

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**



**ITEM: 3.28
(ID # 14697)**

MEETING DATE:
Tuesday, April 13, 2021

FROM : TLMA-TRANSPORTATION:

SUBJECT: TRANSPORTATION AND LAND MANAGEMENT AGENCY/TRANSPORTATION:
Notice of Completion – Newport Road at Interstate 215 Interchange Project. District 5. [\$0]

RECOMMENDED MOTION: That the Board of Supervisors:

1. Accept as complete the Construction of Newport Road at Interstate 215 Interchange Project in the City of Menifee, District 5;
2. Authorize the Chairwoman of the Board to execute the Notice of Completion on behalf of the County; and
3. Direct the Clerk of the Board to record the Notice of Completion.

ACTION:Policy


Mark Lancaster, Director of Transportation 3/9/2021

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Jeffries, seconded by Supervisor Perez and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Spiegel, Washington, Perez, and Hewitt
Nays: None
Absent: None
Date: April 13, 2021
xc: Transp., Recorder

Kecia R. Harper
Clerk of the Board

By: 
Deputy

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,
STATE OF CALIFORNIA**

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost
COST	\$ 0	\$ 0	\$ 0	\$ 0
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0
SOURCE OF FUNDS: N/A			Budget Adjustment:	N/A
			For Fiscal Year:	20/21

C.E.O. RECOMMENDATION: Approve

BACKGROUND:

Summary

By Minute Order 3.48 of March 10, 2015, the Board of Supervisors entered into a contract with Ames Construction, Inc. of Corona, California for the construction of Newport Road at Interstate 215 Interchange Project in Supervisorial District 5.

The original authorized amount of the contract was \$31,133,024. The total price of the contract came in at \$31,531,327 which is 1.3% more than the original contract and was the result of contract change orders and bid quantity adjustments. The contract change orders are discussed in detail in the attached Contract Change Order Report. For this project, there were several factors that resulted in contract change orders for this project:

- Extra Work for various miscellaneous items of work including but not limited to, safety, traffic control, flagmen operations during closures, temporary detours, signage, striping and CHP Support (\$855,147)
- Sediment control, soil stabilization, hydroseed, compost, weeding and watering (\$255,513)
- Utility conflicts, modifications, and relocations (\$232,449)
- Installation of bridge abutments, barrier railing, and steel drainage pipes and bridge deck resurfacing at Salt Creek Bridge (\$231,923)
- Handling of boulders and rocks in excess of 2 Tons (\$200,000)
- Construction of City of Menifee monuments (\$93,840)

The work was completed in conformance with the plans and specifications and the contractor was granted relief of maintenance on April 1, 2019. The 3-year plant establishment period has been completed and the project has been accepted by Caltrans.

Project No. B5-0682
Federal Aid No. STPLN-5956(234)

Impact on Residents and Businesses

The improvements benefit the project by improving existing infrastructure, enhanced traffic flow and safety and reduced traffic congestion.

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Additional Fiscal Information

Budget

Original Contract Amount		\$31,133,024
Total Change Orders Authorized	6.1%	\$1,889,019
Estimated Pending Change Orders	0.0%	\$0
Authorized Contract Amount		\$33,022,043
* Quantity Adjustments	-4.8%	(\$1,490,716)
+ CCO FA Adjustments	0.0%	\$0
Total Amended Contract Amount	101.3%	\$31,531,327

Expenditures

Total Progress Payments		\$31,531,327
Estimated Pending Payments		\$0
Total Expenditures		\$31,531,327

(Over)/Under Contract Amount \$0

+ Change Orders using the Force Account method of payment issued prior to the work being completed generally do not use the total authorized amount.

* Caltrans Standard Specifications 9-1.06 (Changed Quantity Payment Adjustments). Increases or decreases in the quantity of a contract item of work will be determined by comparing the total pay quantity of such item of work with the Engineer's Estimate. If the total pay quantity of any item of work required under the contract varies from the Engineer's Estimate by 25 percent or less, payment will be made for the quantity of work of said item performed at the contract unit price, unless eligible for adjustment pursuant to Section 9-1.15, "Work-Character Changes."

This project was funded with \$14,632,522 of STP Discretionary funds, \$10,367,297 of City of Menifee funds, \$5,448,279 of TUMF-Central Zone funds, \$622,660 of EMWD funds and \$62,266 of Southern California Gas Company funds.

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Contract History and Price Reasonableness

Eight bids were received on December 2014 ranging from \$31,133,024 to \$36,251,081. The basis for the selection of a contractor is the lowest responsive and responsible bid. The lowest responsible bid was submitted by Ames Construction of Riverside, CA in the amount of \$31,133,024, which is \$4,960,730 (19%) higher than the Engineer's Estimate.

ATTACHMENTS:

Change Order Report
Vicinity Map
Progress Estimate Report
Notice of Completion



Jason Farin, Principal Management Analyst

4/5/2021



Gregory L. Priamos, Director County Counsel

3/25/2021

PLEASE COMPLETE THIS INFORMATION
RECORDING REQUESTED BY:

KECIA R. HARPER, CLERK OF THE BOARD
RIVERSIDE CO. CLERK OF THE BOARD
4080 LEMON STREET, 1ST FLOOR CAC
P O BOX 1147 – RIVERSIDE, CA 92502

MAIL STOP # 1010

AND WHEN RECORDED MAIL TO:
RETURN TO: STOP #1010
RIVERSIDE COUNTY CLERK OF THE BOARD
P. O. BOX 1147 – RIVERSIDE, CA 92502

2021-0234728

04/15/2021 08:05 AM Fee: \$ 0.00

Page 1 of 2

Recorded in Official Records
County of Riverside
Peter Aldana
Assessor-County Clerk-Recorder



6080

THIS SPACE FOR RECORDERS USE ONLY

NOTICE OF COMPLETION

To be recorded with County Recorder
within 10 days after completion.
No recording fee.

Notice is hereby given by the undersigned owner, a public entity of the State of California, that a public work of improvement has been completed, as follows:

Project title or description of work: Interstate 215 at Newport Road Interchange Improvements Project, Project No. B5-0682, Federal Aid No. STPLN-5956(234)

Date of Completion: Date Hereof **APR 13 2021**

Nature of owner: County of Riverside, public entity

Interest or estate of owner: Public Road Right-of-Way

Address of owner: Clerk of the Board of Supervisors, County Administrative Center
4080 Lemon Street, 8th Floor, Riverside, CA 92501

Name and Address of contractor: Ames Construction, 391 N. Main Street, Suite 302, Corona, CA 92880

Street or legal description of site: Interstate 215 at Newport Road in the City of Menifee

Dated: APR 13 2021

Owner: County of Riverside
(Name of Public Entity)

By: Karen S. Spiegel
Chair, Board of Supervisors

KAREN SPIEGEL

STATE OF CALIFORNIA)
 ss
COUNTY OF RIVERSIDE)

I am the Chairman of the governing board of the County of Riverside, the public entity which executed the foregoing notice and on whose behalf I make this verification; I have read this notice, know its contents, and the same is true. I certify under penalty of perjury that the foregoing is true and correct.

Executed at Riverside, California on APR 13 2021 (Date)

Karen S. Spiegel, Chair of the Board of Supervisors
KAREN SPIEGEL

ATTEST:
KECIA R. HARPER, Clerk
By [Signature]
DEPUTY

FORM APPROVED COUNTY COUNSEL
BY [Signature] KRISTINE BELL-VALDEZ DATE

APR 13 2021 3.28

PETER ALDANA
COUNTY OF RIVERSIDE
ASSESSOR-COUNTY CLERK-RECORDER

Recorder
P.O. Box 751
Riverside, CA 92502-0751
(951) 486-7000

www.riversideacr.com

CERTIFICATION

Pursuant to the provisions of Government Code 27361.7, I certify under the penalty of perjury that the following is a true copy of illegible wording found in the attached document:

(Print or type the page number(s) and wording below):

CLARIFICATION FOR SEAL for the Riverside County Board of Supervisors
(EMBOSSSED ON DOCUMENT)



Date:

April 13, 2021

Signature:

Priscilla Rasso

Print Name: Priscilla Rasso, Board Assistant

PROJECT: Interstate 215 at Newport Road Interchange Improvements in the City of Mantee
 County Project No.: B5-0882, Federal Aid No. STPLN-5958(234)
 Contract No. 15-01-011

Contractor: Ames Construction, Inc.
 Address: 2000 Annes Dr.
 City, State, Zip: Burnsville, MN 55306

Estimate No. 34 Final
 From: April 26, 2020
 To: December 25, 2020



Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Orders Quantity	Change Orders Amount	Amended Contract Quantity	Amended Contract Amount	This Estimate Quantity	This Estimate Amount	Previous Quantity	Total Estimate To Date Quantity	Total Estimate To Date Amount	% Auth
1	DEVELOP WATER SUPPLY	LS	1	30,000.00	30,000.00			1.00	30,000.00	1.00	30,000.00	1.00	1.00	30,000.00	100%
2	JUST-IN-TIME TRAINING	LS	1	10,000.00	10,000.00			1.00	10,000.00	1.00	10,000.00	1.00	1.00	10,000.00	100%
3	COURSE OF CONSTRUCTION INSURANCE	LS	1	72,000.00	72,000.00			1.00	72,000.00	1.00	72,000.00	1.00	1.00	72,000.00	100%
4	RESIDENT ENGINEERS OFFICE	LS	1	100,000.00	100,000.00			1.00	100,000.00	1.00	100,000.00	1.00	1.00	100,000.00	100%
5	LEAD COMPLIANCE PLAN	LS	1	5,000.00	5,000.00			1.00	5,000.00	1.00	5,000.00	1.00	1.00	5,000.00	100%
6	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1	10,000.00	10,000.00			1.00	10,000.00	1.00	10,000.00	1.00	1.00	10,000.00	100%
7	CONSTRUCTION AREA SIGNS	LS	1	20,000.00	20,000.00			1.00	20,000.00	1.00	20,000.00	1.00	1.00	20,000.00	100%
8	TRAFFIC CONTROL SYSTEM	LS	1	200,000.00	200,000.00			1.00	200,000.00	1.00	200,000.00	1.00	1.00	200,000.00	100%
9	TYPE II BARRICADE	EA	3	150.00	450.00			3.00	450.00	3.00	450.00	3.00	3.00	450.00	0%
10	TYPE III BARRICADE	EA	7	250.00	1,750.00			7.00	1,750.00	7.00	1,750.00	7.00	7.00	1,750.00	0%
11	CHANNELIZER (SURFACE MOUNTED) & CCO 10, 11	EA	750	35.00	26,250.00	370.00	12,950.00	1,120.00	39,200.00	1,120.00	39,200.00	958.00	958.00	33,530.00	86%
12	TEMPORARY PAVEMENT MARKER	EA	3,930	5.00	19,650.00			3,930.00	19,650.00	3,930.00	19,650.00	4,385.00	4,385.00	21,925.00	112%
13	TEMPORARY SIGNAL SYSTEM (LOCATION 1)	LS	1	90,000.00	90,000.00			1.00	90,000.00	1.00	90,000.00	1.00	1.00	90,000.00	100%
14	TEMPORARY SIGNAL SYSTEM (LOCATION 2)	LS	1	100,000.00	100,000.00			1.00	100,000.00	1.00	100,000.00	1.00	1.00	100,000.00	100%
15	PORTABLE CHANGEABLE MESSAGE SIGN (EA)	EA	10	5,000.00	50,000.00			10.00	50,000.00	10.00	50,000.00	10.00	10.00	50,000.00	100%
16	TEMPORARY RAILING (TYPE K) & CCO 20	LF	47,600	10.00	476,000.00	-500.00	-5,000.00	47,100.00	471,000.00	47,100.00	471,000.00	48,431.00	48,431.00	484,310.00	103%
17	TEMPORARY CRASH CUSHION MODULE & CCO 20	EA	290	300.00	87,000.00	-22.00	-6,600.00	268.00	80,400.00	268.00	80,400.00	214.00	214.00	64,200.00	80%
18	TEMPORARY TRAFFIC SCREEN & CCO 29	LF	47,600	2.00	95,200.00	-20,000.00	-40,000.00	27,600.00	55,200.00	27,600.00	55,200.00	1,460.00	1,460.00	2,920.00	5%
19	JOB SITE MANAGEMENT	LS	1	50,000.00	50,000.00			1.00	50,000.00	1.00	50,000.00	1.00	1.00	50,000.00	100%
20	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	30,000.00	30,000.00			1.00	30,000.00	1.00	30,000.00	1.00	1.00	30,000.00	100%
21	STORM WATER ANNUAL REPORT	EA	2	2,000.00	4,000.00			2.00	4,000.00	2.00	4,000.00	2.00	2.00	4,000.00	100%
22	TEMPORARY COVER & CCO 32	SOYD	3,030	6.00	18,180.00	-1,000.00	-6,000.00	2,030.00	12,180.00	2,030.00	12,180.00	81,551.00	81,551.00	8,970.61	47%
23	TEMPORARY SOIL BINDER	SOYD	174,000	0.11	19,140.00			174,000.00	19,140.00	174,000.00	19,140.00	269.00	269.00	1,345.00	43%
24	TEMPORARY CHECK DAM	LF	630	5.00	3,150.00			630.00	3,150.00	630.00	3,150.00	38.00	38.00	7,600.00	58%
25	TEMPORARY DRAINAGE INLET PROTECTION	EA	66	200.00	13,200.00			66.00	13,200.00	66.00	13,200.00	8,189.00	8,189.00	16,378.00	10%
26	TEMPORARY FIBER ROLL & CCO 32	LF	112,000	2.00	224,000.00	-28,000.00	-56,000.00	84,000.00	168,000.00	84,000.00	168,000.00				

PROGRESS MA - RECORD - COUNTY OF RIVERSIDE
 PROJECT: Interstate 15 North Road Interchange Improvement
 County Project No.: BS-0016 - Aid No. STPLN-5958(234)
 Contract No. 15-01-011

City of Menifee

Contractor: Ames Construction, Inc.
 Address: 2000 Anes Dr.
 City, State, Zip: Burnsville, MN 55306

Estimate No.

34 Final
 From: April 26, 2020
 To: December 25, 2020

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Orders Quantity	Amended Contract Quantity	This Estimate Quantity	Previous Quantity	Total Estimate To Date Quantity	Amount		% A/rth.
											Original Contract	This Estimate	
27	TEMPORARY GRAVEL BAG BERM	LF	3,430	5.00	17,150.00		3,430.00	17,150.00	2,269.00	2,269.00	11,345.00	66%	
28	TEMPORARY SILT FENCE	LF	14,200	2.00	28,400.00		14,200.00	28,400.00	12,093.00	12,093.00	24,186.00	85%	
29	TEMPORARY CONSTRUCTION ENTRANCE	EA	12	2,500.00	30,000.00		12.00	30,000.00	12.00	12.00	30,000.00	100%	
30	TEMPORARY CONSTRUCTION ROADWAY	SOYD	300	60.00	18,000.00		300.00	18,000.00	1,000	1,000	70,000.00	0%	
31	STREET SWEEPING	LS	1	70,000.00	70,000.00		1.00	70,000.00	1,000	1,000	35,000.00	100%	
32	TEMPORARY CONCRETE WASHOUT	LS	1	35,000.00	35,000.00		1.00	35,000.00	1,000	1,000	10,000.00	100%	
33	TEMPORARY STREAM CROSSING	LS	1	10,000.00	10,000.00		1.00	10,000.00	1.00	1.00	10,000.00	100%	
34	TEMPORARY CLEAR WATER DIVERSION	LS	1	20,000.00	20,000.00		1.00	20,000.00	1.00	1.00	20,000.00	100%	
35	TEMPORARY FENCE (TYPE ESA)	LF	2,610	3.50	9,135.00		2,610.00	9,135.00	2,965.00	2,965.00	10,377.50	114%	
36	TREATED WOOD WASTE	LB	8,740	0.25	2,185.00		8,740.00	2,185.00	1,480.00	1,480.00	370.00	17%	
37	NOISE MONITORING	LS	1	1,000.00	1,000.00		1.00	1,000.00	1.00	1.00	1,000.00	100%	
38	ABANDON CULVERT	LF	39	40.00	1,560.00		39.00	1,560.00	38.10	38.10	1,524.00	98%	
39	REMOVE CHAIN LINK FENCE	LF	3,630	5.00	18,150.00		3,630.00	18,150.00	3,844.00	3,844.00	19,220.00	106%	
40	REMOVE TEMPORARY TERMINAL SECTION (TYPE K)	EA	2	500.00	1,000.00		2.00	1,000.00	2.00	2.00	1,000.00	100%	
41	REMOVE GUARDRAIL	LF	230	20.00	4,600.00		230.00	4,600.00	287.50	287.50	5,750.00	125%	
42	REMOVE FLARED END SECTION	EA	15	350.00	5,250.00		15.00	5,250.00	15.00	15.00	5,250.00	100%	
43	REMOVE PAINTED TRAFFIC STRIPE & CCO 10, CCO 38	LF	138,000	0.50	69,000.00	68,900.00	206,900.00	103,450.00	200,516.00	200,516.00	100,258.00	97%	
44	REMOVE PAINTED PAVEMENT MARKING	SQFT	2,960	3.50	10,360.00		2,960.00	10,360.00	2,116.00	2,116.00	7,406.00	71%	
45	REMOVE PAVEMENT MARKER & CCO 11	EA	2,350	1.00	2,350.00	1,000.00	3,350.00	3,350.00	4,188.00	4,188.00	4,188.00	125%	
46	REMOVE ROADSIDE SIGN	EA	63	150.00	9,450.00		63.00	9,450.00	63.00	63.00	9,450.00	100%	
47	REMOVE SIGN STRUCTURE	EA	2	7,000.00	14,000.00		2.00	14,000.00	2.00	2.00	14,000.00	100%	
48	REMOVE ASPHALT CONCRETE PAVEMENT	SQFT	13,600	2.00	27,200.00		13,600.00	27,200.00	11,940.00	11,940.00	23,880.00	88%	
49	REMOVE OVERSIDE DRAIN	EA	5	400.00	2,000.00		5.00	2,000.00	5.00	5.00	2,000.00	100%	
50	REMOVE ROCK SLOPE PROTECTION	CY	180	55.00	9,900.00		180.00	9,900.00	177.00	177.00	9,735.00	98%	
51	REMOVE CULVERT	LF	1,360	28.00	38,080.00		1,360.00	38,080.00	1,373.40	1,373.40	38,455.20	101%	
52	REMOVE DOWNDRAIN	EA	2	1,500.00	3,000.00		2.00	3,000.00	2.00	2.00	3,000.00	100%	



PROJECT: Interstate 215 at Newport Road Interchange Improvements in the City of Monticello
 County Project No.: BS-0682, Federal Aid No. STPIN-5956(234)
 Contract No. 15-01-011

Contractor: Ames Construction, Inc.
 Address: 2000 Ames Dr.
 City, State, Zip: Burnsville, MN 55306



Estimate No. 34 Final
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53	REMOVE INLET	EA	10	750.00	7,500.00			10.00	7,500.00		7,500.00	12.00	12.00	9,000.00	120%
54	REMOVE RETAINING WALL	CY	2	500.00	1,000.00			2.00	1,000.00		1,000.00	2.00	2.00	1,000.00	100%
55	RELOCATE ROADSIDE SIGN	EA	8	350.00	2,800.00			8.00	2,800.00		2,800.00	6.00	6.00	2,100.00	75%
56	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	98.500	1.50	147,750.00			98.5000	147,750.00		147,750.00	91,121.20	91,121.20	136,681.80	93%
57	REMOVE CONCRETE	CY	81	150.00	12,150.00			81.00	12,150.00		12,150.00	72.42	72.42	10,863.00	89%
58	REMOVE CONCRETE (CROSS GUTTER)	SQYD	190	20.00	3,800.00			190.00	3,800.00		3,800.00	193.57	193.57	3,871.40	102%
59	REMOVE CONCRETE CURB	LF	3,730	5.00	18,650.00			3,730.00	18,650.00		18,650.00	3,762.00	3,762.00	18,810.00	101%
60	REMOVE CONCRETE SIDEWALK & CCO 22	SQYD	3,240	7.00	22,680.00	24.00	168.00	3,264.00	22,848.00		22,848.00	3,259.00	3,259.00	22,813.00	100%
61	REMOVE CONCRETE (CURB AND GUTTER)	LF	4,640	5.00	23,200.00			4,640.00	23,200.00		23,200.00	4,640.00	4,640.00	23,200.00	100%
62	REMOVE CONCRETE BARRIER	LF	380	25.00	9,500.00			380.00	9,500.00		9,500.00	380.00	380.00	9,500.00	100%
63	REMOVE CONCRETE BARRIER (TYPE K)	LF	2,060	7.00	14,420.00			2,060.00	14,420.00		14,420.00	2,060.00	2,060.00	14,420.00	100%
64	CAP MANHOLE	EA	1	4,000.00	4,000.00			1.00	4,000.00		4,000.00	1.00	1.00	4,000.00	100%
65	REMOVE CRASH CUSHION	EA	3	250.00	750.00			3.00	750.00		750.00	3.00	3.00	750.00	100%
66	BRIDGE REMOVAL	LS	1	170,000.00	170,000.00			1.00	170,000.00		170,000.00	1.00	1.00	170,000.00	100%
67	BRIDGE REMOVAL (PORTION), LOCATION A	LS	1	120,000.00	120,000.00			1.00	120,000.00		120,000.00	1.00	1.00	120,000.00	100%
68	BRIDGE REMOVAL (PORTION), LOCATION B	LS	1	110,000.00	110,000.00			1.00	110,000.00		110,000.00	1.00	1.00	110,000.00	100%
69	CLEARING AND GRUBBING	LS	1	40,000.00	40,000.00			1.00	40,000.00		40,000.00	1.000	1.000	40,000.00	100%
70 (F)	ROADWAY EXCAVATION	CY	165,000	16.00	2,640,000.00			165,000.00	2,640,000.00		2,640,000.00	165,000.00	165,000.00	2,640,000.00	100%
71 (F)	STRUCTURE EXCAVATION (BRIDGE)	CY	3,121	150.00	468,150.00			3,121.00	468,150.00		468,150.00	3,121.00	3,121.00	468,150.00	100%
72 (F)	STRUCTURE EXCAVATION (RETAINING WALL) & CCO 15	CY	3,893	25.00	97,325.00	-82.00	-2,050.00	3,811.00	95,275.00		95,275.00	3,811.00	3,811.00	95,275.00	100%
73 (F)	STRUCTURE EXCAVATION (GROUND ANCHOR WALL)	CY	234	100.00	23,400.00			234.00	23,400.00		23,400.00	234.00	234.00	23,400.00	100%
74 (F)	STRUCTURE BACKFILL (BRIDGE)	CY	2,117	75.00	158,775.00			2,117.00	158,775.00		158,775.00	2,117.00	2,117.00	158,775.00	100%
75 (F)	STRUCTURE BACKFILL (RETAINING WALL) & CCO 15	CY	6,385	35.00	223,475.00	-96.00	-3,360.00	6,289.00	220,115.00		220,115.00	6,289.00	6,289.00	220,115.00	100%
76 (F)	STRUCTURE BACKFILL (GROUND ANCHOR WALL)	CY	26	125.00	3,250.00			26.00	3,250.00		3,250.00	26.00	26.00	3,250.00	100%
77 (F)	PERVIOUS BACKFILL MATERIAL (RETAINING WALL)	CY	256	50.00	12,800.00			256.00	12,800.00		12,800.00	256.00	256.00	12,800.00	100%
78 (F)	CONCRETE BACKFILL	CY	1.2	500.00	600.00			1.20	600.00		600.00	1.20	1.20	600.00	100%

PROJECT: Interstate 215 at Newport Road Interchange Improvements in the City of Menlo Park
 County Project No. B5-0682, Federal Aid No. STPN-5956(234)
 Contract No. 15-01-011

Contractor: Ames Construction, Inc.
 Address: 2000 Ames Dr.
 City, State, Zip: Burnsville, MN 55306

Estimate No. 34 Final
 From: April 26, 2020
 To: December 25, 2020



Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Orders Quantity	Amended Contract Quantity	This Estimate Quantity	Previous Quantity	Total Estimate To Date Quantity	% Auth.
79	IMPORTED BORROW & CCO 14	CY	180,000	0.50	90,000.00	-45,000.00	135,000.00		135,000.00	135,000.00	100%
80	ROCK BLANKET	SQYD	8,020	65.00	521,300.00		8,020.00		8,016.00	8,016.00	100%
81	ROADSIDE CLEARING	LS	1	5,000.00	5,000.00		1.00		1.00	5,000.00	100%
82	ORGANIC FERTILIZER	LB	48	10.00	480.00		48.00		48.00	480.00	100%
83	PLANT (GROUP K) (48" BOX)	EA	16	350.00	5,600.00		16.00		16.00	5,600.00	100%
84	PLANT ESTABLISHMENT WORK (PER MONTH)	EA	36	500.00	18,000.00		36.00		36.00	18,000.00	100%
85	WOOD MULCH	CY	2.4	70.00	168.00		2.40		2.40	168.00	100%
86	CONTROL AND NEUTRAL CONDUCTORS (ARMOR-CLAD)	LS	1	2,000.00	2,000.00		1.00		1.00	2,000.00	100%
87 (P)	1" REMOTE CONTROL VALVE & CCO 39	EA	1	300.00	300.00	4.00	5.00		5.00	1,500.00	100%
88	1" WYE STRAINER ASSEMBLY	EA	1	125.00	125.00		1.00		1.00	125.00	100%
89 (P)	30-42 STATION IRRIGATION CONTROLLER (PEDESTAL MOUNTED) & CCO 39	EA	4	12,000.00	48,000.00	-3.00	1.00		1.00	12,000.00	100%
90	WATER METER	EA	1	22,000.00	22,000.00		1.00		0.45	9,838.25	45%
91 (P)	1" BACKFLOW PREVENTER ASSEMBLY	EA	1	2,000.00	2,000.00		1.00		1.00	2,000.00	100%
92 (P)	BACKFLOW PREVENTER ENCLOSURE	EA	1	2,400.00	2,400.00		1.00		1.00	2,400.00	100%
93 (P)	FLOW SENSOR	EA	1	1,000.00	1,000.00		1.00		1.00	1,000.00	100%
94 (P)	TREE WELL SPRINKLER ASSEMBLY	EA	48	35.00	1,680.00		48.00		48.00	1,680.00	100%
95 (P)	1" GATE VALVE	EA	5	230.00	1,150.00		5.00		5.00	1,150.00	100%
96 (P-F)	3/4" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	2,240	4.00	8,960.00		2,240.00		2,240.00	8,960.00	100%
97 (P-F)	1" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	436	4.30	1,874.80		436.00		436.00	1,874.80	100%
98 (P-F)	1 1/2" PLASTIC PIPE (CLASS 315) (SUPPLY LINE)	LF	1,134	7.00	7,938.00		1,134.00		1,134.00	7,938.00	100%
99 (P-F)	12" BITUMINOUS COATED CORRUGATED STEEL PIPE CONDUIT (0.064" THICK)	LF	852	45.00	38,340.00		852.00		852.00	38,340.00	100%
100	MOVE-IN/MOVE-OUT (EROSION CONTROL)	EA	6	600.00	3,600.00		6.00		2.00	1,200.00	33%
101	ROLLED EROSION CONTROL PRODUCT (NETTING) & CCO 39	SOFT	21,300	1.65	35,145.00	-8,945.00	12,355.00		12,355.00	20,385.75	100%
102	HYDROMULCH	SOFT	878,000	0.05	43,900.00		878,000.00		934,989.00	46,749.45	106%
103	STRAW & CCO 19	SOFT	878,000	0.11	96,580.00	-878,000.00					N/A
104	HYDROSEED	SOFT	900,000	0.11	99,000.00		900,000.00		947,794.00	104,257.34	105%

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract			Amended Contract			This Estimate			Previous			Total Estimate To Date		34 Final Estimate No.	
					Quantity	Amount	Change Orders	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	From:
106	COMPOST	SOFT	900,000	0.50	450,000.00		900,000.00	450,000.00		900,000.00	450,000.00	888,488.00	444,244.00	89%			888,488.00	444,244.00	99%	
106	CLASS 2 AGGREGATE BASE & CCO 20	CY	5,970	40.00	238,800.00	626.00	6,596.00	263,840.00		6,119.30	244,772.00	6,119.30	244,772.00	93%			6,119.30	244,772.00	93%	
107	LEAN CONCRETE BASE	CY	7,910	135.00	1,067,850.00		7,910.00	1,067,850.00		7,910.00	1,067,850.00	7,910.00	1,067,850.00	100%			7,910.00	1,067,850.00	100%	
108	PREPAVING INERTIAL PROFILER	LS	1	2,500.00	2,500.00		1.00	2,500.00		1.00	2,500.00	1.00	2,500.00	100%			1.00	2,500.00	100%	
109	HOT MIX ASPHALT (TYPE C) & CCO 34	TON	9,450	92.00	869,400.00	5,500.00	14,950.00	1,375,400.00		13,593.04	1,250,559.68	13,593.04	1,250,559.68	91%			13,593.04	1,250,559.68	91%	
110	HOT MIX ASPHALT (TYPE A) & CCO 20	TON	7,560	100.00	756,000.00	274.00	7,834.00	783,400.00		6,897.63	689,763.00	6,897.63	689,763.00	88%			6,897.63	689,763.00	88%	
111	RUBBERIZED HOT MIX ASPHALT (GAP GRADED) & CCO 34	TON	4,770	95.00	453,150.00	-4,770.00		-453,150.00						N/A					N/A	
112	SHOULDER RUMBLE STRIP (HMA, GROUND-IN INDENTATIONS)	STA	180	65.00	11,700.00		180.00	11,700.00		173.00	11,245.00	173.00	11,245.00	96%			173.00	11,245.00	96%	
113	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SOYD	61	80.00	4,880.00		61.00	4,880.00		56.00	4,480.00	56.00	4,480.00	92%			56.00	4,480.00	92%	
114	LIQUID ASPHALT (PRIME COAT)	TON	220	1,000.00	220,000.00		220.00	220,000.00		0.142	142.00	0.142	142.00	0%			0.142	142.00	0%	
115	TACK COAT	TON	61	750.00	45,750.00		61.00	45,750.00		38.66	28,995.00	38.66	28,995.00	63%			38.66	28,995.00	63%	
116	JOINED PLAIN CONCRETE PAVEMENT	CY	20,000	195.00	3,900,000.00		20,000.00	3,900,000.00		19,688.00	3,839,160.00	19,688.00	3,839,160.00	98%			19,688.00	3,839,160.00	98%	
117	SHOULDER RUMBLE STRIP (CONCRETE PAVEMENT, GROUND-IN INDENTATIONS)	STA	56	200.00	11,200.00		56.00	11,200.00		56.00	11,200.00	56.00	11,200.00	100%			56.00	11,200.00	100%	
118	JOINT SEAL (PERFORMED COMPRESSION)	LF	73,400	3.50	256,900.00		73,400.00	256,900.00		40,948.00	143,318.00	40,948.00	143,318.00	56%			40,948.00	143,318.00	56%	
119	ISOLATION JOINT SEAL (SILICONE)	LF	2,400	9.00	21,600.00		2,400.00	21,600.00		2,289.00	20,601.00	2,289.00	20,601.00	95%			2,289.00	20,601.00	95%	
120 (F)	GROUND ANCHOR (SUBHORIZONTAL) & CCO 3	EA	66	3,500.00	231,000.00	-6.00	60.00	210,000.00		60.00	210,000.00	60.00	210,000.00	100%			60.00	210,000.00	100%	
121 (F)	FURNISH STEEL PILING (HP 14 X 89)	LF	5,348	50.00	267,400.00		5,348.00	267,400.00		5,519.00	275,950.00	5,519.00	275,950.00	103%			5,519.00	275,950.00	103%	
122	DRIVE STEEL PILE (HP 14 X 89)	EA	110	2,000.00	220,000.00		110.00	220,000.00		110.00	220,000.00	110.00	220,000.00	100%			110.00	220,000.00	100%	
123	16" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	2,570	85.00	218,450.00		2,570.00	218,450.00		2,586.30	219,835.50	2,586.30	219,835.50	101%			2,586.30	219,835.50	101%	
124	24" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	2,950	160.00	472,000.00		2,950.00	472,000.00		2,943.57	470,971.20	2,943.57	470,971.20	100%			2,943.57	470,971.20	100%	
125	60" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	73	750.00	54,750.00		73.00	54,750.00		73.00	54,750.00	73.00	54,750.00	100%			73.00	54,750.00	100%	
126 (F)	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	1	200,000.00	200,000.00		1.00	200,000.00		1.00	200,000.00	1.00	200,000.00	100%			1.00	200,000.00	100%	
127 (F)	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	683	275.00	187,825.00		683.00	187,825.00		683.00	187,825.00	683.00	187,825.00	100%			683.00	187,825.00	100%	
128 (F)	STRUCTURAL CONCRETE, BRIDGE	CY	2,835	780.00	2,211,300.00		2,835.00	2,211,300.00		2,835.00	2,211,300.00	2,835.00	2,211,300.00	100%			2,835.00	2,211,300.00	100%	
129 (F)	STRUCTURAL CONCRETE, RETAINING WALL & CCO 15	CY	1,953	400.00	781,200.00	-29.50	1,923.50	769,400.00		1,923.50	769,400.00	1,923.50	769,400.00	100%			1,923.50	769,400.00	100%	
130 (F)	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	200	750.00	150,000.00		200.00	150,000.00		200.00	150,000.00	200.00	150,000.00	100%			200.00	150,000.00	100%	

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PROJECT: Interstate 215 at Newport Road Interchange Improvements in the City of Monroeville
 County Project No.: B5-0682, Federal Aid No. STPLN-5956(234)
 Contract No.: 15-01-011



Estimate No. 34 Final
 From: April 26, 2020
 To: December 25, 2020

PROJECT: Interstate 215 at Newport Road Interchange Improvements in the City of Menifee
 County Project No.: B5-0682, Federal Aid No. STPLN-5956(234)
 Contract No.: 15-01-011

Contractor: Ames Construction, Inc.
 Address: 2000 Ames Dr.
 City, State, Zip: Burnsville, MN 55306

Estimate No. 34 Final
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131 (F)	STRUCTURAL CONCRETE, BOX CULVERT	CY	2,434	530.00	1,290,020.00			2,434.00	1,290,020.00			2,434.00	2,434.00	1,290,020.00	100%
132 (F)	MINOR CONCRETE	CY	51	550.00	28,050.00			51.00	28,050.00			51.00	51.00	28,050.00	100%
133 (F)	MINOR CONCRETE (MINOR STRUCTURE)	CY	114	1,500.00	171,000.00			114.00	171,000.00			114.00	114.00	171,000.00	100%
134 (F)	ARCHITECTURAL SURFACE (BARRIER)	SQFT	1,601	25.00	40,025.00			1,601.00	40,025.00			1,601.00	1,601.00	40,025.00	100%
135 (F)	FRACTURED RIB TEXTURE	SQFT	18,037	4.00	72,148.00			18,037.00	72,148.00			18,037.00	18,037.00	72,148.00	100%
136	DRILL AND BOND DOWEL	LF	96	25.00	2,400.00			96.00	2,400.00			114.50	114.50	2,862.50	119%
137 (P)	JOINT SEAL (MR 2") & CCO 28S1	LF	184	110.00	20,240.00	100.00	11,000.00	284.00	31,240.00			284.00	284.00	31,240.00	100%
138 (P-F)	BAR REINFORCING STEEL (BRIDGE)	LB	1,107,234	1.20	1,328,680.80			1,107,234.00	1,328,680.80			1,107,234.00	1,107,234.00	1,328,680.80	100%
130 (P-F)	BAR REINFORCING STEEL (RETAINING WALL) & CCO 15	LB	329,055	1.20	394,866.00	-4,964.00	-5,956.80	324,091.00	388,909.20			324,091.00	324,091.00	388,909.20	100%
140 (P-F)	BAR REINFORCING STEEL (BOX CULVERT)	LB	497,561	1.05	522,439.05			497,561.00	522,439.05			497,561.00	497,561.00	522,439.05	100%
141	SHOTCRETE	CY	83	550.00	45,650.00			83.00	45,650.00			97.76	97.76	53,768.00	118%
142 (F)	FURNISH SIGN STRUCTURE (TRUSS)	LB	55,930	4.00	223,720.00			55,930.00	223,720.00			55,930.00	55,930.00	223,720.00	100%
143 (F)	INSTALL SIGN STRUCTURE (TRUSS)	LB	55,930	0.20	11,186.00			55,930.00	11,186.00			55,930.00	55,930.00	11,186.00	100%
144	FURNISH LAMINATED PANEL SIGN (1"-TYPE A)	SQFT	490	20.00	9,800.00			490.00	9,800.00			490.00	490.00	9,800.00	100%
145	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	SQFT	1,050	20.00	21,000.00			1,050.00	21,000.00			1,066.00	1,066.00	21,320.00	102%
146	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)	SQFT	430	18.00	7,740.00			430.00	7,740.00			426.00	426.00	7,668.00	99%
147	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-FRAMED)	SQFT	200	18.00	3,600.00			200.00	3,600.00			191.50	191.50	3,447.00	96%
148	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-FRAMED)	SQFT	220	18.00	3,960.00			220.00	3,960.00			211.75	211.75	3,811.50	96%
149	METAL (RAIL MOUNTED SIGN) & CCO 12	LB	160	10.00	1,600.00	376.00	3,760.00	536.00	5,360.00			646.00	646.00	6,460.00	121%
150	ROADSIDE SIGN - ONE POST & CCO 12	EA	110	250.00	27,500.00	-1.00	-250.00	109.00	27,250.00			112.00	112.00	28,000.00	103%
151	ROADSIDE SIGN - TWO POST	EA	10	500.00	5,000.00			10.00	5,000.00			3.00	3.00	1,500.00	30%
152	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	3	100.00	300.00			3.00	300.00			3.00	3.00	300.00	100%
153	INSTALL SIGN (MAST-ARM HANGER METHOD)	EA	9	350.00	3,150.00			9.00	3,150.00			9.00	9.00	3,150.00	100%
154	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX POST)	EA	2	550.00	1,100.00			2.00	1,100.00			2.00	2.00	1,100.00	100%
155 (P)	18" ALTERNATIVE PIPE CULVERT & CCO 11	LF	1,571	48.00	75,408.00	-156.00	-7,488.00	1,415.00	67,920.00			1,412.00	1,412.00	67,776.00	100%
156 (P)	24" ALTERNATIVE PIPE CULVERT	LF	399	55.00	21,945.00			399.00	21,945.00			399.00	399.00	21,945.00	100%

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157 (P)	33" ALTERNATIVE PIPE CULVERT	LF	13	165.00	2,145.00		13.00	2,145.00		319.00	319.00	0%
158 (P)	18" REINFORCED CONCRETE PIPE & CCO 11	LF	167	65.00	10,855.00	156.00	10,140.00	20,995.00		319.00	319.00	99%
159 (P)	24" REINFORCED CONCRETE PIPE	LF	1,307	70.00	91,490.00			91,490.00		1,307.00	1,307.00	100%
160 (P)	30" REINFORCED CONCRETE PIPE	LF	28	100.00	2,800.00			2,800.00		28.00	28.00	100%
161 (P)	36" REINFORCED CONCRETE PIPE	LF	180	110.00	19,800.00			19,800.00		179.00	179.00	99%
162	DRAINAGE INLET MARKER	EA	9	10.00	90.00			90.00		9.00	9.00	100%
163	GRADED LINE DRAIN	LF	70	125.00	8,750.00			8,750.00		87.00	87.00	124%
164	18" ALTERNATIVE FLARED END SECTION	EA	4	350.00	1,400.00			1,400.00		4.00	4.00	100%
165	24" ALTERNATIVE FLARED END SECTION	EA	3	450.00	1,350.00			1,350.00		3.00	3.00	100%
166	36" PRECAST CONCRETE PIPE INLET	LF	33	350.00	11,550.00			11,550.00		30.20	30.20	92%
167	36" PRECAST CONCRETE PIPE MANHOLE	LF	52	200.00	10,400.00			10,400.00		51.30	51.30	99%
168 (F)	ROCK SLOPE PROTECTION (1/4T, METHOD B)	CY	259	90.00	23,310.00			23,310.00		259.00	259.00	100%
169 (F)	ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	548	90.00	49,320.00			49,320.00		548.00	548.00	100%
170 (F)	ROCK SLOPE PROTECTION (NO. 2, METHOD B)	CY	143	90.00	12,870.00			12,870.00		143.00	143.00	100%
171	CONCRETE (CHANNEL LINING)	CY	390	400.00	156,000.00			156,000.00		357.29	357.29	92%
172	CONCRETE (CONCRETE APRON)	CY	7	600.00	4,200.00			4,200.00		8.02	8.02	115%
173 (P)	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	SOYD	1,233	6.00	7,398.00			7,398.00		923.00	923.00	75%
174	DETECTABLE WARNING SURFACE & CCO 11	SOFT	52	50.00	2,600.00	170.00	8,500.00	11,100.00		192.50	192.50	87%
175	MINOR CONCRETE (CURB)	CY	310	425.00	131,750.00			131,750.00		306.05	306.05	99%
176	MINOR CONCRETE (GUTTER)	LF	110	50.00	5,500.00			5,500.00		110.00	110.00	100%
177	MINOR CONCRETE (GUTTER)	CY	40	375.00	15,000.00			15,000.00		40.00	40.00	100%
178	MINOR CONCRETE (GUTTER DEPRESSION)	CY	21	475.00	9,975.00			9,975.00		26.00	26.00	124%
179	MINOR CONCRETE (ISLAND PAVING)	CY	3	700.00	2,100.00			2,100.00		3.00	3.00	100%
180	MINOR CONCRETE (SIDEWALK) & CCO 22	CY	180	325.00	58,500.00	2.00	650.00	59,150.00		186.57	186.57	103%
181	MINOR CONCRETE (CURB RAMP)	CY	15	650.00	9,750.00			9,750.00		15.00	15.00	100%
182 (P-F)	MISCELLANEOUS IRON AND STEEL	LB	16,326	1.50	24,489.00			24,489.00		16,326.00	16,326.00	100%



PROJECT: Interstate 215 at Newport Road Interchange Improvements in the City of Manifee
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Item No.	Units	Item Description	Quantity	Unit Price	Original Contract Amount	Change Orders Quantity	Change Orders Amount	Amended Contract Quantity	Amended Contract Amount	This Estimate Quantity	This Estimate Amount	Previous Quantity	Total Estimate To Date Quantity	Total Estimate To Date Amount	% Auth.
183 (P-F)	LB	MISCELLANEOUS METAL (BRIDGE)	6,757	3.50	23,649.50			6,757.00	23,649.50			6,757.00	6,757.00	23,649.50	100%
184 (P-F)	LS	BRIDGE DECK DRAINAGE SYSTEM	1	425,000.00	425,000.00			1.00	425,000.00			1.00	1.00	425,000.00	100%
185	LF	TEMPORARY FENCE (TYPE CL-6)	4,070	8.00	32,560.00			4,070.00	32,560.00			3,336.00	3,336.00	26,688.00	82%
186 (P)	LF	CHAIN LINK FENCE (TYPE CL-3.5)	574	30.00	17,220.00			574.00	17,220.00			574.00	574.00	17,220.00	100%
187 (P)	LF	CHAIN LINK FENCE (TYPE CL-6)	3,829	30.00	114,870.00			3,829.00	114,870.00			3,890.00	3,890.00	116,700.00	102%
188 (P)	EA	6' CHAIN LINK GATE (TYPE CL-6)	4	1,300.00	5,200.00			4.00	5,200.00			4.00	4.00	5,200.00	100%
189 (P)	EA	16' CHAIN LINK GATE (TYPE CL-6)	1	2,500.00	2,500.00			1.00	2,500.00			1.00	1.00	2,500.00	100%
190	EA	DELINEATOR (CLASS 1)	96	40.00	3,840.00			96.00	3,840.00			114.00	114.00	4,560.00	119%
191 (P)	LF	MIDWEST GUARDRAIL SYSTEM	1,934	28.00	54,152.00			1,934.00	54,152.00			2,037.03	2,037.03	57,036.84	105%
192	SQYD	VEGETATION CONTROL (MINOR CONCRETE)	990	40.00	39,600.00			990.00	39,600.00			1,214.00	1,214.00	48,560.00	123%
193 (P-F)	LF	METAL RAILING & CCO 15	603	50.00	30,150.00	200.00	10,000.00	803.00	40,150.00			803.00	803.00	40,150.00	100%
194	EA	PEDESTRIAN BARRICADE	3	1,000.00	3,000.00			3.00	3,000.00			3.00	3.00	3,000.00	100%
195 (F)	LF	CONCRETE BARRIER (TYPE 26 MODIFIED) & CCO 15	345	175.00	60,375.00	80.00	14,000.00	425.00	74,375.00			425.00	425.00	74,375.00	100%
196 (F-F)	LF	CABLE RAILING	203	15.00	3,045.00			203.00	3,045.00			203.00	203.00	3,045.00	100%
197 (P)	EA	TRANSITION RAILING (TYPE WB-31)	6	3,500.00	21,000.00			6.00	21,000.00			6.00	6.00	21,000.00	100%
198	EA	END CAP (TYPE A)	1	350.00	350.00			1.00	350.00			1.00	1.00	350.00	100%
199	EA	END CAP (TYPE TC)	6	450.00	2,700.00			6.00	2,700.00			6.00	6.00	2,700.00	100%
200	EA	END ANCHOR ASSEMBLY (TYPE SFT)	10	800.00	8,000.00			10.00	8,000.00			11.00	11.00	8,800.00	110%
201	EA	ALTERNATIVE IN-LINE TERMINAL SYSTEM	8	3,200.00	25,600.00			8.00	25,600.00			8.00	8.00	25,600.00	100%
202	EA	ALTERNATIVE FLARED TERMINAL SYSTEM	7	2,600.00	18,200.00			7.00	18,200.00			7.00	7.00	18,200.00	100%
203	LF	CONCRETE BARRIER (TYPE 60)	81	120.00	9,720.00			81.00	9,720.00			91.00	91.00	10,920.00	112%
204	LF	CONCRETE BARRIER (TYPE 60C)	170	160.00	27,200.00			170.00	27,200.00			162.00	162.00	25,920.00	95%
205	LF	CONCRETE BARRIER (TYPE 60D)	130	90.00	11,700.00			130.00	11,700.00			124.00	124.00	11,160.00	95%
206	LF	CONCRETE BARRIER (TYPE 60GE)	380	140.00	53,200.00			380.00	53,200.00			338.00	338.00	47,320.00	89%
207 (F)	LF	CONCRETE BARRIER (TYPE 732 MODIFIED)	781	90.00	70,290.00			781.00	70,290.00			781.00	781.00	70,290.00	100%
208 (F)	LF	CONCRETE BARRIER (TYPE 736A)	724	90.00	65,160.00			724.00	65,160.00			724.00	724.00	65,160.00	100%

PROJECT: Interstate 215 at Newport Road Interchange Improvements in the City of Manifee
 County Project No.: BS-0682, Federal Aid No. STPLN-5958(234)
 Contract No. 15-01-011

Contractor: Arnes Construction, Inc.
 Address: 2000 Ames Dr.
 City, State, Zip: Burnsville, MN 55306

Estimate No. 34 Final
 From: April 26, 2020
 To: December 25, 2020



Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Orders Quantity	Change Orders Amount	Awarded Contract Quantity	Awarded Contract Amount	This Estimate Quantity	This Estimate Amount	Previous Quantity	Total Estimate To Date Quantity	Total Estimate To Date Amount	% Auth
208 (F)	CONCRETE BARRIER (TYPE 736 MODIFIED)	LF	89	150.00	13,350.00			89.00	13,350.00		13,350.00	89.00	89.00	13,350.00	100%
210 (F)	CONCRETE BARRIER (TYPE 736A MODIFIED)	LF	505	120.00	60,600.00			505.00	60,600.00		60,600.00	505.00	505.00	60,600.00	100%
211	THERMOPLASTIC PAVEMENT MARKING	SOFT	2,280	4.00	9,120.00			2,280.00	9,120.00		9,120.00	2,850.00	2,850.00	11,400.00	125%
212	THERMOPLASTIC TRAFFIC STRIPE	LF	123,000	0.30	36,900.00			123,000.00	36,900.00		36,900.00	123,404.00	123,404.00	37,021.20	100%
213	PAINT TRAFFIC STRIPE (2-COAT) & CCO 10, CCO 38	LF	201,000	0.30	60,300.00	65,080.00	19,524.00	266,080.00	79,824.00		79,824.00	264,898.00	264,898.00	79,469.40	100%
214	PAINT PAVEMENT MARKING (2-COAT)	SOFT	3,600	3.00	10,800.00			3,600.00	10,800.00		10,800.00	2,893.00	2,893.00	8,679.00	80%
215 (P)	PAVEMENT MARKER (NON-REFLECTIVE)	E - A	2,636	1.50	3,954.00			2,636.00	3,954.00		3,954.00	3,052.00	3,052.00	4,578.00	116%
216 (P)	PAVEMENT MARKER (RETROREFLECTIVE) & CCO 10	E - A	2,496	3.00	7,488.00			3,116.00	9,348.00		9,348.00	2,620.00	2,620.00	7,860.00	84%
217	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	L - S	1	10,000.00	10,000.00			1.00	10,000.00		10,000.00	1.00	1.00	10,000.00	100%
218 (P)	SIGNAL AND LIGHTING (LOCATION 1)	L - S	1	185,000.00	185,000.00		620.00	1.00	185,000.00		185,000.00	1.00	1.00	185,000.00	100%
219 (P)	SIGNAL AND LIGHTING (LOCATION 2)	L - S	1	185,000.00	185,000.00			1.00	185,000.00		185,000.00	1.00	1.00	185,000.00	100%
220 (P)	LIGHTING (LOCATION STREET)	LS	1	100,000.00	100,000.00			1.00	100,000.00		100,000.00	1.00	1.00	100,000.00	100%
221	RAMP METERING SYSTEM (LOCATION 1)	LS	1	60,000.00	60,000.00			1.00	60,000.00		60,000.00	1.00	1.00	60,000.00	100%
222	RAMP METERING SYSTEM (LOCATION 2)	LS	1	150,000.00	150,000.00			1.00	150,000.00		150,000.00	1.00	1.00	150,000.00	100%
223	RAMP METERING SYSTEM (LOCATION 3)	LS	1	45,000.00	45,000.00			1.00	45,000.00		45,000.00	1.00	1.00	45,000.00	100%
224	RAMP METERING SYSTEM (LOCATION 4)	LS	1	145,000.00	145,000.00			1.00	145,000.00		145,000.00	1.00	1.00	145,000.00	100%
225	MODIFY SIGNAL AND LIGHTING (LOCATION 1)	LS	1	18,000.00	18,000.00			1.00	18,000.00		18,000.00	1.00	1.00	18,000.00	100%
226	MODIFY SIGNAL AND LIGHTING (LOCATION 2)	LS	1	170,000.00	170,000.00			1.00	170,000.00		170,000.00	1.00	1.00	170,000.00	100%
227	MODIFY LIGHTING AND SIGN ILLUMINATION	LS	1	400,000.00	400,000.00			1.00	400,000.00		400,000.00	1.00	1.00	400,000.00	100%
228	COMMUNICATION SYSTEM	LS	1	170,000.00	170,000.00			1.00	170,000.00		170,000.00	1.00	1.00	170,000.00	100%
229	MOBILIZATION	LS	1	1,520,400.00	1,520,400.00			1.00	1,520,400.00		1,520,400.00	0.93	0.925	1,406,370.00	93%
230	DUST CONTROL	LS	1	20,000.00	20,000.00			1.00	20,000.00		20,000.00	1.00	1.00	20,000.00	100%
231	FUNDING AWARENESS SIGN	EA	2	5,000.00	10,000.00			2.00	10,000.00		10,000.00	2.00	2.00	10,000.00	100%
232 (P)	12" WELDED STEEL PIPE CASING (BRIDGE)	LS	1	70,000.00	70,000.00			1.00	70,000.00		70,000.00	1.00	1.00	70,000.00	100%
233	PERMANENT WATERLINE FACILITIES (LOCATION A AND B)	LS	1	400,000.00	400,000.00			1.00	400,000.00		400,000.00	1.00	1.00	400,000.00	100%
234	PERMANENT WATERLINE FACILITIES (LOCATION C)	LS	1	230,000.00	230,000.00			1.00	230,000.00		230,000.00	1.00	1.00	230,000.00	100%

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Orders Quantity	Amended Contract Quantity	This Estimate Quantity	Previous Quantity	Total Estimate To Date Quantity	Estimate No.		% Achk.
											Amount	Amount	
CCO 1	PLACE MAINTAIN AND REMOVE CONSTRUCTION AREA DETOUR SIGNS	LS	0	1.00	0.00	10,843.36	10,843.36	10,843.36	10,843.36	10,843.36	10,843.36	April 26, 2020	100%
CCO 1	ADDITIONAL SIGNS FOR PUBLIC CONVENIENCE	FA	0	1.00	0.00	10,000.00	10,000.00	10,000.00	8,143.53	8,143.53	8,143.53	December 25, 2020	81%
CCO 1S1	PLACE, MAINTAIN AND REMOVE CONSTRUCTION AREA DETOUR SIGNS	FA	0	1.00	0.00	50,000.00	50,000.00	50,000.00	43,027.36	43,027.36	43,027.36		86%
CCO 4	MODIFY COMMUNICATION SYSTEM	AP	0	1.00	0.00	-600.00	-600.00	-600.00	-600.00	-600.00	-600.00		100%
CCO 5	BURIED MAN MADE OBJECTS & UTILITIES	FA	0	1.00	0.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00		100%
CCO 5S1	BURIED MAN MADE OBJECTS & UTILITIES	FA	0	1.00	0.00	25,000.00	25,000.00	25,000.00	24,923.54	24,923.54	24,923.54		100%
CCO 6	SOIL STABILIZATION	FA	0	1.00	0.00	20,000.00	20,000.00	20,000.00	14,031.31	14,031.31	14,031.31		70%
CCO 7	ROADWAY EXCAVATION	FA	0	1.00	0.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00		100%
CCO 7S1	ROADWAY EXCAVATION	FA	0	1.00	0.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00		100%
CCO 7S2	ROADWAY EXCAVATION	FA	0	1.00	0.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00		100%
CCO 8	INSTALL GATEWAY MONUMENTS & ANTI GRAFFITI COATING, ADDITIONAL ROCK BLANKET	LS	0	1.00	0.00	93,839.69	93,839.69	93,839.69	93,839.69	93,839.69	93,839.69		100%
CCO 9	ALTERNATIVE DISPUTE RESOLUTION	FA	0	1.00	0.00	25,000.00	25,000.00	25,000.00	11,775.00	11,775.00	11,775.00		47%
CCO 10	TRAFFIC CONTROL, TEMPORARY CONSTRUCTION SIGNS, OVERTIME PREMIUM	FA	0	1.00	0.00	25,000.00	25,000.00	25,000.00	3,066.53	3,066.53	3,066.53		12%
CCO 11	PAYMENT ADJUSTMENT ASPHALT BINDER	AP	0	1.00	0.00	-2,500.00	-2,500.00	-2,500.00	-2,500.00	-2,500.00	-2,500.00		100%
CCO 12	TYPE XI RETROREFLECTIVE SHEETING	AP	0	1.00	0.00	5,500.00	5,500.00	5,500.00	5,500.00	5,500.00	5,500.00		100%
CCO 15	REMOVE & REINSTALL FORMS	FA	0	1.00	0.00	3,600.00	3,600.00	3,600.00	2,166.72	2,166.72	2,166.72		60%
CCO 16	MODIFY PIPE INSTALLATION	AP	0	1.00	0.00	109,259.99	109,259.99	109,259.99	109,259.99	109,259.99	109,259.99		100%
CCO 17	REFINISH BRIDGE DECK	FA	0	1.00	0.00	12,000.00	12,000.00	12,000.00	12,000.00	12,000.00	12,000.00		100%
CCO 17S1	REFINISH BRIDGE DECK	FA	0	1.00	0.00	5,000.00	5,000.00	5,000.00	3,122.81	3,122.81	3,122.81		62%
CCO 18	REVISED DRAINAGE AT SALT CREEK BRIDGE	FA	0	1.00	0.00	30,000.00	30,000.00	30,000.00	20,805.89	20,805.89	20,805.89		69%
CCO 19	INCREASE WOOD FIBER & TACKIFIER HYDROMULCH (ITEM 102)	AP	0	0.05972665	0.00	52,440.00	878,000.00	52,440.00	794,467.00	794,467.00	47,450.85		90%
CCO 21	MODIFY TEMPORARY SIGNAL AND LIGHTING SYSTEMS	AP	0	1.00	0.00	16,668.30	16,668.30	16,668.30	16,668.30	16,668.30	16,668.30		100%
CCO 21	INSTALL CONCRETE CURB, BACKFILL, RE-GRADE & CAP ALL IRRIGATION	FA	0	1.00	0.00	20,000.00	20,000.00	20,000.00	18,510.95	18,510.95	18,510.95		93%
CCO 22	SETTLEMENT WITH VELO CORINTHIANS LIMITED PARTNERSHIP (YELLOW BASKET)	STMT	0	1.00	0.00	20,000.00	20,000.00	20,000.00	19,787.79	19,787.79	19,787.79		99%
CCO 22	INSTALL CABLE RAILING	AP	0	1.00	0.00	9,450.00	9,450.00	9,450.00	9,450.00	9,450.00	9,450.00		100%
CCO 23		AP	0	1.00	0.00	10,098.20	10,098.20	10,098.20	10,098.20	10,098.20	10,098.20		100%

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PROJECT: Interstate 215 at Newport Road Interchange Improvements in the City of Menifee
 County Project No.: B5-0662, Federal Aid No. STPLN-5956(234)
 Contract No. 15-01-011



Item No.	Item Description	Units	Quantity	Unit Price	Original Contract		Change Orders		Amended Contract		This Estimate		Previous		Total Estimate To Date	% Auth
					Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity		
CCO 23	MODIFY BRIDGE BARRIER	FA	0	1.00	0.00	20,000.00	20,000.00	0.00	20,000.00	20,000.00	13,324.01	13,324.01	13,324.01	13,324.01	67%	
CCO 24	CONSTRUCT LINE B TEMPORARY DETOUR	AP	0	1.00	0.00	-5,000.00	-5,000.00	0.00	-5,000.00	-5,000.00	-5,000.00	-5,000.00	-5,000.00	-5,000.00	100%	
CCO 25	TEMPORARY STAGING	AP	0	1.00	0.00	-5,000.00	-5,000.00	0.00	-5,000.00	-5,000.00	-5,000.00	-5,000.00	-5,000.00	-5,000.00	100%	
CCO 27	INSTALL AIR VACUUM AND AIR RELEASE VALVE	AP	0	1.00	0.00	11,794.72	11,794.72	0.00	11,794.72	11,794.72	11,794.72	11,794.72	11,794.72	11,794.72	100%	
CCO 28	INSTALL 60L TYPE A JOINT SEAL	AP	0	1.00	0.00	4,152.26	4,152.26	0.00	4,152.26	4,152.26	4,152.26	4,152.26	4,152.26	4,152.26	100%	
CCO 28S1	INSTALL 60L TYPE A JOINT SEAL & REMOVE JOINT SEAL	FA	0	1.00	0.00	6,259.20	6,259.20	0.00	6,259.20	6,259.20	4,259.20	4,259.20	4,259.20	4,259.20	68%	
CCO 29	DRILL ROCK FOR SHORING AT BRIDGE ABUTMENTS	FA	0	1.00	0.00	173,413.77	173,413.77	0.00	173,413.77	173,413.77	173,413.77	173,413.77	173,413.77	173,413.77	100%	
CCO 30	COZEEP	FA	0	1.00	0.00	149,000.00	149,000.00	0.00	149,000.00	149,000.00	142,709.74	142,709.74	142,709.74	142,709.74	96%	
CCO 30S1	COZEEP	FA	0	1.00	0.00	149,000.00	149,000.00	0.00	149,000.00	149,000.00	147,923.36	147,923.36	147,923.36	147,923.36	99%	
CCO 30S2	COZEEP	FA	0	1.00	0.00	149,000.00	149,000.00	0.00	149,000.00	149,000.00	44,317.59	44,317.59	44,317.59	44,317.59	30%	
CCO 31	ALTERNATIVE FLARED TERMINAL SYSTEM	AP	0	1.00	0.00	2,896.08	2,896.08	0.00	2,896.08	2,896.08	2,896.00	2,896.00	2,896.00	2,896.00	100%	
CCO 32	INCORPORATE MATERIALS	AP	0	0.23	0.00	211,949.83	211,949.83	0.00	211,949.83	211,949.83	888,488.00	888,488.00	204,352.24	204,352.24	96%	
CCO 33	IRRIGATION SUPPLY LINE	AP	0	1.00	0.00	9,477.23	9,477.23	0.00	9,477.23	9,477.23	9,477.23	9,477.23	9,477.23	9,477.23	100%	
CCO 35	EMWD WATERLINE	AP	0	1.00	0.00	34,470.16	34,470.16	0.00	34,470.16	34,470.16	34,470.16	34,470.16	34,470.16	34,470.16	100%	
CCO 36	HYDROSEED SALT CREEK AREA	AP	0	1.00	0.00	5,720.00	5,720.00	0.00	5,720.00	5,720.00	5,720.00	5,720.00	5,720.00	5,720.00	100%	
CCO 36	REMOVE TAMERISK	FA	0	1.00	0.00	10,000.00	10,000.00	0.00	10,000.00	10,000.00	4,599.43	4,599.43	4,599.43	4,599.43	46%	
CCO 37	CALTRANS SAFETY COMMITTEE	LS	0	1.00	0.00	35,559.10	35,559.10	0.00	35,559.10	35,559.10	35,559.10	35,559.10	35,559.10	35,559.10	100%	
CCO 37	CALTRANS SAFETY COMMITTEE	FA	0	1.00	0.00	55,000.00	55,000.00	0.00	55,000.00	55,000.00	54,552.81	54,552.81	54,552.81	54,552.81	99%	
CCO 37S1	CALTRANS SAFETY COMMITTEE	FA	0	1.00	0.00	17,000.00	17,000.00	0.00	17,000.00	17,000.00	14,687.21	14,687.21	14,687.21	14,687.21	86%	
CCO 38	CONTRAST STRIPING	AP	0	0.30	0.00	50,300.00	15,090.00	0.00	15,090.00	50,300.00	47,382.00	47,382.00	47,382.00	47,382.00	94%	
CCO 39	ADJUSTMENT OF LANDSCAPE ITEMS	LS	0	1.00	0.00	8,565.19	8,565.19	0.00	8,565.19	8,565.19	8,565.19	8,565.19	8,565.19	8,565.19	100%	
CCO 41	ADDITIONAL ELECTRICAL ITEMS	LS	0	1.00	0.00	26,924.15	26,924.15	0.00	26,924.15	26,924.15	26,924.15	26,924.15	26,924.15	26,924.15	100%	
CCO 42	STAIN ACORNS	FA	0	1.00	0.00	13,500.00	13,500.00	0.00	13,500.00	13,500.00	12,490.35	12,490.35	12,490.35	12,490.35	93%	
CCO 43	WATER SLOPES FOR HYDROSEED	43.00	0	1.00	0.00	25,000.00	25,000.00	0.00	25,000.00	25,000.00	20,229.65	20,229.65	20,229.65	20,229.65	81%	
CCO 44	MOWING	FA	0	1.00	0.00	30,000.00	30,000.00	0.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	100%	
CCO 44S1	MOWING	FA	0	1.00	0.00	60,500.00	60,500.00	0.00	60,500.00	60,500.00	56,493.37	56,493.37	56,493.37	56,493.37	93%	

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PROJECT: Interstate 215 at Newport Road Interchange Improvements in the City of Monticello
 County Project No.: BS-0682, Federal Aid No. STPLN-5958(234)
 Contract No. 15-01-011



Estimate No. 34 Final
 From: April 26, 2020
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 Address: 2000 Ames Dr.
 City, State, Zip: Burnsville, MN 55306

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Orders Quantity	Amount	Amended Contract Quantity	Amount	This Estimate Quantity	Amount	Previous Quantity	Amount	Total Estimate To Date Quantity	Amount	% Adjt.
DEDUCT	ADMINISTRATIVE DEDUCTIONS	ADJ	0	1.00	0.00							-43,617.06	-43,617.06	-43,617.06	-43,617.06	N/A
DEDUCT	ASPHALT OIL INDEX ADJUSTMENT	ADJ	0	1.00	0.00							-167,853.29	-167,853.29	-167,853.29	-167,853.29	N/A
PROJECT TOTAL					31,133,024.15		1,889,019.18		33,022,043.33		0.00				31,531,327.33	

Made by: Lucas Rathke
 Checked by: Melanie Egles
 OK Const. Supv.: *HD*

Working Days:
 Days Added: 5-18-15
 End Date: 4-1-19
 % \$ Complete: 95%
 Original Contract: \$31,133,024.15
 Amended Contract: \$33,022,043.33

TOTAL VALUE OF WORK TO DATE: \$31,531,327.33
 LESS RETENTION: 0%
 TOTAL DUE TO DATE: \$31,531,327.33
 LESS PREVIOUSLY INVOICED: 31,531,327.33
 TOTAL DUE THIS PAYMENT: \$0.00

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Payment Approval

FUND: 20000

DEPT. ID.: 31305

ACCOUNT: 527980

PROJECT: ZB5-0682E

ACTIVITY ID.: Z3500

RESOURCE CNT

SIGNATURE: *Lindi A. Wachu*

DATE: 02/24/2021

Transfiscal Approved
 By: Lori Conrad 5*3461
 Feb 24, 2021

CHANGE ORDER REPORT
(Newport Road at I-215 Interchange Project)

CCO #	Amount	Percent	Description
	Original Contract Amount \$31,133,302		
1	\$20,843	0.07%	The CHP requested that Newport Road be closed during the freeway closures to increase the safety and flow of traffic on the on/off ramps, reducing queuing traffic on the freeway. Detour signs for the closure of Newport Road from Antelope Road to Haun Road were provided to the Contractor. This detour was developed by the Designer and was not a part of the original contract package.
1S1	\$50,000	0.16%	Additional funds were needed to provide speed reduction signage and barricades for 1215 and Newport Road to enhance public safety and convenience.
2	\$0.00	0.00%	Removal of the haunch at the top of the stem of Caltrans Type 1 Retaining Walls that have a safety barrier.
3	-\$21,000	-0.07%	Layout of the ground anchors in the contract plans resulted in conflict with existing concrete piles at both abutments of the existing overcrossing based on field layout. The Designer revised the plans to reduce the number of ground anchors from 66 EA to 60 EA. A credit from the initial bid price was provided for installing Ground Anchor Wall anchors from the revised layout.
4	-\$600	0.00%	Caltrans requested a change be made to the planned communication system under Bid Item No. 228. This change eliminated installation of components of the system that will become obsolete and create unnecessary re-work.
5	\$25,000	0.08%	During excavation operations man-made objects and utilities not shown on the plans were encountered and needed to be removed, protected, or work modified to install facilities related to the project.
5S1	\$25,000	0.08%	SCE required the Contractor to install additional 3" conduit not called out on the plans, to provide power to the safety light at WB Newport Road Station 510+00. Additional funds were also needed to complete SCE relocations in Stage 1B a temporary power feed to maintain power to the existing service meter.
6	\$20,000	0.06%	The Contractor was compensated for 50% of the maintenance costs for maintaining sediment control measures and soil stabilization measure required for Storm Water Permit requirements in accordance with the 2010 Standard Specifications Section 13-5.04 and 13-6.04
7	\$50,000	0.16%	The Contractor was compensated for the handling of boulder/rocks in excess of 2 tons in accordance with Section 00-1.33 of the Special Provisions. At the time of design, it wasn't possible to quantify the number of large boulders that would be encountered and therefore impossible to provide an estimated quantity for bidding.

CHANGE ORDER REPORT
(Newport Road at I-215 Interchange Project)

7S1	\$50,000	0.16%	The Contractor was compensated for the handling of boulder/rocks in excess of 2 tons in accordance with Section 00-1.33 of the Special Provisions. At the time of design, it wasn't possible to quantify the number of large boulders that would be encountered and therefore impossible to provide an estimated quantity for bidding.
7S2	\$100,000	0.32%	The Contractor was compensated for the handling of boulder/rocks in excess of 2 tons in accordance with Section 00-1.33 of the Special Provisions. At the time of design, it wasn't possible to quantify the number of large boulders that would be encountered and therefore impossible to provide an estimated quantity for bidding.
8	\$93,840	0.30%	The contractor was compensated for construction of the City of Menifee Monuments in the infield ramp areas on the Newport Road Interchange. These monuments are intended for marking the Gateway to the City of Menifee as this is a major interchange servicing the City of Menifee.
9	\$25,000	0.08%	The Contractor was compensated for half the costs for the establishment of a Dispute Review Board in accordance with Section 5-1.43E of the Standard Specifications.
10	\$39,834	0.13%	The project implemented planned traffic handling and staging for Stage 1B construction which included placing K-rail along the NB and SB on ramps for both the inside and outside shoulders.
11	\$18,402	0.06%	A credit was given to the county for the change in binder type. Increased quantities for channelizers and pavement markers was necessary for stage construction. Also, quantity adjustments were made for Drainage System No. 16 and Detectable Warning Surface.
12	\$9,010	0.03%	Per Caltrans Directive 14-02, all signs, with the exception of white background signs, procured to guide, warn or regulate traffic shall include retroreflective sheeting. Signs were also modified to use rail mounted signs. Wood posts were inadequate for these locations.
13	\$	%	Skipped
14	-\$22,500	-0.07%	Bid Item 79, Imported Burrow, was modified to a Final Pay quantity. The quantity was reduced due to the Engineers overestimation.
15	\$4,433	0.01%	Concrete barriers and metal bridge railing were extended to provide safety railing for pedestrians where there was a potential fall risk
16	\$109,260	0.35%	The elevation and pipe material type were modified from CML-C to DIP pipe. In order to avoid utility conflicts with gas lines and Verizon lines, EMWD requested that a waterline be lowered to clear these utilities. EMWD also changed the pipe material in order to offset the costs for these changes.
17	\$12,000	0.04%	The existing bridge deck was resurfaced because a portion of the area under the sidewalk was not acceptable to serve as a bridge deck.

CHANGE ORDER REPORT
(Newport Road at I-215 Interchange Project)

17S1	\$5,000	0.02%	The existing bridge deck was resurfaced because a portion of the area under the sidewalk was not acceptable to serve as a bridge deck.
18	\$30,000	0.10%	The location and grade were revised to install steel drainage pipe in the Salt Creek Bridge. Additional material and labor was required to modify and install the pipe.
19	-\$44,140	-0.14%	As requested by Ames subcontractor, Diversified Landscaping, an adjustment was made to the Erosion Control 1 mix design, which increased the effectiveness of the erosion control to achieve slope stabilization.
20	\$40,840	0.13%	As requested by the contractor, a temporary detour was constructed in order to reduce congestion.
21	\$36,668	0.12%	An existing meter box was used in order to power 3 light poles on line F, the SB loop on ramp. Temporary conduit was installed due to temporary minor modifications were made to the lighting and signal systems due to field conditions as determined necessary by the Engineer.
22	\$30,268	0.10%	A 12" curb wall was constructed, and the sidewalk was reconstructed to comply with ADA requirements. The property owner of the Yellow Basket was also compensated for these improvements.
23	\$30,098	0.10%	Cable railing was installed for fall protection that was not incorporated in the plans. Removal and construction of the barrier rail transition was required for MGS connection in accordance with Caltrans Standard Plans barrier rail at Salt Creek Bridge. Removal of the existing Type E Dike and replacement with Type F HMA Dike was also necessary.
24	-\$5,000	-0.02%	The Contractor requested modifications to the ramp/detour staging to eliminate the traffic switches in stages 1C and 2A allowing for a continuous placement of JPCP for the new ramp alignment.
25	-\$5,000	-0.02%	As requested by the contractor temporary staging was constructed for Newport Road at Line B (NB off Ramp) and Line D (NB on-ramp).
26	\$0.00	0.00%	Caltrans approved additional hours during the full freeway closures for the Stage 2A Newport Bridge Demo for one Saturday night and Sunday Night demo. This reduced the number of full closures necessary to remove the bridge.
27	\$11,795	0.04%	EMWD initiated the installation of an air vacuum valve to the high point of the EMWD Location A and B waterline to release trapped air in the line.
28	\$4,152	0.01%	Type A joint seals were installed at both bridge abutments at Salt Creek because it was not shown in the plans and were needed to reduce pavement damage due to expansion and contraction of the bridge at the approach slabs.

CHANGE ORDER REPORT
(Newport Road at I-215 Interchange Project)

28S1	\$17,259	0.06%	Additional funds were needed to install the Type A joint seals at both bridge abutments at Salt Creek. Caltrans required installation of additional joint seals at these locations due to the concrete cracking along the wingwall. Caltrans also requested existing joint seals to be removed and replaced.
29	\$133,414	0.43%	Additional costs were incurred during the installation of the support of excavation for Abutments 1 and 3 of the Stage 2 Newport Bridge due to the presence of subsurface rock. There was also a decrease in bid item 18, Temporary Traffic Screen.
30	\$149,000	0.48%	The Contractor was reimbursed for COZEEP which was not included in the contract.
30S1	\$149,000	0.48%	Additional funds were needed to reimburse the contractor for COZEEP which was not included in the contract.
30S2	\$149,000	0.48%	Additional funds were needed to reimburse the contractor for COZEEP which was not included in the contract.
31	\$2,896	0.01%	The Contractor was compensated for the installation Caltrans approved FLEAT AFTS system.
32	\$149,950	0.48%	A separate bid item for, Incorporating Material (Compost), was needed due to the additional labor required to perform work and was consistent with the typical Caltrans bid item for this work. This item was not included in the contract. Also included were deductions in quantities for bid items 22 Temporary Cover and 26 Temporary Fiber Rolls.
33	\$9,477	0.03%	A separate bid item for Irrigation Bridge Supply Line, was needed due to the additional materials and labor required to perform work. This item was not included in the contract.
34	\$52,850	0.17%	The RHMA section on Newport Rd. was eliminated and replaced with HMA Type C. To provide a homogenous material throughout Newport Road, the RHMA section had to be constructed with HMA-C.
35	\$34,470	0.11%	The contractor encountered rock during excavation that needed to be removed to install an 18" pipeline. Compensation was made to the contractor for material and labor costs for rock handling, reimbursed by EMWD.
36	\$15,720	0.05%	Hydro seed for stabilization was needed to restore per-disturbance condition of the project not shown in the plans. Vent Screens to prevent bird nesting needed to be removed upon completion of the project. Caltrans requested removal of the non-native, invasive, Tamarisk trees located on the project.
37	\$90,559	0.29%	Caltrans Safety Committee recommended that items required by the Caltrans Highway Safety Manual and Cal OSHA, that were not specified on the contract plans, be improved for public safety.
37S1	\$17,000	0.05%	Additional funds were necessary to perform work related to the Caltrans Safety and Maintenance Committee review.

CHANGE ORDER REPORT
(Newport Road at I-215 Interchange Project)

38	\$60,290	0.19%	Additional restriping was performed so that the final overlay could be performed. The contractor was directed to install black contrast striping to enhance visibility of the striping during daylight hours to improve public safety.
39	-\$40,994	-0.13%	Additional quantity for installation of remote-control valves was needed. They were shown on the plans but reflected on the Bid Item list. There was a decrease in bid items for items 89 and 101.
40	\$0.00	0.00%	The contractor requested an IRI tolerance to be changed to match the 2015 Standard Specification of 160 in/mi IRI value. In doing so the profile data would be acceptable and no additional grinding would be needed. Caltrans and the designer agreed to this change.
41	\$26,924	0.09%	The contractor modified the meter cabinet on Newport Rd. to accept the SCE power supply. An additional cable was installed that was not shown on the plans. The contractor installed PEU and test switches at 4 locations and install shorting caps on each of the associated LED lights.
42	\$13,500	0.04%	The City of Menifee requested to color stain the architectural Acorn pedestals on the Newport Bridge and the Monument signs. The City is responsible for maintenance of the bridge architectural surface and monument signs per the Maintenance Agreement between the City of Menifee and Caltrans.
43	\$25,000	0.08%	To encourage early growth and slope stabilization of the hydroseed adjacent to the freeway and offramps, the contractor was directed to apply water to areas directed by the engineer.
44	\$30,000	0.10%	Caltrans directed the County to perform weeding and erosion control of the interchange during plant establishment.
44S1	\$60,500	0.19%	Additional funds were required to perform weeding and erosion control of the interchange during plant establishment.
Quantity Adjustments	(\$1,490,716)	(4.8%)	
Change Order Total and New Contract Total	\$31,531,327		