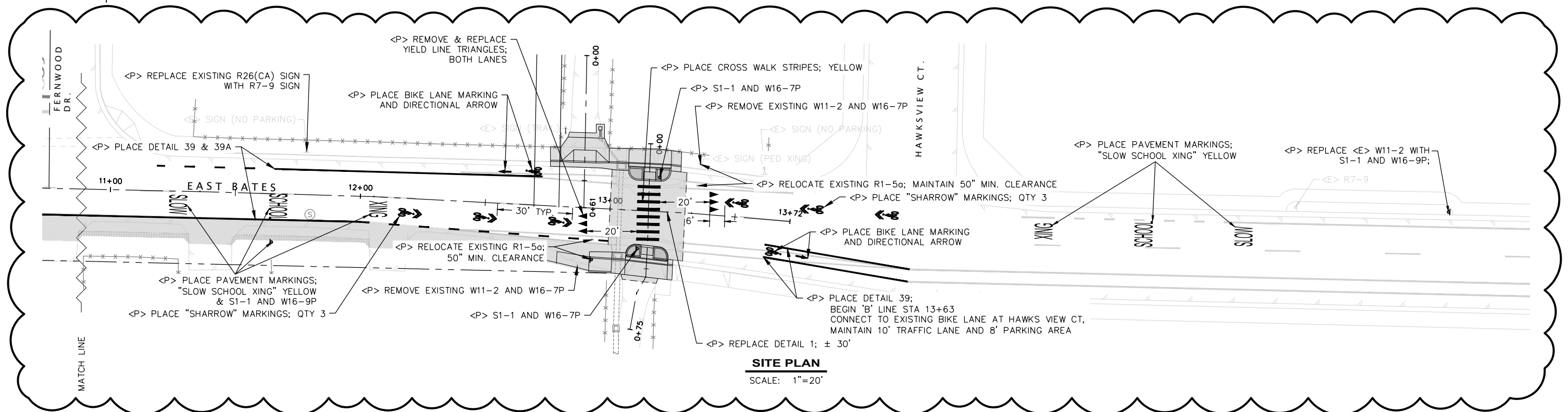
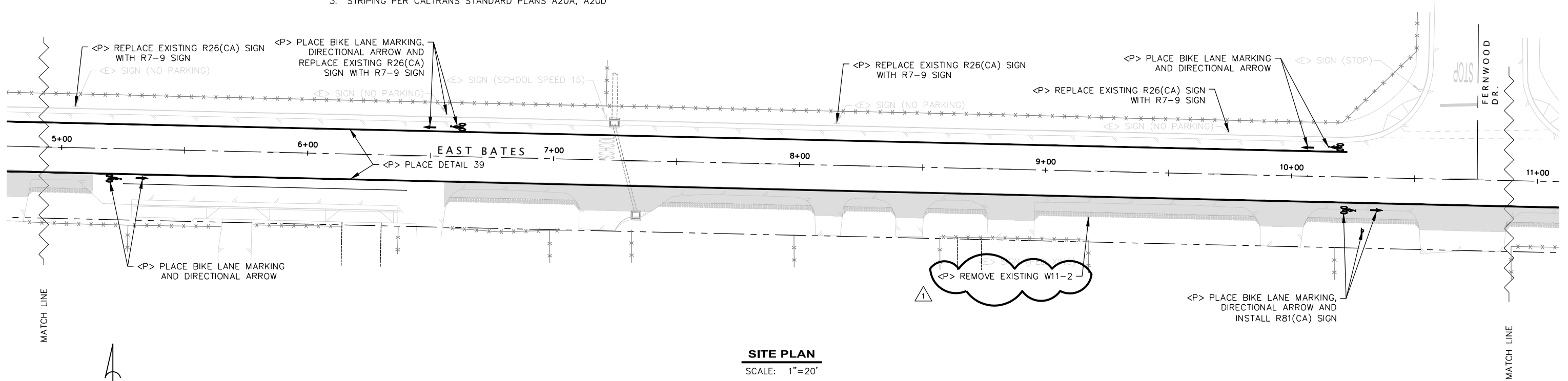
SHEET	23
OF	25

STRIPING LEGEND

DETAIL 1: CENTERLINE, 4" YELLOW
 DETAIL 39: BIKE LANE LINE, 6" WHITE
 DETAIL 39A: BIKE LANE INTERSECTION LINE, 6" WHITE

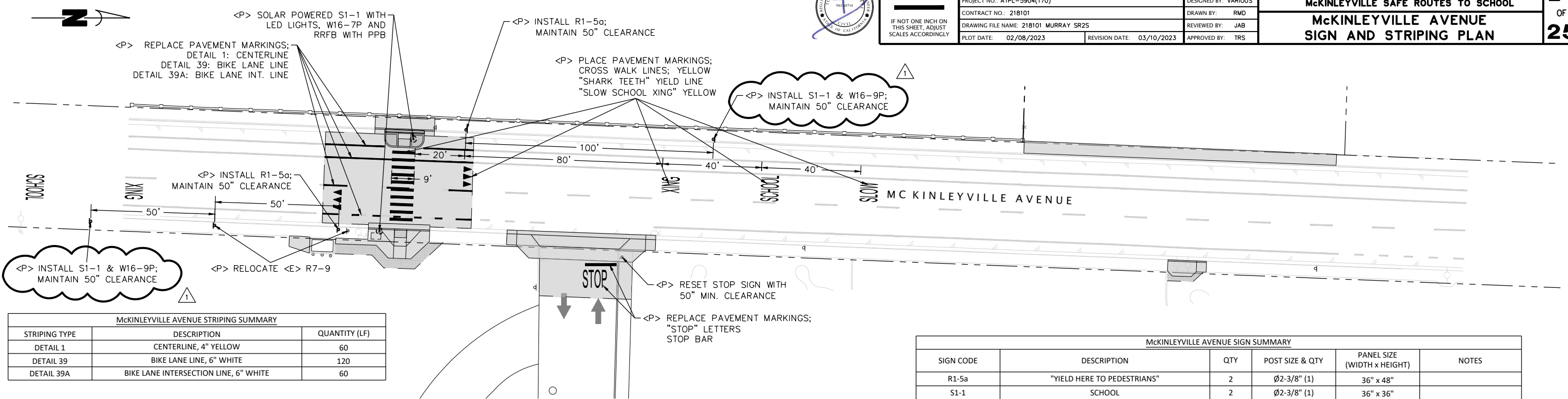
NOTES:

1. END DETAIL 39 50' - 200' FROM INTERSECTIONS AND BEGIN DETAIL 39A. END DETAIL 39A AT INTERSECTIONS
2. BETWEEN STA 5+25 AND 6+40 ('B' LINE), PLACE BIKE LANE LINE TO ALLOW PARKING ALONG EXISTING SIDEWALK.
3. STRIPING PER CALTRANS STANDARD PLANS A20A, A20D





ROAD NAME: MCKINLEYVILLE AVE. & BATES RD	DESIGN SECTION: ENGINEERING
ROAD NO.: C4L925 & 4M106	MILE POST: VARIOUS
PROJECT NO.: ATPL-5904(170)	DESIGNED BY: VARIOUS
CONTRACT NO.: 218101	DRAWN BY: RMD
DRAWING FILE NAME: 218101 MURRAY SR25	REVIEWED BY: JAB
PLOT DATE: 02/08/2023	APPROVED BY: TRS
	REVISION DATE: 03/10/2023



MCKINLEYVILLE AVENUE STRIPING SUMMARY

STRIPING TYPE	DESCRIPTION	QUANTITY (LF)
DETAIL 1	CENTERLINE, 4" YELLOW	60
DETAIL 39	BIKE LANE LINE, 6" WHITE	120
DETAIL 39A	BIKE LANE INTERSECTION LINE, 6" WHITE	60

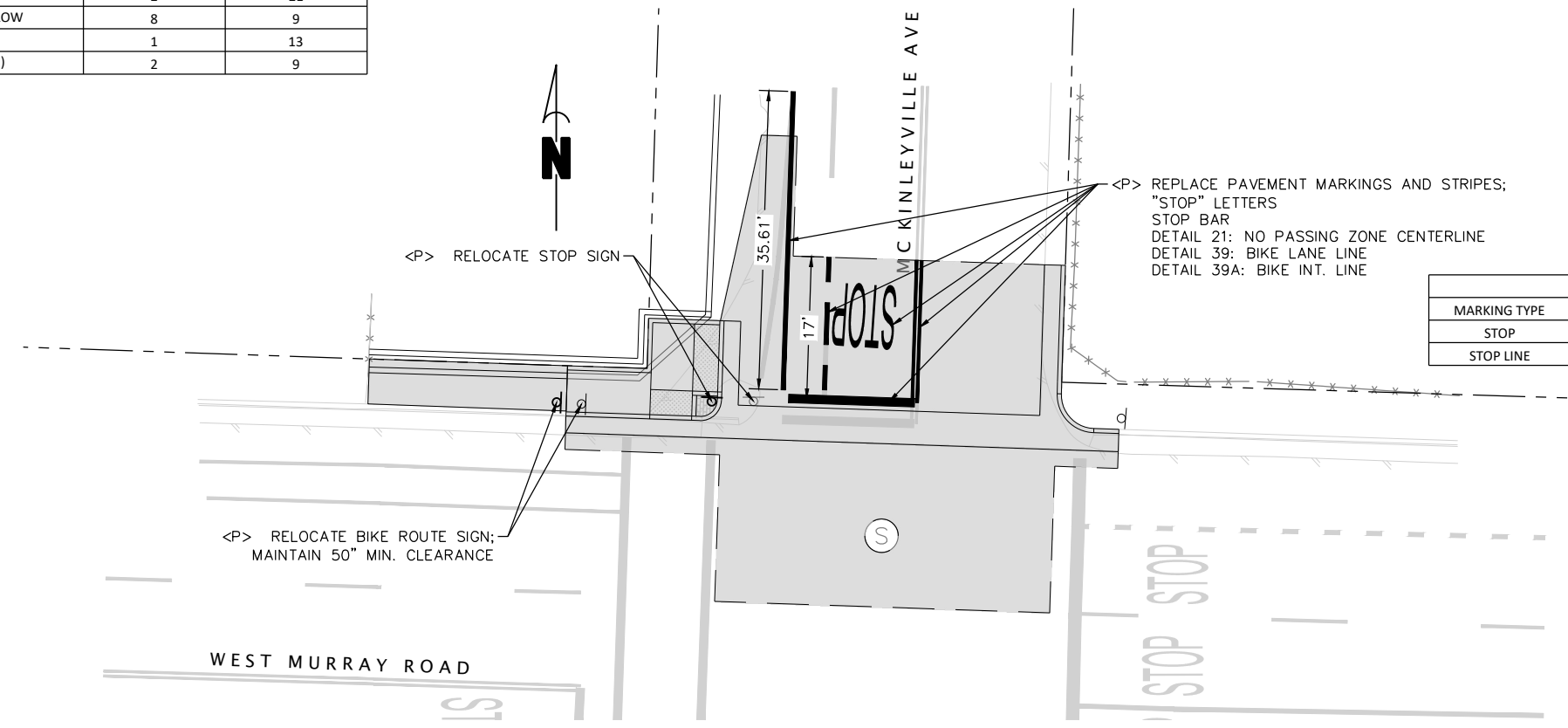
MCKINLEYVILLE AVENUE PAVEMENT MARKING SUMMARY

MARKING TYPE	DESCRIPTION	QUANTITY (EACH)	AREA (SQFT)
STOP	"STOP"	1	22
SLOW	"SLOW"	2	23
SCHOOL	"SCHOOL"	2	35
XING	"XING"	2	21
CROSSWALK	CROSSWALK-CONTINENTAL, 9' YELLOW	8	9
STOP LINE	LIMIT LINE (STOP LINE); 13'	1	13
YIELD LINE	3x TRIANGLES (2' WIDE, 3' LONG)	2	9

MCKINLEYVILLE AVENUE SIGN SUMMARY

SIGN CODE	DESCRIPTION	QTY	POST SIZE & QTY	PANEL SIZE (WIDTH x HEIGHT)	NOTES
R1-5a	"YIELD HERE TO PEDESTRIANS"	2	Ø2-3/8" (1)	36" x 48"	
S1-1	SCHOOL	2	Ø2-3/8" (1)	36" x 36"	
S1-1	SCHOOL WITH LED LIGHTS	2	Ø4" (1)	36" x 36"	SOLAR POWERED
W16-7P	DIAGONAL ARROW	2	N/A	24" x 12"	UNDER S1-1 AT CROSSING
W16-9P	"AHEAD"	2	N/A	24" x 12"	UNDER S1-1

SITE PLAN
 SCALE: 1"=20'



MCKINLEYVILLE AVENUE / MURRAY ROAD STRIPING SUMMARY

STRIPING TYPE	DESCRIPTION	QUANTITY (LF)
DETAIL 21	NO PASSING ZONE CENTERLINE, DOUBLE 6" YELLOW	17
DETAIL 39	BIKE LANE LINE, 6" WHITE	36
DETAIL 39A	BIKE LANE INTERSECTION LINE, 6" WHITE	17

MCKINLEYVILLE AVENUE / MURRAY ROAD PAVEMENT MARKING SUMMARY

MARKING TYPE	DESCRIPTION	QUANTITY (EACH)	AREA (SQFT)
STOP	"STOP"	1	22
STOP LINE	LIMIT LINE (STOP LINE); 15'	1	15

INTERSECTION SITE PLAN
 SCALE: 1"=10'



County of Humboldt
Department of Public Works
1106 Second Street
Eureka, CA 95501
TEL (707) 445-7377
ADDENDUM NO. 2
 (Issued March 30, 2023)

McKinleyville Safe Routes to Schools
PROJECT NO.: ATPL 5904(170)
CONTRACT NO.: 218101

The Special Provisions and Plans are hereby modified in accordance with the following:

1. Per **Section 7-1.11A** of the Special Provisions, notice is hereby given that this contract is subject to the Federal Wage Rates as revised on **3-17-2023, General Decision Number: CA20230004** ("Revised Wage Rates"). Although the Revised Federal Wage Rates are not required to be physically included in the Bid Package, the Revised Wage Rates shall be included in the Agreement signed by the County of Humboldt and the Contractor. The Revised Wage Rates are available at the Humboldt County Department of Public Works located at 1106 2nd St. Eureka, CA 95501 or directly from the Department of Labor at <https://sam.gov/wage-determination/CA20230004/2>.

Approved:

Jeffrey A. Ball

Jeffrey A. Ball
 RCE 70631, Expire 06/30/2023

03-30-2023

Date

I M P O R T A N T

This Addendum is being sent EMAIL/FAX. To indicate receipt of this Addendum please sign and send back to the Department of Public Works.

EMAIL: PWEngineering@co.humboldt.ca.us
 or FAX: (707) 445-7409

Received by:

Kristin Elliott

Date

3/30/23

Company:

RAO Construction Co., Inc.

Pages

Received

1

Total Pages Sent 1

CONTRACT CHANGE ORDER NUMBER	1	SUPPL. NO.	
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DATE PREPARED BY RESIDENT ENGINEER: June 23, 2023

PROJECT NAME: MCKINLEYVILLE SAFE ROUTES TO SCHOOLS PROJECT

PROJECT NO. ATPL-5904(170) CONTRACT NO. 218101

TO: RAO CONSTRUCTION CO., INC., P.O. BOX 28, CUTTEN, CA 95534

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 FOR THIS CONTRACT. NOTE THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE DIRECTOR OF PUBLIC WORKS

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

DECREASE IN CONTRACT ITEMS AT CONTRACT PRICES

ITEM NO. 3	TYPE III BARRICADE					
	-2 EA	-100.00%	@	\$ 750.00	/ EA	\$ (1,500.00)
ITEM NO. 4	TEMPORARY RAILING (TYPE K)					
	-160 LF	-100.00%	@	\$ 18.75	/ LF	\$ (3,000.00)
ITEM NO. 10	CLEARING AND GRUBBING					
	-1 LS	-100.00%	@	\$ 20,000.00	/ LS	\$ (20,000.00)
ITEM NO. 12	STRUCTURE EXCAVATION					
	-268 CY	-100.00%	@	\$ 70.00	/ CY	\$ (18,760.00)
ITEM NO. 13	STRUCTURE BACKFILL (RETAINING WALL)					
	-253 CY	-100.00%	@	\$ 80.00	/ CY	\$ (20,240.00)
ITEM NO. 17	MECHANICALLY STABILIZED EMBANKMENT					
	-480 SF	-100.00%	@	\$ 85.00	/ SF	\$ (40,800.00)
ITEM NO. 18	MINOR CONCRETE (WIRE WALL HARDSCAPE)					
	-2 CY	-100.00%	@	\$ 800.00	/ CY	\$ (1,600.00)
ITEM NO. 27	RELOCATE CHAIN LINK FENCE					
	-210 LF	-100.00%	@	\$ 48.00	/ LF	\$ (10,080.00)

TOTAL DECREASE = \$ (115,980.00)

In accordance with Section 9-1.06D, "Eliminated Items," of the *Standard Specifications*, the adjustment due to the elimination of Item 3, Type III Barricade; Item 4, Temporary Railing (Type K); Item 10, Clearing and Grubbing; Item 12, Structure Excavation; Item 13, Structure Backfill (Retaining Wall); Item 18, Minor Concrete (Wire Wall Hardscape); and Item 27, Relocate Chain Link Fence, is zero.

ADJUSTMENT IN COMPENSATION

In accordance with Section 9-1.06D, "Eliminated Items," of the *Standard Specifications*, the adjustment due to the elimination of Item 17, Mechanically Stabilized Embankment, is **\$3,300**.

TOTAL ADJUSTMENT = \$ 3,300.00

A determination of the delay in completion of the contract due to the work specified by Change Order No. 1 has been made in accordance with the provisions of Section 8-1.07, "Delays," of the *Standard Specifications*. No additional working days shall be granted because this change decreases the work.

ESTIMATED TOTAL DECREASE = \$(112,680.00)

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

SUBMITTED BY:

SIGNATURE	PRINT NAME AND TITLE	DATE
	ANGI SORENSEN, CONSTRUCTION ENGINEER	3/15/24

DIRECTOR APPROVAL BY:

SIGNATURE	PRINT NAME AND TITLE	DATE
	TOM MATTSO, DIRECTOR OF PUBLIC WORKS	3/18/24

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	DATE
	Kristina Davis - Secretary	3/15/24

CONTRACT CHANGE ORDER NUMBER	2	SUPPL. NO.	
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DATE PREPARED BY RESIDENT ENGINEER: January 26, 2024

PROJECT NAME: MCKINLEYVILLE SAFE ROUTES TO SCHOOLS PROJECT

PROJECT NO. ATPL-5904(170) CONTRACT NO. 218101

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 FOR THIS CONTRACT. **NOTE THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE DIRECTOR OF PUBLIC WORKS**

DESCRIPTION OF WORK TO BE DONE, ESTIMATE OF QUANTITIES, AND PRICES 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. 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. 25	MINOR CONCRETE (CURB, SIDEWALK AND CURB RAMP)				
	3 CY	8.57%	@	\$ 1,440.00 /CY	\$ 4,320.00
TOTAL INCREASE =					\$ 4,320.00

DECREASE IN CONTRACT ITEMS AT CONTRACT PRICES

ITEM NO. 11	ROADWAY EXCAVATION				
	-72 CY	-8.72%	@	\$ 70.00 /CY	\$ (5,040.00)
ITEM NO. 14	CLASS 2 AGGREGATE BASE				
	-109 CY	-14.42%	@	\$ 80.00 /CY	\$ (8,720.00)
ITEM NO. 15	HOT MIX ASPHALT (TYPE A)				
	-29 TN	-8.84%	@	\$ 300.00 /TN	\$ (8,700.00)
ITEM NO. 16	PLACE HOT MIX ASPHALT DIKE (TYPE A)				
	-58 LF	-85.29%	@	\$ 100.00 /LF	\$ (5,800.00)
ITEM NO. 34	THERMOPLASTIC TRAFFIC STRIPE				
	-461 LF	-13.56%	@	\$ 4.00 /LF	\$ (1,844.00)
TOTAL DECREASE =					\$ (30,104.00)


No adjustment to contract unit price for Item 16. Place Hot Mix Asphalt Dike (Type A). will be made in accordance with Section 9-1.06C, "Decreases of More Than 25 Percent," of the *Standard Specifications* by reason of this change order.

A determination of the delay in completion of the contract due to the work specified by Change Order No. 2 has been made in accordance with the provisions of Section 8-1.07, "Delays," of the *Standard Specifications*. No additional working days shall be granted because this change decreases the work.

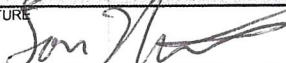
ESTIMATED TOTAL INCREASE = \$ (25,784.00)

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

SUBMITTED BY:

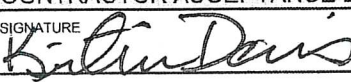
SIGNATURE 	PRINT NAME AND TITLE ANGI SORENSEN, CONSTRUCTION ENGINEER	DATE 3/15/24
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DIRECTOR APPROVAL BY:

SIGNATURE 	PRINT NAME AND TITLE TOM MATTSO, DIRECTOR OF PUBLIC WORKS	DATE 3/18/24
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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 Davis - Secretary	DATE 3/15/24
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CONTRACT CHANGE ORDER NUMBER	3	SUPPL. NO.	
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DATE PREPARED BY RESIDENT ENGINEER: January 26, 2024

PROJECT NAME: MCKINLEYVILLE SAFE ROUTES TO SCHOOLS PROJECT

PROJECT NO. ATPL-5904(170) CONTRACT NO. 218101

TO: RAO CONSTRUCTION CO., INC.

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INCREASE IN CONTRACT ITEMS AT CONTRACT PRICES

ITEM NO. A-1 HOT MIX ASPHALT (TYPE A)						
19.00 TN	17.59%	@	\$ 300.00	/ TN		\$ 5,700.00
TOTAL INCREASE =						\$ 5,700.00

DECREASE IN CONTRACT ITEMS AT CONTRACT PRICES

ITEM NO. A-6 PAINT CURB (2-COAT)						
-20.00 SF	-100.00%	@	\$ 15.00	/ SF		\$ (300.00)
ITEM NO. A-7 THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING						
-42 SF	-21.88%	@	\$ 15.00	/ SF		\$ (630.00)
TOTAL DECREASE =						\$ (930.00)


In accordance with Section 9-1.06D, "Eliminated Items," of the Standard Specifications, the adjustment due to the elimination of Item A-6, Paint Curb (2-Coat), is zero.

A determination of the delay in completion of the contract due to the work specified by Change Order No. 3 has been made in accordance with the provisions of Section 8-1.07, "Delays," of the Standard Specifications. No additional working days shall be granted because this change did not affect the controlling activity.

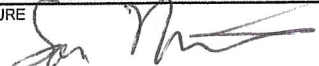
ESTIMATED TOTAL INCREASE = \$ 4,770.00

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

SUBMITTED BY:

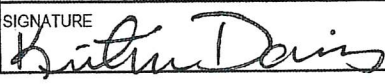
SIGNATURE 	PRINT NAME AND TITLE ANGI SORENSEN, CONSTRUCTION ENGINEER	DATE 3/15/24
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DIRECTOR APPROVAL BY:

SIGNATURE 	PRINT NAME AND TITLE TOM MATTSO, DIRECTOR OF PUBLIC WORKS	DATE 3/19/24
--	--	-----------------

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 Davis - Secretary	DATE 3/15/24
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