

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



**ITEM: 3.49
(ID # 24459)**

MEETING DATE:
Tuesday, May 21, 2024

FROM : TLMA-TRANSPORTATION:

SUBJECT: TRANSPORTATION AND LAND MANAGEMENT AGENCY/TRANSPORTATION:
Notice of Completion – Avenue 66 at SR-111 and Union Pacific Railroad Grade Separation
Project near the Community of Mecca. District 4. [\$0]

RECOMMENDED MOTION: That the Board of Supervisors:

1. Accept as complete the Construction of Avenue 66 at SR-111 and Union Pacific Railroad Grade Separation Project near the Community of Mecca;
2. Authorize the Chair 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

MINUTES OF THE BOARD OF SUPERVISORS

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

Ayes: Jeffries, Spiegel, Washington, Perez and Gutierrez
Nays: None
Absent: None
Date: May 21, 2024
xc: Trans., Recorder

Kimberly A. Rector
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:	23/24

C.E.O. RECOMMENDATION: Approve

BACKGROUND:

Summary

By Minute Order 3.34 of February 11, 2020, the Board of Supervisors entered into a contract with Riverside Construction Company of Riverside, California for the Construction of the Avenue 66 at SR-111 and Union Pacific Railroad Grade Separation Project near the Community of Mecca in the County of Riverside.

The original authorized amount of the contract was \$36,538,151. The total amended contract is \$39,621,165 which is 8.4% more than the originally authorized amount and was the result of 32 contract change orders as discussed in the attached Change Order Report.

The work was completed in conformance with the plans and specifications on March 25, 2022, with the contractor's landscape maintenance period ending on August 12, 2023. On August 20, 2023 Tropical Storm Hilary caused damaged to the project site which delayed acceptance from Caltrans for the work within their road right of way. The County was granted relief of maintenance from Caltrans on January 17, 2024.

Project Number: B8-0664, Federal Aid No. STPTCIFL-5956(221)

Impact on Residents and Businesses

The roadway improvements increased public safety by eliminating train and vehicle conflicts, reducing emergency services response times, providing bicycle and pedestrian facilities, reducing train noise, and decreasing greenhouse gas emissions by reducing particulate matter from idling vehicles.

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

Additional Fiscal Information

Budget			
Original Contract Amount			\$36,538,151
Total Change Orders Authorized	8.4%		\$3,083,014
Estimated Pending Change Orders	0.0%		\$0
Authorized Contract Amount			\$39,621,165
* Quantity Adjustments	-0.6%		(\$203,616)
+ CCO FA Adjustments	0.0%		\$0
Total Value of Work	107.9%		\$39,417,549
Expenditures			
Total Progress Payments			\$39,417,549
Estimated Pending Payments			\$0
Total Expenditures			\$39,417,549
(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."

Contract History and Price Reasonableness

Six bids were received on December 11, 2019 ranging from \$36,538,151 to \$39,984,610. The basis for the selection of a contractor is the lowest responsive and responsible bid. The lowest responsive and responsible bid was submitted by Riverside Construction Company in the amount of \$36,538,151 which was \$1,596,329 (4.19%) lower than the Engineer's cost estimate.

ATTACHMENTS:

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


 Jason Farin, Principal Management Analyst 5/15/2024


 Aaron Gettis, Chief of Deputy County Counsel 5/8/2024

**PETER ALDANA
COUNTY OF RIVERSIDE
ASSESSOR-COUNTY CLERK-RECORDER**

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

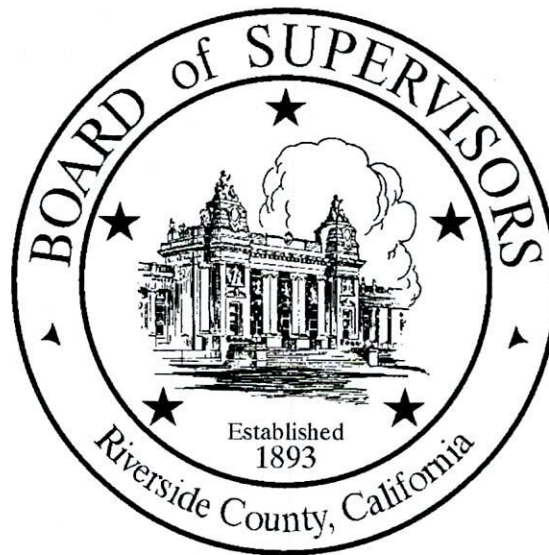
www.riversideacr.com

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: 05/21/2024

Signature: _____

Naomy Sicra

Print Name: Naomy Sicra, Clerk of the Board Assistant

CHANGE ORDER REPORT
(Avenue 66 at SR-111 and Union Pacific Railroad Grade Separation)

CCO #	Amount	Percent	Description
	Original Contract Amount \$36,538,151		
1	\$40,000	0.11%	Established a Dispute Resolution Board (DRB) and Partnering to assist with contract administration claims resolution process.
2	\$25,000	0.07%	Temporary soil stabilization measures, temporary sediment control measures and temporary tracking control measures to protect storm water systems and receiving waters from the discharge of potential pollutants.
3	\$50,000	0.14%	As determined by the Engineer, furnish, install, maintain, relocate and remove temporary traffic devices to improve or enhance traffic conditions on the project site necessary for Public Convenience and Public Safety.
4	\$8,000	0.02%	Reimbursement for on-site training as a part of the equal opportunity affirmative action federal trainee program.
5	\$75,000	0.21%	Native American on-site monitoring, storage and reburial of artifacts found on-site .
6	\$90,000	0.25%	Hand removal of vegetation and hazardous waste cleanup of homeless encampments that lie within the project limits, performed by a qualified hazardous waste materials subcontractor.
8	\$152,856	0.42%	Maintain, relocate and/or modify unforeseen electrical systems. Relocate utilities underground to avoid future conflicts and provide support services for third party utility companies as directed by the Engineer.
9	(\$129,888)	(0.36)%	Caltrans signed bridge plans, deletion of MSE retaining wall 101, soil stabilization to address utility conflicts and unsuitable material.
10	\$28,625	0.08%	Revise construction staging for the intersection of Ave 66 and SR-111 to perform all grading and HMA work in one weekend 55-hour extended closure.
Authorized Change Orders	\$339,593	0.93%	
7	\$963,106	2.64%	As directed by CVWD, change 30" waterline design during construction. Changes include upgrading pipe, adding protective zinc coating, zinc fittings and additional appurtenances and dewatering.
5S1	\$40,000	0.11%	Native American on-site monitoring, storage and reburial of artifacts found on-site .
9S1	\$155,000	0.42%	Soil stabilization to address utility conflicts and unsuitable material.
11	\$30,000	0.08%	Unforeseen design changes necessary for the ultimate construction of the Lincoln Channel Bridge and the Avenue 66 Bridge.
12	-\$127,456.25	-0.35%	Pavement design change that reduced the overall hot mix asphalt thickness required by 0.35' resulting in a project costs savings.

CHANGE ORDER REPORT
(Avenue 66 at SR-111 and Union Pacific Railroad Grade Separation)

13	\$50,000	0.14%	Installation of an irrigation electrical power supply and relocation of the existing light poles in the parking lot near the Boys and Girls Club.
17	\$50,000	0.14%	Crude oil price index fluctuations.
8S1	\$200,000	0.55%	Maintain, relocate and/or modify unforeseen electrical systems. Relocate utilities underground to avoid future conflicts and provide support services for third party utility companies as directed by the Engineer.
15	\$209,000	0.57%	Construction of a concrete channel lining under the Lincoln Channel Bridge.
14	\$25,022	0.07%	Design change to eliminate the 6-cell cast in place box culvert and replace with RCP pipe; change the top of the culvert to CRCP to reduce future maintenance concerns.
16	\$82,274.12	0.23%	Change the specified galvanized chain link fabric to nylon coated chain link fabric.
18	\$85,734.58	0.23%	Procuring and installing 14 palm trees, elimination of bid items associated with the irrigation system and extra work for final operation and maintenance not shown on the plans or specifications for the irrigation system and landscaping.
20	\$52,750	0.14%	Additional dewatering costs of the 8" sewer line.
21	\$197,250	0.54%	Additional flagging costs not accounted for in the lump sum payment for Bid Item #2 – "Relations with the Railroad (including Flagging)."
19	\$30,000	0.08%	Installation of an 18" Ductile Iron waterline due to IID conflicts with the existing CVWD waterline along Hammond Road.
23	\$20,000	0.05%	Hand clearing vegetation from the future Mecca Sports Park site.
22	\$86,598.48	0.24%	Re-grading completed roadway and modifying drainage to comply with a change in the plans.
15S1	\$206,380.43	0.56%	Construction of a concrete-channel lining under the Lincoln Channel Bridge.
9S2	\$67,717.12	0.19%	Soil stabilization to address utility conflicts and unsuitable material.
8S2	\$97,082.05	0.27%	Installing conduits, vaults and slurry backfill not shown the bid plans but required to relocate overhead IID distribution lines along Avenue 66 to support the project's permanent power supply.
24	-\$10,817.85	-0.03%	Added work required by Caltrans during the final operations, maintenance and safety walks.
25	\$36,748.04	0.10%	Mill and overlay roadway section, install Type E Dike and install a down drain.
26	\$197,032.8	0.54%	Re-grade Basins C1 and C2 to remove a silt layer at bottom of basin.

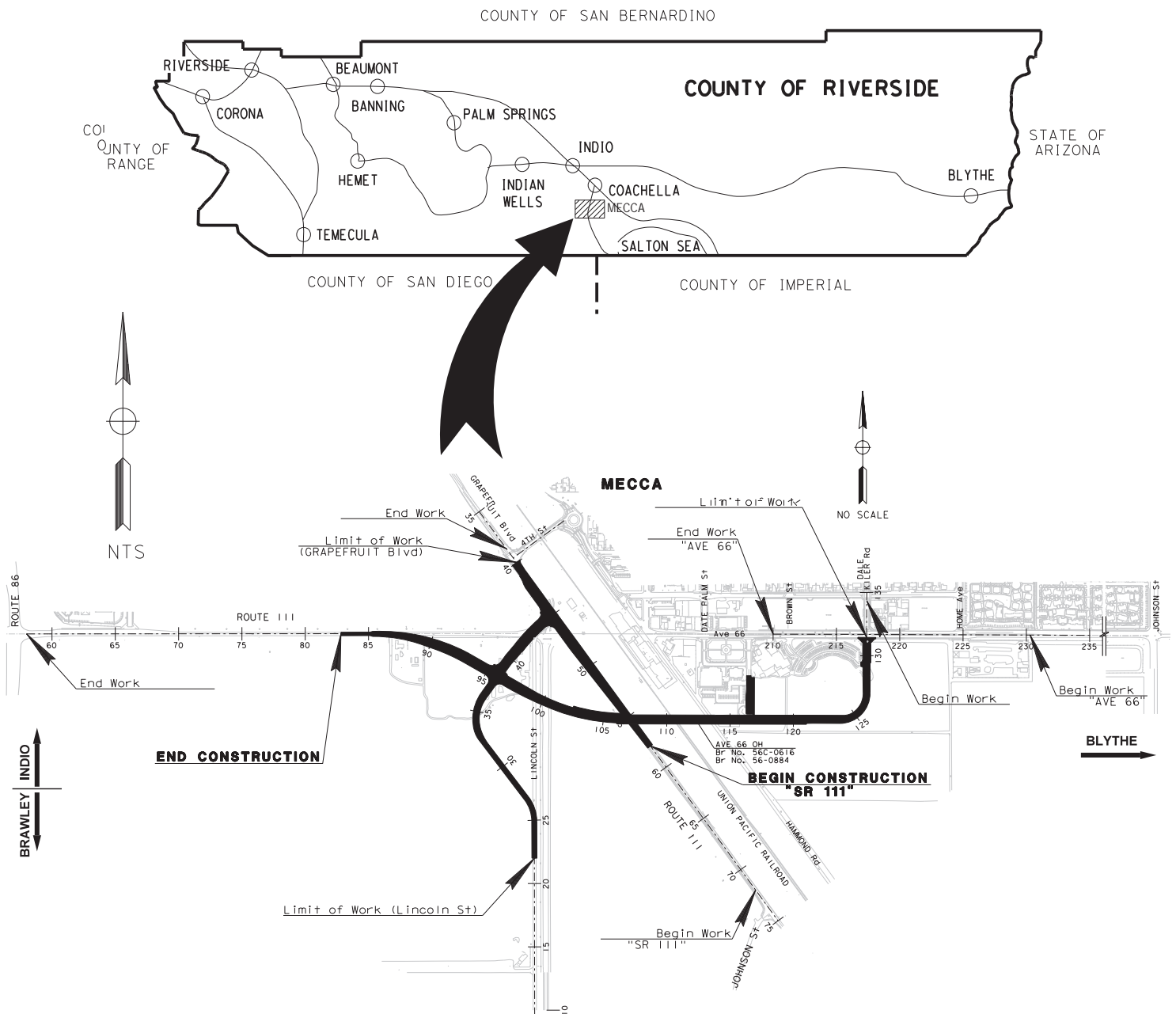
CHANGE ORDER REPORT
(Avenue 66 at SR-111 and Union Pacific Railroad Grade Separation)

Total Change Orders	\$3,083,049.82	8.44%	
Revised Contract Amount	\$39,621,165.12		

COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT

AVENUE 66 AT SR-111 AND UNION PACIFIC RAILROAD GRADE SEPARATION PROJECT

**COMMUNITY OF MECCA
PROJECT No. B8-0664
FEDERAL AID No. STPTCIFL-5956(221)**



VICINITY MAP

PROJECT: Avenue 66, at SR-111 and Union Pacific Railroad Grade Separation Project,
Community of Mecca
County Project No.: B8-0664, Federal Aid No. STPTCIFL-5956(221)
Contract No. 20-01-005

Contractor: Riverside Construction Company, Inc.
Address: 4225 Garner Road
City, State, Zip: Riverside, CA 92501



Estimate No. 30 FINAL
From: May 26, 2023
To: February 25, 2024

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Orders		Amended Contract		This Estimate		Previous Quantity	Total Estimate To Date		% Auth.
						Quantity	Amount	Quantity	Amount	Quantity	Amount		Quantity	Amount	
69	Furnish Steel Piling (HP 14 x 117)	LF	27,370	62.00	1,696,940.00			27,370.00	1,696,940.00			27,352.00	27,352.00	1,695,824.00	100%
70	Drive Steel Pile (HP 14 x 117)	EA	532	1,000.00	532,000.00			532.00	532,000.00			534.00	534.00	534,000.00	100%
71	Prestressing Cast-In-Place Concrete	LS	1	450,000.00	450,000.00			1.00	450,000.00			1.00	1.00	450,000.00	100%
72	Structural Concrete, Bridge Footing	CY	1,557	350.00	544,950.00			1,557.00	544,950.00			1,557.00	1,557.00	544,950.00	100%
73	Structural Concrete, Bridge	CY	5,730	825.00	4,727,250.00			5,730.00	4,727,250.00			5,730.00	5,730.00	4,727,250.00	100%
74	Structural Concrete, Bridge (Polymer Fiber)	CY	2,035	825.00	1,678,875.00			2,035.00	1,678,875.00			2,035.00	2,035.00	1,678,875.00	100%
75	Structural Concrete, Retaining Wall	CY	311	475.00	147,725.00			311.00	147,725.00			311.00	311.00	147,725.00	100%
76	Structural Concrete, Barrier Slab	CY	1,028	625.00	642,500.00			1,028.00	642,500.00			1,028.00	1,028.00	642,500.00	100%
77	Structural Concrete, Approach Slab (Type N)	CY	420	600.00	252,000.00			420.00	252,000.00			420.00	420.00	252,000.00	100%
78	Structural Concrete, Box Culvert & CCO 14	CY	127	550.00	69,850.00	-107.00	-58,850.00	20.00	11,000.00			20.00	20.00	11,000.00	100%
79	Structural Concrete, Drainage Inlet	CY	39	2,000.00	78,000.00			39.00	78,000.00			39.00	39.00	78,000.00	100%
80	Minor Concrete (Minor Structure)	CY	265	600.00	159,000.00			265.00	159,000.00			265.00	265.00	159,000.00	100%
81	Minor Concrete (Backfill) & CCO 14	CY	560	150.00	84,000.00	110.00	16,500.00	670.00	100,500.00			670.00	670.00	100,500.00	100%
82	Architectural Treatment [Silhouette A]	EA	2	2,500.00	5,000.00			2.00	5,000.00			2.00	2.00	5,000.00	100%
83	Architectural Treatment [Silhouette B]	EA	1	2,500.00	2,500.00			1.00	2,500.00			1.00	1.00	2,500.00	100%
84	Architectural Treatment [Silhouette C]	EA	1	2,500.00	2,500.00			1.00	2,500.00			1.00	1.00	2,500.00	100%
85	Recessed Concrete Logo	EA	4	15,000.00	60,000.00			4.00	60,000.00			4.00	4.00	60,000.00	100%
86	Berkely Rib Texture	SQFT	5,304	20.00	106,080.00			5,304.00	106,080.00			5,304.00	5,304.00	106,080.00	100%
87	ITEM DELETED BY ADDENDUM														N/A
88	PTFE Spherical Bearing	EA	6	20,000.00	120,000.00			6.00	120,000.00			6.00	6.00	120,000.00	100%
89	Joint Seal Assembly (MR6") & CCO 22	LF	89	1,400.00	124,600.00	-13.00	-18,200.00	76.00	106,400.00			76.00	76.00	106,400.00	100%
90	Joint Seal (Type B) (MR2") & CCO 22	LF	166	160.00	26,560.00	-4.00	-640.00	162.00	25,920.00			162.00	162.00	25,920.00	100%
91	Joint Seal Assembly (MR9") & CCO 22	LF	89	1,950.00	173,550.00	-13.00	-25,350.00	76.00	148,200.00			76.00	76.00	148,200.00	100%
92	Bar Reinforcing Steel (Bridge)	LB	2,015,057	1.00	2,015,057.00			2,015,057.00	2,015,057.00			2,015,057.00	2,015,057.00	2,015,057.00	100%
93	Bar Reinforcing Steel (Retaining Wall)	LB	30,000	1.70	51,000.00			30,000.00	51,000.00			30,000.00	30,000.00	51,000.00	100%
94	Bar Reinforcing Steel (Box Culvert) & CCO 14	LB	45,885	1.00	45,885.00	-38,385.00	-38,385.00	7,500.00	7,500.00			7,500.00	7,500.00	7,500.00	100%
95	Bar Reinforcing Steel (Epoxy Coated) (Bridge)	LB	12,694	2.00	25,388.00			12,694.00	25,388.00			12,694.00	12,694.00	25,388.00	100%
96	Bar Reinforcing Steel (Galvanized) (Bridge)	LB	8,419	1.00	8,419.00			8,419.00	8,419.00			8,419.00	8,419.00	8,419.00	100%
97	Mecca Sign Panel	EA	4	15,000.00	60,000.00			4.00	60,000.00			4.00	4.00	60,000.00	100%
98	Pedestrian Barricade (Type I)	EA	2	1,000.00	2,000.00			2.00	2,000.00			2.00	2.00	2,000.00	100%
99	Sound Wall (Masonry Block)	SQFT	1,550	15.00	23,250.00			1,550.00	23,250.00			1,550.00	1,550.00	23,250.00	100%
100	Access Gate (Sound Wall)	EA	1	3,500.00	3,500.00			1.00	3,500.00			1.00	1.00	3,500.00	100%
101	18" Plastic Pipe	LF	1,066	70.00	74,620.00			1,066.00	74,620.00			1,062.00	1,062.00	74,340.00	100%
102	24" Plastic Pipe & CCO 22	LF	158	100.00	15,800.00	7.00	700.00	165.00	16,500.00			165.00	165.00	16,500.00	100%


PROJECT: Avenue 66, at SR-111 and Union Pacific Railroad Grade Separation Project,
Community of Mecca
County Project No.: B8-0664, Federal Aid No. STPTCIFL-5956(221)
Contract No. 20-01-005


Contractor: Riverside Construction Company, Inc.
Address: 4225 Garner Road
City, State, Zip: Riverside, CA 92501




Estimate No. 30 FINAL
From: May 26, 2023
To: February 25, 2024

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Orders		Amended Contract		This Estimate		Previous Quantity	Total Estimate To Date		% Auth.
						Quantity	Amount	Quantity	Amount	Quantity	Amount		Quantity	Amount	
103	36" Reinforced Concrete Pipe (Class III)	LF	22	250.00	5,500.00			22.00	5,500.00			22.00	22.00	5,500.00	100%
104	18" Reinforced Concrete Pipe (Class III) & CCO 14, CCO 22	LF	1,276	90.00	114,840.00	540.00	48,600.00	1,816.00	163,440.00			1,816.00	1,816.00	163,440.00	100%
105	Drainage Inlet Marker	EA	26	150.00	3,900.00			26.00	3,900.00			26.00	26.00	3,900.00	100%
106	Welded Steel Pipe Casing (Bridge) & CCO 22	LF	174	515.00	89,610.00	-20.00	-10,300.00	154.00	79,310.00			154.00	154.00	79,310.00	100%
107	18" Welded Steel Pipe (Storm Drain) (Bridge)	LF	216	315.00	68,040.00			216.00	68,040.00			216.00	216.00	68,040.00	100%
108	Storm Drain Cradle Support & CCO 22	EA	16	1,000.00	16,000.00	-4.00	-4,000.00	12.00	12,000.00			12.00	12.00	12,000.00	100%
109	Double Ball Expansion Joint (Storm Drain)	EA	2	25,000.00	50,000.00			2.00	50,000.00			2.00	2.00	50,000.00	100%
110	24" Welded Steel Pipe Casing [Irrigation]	LF	160	425.00	68,000.00			160.00	68,000.00			160.00	160.00	68,000.00	100%
111	18" Concrete Flared End Section	EA	1	500.00	500.00			1.00	500.00			1.00	1.00	500.00	100%
112	18" Plastic Flared End Section	EA	6	450.00	2,700.00			6.00	2,700.00			6.00	6.00	2,700.00	100%
113	24" Plastic Flared End Section	EA	4	550.00	2,200.00			4.00	2,200.00			4.00	4.00	2,200.00	100%
114	Remove Pipe (LF)	LF	911	25.00	22,775.00			911.00	22,775.00			911.00	911.00	22,775.00	100%
115	Remove Inlet & CCO 22	EA	1	1,500.00	1,500.00	1.00	1,500.00	2.00	3,000.00			2.00	2.00	3,000.00	100%
116	Slope Paving (Concrete)	CY	50	700.00	35,000.00			50.00	35,000.00			50.00	50.00	35,000.00	100%
117	Rock Slope Protection (60 lb, Class II, Method B)	CY	6	225.00	1,350.00			6.00	1,350.00			6.00	6.00	1,350.00	100%
118	Rock Slope Protection (20 lb, Class I, Method B) & CCO 14 & CCO 24	CY	76	325.00	24,700.00	4.70	1,527.50	80.70	26,227.50			80.70	80.70	26,227.50	100%
119	Rock Slope Protection Fabric (Class 8) & CCO 14 & CCO 24	SQYD	167	14.00	2,338.00	-9.30	-130.20	157.70	2,207.80			157.70	157.70	2,207.80	100%
120	Minor Concrete (Curb) & CCO 14 & CCO 24	CY	36	800.00	28,800.00	-11.44	-9,152.00	24.56	19,648.00			24.56	24.56	19,648.00	100%
121	Detectable Warning Surface	SQFT	260	35.00	9,100.00			260.00	9,100.00			261.00	261.00	9,135.00	100%
122	Minor Concrete (Curb and Gutter) & CCO 24	CY	230	350.00	80,500.00	-18.37	-6,429.50	211.63	74,070.50			211.63	211.63	74,070.50	100%
123	Minor Concrete (Sidewalk) & CCO 14, CCO 22	CY	440	250.00	110,000.00	-200.21	-50,052.50	239.79	59,947.50			239.79	239.79	59,947.50	100%
124	Minor Concrete (Curb Ramp) & CCO 22	CY	20	850.00	17,000.00	-14.00	-11,900.00	6.00	5,100.00			6.00	6.00	5,100.00	100%
125	Remove Concrete Curb & CCO 24	LF	290	6.50	1,885.00	-40.00	-260.00	250.00	1,625.00			250.00	250.00	1,625.00	100%
126	Remove Concrete Sidewalk & CCO 24	SQYD	620	12.00	7,440.00	-119.45	-1,433.40	500.55	6,006.60			500.55	500.55	6,006.60	100%
127	Remove Concrete (Curb and Gutter) & CCO 24	LF	720	7.50	5,400.00	-39.00	-292.50	681.00	5,107.50			681.00	681.00	5,107.50	100%
128	Minor Concrete (Cross Gutter)	CY	44	300.00	13,200.00			44.00	13,200.00			44.00	44.00	13,200.00	100%
129	Minor Concrete (Commercial Driveway)	CY	19	400.00	7,600.00			19.00	7,600.00			19.00	19.00	7,600.00	100%
130	Remove Concrete [Cross Gutter] & CCO 24	SQYD	220	30.00	6,600.00	-28.00	-840.00	192.00	5,760.00			192.00	192.00	5,760.00	100%
131	Remove Concrete [Curb Ramp] & CCO 24	SQYD	130	15.00	1,950.00	-41.00	-615.00	89.00	1,335.00			89.00	89.00	1,335.00	100%
132	Miscellaneous Iron and Steel	LB	8,796	3.00	26,388.00			8,796.00	26,388.00			8,796.00	8,796.00	26,388.00	100%
133	Manhole Frame and Cover	EA	15	750.00	11,250.00			15.00	11,250.00			15.00	15.00	11,250.00	100%
134	Miscellaneous Metal (Bridge)	LB	1,920	25.00	48,000.00			1,920.00	48,000.00			1,920.00	1,920.00	48,000.00	100%
135	Bridge Deck Drainage System	LB	47,065	7.00	329,455.00			47,065.00	329,455.00			47,065.00	47,065.00	329,455.00	100%
136	8" PVC Pipe-SDR 26	LF	470	160.00	75,200.00			470.00	75,200.00			470.00	470.00	75,200.00	100%

PROJECT: Avenue 66, at SR-111 and Union Pacific Railroad Grade Separation Project, Community of Mecca					Contractor: Riverside Construction Company, Inc.							Estimate No.		30 FINAL		
County Project No.: B8-0664, Federal Aid No. STPTCIFL-5956(221)					Address: 4225 Garner Road							From: May 26, 2023		To: February 25, 2024		
Contract No. 20-01-005					City, State, Zip: Riverside, CA 92501											
Item No.	Item Description	Units	Quantity	Unit Price	Original Contract		Change Orders		Amended Contract		This Estimate		Previous Quantity	Total Estimate To Date		% Auth.
					Amount	Quantity	Amount	Quantity	Amount	Quantity	Quantity	Amount		Quantity	Amount	
137	Manhole [48"]	EA	1	5,500.00	5,500.00				1.00	5,500.00			1.00	1.00	5,500.00	100%
138	Paint Curb (2-Coat)	SQFT	200	3.00	600.00				200.00	600.00			200.00	200.00	600.00	100%
139	Prepare and Stain Concrete & CCO 24	SQFT	700	10.00	7,000.00	-175.00	-1,750.00		525.00	5,250.00			525.00	525.00	5,250.00	100%
140	Anti-Graffiti Coating & CCO 9	SQFT	102,310	1.25	127,887.50	-2,960.00	-3,700.00		99,350.00	124,187.50			99,350.00	99,350.00	124,187.50	100%
141	Parking Bumper (Precast Concrete)	EA	2	150.00	300.00				2.00	300.00			2.00	2.00	300.00	100%
142	Obliterate Surfacing	SQYD	5,370	1.50	8,055.00				5,370.00	8,055.00			5,370.00	5,370.00	8,055.00	100%
143	Remove Fence & CCO 24	LF	1,290	10.00	12,900.00	-672.00	-6,720.00		618.00	6,180.00			618.00	618.00	6,180.00	100%
144	Relocate Fence	LF	150	50.00	7,500.00				150.00	7,500.00			150.00	150.00	7,500.00	100%
145	Remove Roadside Sign & CCO 24	EA	19	100.00	1,900.00	-1.00	-100.00		18.00	1,800.00			18.00	18.00	1,800.00	100%
146	Remove Roadside Sign (Strap and Saddle Bracket Method)	EA	1	100.00	100.00				1.00	100.00			1.00	1.00	100.00	100%
147	Relocate Roadside Sign	EA	13	500.00	6,500.00				13.00	6,500.00			13.00	13.00	6,500.00	100%
148	Furnish Single Sheet Aluminum Sign (0.063"-Unframed)	SQFT	280	10.00	2,800.00	79.33	793.30		359.33	3,593.30			359.33	359.33	3,593.30	100%
149	Furnish Single Sheet Aluminum Sign (0.080"-Unframed) & CCO 24	SQFT	300	12.00	3,600.00	-20.00	-240.00		280.00	3,360.00			280.00	280.00	3,360.00	100%
150	Furnish Single Sheet Aluminum Sign (0.063"-Framed)	SQFT	8	12.00	96.00				8.00	96.00			8.00	8.00	96.00	100%
151	Furnish Single Sheet Aluminum Sign (0.080"-Framed)	SQFT	88	14.00	1,232.00				88.00	1,232.00			88.00	88.00	1,232.00	100%
152	Retroreflective Sheeting (Type XI)	SQFT	548	10.00	5,480.00	86.16	861.60		634.16	6,341.60			634.16	634.16	6,341.60	100%
153	Roadside Sign -One Post	EA	49	300.00	14,700.00	4.00	1,200.00		53.00	15,900.00			53.00	53.00	15,900.00	100%
154	Roadside Sign -Two Post	EA	1	750.00	750.00	2.00	1,500.00		3.00	2,250.00			3.00	3.00	2,250.00	100%
155	Install Sign (Strap and Saddle Bracket Method)	EA	5	200.00	1,000.00	1.00	200.00		6.00	1,200.00			6.00	6.00	1,200.00	100%
156	Install Sign (Mast-Arm Hanger Method)	EA	22	325.00	7,150.00				22.00	7,150.00			22.00	22.00	7,150.00	100%
157	Midwest Guardrail System & CCO 22	LF	660	40.00	26,400.00	33.00	1,320.00		693.00	27,720.00			693.00	693.00	27,720.00	100%
158	Vegetation Control (Minor Concrete) & CCO 22	SQYD	440	95.00	41,800.00	120.00	11,400.00		560.00	53,200.00			560.00	560.00	53,200.00	100%
159	Chain Link Railing (Type 7 Modified)	LF	1,721	120.00	206,520.00				1,721.00	206,520.00			1,721.00	1,721.00	206,520.00	100%
160	Tubular Handrailing	LF	1,669	75.00	125,175.00				1,669.00	125,175.00			1,669.00	1,669.00	125,175.00	100%
161	Concrete Pedestrian Railing	LF	1,073	200.00	214,600.00				1,073.00	214,600.00			1,073.00	1,073.00	214,600.00	100%
162	Concrete Barrier (Type 732SW Modified) & CCO 14	LF	1,093	300.00	327,900.00	-33.00	-9,900.00		1,060.00	318,000.00			1,060.00	1,060.00	318,000.00	100%
163	Concrete Barrier (Type 836 Modified)	LF	1,898	125.00	237,250.00				1,898.00	237,250.00			1,898.00	1,898.00	237,250.00	100%
164	Concrete Barrier (Type 842 Modified)	LF	1,066	150.00	159,900.00				1,066.00	159,900.00			1,066.00	1,066.00	159,900.00	100%
165	Concrete Barrier (Type 842) & CCO 14	LF	33	250.00	8,250.00	-33.00	-8,250.00									N/A
166	Transition Railing (Type WB-31) & CCO 22	EA	2	4,000.00	8,000.00	2.00	8,000.00		4.00	16,000.00			4.00	4.00	16,000.00	100%
167	ITEM DELETED BY ADDENDUM															N/A
168	Alternative In-line Terminal System	EA	4	4,000.00	16,000.00				4.00	16,000.00			4.00	4.00	16,000.00	100%
169	Remove Guardrail & CCO 22	LF	62	25.00	1,550.00	44.00	1,100.00		106.00	2,650.00			106.00	106.00	2,650.00	100%
170	8" Thermoplastic Traffic Stripe (Enhanced Wet Night Visibility) (Broken 12'-3') & CCO 24	LF	520	1.70	884.00	-405.00	-688.50		115.00	195.50			115.00	115.00	195.50	100%


PROJECT: Avenue 66, at SR-111 and Union Pacific Railroad Grade Separation Project, Community of Mecca					Contractor: Riverside Construction Company, Inc.							Estimate No.		30 FINAL		
County Project No.: B8-0664, Federal Aid No. STPTCIFL-5956(221)					Address: 4225 Garner Road							From: May 26, 2023		To: February 25, 2024		
Contract No. 20-01-005					City, State, Zip: Riverside, CA 92501											
Item No.	Item Description	Units	Quantity	Unit Price	Original Contract		Change Orders		Amended Contract		This Estimate		Previous Quantity	Total Estimate To Date		% Auth.
					Amount	Quantity	Amount	Quantity	Amount	Quantity	Quantity	Amount		Quantity	Amount	
171	Thermoplastic Pavement Marking (Enhanced Wet Night Visibility)	SQFT	3,910	5.00	19,550.00	65.00	325.00	3,975.00	19,875.00			3,975.00	3,975.00	19,875.00	100%	
172	6" Thermoplastic Traffic Stripe (Enhanced Wet Night Visibility) (Broken 6-1)	LF	90	0.85	76.50			90.00	76.50			90.00	90.00	76.50	100%	
173	6" Thermoplastic Traffic Stripe (Enhanced Wet Night Visibility) (Broken 36-12)	LF	1,002	0.65	651.30			1,002.00	651.30			1,002.00	1,002.00	651.30	100%	
174	Painted Stall lines and Pavement Markings & CCO 24	SQFT	840	1.00	840.00	-6.00	-6.00	834.00	834.00			834.00	834.00	834.00	100%	
175	6" Thermoplastic Traffic Stripe (Enhanced Wet Night Visibility)	LF	53,665	1.20	64,398.00	1,350.00	1,620.00	55,015.00	66,018.00			55,015.00	55,015.00	66,018.00	100%	
176	6" Thermoplastic Traffic Stripe (Enhanced Wet Night Visibility) (Broken 8-4)	LF	190	0.85	161.50			190.00	161.50			190.00	190.00	161.50	100%	
177	8" Thermoplastic Traffic Stripe (Enhanced Wet Night Visibility)	LF	6,317	2.00	12,634.00			6,317.00	12,634.00			6,317.00	6,317.00	12,634.00	100%	
178	Remove Thermoplastic Traffic Stripe	LF	4,630	1.00	4,630.00	95.00	95.00	4,725.00	4,725.00			4,725.00	4,725.00	4,725.00	100%	
179	Remove Thermoplastic Pavement Marking	SQFT	67	4.00	268.00	14.00	56.00	81.00	324.00			81.00	81.00	324.00	100%	
180	12" Rumble Strip (asphalt concrete pavement)	STA	15	200.00	3,000.00			15.00	3,000.00			15.00	15.00	3,000.00	100%	
181	Pavement Marker (Retroreflective)	EA	1,790	3.50	6,265.00			1,790.00	6,265.00			1,790.00	1,790.00	6,265.00	100%	
182	Signal and Lighting System (Location 1)	LS	1	235,000.00	235,000.00			1.00	235,000.00			1.00	1.00	235,000.00	100%	
183	Signal and Lighting System (Location 2)	LS	1	210,000.00	210,000.00			1.00	210,000.00			1.00	1.00	210,000.00	100%	
184	Signal and Lighting System (Location 3)	LS	1	225,000.00	225,000.00			1.00	225,000.00			1.00	1.00	225,000.00	100%	
185	Lighting System	LS	1	150,000.00	150,000.00			1.00	150,000.00			1.00	1.00	150,000.00	100%	
186	Modifying Existing Electrical System	LS	1	5,000.00	5,000.00			1.00	5,000.00			1.00	1.00	5,000.00	100%	
187	ITEM DELETED BY ADDENDUM	---													N/A	
188	Mobilization, Demobilization, and Final Cleanup	LS	1	2,800,000.00	2,800,000.00			1.00	2,800,000.00			1.00	1.00	2,800,000.00	100%	
188a	Architectural Treatment [Silhouette D]	EA	1	2,500.00	2,500.00			1.00	2,500.00			1.00	1.00	2,500.00	100%	
188b	Architectural Treatment [Silhouette E]	EA	1	2,500.00	2,500.00			1.00	2,500.00			1.00	1.00	2,500.00	100%	
188c	Architectural Treatment [Silhouette F]	EA	1	2,500.00	2,500.00			1.00	2,500.00			1.00	1.00	2,500.00	100%	
188d	Architectural Treatment [Silhouette G]	EA	1	2,500.00	2,500.00			1.00	2,500.00			1.00	1.00	2,500.00	100%	
188e	Architectural Treatment [Silhouette H]	EA	12	1,500.00	18,000.00			12.00	18,000.00			12.00	12.00	18,000.00	100%	
188f	Abandon Manhole	EA	2	4,000.00	8,000.00			2.00	8,000.00			2.00	2.00	8,000.00	100%	
188g	Abandon Sewer	LF	558	18.00	10,044.00			558.00	10,044.00			558.00	558.00	10,044.00	100%	
188h	Remove Sewer Pipe	LF	217	50.00	10,850.00			217.00	10,850.00			217.00	217.00	10,850.00	100%	
188i	ITEM DELETED BY ADDENDUM	---			0.00										N/A	
188j	Structural Concrete, Coping & CCO 9	CY	49	2,400.00	117,600.00	-29.00	-69,600.00	20.00	48,000.00			20.00	20.00	48,000.00	100%	
188k	Picket Railing & CCO 9	LF	669	178.00	119,082.00	-394.00	-70,132.00	275.00	48,950.00			275.00	275.00	48,950.00	100%	
188l	Decorative Boulders	EA	97	550.00	53,350.00	2.00	1,100.00	99.00	54,450.00			99.00	99.00	54,450.00	100%	
188m	Steel Edging	LF	1,110	11.00	12,210.00			1,110.00	12,210.00			1,110.00	1,110.00	12,210.00	100%	
188n	Rock Mulch	SF	44,700	3.35	149,745.00	300.00	1,005.00	45,000.00	150,750.00			45,000.00	45,000.00	150,750.00	100%	
188o	Iron Sulfate	LB	3	100.00	300.00			3.00	300.00			3.00	3.00	300.00	100%	
188p	Soil Amendment	CY	2	145.00	290.00			2.00	290.00			2.00	2.00	290.00	100%	

PROJECT: Avenue 66, at SR-111 and Union Pacific Railroad Grade Separation Project, Community of Mecca					Contractor: Riverside Construction Company, Inc.							Estimate No.		30 FINAL		
County Project No.: B8-0664, Federal Aid No. STPTCIFL-5956(221)					Address: 4225 Garner Road							From:		May 26, 2023		
Contract No. 20-01-005					City, State, Zip: Riverside, CA 92501					To:		February 25, 2024				
Item No.	Item Description	Units	Quantity	Unit Price	Original Contract		Change Orders		Amended Contract		This Estimate		Previous Quantity	Total Estimate To Date		% Auth.
					Amount	Quantity	Amount	Quantity	Amount	Quantity	Quantity	Amount		Quantity	Amount	
203	6" Gate Valve & CCO 7	EA	1	1,800.00	1,800.00	-1.00	-1,800.00									N/A
204	12" Gate Valve & CCO 7	EA	1	3,000.00	3,000.00	-1.00	-3,000.00									N/A
205	Waterline Reducer (30" to 12") & CCO 7	EA	1	10,500.00	10,500.00	-1.00	-10,500.00									N/A
CCO 1	Dispute Review Board (DRB)	FA	0	1.00	0.00	20,000.00	20,000.00	20,000.00	20,000.00							0%
CCO 1	Partnering	FA	0	1.00	0.00	20,000.00	20,000.00	20,000.00	20,000.00							0%
CCO 2	Soil and Stabilization Measures/ Sediment Control	FA	0	1.00	0.00	25,000.00	25,000.00	25,000.00	25,000.00			24,905.00	24,905.00	24,905.00	100%	100%
CCO 3	Public Safety/ Public Convenience	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%	100%
CCO 4	Federal Training Program	AUP	0	0.80	0.00	10,000.00	8,000.00	10,000.00	8,000.00							0%
CCO 5	Native American Monitoring	FA	0	1.00	0.00	85,000.00	85,000.00	85,000.00	85,000.00			85,000.00	85,000.00	85,000.00	100%	100%
CCO 5S1	Native American Monitoring	FA	0	1.00	0.00	40,000.00	40,000.00	40,000.00	40,000.00			31,490.00	31,490.00	31,490.00	79%	79%
CCO 6	Cut Vegetation, No Trespassing Signs, Hazardous Materials	FA	0	1.00	0.00	90,000.00	90,000.00	90,000.00	90,000.00			90,000.00	90,000.00	90,000.00	100%	100%
CCO 7-1	Welded Steel Pipe Casing	AP	0	700.00	0.00	156.00	109,200.00	156.00	109,200.00			156.00	156.00	109,200.00	100%	100%
CCO 7-2	Double Ball Expansion Joint (Waterline)	AP	0	175,000.00	0.00	4.00	700,000.00	4.00	700,000.00			4.00	4.00	700,000.00	100%	100%
CCO 7-3	30" Ductile Iron Pipe (Water Main)	AP	0	568.35	0.00	2,801.00	1,591,948.35	2,801.00	1,591,948.35			2,677.00	2,677.00	1,521,472.95	96%	96%
CCO 7-4	30" Welded Steel Pipe (.250" Thick)	AP	0	375.00	0.00	1,091.00	409,125.00	1,091.00	409,125.00			1,091.00	1,091.00	409,125.00	100%	100%
CCO 7-5	4" Air Release and Air/ Vacuum Valve	AP	0	17,500.00	0.00	2.00	35,000.00	2.00	35,000.00			2.00	2.00	35,000.00	100%	100%
CCO 7-6	6" Temporary Blow-Off	AP	0	12,500.00	0.00	2.00	25,000.00	2.00	25,000.00			2.00	2.00	25,000.00	100%	100%
CCO 7-7	Mobilization, Demobilization, and Final Cleanup	AP	0	1.00	0.00	1.00	1.00	1.00	1.00			1.00	1.00	1.00	100%	100%
CCO 7-8	12" Ductile Iron Pipe Watermain	AP	0	225.00	0.00	109.00	24,525.00	109.00	24,525.00			98.10	98.10	22,072.50	90%	90%
CCO 7-9	30" Butterfly Valve	AP	0	25,000.00	0.00	3.00	75,000.00	3.00	75,000.00			3.00	3.00	75,000.00	100%	100%
CCO 7-10	12" Gate Valve	AP	0	4,500.00	0.00	3.00	13,500.00	3.00	13,500.00			3.00	3.00	13,500.00	100%	100%
CCO 7-11	Waterline Reducer (30" to 12")	AP	0	11,000.00	0.00	2.00	22,000.00	2.00	22,000.00			2.00	2.00	22,000.00	100%	100%
CCO 7-12	6" Air Release and Air/ Vacuum Release	AP	0	35,000.00	0.00	4.00	140,000.00	4.00	140,000.00			3.00	3.00	105,000.00	75%	75%
CCO 7-13	Procure Insulation Kits	AP	0	24,944.14	0.00	1.00	24,944.14	1.00	24,944.14			1.00	1.00	24,944.14	100%	100%
CCO 7-14	Install Fire Hydrant	AP	0	42,500.00	0.00	1.00	42,500.00	1.00	42,500.00			1.00	1.00	42,500.00	100%	100%
CCO 7-15	Megalug Flanges	AP	0	27,573.06	0.00	1.00	27,573.06	1.00	27,573.06			1.00	1.00	27,573.06	100%	100%
CCO 7-16	Dewatering & CCO 19	FA	0	1.00	0.00											N/A
CCO 8-1	Third Party Utilities	FA	0	1.00	0.00	125,000.00	125,000.00	125,000.00	125,000.00			125,000.00	125,000.00	125,000.00	100%	100%
CCO 8-2	Relocate Existing Traffic Data Node Pole	LS	0	1.00	0.00	27,855.75	27,855.75	27,855.75	27,855.75			27,855.75	27,855.75	27,855.75	100%	100%
CCO 8S1	Relocate Existing Traffic Data Node Pole	FA	0	1.00	0.00	200,000.00	200,000.00	200,000.00	200,000.00			200,000.00	200,000.00	200,000.00	100%	100%
CCO 8S2	Electrical and Utility Changes	FA	0	1.00	0.00	97,082.05	97,082.05	97,082.05	97,082.05			97,082.05	97,082.05	97,082.05	100%	100%
CCO 9-1	Abutement 6 and Shoring	FA	0	1.00	0.00	150,000.00	150,000.00	150,000.00	150,000.00			150,000.00	150,000.00	150,000.00	100%	100%
CCO 9-2	Unsuitable Material	FA	0	1.00	0.00	200,000.00	200,000.00	200,000.00	200,000.00			200,000.00	200,000.00	200,000.00	100%	100%
CCO 9S1	Abutement 6 and Shoring	FA	0	1.00	0.00	120,000.00	120,000.00	120,000.00	120,000.00			120,000.00	120,000.00	120,000.00	100%	100%

PROJECT: Avenue 66, at SR-111 and Union Pacific Railroad Grade Separation Project, Community of Mecca County Project No.: B8-0664, Federal Aid No. STPTCIFL-5956(221) Contract No. 20-01-005	Contractor: Riverside Construction Company, Inc. Address: 4225 Garner Road City, State, Zip: Riverside, CA 92501		Estimate No. 30 FINAL From: May 26, 2023 To: February 25, 2024
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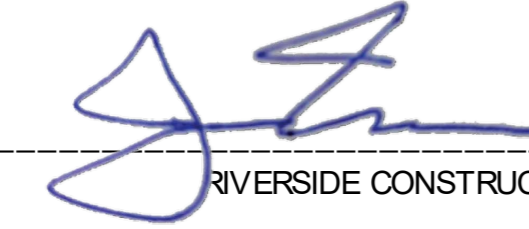
Item No.	Item Description	Units	Quantity	Unit Price	Original Contract		Change Orders		Amended Contract		This Estimate		Previous Quantity	Total Estimate To Date		% Auth.
					Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity		Amount		
PROJECT TOTAL					36,538,151.30		3,083,013.82		39,621,165.12		233,780.84			39,417,549.05		

Made by: <u>Greg Gwozdz</u>	Working Days: 345	Start Date: 5-11-20	TOTAL VALUE OF WORK TO DATE: \$39,417,549.05 LESS RETENTION: 0% 0.00 TOTAL DUE TO DATE: \$39,417,549.05 LESS PREVIOUSLY INVOICED: 39,183,768.21 LESS LABOR NON-COMPLIANCE 0.00 TOTAL DUE THIS PAYMENT: \$233,780.84
Checked by: <u>LR/TN</u>	Days Added: 105	End Date: 3-25-22	
OK Const. Supv. <u>WM</u>	Subtotal: 450	% \$ Complete: 99%	
	Days Used: 450	Original Contract: \$36,538,151.30	
	% Time Elapsed: 100%	Amended Contract: \$39,621,165.12	

This Estimate Approved  Date: 3/1/2024 for: \$233,780.84

Patricia Romo, Interim Director of Transportation

Received by Accounts Payable: _____
By: _____

Quantities on This Estimate Approved  Date: 02/26/2024
RIVERSIDE CONSTRUCTION COMPANY

Payment Approval

FUND: 20000

DEPT. ID.: 31305

ACCOUNT: 527980

PROJECT: ZB8-0064E

ACTIVITY ID.: Z3500

RESOURCE CLM

SIGNATURE: 

DATE: 02/27/2024

2/27/24
JC