

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

703A



**FROM:** TLMA – Transportation Department

**SUBMITTAL DATE:**  
March 13, 2014

**SUBJECT:** Notice of Completion – Interstate 215 at Ramona Expressway/Cajalco Expressway Interchange Project. 1<sup>st</sup>/5<sup>th</sup>, 1<sup>st</sup>/5<sup>th</sup> District. [\$5,126,348]; Local Funds 100%

**RECOMMENDED MOTION:** That the Board of Supervisors execute and file the attached “Notice of Completion.”

**BACKGROUND:**

**Summary**

By Minute Order 3-100 of August 16, 2011, the Board of Supervisors entered into a contract with Powell Constructors of Fontana, CA for the reconstruction of Interstate 215 (I-215) at Ramona Expressway/Cajalco Expressway Interchange and associated improvements in the unincorporated Mead Valley area.

Departmental Concurrence

Patricia Romo

Juan C. Perez

Assistant Director of Transportation

Director of Transportation and Land Management

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (Per Exec. Office)
<b>COST</b>	\$ 0.00	\$ 0.00	\$ 5,126,348	\$ 0.00	Consent <input type="checkbox"/> Policy <input checked="" type="checkbox"/>
<b>NET COUNTY COST</b>	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
<b>SOURCE OF FUNDS:</b> TUMF-Central Zone (WRCOG) (72.3%), DIF AP 12 Major Improvement Funds (1.5%), City of Perris (13.1%), Redevelopment Agency (RDA) (13.1%). There are no General Funds used in this project.				<b>Budget Adjustment:</b> No	
				<b>For Fiscal Year:</b> 2013-2014	

**C.E.O. RECOMMENDATION:**

APPROVE

BY:

Tina Grande

County Executive Office Signature

**MINUTES OF THE BOARD OF SUPERVISORS**

- Positions Added
- Change Order
- A-30
- 4/5 Vote

**Prev. Agn. Ref.:** 08/16/11, Item 3-100;  
08/16/11, Item 3-99; 06/28/11, Item 3-118

**District:** 1/5, 1/5

**Agenda Number:**

**3 - 19**

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

**FORM 11:** Notice of Completion – Interstate 215 at Ramona Expressway/Cajalco Expressway Interchange Project. 1st/5th, 1st/5th District. [\$5,126,348]; Local Funds 100%

**DATE:** February 13, 2014

**PAGE:** 2 of 3

**BACKGROUND:**

**Summary (continued)**

The originally authorized amount of the contract was \$4,698,969. The total amended contract is \$5,126,348, which is 9.1% more than the originally authorized amount. The increase in the original contract price was the result of seven (7) contract change orders and bid quantity adjustments. The contract change orders are discussed in detail in the attached Change Order Report.

This work was completed at the direction of the Transportation Department on December 18, 2012, Work Order B8-0691.

**Impact on Residents and Businesses**

The improvements to the interchange have increased capacity and improved daily operation for current and future traffic volumes, facilitating the movement of heavy truck traffic through the interchange. The improvements consisted of widening the existing bridge on each side to accommodate a total of four (4) lanes of traffic, sidewalk, and shoulders. Northbound and southbound off-ramps were also widened.

**SUPPLEMENTAL:**

**Additional Fiscal Information**

**Budget**

Original Contract Amount		\$4,698,969.90
Total Change Orders Authorized	9.3%	\$438,466.27
Estimated Pending Change Orders	0.0%	\$0.00
Amended Contract Amount		\$5,137,436.17
* Quantity Adjustments	-0.2%	(\$11,088.35)
+ CCO FA Adjustments	0.0%	\$0.00
Total Amended Contract Amount	109.1%	\$5,126,347.82

**Expenditures**

Total Progress Payments	\$5,126,347.82
Estimated Pending Payments	\$0.00
Total Expenditures	\$5,126,347.82

**(Over)/Under Contract Amount** \$0.00

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

\* CAL-Trans Standard Specifications 4-1.03B. 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% 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 4-1.03C, "Changes in Character of Work."

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

**FORM 11:** Notice of Completion – Interstate 215 at Ramona Expressway/Cajalco Expressway Interchange Project. 1st/5th, 1st/5th District. [\$5,126,348]; Local Funds 100%

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**PAGE:** 3 of 3

The construction of I-215 at Ramona Expressway/Cajalco Expressway was funded with \$3,706,349 of TUMF Central Zone (WRCOG) funds, \$76,895 of DIF AP 12 Major Improvement funds, \$671,552 of City of Perris funds, and \$671,552 of Redevelopment Agency (RDA) funds.

**Contract History and Price Reasonableness**

N/A

**ATTACHMENTS:**

- A. Change Order Report

## CHANGE ORDER REPORT

(Interstate 215 at Ramona Expressway/Cajalco Expressway Interchange Project)

Change Order #	Contract Amount	Percent	Description
	Original Contract Amount \$4,698,968.90		
1	\$40,913.58	0.87%	Remove and dispose of existing conflicting Caltrans overhead sign structures, fabrication and installation of additional project funding sign logos, and cost to install the revised Southern California Edison (SCE) extension plans to provide power to the projects new electrical system. These plans were provided to Riverside County after the bid opening.
2	\$0.00	0.00%	The specified anchor bolt assemblies for the new overhead sign structures were unavailable at the time of construction. To avoid delay in the completion of the project and alleviate inconvenience to the public, the contractor requested the substitution of the specified material with approved and comparable anchor bolts.
3	\$149,254.00	3.18%	During the construction phase, the City of Perris (City) requested fencing and architectural treatment modifications, including tubular hand railing revisions to the bridge barrier rail. These revisions were requested by and paid by the City in order for the Ramona Interchange Improvement Project to match the recently completed 4 <sup>th</sup> Street Interchange Project.
4	\$87,301.60	1.86%	Compensate the contractor to upgrade the asphalt binder (as required by Caltrans Materials Lab) for use in the Hot Mix Asphalt to PG 64-28 versus PG 64-10 as specified in the contract documents and Install and maintain a temporary "Congestion Ahead" sign on southbound I-215 north of Harley Knox to address a Caltrans traffic concern
5	\$119,474.03	2.54%	Extra work performed for modification and alteration of the existing irrigation system in conflict with the proposed ramp improvements; 8" PVC bridge deck drain connections not indicated on the approved plans; removal of a conflicting Asphalt Concrete over side roadway drain, including concrete curb and paint striping in conflict with the approved plans; installation of unspecified expansion joint filler and concrete approach strip as required by the Caltrans structures unit; revisions to the existing SCE facilities west of the bridge in conflict with the proposed signal improvements; repair of an existing traffic signal controller, which malfunctioned causing a complete blackout of the southbound ramps signal system; the installation of additional pedestrian push buttons resulting from the new Caltrans Americans with Disabilities Act (ADA) audit procedure; and installation of bicycle loop detector loops now required by Caltrans safety unit. Upon investigation, the blackout was determined to be caused by the age of the unit.

## CHANGE ORDER REPORT

(Interstate 215 at Ramona Expressway/Cajalco Expressway Interchange Project)

6	\$5,500.00	0.12%	The bid items did not have the correct amount of terminal systems for the project guard rail system. The installation of these systems was required for public safety.
7	\$36,023.06	0.77%	Compensation for the removal and replacement of three concrete access ramps to comply with a new Caltrans ADA certification procedure, replacement of Type 1A traffic pole and foundation system damaged by the traveling public, requirements and adjustment of compensation for price index fluctuations of paving asphalt as specified in the contract documents, and removal and replacement of the westbound left turn pocket limit line required by Caltrans Operations Division prior to final acceptance of the project
Quantity Adjustments	-\$11,088.35	-0.2%	
Change Order Total and New Contract Total	\$5,126,347.82		

PLEASE COMPLETE THIS INFORMATION  
RECORDING REQUESTED BY:

**KECIA HARPER-IHEM, CLERK OF THE BOARD  
RIVERSIDE CO. CLERK OF THE BOARD  
4080 LEMON STREET, 1<sup>ST</sup> 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

**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:** I-215 at Ramona Expressway/Cajalco Expressway Interchange Improvements Project

**Date of Completion:** Date of this notice

**Nature of owner:** County of Riverside, public entity

**Interest or estate of owner:** Public Roadway

**Address of owner:** 4080 Lemon Street, 8th Floor, Riverside, CA 92501

**Name of contractor:** Powell Constructors, Inc.

**Street or legal description of site:** I-215 at Ramona Expressway and Cajalco Expressway

Dated: \_\_\_\_\_

Owner: County of Riverside  
(Name of Public Entity)

By: \_\_\_\_\_  
Chairman, Board of Supervisors

STATE OF CALIFORNIA )

ss

COUNTY OF RIVERSIDE )

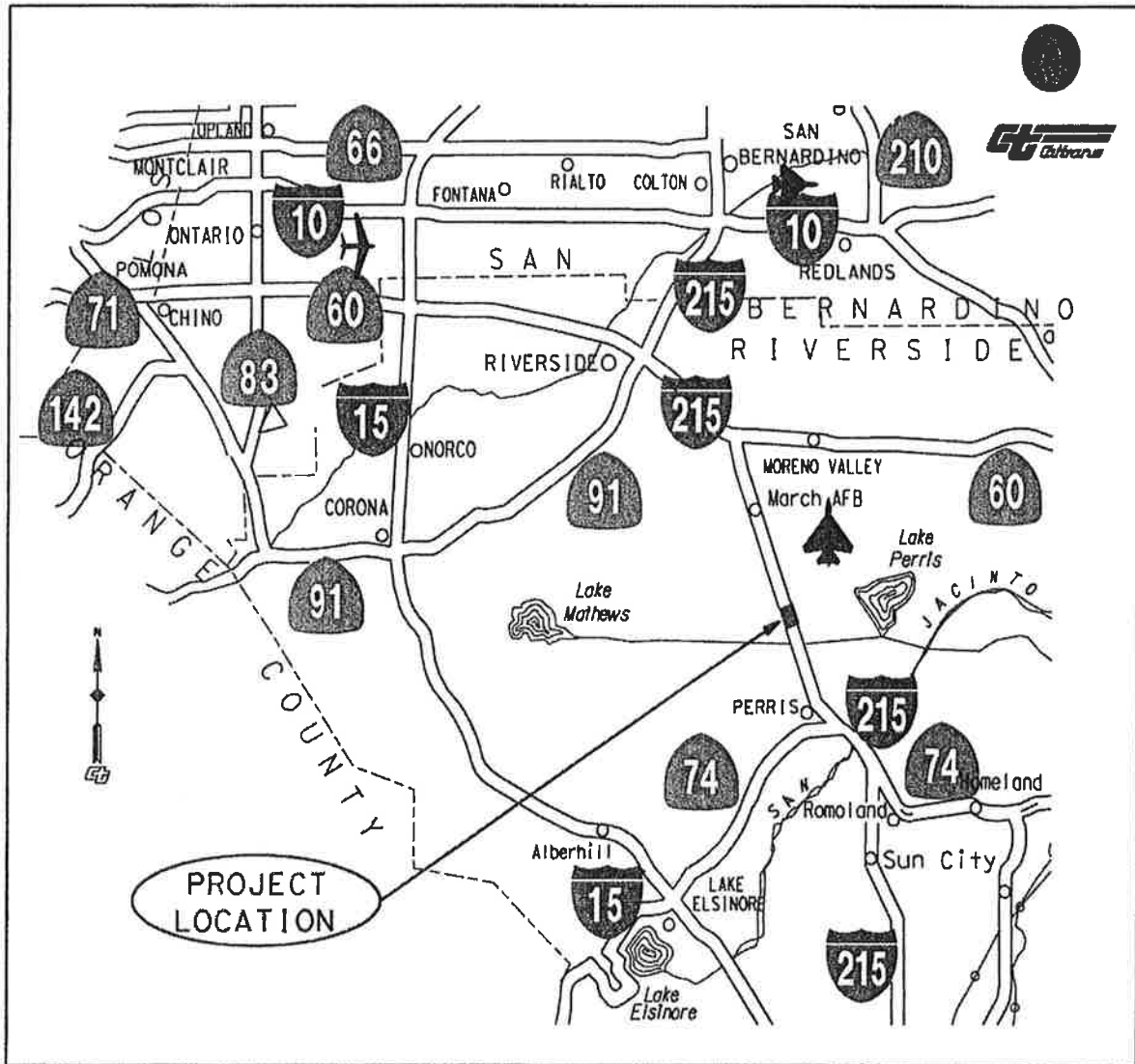
I am the Chairman of the governing board of the County of Riverside, the public entity which executed the foregoing notice and on whose behalf I make this verification; I have read this notice, know its contents, and the same is true. I certify under penalty of perjury that the foregoing is true and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

Executed at Riverside, California on \_\_\_\_\_ (Date)

\_\_\_\_\_, Chairman of the Board of Supervisors

# LOCATION MAP

08-RIV-215-PM R30.7/R31.1  
EA 0G9801



**ON I-215**  
**AT RAMONA EXPRESSWAY**  
**IN THE CITY OF PERRIS**

PROJECT: LZ15 at Ramona Expressway/Cajalico Expressway Interchange Improvements  
 County Project No.: BB-0651  
 Contract No.: 11-07-004

Contractor: Powell Constructors  
 Address: 8555 Banana Avenue  
 City, State, Zip: Fontana, CA 92335

Estimate No. 19 Final  
 From: November 26, 2013  
 To: January 25, 2013



Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Authorized		Total Authorized		This Estimate Amount	Previous Quantity	Total Estimate To Date Quantity	% Auth.
						Quantity	Amount	Quantity	Amount				
1	ELECTRICAL LINE EXTENSION	LS	1	170,000.00	170,000.00	1.00	170,000.00	1.00	170,000.00	1.00	1.00	170,000.00	100%
2	LEAN CONCRETE BASE (RAPID SETTING)	CY	438	250.00	109,500.00	438.00	109,500.00	438.00	109,500.00	438.00	438.00	109,500.00	100%
3	CONSTRUCTION ZONE ENHANCED ENFORCEMENT PROGRAM (COZEEP)	FA	50,000	1.00	50,000.00	50,000.00	50,000.00	25,963.20	25,963.20	25,963.20	25,963.20	25,963.20	52%
4	DUST ABATEMENT	LS	1	15,000.00	15,000.00	1.00	15,000.00	1.00	15,000.00	1.00	1.00	15,000.00	100%
5	RESIDENT ENGINEER OFFICE	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%
6	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1	6,000.00	6,000.00	1.00	6,000.00	1.00	6,000.00	1.00	1.00	6,000.00	100%
7	CONSTRUCTION SITE MANAGEMENT	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%
8	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	1,500.00	1,500.00	1.00	1,500.00	1.00	1,500.00	1.00	1.00	1,500.00	100%
9	TEMPORARY FIBER ROLL	LF	3,167	2.00	6,334.00	3,167.00	6,334.00	3,167.00	6,334.00	3,167.00	3,167.00	6,334.00	100%
10	TEMPORARY SILT FENCE	LF	1,463	2.00	2,926.00	1,463.00	2,926.00	1,463.00	2,926.00	1,463.00	1,463.00	2,926.00	32%
11	TEMPORARY GRAVEL BAG BERM	LF	2,790	3.00	8,370.00	2,790.00	8,370.00	2,790.00	8,370.00	150.00	150.00	450.00	5%
12	TEMPORARY CONCRETE WASHOUT FACILITY	EA	2	3,500.00	7,000.00	2.00	7,000.00	2.00	7,000.00	2.00	2.00	7,000.00	100%
13	TEMPORARY CONSTRUCTION ENTRANCE	EA	2	3,500.00	7,000.00	2.00	7,000.00	2.00	7,000.00	2.00	2.00	7,000.00	100%
14	TEMPORARY CHECK DAM	LF	1,676	2.00	3,352.00	1,676.00	3,352.00	1,676.00	3,352.00	1,676.00	1,676.00	3,352.00	0%
15	TEMPORARY DRAINAGE INLET PROTECTION	EA	9	250.00	2,250.00	9.00	2,250.00	9.00	2,250.00	9.00	9.00	2,250.00	100%
16	TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX)	SQYD	17,876	0.90	16,088.40	17,876.00	16,088.40	17,876.00	16,088.40	9,333.00	9,333.00	8,399.70	52%
17	STREET SWEEPING	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%
18	CONSTRUCTION AREA SIGNS	LS	1	25,000.00	25,000.00	1.00	25,000.00	1.00	25,000.00	1.00	1.00	25,000.00	100%
19	TRAFFIC CONTROL SYSTEM	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%
20	TYPE II BARRICADE	EA	49	75.00	3,675.00	49.00	3,675.00	49.00	3,675.00	49.00	49.00	3,675.00	100%
21	TYPE III BARRICADE	EA	30	125.00	3,750.00	30.00	3,750.00	30.00	3,750.00	30.00	30.00	3,750.00	100%
22	TEMPORARY PAVEMENT MARKING (PAINT)	SQFT	247	4.00	988.00	247.00	988.00	247.00	988.00	245.00	245.00	980.00	99%
23	TEMPORARY TRAFFIC STRIPE (PAINT)	LF	10,050	1.50	15,075.00	10,050.00	15,075.00	10,050.00	15,075.00	8,321.00	8,321.00	12,481.50	83%
24	CHANNELIZER (SURFACE MOUNTED)	EA	247	25.00	6,175.00	247.00	6,175.00	247.00	6,175.00	247.00	247.00	6,175.00	100%



PROJECT: I-215 at Ramona Expressway/Cajalco Expressway Interchange Improvements  
 County Project No.: BB-0691  
 Contract No.: 11-07-004

Contractor: Powell Constructors  
 Address: 8555 Banana Avenue  
 City, State, Zip: Fontana, CA 92335



Estimate No. 19 Final  
 From: November 26, 2013  
 To: January 26, 2013

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Authorized Quantity	Change Authorized Amount	Total Authorized Quantity	Total Authorized Amount	This Estimate Quantity	This Estimate Amount	Previous Quantity	Total Estimate To Date		% Auth.
													Quantity	Amount	
25	PORTABLE CHANGEABLE MESSAGE SIGN	EA	4	5,000.00	20,000.00			4.00	20,000.00	4.00		4.00	4.00	20,000.00	100%
26	TEMPORARY RAILING (TYPE K)	LF	7,840	13.00	101,920.00			7,840.00	101,920.00	6,900.00		6,900.00	6,900.00	89,700.00	88%
27	TEMPORARY CRASH CUSHION MODULE	EA	158	200.00	31,600.00			158.00	31,600.00	161.00		161.00	161.00	32,200.00	102%
28	TEMPORARY TRAFFIC SCREEN	LF	7,480	2.00	14,960.00			7,480.00	14,960.00	3,920.00		3,920.00	3,920.00	7,840.00	52%
29	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	2,290	4.50	10,305.00			2,290.00	10,305.00	2,110.00		2,110.00	2,110.00	9,495.00	92%
30	ABANDON CULVERT	LF	75	15.00	1,125.00			75.00	1,125.00	75.00		75.00	75.00	1,125.00	100%
31	ABANDON INLET	EA	1	400.00	400.00			1.00	400.00	1.00		1.00	1.00	400.00	100%
32	REMOVE METAL BEAM GUARD RAIL	LF	1,963	8.00	15,704.00			1,963.00	15,704.00	1,995.00		1,995.00	1,995.00	15,960.00	102%
33	REMOVE ROADSIDE SIGN	EA	6	300.00	1,800.00			6.00	1,800.00	6.00		6.00	6.00	1,800.00	100%
34	REMOVE OVERSIDE DRAIN	EA	1	500.00	500.00			1.00	500.00	1.00		1.00	1.00	500.00	100%
35	REMOVE DRAINAGE FACILITY	EA	3	200.00	600.00			3.00	600.00	3.00		3.00	3.00	600.00	100%
36	REMOVE CULVERT	LF	181	10.00	1,810.00			181.00	1,810.00	181.00		181.00	181.00	1,810.00	100%
37	REMOVE INLET	EA	2	600.00	1,200.00			2.00	1,200.00	2.00		2.00	2.00	1,200.00	100%
38	RELOCATE ROADSIDE SIGN-ONE POST	EA	20	175.00	3,500.00			20.00	3,500.00	22.00		22.00	22.00	3,650.00	110%
39	RELOCATE ROADSIDE SIGN-TWO POST	EA	4	350.00	1,400.00			4.00	1,400.00	4.00		4.00	4.00	1,400.00	100%
40	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	1,432	6.00	8,592.00			1,432.00	8,592.00	1,790.00		1,790.00	1,790.00	10,740.00	125%
41	CLEAN BRIDGE DECK	SQFT	15,075	0.20	3,015.00			15,075.00	3,015.00	15,075.00		15,075.00	15,075.00	3,015.00	100%
42	BRIDGE REMOVAL (PORTION)	LS	1	50,000.00	50,000.00			1.00	50,000.00	1.00		1.00	1.00	50,000.00	100%
43	CLEARING AND GRUBBING	LS	1	30,000.00	30,000.00			1.00	30,000.00	1.00		1.00	1.00	30,000.00	100%
44	DEVELOP WATER SUPPLY	LS	1	2,000.00	2,000.00			1.00	2,000.00	1.00		1.00	1.00	2,000.00	100%
45	ROADWAY EXCAVATION	CY	1,859	55.00	102,245.00			1,859.00	102,245.00	2,324.00		2,324.00	2,324.00	127,820.00	125%
46	LEAD COMPLIANCE PLAN	LS	1	3,000.00	3,000.00			1.00	3,000.00	1.00		1.00	1.00	3,000.00	100%
47	STRUCTURE EXCAVATION (BRIDGE)	CY	479	65.00	31,135.00			479.00	31,135.00	479.00		479.00	479.00	31,135.00	100%
48	STRUCTURE EXCAVATION (RETAINING WALL)	CY	95	35.00	3,325.00			95.00	3,325.00	95.00		95.00	95.00	3,325.00	100%

PROJECT: I-15 at Ramona Expressway/Cajalco Expressway Interchange Improvements  
 County Project No.: BB-4691  
 Contract No.: 11-07-004

Contractor: Powell Constructors  
 Address: 8555 Banana Avenue  
 City, State, Zip: Fontana, CA 92335

Estimate No. 19 Final  
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Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Authorized		Total Authorized		This Estimate		Total Estimate To Date		% Auth.
						Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	
49	STRUCTURE BACKFILL (BRIDGE)	CY	407	150.00	61,050.00			407.00	61,050.00	407.00	407.00	407.00	61,050.00	100%
50	STRUCTURE BACKFILL (RETAINING WALL)	CY	128	35.00	4,480.00			128.00	4,480.00	128.00	128.00	128.00	4,480.00	100%
51	PERVIOUS BACKFILL MATERIAL	CY	128	1.00	128.00			128.00	128.00	128.00	128.00	128.00	128.00	100%
52	DITCH EXCAVATION	CY	99	35.00	3,465.00			99.00	3,465.00	99.00	99.00	99.00	3,465.00	0%
53	IMPORTED BORROW (INCLUDING SHOULDER BACKING)	CY	13,439	13.00	174,707.00			13,439.00	174,707.00	13,132.00	13,132.00	13,132.00	170,716.00	98%
54	HIGHWAY PLANTING	LS	1	11,000.00	11,000.00			1.00	11,000.00	1.00	1.00	1.00	11,000.00	100%
55	EROSION CONTRL [HYDROSEED]	ACRE	4.5	4,250.00	19,125.00			4.50	19,125.00	4.50	4.50	4.50	19,125.00	100%
56	PLANT ESTABLISHMENT (260 DAYS)	LS	1	8,500.00	8,500.00			1.00	8,500.00	1.00	1.00	1.00	8,500.00	100%
57	IRRIGATION SYSTEM	LS	1	22,000.00	22,000.00			1.00	22,000.00	1.00	1.00	1.00	22,000.00	100%
58	EXTENDED IRRIGATION CROSS OVERS [6" CONDUIT]	LF	70	125.00	8,750.00			70.00	8,750.00	87.50	87.50	87.50	10,937.50	125%
59	CLASS 2 AGGREGATE SUB-BASE	CY	613	60.00	36,780.00			613.00	36,780.00	615.00	615.00	615.00	36,900.00	100%
60	CLASS 2 AGGREGATE BASE	CY	689	85.00	58,565.00			689.00	58,565.00	689.00	689.00	689.00	58,565.00	100%
61	AGGREGATE BASE (APPROACH SLAB)	CY	5	250.00	1,250.00			5.00	1,250.00	5.00	5.00	5.00	1,250.00	100%
62	HOT MIX ASPHALT (TYPE A)	TON	4,670	80.00	373,600.00			4,670.00	373,600.00	99.58	7,966.40	5,232.08	418,566.40	112%
63	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	313	11.00	3,443.00			313.00	3,443.00	391.00	391.00	391.00	4,301.00	125%
64	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	85	11.00	935.00			85.00	935.00	94.00	94.00	94.00	1,034.00	111%
65	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	1,348	11.00	14,828.00			1,348.00	14,828.00	1,311.00	1,311.00	1,311.00	14,421.00	97%
66	LIQUID ASPHALT (PRIME COAT)	TON	15	325.00	4,875.00			15.00	4,875.00	4.63	4.63	4.63	1,504.75	31%
67	CONCRETE PAVEMENT (RAPID STRENGTH CONCRETE-RAMP TERMINI)	CY	876	500.00	438,000.00			876.00	438,000.00	876.00	876.00	876.00	438,000.00	100%
68	SEAL PAVEMENT JOINT	LF	3,583	5.00	17,915.00			3,583.00	17,915.00	3,583.00	3,583.00	3,583.00	17,915.00	100%
69	SEAL ISOLATION JOINT	LF	750	3.00	2,250.00			750.00	2,250.00					0%
70	16" CAST-IN DRILLED-HOLE CONCRETE PILING	LF	1,386	70.00	97,020.00			1,386.00	97,020.00	1,386.00	1,386.00	1,386.00	97,020.00	100%
71	24" CAST-IN DRILLED-HOLE CONCRETE PILING	LF	842	85.00	71,570.00			842.00	71,570.00	842.00	842.00	842.00	71,570.00	100%
72	PRESTRESSING CAST IN PLACE CONCRETE	LS	1	46,000.00	46,000.00			1.00	46,000.00	1.00	1.00	1.00	46,000.00	100%

PROJECT: I-75 at Ramona Expressway/Cajalco Expressway Interchange Improvements  
 County Project No.: BA-0691  
 Contract No.: 11-07-004

Contractor: Powell Constructors  
 Address: 8555 Banana Avenue  
 City, State, Zip: Fontana, CA 92335

Estimate No. 19 Final  
 From: November 26, 2013  
 To: January 25, 2013

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Authorized		Total Authorized		This Estimate Quantity	This Estimate Amount	Total Estimate To Date		% Auth.
						Quantity	Amount	Quantity	Amount			Quantity	Amount	
73	STRUCTURAL CONCRETE BRIDGE FOOTING	CY	119	500.00	59,500.00			119.00	59,500.00	119.00	119.00	119.00	59,500.00	100%
74	STRUCTURAL CONCRETE BRIDGE	CY	649	825.00	535,425.00			649.00	535,425.00	649.00	649.00	649.00	535,425.00	100%
75	STRUCTURAL CONCRETE (RETAINING WALL)	CY	75	400.00	30,000.00			75.00	30,000.00	75.00	75.00	75.00	30,000.00	100%
76	STRUCTURAL CONCRETE APPROACH SLAB (TYPE EQ)	CY	21	1,600.00	33,600.00			21.00	33,600.00	21.00	21.00	21.00	33,600.00	100%
77	STRUCTURAL CONCRETE APPROACH SLAB (TYPE R)	CYA	5	1,400.00	7,000.00			5.00	7,000.00	5.00	5.00	5.00	7,000.00	100%
78	MINOR CONCRETE (MINOR STRUCTURE)	CY	11	1,200.00	13,200.00			11.00	13,200.00	11.00	11.00	11.00	13,200.00	100%
79	DRILL AND BOND DOWEL	LF	66	35.00	2,310.00			66.00	2,310.00	66.00	66.00	66.00	2,310.00	100%
80	REFINISH BRIDGE DECK	SQFT	398	18.00	7,164.00			398.00	7,164.00	400.00	400.00	400.00	7,200.00	101%
81	CORE TREATED BRIDGE DECK	EA	4	120.00	480.00			4.00	480.00	1.00	1.00	1.00	50,000.00	0%
82	ARCHITECTURAL TOWER	EA	1	50,000.00	50,000.00			1.00	50,000.00	1.00	1.00	1.00	50,000.00	100%
83	JOINT SEAL (TYPE B - MR 1 1/2")	LF	243	45.00	10,935.00			243.00	10,935.00	243.00	243.00	243.00	10,935.00	100%
84	BAR REINFORCEMENT STEEL (BRIDGE)	LB	265,015	0.85	225,262.75			265,015.00	225,262.75	265,015.00	265,015.00	265,015.00	225,262.75	100%
85	BAR REINFORCING STEEL (RETAINING WALL)	LB	3,025	2.75	8,318.75			3,025.00	8,318.75	3,025.00	3,025.00	3,025.00	8,318.75	100%
86	HEADED BAR REINFORCEMENT	EA	786	10.00	7,860.00			786.00	7,860.00	786.00	786.00	786.00	7,860.00	100%
87	TREAT BRIDGE DECK	SQFT	15,075	0.20	3,015.00			15,075.00	3,015.00	15,075.00	15,075.00	15,075.00	3,015.00	100%
88	FURNISH BRIDGE DECK TREATED MATERIAL	GAL	168	63.00	10,584.00			168.00	10,584.00	168.00	168.00	168.00	10,584.00	100%
89	FURNISH SIGN STRUCTURE (BRIDGE MOUNTED WITH WALKWAY)	LB	4,093	6.50	26,604.50			4,093.00	26,604.50	4,093.00	4,093.00	4,093.00	26,604.50	100%
90	INSTALL SIGN STRUCTURE (BRIDGE MOUNTED WITH WALKWAY)	LB	4,093	1.50	6,139.50			4,093.00	6,139.50	4,093.00	4,093.00	4,093.00	6,139.50	100%
91	FURNISH SIGN STRUCTURE (LIGHTWEIGHT)	LB	2,841	6.50	18,466.50			2,841.00	18,466.50	2,841.00	2,841.00	2,841.00	18,466.50	100%
92	INSTALL SIGN STRUCTURE (LIGHTWEIGHT)	LB	2,841	1.00	2,841.00			2,841.00	2,841.00	2,841.00	2,841.00	2,841.00	2,841.00	100%
93	FURNISH LAMINATED PANEL SIGN (1'-TYPE A)	SQFT	405	20.00	8,100.00			405.00	8,100.00	405.00	405.00	405.00	8,100.00	100%
94	30" CAST-IN DRILLED-HOLE CONCRETE PILING	LF	25	375.00	9,375.00			25.00	9,375.00	25.00	25.00	25.00	9,750.00	104%
95	ROADSIDE SIGN-ONE POST	EA	9	175.00	1,575.00			9.00	1,575.00	9.00	9.00	9.00	1,575.00	100%
96	ROADSIDE SIGN-TWO POST	EA	15	350.00	5,250.00			15.00	5,250.00	15.00	15.00	15.00	5,250.00	100%

PROJECT: I-215 at Ramona Expressway/Cajaleco Expressway Interchange Improvements  
 County Project No.: BB-0691  
 Contract No.: 11-07-004

Contractor: Powell Constructors  
 Address: 8555 Banana Avenue  
 City, State, Zip: Fontana, CA 92335

Estimate No. 19 Final  
 From: November 26, 2013  
 To: January 25, 2013



Item No.	Item Description	Units	Quantity	Unit Price	Original Contract		Change Authorized		This Estimate		Total Estimate To Date		% Auth.
					Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	
97	INSTALL SIGN OVERLAY	SQFT	10	100.00	1,000.00	10.00			1,000.00	10.00	1,000.00	10.00	100%
98	INSTALL PANEL (TYPE A)	SQFT	405	3.00	1,215.00	405.00			1,215.00	405.00	1,215.00	405.00	100%
99	18" ALTERNATIVE PIPE CULVERT	LF	56	100.00	5,600.00	56.00			5,600.00	56.00	5,600.00	56.00	100%
100	24" ALTERNATIVE PIPE	LF	246	110.00	27,060.00	246.00			27,060.00	246.00	27,060.00	246.00	100%
101	FILTER FABRIC	SOYD	20	10.00	200.00	20.00			200.00	20.00	200.00	20.00	100%
102	FLUME DOWNDRAIN OVERSIDE DRAIN	LF	54	20.00	1,080.00	54.00			1,080.00	54.00	1,080.00	54.00	100%
103	DRAINAGE INLET MARKER	EA	3	20.00	60.00	3.00			60.00	3.00	60.00	3.00	0%
104	36" CORRUGATED STEEL PIPE INLET (138" THICK)	LF	14	255.00	3,570.00	14.00			3,570.00	14.00	3,570.00	14.00	100%
105	ITEM DELETED BY ADDENDUM				0.00								N/A
106	24" ALTERNATIVE FLARED END SECTION	EA	2	300.00	600.00	2.00			600.00	2.00	600.00	2.00	100%
107	ROCK SLOPE PROTECTION (FACING METHOD B)	CY	77	110.00	8,470.00	77.00			8,470.00	77.00	8,470.00	77.00	100%
108	SLOPE PAVING (CONCRETE)	CY	38.0	700.00	26,600.00	38.00			26,600.00	38.00	26,600.00	38.00	100%
109	ROCK SLOPE PROTECTION (FABRIC)	SQYD	171	5.00	855.00	171.00			855.00	171.00	855.00	171.00	100%
110	MINOR CONCRETE ( CURB AND GUTTER)	LF	327	25.00	8,175.00	327.00			8,175.00	327.00	8,175.00	327.00	100%
111	MINOR CONCRETE (GUTTER DEPRESSION)	CY	1	500.00	500.00	1.00			500.00	1.00	500.00	1.00	100%
112	MINOR CONCRETE (GUTTER)	CY	6	200.00	1,200.00	6.00			1,200.00	6.00	1,200.00	6.00	100%
113	MINOR CONCRETE (SIDEWALK)	CY	25	250.00	6,250.00	25.00			6,250.00	25.00	6,250.00	25.00	100%
114	MINOR CONCRETE (CURB RAMP)	CY	5	800.00	4,000.00	5.00			4,000.00	5.00	4,000.00	5.00	100%
115	MISCELLANEOUS IRON & STEEL	LB	1,294	4.00	5,176.00	1,294.00			5,176.00	1,294.00	5,176.00	1,294.00	100%
116	BRIDGE DECK DRAINAGE SYSTEM	LB	3,731	9.00	33,579.00	3,731.00			33,579.00	3,731.00	33,579.00	3,731.00	100%
117	DELINEATOR (GLASS 1)	EA	10	25.00	250.00	10.00			250.00	10.00	250.00	10.00	120%
118	GUARD RAILING DELINEATOR	EA	21	12.00	252.00	21.00			252.00	21.00	252.00	21.00	100%
119	METAL BEAM GUARD RAILING (WOOD POST)	LF	1,827	20.00	36,540.00	1,827.00			36,540.00	1,827.00	36,540.00	1,827.00	117%
120	CHAIN LINK RAILING (TYPE 7)	LF	239	75.00	17,925.00	239.00			17,925.00	239.00	17,925.00	239.00	100%
121	CONCRETE BARRIER (TYPE 26 MODIFIED)	LF	239	230.00	54,970.00	239.00			54,970.00	239.00	54,970.00	239.00	100%



Contractor:  
 Powell Constructors  
 8555 Banana Avenue  
 Fontana, CA 92335

Estimate No.  
 19 Final  
 From: November 28, 2013  
 To: January 25, 2013

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Authorized Quantity	Change Authorized Amount	Total Authorized Quantity	Total Authorized Amount	This Estimate Quantity	This Estimate Amount	Previous Quantity	Previous Amount	Total Estimate To Date		% Auth.
														Quantity	Amount	
122	SINGLE THRE BEAM BARRIER (WOOD POST)	LF	1,544	26.00	40,144.00			1,544.00	40,144.00			1,450.00	37,700.00	1,450.00	37,700.00	94%
123	TRANSITION RAILING (TYPE WB)	EA	2	2,700.00	5,400.00			2.00	5,400.00			2.00	5,400.00	2.00	5,400.00	100%
124	END ANCHOR ASSEMBLY (TYPE SFT) & CCO 6	EA	4	900.00	3,600.00	4.00	3,600.00	8.00	7,200.00			8.00	7,200.00	8.00	7,200.00	100%
125	ALTERNATIVE IN-LINE TERMINAL SYSTEM & CCO 6	EA	2	2,500.00	5,000.00	-1.00	-2,500.00	1.00	2,500.00			1.00	2,500.00	1.00	2,500.00	100%
126	ALTERNATIVE FLARED TERMINAL SYSTEM & CCO 6	EA	4	2,200.00	8,800.00	2.00	4,400.00	6.00	13,200.00			6.00	13,200.00	6.00	13,200.00	100%
127	CONCRETE BARRIER (TYPE732A)	LF	156	90.00	14,040.00			156.00	14,040.00			156.00	14,040.00	156.00	14,040.00	100%
128	CONCRETE BARRIER (TYPE736)	LF	239	80.00	19,120.00			239.00	19,120.00			239.00	19,120.00	239.00	19,120.00	100%
129	CONCRETE BARRIER (TYPE 736B MODIFIED)	LF	44	120.00	5,280.00			44.00	5,280.00			45.00	5,400.00	45.00	5,400.00	102%
130	4" THERMOPLASTIC TRAFFIC STRIPE- SPRAYABLE	LF	6,230	1.25	7,787.50			6,230.00	7,787.50			6,230.00	7,787.50	6,230.00	11,035.00	142%
131	8" THERMOPLASTIC TRAFFIC STRIPE- SPRAYABLE	LF	620	2.50	1,550.00			620.00	1,550.00			637.00	1,592.50	637.00	1,592.50	103%
132	THERMOPLASTIC PAVEMENT MARKING	SQFT	1,511	3.50	5,288.50			1,511.00	5,288.50			1,951.00	6,828.50	1,951.00	6,828.50	129%
133	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 7-7) SPRAYABLE	LF	2,310	1.25	2,887.50			2,310.00	2,887.50			974.00	1,217.50	974.00	1,217.50	42%
134	PAVEMENT MARKER (NON-REFLECTIVE)	EA	236	3.00	708.00			236.00	708.00			310.00	930.00	310.00	930.00	131%
135	PAVEMENT MARKER (RETROREFLECTIVE)	EA	239	5.00	1,195.00			239.00	1,195.00			314.00	1,570.00	314.00	1,570.00	131%
136	LIGHTING (CITY STREET)	LS	1	20,000.00	20,000.00			1.00	20,000.00			1.00000	20,000.00	1.00000	20,000.00	100%
137	MODIFY SIGNAL AND LIGHTING (LOCATION 1)	LS	1	130,000.00	130,000.00			1.00	130,000.00			1.00000	130,000.00	1.00000	130,000.00	100%
138	MODIFY SIGNAL AND LIGHTING (LOCATION 2)	LS	1	100,000.00	100,000.00			1.00	100,000.00			1.00	100,000.00	1.00	100,000.00	100%
139	MODIFY LIGHTING AND SIGN ILLUMINATION	LS	35,000	1.00	35,000.00			35,000.00	35,000.00			35,000.00	35,000.00	35,000.00	35,000.00	100%
140	STATE FURNISHED MATERIAL: MODEL 170E AND 2070 CONTROLLER ASSEMBLIES (2 LOCATIONS)	FA	1	20,000.00	20,000.00			1.00	20,000.00							0%
141	STATE FURNISHED MATERIAL: BATTERY BACKUP SYSTEM COMPONENTS (2 LOCATIONS)	FA	1	4,000.00	4,000.00			1.00	4,000.00			1.523	6,092.00	1.523	6,092.00	152%
142	MOBILIZATION	LS	1	365,000.00	365,000.00			1.00	365,000.00			1.00	365,000.00	1.00	365,000.00	100%
143	CLEAN EXPANSION JOINT	LF	168	10.00	1,680.00			168.00	1,680.00			168.00	1,680.00	168.00	1,680.00	100%
144	ASBESTOS COMPLIANCE	LS	1	4,000.00	4,000.00			1.00	4,000.00			1.00	4,000.00	1.00	4,000.00	100%

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Authorized		Total Authorized		This Estimate		Total Estimate To Date		% Auth.
						Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	
145	COURSE OF CONSTRUCTION INSURANCE	LS	1	50,000.00	50,000.00			1.00	50,000.00	1.00		1.00	50,000.00	100%
CCO 1	CONDUIT INSTALLATION	AP	0	40,913.58	0.00			1.00	40,913.58	1.00		1.00	40,913.58	100%
CCO 3	FENCING AND RAILING	AP	0	1.00	0.00			149,254.00	149,254.00	746.27	746.27	148,507.73	149,254.00	100%
CCO 4	AC BINDER ADJUSTMENT	AP	0	18.48	0.00			4,670.00	86,301.60			4,670.00	86,301.60	100%
CCO 4	INFORMATION SIGN	AP	0	1,000.00	0.00			1.00	1,000.00			1.00	1,000.00	100%
CCO 5	MISCELLANEOUS EXTRA WORK	AP	0	119,474.03	0.00			1.00	119,474.03			1.00	119,474.03	100%
CCO 7	VARIOUS WORK FOR ADA COMPLIANCE	FA	0	29,673.65	0.00			1.00	29,673.65	1.00	29,673.65	1.00	29,673.65	100%
CCO 7	VARIOUS WORK FOR ADA COMPLIANCE	AP	0	10,360.51	0.00			1.00	10,360.51	1.00	10,360.51	1.00	10,360.51	100%
CCO 7	ADJUSTMENT OF COMPENSATION FOR PRICE INDEX FLUCTUATIONS OF PAVING ASPHALT	ADJ	0	4,011.10	0.00			-1.00	-4,011.10	-1.00	-4,011.10	-1.00	-4,011.10	100%

Contractor: Powell Constructors  
 Address: 8555 Banana Avenue  
 City, State, Zip: Fontana, CA 92335

Estimate No. 19 Final  
 From: November 26, 2013  
 To: January 25, 2013



PROJECT: I-215 at Ramona Expressway/Cajalco Expressway Interchange Improvements  
 County Project No.: BR-0891  
 Contract No.: 14-07-004

PROJECT: 1215 at Ramona Expressway/Cajalco Expressway Interchange Improvements County Project No.: 88-0681 Contract No.: 11-07-004		Contractor: Powell Constructors Address: 8555 Banana Avenue City, State, Zip: Fontana, CA 92335		Estimate No. 19 Final From: November 26, 2013 To: January 25, 2013												
Item No.	Item Description	Units	Quantity	Unit Price	Amount	Original Contract Amount	Change Authorized Quantity	Amount	Total Authorized Quantity	Amount	This Estimate Quantity	Amount	Previous Quantity	Total Estimate To Date Quantity	Amount	% Auth.
<b>PROJECT TOTAL</b>																

Made by: Trail Nguyen/Tom Nowak (Vail Cooper)  
 Checked by: [Signature]  
 OK Const. Supv.

Working Days: 250  
 Days Added: 11  
 Subtotal: 261  
 Days Used: 261  
 % Time Elapsed: 100.00%

Start Date: 11-14-11  
 End Date: 12-18-12  
 % \$ Complete: 98.78%  
 Original Contract: \$4,698,968.90  
 Amended Contract: \$5,137,435.17

TOTAL VALUE OF WORK TO DATE: \$5,126,347.82  
 LESS RETENTION: 0%  
 TOTAL DUE TO DATE: \$5,126,347.82  
 LESS PREVIOUSLY INVOICED: 5,081,612.09  
 LESS LABOR NON COMPLIANCE: 0.00  
 TOTAL DUE THIS PAYMENT: \$44,735.73

Received by Accounts Payable: \_\_\_\_\_  
 By: \_\_\_\_\_

This Estimate Approved: \_\_\_\_\_ Date: \_\_\_\_\_ for: \_\_\_\_\_  
 Juan C. Perez, Director of Transportation and Land Management

Quantities on This Estimate Approved: [Signature] Date: 12/14  
 Powell Constructors

**PAYMENT APPROVAL**

Fund 2000  
 Dept ID 31305  
 Account 527980  
 Project 208-0691E  
 Activity ID 23500  
 Resource Type CNT  
 Signature [Signature]  
 Date 1/22/14