

**CCO #28-013**

Project: 0483-01 - Perris High School No. 4
32255 Leon Road
Winchester, California 92596

Change Order #28-013: Cat. 28 PCO #'s 021, 028, 029, 035, 036, 037, 039, 040, 041 - Board Approval Required

CONTRACT COMPANY:	Roadway Engineering & Contracting, Inc. 10966 Banana Avenue Fontana, California 92337	CONTRACT FOR:	C-0483-01-028 :Offsite Street Improvements
DATE CREATED:	5/ 13 /2022	CREATED BY:	Jaime Cheeney (Neff Construction, Inc.)
CONTRACT STATUS:	Pending - In Review	REVISION:	0
DESIGNATED REVIEWER:		REVIEWED BY:	
DUE DATE:		REVIEW DATE:	
INVOICED DATE:		PAID DATE:	
SCHEDULE IMPACT:		EXECUTED:	No
		TOTAL AMOUNT:	\$ 90,110.50

DESCRIPTION:

This CCO consists of the following PCO's for review/approval:

- 28-021 CE #342 - Re-grade for Street Work \$37,516.00
- 28-028R1 CE #400 - RFI #1138: Adequate Cover on Top of Extended 18" RCP - Follow up to RFI #1126 \$6,546.95
- 28-029 CE #427 - Offsite Revisions - CCD 198 \$20,140.00
- 28-035 CE #484 - Remove & Replace Curb Ramp - SW Corner Scott & Leon \$8,760.00
- 28-036 CE #485 - RFI#1222: Riser Inlet at Leon and Meadowgate \$3,770.00
- 28-037 CE #492 - Scott & Leon - Drainage Issue and Curb Transition \$2,381.00
- 28-039 CE #387 - Remove Delineation of Permanent Impact Area \$2,867.00
- 28-040 R1 CE #504 - Road Repair per County Direction \$3,929.55
- 28-041 CE #337 - Striping Moves \$4,200.00

The Contract has exceeded the 10% limit therefore this Change Order shall be presented to the District for Board Approval.

ATTACHMENTS:**POTENTIAL CHANGE ORDERS IN THIS CHANGE ORDER:**

PCO #	Title	Schedule Impact	Amount
28-021	CE #342 - Re-grade for Street Work		37,516.00
28-028	CE #400 - RFI #1138: Adequate Cover on Top of Extended 18" RCP - Follow up to RFI #1126		6,546.95
28-029	CE #427 - Offsite Revisions - CCD 198		20,140.00
28-035	CE #484 - Remove & Replace Curb Ramp - SW Corner Scott & Leon		8,760.00
28-036	CE #485 - RFI#1222: Riser Inlet at Leon and Meadowgate		3,770.00
28-037	CE #492 - Scott & Leon - Drainage Issue and Curb Transition		2,381.00
28-039	CE #387 - Remove Delineation of Permanent Impact Area		2,867.00
28-040	CE #504 - Road Repair per County Direction		3,929.55
28-041	CE #337 - Striping Moves		4,200.00
TOTAL:			\$ 90,110.50

CHANGE ORDER LINE ITEMS:



CCO #28-013

PCO # 28-021 : CE #342 - Re-grade for Street Work

#	Cost Code	Description	Type	Amount
1	50-28000 - Offsite Street Improvements	Regrade Street	Commitment	\$ 37,516.00
Subtotal:				\$37,516.00
Grand Total:				\$37,516.00

PCO # 28-028 : CE #400 - RFI #1138: Adequate Cover on Top of Extended 18" RCP - Follow up to RFI #1126

#	Cost Code	Description	Type	Amount
1	50-28000 - Offsite Street Improvements	RFI 1138	Commitment	\$ 6,546.95
Subtotal:				\$6,546.95
Grand Total:				\$6,546.95

PCO # 28-029 : CE #427 - Offsite Revisions - CCD 198

#	Cost Code	Description	Type	Amount
1	50-28000 - Offsite Street Improvements	CCD 198 Street Revisions	Commitment	\$ 20,140.00
Subtotal:				\$20,140.00
Grand Total:				\$20,140.00

PCO # 28-035 : CE #484 - Remove & Replace Curb Ramp - SW Corner Scott & Leon

#	Cost Code	Description	Type	Amount
1	50-28000 - Offsite Street Improvements	R&R Curb Ramp	Commitment	\$ 8,760.00
Subtotal:				\$8,760.00
Grand Total:				\$8,760.00

PCO # 28-036 : CE #485 - RFI#1222: Riser Inlet at Leon and Meadowgate

#	Cost Code	Description	Type	Amount
1	50-28000 - Offsite Street Improvements	AC Berm at CMP Riase	Commitment	\$ 3,770.00
Subtotal:				\$3,770.00
Grand Total:				\$3,770.00

PCO # 28-037 : CE #492 - Scott & Leon - Drainage Issue and Curb Transition

#	Cost Code	Description	Type	Amount
1	50-28000 - Offsite Street Improvements	Drainage & Curbs - Scott & Leon	Commitment	\$ 2,381.00
Subtotal:				\$2,381.00
Grand Total:				\$2,381.00

PCO # 28-039 : CE #387 - Remove Delineation of Permanent Impact Area

#	Cost Code	Description	Type	Amount
1	50-28000 - Offsite Street Improvements	Remove Silt Fence	Commitment	\$ 2,867.00
Subtotal:				\$2,867.00
Grand Total:				\$2,867.00

PCO # 28-040 : CE #504 - Road Repair per County Direction

#	Cost Code	Description	Type	Amount
1	50-28000 - Offsite Street Improvements	Road Repair	Commitment	\$ 3,929.55
Subtotal:				\$3,929.55
Grand Total:				\$3,929.55

PCO # 28-041 : CE #337 - Striping Moves

#	Cost Code	Description	Type	Amount
1	50-28000 - Offsite Street Improvements	Striping Move	Commitment	\$ 4,200.00
Subtotal:				\$4,200.00
Grand Total:				\$4,200.00



CCO #28-013

The original (Contract Sum)	\$ 5,252,500.00
Net change by previously authorized Change Orders	\$ 581,287.31
The contract sum prior to this Change Order was	\$ 5,833,787.31
The contract sum would be changed by this Change Order in the amount of	\$ 90,110.50
The new contract sum including this Change Order will be	\$ 5,923,897.81
The contract time will not be changed by this Change Order	


BakerNowicki Design Studio
 731 Ninth Avenue, Suite A
 San Diego California 92101
 Buddy Gessel


Roadway Engineering & Contracting, Inc.
 10966 Banana Avenue
 Fontana California 92337

Perris Union High School District
 155 East 4th Street
 Perris California 92570

DocuSigned by:

 5/24/2022
 E17C7254922A46E...
 SIGNATURE DATE

DocuSigned by:

 5/24/2022
 00BE184C8AE54E5...
 SIGNATURE DATE

DocuSigned by:

 5/24/2022
 A677E300EG41405...
 SIGNATURE DATE



PCO #28-021

Project: 0483-01 - Perris High School No. 4
32255 Leon Road
Winchester, California 92596

Potential Change Order #28-021: CE #342 - Re-grade for Street Work

CONTRACT COMPANY:	Roadway Engineering & Contracting, Inc. 10966 Banana Avenue Fontana California, 92337	CONTRACT FOR:	C-0483-01-028 - Offsite Street Improvements
PCO NUMBER/REVISION:	28-021 / 0	CREATED BY:	Jeff Nicholson (Neff Construction, Inc.)
REQUEST RECEIVED FROM:		CREATED DATE:	8/16 /2021
STATUS:	Pending - In Review		
REFERENCE:			
FIELD CHANGE:	No	ACCOUNTING METHOD:	Amount Based
LOCATION:		PAID IN FULL:	No
SCHEDULE IMPACT:		TOTAL AMOUNT:	\$0.00

POTENTIAL CHANGE ORDER TITLE: CE #342 - Re-grade for Street Work

CHANGE REASON: No Change Reason

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*

CE #342 - Re-grade for Paving onsite - Street Work offsite
Regrade required due to traffic, time and weather

Offsite street improvements were scheduled to be performed fall of 2019.

County approved plans were received about 1 year after the planned start date and with the coordination between entities (County, SCE, Telecommunications companies and EMWD), pricing of changed scope, material leads, etc. start of the street work was extended even longer.

The Cat. 28 Offsite Contractor is requesting 4 days of labor & equipment to regrade street, curb & gutter and sidewalk that was previously prepared by the Cat. 01 Earthwork contractor.

ATTACHMENTS:

#	Cost Code	Description	Type	Amount
1	50-28000 - Offsite Street Improvements	Regrade Street	Commitment	\$ 37,516.00
2	50-28001 - Offsite Street Improvements - Allowance	Draw from Allowance	Commitment	(\$37,516.00)
			Subtotal:	\$0.00
			Grand Total:	\$0.00

By signing below signatory recognizes and accepts the above dollar value contract adjustment

Owner's Representative

Architect

See CCO #28-013 for approval signatures

Print Sign Date

Print Sign Date

Construction Manager

Prime Contractor

Print Sign Date

Print Sign Date



3.2	Changes To Contract and Allowance Review	Jeff Nicholson (Neff Construction, Inc.)			Open
<p>Description: Review of Change Events, Potential Change Orders (PCOs), Commitment Change Orders (CCOs), Allowances and overall project budget.</p>					
<p>Official Documented Meeting Minutes: The Contractor Allowance Distribution - Log dated dated 05/06/2021 is attached (see log for items not discussed below).</p> <ul style="list-style-type: none"> • PCOs approved/processing (processing as CCOs where Allowances is expended): PCO #'s 02-004. • PCOs submitted & under review: 02-006 Aquatic Center landscape/irrigation • PCOs to revise/resubmit: 02-007 Hydro Seed to Sod - to be revised after CCD 174 is issued <p>Several additional change requests have been received and are under review by Neff. Grade on Leon Rd. will require some rework due to the time lag between initial subgrade prep and the start of offsite work.</p> <p>PCO 01-008 Paving Subgrade R-Value is carried on log. Crew must be allowed present their case with respect to this PCO.</p> <p>Contract Allowances exhausted for the following contractors: ACH Mechanical; Alcorn Fence; EJ Enterprises; KAR; KCB Towers (Cat. 05a); Pierre (Cat. 02); Pro-Craft Construction; Queen City Glass; Rancho Pacific Electric; Roadway, Sierra, Southern Bleachers & TriMark.</p>					

UTILITY, JURISTICTIONAL APPROVALS AND ADJACENT DEVELOPMENT STATUS

No	Title	Assignment	Due Date	Priority	Status
4.1	Southern California Edison	Jeff Nicholson (Neff Construction, Inc.)			Open
<p>Description: Review of SCE planning, engineering, coordination, permitting, installations and inspections through energizing site.</p>					
<p>Official Documented Meeting Minutes: Scott & Leon - Wildomar SCE Service Planner Kenneth Smoll: Work was pushed to late spring / early summer due to issues identified when the County was finalizing the CEQA with the State. Schedule must be revisited to address SCE's sequencing of: Complete grading at intersections and conduit/meter pedestal install before SCE will release for scheduling; 30 days for SCE to schedule and complete work (3+ weeks to schedule, about 5 days for pole relocation and power); only after pole relocation can traffic signal poles / mast arms be installed</p> <p>Electrical to Campus & offsite work: Duane Land, SCE's Menifee Service Planner. Outstanding items include:</p> <ol style="list-style-type: none"> 1. Electrical Offsite Final – County inspector must issue a final electrical release for street light meter pedestals. <ol style="list-style-type: none"> 1. 32187 LEON RD TC1 WINCHESTER CA 92596-0000 STREETLIGHTS 2. 32187 LEON RD LS3 WINCHESTER CA 92596-0000 STREETLIGHTS 3. 32381 LEON RD TC1 WINCHESTER CA 92596-0000 STREETLIGHTS 4. 32381 LEON RD LS3 WINCHESTER CA 92596-0000 STREETLIGHTS 5. 32495 LEON RD TC1 WINCHESTER CA 92596-0000 STREETLIGHTS 6. 32495 LEON RD LS3 WINCHESTER CA 92596-0000 STREETLIGHTS 2. Scheduling – (4/22/2021) Power was energized at school campus on or about 4/16/2021. SCE needs offsite work released to schedule power to traffic signals and street lights. 					
4.2	Telecommunications	Hector Gonzalez (Perris Union High School District)			Open
<p>Description: Review of Telecommunication Co. planning, engineering, coordination, permitting and installations through energizing site.</p> <ul style="list-style-type: none"> • District has contracted with Crown Castle for data / internet services • District has contracted with Frontier for phone service. Frontier Communications Engineer, Alfred Fasano (mobile 661-618-0872; email alfred.fasano@ftr.com) is the contact person for LHS. 					
<p>Official Documented Meeting Minutes: No new issues</p>					
4.3	Eastern Municipal Water District	Jeff Nicholson (Neff Construction, Inc.)			Open

These meeting minutes are believed to be an accurate reflection of those items discussed and the conclusions that were reached during the referenced meeting.

Please contact Neff Construction, Inc. if there are any discrepancies or questions with the content of these minutes.

ROADWAY ENGINEERING & CONTRACTING INC.

General Engineering Contractor

License #874044

May 9, 2022

Perris Union High School District
155 E 4th Street
Perris, CA 92570

Attention: Jeff Nicholson

Reference: Perris HS #4 - Cat #28 Off-Site Improvements
Menifee, CA

Regarding: Change Order Request #010.1 –Grading on Leon Rd Subgrade due to
Erosion

Mr. Nicholson,

Per your request the total additional cost to complete the additional grading and re-compaction of the subgrade on Leon Rd due to erosion is **\$37,516.00**. Attached you will find an itemized cost breakdown to complete this work.

If the price indicated above is acceptable, please issue a project contract change order in that amount. Should you have any questions please call me at (951) 360-0033.

Sincerely,
ROADWAY ENGINEERING



Rafael Gomez

Details Report For : PERRIS HS #4 - CAT #28 OFF-SITE IMPROVEMENTS

ERIC ALVAREZ

05/09/2022

Ph. CO	CHANGE ORDERS	Quantity	U/M	Unit Cost	Total Cost	Margin%	Unit Price	Total Price
Item 7		1.0	LS	\$34,106.160	\$34,106.16	10.00	\$37,516.000	\$37,516.00

Description ADDITONAL GRADING ON LEON DUE TO EROSION - GRADED 2 YEARS BEFORE

Activity	Subgrade Preparation Due to Erosion	Crew	Subgrade Preparation	Days	Activity Qty	1.00 LS
Day:	0.20 LS		Labor	4.00	Total Cost:	\$34,106.16
Hour:	0.00 LS		Equipment	4.00	Unit Cost:	\$34,106.160
			Actual:	4.00		

Labor	Quantity	Hours	Days	Unit Cost	
GENFOR GENERAL FOREMAN	1.00	9.00 HR	4.00	112.840	\$4,062.24
LAB 1 LABORER GROUP 1	2.00	8.00 HR	4.00	78.610	\$5,031.04
OBL BLADE OPER. G-10	1.00	8.00 HR	4.00	104.650	\$3,348.80
OGC SCRAPER OPERATOR G-8	1.00	8.00 HR	4.00	104.650	\$3,348.80
The total contains overtime cost of: 225.68				Total	\$16,016.56

Equipment	Quantity	Hours	Days	Unit Cost	
BL140G BLADE 140G	1.00	8.00 HR	4.00	86.450	\$2,766.40
RLGBV ROLLER GRADE VIBRATORY	1.00	8.00 HR	4.00	92.500	\$2,960.00
TRW20B WATER TRUCK 2000 BARE	1.00	8.00 HR	4.00	81.390	\$2,604.48
SCR613 SCRAPER 613	1.00	8.00 HR	4.00	87.420	\$2,797.44
LDR950 950 LOADER	1.00	8.00 HR	4.00	98.790	\$3,161.28
				Total	\$14,289.60

Trucks	Quantity	Unit Cost	
10WEEL HOURLY 10-WHEELER	40.00	95.000	\$3,800.00
		Total	\$3,800.00

**Act
Note:**

Roadway Engineering & Contracting Inc.

Labor Rates 2021

Contractor Name: Roadway Engineering & Contracting Inc. 2021

Classification **General Foreman**

Prevailing Wage Rate

Base Rate

\$62.00

Fringe Benefits

\$27.04

Total Wage & Benefits Rate =

\$89.04

Classification

Burden Rate

FICA (*Social Security*)

6.20%

x Total Base Wage Rate =

5.52

FICA (*Medicare*)

1.45%

x Total Base Wage Rate =

1.29

FUTA (*Federal Unemployment*)

0.80%

x Total Base Wage Rate =

0.71

SUI (*State Unemployment Ins*)*

6.20%

x Total Base Wage Rate =

5.52

Worker's Compensation *

10.20%

x Total Base Wage Rate =

9.08

General/Excess Liability Insurance *

1.81%

x Total Base Wage Rate =

1.62

Employment Training Tax

0.10%

x Total Base Wage Rate =

0.06

Total Burden Cost =

\$23.80

**Total Hourly Rate =

\$112.84

Footnotes:

* Note FUTA: Tax only applies to employee wages up to \$7,000.00

* Note SUI: Tax only applies to employee wages up to \$7,000.00, rate varies by Company

* Note SDI (State Disability Insurance) is paid by Employee & is not part of the Employer's burden rate

Roadway Engineering & Contracting Inc.

Labor Rates 2021

Contractor Name: Roadway Engineering & Contracting Ir 2021

Classification **Laborer**

Prevailing Wage Rate

Base Rate

Fringe Benefits

\$36.39 + \$2.15 pre det. Inc. \$38.54

\$23.49

Total Wage & Benefits Rate = \$62.03

Classification

Burden Rate

FICA (*Social Security*) 6.20% x Total Base Wage Rate = 3.85

FICA (*Medicare*) 1.45% x Total Base Wage Rate = 0.90

FUTA (*Federal Unemployment*) 0.80% x Total Base Wage Rate = 0.50

SUI (*State Unemployment Ins*)* 6.20% x Total Base Wage Rate = 3.85

Worker's Compensation * 10.20% x Total Base Wage Rate = 6.33

General/Excess Liability Insurance * 1.81% x Total Base Wage Rate = 1.12

Employment Training Tax 0.10% x Total Base Wage Rate = 0.04

Total Burden Cost = \$16.58

Total Hourly Rate = \$78.61

Footnotes:

* Note FUTA: Tax only applies to employee wages up to \$7,000.00

* Note SUI: Tax only applies to employee wages up to \$7,000.00, rate varies by Company

* Note SDI (State Disability Insurance) is paid by Employee & is not part of the Employer's burden rate

Roadway Engineering & Contracting Inc.

Labor Rates 2021

Contractor Name: Roadway Engineering & Contracting Ir 2021

Classification **Operator 8**

Prevailing Wage Rate

Base Rate

Fringe Benefits

\$51.14 + \$2.45 pre det inc \$53.59

\$28.99

Total Wage & Benefits Rate = \$82.58

Classification

Burden Rate

FICA (*Social Security*) 6.20% x Total Base Wage Rate = 5.12

FICA (*Medicare*) 1.45% x Total Base Wage Rate = 1.20

FUTA (*Federal Unemployment*) 0.80% x Total Base Wage Rate = 0.66

SUI (*State Unemployment Ins*)* 6.20% x Total Base Wage Rate = 5.12

Worker's Compensation * 10.20% x Total Base Wage Rate = 8.42

General/Excess Liability Insurance * 1.81% x Total Base Wage Rate = 1.49

Employment Training Tax 0.10% x Total Base Wage Rate = 0.05

Total Burden Cost = \$22.07

Total Hourly Rate = \$104.65

Footnotes:

* Note FUTA: Tax only applies to employee wages up to \$7,000.00

* Note SUI: Tax only applies to employee wages up to \$7,000.00, rate varies by Company

* Note SDI (State Disability Insurance) is paid by Employee & is not part of the Employer's burden rate

ROLLERS-TAMPING, SEGMENTED, SHEEPSFOOT, TOWED	[ROTAT]
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DELAY FACTOR = 0.45 **OVERTIME FACTOR = 0.63**

Includes all attachments and accessories. Listed by drum dimensions in millimeters (feet) in either direction. The first digit is the diameter and the second digit is the length of each drum.

SINGLE DRUM UNIT **[ADRU]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
1220 mm x1220 mm (4'X4') & under	4X4	\$1.92
over 1220 mm (4') - not over 1520 mm (5')	4X5	\$2.17
over 1520 mm (5')	5	\$3.93

DOUBLE DRUM UNIT **[DDRU]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
1220 mm x1220 mm (4'X4') & under, each	4X4	\$4.63
over 1220 mm (4') - not over 1520 mm (5'), each	4X5	\$14.02
over 1520 mm (5'), each	5	\$25.85

ROLLERS, VIBRATORY, SELF PROPELLED	[ROVIB]
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DELAY FACTOR = 0.17 **OVERTIME FACTOR = 0.85**

Includes all attachments and accessories.

BUFFALO-BOMAG **[B-B]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
BW 210	2060	\$57.56
BW 210A	2070	\$59.51
BW 213	2080	\$58.64
BW 214	2090	\$60.34

BOMAG **[BMAG]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
BW 35	0700	\$6.30
BW 60, 60S	0800	\$9.58
BW 65, 65S	0900	\$6.69
BW 75, 75S	1000	\$10.71
BW 85T	1200	\$19.02
BW 90	1300	\$12.40
BW 100AD-3	1325C	\$31.63
BW 120AD	1350	\$32.02
BW 142PD	1359	\$37.57
BW 151AD	1365	\$54.13
BW 170AD, D	1380	\$46.99
BW 172AD, D	1385	\$47.45
BW 202AD	1400	\$74.03

BROS **[BROS]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
VM 255	2023	\$47.65
VM 268, VM 268H	2024	\$58.73
VM 278	2025	\$89.09

CASE **[CASE]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
50B	2228	\$6.83
W 251	2400	\$22.65
252, W 252	2405	\$29.16
752, W 752	2450	\$51.33
1102, W 1102	2500	\$67.22
1102D, W 1102D	2505	\$68.74
602D	2510	\$46.24
752B	2520	\$54.18

CATERPILLAR **ROLLER** **[CAT]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
CB 54	7000	\$92.50
CS 56	7020	\$101.66
CB 64	7400	\$107.47
CB 214	8025	\$28.26
CB 214B	8026	\$29.44
CB 224	8030	\$29.33
CB 224B	8031	\$31.25
CB 224C	8031C	\$32.02
CB 224E	8031E	\$34.72
CB 314	8035	\$30.97
CP 323 padfoot drum	8040	\$50.40
CS 323 smooth drum	8042	\$48.75
CB 414	8045	\$48.59
CS 431	8050	\$44.92
CS 431B	8051	\$61.17
CP 433 padfoot drum	8055	\$51.20
CP 433B padfoot drum	8056	\$67.30
CP 433E	8056E	\$82.13
CS 433 smooth drum	8060	\$51.23
CS 433B smooth drum	8061	\$64.44
CB 434	8062	\$56.27
CB 434D	8062D	\$69.01
CB 514	8065	\$61.60
CB 534	8067	\$78.93
CB 534C	8067C	\$77.59
CB 534D OR XW	8067D	\$98.54
CS 551	8070	\$85.45
CP 553 padfoot drum	8075	\$90.08
CS 553 smooth drum	8080	\$86.63
CP 563 padfoot drum	8082	\$92.89
CS 563 smooth drum	8083	\$89.15
CS 563C	8083C	\$94.71
CB 614	8085	\$96.10
CB 634	8095	\$95.02
CB 634C	8095C	\$96.44

GOMACO	[GOMA]		
<u>Model</u>	<u>Code</u>	<u>Rate</u>	
GT-6000-(78&90)	3040	\$78.94	
COMMANDER II	3045	\$90.42	
COMMANDER III	3050	\$124.69	

MILLER FORMLESS	[MILL]		
<u>Model</u>	<u>Code</u>	<u>Rate</u>	
M-7500	3063	\$92.48	
M-8100	3065	\$130.38	
M-8800	3067	\$165.12	

ELECTRIC GENERATORS & LIGHT PLANTS	[ELGEN]
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DELAY FACTOR = 0.13 **OVERTIME FACTOR = 0.88**
 Rates are for gas or diesel power and alternating or direct current.

GENERATOR	[GEN]		
Rated in accordance with Mfr's output in kilowatts.			
<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
0	1	000-001	\$0.76
1	3	001-003	\$1.75
3	7.5	003-008	\$3.63
7.5	15	008-015	\$8.15
15	25	015-025	\$12.76
25	50	025-050	\$13.00
50	100	050-100	\$23.10
100	200	100-200	\$46.18
200	300	200-300	\$77.93
300	400	300-400	\$106.60
400	500	400-500	\$133.79

LIGHTS	[LITE]		
Includes trailer, pole and generator.			
<u>Model</u>	<u>Code</u>	<u>Rate</u>	
2 Light Set	2 LIGHT	\$3.87	
4 Light Set	4 LIGHT	\$8.04	

ELECTRIC POWERED HAND TOOLS	[ELTOL]
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DELAY FACTOR = 0.62 **OVERTIME FACTOR = 0.42**
 Includes electric powered, hand held tools not listed elsewhere in this book. Expendable bits, blades, discs, wheels, etc. shall be paid by separate invoice. Rated in accordance with Mfr's suggested retail price.

TOOLS	[TOOL]		
<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
450	600	045-060	\$0.32
600	800	060-080	\$0.42
800	1000	080-100	\$0.53

FORK LIFT TRUCKS	[FKLFT]
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DELAY FACTOR = 0.22 **OVERTIME FACTOR = 0.79**
 Includes attachments and accessories. Listed in accordance with the Mfr's maximum rated capacity in kilograms(pounds).

FORK LIFT TRUCKS	[FLT]		
<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
454 (1000)	1814 (4000)	010-040	\$27.99
1814 (4000)	2722 (6000)	040-060	\$37.25
2722 (6000)	3629 (8000)	060-080	\$42.05
3629 (8000)	5443 (12000)	080-120	\$57.96
5443 (12000)	7258 (16000)	120-160	\$61.34
7258 (16000)	9072 (20000)	160-200	\$71.98
9072 (20000)	11340 (25000)	200-250	\$71.59
11340 (25000)	13608 (30000)	250-300	\$78.78
13608 (30000)	18144 (40000)	300-400	\$101.01
18144 (40000)	22680 (50000)	400-500	\$122.11
22680 (50000)	34020 (75000)	500-750	\$167.15

GRADERS	[GRADR]
----------------	------------------

DELAY FACTOR = 0.12 **OVERTIME FACTOR = 0.90**
 Includes ripper and scarifier attachments and all accessories. Electronic blade control and specialty cutting tools shall be paid separately.

BLADE-MOR	[BMOR]		
<u>Model</u>	<u>Code</u>	<u>Rate</u>	
727	2173	\$24.19	
747	2178	\$34.82	

CATERPILLAR	[CAT]		
<u>Model</u>	<u>Code</u>	<u>Rate</u>	
120G 87V serial	2685	\$65.79	
130G 74V serial	2695	\$72.92	
12E 99E serial	2710	\$46.00	
12F 73G serial	2768	\$69.70	
12F 13K serial	2826	\$54.01	
12F 89H serial	2884	\$54.48	
12G 61M serial	2890	\$74.62	
12H	2895	\$85.85	
14E 72G serial	3174	\$71.90	
14G	3180	\$111.21	
14H	3185	\$122.82	
140 14U serial	3250	\$72.89	
140G 72V serial	3260	\$80.67	
140H	3265	\$86.45	
143H	3267	\$96.68	
16 49G serial	3290	\$93.89	
16 49G800 serial	3348	\$137.42	
16 G93U serial	3360	\$154.77	
16H	3380	\$164.31	

SAWS, CHAIN AND EARTH AUGER ATTACHMENT [SAWCH]

DELAY FACTOR = 0.12 OVERTIME FACTOR = 0.87

Hand held type, one or two man, gas, air or electric powered including all attachments and accessories. Blades, chains and tips shall be paid separately. Saws which cost less than \$500 are considered minor tools and are no longer listed. Rated in accordance with Mfr's kilowatts (horsepower).

SAWS [SAW]

Model	Code	Rate
>3.7 (5) 30 amps @ 120V	5-HP	\$2.49

SAWS, CONCRETE AND MASONRY [SAWCO]

DELAY FACTOR = 0.16 OVERTIME FACTOR = 0.84

Self powered gas, air or electric powered. Includes water (but not water truck or trailer), coolant, cutting compounds and all attachments and accessories. Saw blades or abrasive discs shall be paid in accordance with the following sawkerf codes.

SINGLE & MULTI-BLADE [ABOP]

OPERATION

Listed in accordance with Mfr's rated kilowatts (horsepower).

OVER	TO	Code	Rate
0	7.5 (10)	0-10	\$3.06
7.5 (10)	14.9 (20)	10-20	\$6.82
14.9 (20)	24.6 (33)	20-33	\$13.54
24.6 (33)	33.6 (45)	33-45	\$15.61
33.6 (45)	48.5 (65)	45-65	\$18.99

BLADE SAWKERF [ABSK]

The following allowance is entered on the extra work bill by using the length x depth per blade.

UNITS	Code	Rate
Rate /blade/ 30.5 m (100 lin ft) / 25 mm (inch) depth	100'/IN	\$18.00
Rate/blade/ 0.3 m (lin ft) / 25 mm (inch) depth	LF-INDE	\$0.18

SCRAPERS, SELF PROPELLED [SCRSP]

DELAY FACTOR = 0.14 OVERTIME FACTOR = 0.88

Includes all attachments and accessories.

CATERPILLAR [CAT]

Model	Code	Rate
613	1395	\$61.69
613B	1400	\$69.56
613C	1402	\$87.42
615	1415	\$120.36
615C	1416	\$131.70
621B cushion hitch	1680	\$152.76
623B	1700	\$157.82
623E	1702	\$187.75
623F	1703	\$197.09
627B push pull	1770	\$202.04

627E non push-pull	1772	\$216.57
627E push-pull	1773	\$220.98
631C 67M5012 serial	2170	\$173.66
631D	2180	\$216.42
631E	2185	\$238.47
633C non cushion hitch	2305	\$169.38
633C cushion hitch	2315	\$169.14
633C 66M693 serial	2320	\$178.75
633D	2330	\$225.63
637 cushion, non-push-pull	2375	\$255.47
637 non-cushion, push-pull	2410	\$257.58
637D non push-pull	2460	\$313.80
637D push-pull	2470	\$317.47
639D	2475	\$326.53
637E	2476	\$344.62
637E push-pull	2477	\$349.65
641B non cushion hitch	2620	\$215.42
641B cushion hitch	2655	\$255.62
651B non cushion hitch	2935	\$260.82
651B cushion hitch	2970	\$263.10
651E	2975	\$327.88
657B non cushion, non p-p	3360	\$411.20
657B cushion, push-pull	3370	\$417.22
657E non push-pull	3375	\$489.91
657E push-pull	3380	\$507.52
660B	3470	\$241.15
666B	3600	\$382.29

JOHN DEERE

[DEER]

Model	Code	Rate
JD 760A	3845	\$61.25
JD 762	3860	\$76.05
JD 762A	3865	\$79.97
JD 762B	3866	\$94.27
JD 860A	3920	\$90.23
JD 860B	3930	\$94.76
JD 862	3940	\$112.79
JD 862B	3942	\$138.76

INTERNATIONAL

[INTL]

Model	Code	Rate
412B	5631	\$77.13
431B	5637	\$150.43
433B	5643	\$218.52

85Z IV	4345	\$138.75
90Z III	4350	\$153.60
90Z IV	4355	\$157.55
95Z IV-2	4360	\$202.29

KOMATSU [KOMA]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
W 120-3	4520	\$109.04
W 180-1	4525	\$154.56
WA 200-1	4536	\$61.64
WA 250-1	4537	\$84.39
WA 300-1	4538	\$80.44
WA 320-1	4539	\$98.79
WA 350-1	4540	\$94.99
WA 380-1	4541	\$117.70
WA 380-3	4541C	\$117.74
WA 400-1	4542	\$113.29
WA 420-3	4543C	\$135.36
WA 450-1	4544	\$140.82
WA 450-2	4544B	\$158.57
WA 450-3	4544C	\$161.07
WA 470-1	4545	\$154.71
WA 500-1	4546	\$187.01
WA 600-1	4550	\$275.29
WB 140-2 4WD	4700	\$49.83
WB 150-2 4WD	4710	\$57.44

MASSEY FERGUSON [M-F]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
MF 44C	5143	\$58.25
MF 50H Series S	5150	\$34.51
MF 50H Series S, 4WD	5152	\$35.18
MF 50HX Series S	5154	\$37.22
MF 50HX Series S, 4WD	5156	\$38.06
MF 55C	5170	\$74.78
MF 60 w/ backhoe	5171	\$36.52
MF 60H Series S w/ hoe	5172	\$39.40
MF 66C	5174	\$95.55
MF 80 w/ backhoe	5182	\$52.16
MF 88	5184	\$151.71
640	6000	\$34.70
650	6010	\$37.18

NEW HOLLAND [NHND]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
545D	0100	\$33.27
575E w/ backhoe	0110	\$46.88
655D w/ backhoe	0120	\$42.16
655E w/ backhoe	0130	\$50.48
675D 4WD w/ backhoe	0140	\$48.69
675E 4WD w/ backhoe	0150	\$57.73

TEREX [TERX]	
<u>Model</u>	<u>Code</u> <u>Rate</u>
70C	7938 \$136.12
72-61	8036 \$167.12
72-71B	8055 \$218.07
72-81	8080 \$258.02

VOLVO-MICHIGAN-EUCLID [VME]	
<u>Model</u>	<u>Code</u> <u>Rate</u>
175B	6186 \$137.36
175C	6186C \$157.67
275B	6330 \$175.02
275C	6330C \$210.63
L-70C	9570C \$71.01
L-90	9575 \$85.14
L-120	9595 \$110.50
L-120C	9595C \$114.48
L-150C	9598C \$142.59
L-160	9600 \$148.56
L-180C	9602C \$160.39
L-190	9605 \$172.73
L-250G	9606G \$261.94

LEADS, PILE DRIVING [LEADS]

DELAY FACTOR = 0.47 OVERTIME FACTOR = 0.60

FIXED [FIXD]	
Includes headblock, taper top, tip sled and connector, foot yoke, foot yoke sheave, intermediate flights, and all attachments and accessories. Rated in accordance with height of the lead measured in meters (linear feet)	
<u>OVER</u>	<u>TO</u> <u>Code</u> <u>Rate</u>
0	16.8 (55) (w/o spotter) 0100 \$20.47
16.8 (55)	32.0 (105) (w/o spotter) 0200 \$26.09
over	32.0 (105) (w/o spotter) 0300 \$32.68
0	16.8 (55) (w/ spotter) 1100 \$34.62
16.8 (55)	32.0 (105) (w/ spotter) 1200 \$41.31
over	32.0 (105) (w/ spotter) 1300 \$48.96

SWINGING [SWNG]	
Includes headblock, taper top, tip sled and connector, foot yoke, foot yoke sheave, intermediate flights, and all attachments and accessories. Rated in accordance with the height of the lead measured in meters (linear feet).	
<u>OVER</u>	<u>TO</u> <u>Code</u> <u>Rate</u>
0	16.8 (55) (w/o spotter) 0400 \$13.57
16.8 (55)	32.0 (105) (w/o spotter) 0500 \$18.89
over	32.0 (105) (w/o spotter) 0600 \$25.48
0	16.8 (55) (w/ spotter) 1400 \$27.72
16.8 (55)	32.0 (105) (w/ spotter) 1500 \$34.10
over	32.0 (105) (w/ spotter) 1600 \$41.76

2200	5650	\$15.62
2300	5660	\$23.55
2310	5662	\$24.75
3210	5670	\$26.90
3210 Combo	5675	\$27.76
3500	5676	\$31.72
4010	5677	\$40.51
4010 Combo	5678	\$31.60
5010	5679	\$31.56
6510	5680	\$37.73
6510 Combo	5685	\$40.77

MIDMARK [MDMK]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
300 A	7945	\$23.24
321	7950	\$24.49
400 A	7955	\$29.74
440	7960	\$37.51

VERMEER [VERM]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
CC-135	8350	\$83.11
M 220	8380	\$15.49
M 455 / M455A	8480	\$36.82
M 475	8570	\$39.02
M 475A	8571	\$44.09
M 485	8580	\$42.86
M 495	8585	\$69.11
T 300B, T 300A	8718	\$24.08
T 400C, T 400B, T 400A	8781	\$52.85
T 600D, C, B, A	8842	\$76.29
T 650	8843	\$128.83
T 800B, T 800A, T800	8870	\$122.38
T 800C	8871	\$133.47
T 850	8875	\$237.82
V 430	8950	\$27.52
V 430A	8951	\$30.95
V 434 / M 434	9000	\$26.53
V 440	9015	\$29.54
V 450	9017	\$35.03
V 454	9020	\$30.30
V 1550	9025	\$14.49

**TRUCK, TRUCK TRAILERS, EXCL. [TRUCK]
DUMP TRUCKS & EQPT TRAIL**

DELAY FACTOR = 0.12 OVERTIME FACTOR = 0.88

Includes all attachments and accessories related to hauling, with and without trailers as needed. Includes water trucks, freight trucks and passenger vehicles, including 4wd option. Listed by Mfr's Gross Vehicle Weight in Kilograms(pounds). For tractor-trailer units, the gross vehicle weight of the cargo carrying unit or units will control. In the case of water trucks, the tank capacity expressed in kilograms (pounds) of water plus 20%, will determine the gross vehicle weight. For attachment allowance, see attachment class.

TRUCKS		[T&TT]	
<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
CARS , LIGHT TRUCKS			
3175 (7000)	5443 (12000) No small pickups	00-06	\$25.14
5443 (12000)	9072 (20000)	06-12	\$28.46
9072 (20000)	12701(28000)	12-20	\$36.92
12701 (28000)	16330 (36000)	20-28	\$39.12
16330 (36000)	21773 (48000)	28-36	\$44.60
21773 (48000)	27216 (60000)	36-48	\$59.78
27216(60000) & Over		48-60	\$65.72
		60	\$73.97

TRUCKS, OFF-HIGHWAY [TRUOF]

DELAY FACTOR = 0.22 OVERTIME FACTOR = 0.80

Includes all attachments and accessories. Includes end dump, belly dump and earthmover types. Listed in accordance with Mfr's rated capacity in tonnes (tons). In the case of earthmover types, rated by Mfr's volumetric capacity, a factor of 1.4 tonnes per cubic meter (1-1/2 tons per cubic yard) of struck capacity shall be used.

TRUCK OFF-HIGHWAY		[TRU]	
<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
9.1 (10)	13.6 (15)	10-15	\$45.39
16.3 (18)	20.0 (22)	18-22	\$81.39
20.0 (22)	24.5 (27)	22-27	\$101.51
24.5 (27)	29.0 (32)	27-32	\$116.15
29.0 (32)	36.3 (40)	32-40	\$157.46
36.3 (40)	49.9 (55)	40-55	\$232.71
49.9 (55)	60.8 (67)	55-67	\$261.52

WATER TRUCK



Project: 0483-01 - Perris High School No. 4
 32255 Leon Road
 Winchester, California 92596

Potential Change Order #28-028: CE #400 - RFI #1138: Adequate Cover on Top of Extended 18" RCP - Follow up to RFI #1126

CONTRACT COMPANY:	Roadway Engineering & Contracting, Inc. 10966 Banana Avenue Fontana California, 92337	CONTRACT FOR:	C-0483-01-028 - Offsite Street Improvements
PCO NUMBER/REVISION:	28-028 / 1	CREATED BY:	Jeff Nicholson (Neff Construction, Inc.)
REQUEST RECEIVED FROM:		CREATED DATE:	10/1 /2021
STATUS:	Pending - In Review		
REFERENCE:			
FIELD CHANGE:	No	ACCOUNTING METHOD:	Amount Based
LOCATION:		PAID IN FULL:	No
SCHEDULE IMPACT:		TOTAL AMOUNT:	\$0.00

POTENTIAL CHANGE ORDER TITLE: CE #400 - RFI #1138: Adequate Cover on Top of Extended 18" RCP - Follow up to RFI #1126

CHANGE REASON: No Change Reason

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*

CE #400 - RFI #1138: Adequate Cover on Top of Extended 18" RCP - Follow up to RFI #1126
 Revise installation of RCP in Leon, extend concrete in roadway and provide reinforcing steel as noted in RFI 1138

ATTACHMENTS:

[RFI #1138 - Adequate Cover on Top of Extended 18 RCP.pdf](#)

#	Cost Code	Description	Type	Amount
1	50-28000 - Offsite Street Improvements	RFI 1138	Commitment	\$ 6,546.95
2	50-28001 - Offsite Street Improvements - Allowance	Draw from Allowance	Commitment	(\$6,546.95)
Subtotal:				\$0.00
Grand Total:				\$0.00

By signing below signatory recognizes and accepts the above dollar value contract adjustment

Owner's Representative

Architect

See CCO #28-013 for approval signatures

 Print Sign Date

 Print Sign Date

Construction Manager

Prime Contractor

 Print Sign Date

 Print Sign Date

ROADWAY ENGINEERING & CONTRACTING INC.

General Engineering Contractor

License #874044

May 2, 2022

Perris Union High School District
155 E 4th Street
Perris, CA 92570

Attention: Jeff Nicholson

Reference: Perris HS #4 - Cat #28 Off-Site Improvements
Menifee, CA

Regarding: Change Order Request #011 – PCC Cover over 18” RCP

Mr. Nicholson,

As per the direction given in RFI #1138, the cost for the additional work to excavate around the 18” RCP pipe, install rebar reinforcing and pour concrete encasement is ~~\$7,203.00~~. See the attached itemized cost breakdown for this work.

\$6,546.95

If the above price is acceptable, please issue a contract change order for this amount. You can call me with any questions at (951) 360-0033.

Sincerely,
ROADWAY ENGINEERING



Eric Alvarez

Details Report For : PERRIS HS #4 - CAT #28 OFF-SITE IMPROVEMENTS

ERIC ALVAREZ

05/02/2022

Ph. CO	CHANGE ORDERS	Quantity	U/M	Unit Cost	Total Cost	Margin%	Unit Price	Total Price
Item 19		1.0	LS	\$6,548.240	\$6,548.24	10.00	\$7,203.000	\$7,203.00
Description RFI #1138 PCC COVER OVER 18" RCP								6,546.95

Activity	DIG / REBAR / POUR ENCASEMENT AROUND RCP	Crew	THREE (3) MEN CONCRETE CREW	Days:	Activity Qty	1.00	LS
Day:	0.70 LS		Labor		Total Cost:		\$6,548.24
Hour:	0.10 LS		Equipment		Unit Cost:		\$6,548.240
			Actual:	1.50			

Labor		Quantity	Hours	Days	Unit Cost		
MAS	CEMENT MASON	2.00	8.00 HR	1.50	85.820	\$2,059.68	
4MPCC	FOREMAN CONCRETE WORK	1.00	8.00 HR	1.50	87.380	\$1,048.56	
The total contains overtime cost of:						0.00	
						Total	\$3,108.24

Equipment		Quantity	Hours	Days	Unit Cost		
TRFORM	FORM TRUCK	1.00	8.00 HR	1.50	40.000	\$480.00	
TRCREW	CREW TRUCK	1.00	8.00 HR	1.50	25.000	\$300.00	
MINI	MINI EXCAVATOR	1.00	8.00 HR	1.00	145.000	\$1,160.00	
						Total	\$1,940.00

Material		Quantity	Unit Cost		
CON5.5	CONCRETE 5.5 SACK	10.00	100.000	\$1,000.00	
CONLOD	CONCRETE LOAD ENVIRO CHARGE	1.00	400.000	\$400.00	
REBAR	REBAR	1.00	100.000	\$100.00	
				Total	\$1,500.00

Act
Note:

Adjusted per General Provisions 17.13

(v)General Markup: shall be deemed and construed to fully compensate ... all other direct and indirect costs (other than bond markup) attributable to the proposed change(s), including, without limitation, any and all costs of ... equipment with a daily rental rate of less than \$500.00.

Description	Total	Rate	Total Hrs.	Adjusted	
				As Submitted	per Contract Docs
Foreman	12	\$ 87.38	1,048.56	12	1,048.56
Laborer	24	\$ 85.82	2,059.68	24	2,059.68
Truck	12	\$ 40.00	480.00	-	-
Truck	12	\$ 25.00	300.00	-	-
Mini-Ex	8	\$145.00	1,160.00	8	1,160.00
Concrete	###	\$100.00	1,000.00	10	1,000.00
Envirmental Charge	1	\$400.00	400.00	1	400.00
Rebar	1	\$100.00	100.00	1	100.00
	-		-		
Subtotal			6,548.24		5,768.24
Mark-up			654.76	12.5%	721.03
Bond			-	1%	57.68
Total			7,203.00		6,546.95

**RFI #1138**Neff Construction, Inc.
California**Project:** 0483-01 - Perris High School No. 4
32255 Leon Road
Winchester, California 92596

Adequate Cover on Top of Extended 18" RCP - Follow up to RFI #1126

TO:	Aron Chad Burian (Epic Engineers, Inc.) Buddy Gessel (BakerNowicki Design Studio)	FROM:	Rafael Gomez (Roadway Engineering & Contracting,) 10966 Banana Avenue Fontana, California 92337
DATE INITIATED:	08/24/ 2021	STATUS:	Closed on 10/01/21
LOCATION:		DUE DATE:	08/31/2021
COST CODE:		REFERENCE:	Response to RFI #1126 (Roadway RFI #011)
COST IMPACT:	TBD	SCHEDULE IMPACT:	TBD
DRAWING NUMBER:	Off Site Plan Sheet 4	SPEC SECTION:	
LINKED DRAWINGS:			
RECEIVED FROM: Rafael Gomez (Roadway Engineering & Contracting, Inc.)			
COPIES TO: Curtis Fletcher (Neff Construction, Inc.), Lucas James (TYR, Inc.), Jeff Nicholson (Neff Construction, Inc.), Roy Wager (Neff Construction, Inc.)			

Question from Rafael Gomez (Roadway Engineering & Contracting, Inc) at 05:54 PM on 08/23/2021

The response to RFI #1126 (Roadway RFI 011), increased the elevation of the edge of pavement on the north side of Leon Rd to 1401.18 FS. It stated that this would result in cover of 0.47' above the extended 18" RCP. However, this used an elevation of 1399.00 FL at the edge of pavement to calculate the top of pipe. The 1399.00 FL elevation on the plan is actually at the new headwall 10 ft north of the edge of pavement. Roadway shot elevations of the exiting RCP pipe that is being extended and calculated the cover along the new extended pipe section. This will result in 0.32' of cover at POC of the two pipes, 0.18' of cover at the bell for the new RCP, and 0.30' of cover at the EP (See attached Sketch). Additionally, the plans call for a new 5" thick concrete collar at the POC of two pipes. This concrete collar will be 0.10' above the design FS. Please advise how to proceed and advise if the cover on top of the new pipe is adequate.

Attachments:

[RFI #011.1 - Top of 18 in RCP Drain Line Follow Up.pdf](#)

Official Response: Buddy Gessel (BakerNowicki Design Studio) responded on Thursday, September 30th, 2021 at 4:46PM PDT

Response From Aron Chad Burian

REMOVE COLLAR AND BELL TO TOP OF PIPE, POUR 10" SLAB AND BASE AROUND PIPES PER CONSTRUCTION NOTE 17, WITH REBAR PER ATTACHED SKETCH. CONCRETE SLAB TO TERMINATE AT STATION 12+03.50 AS SHOWN ON ATTACHED EXHIBIT, BEGIN ASPHALT SECTION AT THAT POINT.

Attachments:

Official Response: Aron Chad Burian (Epic Engineers, Inc.) responded on Thursday, September 30th, 2021 at 3:03PM PDT

REMOVE COLLAR AND BELL TO TOP OF PIPE, POUR 10" SLAB AND BASE AROUND PIPES PER CONSTRUCTION NOTE 17, WITH REBAR PER ATTACHED SKETCH. CONCRETE SLAB TO TERMINATE AT STATION 12+03.50 AS SHOWN ON ATTACHED EXHIBIT, BEGIN ASPHALT SECTION AT THAT POINT.

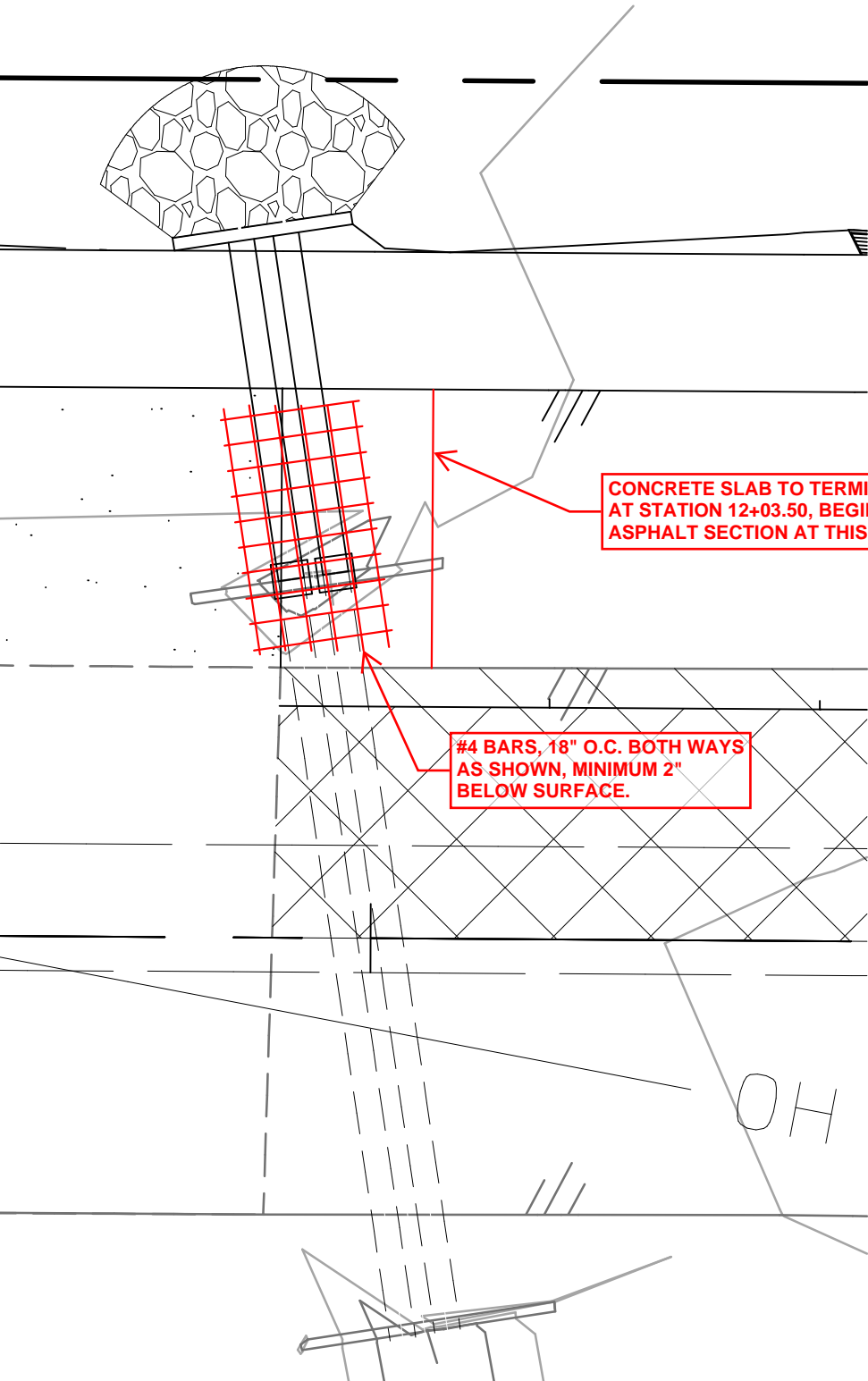
Attachments:

[RFI #011.1 - Top of 18 in RCP Drain Line Follow Up.pdf](#)

BY

DATE

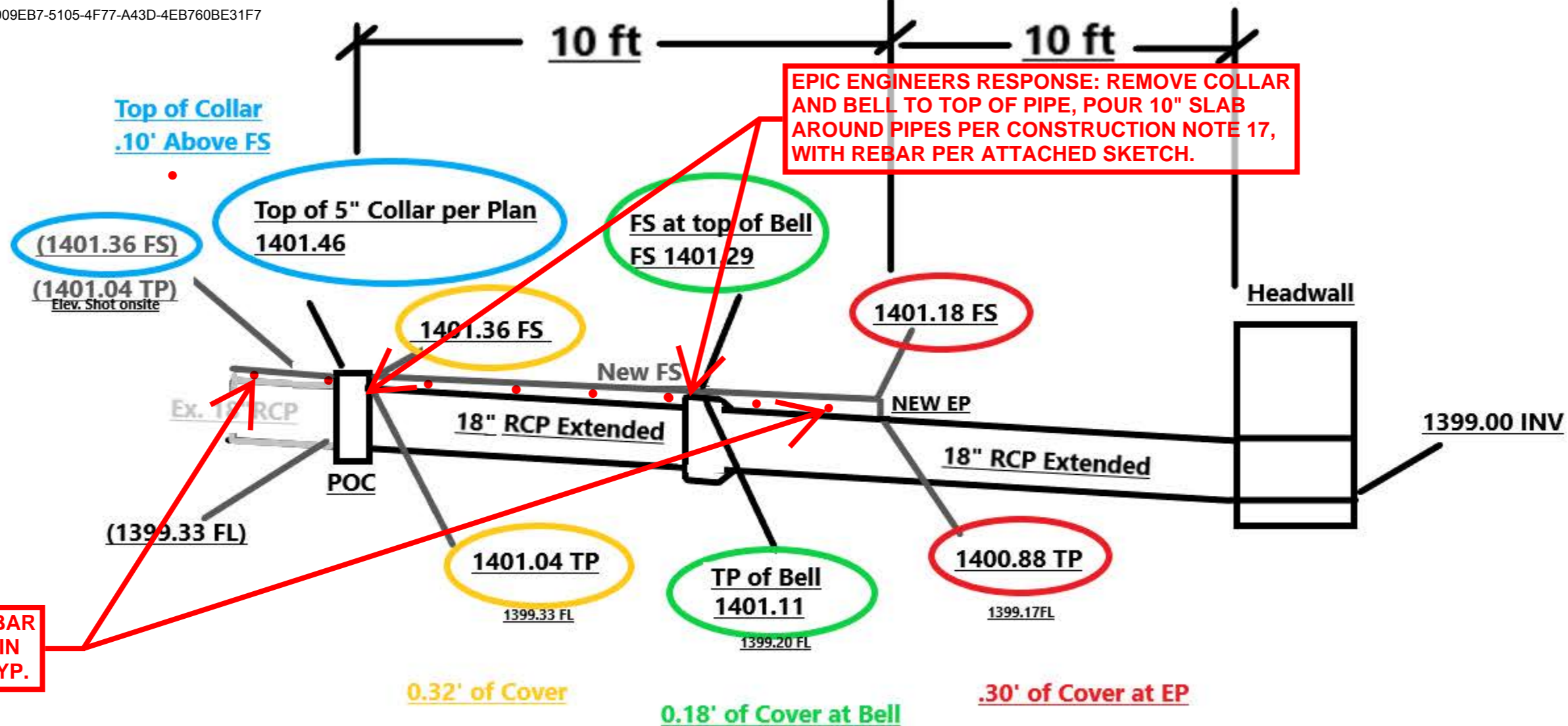
COPIES TO



CONCRETE SLAB TO TERMINATE
AT STATION 12+03.50, BEGIN
ASPHALT SECTION AT THIS POINT.

#4 BARS, 18" O.C. BOTH WAYS
AS SHOWN, MINIMUM 2"
BELOW SURFACE.

OH



Profile of Extended RCP Leon Rd - Approx. STA 12+00

Roadway Engineering Contracting Inc.
REQUEST FOR INFORMATION

TO: PERRIS UNION HIGH SCHOOL DISTRICT

RFI No. <u>28</u> - <u>011.1</u>

FROM: Roadway Engineering, Inc.

DWG. REF.: Off Site - Sheet 4

Fax No: (909) 346-0033

Cost Impact: Yes No TBD X

(For cost impact, provide detailed breakdown of the change for approval)

Project: Perris High School No. 4 - Off Site Improvements

Spec. Ref: NA

Bid Pack: #28

Date: 8/23/2021

Description of Problem / Clarification / Information Required:

The response to RFI #1126 (Roadway RFI 011), increased the elevation of the edge of pavement on the north side of Leon Rd to 1401.18 FS. It stated that this would result in cover of 0.47' above the extended 18" RCP. However, this used an elevation of 1399.00 FL at the edge of pavement to calculate the top of pipe. The 1399.00 FL elevation on the plan is actually at the new headwall 10 ft north of the edge of pavement. Roadway shot elevations of the exiting RCP pipe that is being extended and calculated the cover along the new extended pipe section. This will result in 0.32' of cover at POC of the two pipes, 0.18' of cover at the bell for the new RCP, and 0.30' of cover at the EP (See attached Sketch). Additionally, the plans call for a new 5" thick concrete collar at the POC of two pipes. This concrete collar will be 0.10' above the design FS. Please advise how to proceed and advise if the cover on top of the new pipe is adequate.

Proposed Solution:

Question By: _____

Date: _____

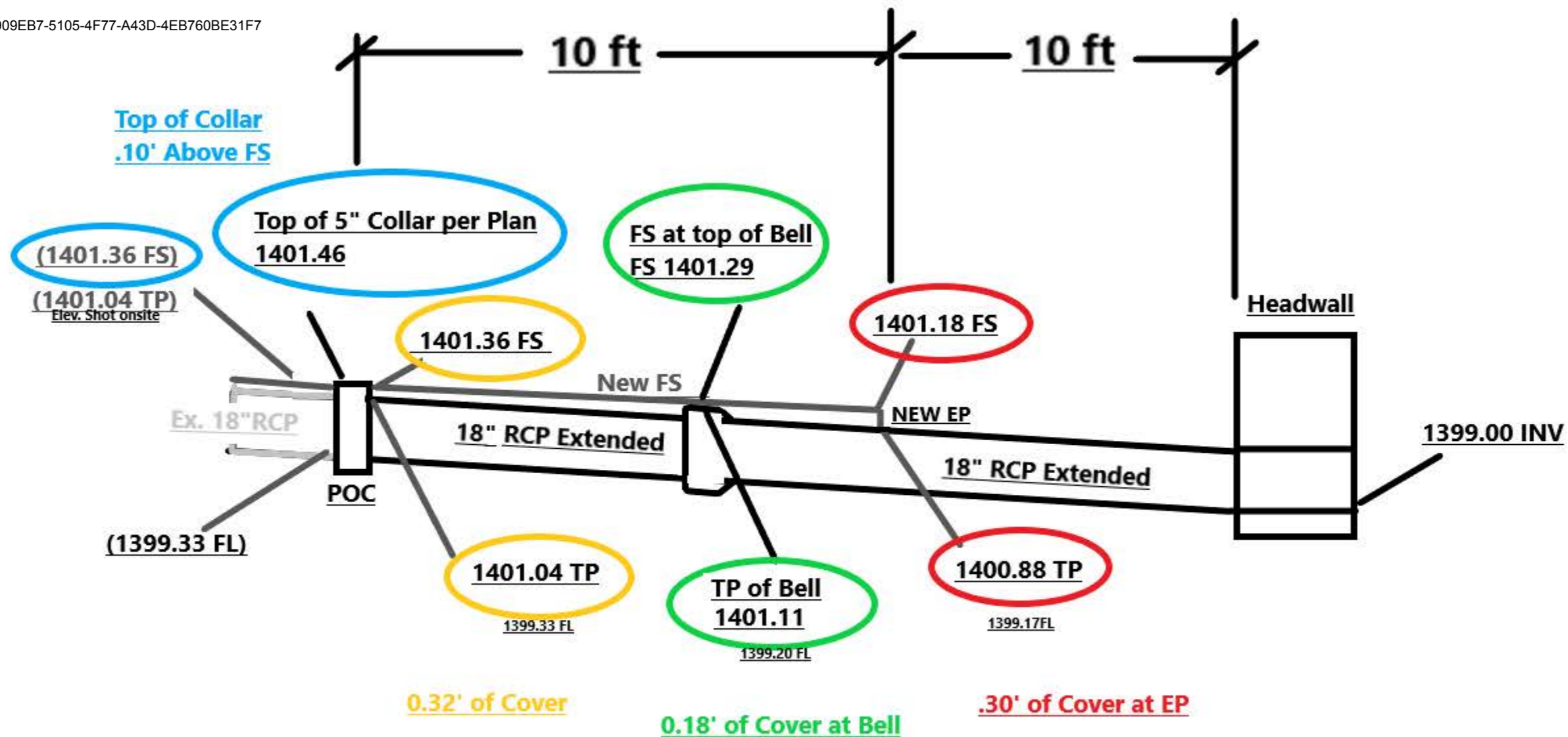
Response: _____

Response By: _____

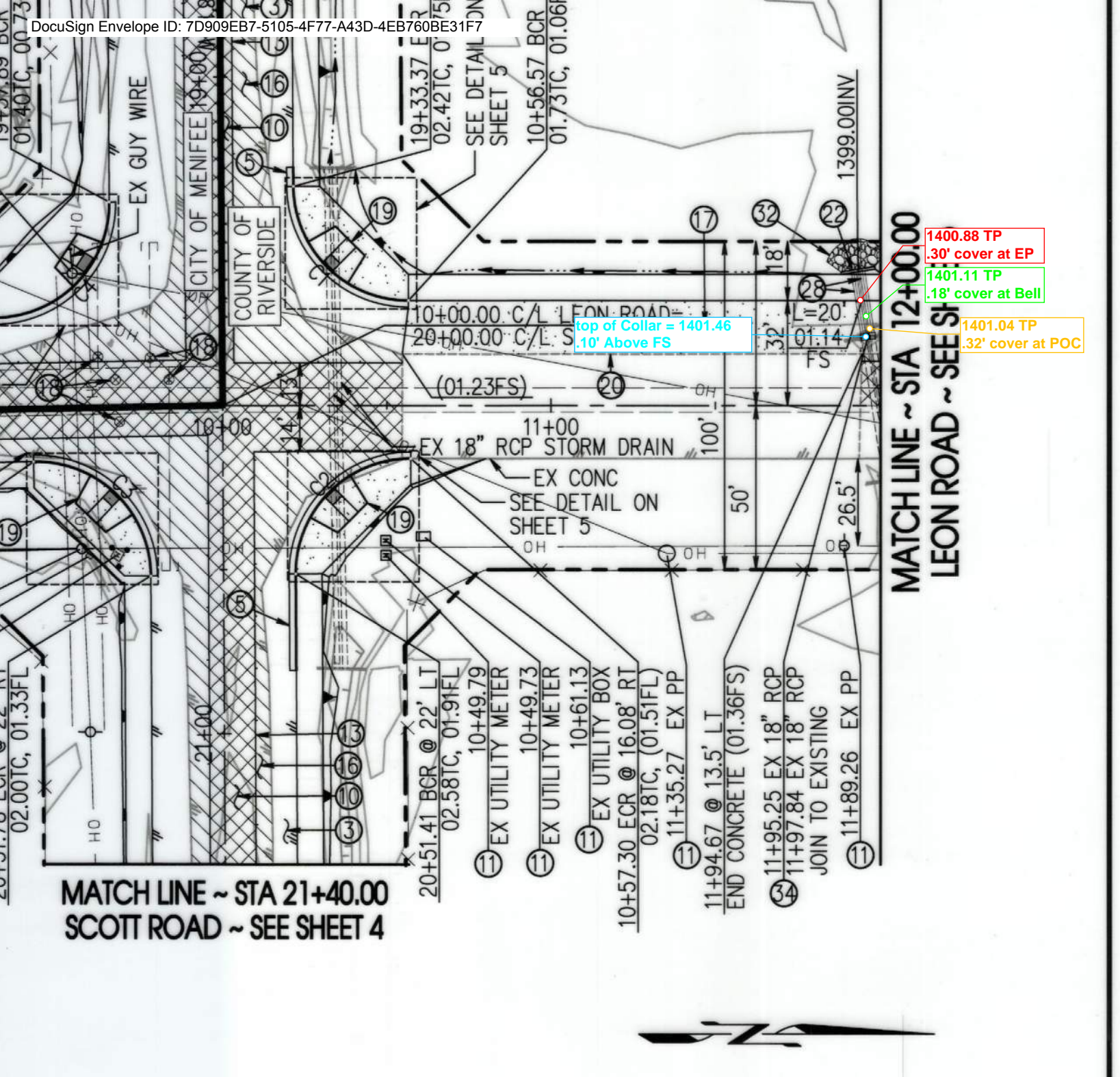
Date: _____

Reviewed By: _____

Date: _____



Profile of Extended RCP Leon Rd - Approx. STA 12+00



MATCH LINE ~ STA 21+40.00
SCOTT ROAD ~ SEE SHEET 4

MATCH LINE ~ STA 12+00.00
LEON ROAD ~ SEE SHEET 5

1400.88 TP
 .30' cover at EP

1401.11 TP
 .18' cover at Bell

1401.04 TP
 .32' cover at POC

top of Collar = 1401.46
 .10' Above FS

19+33.37 ECR
 02.42TC, 01.75
 SEE DETAIL ON
 SHEET 5
 10+56.57 BCR
 01.73TC, 01.06

10+00.00 C/L LEON ROAD
 20+00.00 C/L SCOTT ROAD

(01.23FS)

11+00
 EX 18" RCP STORM DRAIN
 EX CONC
 SEE DETAIL ON
 SHEET 5

- 20+51.41 BCR @ 22' LT
- 02.58TC, 01.91FL
- 10+49.79
- EX UTILITY METER
- 10+49.73
- EX UTILITY METER
- 10+61.13
- EX UTILITY BOX
- 10+57.30 ECR @ 16.08' RT
- 02.18TC, (01.51FL)
- 11+35.27 EX PP
- 11+94.67 @ 13.5' LT
- END CONCRETE (01.36FS)
- 11+95.25 EX 18" RCP
- 11+97.84 EX 18" RCP
- JOIN TO EXISTING
- 11+89.26 EX PP

CITY OF MENIFEE 19+00

COUNTY OF RIVERSIDE

EX GUY WIRE

1399.00INV

L=20'
 FS

100'

50'

26.5'

02.00TC, 01.33FL

21+00

10+00

14'

14'

14'

14'

14'

14'

14'

14'

14'

14'

14'

14'

14'

14'

14'

14'

14'

14'

14'

14'

14'



PCO #28-029

Project: 0483-01 - Perris High School No. 4
 32255 Leon Road
 Winchester, California 92596

Potential Change Order #28-029: CE #427 - Offsite Revisions - CCD 198

CONTRACT COMPANY:	Roadway Engineering & Contracting, Inc. 10966 Banana Avenue Fontana California, 92337	CONTRACT FOR:	C-0483-01-028 - Offsite Street Improvements
PCO NUMBER/REVISION:	28-029 / 0	CREATED BY:	Jeff Nicholson (Neff Construction, Inc.)
REQUEST RECEIVED FROM:		CREATED DATE:	11/17 /2021
STATUS:	Pending - In Review		
REFERENCE:			
FIELD CHANGE:	No	ACCOUNTING METHOD:	Amount Based
LOCATION:		PAID IN FULL:	No
SCHEDULE IMPACT:		TOTAL AMOUNT:	\$0.00

POTENTIAL CHANGE ORDER TITLE: CE #427 - Offsite Revisions - CCD 198

CHANGE REASON: Design Development

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*

CE #427 - Offsite Revisions - CCD 198
 Offsite street & striping revisions per CCD 198 and revisions per RFI 1137

ATTACHMENTS:

[04-114675_CCD_198_B_Offsite Revisions.pdf](#)

#	Cost Code	Description	Type	Amount
1	50-28000 - Offsite Street Improvements	CCD 198 Street Revisions	Commitment	\$ 20,140.00
2	50-28001 - Offsite Street Improvements - Allowance	Draw from Allowance	Commitment	(\$20,140.00)
Subtotal:				\$0.00
Grand Total:				\$0.00

By signing below signatory recognizes and accepts the above dollar value contract adjustment

Owner's Representative

Architect

See CCO #28-013 for approval signatures

 Print Sign Date

 Print Sign Date

Construction Manager

Prime Contractor

 Print Sign Date

 Print Sign Date

ROADWAY ENGINEERING & CONTRACTING INC.

General Engineering Contractor

License #874044

May 2, 2022

Perris Union High School District
155 E 4th Street
Perris, CA 92570

Attention: Jeff Nicholson

Reference: Perris HS #4 - Cat #28 Off-Site Improvements
Menifee, CA

Regarding: Change Order Request #012 – Off-Site Revisions CCD 198 & RFI 1137

Mr. Nicholson,

As per the direction given in CCD 198 & RFI 1137, the price for the additional work to remove existing asphalt pavement, excavate & prep for subgrade and install new asphalt is **\$20,140.00**. See the attached itemized cost breakdown for this work.

If the above price is acceptable, please issue a contract change order for this amount. You can call me with any questions at (951) 360-0033.

Sincerely,
ROADWAY ENGINEERING



Eric Alvarez

Details Report For : PERRIS HS #4 - CAT #28 OFF-SITE IMPROVEMENTS

ERIC ALVAREZ

05/02/2022

Ph. CO	CHANGE ORDERS	Quantity	U/M	Unit Cost	Total Cost	Margin%	Unit Price	Total Price
Item 20		1.0	LS	\$18,310.480	\$18,310.48	9.99	\$20,140.000	\$20,140.00
Description CCD #198 - SCOTT & LEON OFF-SITE REVISIONS								

Activity	REMOVE AC / GRADE / PLACE AGG BASE PLAC	Crew	EXCAVATION WITH PLANER	Activity Qty	1.00 LS
Rate:					
Day:	0.50 LS		Labor	2.00	Total Cost: \$18,310.48
Hour:	0.10 LS		Equipment	2.00	Unit Cost: \$18,310.480
			Actual:	2.00	

Labor		Quantity	Hours	Days	Unit Cost	
GENFOR	GENERAL FOREMAN	1.00	8.00 HR	2.00	124.000	\$1,984.00
LAB 1	LABORER GROUP 1	2.00	8.00 HR	2.00	79.890	\$2,556.48
The total contains overtime cost of:				0.00	Total	\$4,540.48

Equipment		Quantity	Hours	Days	Unit Cost	
TRPU	PICKUP TRUCK	1.00	8.00 HR	2.00	14.000	\$224.00
CPBART	4' COLDPLANER	1.00	4.00 HR	1.00	675.000	\$2,700.00
TRW20B	WATER TRUCK 2000 BARE	1.00	8.00 HR	2.00	35.000	\$560.00
SKIP	SKIPLOADER	1.00	8.00 HR	2.00	166.000	\$2,656.00
					Total	\$6,140.00

Material		Quantity	Unit Cost	
AB	AGGREGATE BASE	150.00	10.000	\$1,500.00
AC	ASPHALT CONCRETE	82.00	65.000	\$5,330.00
ABENVR	AGG BASE ENVIROMENTAL	5.00	5.000	\$25.00
ACENVR	ASPHALT ENVIRONMENTAL	5.00	3.000	\$15.00
			Total	\$6,870.00

Trucks		Quantity	Unit Cost	
10WEEL	HOURLY 10-WHEELER	8.00	95.000	\$760.00
			Total	\$760.00

Act
Note:

ROADWAY ENGINEERING & CONTRACTING INC.

General Engineering Contractor

License #874044

VOID

This Roadway COR 8 and scope based on RFI 1099 has been superseded by CCD-198 and Roadway COR 12

August 16, 2021

Perris Union High School District
155 E 4th Street
Perris, CA 92570

Attention: Jeff Nicholson

Reference: Perris HS #4 - Cat #28 Off-Site Improvements
Menifee, CA

Regarding: Change Order Request #008 – Extend Improvements on Scott Rd per RFI 1099

Mr. Nicholson,

The total additional cost to extend the road improvements on the north side of Scott Rd. from Station 23+74.27 to 29+33 as indicated in the response to RFI #1099 is **\$69,637.00**. Attached you will find an itemized cost breakdown to complete this work.

If the price indicated above is acceptable, please issue a project contract change order in that amount. Should you have any questions please call me at (951) 360-0033.

Sincerely,
ROADWAY ENGINEERING



Eric Alvarez



Neff Construction, Inc.
California

RFI #1137

Project: 0483-01 - Perris High School No. 4
32255 Leon Road
Winchester, California 92596

Resulting Cross-Slope at Widening on Scott Rd Sta. 19+37.89

TO:	Aron Chad Burian (Epic Engineers, Inc.) Buddy Gessel (BakerNowicki Design Studio)	FROM:	Rafael Gomez (Roadway Engineering & Contracting,) 10966 Banana Avenue Fontana, California 92337
DATE INITIATED:	08/24/ 2021	STATUS:	Closed on 09/06/21
LOCATION:	Offsite Street Improvements	DUE DATE:	08/31/2021
COST CODE:		REFERENCE:	
COST IMPACT:	TBD	SCHEDULE IMPACT:	TBD
DRAWING NUMBER:	Offsite Plans Sheet 4	SPEC SECTION:	
LINKED DRAWINGS:			
RECEIVED FROM: Rafael Gomez (Roadway Engineering & Contracting, Inc.)			
COPIES TO: Curtis Fletcher (Neff Construction, Inc.), Karl Moller (Neff Construction, Inc.), Jeff Nicholson (Neff Construction, Inc.), Josh Owen (Neff Construction, Inc.)			

Question from Rafael Gomez (Roadway Engineering & Contracting, Inc) at 04:24 PM on 08/23/2021

On Scott Rd. Station 19+37.89 the FL elevation for the curb and gutter at the west end of the south-west curb ramp on is 1400.67. The existing FS elevations at this station are 1402.35 at CL and 1402.20 at the southern sawcut limit. The resulting cross-slope for the new asphalt at the 22ft widened road surface will be 7.67% (See attached). Please advise how to proceed. Additionally, please provide design FS elevations at all edge of road locations that don't have new curb or curb and gutter.

Attachments:

[RFI #013 - Resulting Cross-Slope at Widening on Scott Rd Sta. 19+37.89.pdf](#)

Official Response: Buddy Gessel (BakerNowicki Design Studio) responded on Friday, September 3rd, 2021 at 11:03AM PDT

Response From Aron Chad Burian

The street section referenced in the RFI is not completely representative of the intersection grades. At station 19+37.89, the pavement is being overlaid or replaced on a straight grade from centerline to the new gutter lip over a distance of 32' (not 22'). The pavement edge elevation at gutter lip is 0.16' higher than the curb FL per RCTLMA Std 403, so the actual pavement edge at GL is 1400.83. Subtracted from the centerline elevation of 1402.35, the fall is 1.52' over 32', which equals 4.7%. This is how the plan was approved in a temporary minimalist condition in order to accommodate the traffic signal. We suggest that more AC be removed to the crown as shown on the exhibit in order to achieve a full AC section across the straight-grade cross fall from crown to gutter lip.

One other small item has been added: a 2' wide x 8' long gutter section to convey runoff out of the northwesterly curb return gutter. All other information shown on the attachment is for clarification only. A notation has also been provided showing a grade break to identify a 10' AC edge to gutter lip / AC edge to flowline transition at each curb & gutter termination, for clarity of how that transition should happen.

Attachments:

Official Response: Aron Chad Burian (Epic Engineers, Inc.) responded on Friday, September 3rd, 2021 at 10:56AM PDT

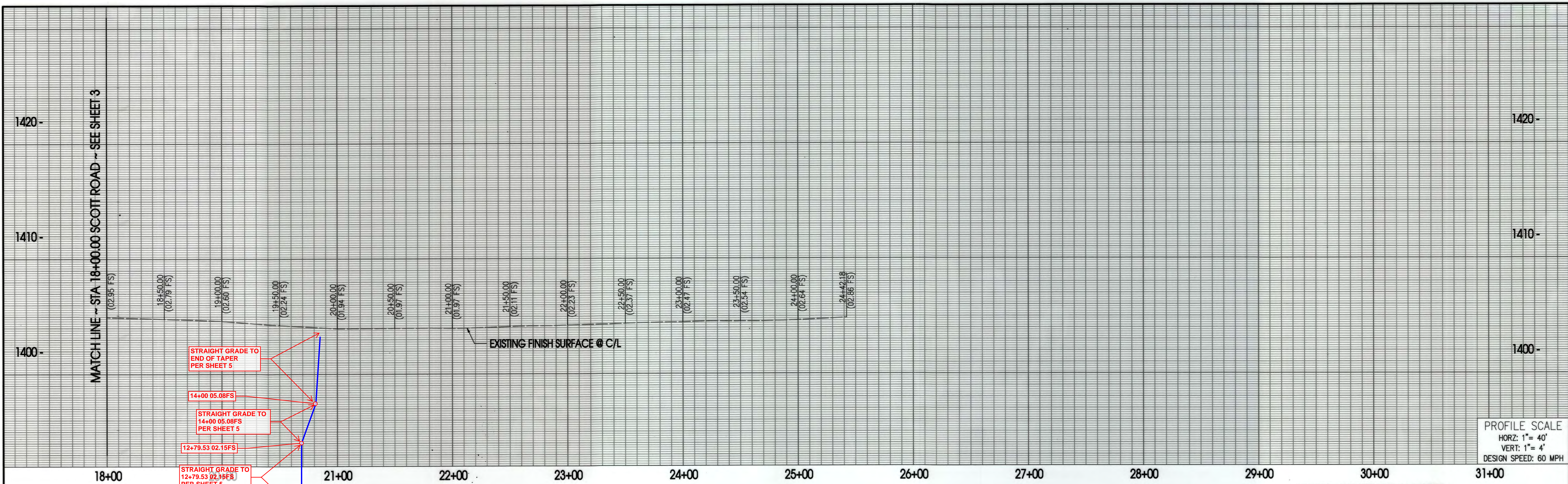
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One other small item has been added: a 2' wide x 8' long gutter section to convey runoff out of the northwesterly curb return gutter. All other information shown on the attachment is for clarification only. A notation has also been provided showing a grade break to identify a 10' AC edge to gutter lip / AC edge to flowline transition at each curb & gutter termination, for clarity of how that transition should happen.

Attachments:

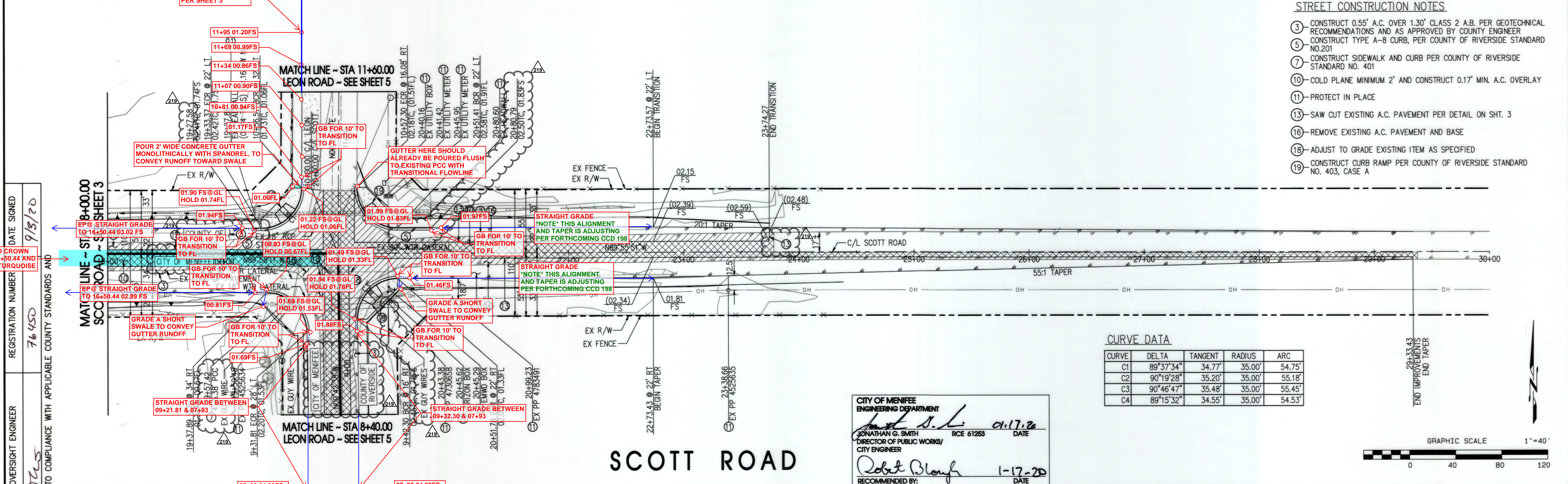
[Pages from Approved Liberty HS Offsites.pdf](#)

KEYNOTES



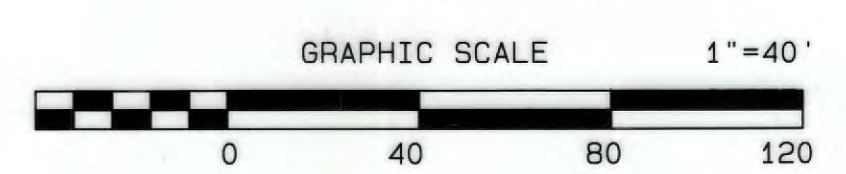
PROFILE SCALE
HORZ: 1" = 40'
VERT: 1" = 4'
DESIGN SPEED: 60 MPH

- STREET CONSTRUCTION NOTES**
- ③ CONSTRUCT 0.55' A.C. OVER 1.30' CLASS 2 A.B. PER GEOTECHNICAL RECOMMENDATIONS AND AS APPROVED BY COUNTY ENGINEER
 - ⑤ CONSTRUCT TYPE A-B CURB, PER COUNTY OF RIVERSIDE STANDARD NO.201
 - ⑦ CONSTRUCT SIDEWALK AND CURB PER COUNTY OF RIVERSIDE STANDARD NO. 401
 - ⑩ COLD PLANE MINIMUM 2' AND CONSTRUCT 0.17' MIN. A.C. OVERLAY
 - ⑪ PROTECT IN PLACE
 - ⑬ SAW CUT EXISTING A.C. PAVEMENT PER DETAIL ON SHT. 3
 - ⑯ REMOVE EXISTING A.C. PAVEMENT AND BASE
 - ⑰ ADJUST TO GRADE EXISTING ITEM AS SPECIFIED
 - ⑲ CONSTRUCT CURB RAMP PER COUNTY OF RIVERSIDE STANDARD NO. 403, CASE A

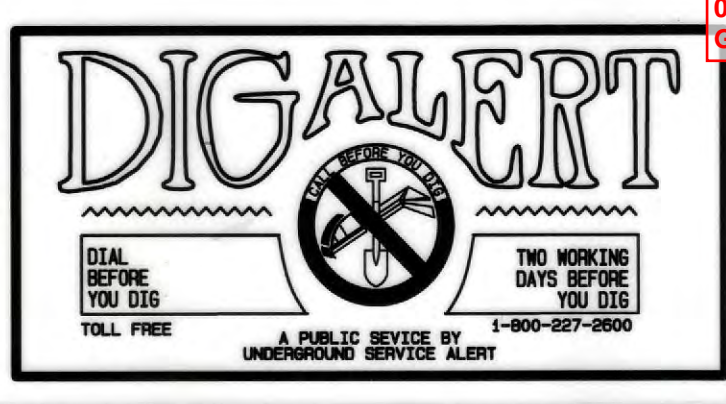


CURVE DATA

CURVE	DELTA	TANGENT	RADIUS	ARC
C1	89°37'34"	34.77'	35.00'	54.75'
C2	90°19'28"	35.20'	35.00'	55.18'
C3	90°46'47"	35.48'	35.00'	55.45'
C4	89°15'32"	34.55'	35.00'	54.53'



DATE SIGNED	9/5/20
REGISTRATION NUMBER	76450
COUNTY OVERSIGHT ENGINEER	<i>[Signature]</i>
APPROVED AS TO COMPLIANCE WITH APPLICABLE COUNTY STANDARDS AND PRACTICES.	
RECORD	<i>[Signature]</i>



WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED.

The private engineer signing these plans is responsible for assuring the accuracy and acceptability of the design herein. In the event of discrepancies arising after county approval or during construction, the private engineer shall be responsible for determining an acceptable solution and presenting the same to the county for approval by the county.



CITY OF MENIFEE
ENGINEERING DEPARTMENT
[Signature] 09.17.20
JONATHAN G. SMITH RCE 61263 DATE
DIRECTOR OF PUBLIC WORKS/
CITY ENGINEER
[Signature] 1-17-20
RECOMMENDED BY: DATE

EPIC ENGINEERS
CIVIL ENGINEERING | LAND SURVEYING | PLANNING | STORMWATER MANAGEMENT
101 E. REIDLANDS BOULEVARD
SUITE 144
REIDLANDS, CA 92373
TEL: 909.792.5949
FAX: 909.792.8669
WWW.EPICRCE.COM

[Signature] 11/10/20
TROY DAVID VOLAUG R.C.E. NO. 59118 DATE

BENCHMARK: COUNTY OF RIVERSIDE
3 1/4" ALUMINUM DISK STAMP
RIVERSIDE, CO. BENCH MARK
M-140-83" AT THE "I" INTER.
OF EUCALYPTUS AVE. & HOLLAND
RD., 16' WLY ALONG HOLLAND RD.,
16' WLY ALONG HOLLAND AND 33
FEET SLY OF CL HOLLAND.
ELEV: 1446.482

MS 4314 I.P. NO. 160020
COUNTY OF RIVERSIDE
STREET IMPROVEMENT PLAN
SCOTT ROAD-PLAN AND PROFILE

SCALE: H: _____ V: _____

FOR: PERRIS UNION SCHOOL DISTRICT W.O. COUNTY FILE NO. 968-RR

SHEET NO. 4 OF 14 SHITS

EPIC ENGINEERS
CIVIL ENGINEERING | LAND SURVEYING | PLANNING | STORMWATER MANAGEMENT
101 E. REIDLANDS BOULEVARD
SUITE 144
REIDLANDS, CA 92373
TEL: 909.792.5949
FAX: 909.792.8669
WWW.EPICRCE.COM

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL # 04-114675
AC _____ FLS _____ SS _____
DATE:

OFFSITE STREET
IMPROVEMENT PLAN

NO. DATE ISSUE PROJECT NO: 104.01
DATE: 9/3/20

Roadway Engineering Contracting Inc.
REQUEST FOR INFORMATION

TO: PERRIS UNION HIGH SCHOOL DISTRICT

RFI No.	
28	013
Bid Pkg.	RFI No.

FROM: Roadway Engineering, Inc.

DWG. REF.: Off Site Sheet 4

Fax No: (909) 346-0033

Cost Impact: Yes No TBD X

(For cost impact, provide detailed breakdown of the change for approval)

Project: Perris High School No. 4 - Off Site Improvements

Spec. Ref: NA

Bid Pack: #28

Date: 8/23/2021

Description of Problem / Clarification / Information Required:

On Scott Rd. Station 19+37.89 the FL elevation for the curb and gutter at the west end of the south-west curb ramp on is 1400.67. The existing FS elevations at this station are 1402.35 at CL and 1402.20 at the southern sawcut limit. The resulting cross-slope for the new asphalt at the 22ft widened road surface will be 7.67% (See attached). Please advise how to proceed.

Additionally, please provide design FS elevations at all edge of road locations that don't have new curb or curb and gutter.

Proposed Solution:

Question By: _____

Date: _____

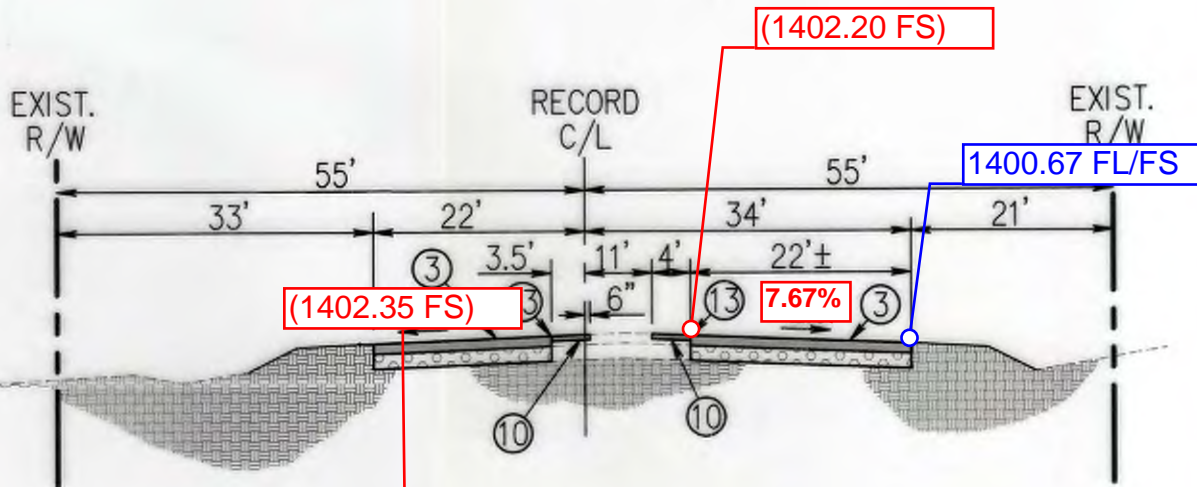
Response: _____

Response By: _____

Date: _____

Reviewed By: _____

Date: _____

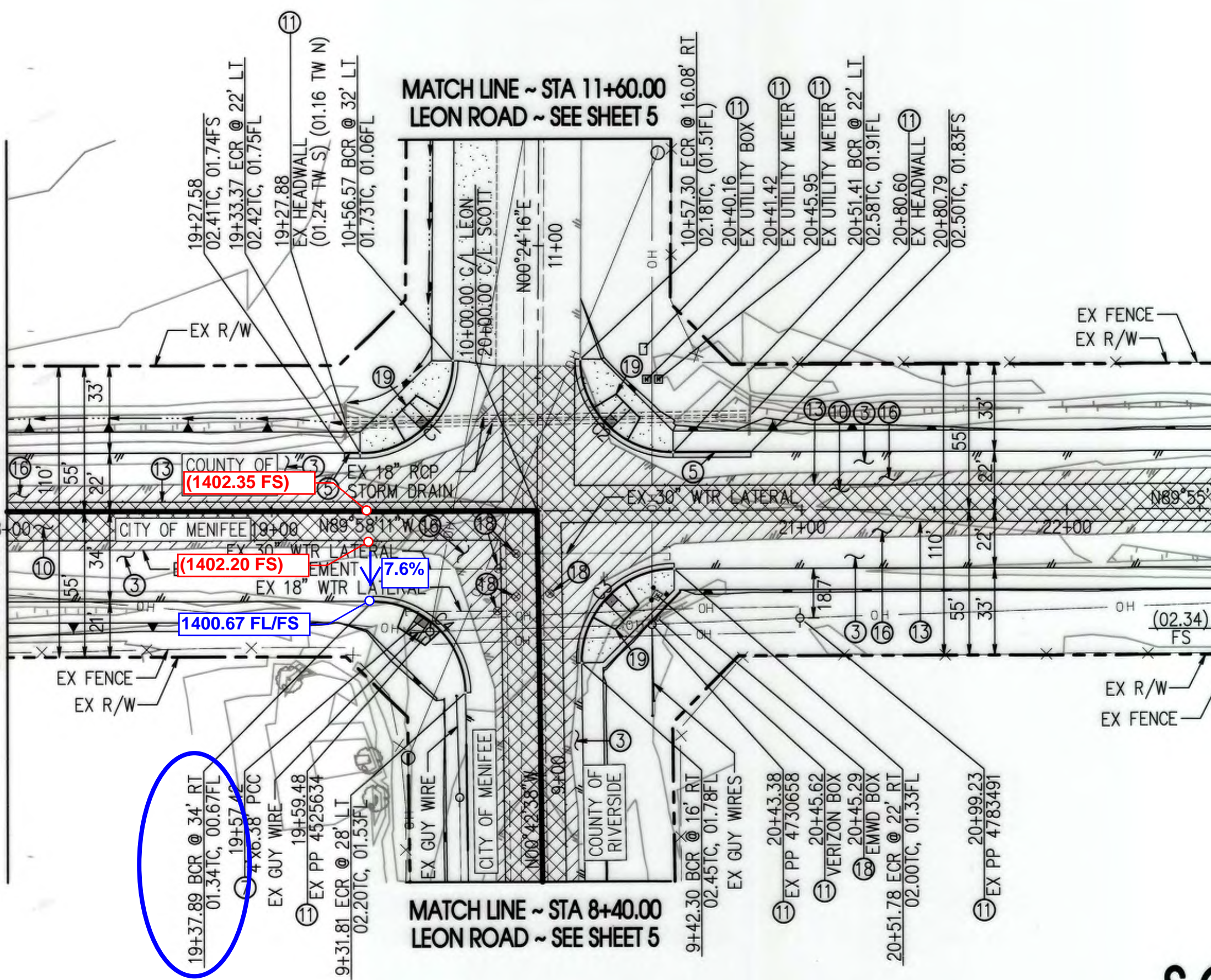


SCOTT RD
 STREET SECTION
 STA 15+49.15 TO 19+33.37
 Sta. 19+37.89
 URBAN ARTERIAL HIGHWAY (MODIFIED R/W)
 COUNTY OF RIVERSIDE STD. No. 91
 TI=10.0 R=25

OVERSIGHT ENGINEER	REGISTRATION NUMBER	DATE SIGNED
<i>gms</i>	76450	9/3/20

TO COMPLIANCE WITH APPLICABLE COUNTY STANDARDS AND

MATCH LINE ~ STA 18+00.00
SCOTT ROAD ~ SEE SHEET 3



MATCH LINE ~ STA 18+00.00

18+00

20+00

21+00

22+00

23+00

1400.

EXISTING FINISH SURFACE @ C/L

MATCH LINE ~ STA 11+60.00
LEON ROAD ~ SEE SHEET 5

MATCH LINE ~ STA 8+40.00
LEON ROAD ~ SEE SHEET 5

19+37.89 BCR @ 34' RT
01.34TC, 00.67FL

1400.67 FL/FS

(1402.20 FS)

(1402.35 FS)

SC

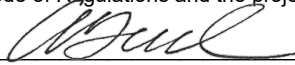


140

APPLICATION FOR SUBMITTAL OF POST-APPROVAL DOCUMENT

This application is for submittal of documents, after the initial approval of the project (post-approval documents), that require Division of the State Architect (DSA) review and approval. This form shall be completed by the Design Professional in General Responsible Charge of the project, in accordance with California Code of Regulations, Title 24, Part 1, Sections 4-317, 4-323 and 4-338 and in compliance with DSA IR A-6: Construction Change Document Submittal and Approval Process.

DSA documents referenced within this form are available on the [DSA Forms](#) or [DSA Publications](#) webpages.

1. SUBMITTAL TYPE: (Is this a resubmittal? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>)				
Deferred Submittal	Addendum Number:	Revision Number:	CCD Number: 198	Category A <input type="checkbox"/> or B <input checked="" type="checkbox"/>
2. PROJECT INFORMATION:				
School District/Owner: Perris Union High School District			DSA File Number: 33 H8	
Project Name/School: Perris High School #4			DSA Application Number 04 114675	
3. APPLICANT INFORMATION:				
Date Submitted: 11/10/21		Attached Pages? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Number of pages? 4		
Firm Name: BakerNowicki Design Studio		Contact Name: Alfred Gessel		
Work Email: bgessel@bndesignstudio.com		Work Phone: (619) 795-2443		
Firm Address: 731 Ninth Avenue, Suite A		City: San Diego	State: CA	Zip Code: 92101
4. REASON FOR SUBMITTAL: (Check applicable boxes)				
For revision or addendum prior to construction.		<input checked="" type="checkbox"/> For a project currently under construction.		
For a project that has a form <i>DSA 301-N: Notification of Requirement for Certification</i> , <i>DSA 301-P: Posted Notification of Requirement for Certification</i> or a 90-Day Letter issued.				
To obtain DSA approval of an existing uncertified building or buildings.				
For Category B CCD this is: <input type="checkbox"/> a voluntary submittal, <input type="checkbox"/> a DSA required submittal (attach DSA notice requiring submission).				
5. DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE:				
Name of the Design Professional In General Responsible Charge: ALFRED GESSEL				
Professional License Number: C30244		Discipline: ARCHITECT		
Design Professional in General Responsible Charge Statement: The attached post-approval documents have been examined by me for design intent and appear to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications. They are acceptable for incorporation into the construction of the project.				
Signature: 				
DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE				
6. CONFIRMATION, DESCRIPTION AND LISTING OF DOCUMENTS:				
For addenda, revisions, or CCDs: CHECK THIS BOX to confirm that <i>all</i> post-approval documents have been stamped and signed by the Responsible Design Professional listed on form <i>DSA 1: Application for Approval of Plans and Specifications</i> for this project. (For <i>Deferred Submittals</i> , refer to <i>IR A-18: Use of Construction Documents Prepared by Other Professionals</i> , and <i>IR A-19: Design Professional's Signature and Seal (Stamp) on Construction Documents</i> , when applicable, for signature and seal requirements.)				
Provide a brief description of construction scope for this post-approval document (attach additional sheets if needed): Revised offsite drawings				
List of DSA-approved drawings affected by this post-approval document:				

DSA USE ONLY					Returned		DSA STAMP
SSS _____ Date _____	Approved	Disapproved	Not Required		Date:		
Comments: _____					By:		
FLS _____ Date _____	Approved	Disapproved	Not Required				
Comments: _____							
ACS _____ Date _____	Approved	Disapproved	Not Required				
Comments: _____							

GENERAL NOTES

- IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER/OWNER OR CONTRACTOR TO APPLY TO THE RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT, PERMIT SECTION, FOR AN ENCROACHMENT PERMIT FOR ALL WORK PERFORMED WITHIN PUBLIC RIGHT-OF-WAY, DEDICATED AND ACCEPTED FOR PUBLIC USE, AND TO BE RESPONSIBLE FOR SATISFACTORY COMPLIANCE FOR ALL CURRENT ENVIRONMENTAL REGULATIONS DURING THE LIFE OF CONSTRUCTION ACTIVITIES FOR THIS PROJECT. ADDITIONAL STUDIES AND/OR PERMITS MAY BE REQUIRED.
- THE CONTRACTOR/DEVELOPER SHALL BE RESPONSIBLE FOR THE CLEARING OF THE WORK AREA, AND RELOCATION COSTS OF ALL EXISTING UTILITIES. THIS INCLUDES UNDERGROUNDING OF EXISTING OVERHEAD LINES ALONG THE PROJECT FRONTAGE AS REQUIRED BY THE CONDITIONS OF APPROVAL. PERMITEE MUST INFORM COUNTY OF CONSTRUCTION SCHEDULE AT LEAST 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION. PHONE: (951) 955-6790
- THE DEVELOPER WILL INSTALL STREET NAME SIGNS CONFORMING TO COUNTY STANDARD NO. 1220 AND '221.
- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT IMPROVEMENT STANDARDS AND SPECIFICATIONS, LATEST EDITION, COUNTY ORDINANCE NO. 461 AND SUBSEQUENT AMENDMENTS.
- IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO NOTIFY THE ENGINEER TO INSTALL STREET CENTERLINE MONUMENTS AS REQUIRED BY RIVERSIDE COUNTY ORDINANCE NO. 461. IF CONSTRUCTION CENTERLINE DIFFERS, PROVIDE A TIE TO EXISTING CENTERLINE OF RIGHT-OF-WAY. PRIOR TO ROAD CONSTRUCTION, SURVEY MONUMENTS INCLUDING CENTERLINE MONUMENTS, THE POINTS, PROPERTY CORNERS AND BENCH MARKS SHALL BE REFERENCED CUT AND CORNER RECORDS FILED WITH THE COUNTY SURVEYOR PURSUANT TO SECTION 6771 OF THE BUSINESS & PROFESSIONAL CODE. SURVEY POINTS DESTROYED DURING CONSTRUCTION SHALL BE RESET, AND A SECOND CORNER RECORD FILED FOR THOSE POINTS PRIOR TO COMPLETION AND ACCEPTANCE OF THE IMPROVEMENTS.
- ALL UNDERGROUND FACILITIES, WITH LATERALS, SHALL BE IN PLACE PRIOR TO PAVING THE STREET, INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: SEWER, WATER, ELECTRIC GAS, STORM DRAINS.
- CURB DEPRESSIONS AND DRIVEWAY APPROACHES WILL BE INSTALLED AND CONSTRUCTED ACCORDING TO COUNTY STANDARD NO. 206 AND/OR NO. 207, AS DIRECTED IN THE FIELD.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR DEVELOPER TO INSTALL AND MAINTAIN ALL CONSTRUCTION REGULATORY, GUIDE AND WARNING SIGNS WITHIN THE PROJECT LIMITS AND ITS SURROUNDINGS TO PROVIDE SAFE PASSAGE FOR THE TRAVELING PUBLIC AND WORKERS UNTIL THE FINAL COMPLETION AND ACCEPTANCE OF THE PROJECT BY THE COUNTY.
A TRAFFIC CONTROL PLAN MUST BE SUBMITTED FOR REVIEW TO THE PERMITS SECTION OR INSPECTION SECTION PRIOR TO OBTAINING AN ENCROACHMENT PERMIT.
- ALL STREET SECTIONS ARE TENTATIVE. ADDITIONAL SOIL TESTS FOR PARCEL AND TRACT MAPS SHALL BE TAKEN AND MAY BE TAKEN FOR PERMIT CASES BY THE COUNTY AFTER ROUGH GRADING TO DETERMINE THE EXACT STREET SECTION REQUIREMENTS. USE STANDARD NO. 401 IF EXPANSIVE SOILS ARE ENCOUNTERED.
- ASPHALTIC EMULSION (FOG SEAL) SHALL BE APPLIED NOT LESS THAN 14 DAYS FOLLOWING PLACEMENT OF THE ASPHALT SURFACING. FOG SEAL AND PAINT BINDER SHALL BE APPLIED AT A RATE OF 0.05 AND 0.03 GALLON PER SQUARE YARD RESPECTIVELY. ASPHALTIC EMULSION SHALL CONFORM TO SECTION 37, 39 AND 94 OF THE STATE STANDARD SPECIFICATIONS.
- INSTALL STREET TREES IN ACCORDANCE WITH ORDINANCE NO. 461 AND THE COMPREHENSIVE LANDSCAPING GUIDELINES
- STREETLIGHTS SHALL BE INSTALLED IN ACCORDANCE WITH THE APPROVED STREET LIGHTING PLAN.
- AS DETERMINED BY THE TRANSPORTATION DIRECTOR, THE DEVELOPER IS RESPONSIBLE AS A WINNOWER FOR ROAD IMPROVEMENTS TO CENTERLINE, AND MAY BE REQUIRED TO RECONSTRUCT EXISTING PAVEMENT, INCLUDING BASE, AND MATCHING OVERLAY REQUIRED TO MEET THE STRUCTURAL STANDARDS FOR THE CURRENT ASSIGNED TRAFFIC INDEX.
- ONLY LANDSCAPING CONSISTING OF GRASS AND PARKWAY TREES MAY BE INSTALLED WITHIN PARKWAYS ON LOCAL RESIDENTIAL STREETS WITHOUT SEPARATE LANDSCAPE PLANS. ALL OTHER TYPES OF LANDSCAPING IN THESE AREAS, AND ALL LANDSCAPING ON ALL OTHER STREETS, SHALL REQUIRE SEPARATE LANDSCAPE PLANS. ALL LANDSCAPING ENCROACHMENTS SHALL CONFORM TO RIVERSIDE COUNTY COMPREHENSIVE LANDSCAPING GUIDELINES DATED OCTOBER 2009.
- ANY PRIVATE DRAINAGE FACILITIES SHOWN ON THESE PLANS ARE FOR INFORMATION ONLY. BY SIGNING THESE IMPROVEMENT PLANS, NO REVIEW OR APPROVAL OF THOSE PRIVATE FACILITIES IS IMPLIED OR INTENDED BY THE RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT.
- A. CONSTRUCTION PROJECTS MUST OBTAIN A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT. OWNERS/DEVELOPERS ARE REQUIRED TO FILE A NOTICE OF INTENT (NOI) WITH THE STATE WATER RESOURCES CONTROL BOARD (SWRCB), PREPARE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND NON-TOXIC PLAN FOR THE SITE.
E. PRIOR TO ANY CONSTRUCTION, THE DEVELOPER SHALL PROVIDE THE COUNTY A COPY OF THE NOI WITH A VALID WORD NUMBER.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ADDITIONAL SIGNS AND MARKINGS NOT INCLUDED IN THE SIGNING AND STRIPING PLAN WITHIN THE PROJECT AREAS, OR ON ROADWAYS ADJACENT TO THE PROJECT BOUNDARIES, UPON THE REQUEST OF THE DIRECTOR OF TRANSPORTATION OR HIS DESIGNEE TO IMPROVE TRAFFIC SAFETY ON THE ROADS UNDER THE JURISDICTION OF THE DEVELOPER.
- EXISTING STORM DRAIN PIPES / CULVERTS (WHETHER TO BE CONNECTED TO, EXTENDED, ADJUSTED, DRAINED TO, OR CRUIST IN THE PROJECT VICINITY) MUST BE REPAIRED, AND /OR CLEANED TO MAKE THEM FUNCTIONAL AND ACCEPTABLE AS DIRECTED BY THE TRANSPORTATION DEPARTMENT.
- FOR ALL DRIVEWAY RECONSTRUCTION BEYOND RIGHT-OF-WAY, PROOF OF DRIVEWAY OWNER NOTIFICATION IS REQUIRED PRIOR TO CONSTRUCTION.

COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

STREET AND STORM DRAIN IMPROVEMENT PLAN

PERRIS UNION SCHOOL DISTRICT

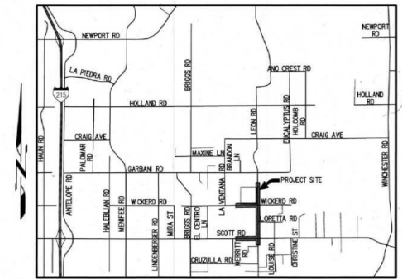
PERRIS HIGH SCHOOL NO. 4

STREET CONSTRUCTION NOTES

- CONSTRUCT 0.45' A.C. OVER 11" CLASS 2 A.B. PER GEOTECHNICAL RECOMMENDATIONS AND AS APPROVED BY COUNTY ENGINEER
- CONSTRUCT 0.50' A.C. OVER 11" CLASS 2 A.B. PER GEOTECHNICAL RECOMMENDATIONS AND AS APPROVED BY COUNTY ENGINEER
- CONSTRUCT 0.55' A.C. OVER 1.30" CLASS 2 A.B. PER GEOTECHNICAL RECOMMENDATIONS AND AS APPROVED BY COUNTY ENGINEER
- CONSTRUCT TYPE A-E CURB, PER COUNTY OF RIVERSIDE STANDARD NO.203
- CONSTRUCT TYPE "D" CURB, PER COUNTY OF RIVERSIDE STANDARD NO.201
- CONSTRUCT SIDEWALK AND CURB PER COUNTY OF RIVERSIDE STANDARD NO. 401
- CONSTRUCT COMMERCIAL DRIVEWAY, WITH SIDEWALK AT CURB, PER COUNTY OF RIVERSIDE STANDARD NO. 207A
- CONSTRUCT 5" ASPHALT CONCRETE OVER PER COUNTY OF RIVERSIDE STANDARD NO. 212
- COLD PLANE MINIMUM 2' AND CONSTRUCT 0.17' MIN. A.C. OVERLAY
- PROTECT IN PLACE
- CONSTRUCT GUTTER DEPRESSION CASE C, PER COUNTY OF RIVERSIDE STANDARD NO. 311
- SAW CUT EXISTING A.C. PAVEMENT PER DETAIL ON SHT. 3
- REMOVE EXISTING OBJECT
- CONSTRUCT CURB OPENING CATCH BASIN PER COUNTY OF RIVERSIDE STANDARD NO. 300
- REMOVE EXISTING A.C. PAVEMENT AND BASE
- CONSTRUCT 10" (856-0-3500) OVER 12" CLASS 1 BASE PER GEOTECHNICAL REPORT RECOMMENDATIONS AND AS APPROVED BY COUNTY ENGINEER
- ADJUST TO GRADE EXISTING ITEM AS SPECIFIED
- CONSTRUCT CURB RAMP PER COUNTY OF RIVERSIDE STANDARD NO. 403, CASE A
- JOIN AND MATCH EXISTING EX. CURB, GUTTER, AND/OR FINISHED SURFACE FINISH
- RELOCATE 5/8" I.D. TELEMETRY WIRE, TEST STATION, AND WITNESS POSTS
- CONSTRUCT TYPE A WINGED HEADWALL PER CALTRANS STANDARD PLAN D90
- CONSTRUCT CMP RISER INLET TYPE X PER RIVERSIDE COUNTY FLOOD CONTROL STD. DWG. NO. 0810E, V-DEPTH PER PLAN

QUANTITY

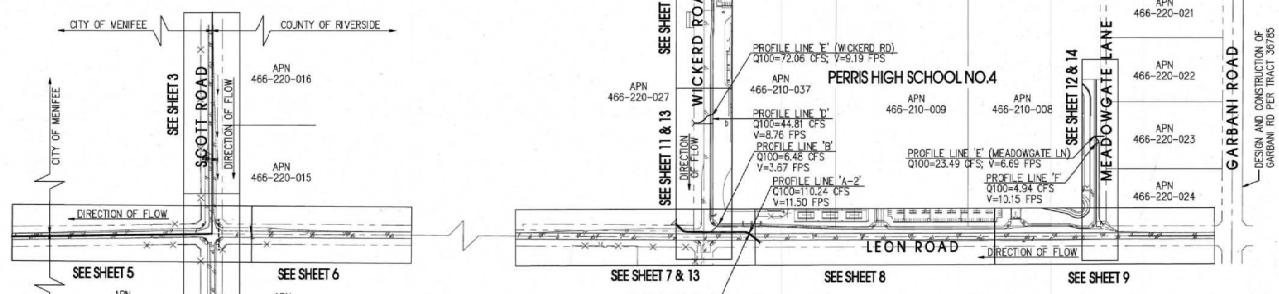
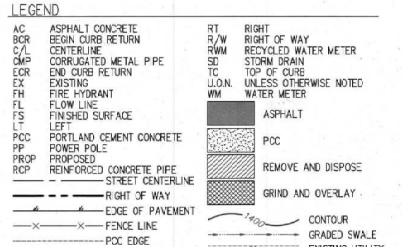
1355 TON A.C.	24-EXTEND EXISTING CMP STORM DRAIN PIPE, DIA. VARIES	32 LF.
1755 C.Y. A.E.	25-INSTALL 42" R.C.P. CLASS IV 2000-D STORM DRAIN PIPE	108 LF.
5740 TON A.C.	26-INSTALL 36" R.C.P. CLASS IV 2000-D STORM DRAIN PIPE	48 LF.
5465 C.Y. A.B.	27-INSTALL 30" R.C.P. CLASS IV 2000-D STORM DRAIN PIPE	9'8 LF.
5465 TON A.C.	28-INSTALL 18" R.C.P. CLASS IV 2000-D STORM DRAIN PIPE	274 LF.
5760 C.Y. A.B. & 4'937	29-INSTALL 24" R.C.P. CLASS IV 2000-D STORM DRAIN PIPE	435 LF.
1989 LF.	30-CUT EXISTING RCP PIPE	2 EA.
2146 LF.	31-CONSTRUCT CONCRETE BULKHEAD PER RFOCD STD. DWG. NO. MB15	1 EA.
551 LF.	32-INSTALL 1/4" TON RRPAAP, 2.7" THICK WITH 0.75" ROCK / 0.75" SAND FILTER BLANKET PER SAN DEW REGIONAL STANDARD DRAWING 0-40, TYPE 2	2529 SF
23032 SQ. FT.	33-CONSTRUCT PARKWAY DRAIN PER RFOCD STA. NO. 309 MODIFIED TO DRAIN FROM STREET FLOWLINE TOWARD SCHOOL PROPERTY AT 1X	4 EA.
3 EA.	34-CONSTRUCT CONCRETE COLLAR AND JOIN PIPES PER RFOCD STD. DWG. NO. 10035	4 EA.
804 LF.	35-FURNISH & INSTALL BARRICADE PER COUNTY OF RIVERSIDE STANDARD NO. 810	1 EA.
105123	36-FURNISH & INSTALL MANHOLE NO. 4 PER RFOCD STANDARD NO. MH254	1 EA.
102222 SQ. FT.	37-FURNISH & INSTALL UNJUNCTION STRUCTURE NO. 2 PER RFOCD STANDARD NO. JS227	2 EA.
102222 SQ. FT.	38-FURNISH & INSTALL MANHOLE NO. 2 PER RFOCD STANDARD NO. MH253	1 EA.
2267 SQ. FT.	39-FURNISH & INSTALL A.C. CONCRETE OVERSIDE DRAIN PER CO. RIVERSIDE STD. NO. 306	1 EA.



VICINITY MAP
SECTION 13, T6S, R2W, S26W
NCT TO SCALE

APPLICANT/OWNER:
PERRIS UNION HIGH SCHOOL DISTRICT
155 EAST 4th STREET
PERRIS, CALIFORNIA 92573
951-943-3369

PREPARED BY:
EPIC ENGINEERS
101 E. REDLANDS BOULEVARD
SUITE 140
REDLANDS, CALIFORNIA 92373
909-792-5969



CITY OF MENIFEE
ENGINEERING DEPARTMENT
Jonathan Smith 01-17-20
JONATHAN SMITH RCE 61263 DATE
DIRECTOR OF PUBLIC WORKS/
CITY ENGINEER
Robert Blough 1-17-20
RECOMMENDED BY: DATE



NOTE:
WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED.

The small engineer signing these plans is responsible for ensuring the accuracy and acceptability of the design herein. In the event of discrepancies arising after contract award or during construction, the signee engineer shall be responsible for determining or acceptable solution and notifying the plans for approval by the county.

MARK	BY	DATE	REVISIONS	APPR.	DATE	COUNTY
Δ	ACB	11/19/21	REVISED TAPER LENGTH AND STRIPING OF SCOTT RD TO EAST OF LEON ROAD. REDUCED LEFT TURN QUEUE LENGTH TO 110'. REPLACED SHEET 2 & 4 WITH SHEETS 2A & 4A	DEL	1/10/21	



EPIC ENGINEERS
CIVIL ENGINEERING | LAND SURVEYING | PLANNING | STRATEGIC MANAGEMENT
111 E. REDLANDS BOULEVARD
SUITE 140
REDLANDS, CA 92373
TEL: 909.792.5969
FAX: 909.792.8869
WWW.EPICENGINEERS.COM

TROY DAVID MCLAUGHLIN P.E. NO. 59118 DATE 1/10/21

BENCHMARK: COUNTY OF RIVERSIDE
3 1/4" ALUMINUM DISK STAMP
RIVERSIDE, CA, BENCH MARK
N-140-85' AT THE "T" INTER-
SECTION OF ELM AND THIS AVE. AND
16' WELY ALONG HOLLAND RD. AND
16' WELY ALONG HOLLAND RD. AND
33 FEET SLY. OF CL HOLLAND.
ELEV: 1446.482
SCALE: H: V:

INDEX OF SHEETS
1-2 TITLE SHEET, TYPICAL STREET SECTIONS
3-12 PLAN AND PROFILE
13-14 STORM DRAIN
1-5 SIGNING AND STRIPING PLAN
1-5 TRAFFIC SIGNAL AND LIGHTING PLAN
1 STREET LIGHT PLAN

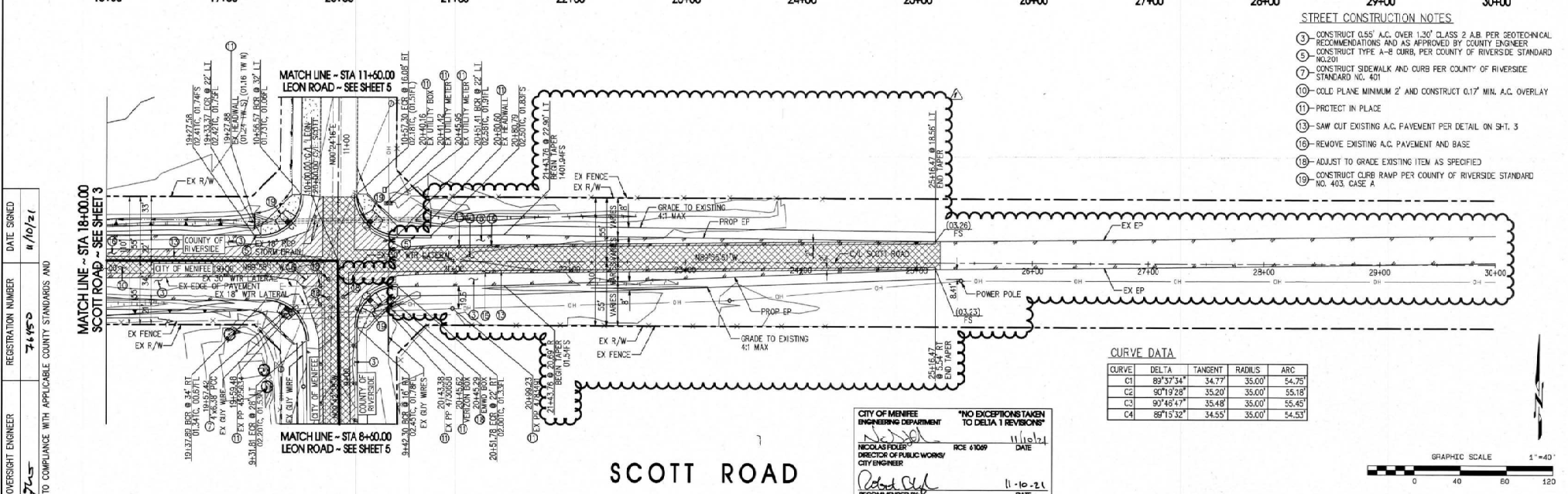
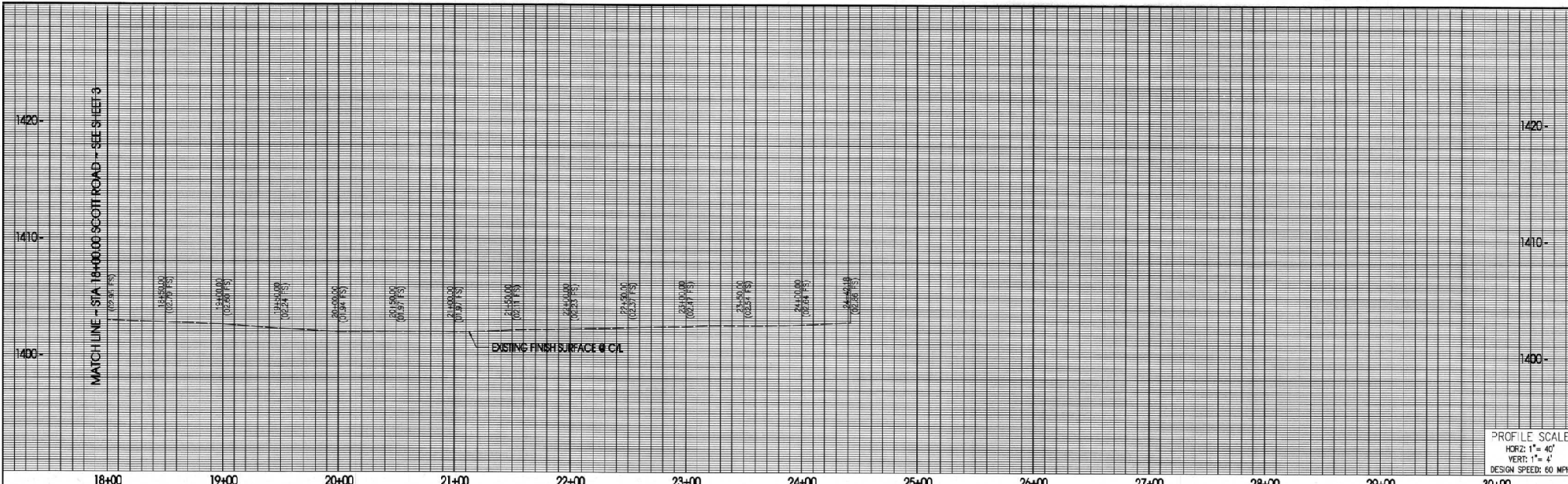
WID #

MS 4314 I.P. NO. 160020
COUNTY OF RIVERSIDE
STREET IMPROVEMENT PLAN
TITLE SHEET

FOR: PERRIS UNION SCHOOL DISTRICT
FILE NO. 968-RR

SHEET NO. 1
OF 14 SHEETS

DATE SIGNED 9/5/20
REGISTRATION NUMBER 76450
COUNTY OVERSIGHT ENGINEER
APPROVED AS TO COMPLIANCE WITH APPLICABLE COUNTY STANDARDS AND PRACTICES.



RECORD: *EC*

COUNTY OVERSIGHT ENGINEER: *85-71-25*

REGISTRATION NUMBER: 74450

DATE SIGNED: 11/10/21

DIGALERT

NOTE: WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED.

NO EXCEPTIONS TAKEN TO DELTA 1 REVISIONS*

CITY OF MENIFEE ENGINEERING DEPARTMENT
 RICE 61069
 DATE: 11/10/21

EPIC ENGINEERS

CIVIL ENGINEERING, LAND SURVEYING, PLANNING, & WATER MANAGEMENT
 111 N. HOLLAND BOULEVARD, SUITE 114
 REDLANDS, CA 92373
 TEL: 909.771.8988
 WWW.EPICOR.CA

REVISIONS:

NO.	BY	DATE	DESCRIPTION
1	ACB	11/29/21	REVISED TAPER LENGTH AND STRIPING OF SCOTT RD. TO EAST OF LEON ROAD. REDUCED LEFT TURN QUEUE LENGTH TO 110'. REPLACED SHEETS 2 & 4 WITH SHEETS 2A & 4A

MARK BY DATE: _____

ENGINEER: _____

APPR. DATE: _____

COUNTY: _____

SEAL - ENGINEER

RECOMMENDED BY: *David Magaig*

R.C.E. NO. 59118

DATE: 11/9/21

GRAPHIC SCALE 1" = 40'

BENCHMARK: COUNTY OF RIVERSIDE
 3" 11/4" ALUMINUM DISK STAMP
 RIVERSIDE, CALIFORNIA
 M-140-53 AT THE INTERSECTION OF EDGAR PETERSON AVE. & HOLLAND RD. 15' WLY ALONG HOLLAND RD. 15' WLY ALONG HOLLAND AND 33 FEET SLY OF CL HOLLAND.

ELEV. 1445.482

SCALE: _____ V. _____

MS 4314 I.P. NO. 160020

COUNTY OF RIVERSIDE
 STREET IMPROVEMENT PLAN
 SCOTT ROAD - PLAN AND PROFILE

FOR: PERRIS UNION SCHOOL DISTRICT

FILE NO. 968-RR

SHEET NO. 4A

OF 14 SHEETS

SIGNING AND STRIPING GENERAL NOTES

1. ALL MATERIAL AND WORK SHALL CONFORM TO THE LATEST EDITION OF COUNTY OF RIVERSIDE STANDARD PLANS, CALTRANS STANDARD PLANS AND STANDARD SPECIFICATIONS, AND CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
2. ALL TRAFFIC STRIPES, PAVEMENT MARKINGS AND SIGNS SHALL BE REFLECTORIZED AND IN STANDARD SIZE. ALL STRIPING AND MARKING DETAILS SHALL MATCH CALTRANS STANDARD PLANS DETAILS. STENCILS FOR PAVEMENT MARKING SHALL MATCH CALTRANS STANDARD PLANS.
3. THE CONTRACTOR SHALL REMOVE ALL CONFLICTING STRIPES, PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS IN ACCORDANCE WITH THE PLANS AND AS DIRECTED BY THE ENGINEER. WORD OR SYMBOL PAVEMENT MARKINGS SHALL BE REMOVED BY SANDBLASTING OR GRINDING A RECTANGULAR AREA COVERING THE WHOLE MARKING.
4. ALL CROSSWALKS SHALL HAVE 10 FEET IN BETWEEN THE 12-INCH WHITE OR YELLOW STRIPES.
5. ALL DOUBLE YELLOW STRIPES SHALL HAVE 3-INCH PAINTED BLACK LINE SEPARATING THE YELLOW STRIPES.
6. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC STRIPES, RAISED PAVEMENT MARKERS (RPMs), PAVEMENT MARKINGS, AND SIGNS IN ACCORDANCE WITH THE PLANS AND AS DIRECTED BY THE ENGINEER.
7. ALL PAVEMENT MARKINGS INCLUDING CROSSWALKS, LIMIT LINES, AND STOP BARS SHALL BE APPLIED WITH THERMOPLASTIC MATERIAL. ALL OTHER TRAFFIC STRIPES SHALL BE PAINTED IN TWO COATS.
8. ALL RPMs SHALL BE INSTALLED WITHIN SEVEN WORKING DAYS OF ROADWAY STRIPING. ALL EXISTING RPMs WITHIN THE PROJECT AREA SHALL BE REPLACED IN KIND OR REMOVED IN ACCORDANCE WITH THE PLANS, OR AS DIRECTED BY THE ENGINEER.
9. THE CONTRACTOR SHALL INSTALL STANDARD SIZE SIGN PANEL ON 2" SQUARE PERFORATED STEEL TUBE POST WITH TWO PIECE ANCHOR AND SLEEVE FASTENED WITH 3/8" PIVETS WITH STAINLESS STEEL WASHERS, UNLESS OTHERWISE NOTED. THE EXACT LOCATION OF ALL SIGNS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
10. THE CONTRACTOR SHALL REMOVE SIGNS IN ACCORDANCE WITH THE PLANS AND AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL DELIVER REMOVED SIGNS TO THE COUNTY YARD OR AS DIRECTED BY THE ENGINEER.

COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

SIGNING AND STRIPING PLAN

PERRIS UNION SCHOOL DISTRICT

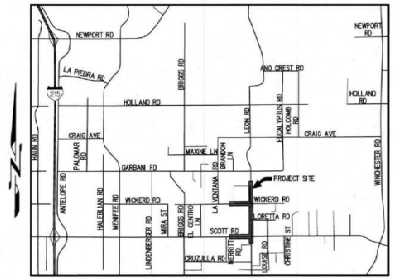
PERRIS HIGH SCHOOL NO. 4

CONSTRUCTION NOTES & QUANTITIES

NO.	DESCRIPTION	QUANTITY
1	REMOVE EXISTING STRIPING, RPMs, OR PAVEMENT MARKINGS	1,815 SF
2	PAINT 4" DOUBLE YELLOW CENTERLINE STRIPE PER CALTRANS STD A20A, DETAIL 22	6,621 LF
3	PAINT 6" SOLID WHITE CHANNELIZATION STRIPE PER CALTRANS STD A20D, DETAIL 38	3,009 LF
4	APPLY WHITE THERMOPLASTIC TYPE IV ARROW PER CALTRANS STD A24A	35 EA
5	PAINT 4" SOLID WHITE EDGELINE STRIPE PER CALTRANS STD A20E, DETAIL 27B	12,216 LF
6	APPLY SOLID 12" THERMOPLASTIC LINE (YELLOW CROSSWALK OR WHITE LIMIT LINE) PER CALTRANS STD PLAN A24E	14,666 LF
7	FURNISH AND INSTALL NEW SIGN(S) SIZE PER MUTCD STANDARDS (35" SQUARE TYP) ON A 2" SQUARE PERFORATED STEEL TUBE POST	37 EA
8	APPLY WHITE THERMOPLASTIC PAVEMENT MARKING "SIGNAL AHEAD" PER CALTRANS STD A24D	19 EA
9	APPLY WHITE THERMOPLASTIC STRIPE PER CALTRANS STD A20C, DETAIL 37B	3,485 LF
10	PAINT 4" WHITE LANE LINE EXTENSION PER CALTRANS STD A20D, DETAIL 40	3,772 LF
11	REMOVE EXISTING POST AND/OR SIGN AND SALVAGE TO COUNTY YARD	12 EA
12	PROTECT IN PLACE	
13	APPLY WHITE THERMOPLASTIC TYPE I ARROW PER CALTRANS STD. A24A	4 EA
14	PAINT 4" WHITE LANE LINE STRIPE PER CALTRANS STD. A20A, DETAIL 12	1,601 LF
15	PAINT 4" DOUBLE YELLOW CENTERLINE STRIPE PER CALTRANS STD. A20B, DETAIL 29	1,673 LF
16	APPLY WHITE THERMOPLASTIC TYPE VI ARROW PER CALTRANS STD. A24A	3 EA
17	PAINT 4" YELLOW LANE LINE EXTENSION PER CALTRANS STD. A20D, DETAIL 41	123 LF
18	PAINT 4" SOLID WHITE LEAD-IN STRIPE AND INSTALL TYPE G RAISED PAVEMENT MARKERS AT 25' O.C. 2' FROM RIGHT SIDE OF STRIPE	403 LF
19	PAINT 6" WHITE CHEVRON STRIPES SPACED AT 20' O.C.	12 EA
20	PAINT 4" WHITE LINE AT 4' O.C.	9 EA

LEGEND:

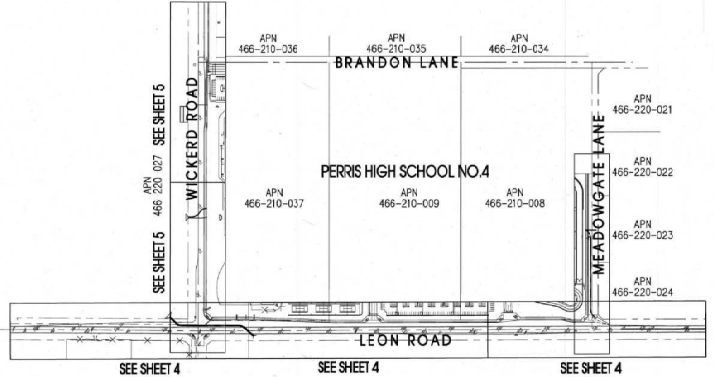
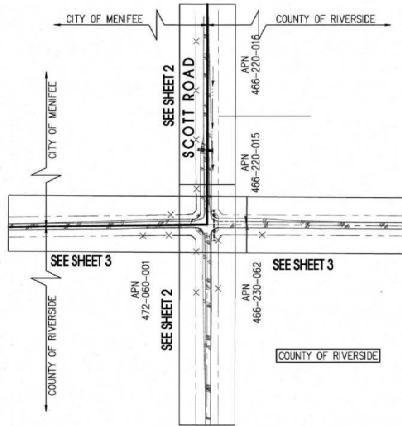
AC	PROPOSED STRIPING ASPHALT CONCRETE
C/L	CENTERLINE
EP	EDGE OF PAVEMENT
EX	EXISTING
FH	FIRE HYDRANT
P/L	PROPERTY LINE
PP	POWER POLE
PROP	PROPOSED
RPMs	REFLECTIVE PAVEMENT MARKERS
R/W	RIGHT OF WAY
TB	TOP OF BERM



VICINITY MAP
SECTION 18, T6S, R20W, S30N
NOT TO SCALE

APPLICANT/OWNER:
PERRIS UNION HIGH SCHOOL DISTRICT
155 EAST 4TH STREET
PERRIS, CALIFORNIA 92570
951-943-6369

PREPARED BY:
EPIC ENGINEERS
101 E. SEALANS BOULEVARD
SUITE 140
REDLANDS, CALIFORNIA 92373
909-792-5969



INDEX MAP
SCALE: 1"=300'

PLAN CHECK OVERSIGHT ENGINEER	REGISTRATION NUMBER	DATE SIGNED
<i>Beagle</i>	74-VLS	9/13/20
APPROVED AS TO CONFORMANCE WITH APPLICABLE COUNTY STANDARDS AND PRACTICES.		
REGID		

CITY OF MENEFEE
ENGINEERING DEPARTMENT
Jonathan G. Smith 01/17/20
JONATHAN G. SMITH RCE 01283 DATE
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER
Robert O'Leary 1-17-20
RECOMMENDED BY: DATE



NOTE:
WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED.
The private engineer signing these plans is responsible for ensuring the accuracy and acceptability of the design herein. In the event of discrepancy during other county approval or during construction, the private engineer shall be responsible for determining an acceptable solution and resubmitting the plans for approval by the county.

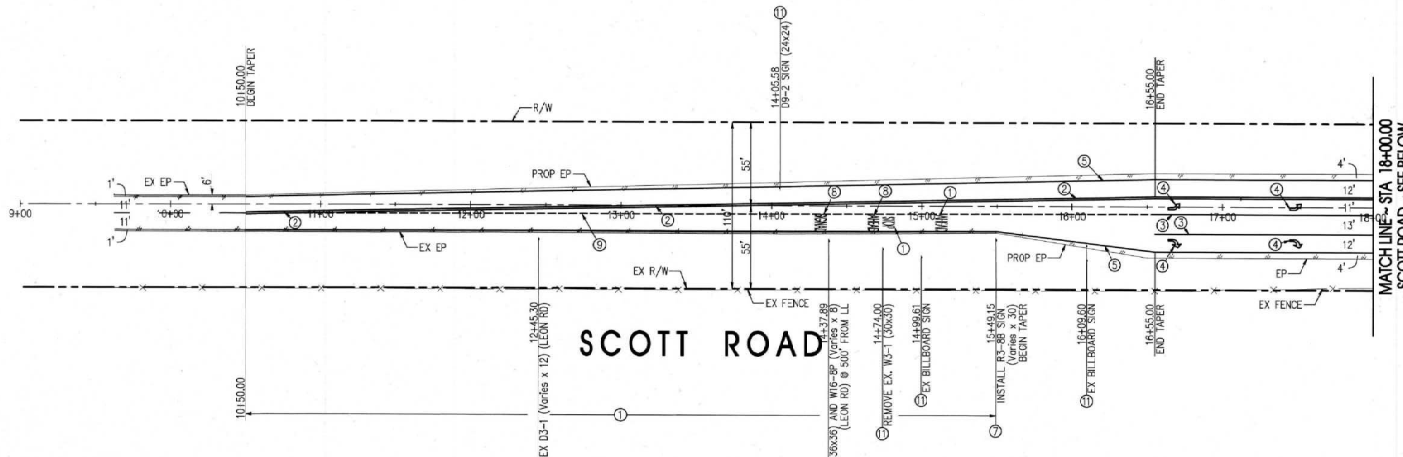
MARK	BY	DATE	REVISIONS	APPR.	DATE
ACB		11/9/21	REVISED TAPER LENGTH AND STRIPING OF SCOTT RD. TO EAST OF LEON ROAD. REDUCED LEFT TURN QUEUE LENGTH TO 110'. REPLACED SHEETS 2 & 4 WITH SHEETS 2 & 4 A		

SEAL-ENGINEER

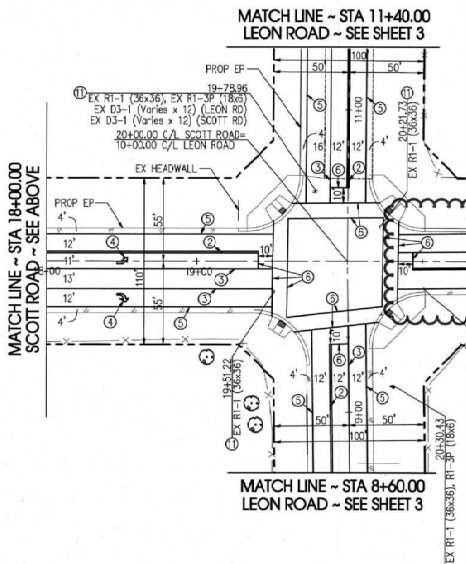
EPIC ENGINEERS
CIVIL ENGINEERING | LAND SURVEYING | PLANNING | STORMWATER MANAGEMENT
101 E. SEALANS BOULEVARD
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REDLANDS, CA 92373
TEL: 909.792.5969
FAX: 909.792.5968
WWW.EPICENGINEERS.COM

David Molajic
TRG DAVID MOLAJIC R.C.E. NO. 59118 1/10/20 DATE

BENCHMARK:	MS 4314 I.P. NO. 160020	SHEET NO.	1
COUNTY OF RIVERSIDE		OF 5 SHEETS	
SIGNING AND STRIPING PLAN			
TITLE SHEET			
SCALE: H _____ V _____	FOR: PERRIS UNION SCHOOL DISTRICT	W.O.	COUNTY FILE NO. 968-RR



- CONSTRUCTION NOTES**
- ① REMOVE EXISTING STRIPING, RWPS, OR PAVEMENT MARKINGS
 - ② PAINT 4" DOUBLE YELLOW CENTERLINE STRIPE PER CALTRANS STD A20A, DETAIL 22
 - ③ PAINT 8" SOLID WHITE CHANNELIZATION STRIPE PER CALTRANS STD A203, DETAIL 3E
 - ④ APPLY WHITE THERMOPLASTIC TYPE IV ARROW PER CALTRANS STD A24A
 - ⑤ PAINT 4" SOLID WHITE EDGELINE STRIPE PER CALTRANS STD A20B, DETAIL 27B
 - ⑥ APPLY SOLID 12" THERMOPLASTIC LINE (YELLOW CROSSWALK OR WHITE LIMIT LINE) PER CALTRANS STD PLAN A24E
 - ⑦ FURNISH AND INSTALL NEW SIGN(S) SIZE PER MUTCD STANDARDS (36" SQUARE TYP) ON A 2" SQUARE PERFORATED STEEL TUBE POST
 - ⑧ APPLY WHITE THERMOPLASTIC PAVEMENT MARKING "SIGNAL AHEAD" PER CALTRANS STD A24D
 - ⑨ APPLY WHITE THERMOPLASTIC STRIPE PER CALTRANS STD A20C, DETAIL 37B
 - ⑩ REMOVE EXISTING POST AND/OR SIGN AND SALVAGE TO COUNTY YARD



MATCH LINE - STA 11+40.00
LEON ROAD - SEE SHEET 3

MATCH LINE - STA 8+60.00
LEON ROAD - SEE SHEET 3

SCOTT ROAD

RELOCATE W16-SP (Varies x 8) TO THE BOTTOM OF W3-3 (36x36)

PLAN CHECK OVERSIGHT ENGINEER	REGISTRATION NUMBER	DATE SIGNED
<i>AS-22</i>	76450	11/10/21
APPROVED AS TO CONFORMANCE WITH AFFICABLE COUNTY STANDARDS AND PRACTICES		
RECORD		



NOTE:
WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED.
The streets engineer signing these plans is responsible for ensuring the accuracy and acceptability of the design herein. In the event of discrepancies arising after county approval or during construction, the streets engineer shall be responsible for determining an acceptable solution and making the plans for approval by the county.

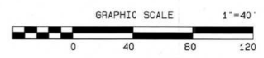
MARK	BY	DATE	REVISIONS	APPR.	DATE



CITY OF MENIFEE
ENGINEERING DEPARTMENT
"NO EXCEPTIONS TAKEN TO DELTA 1 REVISIONS"
NICOLAS FOLGER RCE 61069 DATE 11/10/21
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER
RECOMMENDED BY *Robert M. Laug* DATE 11-10-21

EPIC ENGINEERS
CIVIL ENGINEERING (LAND SURVEYING) PLANNING ESTIMATOR MANAGEMENT
111 E. REDLANDS BUILDING, SUITE 14
REDLANDS, CA 91273
TEL: 909.792.9449
WWW.EPICENGINEERS.COM
1707 DAVID MOLAUC R.C.E. NO. 59116 DATE 11/19/21

BENCH-MARK:	MS 4314 I.P. NO. 160020	SHEET NO. 2A
SCALE:	COUNTY FILE NO. 918-RR	OF 5 SHEETS
FOR: PERRIS UNION SCHOOL DISTRICT	NO.	





PCO #28-035

Project: 0483-01 - Perris High School No. 4
 32255 Leon Road
 Winchester, California 92596

Potential Change Order #28-035: CE #484 - Remove & Replace Curb Ramp - SW Corner Scott & Leon

CONTRACT COMPANY:	Roadway Engineering & Contracting, Inc. 10966 Banana Avenue Fontana California, 92337	CONTRACT FOR:	C-0483-01-028 - Offsite Street Improvements
PCO NUMBER/REVISION:	28-035 / 0	CREATED BY:	Jeff Nicholson (Neff Construction, Inc.)
REQUEST RECEIVED FROM:		CREATED DATE:	2/18 /2022
STATUS:	Pending - Pricing In Review		
REFERENCE:			
FIELD CHANGE:	No	ACCOUNTING METHOD:	Amount Based
LOCATION:		PAID IN FULL:	No
SCHEDULE IMPACT:		TOTAL AMOUNT:	\$0.00

POTENTIAL CHANGE ORDER TITLE: CE #484 - Remove & Replace Curb Ramp - SW Corner Scott & Leon

CHANGE REASON: No Change Reason

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*

CE #484 - Remove & Replace Curb Ramp - SW Corner Scott & Leon

Remove and replace the southwest curb ramp at Scott & Leon as Directed by the County of Riverside

ATTACHMENTS:

#	Cost Code	Description	Type	Amount
1	50-28000 - Offsite Street Improvements	R&R Curb Ramp	Commitment	\$ 8,760.00
2	50-28001 - Offsite Street Improvements - Allowance	Draw from Allowance	Commitment	(\$8,760.00)
Subtotal:				\$0.00
Grand Total:				\$0.00

By signing below signatory recognizes and accepts the above dollar value contract adjustment

Owner's Representative

Architect

See CCO #28-013 for approval signatures

 Print Sign Date

 Print Sign Date

Construction Manager

Prime Contractor

 Print Sign Date

 Print Sign Date

ROADWAY ENGINEERING & CONTRACTING INC.

General Engineering Contractor

License #874044

May 2, 2022

Perris Union High School District
155 E 4th Street
Perris, CA 92570

Attention: Jeff Nicholson

Reference: Perris HS #4 - Cat #28 Off-Site Improvements
Menifee, CA

Regarding: Change Order Request #013 – R&R Curb Ramp @ SW Corner of Scott &
Leon

Mr. Nicholson,

As per the requirement of the County of Riverside, the price for the to remove and replace /enlarge the curb ramp at the southwest corner of Scott Rd & Leon Rd. is **\$8,760.00**. See the attached itemized cost breakdown for this work.

If the above price is acceptable, please issue a contract change order for this amount. You can call me with any questions at (951) 360-0033.

Sincerely,
ROADWAY ENGINEERING



Eric Alvarez

Details Report For : PERRIS HS #4 - CAT #28 OFF-SITE IMPROVEMENTS

ERIC ALVAREZ

05/02/2022

Ph. CO	CHANGE ORDERS	Quantity	U/M	Unit Cost	Total Cost	Margin%	Unit Price	Total Price
Item 22		1.0	LS	\$7,964.320	\$7,964.32	9.99	\$8,760.000	\$8,760.00

Description R&R CURB RAMP @ SW CORNER SCOTT & LEON

Activity	REMOVE / GRADE / FORM / POUR HC RAMP	Crew	THREE (3) MEN CONCRETE CREW	Activity Qty	1.00 LS
Day:	0.50 LS		Labor	2.00	Total Cost: \$7,964.32
Hour:	0.10 LS		Equipment	2.00	Unit Cost: \$7,964.320
			Actual:	2.00	

Labor		Quantity	Hours	Days	Unit Cost	
MAS	CEMENT MASON	2.00	8.00 HR	2.00	85.820	\$2,746.24
4MPCC	FOREMAN CONCRETE WORK	1.00	8.00 HR	2.00	87.380	\$1,398.08
The total contains overtime cost of:				0.00	Total	\$4,144.32

Equipment		Quantity	Hours	Days	Unit Cost	
TRFORM	FORM TRUCK	1.00	8.00 HR	2.00	40.000	\$640.00
TRCREW	CREW TRUCK	1.00	8.00 HR	2.00	25.000	\$400.00
BCATB	BOBCAT/BREAKER	1.00	8.00 HR	1.00	135.000	\$1,080.00
					Total	\$2,120.00

Material		Quantity	Unit Cost		
CON5.5	CONCRETE 5.5 SACK	10.00	95.000	\$950.00	
CONLOD	CONCRETE LOAD ENVIRO CHARGE	1.00	400.000	\$400.00	
TRNC-1	3'X4' TRUNCATED DOMES - CAST-IN PLACE	1.00	350.000	\$350.00	
				Total	\$1,700.00

**Act
Note:**

Jeff Nicholson

From: Jeff Nicholson
Sent: Friday, February 18, 2022 3:17 PM
To: 'Hector Gonzalez'
Cc: 'Buddy Gessel'; 'Chad Burian'; Scott Barry; 'Chad Goodwin'
Subject: RE: Scott Rd.Leon Rd

Hector

Based on our telephone conversation, Neff will direct Roadway to proceed with the County required curb ramp revision at the SW corner of Scott & Leon.

Work will be tracked on a time & material basis

Thank you

JEFF NICHOLSON

Project Manager

 P: (909) 947-3768 | C: (909) 239-3612
F: (909) 947-3823

 WWW.NEFFCON.COM

 1701 S. Bon View Ave. | Ontario, CA 91761

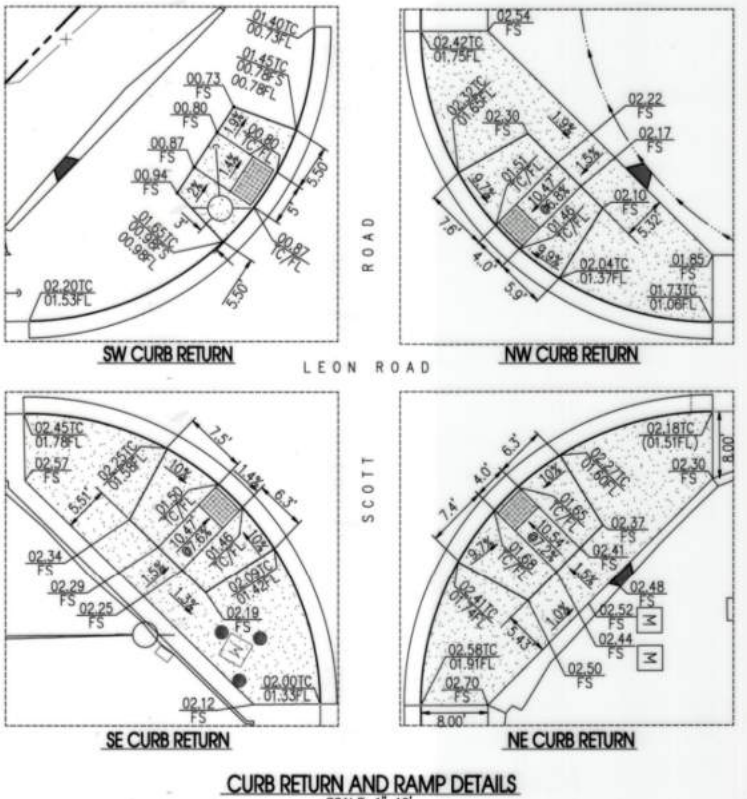
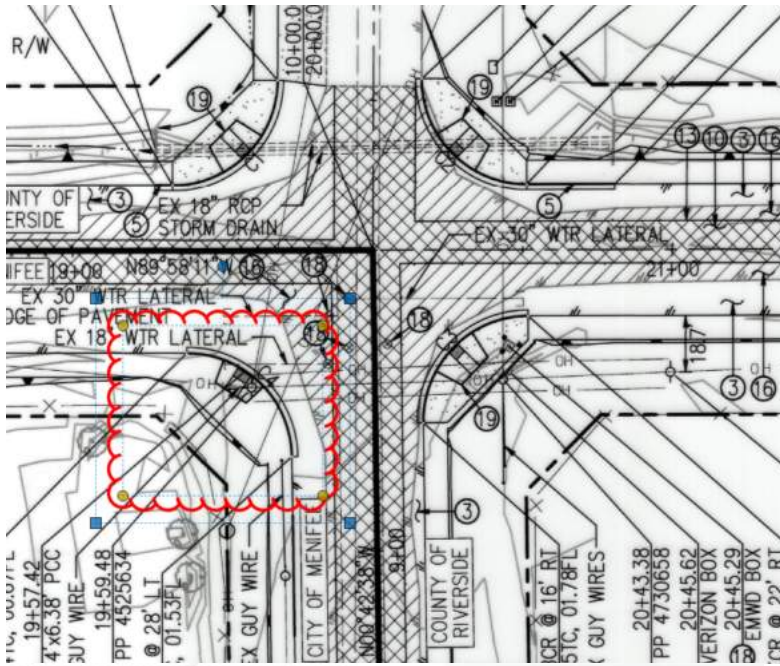


From: Jeff Nicholson
Sent: Friday, February 18, 2022 3:01 PM
To: Hector Gonzalez <hector.gonzalez@puhsd.org>; 'Chad Goodwin' <chad.goodwin@puhsd.org>
Cc: Buddy Gessel <bgessel@dlrgroup.com>; 'Chad Burian' <chad@epicrce.com>; Scott Barry <scottb@neffcon.com>
Subject: FW: Scott Rd.Leon Rd
Importance: High

Hector & Chad

Neff was informed today of the email below from Alec Yzaguirre, County of Riverside Principal Engineering Technician and Delaney Davezan, Traffic Signal Supervisor. The email is requesting additional concrete be placed at the southwest corner of Scott & Leon.

Since the writing of that email, the County has revised the direction to remove what has been placed at the southwest corner and construct a handicap curb ramp identical to the other 3 corners (Construction Note 19 rather than Construction Note 7)



As discussed in yesterday's meeting, the traffic signals are scheduled to be turned on Friday 2/25/22. The County will not allow the traffic signal turn on unless the changes are made to the SW corner.

With the District's permission, I intend to cut loose Roadway Engineers to proceed on a Time & Material basis. Please let me know your thoughts ASAP.

Thanks

JEFF NICHOLSON
Project Manager

 P: (909) 947-3768 | C: (909) 239-3612
 F: (909) 947-3823
 WWW.NEFFCON.COM
 1701 S. Bon View Ave. | Ontario, CA 91761



From: Eric Alvarez <eric@roadwayengineering.com>
Sent: Friday, February 18, 2022 2:35 PM
To: Jeff Nicholson <jnicholson@neffcon.com>
Subject: FW: Scott Rd.Leon Rd

Eric Alvarez
Roadway Engineering
10966 Banana Ave.
Fontana, CA 92337
909-346-0033
909-346-0063 Fax

From: Yzaguirre, Alec <AYZAGUIR@RIVCO.ORG>
Sent: Thursday, February 17, 2022 9:13 AM
To: Eric Alvarez <eric@roadwayengineering.com>
Subject: FW: Scott Rd.Leon Rd

Eric,

Please see below. We need to encase the PED button and poles with concrete/sidewalk before signals can be energize.



ALEC M. YZAGUIRRE
Principal Engineering Technician
Permit Division
County Administration Center
4080 Lemon St. 8th Fl, Riverside, CA 92501
P.O. Box 1090, Riverside, CA 92502-1090
Office: 951-955-6790
Mobile: 951-333-0625
Email: ayzaguir@rivco.org

How are we doing? Click the Link and Tell us!



From: Davezan, Delaney <DDAVEZAN@RIVCO.ORG>

Sent: Thursday, February 17, 2022 9:09 AM

To: Acuna, Dennis <DACUNA@RIVCO.ORG>; Yzaguirre, Alec <AYZAGUIR@RIVCO.ORG>

Cc: Vombaur, Susan <SVOMBAUR@RIVCO.ORG>; Maxwell, Ward <WMAXWELL@RIVCO.ORG>; Wachi, Cindi <CWACHI@RIVCO.ORG>; Wampler, Cathy <CWAMPLER@RIVCO.ORG>; Mendoza, Claudia <CMENDOZA@RIVCO.ORG>; Cummings, Jack <JCUMMING@RIVCO.ORG>

Subject: Re: Scott Rd.Leon Rd

Alec,

The pedestrian push buttons are not accessible at SWC. The concrete need to extended to the signal poles. Please look in to this issue.



Thank you ,

Delaney Davezan
Sent from my iPhone

On Feb 17, 2022, at 6:45 AM, Davezan, Delaney <DDAVEZAN@rivco.org> wrote:

Alec,

We normally direct contractors to stripe crosswalks for new signalized intersection the day planned to be energized / turned-on. So we don't have to evaluate various possible conditions that are contingent upon the application of several principles to meet being ADA - Compliant per corner for pedestrians to cross.

Regards,

Delaney Davezan
Traffic Signal Supervisor
County of Riverside- Transportation Dept.
951.955.6894 office
951.232.7293 cell



From: Acuna, Dennis <DACUNA@RIVCO.ORG>
Sent: Wednesday, February 16, 2022 11:20 AM
To: Yzaguirre, Alec <AYZAGUIR@RIVCO.ORG>; Davezan, Delaney <DDAVEZAN@RIVCO.ORG>
Cc: Vombaur, Susan <SVOMBAUR@RIVCO.ORG>; Maxwell, Ward <WMAXWELL@RIVCO.ORG>; Wachi, Cindi <CWACHI@RIVCO.ORG>; Wampler, Cathy <CWAMPLER@RIVCO.ORG>; Mendoza, Claudia <CMENDOZA@RIVCO.ORG>; Cummings, Jack <JCUMMING@RIVCO.ORG>
Subject: RE: Striping Crosswalks at Signalized Intersection Before or After Turn-on?

Good morning Alec.

Each location should be evaluated individually, but in general, all striping should be installed per plan prior to the signal being energized.

If the location has existing control (all-way stop signs), the installation of marked crosswalks before the signal is ready to be energized should not be an issue. In regards to intersections without existing control, legal crosswalks exist even if not marked by a painted crosswalk. With that being said, it comes down to determining an acceptable time frame between when the crosswalks are painted and the time the signal is ready to be energized. This timeframe should be coordinated directly with our Traffic Signal Operations Group.

Thank you.

From: Yzaguirre, Alec <AYZAGUIR@RIVCO.ORG>
Sent: Wednesday, February 16, 2022 10:47 AM

To: Acuna, Dennis <DACUNA@RIVCO.ORG>; Davezan, Delaney <DDAVEZAN@RIVCO.ORG>
Cc: Vombaur, Susan <SVOMBAUR@RIVCO.ORG>; Maxwell, Ward <WMAXWELL@RIVCO.ORG>; Wachi, Cindi <CWACHI@RIVCO.ORG>; Wampler, Cathy <CWAMPLER@RIVCO.ORG>; Mendoza, Claudia <CMENDOZA@RIVCO.ORG>; Cummings, Jack <JCUMMING@RIVCO.ORG>
Subject: Striping Crosswalks at Signalized Intersection Before or After Turn-on?

Good morning all,

I had a question come up regarding the striping of crosswalks within a signalized intersection prior to the energization of the signals. After doing some research, I have received various feedback.

For clarity, what is our stance on crosswalk striping timing in relationship to signal turn-ons? Should the x-walks be in PRIOR to turn-on? Or should the signal/PED button be operational BEFORE the x-walks are placed?

I personally have seen x-walks be placed before the turn-on, as I believe the Signal Shop will not conduct a turn-on unless all of the striping is placed,

Your input is much appreciated-



ALEC M. YZAGUIRRE
Principal Engineering Technician
Permit Division
County Administration Center
4080 Lemon St. 8th Fl, Riverside, CA 92501
P.O. Box 1090, Riverside, CA 92502-1090
Office: 951-955-6790
Mobile: 951-333-0625
Email: ayzaquir@rivco.org

How are we doing? Click the Link and Tell us!



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[County of Riverside California](#)



Project: 0483-01 - Perris High School No. 4
 32255 Leon Road
 Winchester, California 92596

Potential Change Order #28-036: CE #485 - RFI#1222: Riser Inlet at Leon and Meadowgate

CONTRACT COMPANY:	Roadway Engineering & Contracting, Inc. 10966 Banana Avenue Fontana California, 92337	CONTRACT FOR:	C-0483-01-028 - Offsite Street Improvements
PCO NUMBER/REVISION:	28-036 / 0	CREATED BY:	Jeff Nicholson (Neff Construction, Inc.)
REQUEST RECEIVED FROM:		CREATED DATE:	2/23 /2022
STATUS:	Pending - In Review		
REFERENCE:			
FIELD CHANGE:	No	ACCOUNTING METHOD:	Amount Based
LOCATION:		PAID IN FULL:	No
SCHEDULE IMPACT:		TOTAL AMOUNT:	\$0.00

POTENTIAL CHANGE ORDER TITLE: CE #485 - RFI#1222: Riser Inlet at Leon and Meadowgate

CHANGE REASON: No Change Reason

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*

CE #485 - RFI#1222: Riser Inlet at Leon and Meadowgate
 Add asphalt concrete dike at CMP riser on Leon Road as noted in RFI 1222

ATTACHMENTS:

[RFI #1222 - Riser Inlet at Leon and Meadowgate.pdf](#)

#	Cost Code	Description	Type	Amount
1	50-28000 - Offsite Street Improvements	AC Berm at CMP Riase	Commitment	\$ 3,770.00
2	50-28001 - Offsite Street Improvements - Allowance	Draw from Allowance	Commitment	(\$3,770.00)
Subtotal:				\$0.00
Grand Total:				\$0.00

By signing below signatory recognizes and accepts the above dollar value contract adjustment

Owner's Representative

Architect

See CCO #28-013 for approval signatures

 Print Sign Date

 Print Sign Date

Construction Manager

Prime Contractor

 Print Sign Date

 Print Sign Date

ROADWAY ENGINEERING & CONTRACTING INC.

General Engineering Contractor

License #874044

May 2, 2022

Perris Union High School District
155 E 4th Street
Perris, CA 92570

Attention: Jeff Nicholson

Reference: Perris HS #4 - Cat #28 Off-Site Improvements
Menifee, CA

Regarding: Change Order Request #014 – Install AC Dike per RFI #1222

Mr. Nicholson,

As per the direction given in RFI #1222, the price to install asphalt dike around the inlet at Meadowgate Rd. & Leon Rd. is **\$3,770.00**. See the attached itemized cost breakdown for this work.

If the above price is acceptable, please issue a contract change order for this amount. You can call me with any questions at (951) 360-0033.

Sincerely,
ROADWAY ENGINEERING



Eric Alvarez

Details Report For : PERRIS HS #4 - CAT #28 OFF-SITE IMPROVEMENTS

ERIC ALVAREZ

05/02/2022

Ph. CO	CHANGE ORDERS	Quantity	U/M	Unit Cost	Total Cost	Margin%	Unit Price	Total Price
Item 23		1.0	LS	\$3,427.240	\$3,427.24	10.00	\$3,770.000	\$3,770.00
Description RFI #1222 - AC DIKE @ MEADOWGATE RISER INLET								

Activity	ASPHALT BERM CREW	Crew	ASPHALT BERM CREW	Activity Qty	1.00 LS
	Rate:		Days:		
Day:	1.00 LS	Labor		1.00	Total Cost: \$3,427.24
Hour:	0.10 LS	Equipment		1.00	Unit Cost: \$3,427.240
		Actual:		1.00	

Labor		Quantity	Hours	Days	Unit Cost	
GENFOR	GENERAL FOREMAN	1.00	8.00 HR	1.00	124.000	\$992.00
LAB 1	LABORER GROUP 1	2.00	8.00 HR	1.00	79.890	\$1,278.24
The total contains overtime cost of:				0.00	Total	\$2,270.24

Equipment		Quantity	Hours	Days	Unit Cost	
BERM M	BERM MACHINE	1.00	8.00 HR	1.00	35.000	\$280.00
TRPU	PICKUP TRUCK	1.00	8.00 HR	1.00	14.000	\$112.00
					Total	\$392.00

Material		Quantity	Unit Cost		
ACBERM	AC BERM MIX	8.00	95.000	\$760.00	
ACENVR	ASPHALT ENVIRONMENTAL	1.00	5.000	\$5.00	
				Total	\$765.00



Neff Construction, Inc.
California

Project: 0483-01 - Perris High School No. 4
32255 Leon Road
Winchester, California 92596

Riser Inlet at Leon and Meadowgate

TO:	Aron Chad Burian (Epic Engineers, Inc.) Buddy Gessel (DLR Group / Baker Nowicki)	FROM:	Scott Barry (Neff Construction, Inc.) 1701 South Bon View Avenue Ontario, California 91761
DATE INITIATED:	02/03/ 2022	STATUS:	Closed on 02/23/22
LOCATION:	Offsite Street Improvements	DUE DATE:	02/10/2022
COST CODE:		REFERENCE:	
COST IMPACT:	TBD	SCHEDULE IMPACT:	TBD
DRAWING NUMBER:		SPEC SECTION:	
LINKED DRAWINGS:			
RECEIVED FROM:	Scott Barry (Neff Construction, Inc.)		
COPIES TO:	Jaime Cheeney (Neff Construction, Inc.), Jason James (TYR, Inc.), Lucas James (TYR, Inc.), Jeff Nicholson (Neff Construction, Inc.)		

Question from Scott Barry (Neff Construction, Inc.) at 02:39 PM on 02/03/2022

At the North-West corner of Leon Road and Meadowgate Lane, Civil drawings specify the installation of a CMP riser inlet per Riverside County floor control standard drawing CB108. The as-built condition with no protection poses a concern for vehicular and pedestrian traffic. Please see the attached picture, highlighted location, as well as the standard County drawing CB108 for reference. Please review and advise if further direction is to be provided to the Contractor.

Attachments:

[Riser Inlet.pdf CB108.pdf](#)

Official Response: Buddy Gessel (DLR Group / Baker Nowicki) responded on Tuesday, February 22nd, 2022 at 3:11PM PST

Response From Aron Chad Burian

Per coordination with Saleem Baig at the County Transportation Department, "Place Asphalt Concrete Dike (CRS 212)(8)" as shown on the attached marked up snapshot of our original plan, the face of which being at the location of the grade break.

Attachments:

Official Response: Aron Chad Burian (Epic Engineers, Inc.) responded on Tuesday, February 22nd, 2022 at 2:48PM PST

Per coordination with Saleem Baig at the County Transportation Department, "Place Asphalt Concrete Dike (CRS 212)(8)" as shown on the attached marked up snapshot of our original plan, the face of which being at the location of the grade break.

Attachments:

[Berm at Meadowgate.pdf](#)

All Replies:

Response from Buddy Gessel (DLR Group / Baker Nowicki) at 03:11 PM on 02/22/2022

Response From Aron Chad Burian

Per coordination with Saleem Baig at the County Transportation Department, "Place Asphalt Concrete Dike (CRS 212)(8)" as shown on the attached marked up snapshot of our original plan, the face of which being at the location of the grade break.

Attachments:



Response from Aron Chad Burian (Epic Engineers, Inc.) at 02:48 PM on 02/22/2022

Per coordination with Saleem Baig at the County Transportation Department, "Place Asphalt Concrete Dike (CRS 212)(8)" as shown on the attached marked up snapshot of our original plan, the face of which being at the location of the grade break.

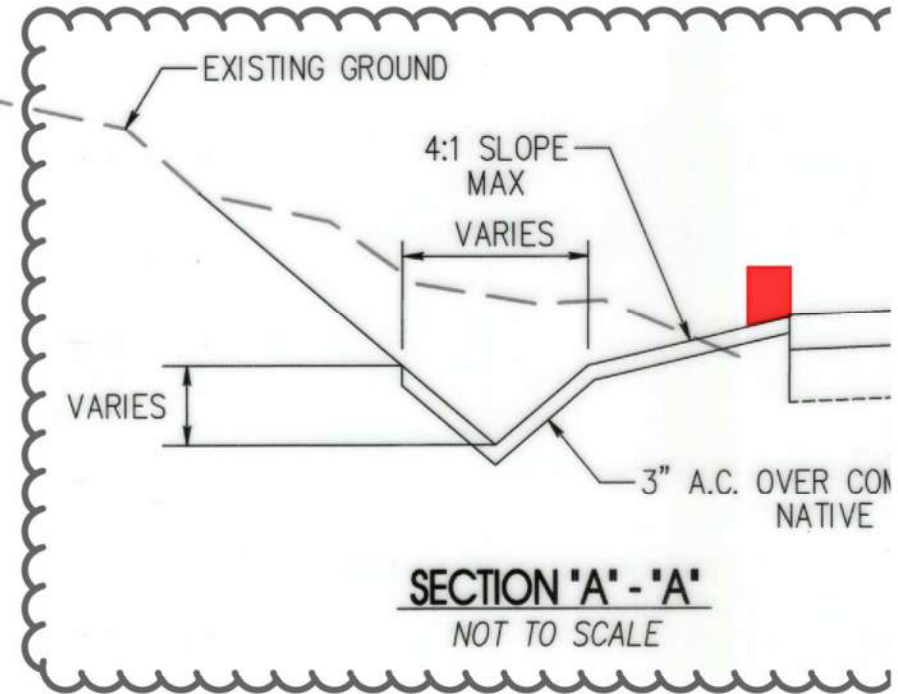
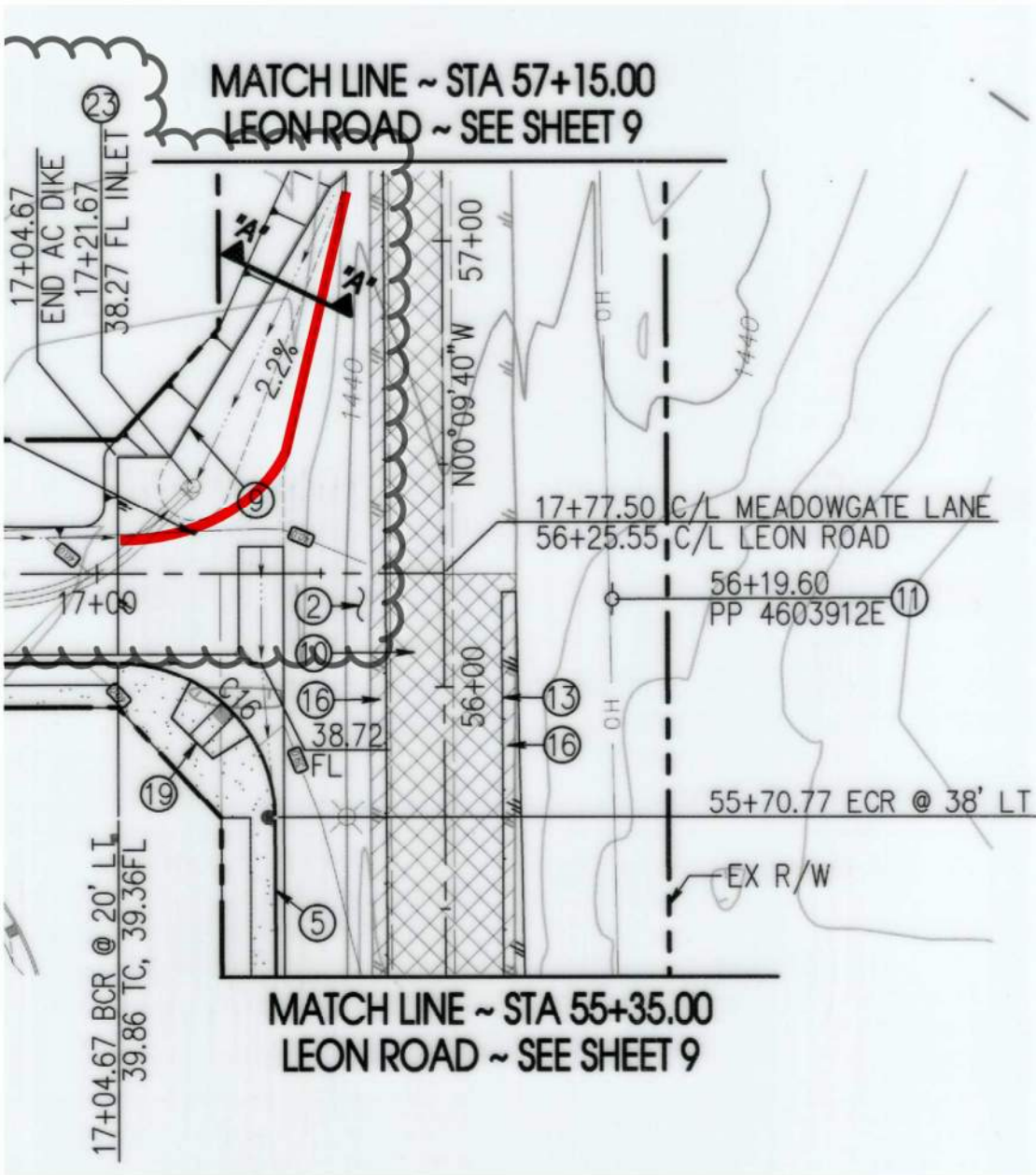
Attachments:

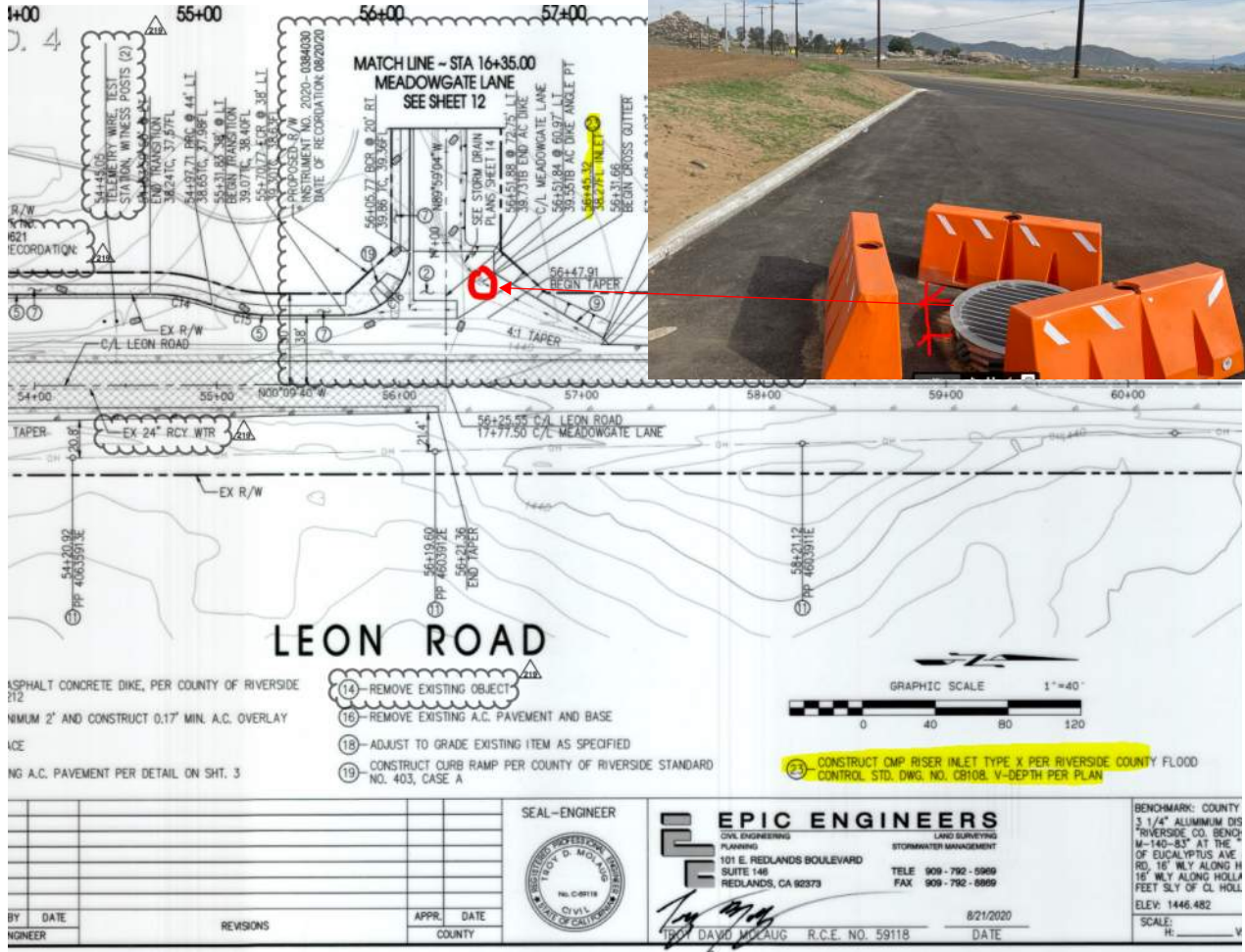
[Berm at Meadowgate.pdf](#)

BY _____

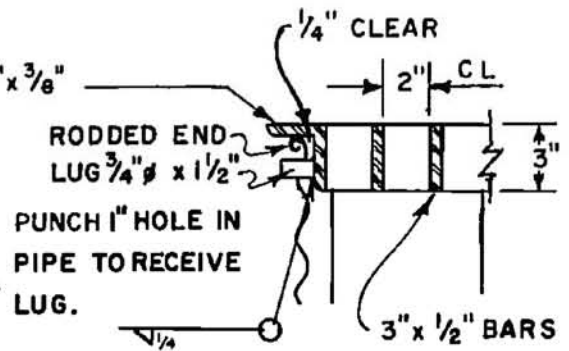
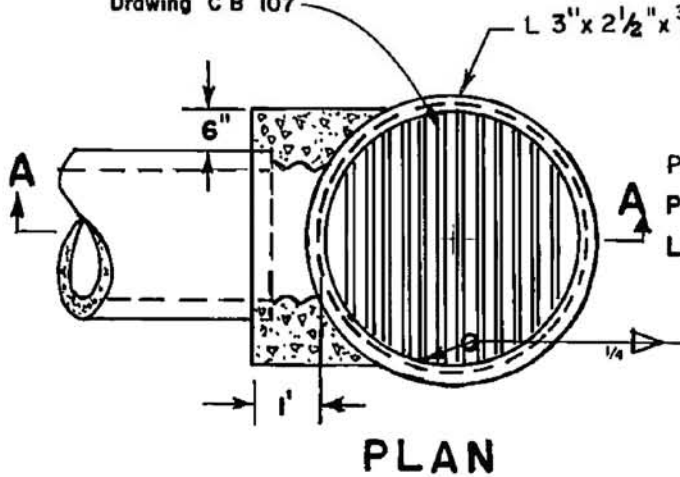
DATE _____

COPIES TO _____

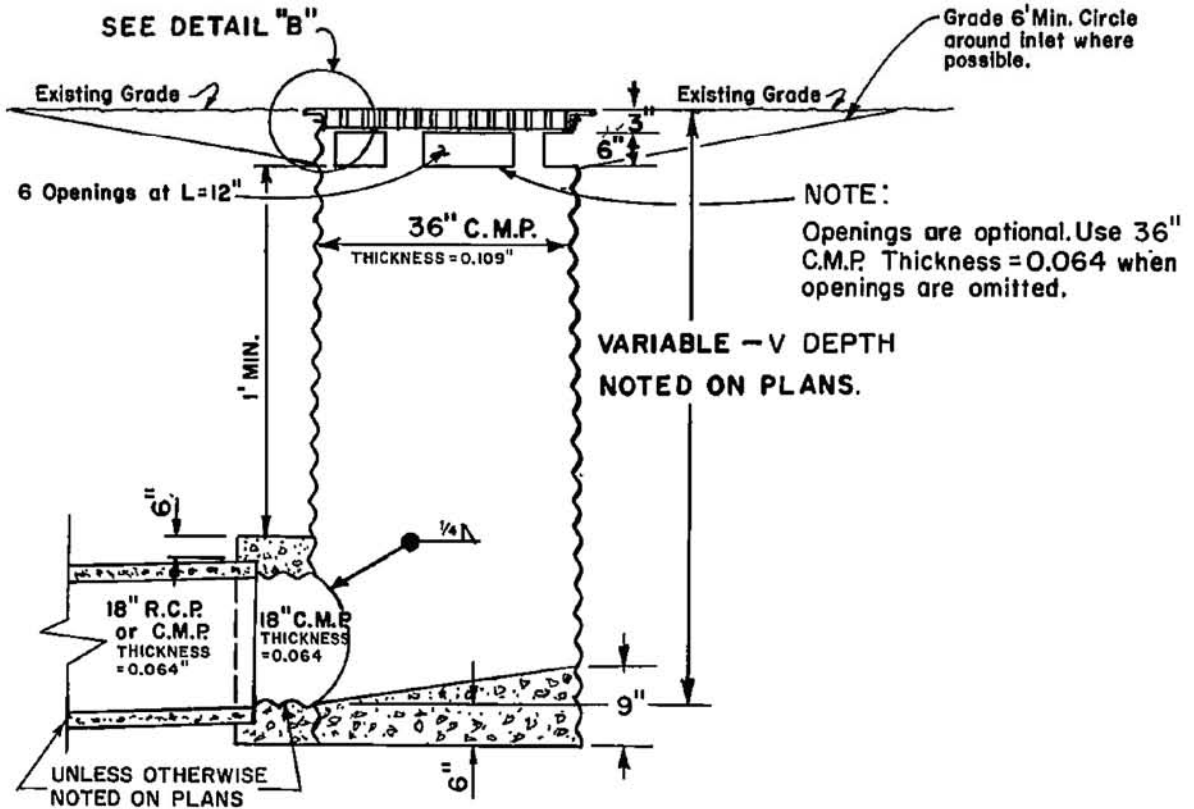




(optional) See Standard Drawing C B 107



DETAIL "B"



NOTE:
Openings are optional. Use 36" C.M.P. Thickness = 0.064 when openings are omitted.

SECTION A-A

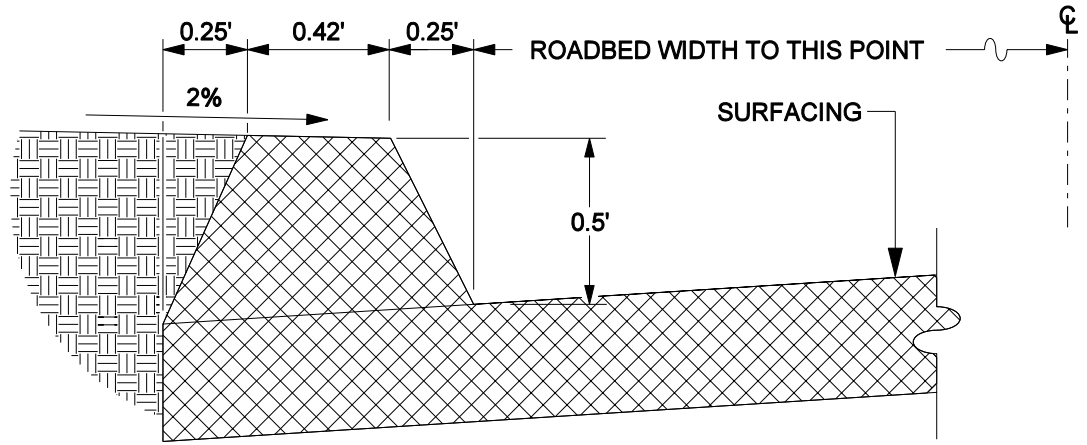
NOTES:

1. PLACE GRATE BARS PARALLEL TO FLOW.
2. GRATE AND FRAME SHALL BE GALVANIZED.

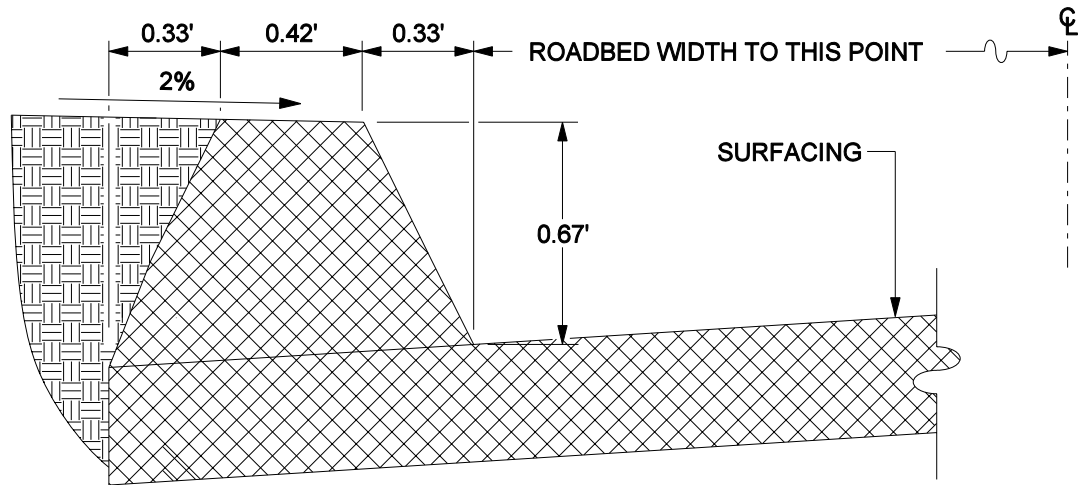


RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
 APPROVED BY: *Warren D. Willms*
 CHIEF ENGINEER
 DATE: April 5, 2004

INLET TYPE X (GRATE DETAILS) FOR TEMPORARY USE ONLY
 STANDARD DRAWING NUMBER CB108



6" A.C. DIKE



8" A.C. DIKE

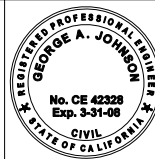
NOT TO SCALE

NOTE: A.C. DIKE REQUIRED WHERE FILL SLOPES ARE STEEPER THAN 4:1, MATERIAL IS SUSCEPTIBLE TO EROSION, OR WHERE ROADWAY GRADIENT EXCEEDS 3%.

APPROVED BY:

George A. Johnson
 DIRECTOR OF TRANSPORTATION
 GEORGE A. JOHNSON, RCE 42328

DATE: 05/01/07



COUNTY OF RIVERSIDE

**ASPHALT CONCRETE
 DIKES**

STANDARD NO. 212

REVISIONS	REV.	BY:	APR'D	DATE	REV.	BY:	APR'D	DATE
	1				4			
	2				5			
	3				6			



Project: 0483-01 - Perris High School No. 4
 32255 Leon Road
 Winchester, California 92596

Potential Change Order #28-037: CE #492 - Scott & Leon - Drainage Issue and Curb Transition

CONTRACT COMPANY:	Roadway Engineering & Contracting, Inc. 10966 Banana Avenue Fontana California, 92337	CONTRACT FOR:	C-0483-01-028 - Offsite Street Improvements
PCO NUMBER/REVISION:	28-037 / 0	CREATED BY:	Jeff Nicholson (Neff Construction, Inc.)
REQUEST RECEIVED FROM:		CREATED DATE:	3/10 /2022
STATUS:	Pending - In Review		
REFERENCE:			
FIELD CHANGE:	No	ACCOUNTING METHOD:	Amount Based
LOCATION:		PAID IN FULL:	No
SCHEDULE IMPACT:		TOTAL AMOUNT:	\$0.00

POTENTIAL CHANGE ORDER TITLE: CE #492 - Scott & Leon - Drainage Issue and Curb Transition

CHANGE REASON: Design Development

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*

CE #492 - Scott & Leon - Drainage Issue and Curb Transition
 Add tapered curb extensions at the 4 corners of the Scott & Leon intersection
 Address Drainage issue at the SE corner

ATTACHMENTS:

[3.8.22 email.pdf](#)

#	Cost Code	Description	Type	Amount
1	50-28000 - Offsite Street Improvements	Drainage & Curbs - Scott & Leon	Commitment	\$ 2,381.00
2	50-28001 - Offsite Street Improvements - Allowance	Draw from Allowance	Commitment	(\$2,381.00)
Subtotal:				\$0.00
Grand Total:				\$0.00

By signing below signatory recognizes and accepts the above dollar value contract adjustment

Owner's Representative

Architect

See CCO #28-013 for approval signatures

 Print Sign Date

 Print Sign Date

Construction Manager

Prime Contractor

 Print Sign Date

 Print Sign Date



Meeting #146

Recycled Water: EMWD's recycled water consultant, Troy Gardner with Golden State Consultants, has stated that final approval of the onsite recycled water irrigation system would not be granted until **ALL** construction is complete (including Aquatic Complex). EMWD will not start the application for recycled services inspector notifies the office that the work is nearing completion.

3/17/22 - Troy Gardner was on site earlier this week and directed the following work:

1. Added approximately 27 locations for "Recycled Water" signage
2. Removal of 3" reclaimed meter until final sign off (Note: meter was not in use. Option to lock the shut-off valve was not allowed).

4.4	County of Riverside Offsite Right of Way Improvements	Hector Gonzalez (Perris Union High School District)			Open
<p>Description: Review of Riverside County plan approvals, coordination, permitting, and inspections through completion.</p>					
<p>Official Documented Meeting Minutes: Wickard Road: Complete Scott & Leon intersection: (03/10/22) County Inspector Alec Yzaguirre has requested a retention basin be added for drainage at the SE corner and AC tapered curb extensions at each corner. (3/24/22) Attempts have been made to contact the inspector to clarify his directions noted above. (3/30/22) Neff was informed that Alec is out. Neff did speak with Roadway who clarified the curb taper is only needed for on-coming traffic and Roadway understands Alec's intent on the drainage issue. PUHSD OK'd Roadway to proceed with the basin on T&M (estimated 1 day of skip loader time). Leon & Meadowgate: Asphalt berm at riser inlet</p>					
4.5	Health Department	Buddy Gessel (BakerNowicki Design Studio)			On Hold
<p>Description: Review of Riverside County Health Department plan approvals, coordination, and inspections through final approval to operate. Health Department approved plans received for base contract scope, CCD 82 Concessions and LHS Aquatic Center</p>					
<p>Official Documented Meeting Minutes:</p> <ul style="list-style-type: none"> • County of Riverside Department of Environmental Health Inspector, Octavio Gonzalez, conducted the inspection on 9/28/2021. Inspection passed, with minor corrections noted. • Inspections for E,G and H are pending District supplied major appliances. (1/20/22) Need plumber to make final connections to OF equipment. (03/03/22) District clarified that only the ice makers need to be installed. (3/31) Scheduling added scope to install ice maker with Fischer. 					

INSPECTION					
No	Title	Assignment	Due Date	Priority	Status
5.1	Project Inspector / DSA	Jason James (TYR, Inc.)			Open
<p>Description: Issues and Comments as reported by the Project Inspector of Record and/or DSA Field Engineer</p>					
<p>Official Documented Meeting Minutes: No new issues</p>					
5.3	Project Commissioning				On Hold
<p>Description: Alpers Engineering Group is leading the commissioning process. See spec sections 019113, 260800 and 260801 for detailed information on commissioning. See spec 280800 for Electrical Commissioning, which is not under the responsibility of Alpers.</p>					
<p>Official Documented Meeting Minutes: ACH to submit final start-up forms tomorrow. Fischer & RPE have updated their lists and confirmed most items are closed in Blue Rythem In person meeting every 2 weeks. Next Tuesday 4/05/22</p> <p>A sizable change order was issue by PUHSD to Alpers for extended commissioning costs. Costs may be back charged to the contractor who is most responsible for the extended commissioning duration.</p>					

These meeting minutes are believed to be an accurate reflection of those items discussed and the conclusions that were reached during the referenced meeting.

Please contact Neff Construction, Inc. if there are any discrepancies or questions with the content of these minutes.

ROADWAY ENGINEERING & CONTRACTING INC.

General Engineering Contractor

License #874044

May 2, 2022

Perris Union High School District
155 E 4th Street
Perris, CA 92570

Attention: Jeff Nicholson

Reference: Perris HS #4 - Cat #28 Off-Site Improvements
Menifee, CA

Regarding: Change Order Request #015 – Drainage Issue at Scott & Leon

Mr. Nicholson,

As per the requirement of the County of Riverside, the price to perform additional grading to help with drainage/ponding at the intersection of Scott Rd. and Leon Rd. is **\$2,381.00**. See the attached itemized cost breakdown for this work.

If the above price is acceptable, please issue a contract change order for this amount. You can call me with any questions at (951) 360-0033.

Sincerely,
ROADWAY ENGINEERING



Eric Alvarez

Details Report For : PERRIS HS #4 - CAT #28 OFF-SITE IMPROVEMENTS

ERIC ALVAREZ

05/02/2022

Ph. CO	CHANGE ORDERS	Quantity	U/M	Unit Cost	Total Cost	Margin%	Unit Price	Total Price
Item 24		1.0	LS	\$2,164.680	\$2,164.68	9.99	\$2,381.000	\$2,381.00
Description GRADING FOR DRAINAGE @ SCOTT & LEON								

Activity	SKIPLoader GRADING	Crew	GRADING SKIPLoader	Activity Qty	1.00 LS
	Rate:		CREW	Days:	
Day:	1.00 LS		Labor	1.00	Total Cost: \$2,164.68
Hour:	0.00 LS		Equipment	1.00	Unit Cost: \$2,164.680
			Actual:	1.00	

Labor		Quantity	Hours	Days	Unit Cost	
LAB 1	LABORER GROUP 1	2.00	6.00 HR	1.00	79.890	\$958.68
The total contains overtime cost of:			0.00		Total	\$958.68
Equipment		Quantity	Hours	Days	Unit Cost	
SKIP	SKIPLoader	1.00	6.00 HR	1.00	166.000	\$996.00
TRW20B	WATER TRUCK 2000 BARE	1.00	6.00 HR	1.00	35.000	\$210.00
					Total	\$1,206.00

Jeff Nicholson

From: Yzaguirre, Alec <AYZAGUIR@RIVCO.ORG>
Sent: Tuesday, March 8, 2022 12:40 PM
To: Scott Barry; Eric Alvarez; Jeff Nicholson
Cc: Rafael Gomez; Karl Moller; John Squillace Jr.
Subject: Drainage Issue Scott/Leon and Ramp Transistions
Attachments: IMG_0319.jpg; Annotation 2022-03-08 123001.pdf

Hello Neff/Roadway folks,

During the last few rains we've had, I noticed that the S/E access ramp on Scott/Leon hold quite a bit of water. Please see the attached photo for reference.

I realize this is due to the design of the intersection, however I feel we cannot allow this condition to persist, especially with the wet season upon us.

I propose that a small bioswale be graded behind the ramp as shown in the attached in order to help relieve some of the rain.

Also,

Each ramp that is not connected to sidewalk/curb and gutter must have a small 2' AC transition to eliminate blunt ends that currently exist. This can be done with dike mix.

The County is requesting these items as safety conditions.

Thank you-



ALEC M. YZAGUIRRE
Principal Engineering Technician
Permit Division
County Administration Center
4080 Lemon St. 8th Fl, Riverside, CA 92501
P.O. Box 1090, Riverside, CA 92502-1090
Office: 951-955-6790
Mobile: 951-333-0625
Email: ayzaguir@rivco.org

How are we doing? Click the Link and Tell us!



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[County of Riverside California](#)





PCO #28-039

Project: 0483-01 - Perris High School No. 4
32255 Leon Road
Winchester, California 92596

Potential Change Order #28-039: CE #387 - Remove Delineation of Permanent Impact Area

CONTRACT COMPANY:	Roadway Engineering & Contracting, Inc. 10966 Banana Avenue Fontana California, 92337	CONTRACT FOR:	C-0483-01-028 - Offsite Street Improvements
PCO NUMBER/REVISION:	28-039 / 0	CREATED BY:	Jeff Nicholson (Neff Construction, Inc.)
REQUEST RECEIVED FROM:		CREATED DATE:	5/9 /2022
STATUS:	Pending - In Review		
REFERENCE:			
FIELD CHANGE:	No	ACCOUNTING METHOD:	Amount Based
LOCATION:		PAID IN FULL:	No
SCHEDULE IMPACT:		TOTAL AMOUNT:	\$0.00

POTENTIAL CHANGE ORDER TITLE: CE #387 - Remove Delineation of Permanent Impact Area

CHANGE REASON: Allowance

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*

CE #387 - Delineation of Permanent Impact Area

Remove silt fence that was installed to delineate the permanent impact area along the Scott & Leon Street Improvements

ATTACHMENTS:

[ZoomInOfImpact_ForClient.pdf](#)

#	Cost Code	Description	Type	Amount
1	50-28000 - Offsite Street Improvements	Remove Silt Fence	Commitment	\$ 2,867.00
2	50-28001 - Offsite Street Improvements - Allowance	Draw from Allowance	Commitment	(\$2,867.00)
Subtotal:				\$0.00
Grand Total:				\$0.00

By signing below signatory recognizes and accepts the above dollar value contract adjustment

Owner's Representative

Architect

See CCO #28-013 for approval signatures

Print Sign Date

Print Sign Date

Construction Manager

Prime Contractor

Print Sign Date

Print Sign Date

Details Report For : PERRIS HS #4 - CAT #28 OFF-SITE IMPROVEMENTS**Roadway Engineering**

ERIC ALVAREZ

05/02/2022

Ph. CO	CHANGE ORDERS	Quantity	U/M	Unit Cost	Total Cost	Margin%	Unit Price	Total Price
Item 29		1.0	LS	\$2,606.240	\$2,606.24	10.01	\$2,867.000	\$2,867.00
Description SILT FENCE REMOVAL								

Activity	REMOVE SILT FENCE	Crew	GRADING SKIPLOADER	Activity Qty	1.00 LS
	Rate:		CREW	Days:	
Day:	1.00 LS		Labor	1.00	Total Cost: \$2,606.24
Hour:	0.13 LS		Equipment	1.00	Unit Cost: \$2,606.240
			Actual:	1.00	
Labor		Quantity	Hours	Days	Unit Cost
LAB 1	LABORER GROUP 1	2.00	8.00 HR	1.00	79.890
	The total contains overtime cost of:		0.00		Total
					\$1,278.24
Equipment		Quantity	Hours	Days	Unit Cost
SKIP	SKIPLOADER	1.00	8.00 HR	1.00	166.000
					Total
					\$1,328.00

LSA

0 30 60
FEET

LEGEND

Project Geometrics

- Permanent Impact Area
- Intersect of Permanent Impacts and Jurisdictional Areas

MSHCP Riverine/CDPW Streambed/RWQCB Jurisdiction

- Warm Springs Creek
- Earthen Roadside Ditch

Permanent Impacts to Potential Jurisdictional Areas	
Earthen Roadside Ditch	0.1158
Warm Springs Creek	0.0239
Grand Total	0.1397

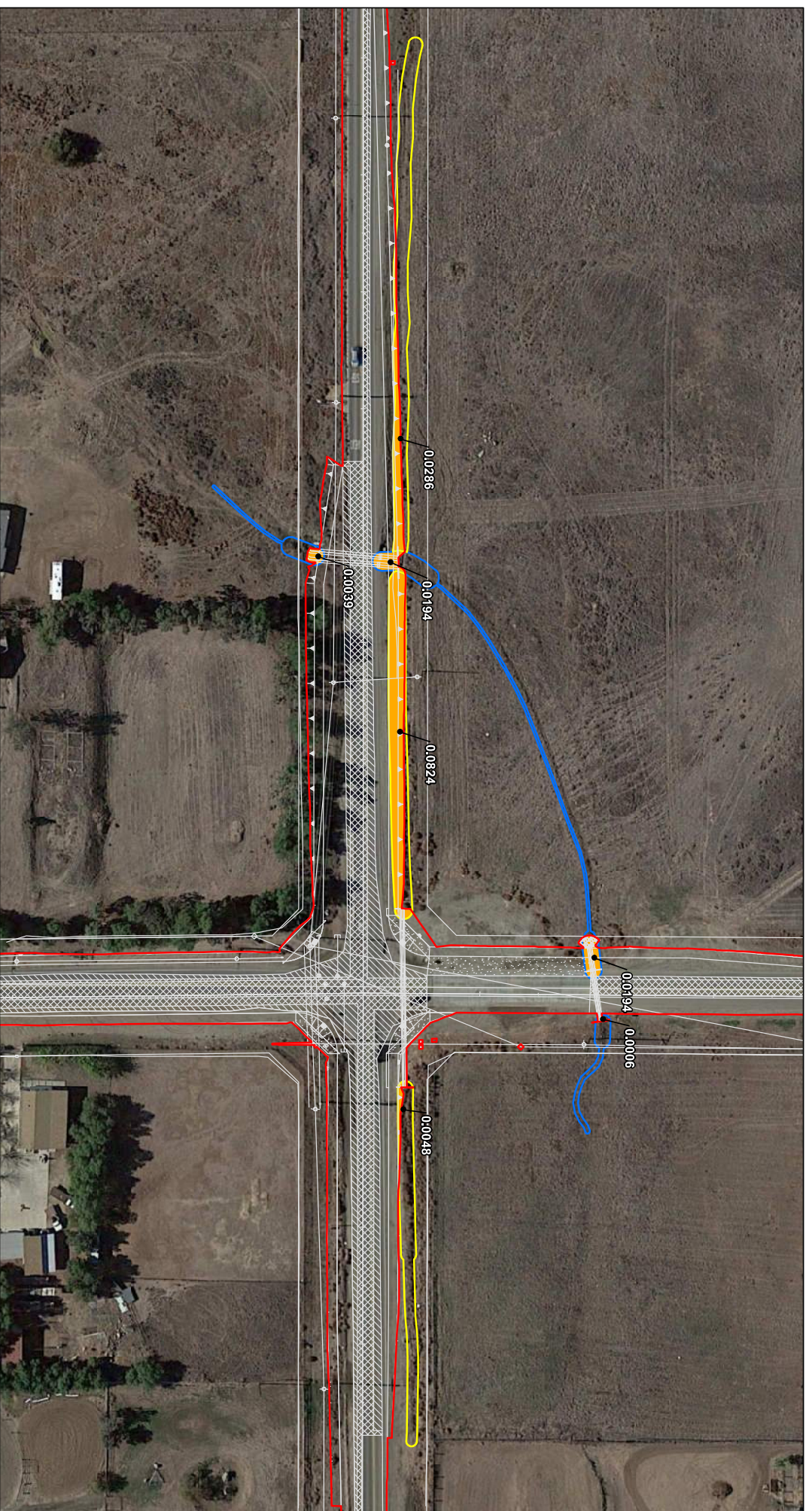


FIGURE 2

Scott Road & Leon Road Traffic Signal Project
Jurisdictional Areas and Impacts

SOURCE: Google (2/2/18)
I:\ACT1901.08\GIS\Analysis\ID_IMPACTS_WithUpdateFile_20200917\ZoomInForClient\Impacts.mxd (9/21/2020)

**PCO #28-040**

Project: 0483-01 - Perris High School No. 4
32255 Leon Road
Winchester, California 92596

Potential Change Order #28-040: CE #504 - Road Repair per County Direction

CONTRACT COMPANY:	Roadway Engineering & Contracting, Inc. 10966 Banana Avenue Fontana California, 92337	CONTRACT FOR:	C-0483-01-028 - Offsite Street Improvements
PCO NUMBER/REVISION:	28-040 / 1	CREATED BY:	Jeff Nicholson (Neff Construction, Inc.)
REQUEST RECEIVED FROM:		CREATED DATE:	5/9 /2022
STATUS:	Pending - In Review		
REFERENCE:			
FIELD CHANGE:	No	ACCOUNTING METHOD:	Amount Based
LOCATION:		PAID IN FULL:	No
SCHEDULE IMPACT:		TOTAL AMOUNT:	\$0.00

POTENTIAL CHANGE ORDER TITLE: CE #504 - Road Repair per County Direction

CHANGE REASON: No Change Reason

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*

CE #504 - Road Repair per County Direction

County direction to remove & replace existing damaged concrete paving on Leon Road north of Scott Road

ATTACHMENTS:

[Leon - County Requested Repair.pdf](#)

#	Cost Code	Description	Type	Amount
1	50-28000 - Offsite Street Improvements	Road Repair	Commitment	\$ 3,929.55
2	50-28001 - Offsite Street Improvements - Allowance	Draw from Allowance	Commitment	(\$3,929.55)
			Subtotal:	\$0.00
			Grand Total:	\$0.00

By signing below signatory recognizes and accepts the above dollar value contract adjustment

Owner's Representative

Architect

See CCO #28-013 for approval signatures

Print Sign Date

Print Sign Date

Construction Manager

Prime Contractor

Print Sign Date

Print Sign Date

Details Report For : PERRIS HS #4 - CAT #28 OFF-SITE IMPROVEMENTS

Roadway Engineering

ERIC ALVAREZ

05/02/2022

Ph. CO	CHANGE ORDERS	Quantity	U/M	Unit Cost	Total Cost	Margin%	Unit Price	Total Price
Item 27		1.0	LS	\$3,982.160	\$3,982.16	9.99	\$4,380.000	\$4,380.00
Description PCC ROADWAY REPLACEMENT ON LEON & SCOTT								

Activity	THREE (3) MEN CONCRETE CREW	Rate:	THREE (3) MEN CONCRETE CREW	Days:	Activity Qty	1.00 LS
Day:	1.00 LS		Labor		Total Cost:	\$3,982.16
Hour:	0.10 LS		Equipment		Unit Cost:	\$3,982.160
			Actual:	1.00		

Labor		Quantity	Hours	Days	Unit Cost	
MAS	CEMENT MASON	2.00	8.00 HR	1.00	85.820	\$1,373.12
4MPCC	FOREMAN CONCRETE WORK	1.00	8.00 HR	1.00	87.380	\$699.04
The total contains overtime cost of:				0.00	Total	\$2,072.16

Equipment		Quantity	Hours	Days	Unit Cost	
TRFORM	FORM TRUCK	1.00	8.00 HR	1.00	40.000	\$320.00
TRCREW	CREW TRUCK	1.00	8.00 HR	1.00	25.000	\$200.00
BCATB	BOBCAT/BREAKER	1.00	8.00 HR	0.50	135.000	\$540.00
					Total	\$1,060.00

Material		Quantity	Unit Cost	
CON5.5	CONCRETE 5.5 SACK	3.50	100.000	\$350.00
CONLOD	CONCRETE LOAD ENVIRO CHARGE	1.00	400.000	\$400.00
REBAR	REBAR	1.00	100.000	\$100.00
			Total	\$850.00

Adjusted per General Provisions 17.13

(v)General Markup: shall be deemed and construed to fully compensate ... all other direct and indirect costs (other than bond markup) attributable to the proposed change(s), including, without limitation, any and all costs of ... equipment with a daily rental rate of less than \$500.00.

Description	As Submitted			Adjusted per Contract Docs	
	Total	Rate	Total Hrs.		
Foreman	8	\$ 87.38	699.04	8	699.04
Laborer	16	\$ 85.82	1,373.12	16	1,373.12
Truck	8	\$ 40.00	320.00	-	-
Truck	8	\$ 25.00	200.00	-	-
Bobcat	4	\$135.00	540.00	4	540.00
Concrete	3.5	\$100.00	350.00	4	350.00
Envrimental Charge	1	\$400.00	400.00	1	400.00
Rebar	1	\$100.00	100.00	1	100.00
Subtotal			3,982.16		3,462.16
Mark-up	12.50%		397.84	12.5%	432.77
Bond	1.00%		-	1%	34.62
Total			4,380.00		3,929.55

Jeff Nicholson

From: Jeff Nicholson
Sent: Thursday, January 6, 2022 1:14 PM
To: Hector Gonzalez; Chad Goodwin
Cc: Curtis Fletcher; Scott Barry; Jaime Cheeney; Eric Alvarez
Subject: PHS4 - Offsite - Repairs to existing road (Leon)
Attachments: Leon - County Requested Repair.pdf

Hector & Chad

The County of Riverside Public Works Inspector, Alec Yzaguirre, requested that the existing concrete panel shown in the photo below be replaced as part of the offsite road work.



Roadway will be submitting a cost.

JEFF NICHOLSON

Project Manager

 P: (909) 947-3768 | C: (909) 239-3612
 F: (909) 947-3823

 WWW.NEFFCON.COM

 1701 S. Bon View Ave. | Ontario, CA 91761







PCO #28-041

Project: 0483-01 - Perris High School No. 4
 32255 Leon Road
 Winchester, California 92596

Potential Change Order #28-041: CE #337 - Striping Moves

CONTRACT COMPANY:	Roadway Engineering & Contracting, Inc. 10966 Banana Avenue Fontana California, 92337	CONTRACT FOR:	C-0483-01-028 - Offsite Street Improvements
PCO NUMBER/REVISION:	28-041 / 0	CREATED BY:	Jeff Nicholson (Neff Construction, Inc.)
REQUEST RECEIVED FROM:		CREATED DATE:	5/9 /2022
STATUS:	Pending - In Review		
REFERENCE:			
FIELD CHANGE:	No	ACCOUNTING METHOD:	Amount Based
LOCATION:		PAID IN FULL:	No
SCHEDULE IMPACT:		TOTAL AMOUNT:	\$0.00

POTENTIAL CHANGE ORDER TITLE: CE #337 - Striping Moves

CHANGE REASON: No Change Reason

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*

CE #337 - Site & Offsite Overtime & Extension Costs - costs due to offsite impacts

Offsite striping contractor moved on a total of 3 times to complete the street striping and signage

1. Leon Road - prior to the start of school
2. Scott & Leon Intersection
3. Wickerd Road

This PCO is for the 2nd & 3rd move at \$2,000/move + mark-up

ATTACHMENTS:

#	Cost Code	Description	Type	Amount
1	50-28000 - Offsite Street Improvements	Striping Move	Commitment	\$ 4,200.00
2	50-28001 - Offsite Street Improvements - Allowance	Draw from Allowance	Commitment	(\$4,200.00)
Subtotal:				\$0.00
Grand Total:				\$0.00

By signing below signatory recognizes and accepts the above dollar value contract adjustment

Owner's Representative

Architect

See CCO #28-013 for approval signatures

 Print Sign Date

 Print Sign Date

Construction Manager

Prime Contractor

 Print Sign Date

 Print Sign Date

ROADWAY ENGINEERING & CONTRACTING INC.

General Engineering Contractor

License #874044

May 2, 2022

Perris Union High School District
155 E 4th Street
Perris, CA 92570

Attention: Jeff Nicholson

Reference: Perris HS #4 - Cat #28 Off-Site Improvements
Menifee, CA

Regarding: Change Order Request #016 – Additional Mobilization for Striping

Mr. Nicholson,

As previously discussed, the delay due to re-design of the intersection of Scott Rd. and Leon Rd. and the delays caused by EMWD at Wickerd Rd. required our striping subcontractor to Mobilize 2 additional times to perform their work. The price for these additional Mobilizations is **\$4,200.00**. See the attached itemized cost breakdown for this work.

If the above price is acceptable, please issue a contract change order for this amount. You can call me with any questions at (951) 360-0033.

Sincerely,
ROADWAY ENGINEERING



Eric Alvarez

Details Report For : PERRIS HS #4 - CAT #28 OFF-SITE IMPROVEMENTS

ERIC ALVAREZ

05/02/2022

Ph. CO	CHANGE ORDERS	Quantity	U/M	Unit Cost	Total Cost	Margin%	Unit Price	Total Price
Item 26		2.0	EA	\$2,000.000	\$4,000.00	5.00	\$2,100.000	\$4,200.00
Description MOB FOR STRIPING								

Activity	MISCELLANEOUS	Crew	MISCELLANEOUS	Activity Qty	2.00 EA
	Rate:		Days:		
	Day: 1.00 EA		Labor	2.00	Total Cost: \$4,000.00
	Hour: 0.10 EA		Equipment	2.00	Unit Cost: \$2,000.000
			Actual:	2.00	
Other				Quantity	Unit Cost
PLUG	PLUG DETAILS			2.00	2,000.000
					\$4,000.00
					<u>Total</u> \$4,000.00

Chrisp Company

Rialto Office
 2280 South Lilac Ave
 Bloomington Ca 92316
 Phone: (909) 746-0356 Fax: (909) 746-0354

EXTRA WORK

Contractors License No. 374600
DIR Registration No. 100000306
 A General Engineering
 C-13 Fence, Wire, wood
 C-32 Highway Improvement

Quotation

TO: ROADWAY ENGINEERING
 8861A JURUPA ROAD
 RIVERSIDE CA 92509
 Phone: (951) 360-6834 Fax: (951) 360-7634
 Contact: Eric
 email:

Current Date: 1/26/2022
 BidDate: 1/26/2022
 JobName: Perris HS #4 Signng & Striping
 Location: Perris Bid#: 42849 2
 Contract#: Job# 20R.21.549
 Working Days:
 Liquidated Damages

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	Additional Mobilization - Scott & Leon (1EA) and Wickerd (1EA)	2	EA	2000.000	\$4,000.00
Subtotal					\$4,000.00
TOTAL					\$4,000.00

Signing of this quotation will constitute a legal and binding contract change order to perform extra work as quoted and a contract change order must be issued to Chrisp company for the agreed amount of work and moneys within 10 days of the beginning for the work. Non-timely issuance of a contract change order will not relieve general contractor of delayed/late payment.

Date Approved: _____
 Signed: _____
 Print name and title: _____

This quote includes all stipulations found on page 3

QUOTE PREPARED BY Coda Oesterblad
 (909) 341-3306
 coesterblad@chrispco.
 CHRISP COMPANY