

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



ITEM
3.29
(ID # 3349)

MEETING DATE:
Tuesday, May 2, 2017

FROM : TLMA-TRANSPORTATION:

SUBJECT: TLMA - TRANSPORTATION DEPARTMENT: Notice of Completion – Clay Street/Union Pacific Railroad Grade Separation Project in the City of Jurupa Valley. 2nd District. [\$16,540,395 total cost]; Federal funds 43.4%, State Funds 55.5%, Local Funds 1.1%

RECOMMENDED MOTION: That the Board of Supervisors:

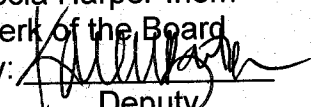
1. Accept Clay Street Union Pacific Railroad Grade Separation Project as completed; and
2. Authorize the Chairman of the board to execute the Notice of Completion and the Clerk of the Board to record the Notice.

ACTION: Policy

MINUTES OF THE BOARD OF SUPERVISORS

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

Ayes: Jeffries, Tavaglione, Washington and Ashley
Nays: None
Absent: None
Date: May 2, 2017
xc: Transp., Recorder

Kecia Harper-Ihem
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	\$ 700,000	\$ 0	\$ 16,540,395	\$ 0
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0
SOURCE OF FUNDS: Federal CMAQ (43.4%), State Prop. 1B Trade Corridor Improvement Funds (55.5%), Local Funds (1.1%) There are no general funds used in this project.			Budget Adjustment:	N/A
			For Fiscal Year:	12/13 - 16/17

C.E.O. RECOMMENDATION: Approve

BACKGROUND:

Summary

By Minute Order 3-56 of December 17, 2013, the Board of Supervisors entered into a contract with Ames Construction, Inc. of Corona CA for the Clay Street/Union Pacific Railroad Grade Separation Project. The originally authorized amount of the contract was \$15,948,405. The total amended contract is \$16,540,395 which is 3.7% more than the originally authorized amount. The revised total contract amount was the result of twenty one (21) contract change orders and bid quantity adjustments. The contract change orders are discussed in detail in the attached change order report. The majority of the additional contract costs were related to existing utility conflicts, scheduling conflicts between Union Pacific Railroad and contract work, supply of additional railroad track material required to complete the work, and the asphalt concrete overlay of Clay Street resulting from construction impacts to the existing roadway south of the project limits.

The work was completed in conformance with the plans and specifications and the contractor was granted relief of maintenance on April 22, 2016. Work Order Number B7-0753, PNRSTCIL-5956(178).

County Counsel has approved the Notice of Completion as to form.

Impact on Residents and Businesses

This project has increased public safety by the elimination of train and vehicle conflicts, reducing greenhouse gas emissions from idling vehicles, reducing train noise, and reducing congestion on Clay Street, a heavily traveled connection between Limonite Avenue and Van Buren Boulevard.

SUPPLEMENTAL:

Additional Fiscal Information

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

Budget

Original Contract Amount		\$15,948,405
Total Change Orders Authorized	3.2%	\$511,573
Estimated Pending Change Orders	0.0%	\$0
Authorized Contract Amount		\$16,459,978
* Quantity Adjustments	0.5%	\$80,417
+ CCO FA Adjustments	0.0%	\$0
Total Amended Contract Amount	103.7%	<u>\$16,540,395</u>

Expenditures

Total Progress Payments		\$16,540,395
Estimated Pending Payments		<u>\$0</u>
Total Expenditures		\$16,540,395

(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.

* 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 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 4-1.03C, "Changes in Character of Work."

This project was funded with \$7,178,531 of CMAQ funds, \$9,179,920 of Proposition 1B funds and \$181,944 of Local funds.

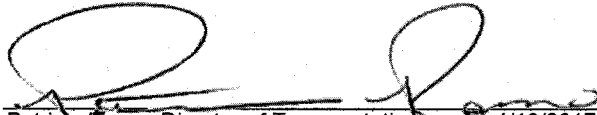
Contract History and Price Reasonableness

Four bids were received on October 16, 2013 ranging from \$15,948,405 to \$19,610,755. The basis for the selection of a contractor is the lowest responsive and responsible bid. The lowest responsible bid was submitted by Ames Construction, Inc. of Corona, CA in the amount of \$15,948,405, which is \$2,545,955 (13.8%) lower than the Engineer's Estimate.

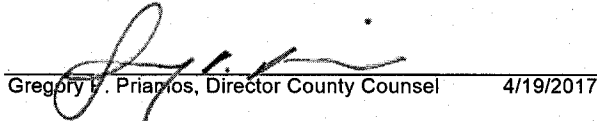
ATTACHMENTS:

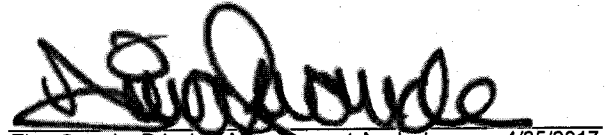
- Vicinity Map
- Change Order Report
- Progress Estimate Report
- Notice of Completion

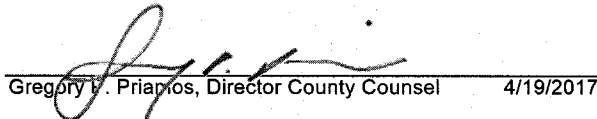
SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,
STATE OF CALIFORNIA


Patricia Romo, Director of Transportation 4/19/2017


Marsha Victor, Chief Deputy County Counsel 4/19/2017


Gregory V. Priapos, Director County Counsel 4/19/2017


Tina Grande, Principal Management Analyst 4/25/2017

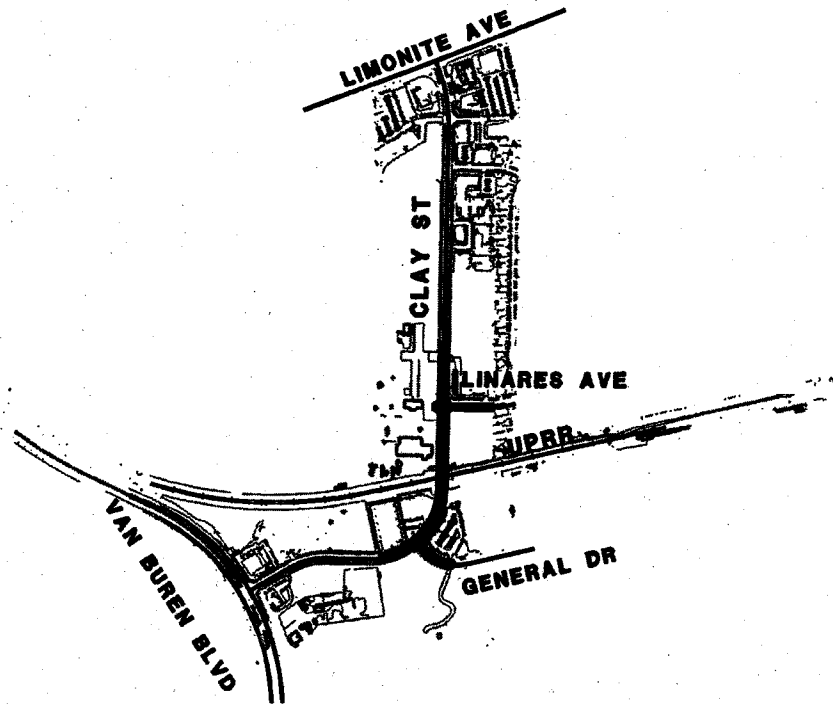
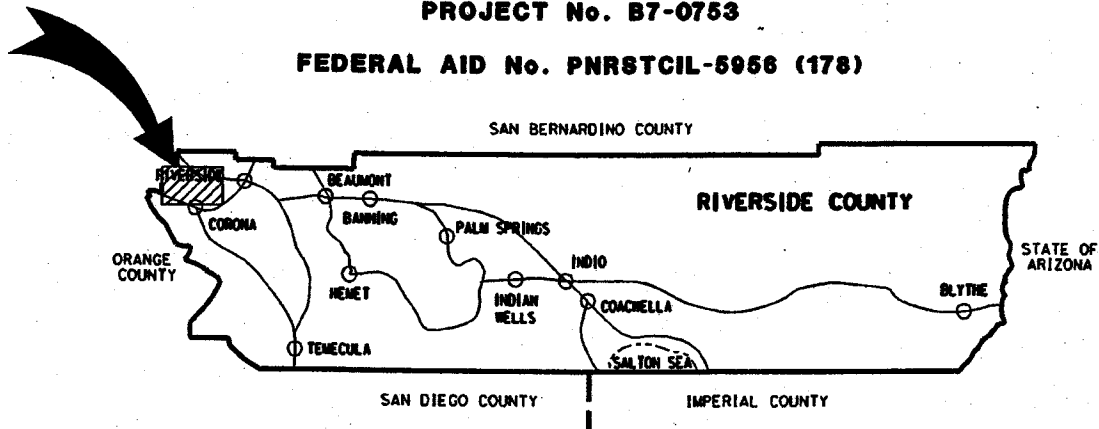

Gregory V. Priapos, Director County Counsel 4/19/2017

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT

**Clay Street/Union Pacific Railroad
Grade Separation Project**
Including Improvement on General Drive and Linares Avenue
in the City of Jurupa Valley

PROJECT No. B7-0753

FEDERAL AID No. PNRSTCIL-5956 (178)



VICINITY MAP

TOWNSHIP 28 RANGE 6W SECTION 25
COUNTY ROAD BOOK PAGE No. 108

CHANGE ORDER REPORT
(Clay Street /Union Pacific Railroad Grade Separation Project)

CCO #	Amount	Percent	Description
	Original Contract Amount \$15,948,405		
1	\$57,838	0.36%	Asbestos abatement and environmental site assessment to comply with the environmental requirements identified for this contract.
2	\$50,000	0.31%	Removal of manmade buried objects, installation of temporary electrical facilities, removal of illegal dumping within the project limits and miscellaneous unforeseen changes during construction.
2S1	\$10,000	0.06%	Field modifications of Riverside County Standard Plan No. 403 (Case A) to match existing grades and provide ADA modifications to the curb ramps at the intersection of Linares and Clay Street to comply with new ADA requirements.
3	\$39,034	0.92%	Clay Street Traffic Management Plan (TMP), and compensate the Contractor for all traffic elements of detour implementation, including maintenance and graffiti removal of detour signage.
4	-\$31,447	-0.20%	Value Engineering Change Proposal (VECP) to eliminate Bid Item 105- Railroad Track Temporary Shoring (Shoofly) and in lieu provide additional excavation per Item 106 – Railroad Track (Shoofly Excavation) in accordance with Section 4-107B, "Value Engineering Change Proposal" of the Standard Specification. An overall net savings of \$31,447.68 will be credited to the County.
5	\$83,176	0.52%	In lieu of UPRR furnished rail, compensate the contractor to deliver and furnish shoofly track rail required for this project.
5S1	\$16,131	0.10%	A review of CCO #5 revealed that the County did not include the materials markup of 15%. The County has agreed to pay for the additional markups for furnishing and delivering shoofly track rail as specified in the contract documents.
5S2	\$40,202	0.25%	Compensate the contractor for added costs of secondhand track rail welding, unloading and additional crane needs to move and position delivered rail in place for welding 78 foot rails into 1440 foot sections for a total of 3800 foot of shoofly track.
6	-\$49,513	-0.31%	Modification of the Seal Slab structural section from Station 18+15 to 22+78 resulted in a net savings of \$49,513 to the contract. The CTB material as specified in the contract documents was modified to solve a constructability matter and to accelerate the construction of the retaining wall step footings construction.
6S1	\$0.00	0.00%	Modification of the Seal Slab design requirements. The cemented treated base (CTB) seal slab could not meet the initial design requirements.

CHANGE ORDER REPORT
(Clay Street /Union Pacific Railroad Grade Separation Project)

7	\$15,000	0.09%	Establishing the Dispute Resolution Board referred to as the "DRB" in accordance with Section 5-1.43E, "Alternate Dispute Resolution," of the Standard Specifications. Contractor is responsible for half the costs.
8	\$0.00	0.00%	Mutual suspension of the contract time from 7/28/14 – 8/29/14. The Contractor had originally submitted a delay letter on July 23, 2014 due to Union Pacific Railroad (UPRR) changing the dates for the temporary shoofly track "cutover".
9	-\$62,500	-0.39%	A change in the formliner material from elastomeric to ABS was requested by the contractor. The approval of this change was contingent upon the contractor providing an acceptable architectural treatment test panel.
10	\$54,985	0.34%	Provides compensation to the contractor for revising the 42" RCP alignment from Station 10+15 to 13+20 (Line B) to avoid a utility conflict. This work included the construction a junction structure at an existing 24" RCP connection and the construction of a concrete squash box.
11	-\$1,450	-0.01%	Revision to the 42" RCP alignment between Station 25+16 to 26+68 B line, a new 30" RCP pipe, and modification and elimination of drainage structures (TS No. 3; at Station 25+16.98 and CB No. 2; Station 20+88.73) per design revisions to avoid a seal slab conflict at bent 2.
12	\$0.00	0.00%	Provides for structural footing and Cement Treated Base (CTB) seal slab modifications. The project provisions required 2 feet of over excavation and backfill per the contract documents. However, solid rock material was encountered during excavation operations.
13	\$48,500	0.30%	Provides for work-around efforts associated with a conflicting AT&T utility line along the backside of Retaining Wall #18 (RW #18) and through the Stage 1 bridge shoring.
14			The contract change order was omitted prior to project completion.
15	\$30,000	0.19%	This change compensates the contractor for an increase in transportation costs of earthwork material to the other side of the project limits. The County made the decision to pay for additional transportation costs to accelerate the project completion date in lieu of waiting for UPRR forces to complete the mainline track switch over.
16	\$0.00	0.00%	Provides a time adjustment for excusable critical delay for UPRR ballast placement, mainline switchover, and bridge monitoring which also impacted the shoofly excavation process.
17	\$20,000	0.13%	Drainage improvements and ADA modifications adjacent to Marcello's Pizza. These modifications were required to comply with current ADA standards.
18	\$9,277	0.06%	Relocation of the Gold Star Restaurant sign from its original location next to the restaurant drive thru to the end of RW 26 near the northerly driveway entrance for improved vehicle clearance and better sign visibility.

CHANGE ORDER REPORT
(Clay Street /Union Pacific Railroad Grade Separation Project)

19	\$0.00	0.00%	Provides a change to the SCE utility trench to be placed and buried within the CTB seal slab structural section.
20			The contract change order was omitted prior to project completion.
21	\$57,525	0.36%	Provides compensation for the AC grinding and overlay of Clay Street between Van Buren Blvd. and General Drive for approximately 775 feet which was impacted by this project. This portion of Clay was part of the project detour route, had several utility relocations and the installation of a 42" storm drain line down the entire roadway.
22	\$31,178	0.20%	Provides for the increase of bid item quantities for additional work required to complete the project. Item 20 for miscellaneous hot mix asphalt (HMA) was increased to provide for the easement access locations. Item 37 "mulch" was increased to cover landscaping areas and graded slopes to comply with NPDES requirements.
23	\$93,636	0.59%	Provides for the increase of item quantities for additional work and to complete end of project requirements for City, County, UPRR final acceptance and Notice of Termination (NOT) compliance.
Quantity Adjustments	\$80,417	0.5%	Increase in various bid items required to complete the project per the approved plans.
Change Order Total and New Contract Total	\$16,540,395		

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Orders Quantity	Change Orders Amount	Amended Contract Quantity	Amended Contract Amount	The Estimate Quantity	The Estimate Amount	Previous Quantity	Previous Amount	Total Estimate To Date Quantity	Total Estimate To Date Amount	% Auth.
PROJECT TOTAL																
					13,948,405.30		511,573.13		16,459,978.43		73,972.42				16,540,994.87	

Made by: Hector Davila
 Checked by: [Signature] Date: 2/11/17
 OK Const. Super: [Signature] Date: 2/11/17

Working Days: 360
 Days Added: 72
 Subtotal: 432
 Days Used: 431
 % Time Elapsed: 100%

Start Date: 5-12-14
 End Date: 4-22-16
 % \$ Complete: 100%

Original Contract: \$15,948,405.30
 Amended Contract: \$16,459,978.43

RELEASE OF STOP PAYMENT NOTICE - JA PLACER
 TOTAL DUE THIS PAYMENT: \$145,474.51

\$145,474.51

This Estimate Approved [Signature] Date: 2/21/17
 Patricia Romo, Director of Transportation

Quantities on This Estimate Approved [Signature] Date: 2/21/2017
 Ames Construction, Inc.

Received by Accounts Payable: _____
 By: _____

PAYMENT APPROVAL

Fund 20000
 Dept ID 31305
 Account 527980
 Project Z 07-0753E
 Activity ID Z3600
 Resource Type CNT
 Signature [Signature]
 Date 2/28/17

TRANSFISCAL APPROVED
 By: Lori Conrad 5-3461

MAR 02 2017

[Handwritten] 3-1-17

PROCESS ESTIMATE RECORD - COUNTY OF RIVERSIDE

SHEET 1 of 7

Processed Construction Inspection 2/11/2017

PROJECT: City Street/Union Pacific Railroad Grade Separation Project Including Improvements at General Drive and Linnae Avenue in the City of Jurupa Valley
 County Project No.: B7-0751, PMS10CL-6964779
 Contract No. 13-11-008

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



Estimate No. 31 Final
 From: October 26, 2016
 To: November 23, 2016

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	Previous Amount	Total Estimate To Date Quantity	Total Estimate To Date Amount	% Adj.
1	MOBILIZATION, DEMOBILIZATION AND FINAL CLEANUP	LS	1	100,000.00	100,000.00			1.00	100,000.00	0.28	28,000.00	0.72		1.00	100,000.00	100%
2	ITEM DELETED BY ADDENDUM															
3	CLEARING AND GRUBBING	LS	1	75,000.00	75,000.00			1.00	75,000.00			1.00		1.00	75,000.00	100%
4	DEVELOP WATER SUPPLY	LS	1	20,000.00	20,000.00			1.00	20,000.00			1.00		1.00	20,000.00	100%
5	REMOVE BUILDING	LS	1	200,000.00	200,000.00			1.00	200,000.00			1.00		1.00	200,000.00	100%
6	RESIDENT ENGINEERS OFFICE	LS	1	30,000.00	30,000.00			1.00	30,000.00			1.00		1.00	30,000.00	100%
7	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1	15,000.00	15,000.00			1.00	15,000.00			1.00		1.00	15,000.00	100%
8	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	3,500.00	3,500.00			1.00	3,500.00			1.00		1.00	3,500.00	100%
9	WATER POLLUTION CONTROL	LS	1	30,000.00	30,000.00			1.00	30,000.00			1.00		1.00	30,000.00	100%
10	DEWATERING	LS	1	100,000.00	100,000.00			1.00	100,000.00			1.00		1.00	100,000.00	100%
11	COURSE OF CONSTRUCTION INSURANCE	LS	1	40,000.00	40,000.00			1.00	40,000.00			1.00		1.00	40,000.00	100%
12	REMOVE CHAIN LINK FENCE	LF	2,915	6.00	17,490.00			2,915.00	17,490.00			1,095.00		1,995.00	6,570.00	38%
13	REMOVE CONCRETE (CURB AND GUTTER)	LF	4,293	3.00	12,879.00			4,293.00	12,879.00			4,642.00		4,642.00	13,826.00	108%
14	REMOVE CONCRETE (SIDEWALK)	SY	1,868	6.00	11,208.00			1,868.00	11,208.00			2,221.43		2,221.43	13,328.58	119%
15	REMOVE CONCRETE (MISCELLANEOUS)	SF	6,304	2.00	12,608.00			6,304.00	12,608.00			6,771.80		6,771.80	13,543.50	107%
16	ROADWAY EXCAVATION & CCO 6	CY	91,340	7.00	639,380.00	699.00	4,893.00	92,039.00	644,273.00			100,849.83		100,849.83	705,948.81	110%
17	CLASS 2 AGGREGATE BASE	CY	6,400	37.00	236,800.00			6,400.00	236,800.00			6,400.00		6,400.00	236,800.00	100%
18	CEMENT TREATED BASE (PLANT MIXED, CLASS A) & CCO 6	CY	6,800	70.00	482,000.00	335.00	23,450.00	6,935.00	485,450.00			6,931.78		6,931.78	485,223.20	100%
19	HOT MIX ASPHALT (TYPE A) & CCO 21	TON	5,900	70.00	413,000.00	550.00	38,500.00	6,450.00	451,500.00			6,982.39		6,982.39	488,767.30	108%
20	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA) (DRIVEWAY/PARKING LOT) & CCO 22	SOFT	8,003	4.00	32,012.00	4,200.00	16,800.00	12,203.00	48,812.00			15,087.00		15,087.00	60,289.00	123%
21	(GEOMEMBRANE) WATERPROOFING	SOFT	125,690	4.00	502,760.00			125,690.00	502,760.00			125,690.00		125,690.00	502,760.00	100%
22	MINOR CONCRETE (CROSS GUTTER) (CRS 209 AND CRS 210)	SOFT	3,789	12.00	45,228.00	665.00	33,250.00	3,789.00	45,228.00			4,332.20		4,332.20	51,886.40	115%
23	MINOR CONCRETE (TYPE D CURB 8"CF) (CRS 204) & CCO 23	LF	175	50.00	8,750.00			840.00	42,000.00			838.00		838.00	41,900.00	100%
24	MINOR CONCRETE (TYPE D CURB 8"CF) (CRS 204) & CCO 23	LF	405	45.00	18,225.00			405.00	18,225.00			489.00		489.00	20,655.00	113%
25	MINOR CONCRETE (CURB AND GUTTER) (CRS 201)	LF	3,900	25.00	97,500.00			3,900.00	97,500.00			4,120.00		4,120.00	103,000.00	106%

PROGRESS ESTIMATE RECORD - COUNTY OF RIVERSIDE

PROJECT: City Street/Utility Railroad Grade Separation Project including Improvements at General Drive and Linnae Avenue in the City of Jurupa Valley
 County Project No.: B7-0753, PNNSTCOL-9586(175)
 Contract No.: 13-11-006

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



Processed Construction Inspection 2/1/2017
 SHEET 2 of 7
 Estimate No.: 31 Final
 From: October 26, 2016
 To: November 25, 2016

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Order Quantity	Change Order 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	% Advt.
26	MINOR CONCRETE (CURB & GUTTER) (8" TO 6" CURB & GUTTER TRANSITION)	LF	61	50.00	3,050.00			61.00	3,050.00			28.50	28.50	1,425.00	47%
27	MINOR CONCRETE (COMMERCIAL DRIVEWAY) (CRS 207A)	CY	80	475.00	42,750.00			90.00	42,750.00			103.00	103.00	48,925.00	114%
28	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA) (MEDIAN)	SQFT	820	5.00	4,100.00			820.00	4,100.00			674.00	674.00	3,370.00	82%
29	MINOR CONCRETE (SIDEWALK)	CY	320	425.00	136,000.00			320.00	136,000.00			309.00	309.00	131,325.00	97%
30	MINOR CONCRETE (CURB RAMP) (CRS 403-CASE A & CT STD. PLAN NO. A888, CASE CM) & CCO 23	CY	15	750.00	11,250.00	21.00	15,750.00	36.00	27,000.00	3.75	2,812.50	36.00	36.75	29,812.50	110%
31	JOINTED PLAN CONCRETE PAVEMENT (BUS PAD)	CY	32	575.00	18,400.00			32.00	18,400.00			37.97	37.97	21,832.75	119%
32	CHAIN LINK FENCE (TYPE CL-9) (& GATE) & CCO 23	LF	264	40.00	10,560.00	137.00	5,480.00	401.00	16,040.00			401.00	401.00	16,040.00	100%
33	MAINTAIN EXISTING PLANTED AREAS (PRIVATE LANDSCAPING)	LS	1	10,000.00	10,000.00			1.00	10,000.00			1.00	1.00	10,000.00	100%
34	SOIL PREPARATION AND FINE GRADING	SQFT	220,075	0.20	44,015.00			220,075.00	44,015.00			220,075.00	220,075.00	44,015.00	100%
35	PLANTING TABLETS	EA	1,806	0.30	541.80			1,806.00	541.80			1,806.00	1,806.00	541.80	100%
36	SOIL AMENDMENT	CY	12	110.00	1,320.00			12.00	1,320.00			12.00	12.00	1,320.00	100%
37	MULCH & CCO 22	CY	18	50.00	900.00	80.00	4,000.00	98.00	4,900.00			100.00	100.00	5,000.00	102%
38	HYDROSEED (TURF)	SOYD	480	10.00	4,800.00			480.00	4,800.00			480.00	480.00	4,800.00	100%
39	COMMERCIAL FERTILIZER (PACKETS)	EA	683	1.00	683.00			683.00	683.00			683.00	683.00	683.00	100%
40	FURNISH AND INSTALL 24-INCH SIZE BOX TREE	EA	21	250.00	5,250.00			21.00	5,250.00			19.00	19.00	4,750.00	90%
41	FURNISH AND INSTALL 5-INCH SIZE PLANT	EA	17	20.00	340.00			17.00	340.00			17.00	17.00	340.00	100%
42	FURNISH AND INSTALL 1-GALON SIZE PLANT	EA	411	20.00	8,220.00			411.00	8,220.00			411.00	411.00	8,220.00	100%
43	FURNISH AND INSTALL FLATS (64 PLANTS/FLAT)	EA	23	20.00	460.00			23.00	460.00			23.00	23.00	460.00	100%
44	CONTROL AND NEUTRAL CONDUCTORS	LS	1	2,500.00	2,500.00			1.00	2,500.00			1.00	1.00	2,500.00	100%
45	IRRIGATION SYSTEM	LS	1	60,000.00	60,000.00			1.00	60,000.00			1.00	1.00	60,000.00	100%
46	TYPE G1 DRAINAGE INLET, GRATE TYPE 24-12 & CCO 23	EA	2	4,000.00	8,000.00	1.00	4,000.00	3.00	12,000.00			3.00	3.00	12,000.00	100%
47	TYPE G2 DRAINAGE INLET, GRATE TYPE 24-12	EA	1	4,200.00	4,200.00			1.00	4,200.00			1.00	1.00	4,200.00	100%
48	CLASS B CONCRETE COLLAR PER RCC&WCC STD. DWG M803	EA	1	1,000.00	1,000.00	-1.00	-2,500.00	1.00	1,000.00						0%
49	MINOR CONCRETE (STRUCTURE) (BULKHEAD) & CCO 11	EA	1	2,500.00	2,500.00										N/A
50	42" REINFORCED CONCRETE PIPE & CCO 10, CCO 11	LF	1,644	195.00	320,580.00	-197.00	-38,415.00	1,447.00	282,165.00			1,460.00	1,460.00	284,700.00	101%

PROGRESS ESTIMATE RECORD - COUNTY OF RIVERSIDE

SHEET 3 of 7

Processed Construction Inspection 2/1/2017

PROJECT: City Street/Jurupa Pacific Railroad Grade Separation Project including Improvements at General Drive and Linnaea Avenue in the City of Jurupa Valley
 County Project No.: B1-2035, PMS:STCL-5956(178)
 Contract No. 13-11-006

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



Estimate No. 31 Final
 From: October 26, 2016
 To: November 28, 2016

Item No.	Item Description	Unit	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.
51	36" REINFORCED CONCRETE PIPE & COC 11	LF	58	185.00	10,730.00	-26.00	-4,810.00	32.00	5,920.00	32.00	5,920.00	32.00	32.00	5,920.00	100%
52	24" REINFORCED CONCRETE PIPE & COC 10	LF	555	80.00	44,400.00	-3.00	-240.00	552.00	44,160.00	552.00	44,160.00	552.00	552.00	40,720.00	92%
53	12" CORRUGATED STEEL PIPE	LF	18	110.00	1,980.00			18.00	1,980.00	18.00	1,980.00	18.00	18.00	1,980.00	100%
54	12" CORRUGATED STEEL PIPE RISER	LF	21	150.00	3,150.00			21.00	3,150.00	21.00	3,150.00	21.00	21.00	3,150.00	100%
55	CATCH BASIN (CURB INLET) (CRS 302) (W=7) & COC 10	EA	1	8,500.00	8,500.00	-1.00	-25,000.00	1.00	8,500.00	1.00	8,500.00	1.00	1.00	8,500.00	100%
56	CATCH BASIN (CURB INLET) (CRS 300) (W=21) & COC 10	EA	1	25,000.00	25,000.00			1.00	25,000.00	1.00	25,000.00	1.00	1.00	17,000.00	100%
57	CATCH BASIN (COMBINATION INLET) (CRS 302 - NO. 2) (W=28)	EA	1	17,000.00	17,000.00			1.00	17,000.00	1.00	17,000.00	1.00	1.00	17,000.00	100%
58	CATCH BASIN (COMBINATION INLET) (CRS 302 - NO. 2) (W=21)	EA	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%
59	MANHOLE (RCFC&WCDS MH25) (NO. 1)	EA	3	6,999.00	20,997.00			3.00	20,997.00	3.00	20,997.00	3.00	3.00	20,997.00	100%
60	MANHOLE (RCFC&WCDS MH25) (NO. 2)	EA	3	8,000.00	24,000.00			3.00	24,000.00	3.00	24,000.00	3.00	3.00	24,000.00	100%
61	MANHOLE (RCFC&WCDS MH25) (NO. 4)	EA	2	10,000.00	20,000.00			2.00	20,000.00	2.00	20,000.00	2.00	2.00	10,000.00	50%
62	TRANSITION STRUCTURE (RCFC&WCDS TS303) (NO. 3) & COC 11	EA	2	4,500.00	9,000.00	-1.00	-4,500.00	1.00	4,500.00	1.00	4,500.00	1.00	1.00	4,500.00	100%
63	UNDER SIDEWALK DRAIN CAST IN PLACE (CRS 309) & COC 23	EA	2	4,000.00	8,000.00	1.00	4,000.00	3.00	12,000.00	3.00	12,000.00	3.00	3.00	12,000.00	100%
64	3" PLASTIC PIPE (EDGE DRAIN) (SLOTTED)	LF	926	15.00	13,890.00			926.00	13,890.00	926.00	13,890.00	926.00	926.00	13,890.00	100%
65	TRAFFIC CONTROL SYSTEM	LS	1	125,000.00	125,000.00			1.00	125,000.00	1.00	125,000.00	1.00	1.00	125,000.00	100%
66	MODIFY SIGNAL AND LIGHTING	LS	1	180,000.00	180,000.00			1.00	180,000.00	1.00	180,000.00	1.00	1.00	180,000.00	100%
67	LIGHTING (CITY STREET)	LS	1	125,000.00	125,000.00			1.00	125,000.00	1.00	125,000.00	1.00	1.00	125,000.00	100%
68	PAINTED TRAFFIC STRIPE [M7 & COC 21, COC 22]	LF	5,050	0.60	3,030.00	10,400.00	6,240.00	15,450.00	9,270.00	204.00	816.00	8,504.00	8,504.00	5,102.40	55%
69	PAINTED TRAFFIC STRIPE [B7 & COC 22]	LF	500	0.60	300.00	800.00	480.00	1,300.00	780.00			1,229.00	1,229.00	737.40	95%
70	THERMOPLASTIC PAVEMENT MARKING & COC 23	SOFT	482	4.00	1,928.00	784.00	3,056.00	1,246.00	4,984.00			1,246.00	1,450.00	5,800.00	116%
71	PAVEMENT MARKER (RETROREFLECTIVE) & COC 21	EA	385	3.50	1,347.50	92.00	322.00	477.00	1,669.50			531.00	531.00	1,858.50	111%
72	REMOVE ROADSIDE SIGN	EA	5	40.00	200.00			5.00	200.00			5.00	5.00	200.00	100%
73	RELOCATE ROADSIDE SIGN	EA	6	200.00	1,200.00			6.00	1,200.00			4.00	4.00	800.00	67%
74	ROADSIDE SIGN - ONE POST	EA	13	300.00	3,900.00			13.00	3,900.00			13.00	13.00	3,900.00	100%
75	FLURISH SINGLE SHEET ALUMINUM SIGN (0.080" FRAMED)	EA	2	2,000.00	4,000.00			2.00	4,000.00			2.00	2.00	4,000.00	100%

PROGRESS ESTIMATE RECORD - COUNTY OF RIVERSIDE

PROJECT: City Street/Jurupa Pacific Railroad Grade Separation Project Including Improvements at General Drive and Linaras Avenue in the City of Jurupa Valley
 County Project No.: BR-0753, PNRSTCJL-9596(17)9
 Contract No. 13-11-096

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



Estimate No. 31 Final
 From: October 26, 2016
 To: November 25, 2016

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract		Change Orders		Amended Contract		This Estimate		Propose Quantity	Total Estimate To Date Quantity	Estimate To Date Amount	% Auth.
					Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity				
76	F STRUCTURE EXCAVATION (TYPE D) & COC 6	CY	1,050	25.00	26,250.00		-384.00	-9,100.00	686.00	17,150.00	683.00	683.00	683.00	17,325.00	101%	
77	F STRUCTURE EXCAVATION (RETAINING WALL)	CY	24,600	65.00	1,599,000.00				24,600.00	1,599,000.00	24,600.00	24,600.00	24,600.00	1,599,000.00	100%	
78	F STRUCTURE BACKFILL (RETAINING WALL)	CY	22,750	18.00	409,500.00				22,750.00	409,500.00	22,750.00	22,750.00	409,500.00	100%		
79	F PERVIOUS BACKFILL MATERIAL (RETAINING WALL)	CY	1,140	30.00	34,200.00				1,140.00	34,200.00	1,140.00	1,140.00	34,200.00	100%		
80	F STRUCTURAL CONCRETE, RETAINING WALL	CY	5,650	494.00	2,791,100.00				5,650.00	2,791,100.00	5,650.00	5,650.00	2,791,100.00	100%		
81	F FRACTURED RIB TEXTURE	SCFT	35,270	10.00	352,700.00				35,270.00	352,700.00	35,270.00	35,270.00	352,700.00	100%		
82	F BAR REINFORCING STEEL (RETAINING WALL)	LB	902,430	1.10	992,673.00				902,430.00	992,673.00	902,430.00	902,430.00	992,673.00	100%		
83	F MINOR CONCRETE (GUTTER)	LF	2,860	23.00	65,780.00				2,860.00	65,780.00	2,860.00	2,860.00	65,780.00	100%		
84	F METAL RAILING (PICKET RAILING)	LF	3,470	150.00	520,500.00				3,470.00	520,500.00	3,476.50	3,476.50	521,475.00	100%		
85	F STRUCTURE EXCAVATION (TYPE D) (BRIDGE)	CY	1,370	25.00	34,250.00				1,370.00	34,250.00	1,370.00	1,370.00	34,250.00	100%		
86	F STRUCTURE EXCAVATION (BRIDGE)	CY	1,830	75.00	137,250.00				1,830.00	137,250.00	1,830.00	1,830.00	137,250.00	100%		
87	F STRUCTURE BACKFILL (BRIDGE)	CY	1,540	45.00	69,300.00				1,540.00	69,300.00	1,540.00	1,540.00	69,300.00	100%		
88	F STRUCTURAL CONCRETE, BRIDGE	CY	800	950.00	760,000.00				800.00	760,000.00	800.00	800.00	760,000.00	100%		
89	F STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	590	450.00	265,500.00				590.00	265,500.00	590.00	590.00	265,500.00	100%		
90	F ARCHITECTURAL TREATMENT (FORM LINER) (BRIDGE)	SCFT	4,330	25.00	108,250.00				4,330.00	108,250.00	4,330.00	4,330.00	108,250.00	100%		
91	F FURNISH PRECAST PRESTRESSED CONCRETE GIRDER (46.87)	EA	13	13,000.00	169,000.00				13.00	169,000.00	13.00	13.00	169,000.00	100%		
92	F FURNISH PRECAST SACRIFICIAL BEAM (46.7)	EA	2	50,000.00	100,000.00				2.00	100,000.00	2.00	2.00	100,000.00	100%		
93	F FURNISH PRECAST PRESTRESSED CONCRETE GIRDER (55.87)	EA	13	15,000.00	195,000.00				13.00	195,000.00	13.00	13.00	195,000.00	100%		
94	F FURNISH PRECAST SACRIFICIAL BEAM (55.97)	EA	2	55,000.00	110,000.00				2.00	110,000.00	2.00	2.00	110,000.00	100%		
95	F ERECT PRECAST PRESTRESSED CONCRETE GIRDER	EA	26	1,000.00	26,000.00				26.00	26,000.00	26.00	26.00	26,000.00	100%		
96	F ERECT SACRIFICIAL BEAM (46.7)	EA	2	1,300.00	2,600.00				2.00	2,600.00	2.00	2.00	2,600.00	100%		
97	F ERECT SACRIFICIAL BEAM (55.97)	EA	2	1,300.00	2,600.00				2.00	2,600.00	2.00	2.00	2,600.00	100%		
98	F BAR REINFORCING STEEL (BRIDGE)	LB	280,200	1.00	280,200.00				280,200.00	280,200.00	280,200.00	280,200.00	280,200.00	100%		
99	F HEADED BAR REINFORCEMENT	EA	280	50.00	14,000.00				280.00	14,000.00	280.00	280.00	14,000.00	100%		
100	F DECK SEAL (WATERPROOFING)	SCFT	6,370	10.00	63,700.00				6,370.00	63,700.00	6,370.00	6,370.00	63,700.00	100%		

PROJECT: City Street/Union Pacific Railroad Grade Separation Project Including Improvements at General Drive and Unreas Avenue in the City of Jurupa Valley
 County Project No.: 87-0753, PMSIS/CIL-5696(178)
 Contract No. 13-11-066

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



Estimate No. 51 Final
 From: October 26, 2016
 To: November 25, 2016

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Order Quantity	Change Order Amount	Amended Contract Quantity	Amended Contract Amount	This Estimate Quantity	This Estimate Amount	Previous Quantity	Previous Amount	Total Estimate To Date Quantity	Total Estimate To Date Amount	% Adv.
101	F MISCELLANEOUS METAL (BRIDGE)	LB	25,620	5.00	128,100.00			25,620.00	128,100.00			25,620.00	128,100.00	25,620.00	128,100.00	100%
102	F BRIDGE DECK DRAINAGE SYSTEM	LS	1	20,000.00	20,000.00			1.00	20,000.00			1.00	20,000.00	1.00	20,000.00	100%
103	F ELASTOMERIC BEARING PADS	EA	68	900.00	61,200.00			68.00	61,200.00			68.00	61,200.00	68.00	61,200.00	100%
104	TEMPORARY SHORING (BRIDGE ONLY)	SOFT	4,000	60.00	240,000.00			4,000.00	240,000.00			4,000.00	240,000.00	4,000.00	240,000.00	100%
105	RAILROAD TRACK (TEMPORARY SHORING) (SHOOFLY) & COD 4	SQFT	14,000	10.00	140,000.00	-14,000.00	-140,000.00									N/A
106	RAILROAD TRACK (SHOOFLY EXCAVATION)	CY	25,120	12.00	301,440.00			25,120.00	301,440.00			25,003.00	300,036.00	25,003.00	300,036.00	100%
107	RAILROAD TRACK (SHOOFLY FILL)	CY	5,130	10.00	51,300.00			5,130.00	51,300.00			5,130.00	51,300.00	5,130.00	51,300.00	100%
108	RAILROAD TRACK (CLASS 2 AGGREGATE BASE) (SHOOFLY AND MAIN TRACK SUBBALLAST) RAILROAD TRACK (REMOVE AND SALVAGE SHOOFLY TRACK)	CY	2,960	34.00	100,640.00			2,960.00	100,640.00			3,256.36	110,716.24	3,256.36	110,716.24	110%
109	RAILROAD TRACK (SHOOFLY TRACK)	TF	3,800	11.00	41,800.00			3,800.00	41,800.00			3,500.00	38,500.00	3,500.00	38,500.00	92%
110	RAILROAD TRACK (SHOOFLY TRACK)	TF	3,800	210.00	798,000.00			3,800.00	798,000.00			3,800.00	798,000.00	3,800.00	798,000.00	100%
111	RAILROAD TRACK (FLAGGING)	LS	1	100,000.00	100,000.00			1.00	100,000.00			1,000	100,000.00	1,000	100,000.00	100%
112	ITEM DELETED BY ADDENDUM															N/A
113	ELECTRICAL LINE EXTENSION AND STREET LIGHTING	LS	1	34,000.00	34,000.00			1.00	34,000.00			1.00	34,000.00	1.00	34,000.00	100%
114	ASPHALT TREATED PERMEABLE BASE	CY	925	130.00	120,250.00			925.00	120,250.00			874.74	113,716.20	874.74	113,716.20	95%
115	SIGNAL AND LIGHTING (GENERAL DRIVE) INCLUDING THERMOPLASTIC CROSSWALK AND PAVEMENT MARKINGS AND SIGN PER PLAN	LS	1	180,000.00	180,000.00			1.00	180,000.00			1.00	180,000.00	1.00	180,000.00	100%
CCC 1	REMOVAL OF ASBESTOS & LEAD BASED PAINT, ASBESTOS ABATEMENT, LIMITED PHASE 2 ENVIRONMENTAL SITE ASSESSMENT	AP	0	1.00	0.00	57,838.00	57,838.00		57,838.00			57,838.00	57,838.00	57,838.00	57,838.00	100%
CCC 2	ELECTRICAL CHANGES	FA	0	1.00	0.00	50,000.00	50,000.00		50,000.00			50,000.00	50,000.00	50,000.00	50,000.00	100%
CCC 2S1	ELECTRICAL CHANGES	FA	0	1.00	0.00	10,000.00	10,000.00		10,000.00			9,564.22	10,000.00	9,564.22	10,000.00	100%
CCC 3	IMPLEMENT, INSTALL, AND MAINTAIN THE TRAFFIC DETOUR	LS	0	1.00	0.00	39,033.69	39,033.69		39,033.69			39,033.69	39,033.69	39,033.69	39,033.69	100%
CCC 4	VALUE ENGINEERING CHANGE PROPOSAL	LS	0	1.00	0.00	108,553.05	108,553.05		108,553.05			108,553.05	108,553.05	108,553.05	108,553.05	100%
CCC 5	FURNISH & DELIVERY SHOOFLY TRACK RAIL	FA	0	1.00	0.00	83,178.07	83,178.07		83,178.07			83,178.07	83,178.07	83,178.07	83,178.07	100%
CCC 5S1	SHOOFLY TRACK RAIL	FA	0	1.00	0.00	16,131.62	16,131.62		16,131.62			16,131.62	16,131.62	16,131.62	16,131.62	100%

PROGRESS ESTIMATE RECORD - COUNTY OF RIVERSIDE

PROJECT: Clay Street/Union Pacific Railroad Grade Separation Project Including Improvements at General Drive and Linneas Avenue in the City of Jurupa Valley
 County Project No.: 67-0755, PNRSTCL-956(175)
 Contract No. 13-14-006

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



Estimate No. 31 Final
 From: October 26, 2016
 To: November 23, 2016

SHEET 6 of 7 Processed Construction Inspection 2/1/2017

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.
CCO 5S2	SHOOFLY TRACK RAIL	AP	0	1.00	0.00	40,202.00	40,202.00	40,202.00	40,202.00	40,202.00	40,202.00		40,202.00	40,202.00	100%
CCO 6	ELIMINATE REBAR IN CTB STRUCTURAL SECTION	AP	0	1.00	0.00	-68,755.56	-68,755.56	-68,755.56	-68,755.56			-68,755.56	-68,755.56	-68,755.56	100%
CCO 7	ALTERNATE DISPUTE RESOLUTION	FA	0	1.00	0.00	15,000.00	15,000.00	15,000.00	15,000.00	750.00	750.00	13,575.00	14,325.00	14,325.00	96%
CCO 9	CHANGE IN MATERIAL OF ARCHITECTURAL TREATMENT FORMLINER-ESASOMERIC TO ABS	AP	0	1.00	0.00	-62,500.00	-62,500.00	-62,500.00	-62,500.00			-62,500.00	-62,500.00	-62,500.00	100%
CCO 10	FIELD FIT THE 42" RCP LINE B	FA	0	1.00	0.00	89,000.00	89,000.00	89,000.00	89,000.00			75,875.54	75,875.54	75,875.54	85%
CCO 11	DRAINAGE ADJUSTMENTS	FA	0	1.00	0.00	40,000.00	40,000.00	40,000.00	40,000.00			29,027.04	29,027.04	29,027.04	73%
CCO 13	AT&T UTILITY COSTS AND DELAYS	LS	0	1.00	0.00	48,500.00	48,500.00	48,500.00	48,500.00			48,500.00	48,500.00	48,500.00	100%
CCO 15	COSTS TO TRANSPORT SELECT EXCAVATED MATERIAL & ADDED TIME TO TRANSPORT	FA	0	1.00	0.00	30,000.00	30,000.00	30,000.00	30,000.00			27,911.82	27,911.82	27,911.82	93%
CCO 17	PARKING LOT CHANGES - ADA COMPLIANCE, DRAINAGE	AP	0	1.00	0.00	20,000.00	20,000.00	20,000.00	20,000.00			20,000.00	20,000.00	20,000.00	100%
CCO 18	RELOCATE RESTAURANT SIGN	AP	0	1.00	0.00	9,277.40	9,277.40	9,277.40	9,277.40			9,277.40	9,277.40	9,277.40	100%
CCO 21	COLD PLAN AND OVERLAY EXISTING PAVEMENT	AP	0	1.00	0.00	16,962.50	16,962.50	16,962.50	16,962.50			16,962.50	16,962.50	16,962.50	100%
CCO 22	FINAL COMPLETION OF PROJECT - PAVEMENT DELINEATION, RESTRIPE	AP	0	0.22	0.00	24,538.00	5,398.36	24,538.00	5,398.36			24,538.00	24,538.00	5,398.36	100%
CCO 23	EQUESTRIAN PWB ON POLES B,C,D,E	AP	0	1.00	0.00	3,100.00	3,100.00	3,100.00	3,100.00			3,100.00	3,100.00	3,100.00	100%
CCO 23	ELECTRICAL FIELD MODS, SIGNAL HEAD & BATTERY BACKUP POLE MODS, EROSION CONTROL PARKWAY HYDROSEED	FA	0	1.00	0.00	25,000.00	25,000.00	25,000.00	25,000.00	956.14	956.14	23,908.32	24,854.46	24,854.46	99%

PLEASE COMPLETE THIS INFORMATION
RECORDING REQUESTED BY:

KECIA HARPER-IHEM, 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

** Recording
not done
waiting on dept. for legal
description*

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: Clay Street Union Pacific Railroad Grade Separation Project

Date of Completion: Date of this notice 05/02/17

Nature of owner: County of Riverside, public entity

Interest or estate of owner: Public Roadway

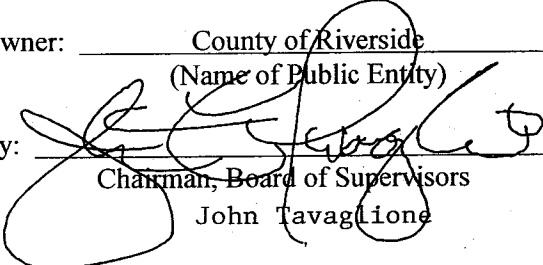
Address of owner: 4080 Lemon Street, 8th Floor, Riverside, CA 92501

Name of contractor: Ames Construction, Inc.

Street or legal description of site: Clay Street, General Drive and Linares Avenue

Dated: May 2, 2017

Owner: County of Riverside
(Name of Public Entity)

By: 
Chairman, Board of Supervisors
John Tavaglione

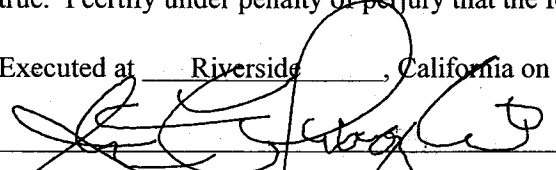
STATE OF CALIFORNIA)

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 05/02/17 (Date)

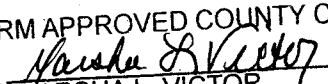

Chairman of the Board of Supervisors
John Tavaglione

ATTEST:

KECIA HARPER-IHEM, Clerk

By 
DEPUTY

05.02.17 3.29

FORM APPROVED COUNTY COUNSEL
BY:  4/19/17
MARSHA L. VICTOR DATE

COPY



PETER ALDANA
COUNTY OF RIVERSIDE
ASSESSOR-COUNTY CLERK-RECORDER

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

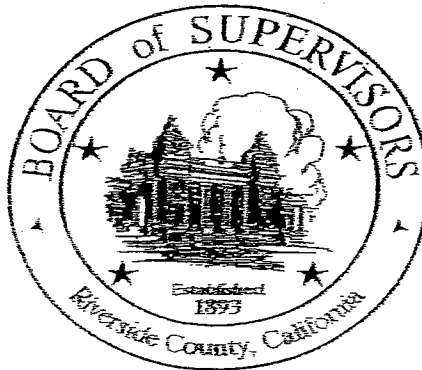
www.riversideacr.com

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 OF THE SEAL for the Riverside County Board of Supervisors
(embossed on document)



Date:

5-2-17

Signature:

Karen Barton

Print Name:

Karen Barton, Board Assistant, Riverside County Clerk of the Board