

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

407



FROM: TLMA – Transportation Department

SUBMITTAL DATE:
October 9, 2013

SUBJECT: Notice of Completion – Newport Road and Goetz Road Completion of Improvements, 3rd/3rd District [\$7,132,580, Local Funds 100%]

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

BACKGROUND:

Summary

By Minute Order 3-51 of October 19, 2010, the Board of Supervisors entered into a contract with SEMA Construction, Inc. of Lake Forest, CA for the completion of improvements on Goetz Road between Railroad Canyon Road and north of Normandy Road, including construction of a new bridge over Salt Creek in the Audie Murphy Ranch area within the cities of Menifee and Canyon Lake.

Patricia Romo
Assistant Director of Transportation

Patricia Romo

Juan C. Perez
Director of Transportation and Land Management

Departmental Concurrence

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (Per Exec. Office)
COST	\$ 0.00	\$ 0.00	\$ 7,132,580	\$ 0.00	Consent <input type="checkbox"/> Policy <input checked="" type="checkbox"/>
NET COUNTY COST	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
SOURCE OF FUNDS: Developer Performance Bond Fund (71.68%), Menifee Road and Bridge Benefit District (9.13%), Eastern Municipal Water District (5.35%), Misc. [Developer Deposit IP 030057] (6.46%), Transportation Uniform Mitigation Fee Central Zone (WRCOG) (7.38%) There are no General Funds used in this project.				Budget Adjustment: No	
				For Fiscal Year: 2013-2014	

C.E.O. RECOMMENDATION:

APPROVE

BY: *Tina Grande*
Tina Grande

County Executive Office Signature

MINUTES OF THE BOARD OF SUPERVISORS

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

Prev. Agn. Ref.: 10/19/10, Item 3-51 | **District:** 3/3 | **Agenda Number:**

3-50

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

FORM 11: Notice of Completion – Newport Road and Goetz Road Completion of Improvements, 3rd/3rd District [\$7,132,580, Local Funds 100%]

DATE: October 9, 2013

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BACKGROUND:

Summary (continued)

The project was partially constructed by the developer of the Audie Murphy Ranch development in the Menifee area of Riverside County (County). Due to a bankruptcy of one of the primary partners of development, the County was forced to collect on the subdivision improvement bonds to complete the construction of the major roads in the development. Utilizing and modifying the existing developer improvement plans, the County was able to construct the project underneath existing environmental clearances and permits. The existing developer plans were modified to conform to the remaining work that needed to be done, rather than preparing a full set of final plans at additional cost and time delay. The use of these existing developer plans for a public works contract created many challenges during the construction process. There were many things that were not fully developed in the original plans and were not fully identified during the County’s modification to those plans. This resulted in a higher than preferred change order rate on this project. The originally authorized amount of the contract was \$6,492,256. There were a total of 12 contract change orders issued on this project during construction totaling \$640,348. The total amended contract is \$7,132,580, which is 9.86% more than the authorized amount.

This work was completed at the direction of the Transportation Department on March 17, 2012, Work Order B8-0643.

Impact on Citizens and Businesses

This project completed the work that the developer of the Audie Murphy Ranch development had left abandoned and incomplete as the result of a bankruptcy. The project constructed a signal at the intersection of Goetz Road and the newly completed Newport Road segment through the Audie Murphy development and now in the City of Menifee. It also increased the capacity and provided an all-weather crossing of Salt Creek by widening Goetz Road and constructing a new bridge. This new facility will markedly improve the circulation and access for emergency vehicles, commerce, and the residents in and around the area, as well as enhance the safety to the commuter traffic and residents in the area.

SUPPLEMENTAL:

Additional Fiscal Information

Budget

Original Contract Amount		\$6,492,256.01
Total Change Orders Authorized	9.9%	\$640,348.07
Estimated Pending Change Orders	0.0%	\$0.00
Amended Contract Amount		\$7,132,604.08
* Quantity Adjustments	0.0%	(\$23.80)
+ CCO FA Adjustments	0.0%	\$0.00
Total Amended Contract Amount	109.9%	\$7,132,580.28

Expenditures

Total Progress Payments	\$7,132,580.28
Estimated Pending Payments	\$0.00
Total Expenditures	\$7,132,580.28

(Over)/Under Contract Amount \$0.00

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+ 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 improvement was funded in the amount of \$5,112,633 from the developer performance bond, \$651,205 from the Menifee Road and Bridge Benefit District, \$381,593 from the Eastern Municipal Water District, \$460,765 from the developer deposit account, and \$526,384 from the Western Regional Council of Governments' Transportation Uniform Mitigation Fee.

Contract History and Price Reasonableness

N/A

ATTACHMENTS:

- A. Change Order Report

CHANGE ORDER REPORT
(Newport Road and Goetz Road Improvements)

CCO #	Amount	Percent	Description
	Original Contract Amount \$6,492,256.01		
1	\$ 0.00	0.00%	Change contract time-related milestones
2	\$ 79,891.35	1.23%	Furnish the traffic signal standards, steel pedestals, poles, anchor bolts, and davit arms originally planned to be provided by the County
3	\$ 39,400.00	0.61%	Replace a damaged waterline caused by overgrown pine tree uprooting the water facility (EVMWD to reimburse the County)
4	\$ 127,100.00	1.96%	A revised construction plan sheet 13A1 was provided after the project was awarded for scour protection at abutments and some waterlines.
5	\$ 51,173.26	0.79%	Existing perimeter wall to remain in place until new proposed sound wall was built and temporary fencing and grading costs
6	\$ 17,880.00	0.28%	At the intersection of Goetz and Normandy Roads, provide permanent lighting
7	\$ 84,315.00	1.30%	Over excavate and re-compact abutment fill areas in lieu of specified geotechnical stabilization of the north abutment
8	\$ 54,744.00	0.84%	Conflicts with the construction of the sound wall pile foundation system with underground obstructions to change to spread footing in areas
9	\$ 44,250.00	0.68%	Provide seismic bracing for the utilities crossing under and through the Goetz Road Bridge
10	\$ 20,212.48	0.31%	Changes to the planned power service location for the traffic signal at Goetz Road and Canyon Lake Drive
11, 11S1	\$ 90,384.62	1.39%	Asphalt Concrete price adjustment due to the increase in price of paving asphalt
12	\$ 30,997.36	0.48%	Replace a major signal pole damaged by a vehicle accident at Goetz Road and Canyon Lake Drive
Quantity Adjustments	\$ (23.80)	0.00%	
Total Expenditures	\$7,132,580.28		

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

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: Goetz Road and Newport Road Completion of Improvements

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: Sema Construction

Street or legal description of site: Goetz Road and Newport Road

Dated: _____

Owner: County of Riverside
(Name of Public Entity)

By: _____
Chairman, Board of Supervisors

STATE OF CALIFORNIA)
COUNTY OF RIVERSIDE) ss

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

PROJECT: Goetz Road and Newport Road Completion of Improvements
 County Project No.: BB-0643
 Contract No.: 10-09-018

Contractor: Sema Construction
 Address: 6 Orchard, Suite 150
 City, State, Zip: Lake Forest, CA 92650

Estimate No. 24 Final Revised
 From: November 25, 2012
 To: March 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 Quantity	Total Estimate To Date Amount	% Adh.
1	MOBILIZATION	LS	1	25,000.00	25,000.00			1.00	25,000.00			1.00		1.00	25,000.00	100%
2	DUST ABATEMENT	LS	1	60,000.00	60,000.00			1.00	60,000.00			1.00		1.00	60,000.00	100%
3	WATER POLLUTION CONTROL	LS	1	116,000.00	116,000.00			1.00	116,000.00	0.05	5,800.00	0.95		1.00	116,000.00	100%
4	TRAFFIC CONTROL SYSTEMS	LS	1	129,000.00	129,000.00			1.00	129,000.00			1.00		1.00	129,000.00	100%
5	RESIDENT ENGINEER'S OFFICE	LS	1	55,000.00	55,000.00			1.00	55,000.00			1.00		1.00	55,000.00	100%
6	DEVELOP WATER SUPPLY	LS	1	5,000.00	5,000.00			1.00	5,000.00			1.00		1.00	5,000.00	100%
7	CLEARING AND GRUBBING	LS	1	10,000.00	10,000.00			1.00	10,000.00			1.00		1.00	10,000.00	100%
8	REVISED, SEE ALTERNATE BID SCHEDULE 2				0.00											N/A
9	EARTHWORK/ROADWAY EXCAVATION/OVER EXCAVATION	CY	36,000	5.50	198,000.00			36,000.00	198,000.00			37,308.00		37,308.00	205,194.00	104%
10	DEMOLISHING EXISTING BLOCK WALL	LS	1	10,000.00	10,000.00			1.00	10,000.00			1.00		1.00	10,000.00	100%
11	IMPORT BORROW [EARTHWORK FILL, IN PLACE]	CY	26,400	6.58	173,712.00			26,400.00	173,712.00			26,703.00		26,703.00	175,705.74	101%
12	MISCELLANEOUS DIRECTED WORK	FA	25,000	1.00	25,000.00			25,000.00	25,000.00			24,725.63		24,725.63	24,725.63	99%
13	MINOR CONCRETE (PAVEMENT (8" THICK) OVER CEMENT TREATED BASE (12" THICK), CRS 814 FOR BUS TURN OUT)	SQFT	1,700	7.50	12,750.00			1,700.00	12,750.00			1,700.00		1,700.00	12,750.00	100%
14	MINOR CONCRETE (CURB AND GUTTER) (CRS 200)	LF	5,560	11.00	61,160.00			5,560.00	61,160.00			4,862.00		4,862.00	53,482.00	87%
15	MINOR CONCRETE (TYPE D CURB) (CRS 204) [6"]	LF	3,980	11.00	43,780.00			3,980.00	43,780.00			2,684.00		2,684.00	29,524.00	67%
16	MINOR CONCRETE (TYPE D CURB) (CRS 204) [8"]	LF	2,950	11.00	32,450.00			2,950.00	32,450.00			3,147.00		3,147.00	34,617.00	107%
17	MINOR CONCRETE (CROSS-GUTTER) (CRS 209)	SQFT	2,740	6.50	17,810.00			2,740.00	17,810.00			2,538.09		2,538.09	16,497.59	93%
18	MINOR CONCRETE SIDEWALK (CRS401)	SQFT	20,700	2.80	57,960.00			20,700.00	57,960.00			17,245.00		17,245.00	48,286.00	83%
19	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	5	3,400.00	17,000.00			5.00	17,000.00			6.00		6.00	20,400.00	120%
20	MINOR CONCRETE (COMMERCIAL DRIVE APPROACH (CRS 207A W=30' R=15'))	SQFT	780	11.00	8,580.00			780.00	8,580.00			874.00		874.00	9,614.00	112%
21	MINOR CONCRETE V-DITCH INCLUDING DISSIPATER	FL	640	29.00	18,560.00			640.00	18,560.00			662.00		662.00	19,198.00	103%
22	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6")	LF	1,400	3.10	4,340.00			1,400.00	4,340.00			1,040.00		1,040.00	3,224.00	74%
23	CLASS 2 AGGREGATE BASE	CY	12,200	25.00	305,000.00			12,200.00	305,000.00			11,493.62		11,493.62	287,340.50	94%
24	HOT MIX ASPHALT	TONS	10,100	61.00	616,100.00			10,100.00	616,100.00	1,508.31	92,006.91	10,640.99		12,149.30	741,107.30	120%
25	GUARD RAILING (BARRICADE) (CRS 610)	LF	54	45.00	2,430.00			54.00	2,430.00			125.00		125.00	7,250.00	100%
26	METAL HAND RAILING PER A.P.W.A. 606-1 TYPE B	LF	125	58.00	7,250.00			125.00	7,250.00							

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27	METAL BEAM GUARD RAILING	EA	63	20.00	1,260.00			63.00	1,260.00			63.00	1,260.00	63.00	1,260.00	100%
28	TERMINAL SYSTEM (TYPE SRT)	EA	1	2,500.00	2,500.00			1.00	2,500.00			1.00	2,500.00	1.00	2,500.00	100%
29	CATCH BASIN (RIV.CO.STD.311)	EA	12	8,300.00	99,600.00			12.00	99,600.00			9.00	74,700.00	9.00	74,700.00	75%
30	FLO-GARD PLUS FILTER	LF	13	1,800.00	23,400.00			13.00	23,400.00			9.75	17,550.00	9.75	17,550.00	75%
31	18" REINFORCED CONCRETE PIPE	LF	235	80.00	18,800.00			235.00	18,800.00			182.00	14,560.00	182.00	14,560.00	77%
32	24" REINFORCED CONCRETE PIPE	LF	130	86.00	11,180.00			130.00	11,180.00			52.00	4,472.00	52.00	4,472.00	40%
33	CHAIN LINK FENCE [RCFCAWCD STD. DWG. NO M-801]	LF	25	82.00	2,050.00			25.00	2,050.00			1.00	2,500.00	1.00	2,500.00	100%
34	JUNCTION STRUCTURE PER RCFCO STD. NO. JS227 (BREAK INTO EXISTING 18" RCP)	EA	1	2,500.00	2,500.00			1.00	2,500.00			1.00	4,000.00	1.00	4,000.00	100%
35	MEDIAN DRAIN INLET (CALTRANS STD. DWG. D73, TYPE G1)	EA	1	4,000.00	4,000.00			1.00	4,000.00			245.00	14,210.00	245.00	14,210.00	109%
36	18" CORRUGATED METAL PIPE	LF	225	58.00	13,050.00			225.00	13,050.00			2.00	5,600.00	2.00	5,600.00	100%
37	18" CORRUGATED METAL PIPE RISER	EA	2	2,800.00	5,600.00			2.00	5,600.00			2.00	940.00	2.00	940.00	100%
38	END SECTION PER CAL TRANS D94A	EA	2	470.00	940.00			2.00	940.00			2.00	4,400.00	2.00	4,400.00	N/A
39	ROCK SLOPE PROTECTION (2-TON, METHOD B) & CCO 4	CY	40	110.00	4,400.00	-40.00	-4,400.00									
40	ROCK SLOPE PROTECTION (1/2-TON, METHOD B) & CCO 4	CY	3,100	58.00	179,800.00	900.00	52,200.00	4,000.00	232,000.00			4,250.70	246,540.60	4,250.70	246,540.60	108%
41	ROCK SLOPE PROTECTION (1/2-TON, METHOD A)	CY	340	52.00	17,680.00			340.00	17,680.00			340.00	17,680.00	340.00	17,680.00	100%
42	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	2,815	2.50	7,037.50			2,815.00	7,037.50			2,119.00	5,297.50	2,119.00	5,297.50	75%
43	PAINT TRAFFIC STRIPE (2 COAT)	LF	22,410	0.20	4,482.00			22,410.00	4,482.00			21,771.00	4,354.20	21,771.00	4,354.20	97%
44	PAVEMENT MARKER (REFLECTIVE)	EA	1,100	2.50	2,750.00			1,100.00	2,750.00			820.00	2,050.00	820.00	2,050.00	75%
45	ROADSIDE SIGN - ONE POST	EA	28	160.00	4,480.00			28.00	4,480.00			33.00	5,280.00	33.00	5,280.00	118%
46	DELINEATOR (CLASS 1) [TYPE Q]	EA	13	35.00	455.00			13.00	455.00			16.00	560.00	16.00	560.00	123%
47	DETECTOR LOOP	EA	15	150.00	2,250.00			15.00	2,250.00			11.00	1,650.00	11.00	1,650.00	73%
48	TRAFFIC SIGNAL AND LIGHTING [NEWPORT ROAD & GOETZ ROAD INTERSECTION]	LS	1	111,700.00	111,700.00			1.00	111,700.00			1.00	111,700.00	1.00	111,700.00	100%
49	TRAFFIC SIGNAL MODIFICATION [GOETZ ROAD & CANYON LAKE DRIVE] & CCO 10	LS	1	139,800.00	139,800.00	-0.028612	-3,999.96	0.971388	135,800.04			0.97	135,800.04	0.971388	135,800.04	100%
50	EROSION CONTROL (HYDRO SEED) [LANDSCAPE SLOPE AREAS]	SQFT	28,210	0.10	2,821.00			28,210.00	2,821.00			35,263.00	3,526.30	35,263.00	3,526.30	125%
51	REMOVE AND SALVAGE SIGN [EXISTING]	EA	17	250.00	4,250.00			17.00	4,250.00			17.00	4,250.00	17.00	4,250.00	100%
52	REMOVE EXISTING TRAFFIC SIGNAL [GOETZ ROAD & NORMANDY ROAD]	LS	1	5,000.00	5,000.00			1.00	5,000.00			1.00	5,000.00	1.00	5,000.00	100%

PROJECT: Goetz Road and Newport Road Completion of Improvements

County Project No.: EB-0643

Contract No.: 10-09-018

Contractor:
Sams Construction
6 Orchard, Suite 150
Lake Forest, CA 92630

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53	TEMPORARY FENCE (TYPE ESA)	LF	1,200	3.00	3,600.00			1,200.00	3,600.00			1,350.00	1,350.00	4,050.00	113%
54	PRESSURE GROUTING (NORTH ABUTMENT) & COC 7	LS	1	148,100.00	148,100.00	-1.00	-148,100.00								N/A
55	STRUCTURE EXCAVATION (BRIDGE) TYPE D	CY	1,964	40.00	78,560.00			1,964.00	78,560.00			1,964.00	1,964.00	78,560.00	100%
56	STRUCTURE BACKFILL (BRIDGE) & COC 7	CY	1,612	81.00	130,572.00	-234.5679	-19,000.00	1,377.4321	111,572.00			1,377.44	1,377.44	111,572.64	100%
57	FURNISH PRECAST/PRESTRESSED CONCRETE "BULB TEE" GIRDER	EA	12	24,000.00	288,000.00			12.00	288,000.00			12.00	12.00	288,000.00	100%
58	ERECT PRECAST/PRESTRESSED CONCRETE "BULB TEE" GIRDER	D	12	1,200.00	14,400.00			12.00	14,400.00			12.00	12.00	14,400.00	100%
59	STRUCTURAL CONCRETE (BRIDGE FOOTING)	CY	452	260.00	117,520.00			452.00	117,520.00			453.12	453.12	117,811.20	100%
60	STRUCTURAL CONCRETE (BRIDGE)	CY	717	925.18	663,354.06			717.00	663,354.06			717.00	717.00	663,354.06	100%
61	STRUCTURE CONCRETE, APPROACH SLAB TYPE N(S)	CY	180	600.00	108,000.00			180.00	108,000.00			180.00	180.00	108,000.00	100%
62	JOINT SEAL TYPE B (MR=1")	LF	202	60.00	12,120.00			202.00	12,120.00			202.00	202.00	12,120.00	100%
63	BAR REINFORCING STEEL (BRIDGE)	LB	263,800	0.60	158,280.00			263,800.00	158,280.00			263,800.00	263,800.00	158,280.00	100%
64	TRANSITION RAILING (TYPE WR)	EA	1	3,300.00	3,300.00			1.00	3,300.00			1.00	1.00	3,300.00	100%
65	SEISMIC EXPANSION JOINTS	EA	4	12,500.00	50,000.00			4.00	50,000.00			2.00	2.00	25,000.00	50%
66	CONCRETE BARRIER TYPE 26	LF	360	210.00	75,600.00			360.00	75,600.00			360.00	360.00	75,600.00	100%
67	TUBULAR HANDRAILING	LF	360	35.00	12,600.00			360.00	12,600.00			360.00	360.00	12,600.00	100%
68	MISCELLANEOUS METAL (BRIDGE)	LB	2,240	30.00	67,200.00			2,240.00	67,200.00			2,240.00	2,240.00	67,200.00	100%
69	ARCHITECTURAL FINISH (STONE VENEER)	SQFT	995	46.00	45,770.00			995.00	45,770.00			995.00	995.00	45,770.00	100%
70	SLOPE PAVING (CONCRETE) [SLOPE PROTECTION]	SQFT	10,000	7.00	70,000.00			10,000.00	70,000.00			10,000.00	10,000.00	70,000.00	100%
71	WELDED STEEL PIPE CASING (BRIDGE) (34" DIA)	LF	65	360.00	23,400.00			65.00	23,400.00			65.00	65.00	23,400.00	100%
72	WELDED STEEL PIPE CASING (BRIDGE) (12" DIA)	LF	186	140.00	26,040.00			186.00	26,040.00			186.00	186.00	26,040.00	100%
73	WELDED STEEL PIPE CASING (BRIDGE) (22" DIA)	LF	186	230.00	42,780.00			186.00	42,780.00			186.00	186.00	42,780.00	100%
74	SOUND WALL (MASONRY BLOCK WALL)	SQFT	15,412	13.00	200,356.00			15,412.00	200,356.00			16,332.00	16,332.00	212,316.00	106%
75	FURNISH & INSTALL 24" CML&P WATER INCLUDING FULL WELD DOUBLE PASS JOINTS [EMWD]	LF	126	180.00	22,680.00			126.00	22,680.00			126.00	126.00	22,680.00	100%
76	FURNISH & INSTALL 24" CML&C WATER INCLUDING FULL WELD DOUBLE PASS [EMWD]	LF	45	310.00	13,950.00			45.00	13,950.00			10.00	10.00	3,100.00	22%
77	FURNISH & INSTALL 24" PVC CL-235 WATERLINE INCLUDING RESTRAIN JOINTS [EMWD]	LF	99	260.00	25,740.00			99.00	25,740.00			99.00	99.00	25,740.00	100%
78	FURNISH & INSTALL 2" AV&AR PER B-367 AND PER DETAIL D-34066 [EMWD]	EA	1	4,800.00	4,800.00			1.00	4,800.00			1.00	1.00	4,800.00	100%

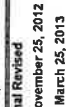
PROJECT: Geetz Road and Newport Road Completion of Improvements
 County Project No.: BB-0643
 Contract No.: 10-09-018

Contractor: Sema Construction
 Address: 6 Orchard, Suite 150
 City, State, Zip: Lake Forest, CA 92530



Estimate No. 24 Final Revised
 From: November 25, 2012
 To: March 25, 2013

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract		Change Authorized		Total Authorized	This Estimate	Previous	Total Estimate To Date	% Auth.
					Amount	Quantity	Amount	Quantity					
79	FURNISH & INSTALL FLEX TEND [EMWD]	EA	2	24,700.00	49,400.00				49,400.00	2.00		49,400.00	100%
80	FURNISH & INSTALL 6" BLOW OFF PERB-568 [EMWD]	EA	1	4,900.00	4,900.00				4,900.00	1.00		4,900.00	100%
81	REMOVE CAP AND JOIN EXISTING 24" WATERLINE	EA	1	5,100.00	5,100.00				5,100.00	1.00		5,100.00	100%
82	PROVIDE CONCRETE CAP PER B-408 [EMWD]	CY	120	150.00	18,000.00				18,000.00	120.00		18,000.00	100%
83	PROVIDE AND INSTALL CORROSION PROTECTION PER DETAIL 2 [EMWD]	LS	2	4,600.00	9,200.00				9,200.00	2.00		9,200.00	100%
84	FURNISH & INSTALL 6" PVC, C-900, DR-18 RECYCLED WATER PIPELINES WITHOUT RESTRAINT [EMWD]	LF	351	38.00	13,338.00				13,338.00	439.00		16,682.00	125%
85	FURNISH & INSTALL 6" PVC, C-900, DR-18 RECYCLED WATER PIPELINES INCLUDING RESTRAINTS [EMWD]	LF	141	83.00	11,703.00				11,703.00	134.63		11,174.29	95%
86	FURNISH & INSTALL 12" PVC, C-900, DR-18 RECYCLED WATER PIPELINES INCLUDING RESTRAINTS [EMWD]	LF	200	71.00	14,200.00				14,200.00	192.02		13,633.42	96%
87	FURNISH & INSTALL 12" PVC, C-900, DR-18 RECYCLED WATER PIPELINES WITHOUT RESTRAINT [EMWD]	LF	325	56.00	18,200.00				18,200.00	406.00		22,736.00	125%
88	REMOVE 6" END CAP AND JOIN EXISTING 6" RECYCLED WATER PIPELINE [EMWD]	EA	1	4,000.00	4,000.00				4,000.00	1.00		4,000.00	100%
89	REMOVE 12" END CAP AND JOIN EXISTING 12" RECYCLED WATER PIPELINE [EMWD]	EA	2	3,000.00	6,000.00				6,000.00	2.00		6,000.00	100%
90	FURNISH AND INSTALL 12" FXH RSGV PER B-255 [EMWD]	EA	1	2,900.00	2,900.00				2,900.00	1.00		2,900.00	100%
91	FURNISH AND INSTALL 12" DIAMETER DUCTILE IRON PIPE, CLASS 350 CEMENT MORTAR LINED AND POLYETHYLENE WRAP COMPLETE IN PLACE [EMWD]	LF	829	89.00	73,781.00				73,781.00	860.00		76,540.00	104%
92	FURNISH AND INSTALL 8" DIAMETER DUCTILE IRON PIPE, CLASS 350 CEMENT MORTAR LINED AND POLYETHYLENE WRAP COMPLETE IN PLACE [EMWD]	LF	87	220.00	19,140.00				19,140.00	87.00		19,140.00	100%
93	FURNISH AND INSTALL 20-INCH ID STEEL CASING PER EVMWD STANDARD DRAWING NO W-6	LF	32	260.00	8,320.00				8,320.00	32.00		8,320.00	100%
94	FURNISH AND INSTALL 6-INCH BLOW OFF ASSEMBLY PER EVMWD STD. DWG. NO. W-19, COMPLETE IN PLACE	EA	1	4,900.00	4,900.00				4,900.00	1.00		4,900.00	100%
95	FURNISH AND INSTALL 8-INCH BLOW OFF ASSEMBLY PER EVMWD STD. DWG. NO. W-19, COMPLETE IN PLACE	EA	1	6,400.00	6,400.00				6,400.00	1.00		6,400.00	100%
96	FURNISH AND INSTALL 8-INCH RESILIENT WEDGE GATE VALVE PER FURNISH AND INSTALL 12-INCH RESILIENT WEDGE GATE VALVE	EA	2	2,900.00	5,800.00				5,800.00	2.00		5,800.00	0%
97	PER EVMWD SPECIFICATIONS AND STD. DWG. NO. W-13, COMPLETE IN PLACE	EA	2	3,200.00	6,400.00				6,400.00	2.00		6,400.00	100%
98	DELETED BY ADDENDUM				0.00				0.00			0.00	N/A
99	CONNECTIONS TO EXISTING PIPELINES, COMPLETE IN PLACE	LS	1	24,000.00	24,000.00				24,000.00	1.00		24,000.00	100%
100	CONNECTION OF NEW PIPELINES TO EXISTING WATER METER, COMPLETE IN PLACE	LS	1	8,500.00	8,500.00				8,500.00	1.00		8,500.00	100%
101	DELETED BY ADDENDUM				0.00				0.00			0.00	N/A
102	PREPARE AND MAINTAIN AND SUPPLY AS-BUILT DRAWINGS AND NOTES AT COMPLETION OF WATER MAIN INSTALLATION PROJECT IN ACCORDANCE WITH EVMWD SECTION 01770, COMPLETE IN PLACE	LS	1	10,000.00	10,000.00				10,000.00	1.00		10,000.00	100%



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 Quantity	Total Estimate To Date Amount	% Auth.
103	PCC OVERLOW DEVICE [PER SHEET 1 & 6 OF EARTHWORK PLAN SOFT	SOFT	630	9.50	5,985.00			630.00	5,985.00			474.00	474.00	4,503.00	75%
104	16" CAST-IN-DRILLED-HOLE CONCRETE PILING (FOR SOUND WALL) & CCO 8	LF	2,616	45.00	117,720.00	-2,616.00	-117,720.00								N/A
105	MINOR CONCRETE (FOR SOUND WALL) & CCO 8	CY	147	488.00	71,736.00	-147.00	-71,735.00								N/A
106	ARCHITECTURAL TREATMENT (FOR SOUND WALL)	SOFT	29,307	6.00	175,842.00			29,307.00	175,842.00			30,512.00	30,512.00	183,072.00	104%
107	STONE VENEER (FOR SOUND WALL)	SOFT	1,517	43.00	65,231.00			1,517.00	65,231.00			1,517.00	1,517.00	65,231.00	100%
108	ADJUST MAINTENANCE MANHOLE TO GRADE [INCLUDING FRAME, 7" STORM DRAIN AND 1" FIBER OPTIC]	EA	8	2,700.00	21,600.00			8.00	21,600.00			8.00	8.00	21,600.00	100%
109	STRUCTURE EXCAVATION (TYPE D) [RETAINING (SCOUR) WALL]	CY	894	34.00	30,396.00			894.00	30,396.00			894.00	894.00	30,396.00	100%
110	STRUCTURE BACKFILL [RETAINING (SCOUR) WALL]	CY	491	82.00	40,262.00			491.00	40,262.00			491.00	491.00	40,262.00	100%
111	STRUCTURE CONCRETE [RETAINING (SCOUR) WALL]	CY	225	600.00	135,000.00			225.00	135,000.00			225.00	225.00	135,000.00	100%
112	BAR REINFORCING STEEL [RETAINING (SCOUR) WALL]	LB	21,837	0.85	18,561.45			21,837.00	18,561.45			21,837.00	21,837.00	18,561.45	100%
113	FURNISH & INSTALL 24" PVC, CL-235 WATERLINE WITHOUT RESTRAINT	LF	1,349	97.00	130,853.00			1,349.00	130,853.00			1,349.00	1,349.00	130,853.00	100%
114	FURNISH & INSTALL 24" PVC, CL-235 WATERLINE INCLUDING RESTRAINTS	LF	1,051	110.00	115,610.00			1,051.00	115,610.00			1,051.00	1,051.00	115,610.00	100%
115	FURNISH AND INSTALL 6" FIRE HYDRANT PER B-362	EA	5	6,500.00	32,500.00			5.00	32,500.00			4.00	4.00	26,000.00	80%
116	FURNISH AND INSTALL 42" HDPE CASING	LF	35	250.00	8,750.00			35.00	8,750.00			35.00	35.00	8,750.00	100%
117	REMOVE 24" END CAP	EA	1	1,400.00	1,400.00			1.00	1,400.00			1.00	1.00	1,400.00	100%
118	JOIN EXISTING 24" WATERLINE	EA	2	2,000.00	4,000.00			2.00	4,000.00			2.00	2.00	4,000.00	100%
119	FURNISH & INSTALL 12" PVC, C-900, CL-200 INCLUDING RESTRAINTS	LF	25	230.00	5,750.00			25.00	5,750.00			25.00	25.00	5,750.00	100%
120	FURNISH & INSTALL 12" PVC, C-900, DR-18 INCLUDING RESTRAINTS	LF	101	88.00	8,888.00			101.00	8,888.00			101.00	101.00	8,888.00	100%
121	FURNISH & INSTALL 1" AV&AR PER B-598	EA	1	5,500.00	5,500.00			1.00	5,500.00			1.00	1.00	5,500.00	100%
122	FURNISH & INSTALL 6" BLOW OFF PER B-568	EA	1	4,900.00	4,900.00			1.00	4,900.00			1.00	1.00	4,900.00	100%
123	FURNISH & INSTALL 12" RSGV PER B-255	EA	1	2,600.00	2,600.00			1.00	2,600.00			1.00	1.00	2,600.00	100%
124	FURNISH & INSTALL 24" RSGV PER B-255	EA	2	25,300.00	50,600.00			2.00	50,600.00			2.00	2.00	50,600.00	100%
125	REMOVE 18" BLIND FLANGE	EA	1	700.00	700.00			1.00	700.00			1.00	1.00	700.00	100%
126	REMOVE 18" FXF BFW	EA	1	1,300.00	1,300.00			1.00	1,300.00			1.00	1.00	1,300.00	0%
127	REMOVE EXISTING BLOWOFF AND INSTALL BLIND FLANGE	EA	2	3,000.00	6,000.00			2.00	6,000.00			2.00	2.00	6,000.00	100%
128	COURSE OF CONSTRUCTION INSURANCE	LS	1	16,000.00	16,000.00			1.00	16,000.00			1.00	1.00	16,000.00	100%

1-14-07-44

APR 29 2013

SHEET 7 of 7

Processed Construction Inspection 4/8/2013

Contractor: Sema Construction
 6 Orchard, Suite 150
 Lake Forest, CA 92650

TLARC
 Number NO. 318997

Estimate No. 24 Final Revised
 From: November 25, 2012
 To: March 25, 2013

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract		Change Authorized		This Estimate		Previous Quantity	Total Estimate To Date	% Auth.
					Amount	Quantity	Amount	Quantity	Amount	Quantity			
PROJECT TOTAL													
					6,492,256.01		7,132,604.08	640,348.07	97,806.91			7,132,580.28	

Made by: Cecilia Boyden

Checked by: [Signature]
 OK Const. Supv.

Working Days: 268
 Days Added: 81
 Subtotal: 349
 Days Used: 478
 % Time Elapsed: 136.96% ✓

Start Date: 1-18-11
 End Date: 3-17-12
 % Complete: 100.00%
 Original Contract: \$6,492,256.01
 Amended Contract: \$7,132,604.08

TOTAL VALUE OF WORK TO DATE: \$7,132,580.28
 LESS RETENTION: 2% 142,651.61
 TOTAL DUE TO DATE: \$6,989,928.67
 LESS PREVIOUSLY INVOICED: 6,894,077.90
 LESS LABOR NON COMPLIANCE: 0.00
 TOTAL DUE THIS PAYMENT: \$95,850.77

This Estimate Approved [Signature] Date: 4/23/13 for:

Juan C. Perez, Director of Transportation and Land Management

TLMA
 APR 29 2013
 Approved
 Robert Brooks (5-3243)

By: _____
 TRANSFISCAL APPROVED
 By: Crystal DiMatteo 5-3461

APR 23 2013

Date: 4-11-13

Quantities on This Estimate Approved _____
 Sema Construction J. C. Perez

13 APR 2013 10:37:42

PAYMENT APPROVAL

LINE DESC: 11/25/12-03/25/13 EST 24 FINAL

Fund 20000
 Dept ID 31305
 Account 527980
 Project ZB8-06436
 Activity ID Z5500
 Resource Type CNT
 Signature [Signature]
 Date 4/16/13

RECEIVED
 APR 24 2013

TLMA - PURCHASING

RECEIVED
 APR 23 2013

COUNTY OF RIVERSIDE
 TRANSPORTATION DEPT.
 ACCOUNTING

PROJECT: Goetz Road and Newport Road Completion of Improvements

County Project No.: BA-0643

Contract No.: 10-09-018

Contractor: **Sema Construction**
 Address: 6 Orchard, Suite 150
 City, State, Zip: Lake Forest, CA 92630

Estimate No. 24 Final Revised
 From: November 25, 2012
 To: March 25, 2013



Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Authorized Quantity	Amount	Total Authorized Quantity	Amount	This Estimate Quantity	Amount	Previous Quantity	Amount	Total Estimate To Date Quantity	Amount	% Auth.
PROJECT TOTAL																
					6,492,256.01		640,348.07	7,132,604.08	\$7,806.91					7,132,580.28		

Made by: George Borden

Checked by: [Signature]
 OK Const. Supv. [Signature]

Working Days: 268
 Days Added: 81
 Subtotal: 349
 Days Used: 478
 % Time Elapsed: 136.96%

Start Date: 1-18-11
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 TOTAL DUE TO DATE: \$6,989,928.67
 LESS PREVIOUSLY INVOICED: 6,894,077.90
 LESS LABOR NON COMPLIANCE: 0.00
 TOTAL DUE THIS PAYMENT: \$95,850.77

This Estimate Approved _____ Date: _____ for: _____

Juan C. Perez, Director of Transportation and Land Management

Quantities on This Estimate Approved [Signature] Date: 4-11-13
 Sema Construction

Received by Accounts Payable: _____

By: _____

RECEIVED
 APR 18 2013

TLMA - PURCHASING

PAYMENT APPROVAL

Fund 20000
 Dept ID 31305
 Account 527980
 Project ZB8-DL6436
 Activity ID Z3500
 Resource Type CNT
 Signature [Signature]
 Date 4/16/13

COUNTY OF RIVERSIDE
DEPARTMENT OF TRANSPORTATION

GOETZ ROAD & NEWPORT ROAD COMPLETION PLANS

STREET, BRIDGE, STREET WIDENING, DRAINAGE, WATERLINE, RECLAIMED WATERLINE
RECYCLED WATER, GRADING, AND COMPLETION OF IMPROVEMENTS

LIMITS - "NEW" NEWPORT ROAD TO APPROX. 900' NORTH OF
"OLD" NEWPORT ROAD (NORMANDY ROAD)

PROJECT NO. B8 - 0643

