

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

301



FROM: TLMA - Transportation Department

SUBMITTAL DATE:
October 24, 2013

SUBJECT: Airport Boulevard (Avenue 56) Railroad Grade Separation Project, Community of Thermal,
4th/4th District [\$17,646,646, State Funds 48%, Local Funds 52%]

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve four addenda to the plans and specifications issued prior to the September 11, 2013, bid opening; and
2. Accept the low bid of Granite Construction Company (Granite) of Indio, CA in the amount of \$17,646,646; and
3. Award the contract to Granite and authorize the Chairman of the Board of Supervisors to execute the contract documents; and
4. Approve the project's proposed budget as shown on Attachment

Patricia Romo
Assistant Director of Transportation

[Signature]
Juan C. Perez

Director of Transportation and Land
Management

JCP:jrj:rr

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (Per Exec. Office)
COST	\$ 4,412,000	\$ 8,823,000	\$ 17,646,646	\$ 14,000	Consent <input type="checkbox"/> Policy <input checked="" type="checkbox"/>
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0	

SOURCE OF FUNDS: Proposition 1B - Trade Corridor Improv. Funds
(48.0%), Transportation Uniform Mitigation Fee (CVAG) (48.0%),
Coachella Valley Water District (CVWD) (4.0%)
There are no General Funds used in this project.

Budget Adjustment: No
For Fiscal Year: 2013/2014

C.E.O. RECOMMENDATION:

APPROVE

BY: *[Signature]*
Tina Grande

County Executive Office Signature

MINUTES OF THE BOARD OF SUPERVISORS

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

Prev. Agn. Ref.: 7/30/13, Item 3-54
8/20/13, Item 3-104

District: 4/4

Agenda Number:

3-50

SUBMITTAL TO THE BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA
FORM 11: Airport Boulevard (Avenue 56) Railroad Grade Separation Project, Community of Thermal, 4th/4th
District [\$17,646,646, State Funds 48%, Local Funds 52%]

DATE: October 24, 2013

PAGE: 2 of 3

BACKGROUND:

Summary

By Minute Order dated July 30, 2013 (Agenda Item 3-54), the Board of Supervisors authorized the Clerk of the Board to advertise the Airport Boulevard (Avenue 56) at Grapefruit Boulevard (Highway 111) and Union Pacific Railroad Grade (UPRR) Separation Project in the Community of Thermal of the Coachella Valley.

During the advertisement period, four addenda were issued to all registered plan holders as a supplement to the plans and specifications. Bidders are required to acknowledge and take into account all issued addenda on their Contractor's Bid in order to be considered for award. The addenda were issued to clarify and modify the approved contract documents. The addenda are attached and designated as Addendum No. 1, Addendum No. 2, Addendum No. 3, and Addendum No. 4.

Five bids were received on September 11, 2013, ranging from \$17,646,646 to \$20,166,385. The basis for the selection of a contractor is the lowest responsive and responsible bid. The lowest and best bid was submitted by Granite of Indio, CA in the amount of \$17,646,646, which is \$3,754,847 (17.5%) less than the Engineer's Estimate. The construction duration set for this project is for 480 working days.

The bid documents include the following schedules of work:

Base Bid: Primary items of work

Alternate 1: Construction of Domestic Water Transmission Pipeline to be funded by the Coachella Valley Water District (CVWD)

Alternate 2: Force Main and Gravity Sewer relocation to be funded by CVWD

Alternates 1 and 2 are recommended to be awarded with the base bid contract. CVWD, the utility owner, has concurred with bid prices, as bid by the apparent low bidder. The alternate bid schedules are included with the contract award, and the costs for the work will be funded by CVWD in accordance with the funding agreement executed between Riverside County (County) and CVWD (8/20/13, Item 3-104).

The contractor is qualified to perform the work as outlined in the bid, has executed the Contract, and has provided bonds and insurance documents, which meet the requirements of the Contract.

Project No. A6-0241, State Project ID: TCIFL-5956(216)

Impact on Citizens and Businesses

Airport Boulevard (Avenue 56) serves the Community of Thermal, the City of Coachella, and the City of La Quinta and provides direct access to the Jacqueline Cochran Regional Airport. Airport Boulevard (Avenue 56) intersects State Route 86 (SR-86), Grapefruit Boulevard (Highway 111), and UPRR. UPRR is parallel to SR-86 and Grapefruit Boulevard (Highway 111). UPRR and SR-86 are both designated North American Free Trade Agreement (NAFTA) freight corridors. This construction project will separate the roadway grade of Airport Boulevard (Avenue 56) from UPRR mainline tracks and from Grapefruit Boulevard (Highway 111).

Currently, 71 freight trains pass through the County on this railway on a daily basis. This frequency is projected to increase to 107 by the year 2030. The grade separation project will generate the following benefits:

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PAGE: 3 of 3

- Increased public safety due to the elimination of train and vehicle conflicts
- Reduction of particulate matter from idling vehicles, causing a reduction in greenhouse gas emissions
- Reduced train noise

SUPPLEMENTAL:

Additional Fiscal Information

The project is anticipated to be completed by early 2016.

These improvements to Airport Boulevard (Avenue 56) will be funded with Proposition 1B - Trade Corridor Improvement Funds, Transportation Uniform Mitigation Fee (TUMF/CVAG), Economic Development Agency (EDA), and Coachella Valley Water District (CVWD) funds. There are no General Funds used in this project. See Attachment "A" for additional project cost and funding information.

Annual maintenance costs are estimated to be \$14,000 for two new traffic signals.

Contract History and Price Reasonableness

N/A

Form 11 Attachment

Contract/Lease/Purchase Summary Data

☒ **Contract (for Services)**

- ☐ Approval/Renewal
- ☐ Sole Source
- ☐ Personal Services
- ☐ Independent Contractor
- ☐ Other than Low Bid
- ☐ Change Order
- ☒ Public Works

☐ **Lease**

- ☐ Approval/Renewal
- ☐ Multi-Year Lease
- ☐ Equipment
- ☐ Real Property
- ☐ Change Order

☐ **Purchase (for Materials)**

- ☐ Sole Source
- ☐ Other than Low Bid
- ☐ Change Order

Selection Committee Member Names (RFP's Only)

User Department:	Transportation Department
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N/A

Vendor/Lessor Name:	Granite Construction Company
Vendor/Lessor Location:	Indio, CA

Minority Status:

☐ M ☐ W ☐ DV ☒ None

Local Preference Applied: ☐ Yes ☐ No ☒ N/A

Local Preference Award Cost \$
(5% maximum preference)

Local Preference FYTD: Cost \$

of Orders

Applicable Board Policy #

Comments:

RFQ/RFP Process:

Date Mailed:
\$20,166,385.00
Response Date:
of Responses:
of Qualified Responses:
\$20,166,385.00

Bidding Process:

Bid Range: \$17,646,646.00 to
Local Bid Range: N/A
Responsive and
Responsible Bid Range: \$17,646,646.00 to

Contract/Lease Renewals Only

Existing Agreement Items

Proposed Agreement Items

1. Rates
2. Terms
3. Conditions
4. Legal Issues
5. Accountability
6. Utilities

(continue on blank sheet if necessary)

NOTE: COMPETITIVELY BID PUBLIC WORKS CONTRACT

COUNTY OF RIVERSIDE
DEPARTMENT OF TRANSPORTATION

Airport Boulevard (Avenue 56)

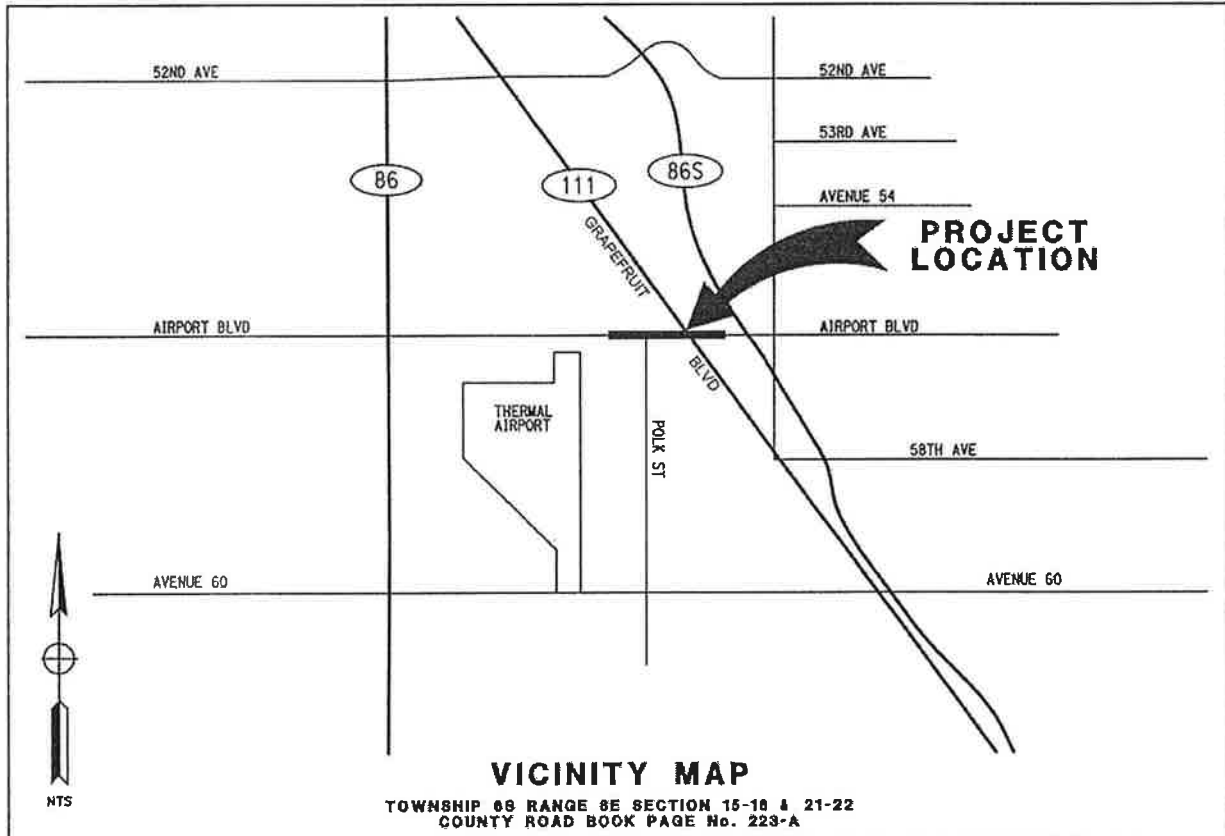
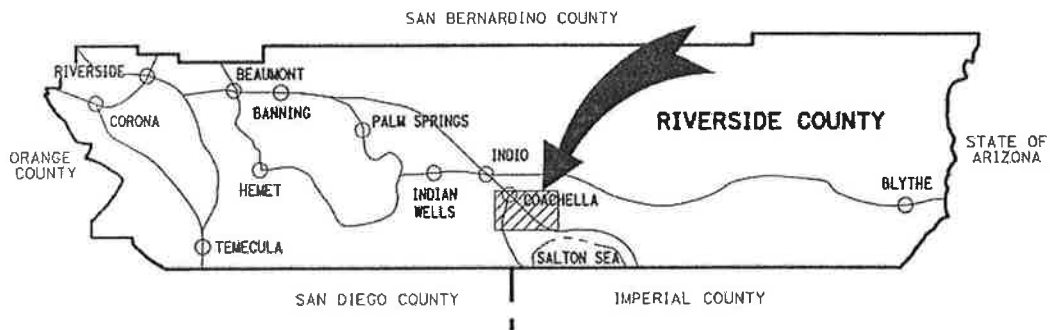
At Grapefruit Boulevard (Hwy 111) and Union Pacific Railroad

Grade Separation Project

In the Community of Thermal of the Coachella Valley

Project No. A6-0241

State Project ID: TCIFL- 5956(216)



Attachment "A"

Riverside County Transportation Department

Page 1

Project: **Airport Boulevard (Ave 56) Railroad Grade Separation**

Project No.(s): **A6-0241**

PROJECT BUDGET AND EXPENSES

ACTIVITY	EXPENSES			BUDGET	
	INCURRED	PROJECTED	TOTAL	EXISTING	PROPOSED
Preliminary Survey	225,555	445	226,000	193,000	226,000
Environmental	148,927	1,073	150,000	106,000	150,000
Design	2,567,403	32,597	2,600,000	2,263,000	2,600,000
Right-of-way	2,768,821	31,179	2,800,000	2,889,000	2,800,000
Utilities	4,000	278,000	282,000	400,000	282,000
Construction		17,646,646	17,646,646		
Construction Contingency 10.0%		1,764,665	1,764,665	20,500,000	19,815,000
Construction (Supplemental & Agency Furnished)		404,000	404,000		
Construction Engineering & Inspection 12.4%		2,400,000	2,400,000	2,000,000	2,400,000
Construction Survey 6.2%		1,200,000	1,200,000	1,000,000	1,200,000
Totals:	5,714,706	23,758,605	29,473,311	29,351,000	29,473,000

PROJECT FUNDING

CODE	NAME	BUDGET	
		EXISTING	PROPOSED
217	Prop. 1B - Trade Corridor Improv. Funds	10,000,000	12,777,847
340	Transportation Uniform Mitigation Fee (CVAG)	10,000,000	11,912,767
335	Economic Development Agency (EDA)	4,000,000	4,000,000
833	CVWD		782,386
221	Gas Tax (ABX8-9 Mar 2010 New HUTA)	2,000,000	
999	Unfunded	3,351,000	
Totals		29,351,000	29,473,000

COMMENTS

**Riverside County Transportation Department
Summary of Bids**

PROJECT:

Airport Boulevard (Avenue 56) at Grapefruit Boulevard (Hwy 111)
and Union Pacific Railroad, Grade Separation Project
In the Community of Thermal of the Coachella Valley

PROJECT No. A6-0241, State Project ID: TCIFL - 5956(216)

Advertised: July 30, 2013 (Agenda Item: 3.54)

Addenda: 1 (8/15/2013), 2 (8/28/2013), 3 (9/05/2013), 4 (9/06/2013)

Bids Open: 2 pm Date: Wednesday, September 11, 2013

	Company Name	Base Bid Subtotal	Alternate Bid 1 CWWD	Alternate Bid 2 CWWD	Total
	COUNTY'S ESTIMATE	20,825,693.65	280,800.00	295,000.00	\$21,401,493.65
1	Granite Construction Company	16,935,386.00	452,100.00	259,160.00	\$17,646,646.00
2	Skanska USA Civil West	18,698,919.00	408,800.00	290,950.00	\$19,398,669.00
3	M.C.M. Construction, Inc.	19,036,709.00	552,830.00	345,632.00	\$19,935,171.00
4	Griffith Company	19,150,541.55	443,575.00	500,870.00	\$20,094,986.55
5	Steve P. Rados, Inc.	19,573,700.00	372,225.00	220,460.00	\$20,166,385.00
	<i>Average Bid Prices</i>	\$18,679,051.11	\$445,906.00	\$323,414.40	\$19,448,371.51

Riverside County Transportation Department
Summary of Bids

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PROJECT No. A6-0241, State Project ID: TCIFL - 5956(216)

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Base Bid				COUNTY'S ESTIMATE			1 Granite Construction Company Indio, CA 92203	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	066063	TRAFFIC MANAGEMENT PLAN - PUBLIC INFORMATION	LS	4	---	---	---	---
2	066102	DUST ABATEMENT	LS	1	40,000.00	40,000.00	30,000.00	30,000.00
3	066105	RESIDENT ENGINEERS OFFICE	LS	1	190,000.00	190,000.00	80,000.00	80,000.00
4	066164	OBLITERATE SURFACING	SQFT	13,500	1.00	13,500.00	0.70	9,450.00
5	066610	PARTNERING	LS	1	50,000.00	50,000.00	28,000.00	28,000.00
6	066861	MAINTAIN EXISTING AND TEMPORARY ELECTRICAL SYSTEM	LS	1	30,000.00	30,000.00	70,000.00	70,000.00
7	066820	DISPUTES REVIEW BOARD	LS	4	---	---	---	---
8	070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1	75,000.00	75,000.00	500.00	500.00
9	074016	CONSTRUCTION SITE MANAGEMENT	LS	1	40,000.00	40,000.00	80,000.00	80,000.00
10	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	20,000.00	20,000.00	2,000.00	2,000.00
11	074057	STORM WATER ANNUAL REPORT	EA	2	2,000.00	4,000.00	500.00	1,000.00
12	015602	FUNDING AWARENESS SIGN	EA	2	500.00	1,000.00	1,200.00	2,400.00
13	120090	CONSTRUCTION AREA SIGNS	LS	1	30,000.00	30,000.00	75,000.00	75,000.00
14	120100	TRAFFIC CONTROL SYSTEM	LS	1	250,000.00	250,000.00	74,894.00	74,894.00
15	120149	TEMPORARY PAVEMENT MARKING (PAINT)	SQFT	320	3.00	960.00	3.00	960.00
16	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	LF	11,700	1.00	11,700.00	0.40	4,680.00
17	120182	PORTABLE DELINEATOR	EA	460	3.50	1,610.00	12.00	5,520.00
18	128650	PORTABLE CHANGEABLE MESSAGE SIGN	LS	1	20,000.00	20,000.00	50,000.00	50,000.00
19	129000	TEMPORARY RAILING (TYPE K)	LF	2,540	10.00	25,400.00	28.50	72,390.00
20	129100	TEMPORARY CRASH CUSHION MODULE	EA	149	200.00	29,800.00	190.00	28,310.00
21	000003	RELOCATE CONDUIT	LF	366	35.00	12,810.00	30.00	10,980.00
22	150227	ABANDON PIPELINE	LF	1,140	60.00	68,400.00	22.00	25,080.00
23	150608	REMOVE CHAIN LINK FENCE	LF	1,300	5.00	6,500.00	6.00	7,800.00
24	150620	REMOVE GATE	EA	1	150.00	150.00	500.00	500.00
25	150742	REMOVE ROADSIDE SIGN	EA	25	100.00	2,500.00	100.00	2,500.00
26	150806	REMOVE PIPE	LF	6	60.00	360.00	50.00	300.00
27	150820	REMOVE INLET	EA	8	500.00	4,000.00	1,000.00	8,000.00
28	150846	REMOVE CONCRETE PAVEMENT	SQYD	52	20.00	1,040.00	25.00	1,300.00
29	152390	RELOCATE ROADSIDE SIGN	EA	19	250.00	4,750.00	250.00	4,750.00
30	152440	ADJUST MANHOLE TO GRADE	EA	10	1,000.00	10,000.00	1,200.00	12,000.00
31	152441	ADJUST VALVE BOX FRAME AND COVER TO GRADE	EA	11	500.00	5,500.00	850.00	9,350.00
32	153114	COLD PLANE ASPHALT CONCRETE PAVEMENT (20' MAXIMUM)	SQYD	5,360	15.00	80,400.00	2.90	15,544.00
33	153215	REMOVE CONCRETE (CURB AND GUTTER)	LF	1,800	5.00	9,000.00	6.00	10,800.00
34	153218	REMOVE CONCRETE SIDEWALK	SQFT	9,350	1.50	14,025.00	1.00	9,350.00
35	156579	REMOVE BRIDGE RAILING	LF	382	50.00	19,100.00	30.00	11,460.00
36	721007	ROCK SLOPE PROTECTION (1/4 TON, METHOD B)	CY	2	500.00	1,000.00	700.00	1,400.00
37	160101	CLEARING AND GRUBBING	ACRE	13	5,000.00	65,000.00	3,500.00	45,500.00
38	160132	DEMOLISH BUILDING	LS	1	200,000.00	200,000.00	40,000.00	40,000.00

Riverside County Transportation Department Summary of Bids

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PROJECT No. A6-0241, State Project ID: TCIFL - 5956(216)**

Advised: July 30, 2013 (Agenda Item: 3.54)
Addenda: 1 (8/15/2013), 2 (8/28/2013), 3 (9/05/2013), 4 (9/06/2013)
Bids Open: 2 pm Date: Wednesday, September 11, 2013

Base Bid (continued)				COUNTY'S ESTIMATE				Granite Construction Company Indio, CA 92203	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE	
39	170101	DEVELOP WATER SUPPLY	LS	1	60,000.00	60,000.00	50,000.00	50,000.00	
40	190101	ROADWAY EXCAVATION	CY	26,700	15.00	400,500.00	10.00	267,000.00	
41	192003	STRUCTURE EXCAVATION (BRIDGE)	CY	770	75.00	57,750.00	50.00	38,500.00	
42	192020	STRUCTURE EXCAVATION (TYPE D)	CY	281	270.00	75,870.00	100.00	28,100.00	
43	192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	11,393	40.00	455,720.00	15.00	170,895.00	
44	193003	STRUCTURE BACKFILL (BRIDGE)	CY	1,390	80.00	111,200.00	60.00	83,400.00	
45	193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	14,206	60.00	852,360.00	20.00	284,120.00	
46	194001	DITCH EXCAVATION	CY	650	0.50	325.00	14.00	9,100.00	
47	198001	IMPORTED BORROW	CY	24,800	9.00	223,200.00	11.00	272,800.00	
48	198100	LIGHTWEIGHT FILL [CELLULAR CONCRETE 42 PCF]	CY	3,486	75.00	261,450.00	50.00	174,300.00	
49	198100	LIGHTWEIGHT FILL [CELLULAR CONCRETE 30 PCF]	CY	31,886	60.00	1,913,160.00	38.00	1,211,668.00	
50	000003	6" PVC (SCHEDULE 80)	LF	140	80.00	11,200.00	80.00	11,200.00	
51	260201	CLASS 2 AGGREGATE BASE	CY	21,600	25.00	540,000.00	30.00	648,000.00	
52	390132	HOT MIX ASPHALT (TYPE A)	TON	18,600	70.00	1,302,000.00	81.75	1,520,550.00	
53	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	70	3.00	210.00	5.00	350.00	
54	394075	PLACE HOT MIX ASPHALT DIKE (TYPE D)	LF	240	3.00	720.00	5.00	1,200.00	
55	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	90	3.00	270.00	5.00	450.00	
56	490538	FURNISH STEEL PILING (HP 14 X 117)	LF	12,332	65.00	801,580.00	67.00	828,244.00	
57	490539	DRIVE STEEL PILE (HP 14 X 117)	EA	165	1,800.00	294,000.00	2,100.00	345,500.00	
58	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	1	451,200.00	451,200.00	250,000.00	250,000.00	
59	000003	PRECAST CONCRETE WALL	SQFT	28,336	30.00	790,080.00	40.00	1,053,440.00	
60	511035	ARCHITECTURAL TREATMENT [AIRPLANE PANEL]	LS	1	35,000.00	35,000.00	125,000.00	125,000.00	
61	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	592	475.00	281,200.00	200.00	118,400.00	
62	510053	STRUCTURAL CONCRETE, BRIDGE	CY	4,084	740.00	3,022,160.00	440.00	1,796,960.00	
63	510060	STRUCTURAL CONCRETE, RETAINING WALL	CY	213	450.00	95,850.00	700.00	149,100.00	
64	510072	STRUCTURAL CONCRETE, BARRIER SLAB	CY	676	450.00	304,200.00	325.00	219,700.00	
65	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	179	700.00	125,300.00	600.00	107,400.00	
66	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	102	1,500.00	153,000.00	1,800.00	183,600.00	
67	511064	FRACTURED RIB TEXTURE [RETAINING WALLS]	SQFT	17,609	15.00	264,135.00	6.00	105,854.00	
68	511064	FRACTURED RIB TEXTURE [RETAINING WALL (TYPE 1)]	SQFT	1,875	15.00	28,125.00	6.00	10,050.00	
69	511064	FRACTURED RIB TEXTURE [BRIDGE]	SQFT	6,390	15.00	95,850.00	10.00	63,900.00	
70	519094	JOINT SEAL ASSEMBLY (MR 3 1/2")	LF	209	180.00	37,620.00	700.00	146,300.00	
71	520102	BAR REINFORCING STEEL (BRIDGE)	LB	1,152,600	1.20	1,383,120.00	0.90	1,037,340.00	
72	520103	BAR REINFORCING STEEL (RETAINING WALL)	LB	14,782	1.20	17,738.40	1.50	22,173.00	
73	550101	STRUCTURAL STEEL (SIDEWALK)	LB	17,970	5.00	89,850.00	10.00	179,700.00	
74	566011	ROADSIDE SIGN - ONE POST	EA	45	300.00	13,500.00	300.00	13,500.00	
75	601001	RAILROAD TRACK [REMOVE TRACK]	LF	220	120.00	26,400.00	47.00	10,340.00	
76	650010	12" REINFORCED CONCRETE PIPE	LF	41	120.00	4,920.00	120.00	4,920.00	

Riverside County Transportation Department Summary of Bids

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Addenda: 1 (8/15/2013), 2 (8/28/2013), 3 (9/05/2013), 4 (9/06/2013)
Bids Open: 2 pm Date: Wednesday, September 11, 2013

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and Union Pacific Railroad, Grade Separation Project
In the Community of Thermal of the Coachella Valley
PROJECT No. A6-0241, State Project ID: TCIFL - 5956(216)

Base Bid (continued)				COUNTY'S ESTIMATE				1 Granite Construction Company Indio, CA 92203	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE	
77	650014 P	18" REINFORCED CONCRETE PIPE	LF	1,590	125.00	198,750.00	104.00	165,360.00	
78	650018 P	24" REINFORCED CONCRETE PIPE	LF	990	130.00	128,700.00	120.00	118,800.00	
79	650026 P	36" REINFORCED CONCRETE PIPE	LF	1,590	220.00	349,800.00	195.00	310,050.00	
80	000003	JACK AND BORE 48" STEEL CASING	LF	250	1,100.00	275,000.00	1,500.00	375,000.00	
81	703450 P	WELDED STEEL PIPE CASING (BRIDGE)	LF	140	170.00	23,800.00	275.00	38,500.00	
82	705204 P	18" CONCRETE FLARED END SECTION	EA	2	800.00	1,600.00	2,300.00	4,600.00	
83	729010 P	ROCK SLOPE PROTECTION FABRIC	SQYD	4	450.00	1,800.00	13.00	52.00	
84	017317	MINOR CONCRETE (CROSS-GUTTER AND SPANDREL)	CY	30	250.00	7,500.00	400.00	12,000.00	
85	731504	MINOR CONCRETE (CURB AND GUTTER)	CY	565	250.00	141,250.00	320.00	180,800.00	
86	731516	MINOR CONCRETE (DRIVEWAY)	CY	100	250.00	25,000.00	360.00	36,000.00	
87	731521	MINOR CONCRETE (SIDEWALK)	CY	320	300.00	96,000.00	485.00	155,200.00	
88	731535	MINOR CONCRETE (BUS PAD)	CY	35	350.00	12,250.00	700.00	24,500.00	
89	750501 P-F	MISCELLANEOUS METAL (BRIDGE)	LB	312	5.75	1,794.00	10.00	3,120.00	
90	750505 P-F	BRIDGE DECK DRAINAGE SYSTEM	LB	9,435	5.75	54,251.25	7.00	66,045.00	
91	018002 P-F	STEEL RAILING FENCE (7" WIRE MESH)	LF	833	150.00	124,950.00	260.00	216,580.00	
92	018002 P-F	STEEL RAILING FENCE (5" WIRE MESH)	LF	416	140.00	58,240.00	220.00	91,520.00	
93	018002 P-F	STEEL RAILING FENCE (3")	LF	1,522	100.00	152,200.00	100.00	152,200.00	
94	800360 P	CHAIN LINK FENCE (TYPE CL-6)	LF	970	100.00	97,000.00	25.00	24,250.00	
95	802580 P	12" CHAIN LINK GATE (TYPE CL-6)	EA	2	1,000.00	2,000.00	4,000.00	8,000.00	
96	839401 F	CONCRETE BARRIER (TYPE 28B MODIFIED)	LF	35	100.00	3,500.00	100.00	3,500.00	
97	832003 P	METAL BEAM GUARD RAILING (WOOD POST)	LF	90	20.00	1,800.00	80.00	7,200.00	
98	833088 P-F	TUBULAR HANDRAILING	LF	366	55.00	20,130.00	300.00	109,800.00	
99	833142 F	CONCRETE BARRIER (TYPE 28 MODIFIED)	LF	1,804	200.00	320,800.00	100.00	180,400.00	
100	839541 P	TRANSITION RAILING (TYPE WB)	EA	1	3,000.00	3,000.00	500.00	500.00	
101	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	1	2,400.00	2,400.00	1,000.00	1,000.00	
102	839712 F	CONCRETE BARRIER (TYPE 60SC)	LF	63	100.00	6,300.00	120.00	7,560.00	
103	839725 F	CONCRETE BARRIER (TYPE 736)	LF	501	100.00	50,100.00	70.00	35,070.00	
104	839727 F	CONCRETE BARRIER (TYPE 736 MODIFIED)	LF	626	90.00	56,340.00	70.00	43,820.00	
105	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	39,800	0.50	19,900.00	0.60	23,880.00	
106	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	2,300	1.00	2,300.00	1.40	3,220.00	
107	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	2,100	3.00	6,300.00	3.60	7,560.00	
108	840526	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 17-7)	LF	5,100	0.50	2,550.00	0.45	2,295.00	
109	850111 P	PAVEMENT MARKER (RETROREFLECTIVE)	EA	1,040	3.00	3,120.00	3.30	3,432.00	
110	860201 P	SIGNAL AND LIGHTING (AIRPORT BLVD & POLK ST)	LS	1	221,000.00	221,000.00	195,000.00	195,000.00	
111	860201 P	SIGNAL AND LIGHTING (AIRPORT BLVD & PALM ST)	LS	1	207,000.00	207,000.00	185,000.00	185,000.00	
112	860201 P	SIGNAL AND LIGHTING (GRAPEFRUIT BLVD & FRONTAGE RD)	LS	1	190,000.00	190,000.00	150,000.00	150,000.00	
113	860201 P	SIGNAL AND LIGHTING (GRAPEFRUIT BLVD & PALM ST)	LS	1	193,000.00	193,000.00	180,000.00	180,000.00	
114	860408 P	LIGHTING (STREET)	LS	1	156,000.00	156,000.00	120,000.00	120,000.00	

Riverside County Transportation Department
Summary of Bids

PROJECT: Airport Boulevard (Avenue 56) at Grapefruit Boulevard (Hwy 111)
 and Union Pacific Railroad, Grade Separation Project
 In the Community of Thermal of the Coachella Valley
PROJECT NO. A6-0241, State Project ID: TCIFL - 5956(216)

Advertised: July 30, 2013 (Agenda Item: 3.54)
Addenda: 1 (8/15/2013), 2 (8/28/2013), 3 (9/05/2013), 4 (9/06/2013)
Bids Open: 2 pm Date: Wednesday, September 11, 2013

Base Bid (continued)			COUNTY'S ESTIMATE				Granite Construction Company Indio, CA 92203	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
115	860701	INTERCONNECTION CONDUIT AND CONDUCTOR	LS	1	83,000.00	83,000.00	30,000.00	30,000.00
116	000001	ITEM DELETED PER ADDENDUM No. 2	--	--	--	--	--	--
117	019902	COURSE OF CONSTRUCTION INSURANCE	LS	1	150,000.00	150,000.00	10,000.00	10,000.00
118	760090	MOBILIZATION, DEMOBILIZATION, AND FINAL CLEAN UP	LS	1	1,200,000.00	1,200,000.00	1,200,000.00	1,200,000.00
118-A	066020	RELATIONS WITH RAILROAD (INCLUDING FLAGGING)	LS	1	290,000.00	290,000.00	100,000.00	100,000.00
		BASE BID SUBTOTAL						
		ITEMS 1 - 118.A				20,825,693.65		16,935,386.00

ALTERNATE BID 1 - CVWD, DOMESTIC WATER TRANSMISSION MAIN PHASE III A-1

ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
119	000003	PREMIUM FOR ALL-RISK INSTALLATION FLOATER INSURANCE	LS	1	10,000.00	10,000.00	600.00	600.00
120	000003	WATER TRANSMISSION MAIN MOBILIZATION	LS	1	25,000.00	25,000.00	30,000.00	30,000.00
121	000003	UTILITY POTHOLES	LS	1	12,500.00	12,500.00	20,000.00	20,000.00
122	000003	FURNISH AND INSTALL A 30-INCH DUCTILE IRON DOMESTIC WATER MAIN (POLYETHYLENE ENCASED) (CL-200) WITH RESTRAINED JOINTS, FITTINGS, BENDS, STEEL CASINGS, SPACERS, END PLUGS, SURFACE RESTORATION, AND ALL NECESSARY APPURTENANCES.	LF	1,185	160.00	189,600.00	300.00	355,500.00
123	000003	FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY PER CVWD STD W33A	EA	1	12,000.00	12,000.00	10,000.00	10,000.00
124	000003	FURNISH AND INSTALL 30-INCH DUCTILE IRON BUTTERFLY VALVE AND ALL RELATED APPURTENANCES	EA	1	9,200.00	9,200.00	10,000.00	10,000.00
125	000003	FURNISH AND INSTALL 6-INCH COMBINATION AIR RELEASE AND VACUUM VALVE PER PLAN AND ALL RELATED APPURTENANCES	EA	2	9,500.00	19,000.00	12,000.00	24,000.00
126	000003	1-INCH WATER SERVICE WITH POLYMER METER BOX WITH BEE PROOF LID	EA	1	3,500.00	3,500.00	2,000.00	2,000.00
		ALTERNATE BID 1 SUBTOTAL						
		ITEMS 119 - 126				280,800.00		452,100.00

ALTERNATE BID 2 - CVWD, FORCE MAIN AND GRAVITY SEWER RELOCATION

ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
127	000003	FURNISH ALL LABOR, MATERIALS AND EQUIPMENT FOR ADEQUATE TRENCH AND EXCAVATION, SHEETING, SHORING AND BRACING IN ACCORDANCE WITH SECTION 6705 AND 6707 OF THE STATE OF CALIFORNIA LABOR CODE (TECHNICAL CONDITION ARTICLE TC-24)	LS	1	64,000.00	64,000.00	10,000.00	10,000.00
128	000003	FURNISH AND INSTALL 8-INCH PVC FORCE MAIN, INCLUDING CONNECTIONS TO EXISTING FORCE MAIN, CONCRETE ENCASEMENT, THRUST RESTRAINT, TESTING, TEMPORARY PAVING AND SURFACE RESTORATION NOT INCLUDED IN THE ROAD IMPROVEMENT WORK, FILLING IN-PLACE OR REMOVAL OF PIPING OR STRUCTURES TO BE ABANDONED, FILLING AND ANCILLARY WORK PER PLAN. CONTRACTOR IS REQUIRED TO INSTALL 8-INCH PLUG VALVES ON BOTH SIDES OF THE SIPHONS. PAYMENT FOR THE PLUG VALVE WORK IS INCLUDED HEREIN.	LF	50	185.20	9,260.00	1,100.00	55,000.00

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**PROJECT: Airport Boulevard (Avenue 56) at Grapefruit Boulevard (Hwy 111)
and Union Pacific Railroad, Grade Separation Project
In the Community of Thermal of the Coachella Valley
PROJECT No. A6-0241, State Project ID: TCIFL - 5956(216)**

ALTERNATE BID 2 - CVWD, FORCE MAIN AND GRAVITY SEWER RELOCATION (continued)				COUNTY'S ESTIMATE				1 Granite Construction Company Indio, CA 92203	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE	
129	000003	FURNISH AND INSTALL 6-INCH DUCTILE IRON FORCE MAIN, INCLUDING CONNECTIONS TO EXISTING FORCE MAIN, CONCRETE ENCASEMENT, THRUST RESTRAINT, TESTING, TEMPORARY PAVING AND SURFACE RESTORATION NOT INCLUDED IN THE ROAD IMPROVEMENT WORK, FILLING IN-PLACE OR REMOVAL OF PIPING OR STRUCTURES TO BE ABANDONED, FILLING AND ANCILLARY WORK PER PLAN.	LF	825	145.71	120,210.75	150.00	123,750.00	
130	000003	SLURRY FILL ANNULAR SPACE BETWEEN EXISTING 24-INCH STEEL CASING AND EXISTING 12-INCH PVC FORCE MAIN TO LIMITS SHOWN ON PLAN.	LF	142	54.35	7,717.70	75.00	10,650.00	
131	000003	SHUTDOWN AND DEWATERING OF EXISTING FORCE MAIN, INCLUDING EMERGENCY BYPASS EQUIPMENT DURING LS 55-14 SHUTDOWN, OPTIONAL BYPASSING OF LS 55-14 FLOWS, AND DISPOSAL OF DEWATERED SEWAGE.	LS	1	19,002.77	19,002.77	15,000.00	15,000.00	
132	000003	RELOCATE EXISTING SEWAGE AIR/VACUUM VALVE ASSEMBLY AND VAULT AND EXTEND 2-INCH SCHEDULE 80 PVC PIPE	EA	1	1,500.00	1,500.00	5,000.00	5,000.00	
133	000003	FURNISH AND INSTALL 48-INCH DIAMETER SEWER MANHOLE, INCLUDING DROP CONNECTION, CONNECTIONS TO EXISTING SEWER, LINING AND COATING, TEMPORARY PAVING AND SURFACE RESTORATION NOT INCLUDED IN THE ROAD IMPROVEMENT WORK, AND ANCILLARY WORK PER PLAN.	EA	2	11,080.00	22,160.00	6,000.00	12,000.00	
134	000003	FURNISH AND INSTALL 8-INCH PVC SEWER MAIN, INCLUDING TESTING, FILLING IN-PLACE OR REMOVAL OF PIPING AND STRUCTURES TO BE ABANDONED, TEMPORARY PAVING AND SURFACE RESTORATION NOT INCLUDED IN THE ROAD IMPROVEMENT WORK, AND ANCILLARY WORK PER PLAN.	LF	264	142.42	37,598.88	50.00	13,200.00	
135	000003	FURNISH AND INSTALL 4-INCH AND 6-INCH PVC LATERALS, INCLUDING CLEANOUTS, CONNECTION TO EXISTING LATERAL, TEMPORARY PAVING AND SURFACE RESTORATION NOT INCLUDED IN THE ROAD IMPROVEMENT WORK, AND ANCILLARY WORK PER PLAN.	LF	182	74.45	13,549.90	80.00	14,560.00	
ALTERNATE BID 2 SUBTOTAL ITEMS 127 - 135						295,000.00		259,160.00	
PROJECT TOTAL ITEMS 1 - 135						21,401,493.65		17,646,646.00	

Riverside County Transportation Department
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Base Bid				2				3			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE		BID UNIT PRICE	BID ESTIMATE		
4	066063	TRAFFIC MANAGEMENT PLAN - PUBLIC INFORMATION	LS	4	---	---		---	---		
2	066102	DUST ABATEMENT	LS	1	40,000.00	40,000.00		40,000.00	40,000.00		40,000.00
3	066105	RESIDENT ENGINEERS OFFICE	LS	1	190,000.00	190,000.00		140,000.00	140,000.00		140,000.00
4	066164	OBLITERATE SURFACING	SQFT	13,500	0.60	8,100.00		0.50	6,750.00		6,750.00
5	066610	PARTNERING	LS	1	10,000.00	10,000.00		5,000.00	5,000.00		5,000.00
6	066861	MAINTAIN EXISTING AND TEMPORARY ELECTRICAL SYSTEM	LS	1	51,000.00	51,000.00		20,000.00	20,000.00		20,000.00
7	066920	DISPUTES REVIEW BOARD	LS	4	---	---		---	---		---
8	070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1	75,000.00	75,000.00		20,000.00	20,000.00		20,000.00
9	074016	CONSTRUCTION SITE MANAGEMENT	LS	1	179,415.08	179,415.08		75,000.00	75,000.00		75,000.00
10	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	20,000.00	20,000.00		10,000.00	10,000.00		10,000.00
11	074057	STORM WATER ANNUAL REPORT	EA	2	500.00	1,000.00		2,500.00	5,000.00		5,000.00
12	015602	FUNDING AWARENESS SIGN	EA	2	1,540.00	3,080.00		1,750.00	3,500.00		3,500.00
13	120090	CONSTRUCTION AREA SIGNS	LS	1	400.00	400.00		35,000.00	35,000.00		35,000.00
14	120100	TRAFFIC CONTROL SYSTEM	LS	1	100,000.00	100,000.00		35,000.00	35,000.00		35,000.00
15	120149	TEMPORARY PAVEMENT MARKING (PAINT)	SQFT	320	5.75	1,840.00		5.00	1,600.00		1,600.00
16	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	LF	11,700	0.52	6,084.00		0.50	5,850.00		5,850.00
17	120182	PORTABLE DELINEATOR	EA	460	38.00	17,480.00		35.00	16,100.00		16,100.00
18	128650	PORTABLE CHANGEABLE MESSAGE SIGN	LS	1	33,000.00	33,000.00		40,000.00	40,000.00		40,000.00
19	129000	TEMPORARY RAILING (TYPE K)	LF	2,540	25.00	63,500.00		35.00	88,900.00		88,900.00
20	129100	TEMPORARY CRASH CUSHION MODULE	EA	149	350.00	52,150.00		300.00	44,700.00		44,700.00
21	000003	RELOCATE CONDUIT	LF	366	45.00	16,470.00		75.00	27,450.00		27,450.00
22	150227	ABANDON PIPELINE	LF	1,140	16.00	18,240.00		25.00	28,500.00		28,500.00
23	150608	REMOVE CHAIN LINK FENCE	LF	1,300	10.50	13,650.00		6.00	7,800.00		7,800.00
24	150620	REMOVE GATE	EA	1	1,430.00	1,430.00		500.00	500.00		500.00
25	150742	REMOVE ROADSIDE SIGN	EA	25	25.00	625.00		50.00	1,250.00		1,250.00
26	150806	REMOVE PIPE	LF	6	310.00	1,860.00		70.00	420.00		420.00
27	150820	REMOVE INLET	EA	8	600.00	4,800.00		850.00	6,800.00		6,800.00
28	150846	REMOVE CONCRETE PAVEMENT	SQYD	52	35.00	1,820.00		80.00	4,160.00		4,160.00
29	152390	RELOCATE ROADSIDE SIGN	EA	19	145.00	2,755.00		150.00	2,850.00		2,850.00
30	152440	ADJUST MANHOLE TO GRADE	EA	10	1,100.00	11,000.00		1,600.00	16,000.00		16,000.00
31	152441	ADJUST VALVE BOX FRAME AND COVER TO GRADE	EA	11	1,500.00	16,500.00		1,000.00	11,000.00		11,000.00
32	153114	COLD PLANE ASPHALT CONCRETE PAVEMENT (20' MAXIMUM)	SQYD	5,360	4.00	21,440.00		2.00	10,720.00		10,720.00
33	153215	REMOVE CONCRETE (CURB AND GUTTER)	LF	1,800	6.00	10,800.00		3.00	5,400.00		5,400.00
34	153218	REMOVE CONCRETE SIDEWALK	SQFT	9,350	2.00	18,700.00		1.00	9,350.00		9,350.00
35	156579	REMOVE BRIDGE RAILING	LF	382	27.00	10,314.00		50.00	19,100.00		19,100.00
36	721007 F	ROCK SLOPE PROTECTION (1/4 TON, METHOD B)	CY	2	550.00	1,100.00		250.00	500.00		500.00
37	160101	CLEARING AND GRUBBING	ACRE	13	4,000.00	52,000.00		2,500.00	32,500.00		32,500.00
38	160132	DEMOLISH BUILDING	LS	1	50,000.00	50,000.00		20,000.00	20,000.00		20,000.00

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Base Bid (continued)				2			3		
				Skanska USA Civil West Riverside, CA 92509			M.C.M. Construction, Inc. North Highlands, CA 95600		
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE	
39	170101	DEVELOP WATER SUPPLY	LS	1	60,000.00	60,000.00	60,000.00	60,000.00	
40	190101	ROADWAY EXCAVATION	CY	26,700	11.00	293,700.00	25.00	667,500.00	
41	192003	STRUCTURE EXCAVATION (BRIDGE)	CY	770	33.00	25,410.00	35.00	26,950.00	
42	192020	STRUCTURE EXCAVATION (TYPE D)	CY	281	64.00	17,984.00	150.00	42,150.00	
43	192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	11,393	7.00	79,751.00	32.00	364,576.00	
44	193003	STRUCTURE BACKFILL (BRIDGE)	CY	1,390	10.00	13,900.00	50.00	69,500.00	
45	193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	14,206	20.00	284,120.00	17.00	241,502.00	
46	194001	DITCH EXCAVATION	CY	650	10.00	6,500.00	22.00	14,300.00	
47	198001	IMPORTED BORROW	CY	24,800	19.00	471,200.00	0.01	248.00	
48	198100	LIGHTWEIGHT FILL [CELLULAR CONCRETE 42 PCF]	CY	3,486	48.00	167,328.00	47.00	163,842.00	
49	198100	LIGHTWEIGHT FILL [CELLULAR CONCRETE 30 PCF]	CY	31,886	36.00	1,147,896.00	37.00	1,179,782.00	
50	000003	6" PVC (SCHEDULE 80)	LF	140	45.00	6,300.00	90.00	12,600.00	
51	260201	CLASS 2 AGGREGATE BASE	CY	21,600	30.00	648,000.00	32.00	691,200.00	
52	390132	HOT MIX ASPHALT (TYPE A)	TON	18,600	75.00	1,395,000.00	74.00	1,376,400.00	
53	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	70	3.00	210.00	30.00	2,100.00	
54	394075	PLACE HOT MIX ASPHALT DIKE (TYPE D)	LF	240	3.00	720.00	20.00	4,800.00	
55	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	90	3.00	270.00	25.00	2,250.00	
56	490538	FURNISH STEEL PILING (HP 14 X 117)	LF	12,332	65.00	801,580.00	57.00	702,924.00	
57	490539	DRIVE STEEL PILE (HP 14 X 117)	EA	165	3,100.00	511,500.00	1,250.00	206,250.00	
58	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	1	300,000.00	300,000.00	245,000.00	245,000.00	
59	000003	PRECAST CONCRETE WALL	SQFT	25,336	56.50	1,487,984.00	65.00	1,711,840.00	
60	511035	ARCHITECTURAL TREATMENT [AIRPLANE PANEL]	LS	1	7,500.00	7,500.00	100,000.00	100,000.00	
61	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	592	265.00	156,880.00	325.00	192,400.00	
62	510053	STRUCTURAL CONCRETE, BRIDGE	CY	4,084	647.00	2,642,348.00	707.00	2,887,388.00	
63	510060	STRUCTURAL CONCRETE, RETAINING WALL	CY	213	650.00	138,450.00	700.00	149,100.00	
64	510072	STRUCTURAL CONCRETE, BARRIER SLAB	CY	676	450.00	304,200.00	425.00	287,300.00	
65	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	179	800.00	143,200.00	800.00	143,200.00	
66	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	102	2,100.00	214,200.00	1,550.00	158,100.00	
67	511064	FRACTURED RIB TEXTURE [PRECAST WALLS]	SQFT	17,609	1.00	17,609.00	1.00	17,609.00	
68	511064	FRACTURED RIB TEXTURE [RETAINING WALL (TYPE 1)]	SQFT	1,675	20.00	33,500.00	15.00	25,125.00	
69	511064	FRACTURED RIB TEXTURE [BRIDGE]	SQFT	6,390	10.00	63,900.00	12.00	76,680.00	
70	519094	JOINT SEAL ASSEMBLY (MR 3 1/2")	LF	209	525.00	109,725.00	300.00	62,700.00	
71	520102	BAR REINFORCING STEEL (BRIDGE)	LB	1,152,600	0.83	956,658.00	1.00	1,152,600.00	
72	520103	BAR REINFORCING STEEL (RETAINING WALL)	LB	14,782	1.56	23,059.92	1.50	22,173.00	
73	550101	STRUCTURAL STEEL (SIDEWALK)	LB	17,970	13.00	233,610.00	10.00	179,700.00	
74	566011	ROADSIDE SIGN - ONE POST	EA	45	285.00	12,825.00	285.00	12,825.00	
75	601001	RAILROAD TRACK [REMOVE TRACK]	LF	220	7.00	1,540.00	100.00	22,000.00	
76	650010	12" REINFORCED CONCRETE PIPE	LF	41	85.00	3,485.00	130.00	5,330.00	

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In the Community of Thermal of the Coachella Valley
PROJECT No. A6-0241, State Project ID: TCIFL - 5956(216)

Advised: July 30, 2013 (Agenda Item: 3.54)
Addenda: 1 (8/15/2013), 2 (8/28/2013), 3 (9/05/2013), 4 (9/06/2013)
Bids Open: 2 pm Date: Wednesday, September 11, 2013

Base Bid (continued)			2			3		
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
77	650014 P	18" REINFORCED CONCRETE PIPE	LF	1,590	60.00	95,400.00	120.00	190,800.00
78	650018 P	24" REINFORCED CONCRETE PIPE	LF	990	65.00	64,350.00	130.00	128,700.00
79	650026 P	36" REINFORCED CONCRETE PIPE	LF	1,590	160.00	254,400.00	210.00	333,900.00
80	000003	JACK AND BORE 48" STEEL CASING	LF	250	1,200.00	300,000.00	1,750.00	437,500.00
81	703450 P	WELDED STEEL PIPE CASING (BRIDGE)	LF	140	210.00	29,400.00	220.00	30,800.00
82	705204 P	18" CONCRETE FLARED END SECTION	EA	2	900.00	1,800.00	2,500.00	5,000.00
83	729010 P	ROCK SLOPE PROTECTION FABRIC	SQYD	4	300.00	1,200.00	20.00	80.00
84	017317	MINOR CONCRETE (CROSS-GUTTER AND SPANDREL)	CY	30	600.00	18,000.00	370.00	11,100.00
85	731504	MINOR CONCRETE (CURB AND GUTTER)	CY	565	450.00	254,250.00	370.00	209,050.00
86	731516	MINOR CONCRETE (DRIVEWAY)	CY	100	520.00	52,000.00	350.00	35,000.00
87	731521	MINOR CONCRETE (SIDEWALK)	CY	320	840.00	268,800.00	360.00	115,200.00
88	731535	MINOR CONCRETE (BUS PAD)	CY	35	540.00	18,900.00	370.00	12,950.00
89	750501 P-F	MISCELLANEOUS METAL (BRIDGE)	LB	312	10.00	3,120.00	40.00	12,480.00
90	750505 P-F	BRIDGE DECK DRAINAGE SYSTEM	LB	9,435	6.00	56,610.00	8.00	75,480.00
91	018002 P-F	STEEL RAILING FENCE (7' WIRE MESH)	LF	833	280.00	233,240.00	275.00	229,075.00
92	018002 P-F	STEEL RAILING FENCE (5' WIRE MESH)	LF	416	210.00	87,360.00	210.00	87,360.00
93	018002 P-F	STEEL RAILING FENCE (3')	LF	1,522	93.00	141,546.00	95.00	144,590.00
94	800360 P	CHAIN LINK FENCE (TYPE CL-6)	LF	970	21.00	20,370.00	21.00	20,370.00
95	802580 P	12' CHAIN LINK GATE (TYPE CL-6)	EA	2	1,900.00	3,800.00	2,000.00	4,000.00
96	839401 F	CONCRETE BARRIER (TYPE 26B MODIFIED)	LF	35	275.00	9,625.00	500.00	17,500.00
97	832003 P	METAL BEAM GUARD RAILING (WOOD POST)	LF	90	56.00	5,040.00	50.00	4,500.00
98	833088 P-F	TUBULAR HANDRAILING	LF	366	252.00	92,232.00	300.00	109,800.00
99	833142 F	CONCRETE BARRIER (TYPE 26 MODIFIED)	LF	1,604	140.00	224,560.00	150.00	240,600.00
100	839541 P	TRANSITION RAILING (TYPE WB)	EA	1	3,400.00	3,400.00	3,400.00	3,400.00
101	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	1	3,500.00	3,500.00	3,100.00	3,100.00
102	839712 F	CONCRETE BARRIER (TYPE 60SC)	LF	63	200.00	12,600.00	300.00	18,900.00
103	839725 F	CONCRETE BARRIER (TYPE 736)	LF	501	80.00	40,080.00	90.00	45,090.00
104	839727 F	CONCRETE BARRIER (TYPE 736 MODIFIED)	LF	626	75.00	46,950.00	75.00	46,950.00
105	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	39,800	0.50	19,900.00	0.50	19,900.00
106	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	2,300	0.90	2,070.00	1.00	2,300.00
107	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	2,100	4.45	9,345.00	4.00	8,400.00
108	840526	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 17-7)	LF	5,100	0.37	1,887.00	0.50	2,550.00
109	850111 P	PAVEMENT MARKER (RETROREFLECTIVE)	EA	1,040	3.45	3,588.00	3.50	3,640.00
110	860201 P	SIGNAL AND LIGHTING (AIRPORT BLVD & POLK ST)	LS	1	103,000.00	103,000.00	150,000.00	150,000.00
111	860201 P	SIGNAL AND LIGHTING (AIRPORT BLVD & PALM ST)	LS	1	145,000.00	145,000.00	160,000.00	160,000.00
112	860201 P	SIGNAL AND LIGHTING (GRAPEFRUIT BLVD & FRONTAGE RD)	LS	1	150,000.00	150,000.00	140,000.00	140,000.00
113	860201 P	SIGNAL AND LIGHTING (GRAPEFRUIT BLVD & PALM ST)	LS	1	182,000.00	182,000.00	160,000.00	160,000.00
114	860408 P	LIGHTING (STREET)	LS	1	120,000.00	120,000.00	140,000.00	140,000.00

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Base Bid (continued)				2				3			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	Skanska USA Civil West Riverside, CA 92509	BID UNIT PRICE	BID ESTIMATE	M.C.M. Construction, Inc. North Highlands, CA 95600	BID ESTIMATE
115	860701	INTERCONNECTION CONDUIT AND CONDUCTOR	LS	1	32,000.00	32,000.00		25,000.00	25,000.00		25,000.00
116	000001	ITEM DELETED PER ADDENDUM No. 2	—	—	—	—		—	—		—
117	019902	COURSE OF CONSTRUCTION INSURANCE	LS	1	150,000.00	150,000.00		150,000.00	150,000.00		150,000.00
118	760090	MOBILIZATION, DEMOBILIZATION, AND FINAL CLEAN UP	LS	1	1,200,000.00	1,200,000.00		1,200,000.00	1,200,000.00		1,200,000.00
118.A	066020	RELATIONS WITH RAILROAD [INCLUDING FLAGGING]	LS	1	350,000.00	350,000.00		225,000.00	225,000.00		225,000.00
BASE BID SUBTOTAL											
ITEMS 1 - 118.A						18,698,919.00					19,036,709.00

ALTERNATE BID 1 - CVWD, DOMESTIC WATER TRANSMISSION MAIN PHASE III A-1

ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
119	000003	PREMIUM FOR ALL-RISK INSTALLATION FLOATER INSURANCE	LS	1	10,600.00	10,600.00	630.00	630.00
120	000003	WATER TRANSMISSION MAIN MOBILIZATION	LS	1	6,100.00	6,100.00	10,000.00	10,000.00
121	000003	UTILITY POTHOLING	LS	1	7,000.00	7,000.00	24,000.00	24,000.00
122	000003	FURNISH AND INSTALL A 30-INCH DUCTILE IRON DOMESTIC WATER MAIN (POLYETHYLENE ENCASED) (CL-200) WITH RESTRAINED JOINTS, FITTINGS, BENDS, STEEL CASINGS, SPACERS, END PLUGS, SURFACE RESTORATION, AND ALL NECESSARY APPURTENANCES.	LF	1,185	280.00	331,800.00	380.00	450,300.00
123	000003	FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY PER CVWD STD W33A	EA	1	10,200.00	10,200.00	15,000.00	15,000.00
124	000003	FURNISH AND INSTALL 30-INCH DUCTILE IRON BUTTERFLY VALVE AND ALL RELATED APPURTENANCES	EA	1	13,500.00	13,500.00	16,000.00	16,000.00
125	000003	FURNISH AND INSTALL 6-INCH COMBINATION AIR RELEASE AND VACUUM VALVE PER PLAN AND ALL RELATED APPURTENANCES	EA	2	13,000.00	26,000.00	17,000.00	34,000.00
126	000003	1-INCH WATER SERVICE WITH POLYMER METER BOX WITH BEE PROOF LID	EA	1	3,600.00	3,600.00	2,900.00	2,900.00
ALTERNATE BID 1 SUBTOTAL						408,800.00		552,830.00
ITEMS 119 - 126								

ALTERNATE BID 2 - CVWD, FORCE MAIN AND GRAVITY SEWER RELOCATION

ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
127	000003	FURNISH ALL LABOR, MATERIALS AND EQUIPMENT FOR ADEQUATE TRENCH AND EXCAVATION, SHEETING, SHORING AND BRACING IN ACCORDANCE WITH SECTION 6705 AND 6707 OF THE STATE OF CALIFORNIA LABOR CODE (TECHNICAL CONDITION ARTICLE TC-24)	LS	1	25,000.00	25,000.00	13,000.00	13,000.00
128	000003	FURNISH AND INSTALL 8-INCH PVC FORCE MAIN, INCLUDING CONNECTIONS TO EXISTING FORCE MAIN, CONCRETE ENCASEMENT, THRUST RESTRAIN, TESTING, TEMPORARY PAVING AND SURFACE RESTORATION NOT INCLUDED IN THE ROAD IMPROVEMENT WORK, FILLING IN-PLACE OR REMOVAL OF PIPING OR STRUCTURES TO BE ABANDONED, FILLING AND ANCILLARY WORK PER PLAN. CONTRACTOR IS REQUIRED TO INSTALL 8-INCH PLUG VALVES ON BOTH SIDES OF THE SIPHONS. PAYMENT FOR THE PLUG VALVE WORK IS INCLUDED HEREIN.	LF	50	1,000.00	50,000.00	1,250.00	62,500.00

Riverside County Transportation Department
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and Union Pacific Railroad, Grade Separation Project
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ALTERNATE BID 2 - CVWD, FORCE MAIN AND GRAVITY SEWER RELOCATION (continued)					2		3	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	Skanska USA Civil West Riverside, CA 92509		M.C.M. Construction, Inc. North Highlands, CA 95600	
					BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
129	000003	FURNISH AND INSTALL 6-INCH DUCTILE IRON FORCE MAIN, INCLUDING CONNECTIONS TO EXISTING FORCE MAIN, CONCRETE ENCASEMENT, THRUST RESTRAINT, TESTING, TEMPORARY PAVING AND SURFACE RESTORATION NOT INCLUDED IN THE ROAD IMPROVEMENT WORK, FILLING IN-PLACE OR REMOVAL OF PIPING OR STRUCTURES TO BE ABANDONED, FILLING AND ANCILLARY WORK PER PLAN.	LF	825	162.00	133,650.00	224.00	184,800.00
130	000003	SLURRY FILL ANNULAR SPACE BETWEEN EXISTING 24-INCH STEEL CASING AND EXISTING 12-INCH PVC FORCE MAIN TO LIMITS SHOWN ON PLAN.	LF	142	35.00	4,970.00	100.00	14,200.00
131	000003	SHUTDOWN AND DEWATERING OF EXISTING FORCE MAIN, INCLUDING EMERGENCY BYPASS EQUIPMENT DURING LS 55-14 SHUTDOWN, OPTIONAL BYPASSING OF LS 55-14 FLOWS, AND DISPOSAL OF DEWATERED SEWAGE.	LS	1	16,200.00	16,200.00	20,000.00	20,000.00
132	000003	RELOCATE EXISTING SEWAGE AIR/VACUUM VALVE ASSEMBLY AND VAULT AND EXTEND 2-INCH SCHEDULE 80 PVC PIPE	EA	1	4,000.00	4,000.00	5,000.00	5,000.00
133	000003	FURNISH AND INSTALL 48-INCH DIAMETER SEWER MANHOLE, INCLUDING DROP CONNECTION, CONNECTIONS TO EXISTING SEWER, LINING AND COATING, TEMPORARY PAVING AND SURFACE RESTORATION NOT INCLUDED IN THE ROAD IMPROVEMENT WORK, AND ANCILLARY WORK PER PLAN.	EA	2	12,500.00	25,000.00	6,000.00	12,000.00
134	000003	FURNISH AND INSTALL 8-INCH PVC SEWER MAIN, INCLUDING TESTING, FILLING IN-PLACE OR REMOVAL OF PIPING AND STRUCTURES TO BE ABANDONED, TEMPORARY PAVING AND SURFACE RESTORATION NOT INCLUDED IN THE ROAD IMPROVEMENT WORK, AND ANCILLARY WORK PER PLAN.	LF	264	70.00	18,480.00	70.00	18,480.00
135	000003	FURNISH AND INSTALL 4-INCH AND 6-INCH PVC LATERALS, INCLUDING CLEANOUTS, CONNECTION TO EXISTING LATERAL, TEMPORARY PAVING AND SURFACE RESTORATION NOT INCLUDED IN THE ROAD IMPROVEMENT WORK, AND ANCILLARY WORK PER PLAN.	LF	182	75.00	13,650.00	86.00	15,652.00
ALTERNATE BID 2 SUBTOTAL						290,950.00		345,632.00
ITEMS 127 - 135								

						19,398,669.00		19,935,171.00
PROJECT TOTAL								
ITEMS 1 - 135								

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Base Bid					4		5	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	066063	TRAFFIC MANAGEMENT PLAN - PUBLIC INFORMATION	LS	1	---	---	---	---
2	066102	DUST ABATEMENT	LS	1	40,000.00	40,000.00	40,000.00	40,000.00
3	066105	RESIDENT ENGINEERS OFFICE	LS	1	190,000.00	190,000.00	190,000.00	190,000.00
4	066164	OBLITERATE SURFACING	SQFT	13,500	1.50	20,250.00	0.40	5,400.00
5	066610	PARTNERING	LS	1	1,000.00	1,000.00	14,500.00	14,500.00
6	066661	MAINTAIN EXISTING AND TEMPORARY ELECTRICAL SYSTEM	LS	1	2,000.00	2,000.00	17,000.00	17,000.00
7	0666920	DISPUTES REVIEW BOARD	LS	4	---	---	---	---
8	070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1	75,000.00	75,000.00	75,000.00	75,000.00
9	074016	CONSTRUCTION SITE MANAGEMENT	LS	1	750,000.00	750,000.00	190,000.00	190,000.00
10	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	20,000.00	20,000.00	20,000.00	20,000.00
11	074057	STORM WATER ANNUAL REPORT	EA	2	500.00	1,000.00	5,500.00	11,000.00
12	015602	FUNDING AWARENESS SIGN	EA	2	3,000.00	6,000.00	1,000.00	2,000.00
13	120090	CONSTRUCTION AREA SIGNS	LS	1	50,000.00	50,000.00	50,000.00	50,000.00
14	120100	TRAFFIC CONTROL SYSTEM	LS	1	225,000.00	225,000.00	150,000.00	150,000.00
15	120149	TEMPORARY PAVEMENT MARKING (PAINT)	SQFT	320	6.00	1,920.00	4.00	1,280.00
16	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	LF	11,700	0.50	5,850.00	0.50	5,850.00
17	120182	PORTABLE DELINEATOR	EA	460	30.00	13,800.00	20.00	9,200.00
18	128650	PORTABLE CHANGEABLE MESSAGE SIGN	LS	1	100,000.00	100,000.00	35,000.00	35,000.00
19	129000	TEMPORARY RAILING (TYPE K)	LF	2,540	25.00	63,500.00	19.00	48,260.00
20	129100	TEMPORARY CRASH CUSHION MODULE	EA	149	250.00	37,250.00	225.00	33,525.00
21	000003	RELOCATE CONDUIT	LF	366	20.00	7,320.00	10.00	3,660.00
22	150227	ABANDON PIPELINE	LF	1,140	40.00	45,600.00	16.00	18,240.00
23	150608	REMOVE CHAIN LINK FENCE	LF	1,300	7.00	9,100.00	11.00	14,300.00
24	150620	REMOVE GATE	EA	1	500.00	500.00	500.00	500.00
25	150742	REMOVE ROADSIDE SIGN	EA	25	25.00	625.00	100.00	2,500.00
26	150806	REMOVE PIPE	LF	6	175.00	1,050.00	55.00	330.00
27	150820	REMOVE INLET	EA	8	1,500.00	12,000.00	1,200.00	9,600.00
28	150846	REMOVE CONCRETE PAVEMENT	SQYD	52	35.00	1,820.00	50.00	2,600.00
29	152390	RELOCATE ROADSIDE SIGN	EA	19	175.00	3,325.00	200.00	3,800.00
30	152440	ADJUST MANHOLE TO GRADE	EA	10	600.00	6,000.00	500.00	5,000.00
31	152441	ADJUST VALVE BOX FRAME AND COVER TO GRADE	EA	11	400.00	4,400.00	250.00	2,750.00
32	153114	COLD PLANE ASPHALT CONCRETE PAVEMENT (20' MAXIMUM)	SQYD	5,360	2.50	13,400.00	3.00	16,080.00
33	153215	REMOVE CONCRETE (CURB AND GUTTER)	LF	1,800	8.50	15,300.00	4.00	7,200.00
34	153218	REMOVE CONCRETE SIDEWALK	SQFT	9,350	1.50	14,025.00	1.00	9,350.00
35	156579	REMOVE BRIDGE RAILING	LF	382	17.00	6,494.00	30.00	11,460.00
36	721007 F	ROCK SLOPE PROTECTION (1/4 TON, METHOD B)	CY	2	1,800.00	3,600.00	400.00	800.00
37	160101	CLEARING AND GRUBBING	ACRE	13	1,800.00	23,400.00	5,000.00	65,000.00
38	160132	DEMOLISH BUILDING	LS	1	25,000.00	25,000.00	80,000.00	80,000.00

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Base Bid (continued)				4				5			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	Griffith Company Santa Fe Springs, CA 90670	BID UNIT PRICE	BID ESTIMATE	Steve P. Rados, Inc. Santa Ana, CA 92705	BID ESTIMATE
39	170101	DEVELOP WATER SUPPLY	LS	1	60,000.00	60,000.00		60,000.00	60,000.00		60,000.00
40	190101	ROADWAY EXCAVATION	CY	26,700	18.00	480,600.00			12.00		320,400.00
41	192003	STRUCTURE EXCAVATION (BRIDGE)	CY	770	50.00	38,500.00		200.00			154,000.00
42	192020	STRUCTURE EXCAVATION (TYPE D)	CY	281	35.00	9,835.00		70.00			19,670.00
43	192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	11,393	9.00	102,537.00		25.00			284,825.00
44	193003	STRUCTURE BACKFILL (BRIDGE)	CY	1,390	35.00	48,650.00		50.00			69,500.00
45	193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	14,206	22.00	312,532.00		10.00			142,060.00
46	194001	DITCH EXCAVATION	CY	650	25.00	16,250.00		20.00			13,000.00
47	198001	IMPORTED BORROW	CY	24,800	0.50	12,400.00		0.10			2,480.00
48	198100	LIGHTWEIGHT FILL [CELLULAR CONCRETE 42 PCF]	CY	3,486	50.00	174,300.00		50.00			174,300.00
49	198100	LIGHTWEIGHT FILL [CELLULAR CONCRETE 30 PCF]	CY	31,886	40.00	1,275,440.00		40.00			1,275,440.00
50	000003	6" PVC (SCHEDULE 80)	LF	140	50.00	7,000.00		20.00			2,800.00
51	260201	CLASS 2 AGGREGATE BASE	TON	21,600	30.00	648,000.00		35.00			756,000.00
52	390132	HOT MIX ASPHALT (TYPE A)	LF	18,600	80.00	1,488,000.00		72.00			1,339,200.00
53	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	70	14.00	980.00		6.00			420.00
54	394075	PLACE HOT MIX ASPHALT DIKE (TYPE D)	LF	240	14.00	3,360.00		6.00			1,440.00
55	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	90	14.00	1,260.00		6.00			540.00
56	490538	FURNISH STEEL PILING (HP 14 X 117)	LF	12,332	30.00	369,960.00		68.00			838,576.00
57	490539	DRIVE STEEL PILE (HP 14 X 117)	EA	165	1,950.00	321,750.00		2,100.00			346,500.00
58	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	1	175,000.00	175,000.00		310,000.00			310,000.00
59	000003	PRECAST CONCRETE WALL	SQFT	28,336	45.00	1,185,120.00		65.00			1,711,840.00
60	511035	ARCHITECTURAL TREATMENT [AIRPLANE PANEL]	LS	1	25,000.00	25,000.00		125,000.00			125,000.00
61	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	592	400.00	236,800.00		400.00			236,800.00
62	510053	STRUCTURAL CONCRETE, BRIDGE	CY	4,084	600.00	2,450,400.00		789.00			3,222,276.00
63	510060	STRUCTURAL CONCRETE, RETAINING WALL	CY	213	750.00	159,750.00		800.00			170,400.00
64	510072	STRUCTURAL CONCRETE, BARRIER SLAB	CY	676	500.00	338,000.00		400.00			270,400.00
65	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	179	550.00	98,450.00		500.00			89,500.00
66	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	102	1,400.00	142,800.00		1,800.00			183,600.00
67	511064	FRACTURED RIB TEXTURE [PRECAST WALLS]	SQFT	17,609	1.00	17,609.00		3.00			52,827.00
68	511064	FRACTURED RIB TEXTURE [RETAINING WALL (TYPE 1)]	SQFT	1,675	30.00	50,250.00		12.00			20,100.00
69	511064	FRACTURED RIB TEXTURE [BRIDGE]	SQFT	6,390	30.00	191,700.00		15.00			95,850.00
70	519094	JOINT SEAL ASSEMBLY (MR 3 1/2")	LF	209	450.00	94,050.00		205.00			42,845.00
71	520102	P-F BAR REINFORCING STEEL (BRIDGE)	LB	1,152,600	1.25	1,440,750.00		0.85			979,710.00
72	520103	P-F BAR REINFORCING STEEL (RETAINING WALL)	LB	14,782	1.50	22,173.00		1.00			14,782.00
73	550101	P-F STRUCTURAL STEEL (SIDEWALK)	LB	17,970	12.50	224,625.00		22.00			395,340.00
74	566011	ROADSIDE SIGN - ONE POST	EA	45	350.00	15,750.00		300.00			13,500.00
75	601001	RAILROAD TRACK [REMOVE TRACK]	LF	220	25.00	5,500.00		30.00			6,600.00
76	650010	12" REINFORCED CONCRETE PIPE	LF	41	175.00	7,175.00		120.00			4,920.00

Riverside County Transportation Department
Summary of Bids

PROJECT: Airport Boulevard (Avenue 56) at Grapefruit Boulevard (Hwy 111)
and Union Pacific Railroad, Grade Separation Project
In the Community of Thermal of the Coachella Valley
PROJECT No. A6-0241, State Project ID: TCIFL - 5956(216)

Advertised: July 30, 2013 (Agenda Item: 3.54)
Addenda: 1 (8/16/2013), 2 (8/28/2013), 3 (9/05/2013), 4 (9/06/2013)
Bids Open: 2 pm Date: Wednesday, September 11, 2013

Base Bid (continued)		4			5		
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	Griffith Company Santa Fe Springs, CA 90670	Steve P. Rados, Inc. Santa Ana, CA 92705	BID ESTIMATE
77	650014 P	18" REINFORCED CONCRETE PIPE	LF	1,590	125.00	115.00	182,850.00
78	650018 P	24" REINFORCED CONCRETE PIPE	LF	990	150.00	135.00	133,650.00
79	650026 P	36" REINFORCED CONCRETE PIPE	LF	1,590	175.00	155.00	248,450.00
80	000003	JACK AND BORE 48" STEEL CASING	LF	250	2,000.00	1,150.00	287,500.00
81	703450 P	WELDED STEEL PIPE CASING (BRIDGE)	LF	140	175.00	550.00	77,000.00
82	705204	18" CONCRETE FLARED END SECTION	EA	2	1,500.00	450.00	900.00
83	729010 P	ROCK SLOPE PROTECTION FABRIC	SQYD	4	400.00	1.00	4.00
84	017317	MINOR CONCRETE (CROSS-GUTTER AND SPANDREL)	CY	30	550.00	500.00	15,000.00
85	731504	MINOR CONCRETE (CURB AND GUTTER)	CY	565	500.00	375.00	211,875.00
86	731516	MINOR CONCRETE (DRIVEWAY)	CY	100	500.00	500.00	50,000.00
87	731521	MINOR CONCRETE (SIDEWALK)	CY	320	525.00	400.00	128,000.00
88	731535	MINOR CONCRETE (BUS PAD)	CY	35	750.00	500.00	17,500.00
89	750501 P-F	MISCELLANEOUS METAL (BRIDGE)	LB	312	6.00	10.00	3,120.00
90	750505 P-F	BRIDGE DECK DRAINAGE SYSTEM	LB	9,435	5.93	8.00	75,480.00
91	018002 P-F	STEEL RAILING FENCE (7" WIRE MESH)	LF	833	360.00	270.00	224,910.00
92	018002 P-F	STEEL RAILING FENCE (5" WIRE MESH)	LF	416	260.00	220.00	91,520.00
93	018002 P-F	STEEL RAILING FENCE (3")	LF	1,522	120.00	100.00	152,200.00
94	800360 P	CHAIN LINK FENCE (TYPE CL-6)	LF	970	23.00	22.00	21,340.00
95	802580 P	12" CHAIN LINK GATE (TYPE CL-6)	EA	2	1,500.00	1,900.00	3,800.00
96	839401 F	CONCRETE BARRIER (TYPE 28B MODIFIED)	LF	35	235.00	250.00	8,750.00
97	832003 P	METAL BEAM GUARD RAILING (WOOD POST)	LF	90	55.00	30.00	2,700.00
98	833088 P-F	TUBULAR HANDRAILING	LF	366	350.00	160.00	58,560.00
99	833142 F	CONCRETE BARRIER (TYPE 28 MODIFIED)	LF	1,604	140.00	125.00	200,500.00
100	839541 P	TRANSITION RAILING (TYPE WB)	EA	1	4,000.00	3,300.00	3,300.00
101	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	1	5,000.00	2,300.00	2,300.00
102	839712	CONCRETE BARRIER (TYPE 60SC)	LF	63	230.00	200.00	12,600.00
103	839725 F	CONCRETE BARRIER (TYPE 736)	LF	501	100.00	115.00	57,615.00
104	839727 F	CONCRETE BARRIER (TYPE 736 MODIFIED)	LF	626	105.00	90.00	56,340.00
105	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	39,800	0.25	0.50	19,900.00
106	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	2,300	0.25	1.00	2,300.00
107	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	2,100	5.00	4.00	8,400.00
108	840526	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 17-7)	LF	5,100	0.25	0.50	2,550.00
109	850111 P	PAVEMENT MARKER (RETROREFLECTIVE)	EA	1,040	3.50	4.00	4,160.00
110	860201 P	SIGNAL AND LIGHTING (AIRPORT BLVD & POLK ST)	LS	1	200,000.00	175,000.00	175,000.00
111	860201 P	SIGNAL AND LIGHTING (AIRPORT BLVD & PALM ST)	LS	1	200,000.00	170,000.00	170,000.00
112	860201 P	SIGNAL AND LIGHTING (GRAPEFRUIT BLVD & FRONTAGE RD)	LS	1	175,000.00	140,000.00	140,000.00
113	860201 P	SIGNAL AND LIGHTING (GRAPEFRUIT BLVD & PALM ST)	LS	1	225,000.00	155,000.00	155,000.00
114	860408 P	LIGHTING (STREET)	LS	1	140,000.00	135,000.00	135,000.00

Riverside County Transportation Department Summary of Bids

PROJECT: Airport Boulevard (Avenue 56) at Grapefruit Boulevard (Hwy 111)
and Union Pacific Railroad, Grade Separation Project
In the Community of Thermal of the Coachella Valley
PROJECT NO. A6-0241, State Project ID: TCIFL - 5956(216)

Advertised: July 30, 2013 (Agenda Item: 3.54)
Addenda: 1 (8/15/2013), 2 (8/28/2013), 3 (9/05/2013), 4 (9/06/2013)
Bids Open: 2 pm Date: Wednesday, September 11, 2013

Base Bid (continued)				4		5	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID ESTIMATE
115	860701	INTERCONNECTION CONDUIT AND CONDUCTOR	LS	1	40,000.00	40,000.00	27,000.00
116	000001	ITEM DELETED PER ADDENDUM No. 2	--	--	--	--	--
117	019902	COURSE OF CONSTRUCTION INSURANCE	LS	1	150,000.00	150,000.00	130,000.00
118	760090	MOBILIZATION, DEMOBILIZATION, AND FINAL CLEAN UP	LS	1	970,000.00	970,000.00	1,200,000.00
118.A	066020	RELATIONS WITH RAILROAD (INCLUDING FLAGGING)	LS	1	100,000.00	100,000.00	180,000.00
BASE BID SUBTOTAL						19,150,541.55	
ITEMS 1 - 118.A							19,573,700.00

ALTERNATE BID 1 - CVWD, DOMESTIC WATER TRANSMISSION MAIN PHASE III A-1

ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
119	000003	PREMIUM FOR ALL-RISK INSTALLATION FLOATER INSURANCE	LS	1	500.00	500.00	2,750.00	2,750.00
120	000003	WATER TRANSMISSION MAIN MOBILIZATION	LS	1	1,200.00	1,200.00	100.00	100.00
121	000003	UTILITY POTHOLING	LS	1	1,000.00	1,000.00	9,000.00	9,000.00
122	000003	FURNISH AND INSTALL A 30-INCH DUCTILE IRON DOMESTIC WATER MAIN (POLYETHYLENE ENCASED) (CL-200) WITH RESTRAINED JOINTS, FITTINGS, BENDS, STEEL CASINGS, SPACERS, END PLUGS, SURFACE RESTORATION, AND ALL NECESSARY APPURTENANCES.	LF	1,185	325.00	385,125.00	275.00	325,875.00
123	000003	FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY PER CVWD STD W33A	EA	1	9,750.00	9,750.00	6,000.00	6,000.00
124	000003	FURNISH AND INSTALL 30-INCH DUCTILE IRON BUTTERFLY VALVE AND ALL RELATED APPURTENANCES	EA	1	15,000.00	15,000.00	10,000.00	10,000.00
125	000003	FURNISH AND INSTALL 6-INCH COMBINATION AIR RELEASE AND VACUUM VALVE PER PLAN AND ALL RELATED APPURTENANCES	EA	2	15,000.00	30,000.00	8,000.00	16,000.00
126	000003	1-INCH WATER SERVICE WITH POLYMER METER BOX WITH BEE PROOF LID	EA	1	1,000.00	1,000.00	2,500.00	2,500.00
ALTERNATE BID 1 SUBTOTAL						443,575.00		372,225.00
ITEMS 119 - 126								

ALTERNATE BID 2 - CVWD, FORCE MAIN AND GRAVITY SEWER RELOCATION

ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
127	000003	FURNISH ALL LABOR, MATERIALS AND EQUIPMENT FOR ADEQUATE TRENCH AND EXCAVATION, SHEETING, SHORING AND BRACING IN ACCORDANCE WITH SECTION 6705 AND 6707 OF THE STATE OF CALIFORNIA LABOR CODE (TECHNICAL CONDITION ARTICLE TC-24)	LS	1	15,000.00	15,000.00	1,000.00	1,000.00
128	000003	FURNISH AND INSTALL 8-INCH PVC FORCE MAIN, INCLUDING CONNECTIONS TO EXISTING FORCE MAIN, CONCRETE ENCASEMENT, THRUST RESTRAIN, TESTING, TEMPORARY PAVING AND SURFACE RESTORATION NOT INCLUDED IN THE ROAD IMPROVEMENT WORK, FILLING IN-PLACE OR REMOVAL OF PIPING OR STRUCTURES TO BE ABANDONED, FILLING AND ANCILLARY WORK PER PLAN. CONTRACTOR IS REQUIRED TO INSTALL 8-INCH PLUG VALVES ON BOTH SIDES OF THE SIPHONS. PAYMENT FOR THE PLUG VALVE WORK IS INCLUDED HEREIN.	LF	50	1,000.00	50,000.00	800.00	40,000.00

Riverside County Transportation Department Summary of Bids

Advertised: July 30, 2013 (Agenda Item: 3.54)
Addenda: 1 (8/15/2013), 2 (8/28/2013), 3 (9/05/2013), 4 (9/06/2013)
Bids Open: 2 pm Date: Wednesday, September 11, 2013

**PROJECT: Airport Boulevard (Avenue 56) at Grapefruit Boulevard (Hwy 111)
and Union Pacific Railroad, Grade Separation Project
In the Community of Thermal of the Coachella Valley
PROJECT No. A6-0241, State Project ID: TCIFL - 5956(216)**

			4		5	
ALTERNATE BID 2 - CVWD, FORCE MAIN AND GRAVITY SEWER RELOCATION (continued)			Griffith Company Santa Fe Springs, CA 90670		Steve P. Rados, Inc. Santa Ana, CA 92705	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
129	000003	FURNISH AND INSTALL 6-INCH DUCTILE IRON FORCE MAIN, INCLUDING CONNECTIONS TO EXISTING FORCE MAIN, CONCRETE ENCASEMENT, THRUST RESTRAINT, TESTING, TEMPORARY PAVING AND SURFACE RESTORATION NOT INCLUDED IN THE ROAD IMPROVEMENT WORK, FILLING IN-PLACE OR REMOVAL OF PIPING OR STRUCTURES TO BE ABANDONED, FILLING AND ANCILLARY WORK PER PLAN.	LF	825	400.00	330,000.00
130	000003	SLURRY FILL ANNULAR SPACE BETWEEN EXISTING 24-INCH STEEL CASING AND EXISTING 12-INCH PVC FORCE MAIN TO LIMITS SHOWN ON PLAN.	LF	142	30.00	4,260.00
131	000003	SHUTDOWN AND DEWATERING OF EXISTING FORCE MAIN, INCLUDING EMERGENCY BYPASS EQUIPMENT DURING LS 55-14 SHUTDOWN, OPTIONAL BYPASSING OF LS 55-14 FLOWS, AND DISPOSAL OF DEWATERED SEWAGE.	LS	1	9,000.00	9,000.00
132	000003	RELOCATE EXISTING SEWAGE AIR/VACUUM VALVE ASSEMBLY AND VAULT AND EXTEND 2-INCH SCHEDULE 80 PVC PIPE	EA	1	8,000.00	8,000.00
133	000003	FURNISH AND INSTALL 48-INCH DIAMETER SEWER MANHOLE, INCLUDING DROP CONNECTION, CONNECTIONS TO EXISTING SEWER, LINING AND COATING, TEMPORARY PAVING AND SURFACE RESTORATION NOT INCLUDED IN THE ROAD IMPROVEMENT WORK, AND ANCILLARY WORK PER PLAN.	EA	2	16,500.00	33,000.00
134	000003	FURNISH AND INSTALL 8-INCH PVC SEWER MAIN, INCLUDING TESTING, FILLING IN-PLACE OR REMOVAL OF PIPING AND STRUCTURES TO BE ABANDONED, TEMPORARY PAVING AND SURFACE RESTORATION NOT INCLUDED IN THE ROAD IMPROVEMENT WORK, AND ANCILLARY WORK, PER PLAN.	LF	264	130.00	34,320.00
135	000003	FURNISH AND INSTALL 4-INCH AND 6-INCH PVC LATERALS, INCLUDING CLEANOUTS, CONNECTION TO EXISTING LATERAL, TEMPORARY PAVING AND SURFACE RESTORATION NOT INCLUDED IN THE ROAD IMPROVEMENT WORK, AND ANCILLARY WORK PER PLAN.	LF	182	95.00	17,290.00
ALTERNATE BID 2 SUBTOTAL ITEMS 127 - 135						500,870.00
PROJECT TOTAL ITEMS 1 - 135						20,094,986.55
						220,460.00



COUNTY OF RIVERSIDE

TRANSPORTATION AND LAND MANAGEMENT AGENCY



Juan C. Perez, P.E., T.E.
Director

Patricia Romo, P.E.
Assistant Director

Transportation Department

ADDENDUM NUMBER 1

Dated August 15, 2013

**to the
Specifications and Contract Documents
for the construction of**

**Aiport Boulevard (Avenue 56)
At Grapefruit Boulevard (Hwy 111) and Union Pacific Railroad
Grade Separation Project
In the Community of Thermal of the Coachella Valley**

Project No. A6-0241, State Project ID: TCIFL-5956(216)

Bids Due: Wednesday, September 04, 2013; 2:00 PM
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Contractor's Proposal. Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

http://www.rctlma.org/trans/con_bid_advertisements.html

MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

Item 1: Revised Proposal. Refer to "Proposal" pages B2-B7. Proposal (pages B2-B7) are deleted and replaced with revised "Proposal" attached herewith as **Attachment "A"**. The following changes have been made to the Proposal Schedules:

- a. The following Bid Items have been deleted and replaced:

Items 127 through 141 are deleted and replaced with Items 127 through 135 in revised "Proposal" (Alternate 2- CVWD, RELOCATE SEWER FORCE MAIN AND GRAVITY SEWER).

Item 2: Coachella Valley Water District (CVWD) special provisions. The following CVWD Special Provisions are added and made part of hereby:

- Airport Boulevard Transmission Main Phase III A-1.
Included in this addendum and designated as **Attachment "B"**.
- Force Main and Gravity Sewer Relocation For Airport Boulevard Grade Separation
Included in this addendum and designated as **Attachment "C"**.

Item 3: Additional Insured. Refer to Section 10-1.08 "Insurance" page 51-52. The following is added to the list of additional insured entities:

Kinder Morgan, its officers, directors, agents, and employees.

MODIFICATIONS / CLARIFICATIONS TO THE PLANS:

Item 4: Clarification. Refer to plans title block on sheet 147 of 220.

Delete the name Tayfun Saglam from the plans.

Item 5: CVWD plans. The following CVWD plans are added and made part of hereby:

- Airport Boulevard Transmission Main Phase III A-1.
Included in this addendum and designated as **Attachment "D"**.
- Force Main and Gravity Sewer Relocation For Airport Boulevard Grade Separation
Included in this addendum and designated as **Attachment "E"**.

Recommended by:



Scott Staley, PE
County Project Manager

Approval:



8/15/13

Khalid Nasim, PE
Engineering Division Manager

Acknowledged:

(Contractor)

Date: _____

JRJ:jrj:rr

ATTACHMENTS

A – Revised Proposal (6 sheets)

**B – CVWD, Airport Boulevard Transmission Main Phase III A-1, Special Provisions
(43 sheets)**

**C – CVWD, Force Main and Gravity Sewer Relocation For Airport Boulevard Grade
Separation, Special Provisions (52 sheets)**

D – CVWD, Airport Boulevard Transmission Main Phase III A-1, Plans (4 sheets)

**E – CVWD, Force Main and Gravity Sewer Relocation For Airport Boulevard Grade
Separation, Plans (6 sheets)**



COUNTY OF RIVERSIDE

TRANSPORTATION AND LAND MANAGEMENT AGENCY



Juan C. Perez, P.E., T.E.
Director

Patricia Romo, P.E.
Assistant Director

Transportation Department

ADDENDUM NUMBER 2

Dated August 28, 2013

**to the
Specifications and Contract Documents
for the construction of**

**Airport Boulevard (Avenue 56)
At Grapefruit Boulevard (Hwy 111) and Union Pacific Railroad
Grade Separation Project
In the Community of Thermal of the Coachella Valley**

Project No. A6-0241, State Project ID: TCIFL-5956(216)

**Bids Due: (REVISED)
Wednesday, September 11, 2013; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780**

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Contractor's Proposal. Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

http://www.rctlma.org/trans/con_bid_advertisements.html

MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

Item 1: The new designated date and time for the receipt and opening of bids is revised as follows:
**Wednesday, September 11, 2013; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780**

Item 2: **Revised Proposal.** Refer to Item No. 1 and Attachment A, "Revised Proposal" in Addendum No. 1. Revised Proposal issued by Addendum No. 1 is deleted and replaced

with revised "Proposal" attached herewith as **Attachment "A"**. The following changes have been made to the Proposal Schedules:

a. The following Bid Item has been deleted:

- Item 116, "DE-MOBILIZATION"

b. The following bid item description and code have been revised:

- Item 118, " MOBILIZATION, DEMOBILIZATION, AND FINAL CLEANUP"

c. The following bid item has been added:

- Item 118.A, "RELATIONS WITH RAILROAD [INCLUDING FLAGGING]"
(Provisions for Section 13 of the Special Provisions will be revised by a subsequent addendum to clarify requirements.)

See Attachment "A"

Item 3: Contractors Pollution Liability Insurance. Refer to Section 4, Insurance and Hold Harmless, pages GC 4 through GC 8 of the General Conditions.

The following is added to Section 4. "Insurance and Hold Harmless":

Contractor shall maintain, during the course of all work under the Contract, "Contractor's Pollution Liability Insurance", with available coverage limit of \$2,000,000 per occurrence, minimum, and shall provide certification. Each of the parties required to be named as additionally insured, as described in the bid documents, shall be named as additionally insured under the Contractor's Pollution Liability line of Insurance. Additionally, all subcontractors working within UPRR Right-of-Way shall comply with these requirements.

Item 4: Partial Payments. Refer to section 5-1.02 "Payments" page 7 through 8 of the Special Provisions. Delete the following Lump Sum item of work from the list on page 7:

G. Mobilization \$970,000

And replace it with the following Lump Sum item or work:

G. Mobilization, Demobilization And Final Cleanup \$1,200,000

Item 5: Mobilization, Demobilization And Final Cleanup. Refer to section 10-1.05 "Demobilization" page 49 of the Special Provisions. Delete Section 10-1.05 "Demobilization" and replace it with the following special provisions:

10-1.05 Mobilization, Demobilization And Final Cleanup

Mobilization shall consist of preparatory work and operations, including, but not limited

to those necessary for the movement of personnel, equipments, supplies and incidentals to the project site and for all other work and operations which must be performed or costs incurred prior to beginning work on the various contract items on the project site.

De-mobilization shall consist of the completion of all final construction and administrative work required to secure the project for termination and acceptance by the Engineer, including, but not limited to the following:

1. Satisfactory completion of Finishing Roadway in accordance with Section 22, "Finishing Roadway" of the Standard Specifications;
2. Removal of all temporary facilities, construction office, temporary utilities, plant, equipment, surplus material, construction debris and similar from project limits and adjacent property, as required and as directed by the Engineer;
3. Restoration of all temporary roads and haul routes and construction storage and office areas, etc. to original or better condition;
4. Completion of record of drawings (as-built), to the satisfaction of the Engineer;
5. Submission of final Disadvantaged Business Enterprise report to the Engineer;
6. Submission of final certified payroll documents to the Engineer;
7. Submission of property owner releases, as required by the Engineer;
8. Completion of the requirements of permits issued by other agencies;
9. Satisfactory completion of all other contractually and legally required construction and administrative items of work.

De-Mobilization shall include the satisfactory completion of all items of work, but shall not be construed as being a separate payment for work that is paid under separate contract items. The De-Mobilization is intended for proper close-out activities.

Method of Payment:

- A. The following schedule will be used to determine measurement of mobilization, demobilization and final cleanup and disbursement of the bid price for mobilization, demobilization and final cleanup:

Percent of Contract work Completed (\$ Expended/ \$ Total Contract Price)	Percent of Mobilization, Demobilization, and Final Cleanup Considered to be Complete (Compensated for)
10% - 20%	40%
21% - 40%	55%
41% - 60%	70%
61% - 80%	85%
Upon Demobilization and Final Cleanup	100%

- B. Payment of Mobilization, Demobilization and Final Cleanup work shall be based upon the lump sum bid price for **"Mobilization, Demobilization and Final Cleanup."** Payment shall constitute full compensation for all labor, material, equipment, and all other items necessary and incidental for completion of this item of work. The deletion for work or the addition of extra work, as provided for herein, shall not affect the price paid for Mobilization, Demobilization, and Final Cleanup.

Item 6: Clarification Kinder Morgan Insurance Requirements. Refer to section 5-1.03, Supplemental Project Information, page 8 of the special provisions.

The Contractor shall comply with the requirements of the document entitled "Kinder Morgan – Guidelines for Design and Construction near Kinder Morgan Hazardous Liquid Operated Facilities". However, insurance requirements numbers 5 and 7 are not applicable to this contract.

The Contractor shall cooperate with the Kinder Morgan inspector. All communication with the Kinder Morgan inspector shall be in the presence of the County's Engineer, who shall be kept informed of any requirements communicated by the Kinder Morgan inspector to the Contractor.

Item 7: Supplemental Project Information. Refer to section 5-1.03, Supplemental Project Information, page 8 of the special provisions. The following additional Supplemental Project Information is available for inspection on the County of Riverside Transportation Department website:

http://www.rctlma.org/trans/con_bid_advertisements.html

- Cross Sections

Item 8: Non Highway Facilities (Including Utilities):

The following information is provided to supplement and clarify Section 5-1.08 "Non-highway facilities (Including Utilities)":

The relocation of conflicting utilities within the project limits is currently anticipated to be performed as follows:

- a. Conflicting CVWD Water facilities are anticipated to be relocated by CVWD prior to December 31, 2013. However, certain work is planned by the utility owner to be performed during construction. CVWD shall be allowed 25 non-exclusive working days for work by CVWD water department forces.
- b. The installation of a 30" water pipeline is anticipated to be performed by the awarded contractor, provided that the alternate bid schedule for that work is chosen for award. However, if the alternate bid schedule is not chosen for award, the utility owner shall be allowed 25 non-exclusive working days for work by CVWD water department forces.

- c. Conflicting CVWD Sewer facilities are anticipated to be performed by the awarded contractor, provided that the alternate bid schedule for that work is chosen for award. However, if the alternate bid schedule is not chosen for award, the utility owner shall be allowed 25 non-exclusive working days for work by CVWD sewer department forces.
- d. Conflicting Verizon Communications facilities are anticipated to be relocated prior to construction. However, if any work by Verizon Communications is unfinished, the utility owner shall be allowed 25 non-exclusive working days for work by Verizon forces.
- e. Conflicting Gas Company facilities are anticipated to be relocated prior to construction. However, if any work by the Gas Company is unfinished, the utility owner shall be allowed 25 non-exclusive working days for work by Gas Company forces.
- f. Conflicting Imperial Irrigation District (IID) facilities are anticipated to be relocated prior to construction. However, if any work by IID is unfinished, the utility owner shall be allowed 25 non-exclusive working days for work by IID forces. Additionally, IID shall be allowed access the project site as necessary in order to perform any work required for, or related to, the provision of electrical service.
- g. Conflicting Level 3 facilities are anticipated to be relocated prior to construction. However, if any work by Level 3 is unfinished, the utility owner shall be allowed 25 non-exclusive working days for work by Level 3 forces
- h. Conflicting Time-Warner Cable facilities are anticipated to be relocated prior to construction. The utility owner's work must necessarily follow the work of IID. However, if any work by Time-Warner Cable is unfinished, the utility owner shall be allowed 5 non-exclusive working days for work by Time-Warner Cable forces
- i. All work within UPRR right-of-way is subject to monitoring by a representative of SFPP / Kinder-Morgan. The Contractor shall coordinate and cooperate with the SFPP / Kinder-Morgan representative as specified in the Special Provisions.

The Contractor shall fully cooperate coordinate with each utility owner and the County's Engineer. Working days listed above may or may not be concurrent. In addition to the working days allowed for each utility owner, the Contractor shall allow an additional 30 working days for incidental work by any utility owner.

MODIFICATIONS / CLARIFICATIONS TO THE PLANS:

Item 9: The following plan sheets are revised by Attachment "B" and made a part hereof:

- Revise "Sidewalk Details 1", sheet 153 of 220, (EB – 2)

See Attachment "B". An electronic copy of this attachment is also for inspection on the County of Riverside Transportation Department website:

http://www.rctlma.org/trans/con_bid_advertisements.html


Item 10: Revision, Clarification. Refer to plan sheet 17 of 220 (C – 3), "Construction Details Removal Plan".

Replace plans note 'REMOVE BUILDINGS' located south of Airport Boulevard at approximately STA 59+00 with note 'REMOVE BUILDINGS (BY OTHERS)'.

Replace plans note 'REMOVE BUILDING (BY OTHERS)' located north of Airport Boulevard at approximately STA 59+00 with note 'REMOVE BUILDINGS'.

The Contractor shall remove the buildings located north of Airport Boulevard; these buildings correspond with contract item No. 38, Demolish Buildings.


This addendum has been prepared under the direction of the following registered Civil Engineer(s):



Joe Gonzalez, P.E.



Recommended by:



Scott Staley, PE
County Project Manager

Concurrence:



Khalid Nasim, PE
Engineering Division Manager

8/28/13

Acknowledged: _____ **Date:** _____
(Contractor)

JRJ:jrr

Note: Refer to Instruction to Bidders Item No. 8, "Addenda". Submission of all pages and attachments of addendum are not necessary for Bid submittal. Submittal of this acknowledgement page is adequate for Bid reception. Bidders are reminded to list addendum number(s) received on the first page of the Bid form (Proposal).

ATTACHMENTS

A – Revised Proposal (6 sheets)

B – Revise Construction Plan Sheet

“Sidewalk Details 1”, sheet 153 of 220, (EB – 2)



COUNTY OF RIVERSIDE

TRANSPORTATION AND LAND MANAGEMENT AGENCY



Juan C. Perez, P.E., T.E.
Director

Patricia Romo, P.E.
Assistant Director

Transportation Department

ADDENDUM NUMBER 3

Dated September 5, 2013

to the
Specifications and Contract Documents
for the construction of

Airport Boulevard (Avenue 56)
At Grapefruit Boulevard (Hwy 111) and Union Pacific Railroad
Grade Separation Project
In the Community of Thermal of the Coachella Valley

Project No. A6-0241, State Project ID: TCIFL-5956(216)

Bids Due: (REVISED by Addendum No. 2)
Wednesday, September 11, 2013; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Contractor's Proposal. Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

http://www.rctlma.org/trans/con_bid_advertisements.html

MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

Item 1: Corrections to the Proposal. Refer to Attachment A, "Revised Proposal", issued by Addendum No. 2. On page 1 of 6, strikethrough bid items No. 1, "TRAFFIC MANAGEMENT PLAN – PUBLIC INFORMATION," and No. 7, "DISPUTES REVIEW BOARD".

Bidders are instructed to strikethrough the rows for bid items No. 5 and 7. In the event that a bidding contractor fails to correct the proposal as directed by this addendum, the total bid price for these items will be deleted and the bid grand total will be adjusted to reflect the updated proposal.

Bid Item Quantity Correction. Refer to Attachment A, "Revised Proposal", issued by Addendum No. 2. On page 2 of 6, bid item No. 46, "DITCH EXCAVATION," of the bid proposal, make the following correction:

- The quantity for bid item No. 46 has been changed from "12,800" to "650".

Bidders are instructed to strikethrough and correct the bid item quantity. This bid item has Cubic Yard (CY) as unit of measurement. In the event that a bidding contractor fails to adjust the bid item quantity as directed by this addendum, the total bid price for this item and the bid grand total will be adjusted to reflect the updated unit bid item quantity of 650 CY.

Item 2: Demolish Building. Refer to Section 10-1.30, Existing Highway Facilities, sub-section Demolish Building, on pages 142 through 143 of the Special Provisions. The following information pertaining to the existing buildings is made available:

The buildings are used for storage. No testing was done inside or outside of the buildings (including asbestos survey). There is no plumbing on either building. There is power to one of the buildings.

- One building is 1,255 square foot climate controlled storage building (painted block exterior, concrete slab foundation, 480 volt power, no plumbing, 1-12' wide x 15' high roll-up door.
- One building is 2,015 square foot metal storage building with rolling metal door.

The property is in use as citrus packing plant.

Item 3: UPRR Freight and Passenger Traffic. The following is the latest information made available to the County pertaining to the daily train traffic.

- 44 Trains per day including Amtrak which runs 6 trains per week.

Item 4: Structure Clearances. Refer to Structure Clearances detail in Exhibit A-1, Detailed Prints, of Appendix D (page 15 of 57).

Note 1 applies to this project. The bridge for this project will be done prior to future tracks.

Item 5: Lightweight Embankment Material (Cellular Concrete). Refer to Section 10-1.34, 'Lightweight Embankment Material (Cellular Concrete)' on pages 147 through 149 of the Special Provisions. The following special provisions are added and made part of hereby:

The Contractor (or subcontractor) shall have prior experience working with Lightweight Embankment Material (Cellular Concrete) and shall provide at least five similar projects

for reference. The project experience shall be for similar type and size of construction.

Item 6: Graffiti Removal and Cleaning. Refer to Section 10-1.11, 'Graffiti Removal and Cleaning' on pages 52 through 54 of the Special Provisions. The following special provisions are added after the last paragraph on page 53 and made part of hereby:

Urgent graffiti will be classified as any graffiti that causes a safety hazard for motorists and affects the traffic flow as determined by the Resident Engineer.

This work will be monitored/controlled by the construction Resident Engineer. The Contractor must coordinate the work with the Resident Engineer during the construction. Payment is included in the contract price paid for construction site management.

Item 7: Subgrade Stabilization. Refer to Section 10-1.33, 'Earthwork' on pages 143 through 147 of the Special Provisions. The following special provisions are added after the fourth paragraph of Section 10-1.33, 'Earthwork', on page 143 and made part of hereby:

Subgrade stabilization shall follow Section 19-2.02, Unsuitable Material, of the Standard Specifications for handling unsuitable material, and it shall be paid for as extra work as described in Section 24, Extra Work, of the General Conditions.

Item 8: Pedestrian Shuttle Service. Refer to Section 10-1.03, 'Order of Work' on pages 47 through 48 of the Special Provisions. The following special provisions pertaining to Pedestrian Shuttle Service are added and made part of hereby:

Pedestrian shuttle service shall be available 4 times per day, 7 days a week.

Compensation for all work listed under "Order of Work" is paid for as described in Section 5-1.05, Order of Work, of the Standard Specifications as follows:

Full compensation for conforming to those requirements will be considered as included in the prices paid for the various contract items of work and no additional compensation will be allowed therefor. No separate payment will be made for pedestrian shuttle service.

Item 9: Railroad Relations and Insurance. Refer to Section 13, Railroad Relations and Insurance, pages 274 through 275 of the Special Provisions. The following Special Provisions are added to Section 13, Railroad Relations and Insurance, and made part of hereby:

The Contractor shall be responsible to coordinate and arrange for flagging services for the project work and/or any required maintenance work from UPRR, as applicable, in accordance with Section 1, Flagging, of the Contractor's Right of Entry Agreement (Appendix D, page 43 of 57).

The railroad will bill the contractor for flagging and inspection services performed by the railroad.

The Contractor's attention is directed to Exhibit C, Railroad's Flagging & Inspection Estimate (Appendix D, page 27 of 57), for estimated flagging days and costs best available information provided to the County.

The work contemplated on Exhibit C-1, Railroad's Material & Force Account Estimate, (Appendix D, page 29 of 57) will be performed by the railroad company. The railroad company will bill the County for this work which mainly includes the removal of railroad gates and panels. The Contractor will be responsible for the removal of the approach roads which will be compensated under the applicable contract items of work.

The following paragraph is added after the last paragraph of Section 13, Railroad Relations and Insurance:

Full compensation for coordination, compliance, flagging and all other aspects of working within the UPRR right of way including obtaining required permits from UPRR, conform to UPRR requirements, cooperation with UPRR, protection of railroad facilities, shall be considered as included in the contract lump sum price paid for Relations with Railroad [Including Flagging] and no additional compensation will be allowed therefor.

Item 10: Project information; Questions and Responses. Question and response information list is available at the County of Riverside Transportation Department website:

http://www.rctlma.org/trans/con_bid_advertisements.html

The downloadable file is provided for reference only. The Contractor Questions and Responses are included with Addendum No. 3 as **Attachment A**. For any discrepancy written on these Questions and Responses sheets, the Contractor shall conform to the contract documents.

Item 11: Utility Relocation and Date of Relocation. Refer to Section 5-1.08, Non Highway Facilities (Including Utilities), page 10 to 13 of the Special Provisions. The following Special Provisions are added to Section 5-1.08, Non Highway Facilities (Including Utilities), and made part of hereby:

Inspection fees to utility owners, including but not limited to IID, SFPP/Kinder-Morgan and Level 3, will be paid by the County of Riverside.

Refer to Item 8 of Addendum No. 2, Non Highway Facilities (Including Utilities). The following Special Provisions are added and made part of hereby:

The term "non-exclusive working days" shall mean working days assigned to a utility company for necessary utility relocation or installation work, which is not exclusive to the utility owner, and during which the Contractor may perform work elsewhere within the project limits, but not in immediate proximity of the work of the utility owner.

Item 12: Signal and Highway Lighting System

Equipment Orders. Refer to Subsection D, Equipment Orders, of Section 10-3, Electrical Systems page 231 of the Special Provisions. Delete the last phrase of the second paragraph on page 231 and replace it with the following phrase:

within sixty (60) calendar days after the approval of all submittals.

Add the following to the list of materials to be ordered:

6. Signal and lighting standards

Refer to Section 5-1.02, Payments, page 7 through 8 of the Special Provisions, Signal and Lighting Standards are the only signal materials considered for partial payments made to the Contractor.

Item 13: Resident Engineer Office. Refer to Section 10-1.02, Resident Engineer's Office, pages 44 through 46 of the Special Provisions. The following Special Provisions are revised or added, and made part of hereby:

The following are revisions to the list of items to be furnished and supplied by the Contractor for the duration of the contract:

- Delete the last sentence of Item 5 and replace it with the following sentence:
Processors must be i7 with a Windows Experience score greater than 6.0 or as approved by the Resident Engineer.
- Delete the whole paragraph in Item 6 and replace it with the following paragraph:
Two color laser printers, HP Color Laserjet Model 2605DN (also known as Q7822A) or approved alternate. At least one Xerox Workcenter 7346 with professional finisher or equivalent multifunction printer capable of printing 11" x 17" at least 40 ppm, fold, staple, and hole punch as approved. The printer and scanner are to be network capable with all computers. Include internet printing and scanning setup for all County furnished laptops and computers. All supplies and necessary maintenance for the use of the above equipment by the Engineer shall be furnished and supplied by the Contractor for the duration of the contract.
- Revise item 15 as follows:
Furnish a 20 CF refrigerator and one microwave oven.
- Add the following sentence to item No. 19:
Also furnish an additional 4G wireless network card.
- Delete the item No. 20 and replace it with the following:
Furnish all office supplies including pens, pencils, highlighters, notepads, (3) multi-outlet power strips, post-it note pads, paper clips, binder clips, rubber bands, staplers, folders, paper shredder, (2) 40 sheet capacity 3-hole puncher, (5) trash cans, copier and printer paper.
- Add item No. 21:

Dry erase whiteboard 4' x 6' or larger and dry erase markers.

- Add item No. 22:
Coffee machine with regular maintenance and delivery of coffee, creamer, sugar and artificial sweeteners.

MODIFICATIONS / CLARIFICATIONS TO THE PLANS:

Item 14: The following plan sheet is revised by Attachment "B" and made a part hereof:

- Revise "Plan & Profile", sheet 13 of 220, (L - 8)

The limits of the driveway improvements ("X" Line) are being extended, refer to plans sheet X-1, sheet 2 of 220, for structural section.

See Attachment "B". An electronic copy of this attachment is also available on the County of Riverside Transportation Department website:

http://www.rctlma.org/trans/con_bid_advertisements.html

Item 15: Revision. Refer to plans sheet 98 of 220 (R – 5), "Retaining Wall No. 5, 6, 7 Typical Section".

Replace the 'TYPE 6A WALL – TYPICAL SECTION' part of the headings of details with:

'TYPE 6B WALL – TYPICAL SECTION'

Item 16: Revision. Refer to sheet 2 of 4 of the CVWD – Airport Boulevard Transmission Main Phase III A-1 plans (Issued by Addendum No. 1, Attachment D)

Delete the note 'INSTALL: 4" AIR/VAC ASSY' located at Stations 5+23 and 15+30 and replace it with:

'INSTALL: 6" AIR/VAC ASSEMBLY' (at both locations)

Addendum No. 3
Airport Boulevard (Avenue 56)
At Grapefruit Boulevard (Hwy 111) and Union Pacific Railroad
Grade Separation Project, In the Community of Thermal of the Coachella Valley
September 5, 2013
Page 7 of 8

This addendum has been prepared under the direction of the following registered Civil Engineer(s):



Joe Gonzalez, P.E.
Items No. 1, 5, 7-10, 14-15




Recommended by:

Signature in File

Scott Staley, PE
County Project Manager

Concurrence:

 9/5/13

Khalid Nasim, PE
Engineering Division Manager

Acknowledged: _____ **Date:** _____
(Contractor)

JRJ:jrj:rr

Note: Refer to Instruction to Bidders Item No. 8, "Addenda". Submission of all pages and attachments of addendum are not necessary for Bid submittal. Submittal of this acknowledgement page is adequate for Bid reception. Bidders are reminded to list addendum number(s) received on the first page of the Bid form (Proposal).

ATTACHMENTS

A – Questions and Responses (7 sheets)

B – Revised Plan Sheet - “Plan and Profile”, sheet 13 of 220, (L – 8)



COUNTY OF RIVERSIDE

TRANSPORTATION AND LAND MANAGEMENT AGENCY



Juan C. Perez, P.E., T.E.
Director

Patricia Romo, P.E.
Assistant Director

Transportation Department

ADDENDUM NUMBER 4

Dated September 6, 2013
to the
Specifications and Contract Documents
for the construction of
Airport Boulevard (Avenue 56)
At Grapefruit Boulevard (Hwy 111) and Union Pacific Railroad
Grade Separation Project
In the Community of Thermal of the Coachella Valley

Project No. A6-0241, State Project ID: TCIFL-5956(216)

Bids Due: Wednesday, September 11, 2013; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Contractor's Proposal. Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

http://www.rctlma.org/trans/con_bid_advertisements.html

MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

Item 1: Corrections to Addendum No. 3. Refer to Addendum No 3, Item 1. Delete and replace the second paragraph with the following:

"Bidders are instructed to strikethrough the rows for bid items No. 5- 1, (TRAFFIC MANAGEMENT PLAN - PUBLIC INFORMATION) and 7 (DISPUTES REVIEW BOARD). No costs are to be proposed for these two bid items. In the event that a bidding contractor fails to correct the proposal as directed by this addendum, the total bid price for these items will be deleted and the bid grand total will be adjusted to reflect the updated proposal."

Prepared by:


Joel Jimenez, PE; Senior Civil Engineer, Contracts/Bidding Unit

Acknowledged: _____ Date: _____
(Contractor)

JRJ:jrb

Riverside County Contract No. 13-10-005

Contract

THIS CONTRACT is entered into at Riverside, California as of the date set forth below is between County of Riverside hereafter called "County" and **Granite Construction Company**, hereafter called "Contractor".

W I T N E S S E T H

Recitals:

1. Contractor has submitted to County his Contractor's Proposal for the construction of County Project, **Airport Boulevard (Avenue 56), At Grapefruit Boulevard (Hwy 111) and Union Pacific Railroad, Grade Separation Project, In the Community of Thermal of the Coachella Valley, Project No. A6-0241, State Project ID: TCIFL- 5956(216)**, in strict accordance with the Contract Documents identified below and County has accepted said Proposal.
2. Contractor states that he has reexamined his Contractor's Proposal and found it to be correct, has ascertained that his subcontractors are properly licensed and possess the requisite skill and forces, has reexamined the site and Contract Documents and is of the opinion that he can presently do the work in accordance with the Contract Documents for the money set forth in his Proposal to be paid as provided in the Contract Documents.

Agreement:

It is agreed by the parties as follows:

1. Contract Documents

The entire Contract consists of the following: (a) The Construction Contract, (b) The Notice Inviting Bids, (c) The Instruction to Bidders, (d) The Bid, (e) The Bid Bond, (f) The Payment Bond, (g) The Performance Bond, (h) The General Conditions, (i) The Special Provisions, (j) The Standard Specifications of the State of California Department of Transportation edition of May **2006** as modified in other portions of the Contract Documents and as amended by the State of California Department of Transportation, (k) The Standard Plans of the Department of Transportation identified on the plans or in the Special Provisions, (l) The Plans, (m) Addenda **(four)**, (n) The Determination of Prevailing Wage Rates for Public Work, (o) Any Change Orders issued, (p) Any additional or supplemental specifications, notice, instructions and drawings issued in accordance with the provisions of the Contract Documents. All of said Documents presently in existence are by this reference incorporated herein with like effect as if here set forth in full and upon the proper issuance of other documents they shall likewise be deemed incorporated. The Bid Bond is exonerated upon execution of this Contract and the Payment Bond and Performance Bond.

2. The Work

Contractor shall do all tasks necessary to construct the work generally described in Recital No. 1 in accordance with the Contract Documents.

3. Liquidated Damages and Time of Completion

Attention is directed to the provisions in Section 8-1.06, "Time of Completion", and in Section 8-1.07 "Liquidated Damages", of the Standard Specifications and these Special Provisions.

Standard Specification Section 8-1.03, "Beginning of Work" is modified to read as follows:

The Contractor shall begin work within fifteen (15) calendar days, or as revised in the Special Provisions, of the date stated within the written "Notice to Proceed".

The Contractor shall notify the Engineer, in writing, of the Contractor's intent to begin work at least 72 hours before work is begun. If the project has more than one (1) location of work, Contractor shall submit a separate notice for each location. The notice shall be delivered to the Transportation Department's Construction Engineer and shall specify the date the Contractor intends to start at said location.

Should the Contractor begin work in advance of receiving a written "Notice to Proceed", any work performed by the Contractor in advance of the date stated in the "Notice to Proceed" shall be considered as having been done by the Contractor at his own risk and as a volunteer and subject to the following:

- A. The Contractor shall, on commencing operations, take all precautions required for public safety and shall observe all the provisions in the Specifications and the Special Provisions.
- B. All work done according to the contract, prior to the issuance of the "Notice to Proceed", will be considered authorized work and will be paid for as provided in the contract.
- C. The Contractor shall not be entitled to any additional compensation or an extension of time for any delay, hindrance or interference caused by or attributable to commencement of work prior to the issuance of the "Notice to Proceed".

4. Compensation

Contractor shall be paid in the manner set forth in the Contract Documents the amount of his Proposal as accepted by County, the above rates, subject to additions and deductions as provided in the Contract Documents. Said Proposal is on file in the Office of the Clerk of the Board of Supervisors of County.

**Airport Boulevard (Avenue 56)
At Grapefruit Boulevard (Hwy 111) and Union Pacific Railroad
Grade Separation Project
In the Community of Thermal of the Coachella Valley
Project No. A6-0241
State Project ID: TCIFL- 5956(216)**

Contract

BASE BID

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
1	066063	TRAFFIC MANAGEMENT PLAN - PUBLIC INFORMATION	LS	1	---	---
2	066102	DUST ABATEMENT	LS	1	30,000.00	30,000.00
3	066105	RESIDENT ENGINEERS OFFICE	LS	1	80,000.00	80,000.00
4	066164	OBLITERATE SURFACING	SQFT	13,500	0.70	9,450.00
5	066610	PARTNERING	LS	1	28,000.00	28,000.00
6	066861	MAINTAIN EXISTING AND TEMPORARY ELECTRICAL SYSTEM	LS	1	70,000.00	70,000.00
7	066920	DISPUTES REVIEW BOARD	LS	1	---	---
8	070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1	500.00	500.00
9	074016	CONSTRUCTION SITE MANAGEMENT	LS	1	80,000.00	80,000.00
10	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	2,000.00	2,000.00
11	074057	STORM WATER ANNUAL REPORT	EA	2	500.00	1,000.00
12	015602	FUNDING AWARENESS SIGN	EA	2	1,200.00	2,400.00
13	120090	CONSTRUCTION AREA SIGNS	LS	1	75,000.00	75,000.00
14	120100	TRAFFIC CONTROL SYSTEM	LS	1	74,894.00	74,894.00
15	120149	TEMPORARY PAVEMENT MARKING (PAINT)	SQFT	320	3.00	960.00
16	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	LF	11,700	0.40	4,680.00
17	120182	PORTABLE DELINEATOR	EA	460	12.00	5,520.00
18	128650	PORTABLE CHANGEABLE MESSAGE SIGN	LS	1	50,000.00	50,000.00
19	129000	TEMPORARY RAILING (TYPE K)	LF	2,540	28.50	72,390.00
20	129100	TEMPORARY CRASH CUSHION MODULE	EA	149	190.00	28,310.00
21	000003	RELOCATE CONDUIT	LF	366	30.00	10,980.00
22	150227	ABANDON PIPELINE	LF	1,140	22.00	25,080.00
23	150608	REMOVE CHAIN LINK FENCE	LF	1,300	6.00	7,800.00

Contract (continued)

BASE BID

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
24	150620	REMOVE GATE	EA	1	500.00	500.00
25	150742	REMOVE ROADSIDE SIGN	EA	25	100.00	2,500.00
26	150806	REMOVE PIPE	LF	6	50.00	300.00
27	150820	REMOVE INLET	EA	8	1,000.00	8,000.00
28	150846	REMOVE CONCRETE PAVEMENT	SQYD	52	25.00	1,300.00
29	152390	RELOCATE ROADSIDE SIGN	EA	19	250.00	4,750.00
30	152440	ADJUST MANHOLE TO GRADE	EA	10	1,200.00	12,000.00
31	152441	ADJUST VALVE BOX FRAME AND COVER TO GRADE	EA	11	850.00	9,350.00
32	153114	COLD PLANE ASPHALT CONCRETE PAVEMENT (.20' MAXIMUM)	SQYD	5,360	2.90	15,544.00
33	153215	REMOVE CONCRETE (CURB AND GUTTER)	LF	1,800	6.00	10,800.00
34	153218	REMOVE CONCRETE SIDEWALK	SQFT	9,350	1.00	9,350.00
35	156579	REMOVE BRIDGE RAILING	LF	382	30.00	11,460.00
36	721007 F	ROCK SLOPE PROTECTION (1/4 TON, METHOD B)	CY	2	700.00	1,400.00
37	160101	CLEARING AND GRUBBING	ACRE	13	3,500.00	45,500.00
38	160132	DEMOLISH BUILDING	LS	1	40,000.00	40,000.00
39	170101	DEVELOP WATER SUPPLY	LS	1	50,000.00	50,000.00
40	190101	ROADWAY EXCAVATION	CY	26,700	10.00	267,000.00
41	192003 F	STRUCTURE EXCAVATION (BRIDGE)	CY	770	50.00	38,500.00
42	192020 F	STRUCTURE EXCAVATION (TYPE D)	CY	281	100.00	28,100.00
43	192037 F	STRUCTURE EXCAVATION (RETAINING WALL)	CY	11,393	15.00	170,895.00
44	193003 F	STRUCTURE BACKFILL (BRIDGE)	CY	1,390	60.00	83,400.00
45	193013 F	STRUCTURE BACKFILL (RETAINING WALL)	CY	14,206	20.00	284,120.00
46	194001	DITCH EXCAVATION	CY	650	14.00	9,100.00
47	198001	IMPORTED BORROW	CY	24,800	11.00	272,800.00
48	198100	LIGHTWEIGHT FILL [CELLULAR CONCRETE 42 PCF]	CY	3,486	50.00	174,300.00
49	198100	LIGHTWEIGHT FILL [CELLULAR CONCRETE 30 PCF]	CY	31,886	38.00	1,211,668.00
50	000003 P-F	6" PVC (SCHEDULE 80)	LF	140	80.00	11,200.00
51	260201	CLASS 2 AGGREGATE BASE	CY	21,600	30.00	648,000.00
52	390132	HOT MIX ASPHALT (TYPE A)	TON	18,600	81.75	1,520,550.00

Contract (continued)

BASE BID

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
53	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	70	5.00	350.00
54	394075	PLACE HOT MIX ASPHALT DIKE (TYPE D)	LF	240	5.00	1,200.00
55	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	90	5.00	450.00
56	490538 P	FURNISH STEEL PILING (HP 14 X 117)	LF	12,332	67.00	826,244.00
57	490539	DRIVE STEEL PILE (HP 14 X 117)	EA	165	2,100.00	346,500.00
58	500001 P	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	1	250,000.00	250,000.00
59	000003 F	PRECAST CONCRETE WALL	SQFT	26,336	40.00	1,053,440.00
60	511035 F	ARCHITECTURAL TREATMENT [AIRPLANE PANEL]	LS	1	125,000.00	125,000.00
61	510051 F	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	592	200.00	118,400.00
62	510053 F	STRUCTURAL CONCRETE, BRIDGE	CY	4,084	440.00	1,796,960.00
63	510060 F	STRUCTURAL CONCRETE, RETAINING WALL	CY	213	700.00	149,100.00
64	510072 F	STRUCTURAL CONCRETE, BARRIER SLAB	CY	676	325.00	219,700.00
65	510086 F	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	179	600.00	107,400.00
66	510502 F	MINOR CONCRETE (MINOR STRUCTURE)	CY	102	1,800.00	183,600.00
67	511064 F	FRACTURED RIB TEXTURE [PRECAST WALLS]	SQFT	17,609	6.00	105,654.00
68	511064 F	FRACTURED RIB TEXTURE [RETAINING WALL (TYPE 1)]	SQFT	1,675	6.00	10,050.00
69	511064 F	FRACTURED RIB TEXTURE [BRIDGE]	SQFT	6,390	10.00	63,900.00
70	519094 P	JOINT SEAL ASSEMBLY (MR 3 1/2")	LF	209	700.00	146,300.00
71	520102 P-F	BAR REINFORCING STEEL (BRIDGE)	LB	1,152,600	0.90	1,037,340.00
72	520103 P-F	BAR REINFORCING STEEL (RETAINING WALL)	LB	14,782	1.50	22,173.00
73	550101 P-F	STRUCTURAL STEEL (SIDEWALK)	LB	17,970	10.00	179,700.00
74	566011	ROADSIDE SIGN - ONE POST	EA	45	300.00	13,500.00
75	601001	RAILROAD TRACK [REMOVE TRACK]	LF	220	47.00	10,340.00
76	650010 P	12" REINFORCED CONCRETE PIPE	LF	41	120.00	4,920.00
77	650014 P	18" REINFORCED CONCRETE PIPE	LF	1,590	104.00	165,360.00
78	650018 P	24" REINFORCED CONCRETE PIPE	LF	990	120.00	118,800.00
79	650026 P	36" REINFORCED CONCRETE PIPE	LF	1,590	195.00	310,050.00
80	000003	JACK AND BORE 48" STEEL CASING	LF	250	1,500.00	375,000.00
81	703450 P	WELDED STEEL PIPE CASING (BRIDGE)	LF	140	275.00	38,500.00

Contract (continued)

BASE BID

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
82	705204	18" CONCRETE FLARED END SECTION	EA	2	2,300.00	4,600.00
83	729010 P	ROCK SLOPE PROTECTION FABRIC	SQYD	4	13.00	52.00
84	017317	MINOR CONCRETE (CROSS-GUTTER AND SPANDREL)	CY	30	400.00	12,000.00
85	731504	MINOR CONCRETE (CURB AND GUTTER)	CY	565	320.00	180,800.00
86	731516	MINOR CONCRETE (DRIVEWAY)	CY	100	360.00	36,000.00
87	731521	MINOR CONCRETE (SIDEWALK)	CY	320	485.00	155,200.00
88	731535	MINOR CONCRETE (BUS PAD)	CY	35	700.00	24,500.00
89	750501 P-F	MISCELLANEOUS METAL (BRIDGE)	LB	312	10.00	3,120.00
90	750505 P-F	BRIDGE DECK DRAINAGE SYSTEM	LB	9,435	7.00	66,045.00
91	018002 P-F	STEEL RAILING FENCE (7', WIRE MESH)	LF	833	260.00	216,580.00
92	018002 P-F	STEEL RAILING FENCE (5', WIRE MESH)	LF	416	220.00	91,520.00
93	018002 P-F	STEEL RAILING FENCE (3')	LF	1,522	100.00	152,200.00
94	800360 P	CHAIN LINK FENCE (TYPE CL-6)	LF	970	25.00	24,250.00
95	802580 P	12' CHAIN LINK GATE (TYPE CL-6)	EA	2	4,000.00	8,000.00
96	839401 F	CONCRETE BARRIER [TYPE 26B MODIFIED]	LF	35	100.00	3,500.00
97	832003 P	METAL BEAM GUARD RAILING (WOOD POST)	LF	90	80.00	7,200.00
98	833088 P-F	TUBULAR HANDRAILING	LF	366	300.00	109,800.00
99	833142 F	CONCRETE BARRIER (TYPE 26 MODIFIED)	LF	1,604	100.00	160,400.00
100	839541 P	TRANSITION RAILING (TYPE WB)	EA	1	500.00	500.00
101	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	1	1,000.00	1,000.00
102	839712	CONCRETE BARRIER (TYPE 60SC)	LF	63	120.00	7,560.00
103	839725 F	CONCRETE BARRIER (TYPE 736)	LF	501	70.00	35,070.00
104	839727 F	CONCRETE BARRIER (TYPE 736 MODIFIED)	LF	626	70.00	43,820.00
105	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	39,800	0.60	23,880.00
106	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	2,300	1.40	3,220.00
107	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	2,100	3.60	7,560.00
108	840526	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 17-7)	LF	5,100	0.45	2,295.00
109	850111 P	PAVEMENT MARKER (RETROREFLECTIVE)	EA	1,040	3.30	3,432.00
110	860201 P	SIGNAL AND LIGHTING [AIRPORT BLVD & POLK ST]	LS	1	195,000.00	195,000.00

Contract (continued)

BASE BID

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
111	860201 P	SIGNAL AND LIGHTING [AIRPORT BLVD & PALM ST)	LS	1	185,000.00	185,000.00
112	860201 P	SIGNAL AND LIGHTING [GRAPEFRUIT BLVD & FRONTAGE RD)	LS	1	150,000.00	150,000.00
113	860201 P	SIGNAL AND LIGHTING [GRAPEFRUIT BLVD & PALM ST)	LS	1	180,000.00	180,000.00
114	860408 P	LIGHTING (STREET)	LS	1	120,000.00	120,000.00
115	860701	INTERCONNECTION CONDUIT AND CONDUCTOR	LS	1	30,000.00	30,000.00
116	000001	ITEM DELETED PER ADDENDUM No. 2	---	---	---	---
117	019902	COURSE OF CONSTRUCTION INSURANCE	LS	1	10,000.00	10,000.00
118	760090	MOBILIZATION, DEMOBILIZATION, AND FINAL CLEAN UP	LS	1	1,200,000.00	1,200,000.00
118.A	066020	RELATIONS WITH RAILROAD [INCLUDING FLAGGING]	LS	1	100,000.00	100,000.00

BASE BID

SUB-

TOTAL: Sixteen million, nine hundred thirty five thousand, three hundred eighty six dollars and zero cents **\$16,935,386.00**

ITEMS 1-118.A

"WORDS"

ALTERNATE BID 1 – CVWD, DOMESTIC WATER TRANSMISSION MAIN PHASE III A-1

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
119	000003	PREMIUM FOR ALL-RISK INSTALLATION FLOATER INSURANCE	LS	1	600.00	600.00
120	000003	WATER TRANSMISSION MAIN MOBILIZATION	LS	1	30,000.00	30,000.00
121	000003	UTILITY POTHOLING	LS	1	20,000.00	20,000.00
122	000003	FURNISH AND INSTALL A 30-INCH DUCTILE IRON DOMESTIC WATER MAIN (POLYETHYLENE ENCASED) (CL-200) WITH RESTRAINED JOINTS, FITTINGS, BENDS, STEEL CASINGS, SPACERS, END PLUGS, SURFACE RESTORATION, AND ALL NECESSARY APPURTENANCES.	LF	1,185	300.00	355,500.00
123	000003	FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY PER CVWD STD W33A	EA	1	10,000.00	10,000.00
124	000003	FURNISH AND INSTALL 30-INCH DUCTILE IRON BUTTERFLY VALVE AND ALL RELATED APPURTENANCES	EA	1	10,000.00	10,000.00
125	000003	FURNISH AND INSTALL 6-INCH COMBINATION AIR RELEASE AND VACUUM VALVE PER PLAN AND ALL RELATED APPURTENANCES	EA	2	12,000.00	24,000.00
126	000003	1-INCH WATER SERVICE WITH POLYMER METER BOX WITH BEE PROOF LID	EA	1	2,000.00	2,000.00

ALTERNATE BID 1

SUB-TOTAL: Four hundred fifty two thousand, one hundred dollars and zero cents **\$ 452,100.00**

ITEMS 119-126

"WORDS"

Contract (continued)

ALTERNATE BID 2 – CVWD, FORCE MAIN AND GRAVITY SEWER RELOCATION

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
127	000003	FURNISH ALL LABOR, MATERIALS AND EQUIPMENT FOR ADEQUATE TRENCH AND EXCAVATION, SHEETING, SHORING AND BRACING IN ACCORDANCE WITH SECTION 6705 AND 6707 OF THE STATE OF CALIFORNIA LABOR CODE (TECHNICAL CONDITION ARTICLE TC-24)	LS	1	10,000.00	10,000.00
128	000003	FURNISH AND INSTALL 8-INCH PVC FORCE MAIN, INCLUDING CONECTIONS TO EXISTING FORCE MAIN, CONCRETE ENCASEMENT, THRUST RESTRAIN, TESTING, TEMPORARY PAVING AND SURFACE RESTORATION NOT INCLUDED IN THE ROAD IMPROVEMENT WORK, FILLING IN-PLACE OR REMOVAL OF PIPING OR STRUCTURES TO BE ABANDONED, FILLING AND ANCILLARY WORK PER PLAN. CONTRACTOR IS REQUIRED TO INSTALL 8-INCH PLUG VALVES ON BOTH SIDES OF THE SIPHONS. PAYMENT FOR THE PLUG VALVE WORK IS INCLUDED HEREIN.	LF	50	1,100.00	55,000.00
129	000003	FURNISH AND INSTALL 6-INCH DUCTILE IRON FORCE MAIN, INCLUDING CONNECTIONS TO EXISTING FORCE MAIN, CONCRETE ENCASEMENT, THRUST RESTRAINT, TESTING, TEMPORARY PAVING AND SURFACE RESTORATION NOT INCLUDED IN THE ROAD IMPROVEMENT WORK, FILLING IN-PLACE OR REMOVAL OF PIPING OR STRUCTURES TO BE ABANDONED, FILLING AND ANCILLARY WORK PER PLAN.	LF	825	150.00	123,750.00
130	000003	SLURRY FILL ANNULAR SPACE BETWEEN EXISTING 24-INCH STEEL CASING AND EXISTING 12-INCH PVC FORCE MAIN TO LIMITS SHOWN ON PLAN.	LF	142	75.00	10,650.00
131	000003	SHUTDOWN AND DEWATERING OF EXISTING FORCE MAIN, INCLUDING EMERGENCY BYPASS EQUIPMENT DURING LS 55-14 SHUTDOWN, OPTIONAL BYPASSING OF LS 55-14 FLOWS, AND DISPOSAL OF DEWATERED SEWAGE.	LS	1	15,000.00	15,000.00
132	000003	RELOCATE EXISTING SEWAGE AIR/VACUUM VALVE ASSEMBLY AND VAULT AND EXTEND 2-INCH SCHEDULE 80 PVC PIPE	EA	1	5,000.00	5,000.00
133	000003	FURNISH AND INSTALL 48-INCH DIAMETER SEWER MANHOLE, INCLUDING DROP CONNECTION, CONNECTIONS TO EXISTING SEWER, LINING AND COATING, TEMPORARY PAVING AND SURFACE RESTORATION NOT INCLUDED IN THE ROAD IMPROVEMENT WORK, AND ANCILLARY WORK PER PLAN.	EA	2	6,000.00	12,000.00
134	000003	FURNISH AND INSTALL 8-INCH PVC SEWER MAIN, INCLUDING TESTING, FILLING IN-PLACE OR REMOVAL OF PIPING AND STRUCTURES TO BE ABANDONED, TEMPORARY PAVING AND SURFACE RESTORATION NOT INCLUDED IN THE ROAD IMPROVEMENT WORK, AND ANCILLARY WORK, PER PLAN.	LF	264	50.00	13,200.00
135	000003	FURNISH AND INSTALL 4-INCH AND 6-INCH PVC LATERALS, INCLUDING CLEANOUTS, CONNECTION TO EXISTING LATERAL, TEMPORARY PAVING AND SURFACE RESTORATION NOT INCLUDED IN THE ROAD IMPROVEMENT WORK, AND ANCILLARY WORK PER PLAN.	LF	182	80.00	14,560.00

ALTERNATE BID 2

SUB-TOTAL: Two hundred fifty nine thousand, one hundred sixty dollars and zero cents **\$ 259,160.00**

ITEMS 127-135 "WORDS"

Contract (continued)

PROJECT	Seventeen million, six hundred forty six thousand, six hundred forty six dollars and zero	
TOTAL	cents	<u>\$17,646,646.00</u>
ITEMS 1-135	"WORDS"	

**Airport Boulevard (Avenue 56)
At Grapefruit Boulevard (Hwy 111) and Union Pacific Railroad
Grade Separation Project
In the Community of Thermal of the Coachella Valley
Project No. A6-0241
State Project ID: TCIFL- 5956(216)**

IN WITNESS WHEREOF the parties hereto have executed this Contract as of the date set forth below.

COUNTY OF RIVERSIDE

GRANITE CONSTRUCTION COMPANY

BY: _____

Chairman, Board of Supervisors

BY:  _____
Jigisha Desai

TITLE: Vice President
(If Corporation, affix Seal)

DATED: _____

ATTEST:

Kecia Harper-Ihem, Clerk of the Board

ATTEST:

BY:  _____
Kenneth M. Smith

TITLE: Assistant Secretary

BY: _____

Deputy

FORM APPROVED COUNTY COUNSEL

BY:  _____
NEAL R. KIPNIS DATE

Licensed in accordance with an act providing
for the registration of Contractors,

License No. 89

Federal Employer Identification Number:

94-0519552

BY _____

"County"

"Corporation"
(Seal)

GRANITE CONSTRUCTION COMPANY

CERTIFICATE OF SECRETARY

I, Richard A. Watts, Secretary of GRANITE CONSTRUCTION COMPANY, a California corporation (the "Company"), do hereby certify that the following is a true and correct copy of resolutions duly adopted on September 11, 2013 by a Unanimous Written Consent of the Board of Directors in accordance with the provisions of Article III, Section 9 of the Bylaws of the Company; that the Directors acting were duly and regularly elected; and that the resolutions adopted have not been repealed and are still in full force and effect:

AUTHORIZATION TO EXECUTE DOCUMENTS AND AGREEMENTS

RESOLVED, that the below listed officers are authorized to execute and deliver on behalf of the Company all documents, agreements and undertakings required in connection with construction contract formation and operations of the Company:

James H. Roberts	President & Chief Executive Officer
Laurel J. Krzeminski	Senior Vice President, Chief Financial Officer & Assistant Secretary
Thomas S. Case	Senior Vice President, Operations Services Manager & Assistant Secretary
Philip M. DeCocco	Senior Vice President of Human Resources & Assistant Secretary
Michael F. Donnino	Senior Vice President, Group Manager & Assistant Secretary
Martin P. Matheson	Senior Vice President, Group Manager & Assistant Secretary
James D. Richards	Senior Vice President, Group Manager & Assistant Secretary
Richard A. Watts	Senior Vice President, General Counsel, Corporate Compliance Officer & Secretary
Jigisha Desai	Vice President, Treasurer, Assistant Financial Officer & Assistant Secretary
Bradley G. Graham	Vice President, Controller, Assistant Financial Officer & Assistant Secretary
Kent H. Marshall	Vice President, Development & Strategy & Assistant Secretary
Nicholas B. Blackburn	Director of Corporate Taxation & Assistant Secretary

RESOLVED FURTHER, that the authority provided for herein shall be in accordance with applicable policies, procedures and limits of authority previously approved and the Granite Construction Incorporated Delegation of Authority and Policy then in effect.

AUTHORIZATION TO ATTEST DOCUMENTS AND AGREEMENTS

RESOLVED, that the below listed officers are authorized to attest documents, agreements and undertakings required in connection with construction contract formation and operations of the Company:

James H. Roberts	President & Chief Executive Officer
Laurel J. Krzeminski	Senior Vice President, Chief Financial Officer & Assistant Secretary
Thomas S. Case	Senior Vice President, Operations Services Manager & Assistant Secretary
Philip M. DeCocco	Senior Vice President of Human Resources & Assistant Secretary
Michael F. Donnino	Senior Vice President, Group Manager & Assistant Secretary
Martin P. Matheson	Senior Vice President, Group Manager & Assistant Secretary
James D. Richards	Senior Vice President, Group Manager & Assistant Secretary
Richard A. Watts	Senior Vice President, General Counsel, Corporate Compliance Officer & Secretary
Jigisha Desai	Vice President, Treasurer, Assistant Financial Officer & Assistant Secretary
Kent H. Marshall	Vice President, Development & Strategy & Assistant Secretary
Bradley G. Graham	Vice President, Controller, Assistant Financial Officer & Assistant Secretary
Nicholas B. Blackburn	Director of Corporate Taxation & Assistant Secretary
Kenneth M. Smith	Group Counsel & Assistant Secretary
Jason M. Jasper	Group Counsel & Assistant Secretary
Heather J. Lenhardt	Group Counsel & Assistant Secretary

Dated: September 11, 2013



Richard A. Watts

Performance Bond

Recitals:

1. **Granite Construction Company** (Contractor) has entered into an Agreement with COUNTY OF RIVERSIDE (County) for construction of public work known as **Airport Boulevard (Avenue 56), At Grapefruit Boulevard (Hwy 111) and Union Pacific Railroad, Grade Separation Project, In the Community of Thermal of the Coachella Valley, Project No. A6-0241, State Project ID: TCIFL-5956(216).**
2. _____, a _____ corporation (Surety),
is the Surety under this Bond.

Agreement:

We, Contractor as Principal and Surety as Surety, jointly and severally agree, state, and are bound unto County, as obligee, as follows:

1. The amount of the obligation of this Bond is 100% of the estimated contract price for the Project of **\$17,646,646.00 (Seventeen million, six hundred forty six thousand, six hundred forty six dollars and zero cents)** and inures to the benefit of County.
2. This Bond is exonerated by Contractor doing all things to be kept and performed by it in strict conformance with the Contract Documents for this project, otherwise it remains in full force and effect for the recovery of loss, damage and expense of County resulting from failure of Contractor to so act. All of said Contract Documents are incorporated herein.
3. This obligation is binding on our successors and assigns.
4. For value received, Surety stipulates and agrees that no change, time extension, prepayment to Contractor, alteration or addition to the terms and requirements of the Contract Documents or the work to be performed thereunder shall affect its obligations hereunder and waives notice as to such matters, except the total contract price cannot be increased by more than 10% without approval of Surety.

THIS BOND is executed as of _____.

By _____

By _____

By _____

Type Name _____

Its Attorney in Fact
"Surety"

Title _____

"Contractor"

(Corporate Seal)

(Corporate Seal)

NOTE: This Bond must be executed by both parties with corporate seal affixed. All signatures must be acknowledged. (Attach acknowledgements).

Payment Bond

(Public Works - Civil Code §9550 et seq.)

The makers of this Bond are **Granite Construction Company** as Principal and Original Contractor and _____, a corporation, authorized to issue Surety Bonds in California, as Surety, and this Bond is issued in conjunction with that certain public works contract to be executed between Principal and COUNTY OF RIVERSIDE a public entity, as Owner, for **\$17,646,646.00 (Seventeen million, six hundred forty six thousand, six hundred forty six dollars and zero cents)**, the total amount payable. The amount of this bond is one hundred percent (100%) of said sum. Said contract is for public work generally consisting of **Airport Boulevard (Avenue 56), At Grapefruit Boulevard (Hwy 111) and Union Pacific Railroad, Grade Separation Project, In the Community of Thermal of the Coachella Valley, Project No. A6-0241, State Project ID: TCIFL- 5956(216).**

The beneficiaries of this Bond are as is stated in 9554 of the Civil Code and requirements and conditions of this Bond are as is set forth in 9554, 9558, 9560 and 9564 of said code. Without notice, Surety consents to extension of time for performance, change in requirements, amount of compensation, or prepayment under said contract.

Dated: _____

Original Contractor – Principal

Surety

By _____

By _____

Its Attorney In Fact

Title _____

(If corporation, affix seal)

(Corporate Seal)

(Corporate Seal)

STATE OF _____ }
COUNTY OF _____ }

ss. SURETY'S ACKNOWLEDGEMENT

On _____ before me, _____ personally appeared, _____, known to me, or proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacities, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

Notary Public (Seal)

NOTE: This Bond must be executed by both parties with corporate seal affixed. All signatures must be acknowledged. (Attach acknowledgements).

Premium: \$82,339.00

Bond Nos.: 82329713 Federal
105983437 Travelers
09131897 F&D

Performance Bond

Recitals:

1. **Granite Construction Company** (Contractor) has entered into an Agreement with COUNTY OF RIVERSIDE (County) for construction of public work known as **Airport Boulevard (Avenue 56), At Grapefruit Boulevard (Hwy 111) and Union Pacific Railroad, Grade Separation Project, In the Community of Thermal of the Coachella Valley, Project No. A6-0241, State Project ID: TCIFL-5956(216).**

2. **Federal Insurance Company***, a n **Indiana**** corporation (Surety), is the Surety under this Bond.

*Travelers Casualty and Surety Company of America

Fidelity and Deposit Company of Maryland, Jointly and Severally Liable

**Connecticut, Maryland respectively

Agreement:

We, Contractor as Principal and Surety as Surety, jointly and severally agree, state, and are bound unto County, as obligee, as follows:

1. The amount of the obligation of this Bond is 100% of the estimated contract price for the Project of **\$17,646,646.00 (Seventeen million, six hundred forty six thousand, six hundred forty six dollars and zero cents)** and inures to the benefit of County.
2. This Bond is exonerated by Contractor doing all things to be kept and performed by it in strict conformance with the Contract Documents for this project, otherwise it remains in full force and effect for the recovery of loss, damage and expense of County resulting from failure of Contractor to so act. All of said Contract Documents are incorporated herein.
3. This obligation is binding on our successors and assigns.
4. For value received, Surety stipulates and agrees that no change, time extension, prepayment to Contractor, alteration or addition to the terms and requirements of the Contract Documents or the work to be performed thereunder shall affect its obligations hereunder and waives notice as to such matters, except the total contract price cannot be increased by more than 10% without approval of Surety.

THIS BOND is executed as of **September 26, 2013**

Granite Construction Company

By

Jagisha Desai

ATTEST:

By

Kenneth M. Smith

Federal Insurance Company*

By

Type Name **Ashley Stinson**

Its Attorney in Fact
"Surety"

Title **Vice President / Assistant Secretary**

"Contractor"

(Corporate Seal)

(Corporate Seal)

NOTE: This Bond must be executed by both parties with corporate seal affixed. All signatures must be acknowledged. (Attach acknowledgements).

Executed in 2 Counterparts

ACKNOWLEDGMENT

State of California
County of Santa Cruz)

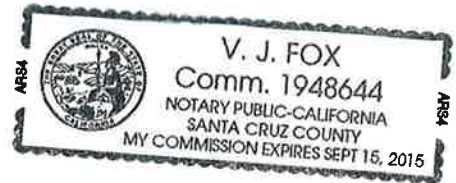
On September 26, 2013 before me, V.J. Fox, Notary Public
(insert name and title of the officer)

personally appeared Jigisha Desai, Kenneth M Smith and Ashley Stinson,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

WITNESS my hand and official seal.

Signature  (Seal)
V.J. Fox, Notary Public



Payment Bond

(Public Works - Civil Code §9550 et seq.)

The makers of this Bond are **Granite Construction Company** as Principal and Original Contractor and **Federal Insurance Company***, a corporation, authorized to issue Surety Bonds in California, as Surety, and this Bond is issued in conjunction with that certain public works contract to be executed between Principal and COUNTY OF RIVERSIDE a public entity, as Owner, for **\$17,646,646.00 (Seventeen million, six hundred forty six thousand, six hundred forty six dollars and zero cents)**, the total amount payable. The amount of this bond is one hundred percent (100%) of said sum. Said contract is for public work generally consisting of **Airport Boulevard (Avenue 56), At Grapefruit Boulevard (Hwy 111) and Union Pacific Railroad, Grade Separation Project, In the Community of Thermal of the Coachella Valley, Project No. A6-0241, State Project ID: TCIFL- 5956(216).**

The beneficiaries of this Bond are as is stated in 9554 of the Civil Code and requirements and conditions of this Bond are as is set forth in 9554, 9558, 9560 and 9564 of said code. Without notice, Surety consents to extension of time for performance, change in requirements, amount of compensation, or prepayment under said contract.

Dated: 09/26/2013Granite Construction Company

Original Contractor – Principal

Federal Insurance Company*

Surety

By

**Ashley Stinson**

Its Attorney In Fact

(Corporate Seal)

By



Jigisha Desai

Title Vice President

(If corporation, affix seal)

(Corporate Seal)

STATE OF _____

COUNTY OF _____

SEE ATTACHED

} ss. SURETY'S ACKNOWLEDGEMENT

On _____ before me, _____ personally appeared, _____, known to me, or proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacities, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public_____
Notary Public (Seal)

NOTE: This Bond must be executed by both parties with corporate seal affixed. All signatures must be acknowledged. (Attach acknowledgements).

*Travelers Casualty and Surety Company of America

Fidelity and Deposit Company of Maryland, Jointly and Severally Liable

**Connecticut, Maryland respectively

Executed in 2 Counterparts

ACKNOWLEDGMENT

State of California
County of Santa Cruz)

On September 26, 2013 before me, V.J. Fox, Notary Public
(insert name and title of the officer)

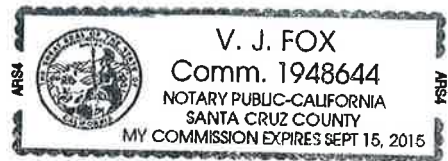
personally appeared Jigisha Desai and Ashley Stinson
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

WITNESS my hand and official seal.

Signature 
V.J. Fox, Notary Public

(Seal)





**Chubb
Surety**

**POWER
OF
ATTORNEY**


**Federal Insurance Company
Vigilant Insurance Company
Pacific Indemnity Company**

**Attn: Surety Department
15 Mountain View Road
Warren, NJ 07059**

Know All by These Presents, That **FEDERAL INSURANCE COMPANY**, an Indiana corporation, **VIGILANT INSURANCE COMPANY**, a New York corporation, and **PACIFIC INDEMNITY COMPANY**, a Wisconsin corporation, do each hereby constitute and appoint **Jigisha Desai, John D. Gilliland, Catherine Gustavson, Cynthia P. Johnson, Kathleen Schreckengost, Ashley Stinson and Lillian Tse** of Watsonville, California

each as their true and lawful Attorney- In- Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business on behalf of Granite Construction Incorporated and all Subsidiaries alone or in joint venture in connection with bids, proposals or contracts to or with the United States of America, any State or political subdivision thereof or any person, firm or corporation. And the execution of such bond or obligation by such Attorney- In- Fact in the Company's name and on its behalf as surety thereon or otherwise, under its corporate seal, in pursuance of the authority hereby conferred shall, upon delivery thereof, be valid and binding upon the Company.

In Witness Whereof, said **FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY** have each executed and attested these presents and affixed their corporate seals on this **10th** day of **April, 2013**.


Dawn M. Chloros, Assistant Secretary

STATE OF NEW JERSEY

ss.

County of Somerset

On this **10th** day of **April, 2013** before me, a Notary Public of New Jersey, personally came Dawn M. Chloros, to me known to be Assistant Secretary of **FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY**, the companies which executed the foregoing Power of Attorney, and the said Dawn M. Chloros, being by me duly sworn, did depose and say that he is Assistant Secretary of **FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY** and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By- Laws of said Companies; and that he signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that he is acquainted with David B. Norris, Jr., and knows him to be Vice President of said Companies; and that the signature of David B. Norris, Jr., subscribed to said Power of Attorney is in the genuine handwriting of David B. Norris, Jr., and was thereto subscribed by authority of said By- Laws and in deponent's presence.

Notarial Seal



**KATHERINE J. ADELAAR
NOTARY PUBLIC OF NEW JERSEY
No 2316685
Commission Expires July 16, 2014**


Notary Public

CERTIFICATION

Extract from the By- Laws of **FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY**:

"All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the President or a Vice President or an Assistant Vice President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved, printed or lithographed. The signature of each of the following officers: Chairman, President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Assistant Secretaries or Attorneys- In- Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached."

I, Dawn M. Chloros, Assistant Secretary of **FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY** (the "Companies") do hereby certify that

- (i) the foregoing extract of the By- Laws of the Companies is true and correct,
- (ii) the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U.S. Treasury Department; further, Federal and Vigilant are licensed in Puerto Rico and the U.S. Virgin Islands, and Federal is licensed in American Samoa, Guam, and each of the Provinces of Canada except Prince Edward Island; and
- (iii) the foregoing Power of Attorney is true, correct and in full force and effect

Given under my hand and seals of said Companies at Warren, NJ this

September 26, 2013




Dawn M. Chloros, Assistant Secretary

IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT ADDRESS LISTED ABOVE, OR BY Telephone (908) 903- 3493 Fax (908) 903- 3656 e-mail: surety@ chubb.com



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In-Fact No. **226331**

KNOW ALL MEN BY THESE PRESENTS: That St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company and St. Paul Mercury Insurance Company are corporations duly organized under the laws of the State of Minnesota, that Farmington Casualty Company, Travelers Casualty and Surety Company, and Travelers Casualty and Surety Company of America are corporations duly organized under the laws of the State of Connecticut, that United States Fidelity and Guaranty Company is a corporation duly organized under the laws of the State of Maryland, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc. is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **John D. Gilliland, Jigisha Desai, Cynthia P. Johnson, Kathleen Schreckengost, Catherine Gustavson, Ashley Stinson, and Lillian Tse** of the City of **Watsonville**, State of **California**, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

This Power of Attorney is limited to bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof for Granite Construction Incorporated and all subsidiaries and affiliates, alone or in joint venture.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 14th day of March, 2013.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut

City of Hartford ss.

By:


Robert L. Raney, Senior Vice President

On this the 14th day of March, 2013, before me personally appeared George W. Thompson, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.

My Commission expires the 30th day of June, 2016.




Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kori M. Johanson, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this **September 26, 2013**



Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by **Geoffrey Delisio, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **Jigisha DESAI, Catherine GUSTAVSON, Cynthia P. JOHNSON, Kathleen SCHRECKENGOST, John D. GILLILAND, Ashley STINSON and Lillian TSE**, each its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings, issued on behalf of Granite Construction Incorporated, Watsonville, California and all subsidiaries alone or in a joint venture** and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND**, this 1st day of **March**, A.D. 2013.



Geoffrey Delisio

By: _____
Vice President – Geoffrey Delisio

Gerald F. Haley

By: _____
Assistant Secretary – Gerald F. Haley

State of Maryland
County of Baltimore

On this 1st day of **March**, A.D. 2013, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Geoffrey Delisio, Vice President and Gerald F. Haley, Assistant Secretary** of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, depose and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.



Constance A. Dunn

By: _____
Constance A. Dunn - Notary Public
My Commission Expires: July 14, 2015

EXTRACT FROM BY-LAWS OF THE COMPANIES

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify or revoke any such appointment or authority at any time."

CERTIFICATE

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

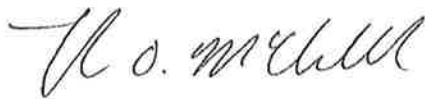
RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies,

This **September 26, 2013**



Thomas O. McClellan, Vice President



Company Profile

FEDERAL INSURANCE COMPANY

15 MOUNTAIN VIEW ROAD

WARREN, NJ 07061-1615

800-252-4670

Agent for Service of Process

NANCY FLORES, C/O CT CORPORATION SYSTEM 818 WEST SEVENTH STREET LOS ANGELES, CA 90017

Unable to Locate the Agent for Service of Process?

Reference Information

NAIC #:	20281
NAIC Group #:	<u>0038</u>
California Company ID #:	0059-6
Date authorized in California:	December 18, 1902
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	INDIANA

Lines of Insurance Authorized to Transact

The company is authorized to transact business within these lines of insurance. For an explanation of any of these terms, please refer to the glossary.

AIRCRAFT
AUTOMOBILE
BOILER AND MACHINERY
BURGLARY
COMMON CARRIER LIABILITY
CREDIT
DISABILITY
FIRE
LIABILITY
MARINE
MISCELLANEOUS
PLATE GLASS
SPRINKLER
SURETY
TEAM AND VEHICLE
WORKERS' COMPENSATION

Company Complaint Information

[Company Enforcement Action Documents](#)

[Company Performance & Comparison Data](#)

[Composite Complaint Studies](#)

Want More?

[Help Me Find a Company Representative in My Area](#)

Company Profile

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA

ONE TOWER SQUARE
HARTFORD, CT 06183

Former Names for Company

Old Name: AETNA CASUALTY & SURETY COMPANY OF AMERICA

Effective Date: 07-01-1997

Agent for Service of Process

KAREN HARRIS, C/O CORPORATION SERVICE COMPANY 2710 GATEWAY OAKS DRIVE, SUITE 150N SACRAMENTO, CA 95833-3505

Unable to Locate the Agent for Service of Process?

Reference Information

NAIC #:	31194
NAIC Group #:	<u>3548</u>
California Company ID #:	2444-8
Date authorized in California:	July 31, 1981
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	CONNECTICUT

Lines of Insurance Authorized to Transact

The company is authorized to transact business within these lines of insurance. For an explanation of any of these terms, please refer to the [glossary](#).

AIRCRAFT
AUTOMOBILE
BOILER AND MACHINERY
BURGLARY
COMMON CARRIER LIABILITY
CREDIT
DISABILITY
FIRE
LIABILITY
MARINE
MISCELLANEOUS
PLATE GLASS
SPRINKLER
SURETY
TEAM AND VEHICLE
WORKERS' COMPENSATION

Company Complaint Information

[Company Enforcement Action Documents](#)
[Company Performance & Comparison Data](#)
[Composite Complaint Studies](#)

Want More?

[Help Me Find a Company Representative in My Area](#)

Last Revised - November 10, 2012 10:58 AM
Copyright © California Department of Insurance

Company Profile

FIDELITY AND DEPOSIT COMPANY OF MARYLAND

1400 AMERICAN LANE, 19TH FLOOR TOWER 1
SCHUAMBURG, IL 60196-1056
800-382-2150

Agent for Service of Process

KAREN HARRIS, C/O CORPORATION SERVICE COMPANY 2710 GATEWAY OAKS DRIVE, SUITE 150N SACRAMENTO, CA 95833-3505
Unable to Locate the Agent for Service of Process?

Reference Information

NAIC #:	39306
NAIC Group #:	<u>0212</u>
California Company ID #:	2479-4
Date authorized in California:	January 01, 1982
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	MARYLAND

Lines of Insurance Authorized to Transact

The company is authorized to transact business within these lines of insurance. For an explanation of any of these terms, please refer to the glossary.

AIRCRAFT
AUTOMOBILE
BOILER AND MACHINERY
BURGLARY
CREDIT
FIRE
LIABILITY
MARINE
MISCELLANEOUS
PLATE GLASS
SPRINKLER
SURETY
TEAM AND VEHICLE
WORKERS' COMPENSATION

Company Complaint Information

Company Enforcement Action Documents
Company Performance & Comparison Data
Composite Complaint Studies

Want More?

Help Me Find a Company Representative in My Area



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/08/2013

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER LIC #0G62759 1-415-486-7000
Aon Risk Insurance Services West, Inc.
199 Fremont Street, Suite 1500
San Francisco, CA 94105

CONTACT

NAME:

PHONE
(A/C, No, Ext):FAX
(A/C, No):E-MAIL
ADDRESS:**INSURER(S) AFFORDING COVERAGE**

NAIC #

INSURER A: VALLEY FORGE INS CO

20508

INSURER B: CONTINENTAL CAS CO

20443

INSURER C:

INSURER D:

INSURER E:

INSURER F:

INSURED
GRANITE CONSTRUCTION COMPANY
P. O. BOX 50085
Watsonville, CA 95077

COVERAGES

CERTIFICATE NUMBER: 36303626

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liability <input checked="" type="checkbox"/> XCU Hazards GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	X	X	GL 2074978689	10/01/12	10/01/15	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 2,000,000 MED EXP (Any one person) \$ NIL PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 10,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> Contractual <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	X	X	BUA 2074978692	10/01/12	10/01/15	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$			L2068209453	10/01/13	10/01/14	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 9,000,000 FOLLOW FORM \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		X	WC 274978630 WC 274978644 (AOS)	10/01/12 10/01/12	10/01/15 10/01/15	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 2,000,000 E.L. DISEASE - EA EMPLOYEE \$ 2,000,000 E.L. DISEASE - POLICY LIMIT \$ 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

2250 416433 County of Riverside, Airport Boulevard (Avenue 56) at Grapefruit Boulevard (Hwy 111)
And Union Pacific Railroad, Grade Separation Project in the Community of Thermal of the Coachella Valley. Project No. A6-0241, State Projec ID: TCIFL-5956(216)
Thirty (30) days written notice shall be given to the County prior to any material modification, cancellation, expiration, or reduction in coverage of insurance. The Umbrella Liability policy follows form.

GL PER ISO FORM CG0001 10/01; AL PER ISO FORM CA0001 03/10 Revised 10/01/13

CERTIFICATE HOLDER

2250 416433
County of Riverside
3525 14th Street
Riverside, CA 92501
USA

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

© 1988-2010 ACORD CORPORATION. All rights reserved.

SUPPLEMENT TO CERTIFICATE OF INSURANCE

DATE

10/08/2013

NAME OF INSURED: GRANITE CONSTRUCTION COMPANY

State of California, Transportation Department (Caltrans), its directors, officers, elected and appointed officials, employees, agents and representatives.

Union Pacific Railroad (UPRR) its directors, officers, elected and appointed officials, employees, agents and representatives.

Coachella Valley Water District (CVWD) its directors, officers, elected and appointed officials, employees, agents and representatives

Coachella Valley Association of Governments (CVAG), its directors officers, elected and appointed officials, employees, agents and representatives

Level 3 Communication, its director officers, elected and appointed officials, employees agents and representatives.

Kinder Morgan, its directors officers, elected and appointed officials, employees, agents and representatives.



THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.
BLANKET ADDITIONAL INSURED - OWNERS, LESSEES OR CONTRACTORS
- WITH PRODUCTS-COMPLETED OPERATIONS COVERAGE

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE (OPTIONAL)

Name of Additional Insured Persons Or Organizations
(As required by "written contract" per Paragraph A. below.) The insurance afforded to the additional insured only applies to the extent permitted by law.

Locations of Covered Operations
(As per the "written contract," provided the location is within the "coverage territory" of this Coverage Part.)

- A. Section II - Who Is An Insured** is amended to include as an additional insured:
1. Any person or organization whom you are required by "written contract" to add as an additional insured on this Coverage Part; and
 2. The particular person or organization, if any, scheduled above.
- B. The insurance provided to the additional insured is limited as follows:**
1. The person or organization is an additional insured only with respect to liability for "bodily injury," "property damage," or "personal and advertising injury" caused in whole or in part by:
 - a. Your acts or omissions; or
 - b. The acts or omissions of those acting on your behalfin the performance of your ongoing operations specified in the "written contract"; or
 - c. "Your work" that is specified in the "written contract" but only for "bodily injury" or "property damage" included in the "products-completed operations hazard," and only if:
 - (1) The "written contract" requires you to provide the additional insured such coverage; and
 - (2) This Coverage Part provides such coverage.
2. We will not provide the additional insured any broader coverage or any higher limit of insurance than the least that is:
 - a. Required by the "written contract";
 - b. Described in **B.1.** above; or
 - c. Afforded to you under this policy.
 3. This insurance is excess of all other insurance available to the additional insured whether on a primary, excess, contingent or any other basis. But if required by the "written contract," this insurance will be primary and non-contributory relative to insurance on which the additional insured is a Named Insured.
 4. The insurance provided to the additional insured does not apply to "bodily injury," "property damage," or "personal and advertising injury arising out of:
 - a. The rendering of, or the failure to render, any professional architectural, engineering, or surveying services, including:
 - (1) The preparing, approving, or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; and
 - (2) Supervisory, inspection, architectural or engineering activities; or
 - b. Any premises or work for which the additional insured is specifically listed as an



additional insured on another endorsement attached to this Coverage Part.

C. SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS is amended as follows:

1. The **Duties In The Event of Occurrence, Offense, Claim or Suit** condition is amended to add the following additional conditions applicable to the additional insured:

An additional insured under this endorsement will as soon as practicable:

- (1) Give us written notice of an "occurrence" or an offense which may result in a claim or "suit" under this insurance, and of any claim or "suit" that does result;
- (2) Except as provided in Paragraph B.3 of this endorsement, agree to make available any other insurance the additional insured has for a loss we cover under this Coverage Part;
- (3) Send us copies of all legal papers received, and otherwise cooperate with us in the investigation, defense, or settlement of the claim or "suit"; and
- (4) Tender the defense and indemnity of any claim or "suit" to any other insurer or self insurer whose policy or program applies to a loss we cover under this Coverage Part. But if the "written contract" requires this insurance to be primary and non-contributory, this provision (4) does not apply to insurance on which the additional insured is a Named Insured.

We have no duty to defend or indemnify an additional insured under this endorsement until we receive from the additional insured written notice of a claim or "suit."

2. With respect only to the insurance provided by this endorsement, the first sentence of Paragraph 4.a. of the Other Insurance Condition is deleted and replaced with the following:

4. Other Insurance

a. Primary Insurance

This insurance is primary and non-contributory except when rendered excess by endorsement G-140331-C, or when Paragraph b. below applies.

- D. Only for the purpose of the insurance provided by this endorsement, **SECTION V – DEFINITIONS** is amended to add the following definition:

"Written contract" means a written contract or written agreement that requires you to make a person or organization an additional insured on this Coverage Part, provided the contract or agreement:

1. Is currently in effect or becomes effective during the term of this policy; and
2. Was executed prior to:
 - a. The "bodily injury" or "property damage"; or
 - b. The offense that caused the "personal and advertising injury"

for which the additional insured seeks coverage under this Coverage Part.

G-140331-C
(Ed. 10/10)

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Page 2 of 2

Notice of Cancellation

In the event of cancellation or material change that reduces or restricts the insurance afforded by the General Liability Coverage Form, the Company agrees to mail prior written notice of cancellation or material change to the person or organization named in the Schedule.

Schedule

Name: Any person or organization the named insured is required by written contract or agreement to mail prior written notice of cancellation or material change.

Number of days advance notice

10 (or 20 if in Alaska) days notice for non-payment of premium or

60 (or fewer, as required by written contract) days notice for any other reason

Waiver of Subrogation

The Company waives any right of subrogation against any additional insured because of payments the Company makes for injury or damage arising out of operations performed for such additional insured by the named insured but, only if a written contract requires such a waiver.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**DESIGNATED CONSTRUCTION PROJECT(S)
GENERAL AGGREGATE LIMIT**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Designated Construction Project(s):

PROJECTS WHERE REQUIRED BY WRITTEN CONTRACT

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

- A.** For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section I – Coverage **A**, and for all medical expenses caused by accidents under Section I – Coverage **C**, which can be attributed only to ongoing operations at a single designated construction project shown in the Schedule above:
1. A separate Designated Construction Project General Aggregate Limit applies to each designated construction project, and that limit is equal to the amount of the General Aggregate Limit shown in the Declarations.
 2. The Designated Construction Project General Aggregate Limit is the most we will pay for the sum of all damages under Coverage **A**, except damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard," and for medical expenses under Coverage **C** regardless of the number of:
 - a. Insureds;
 - b. Claims made or "suits" brought; or
 - c. Persons or organizations making claims or bringing "suits."
 3. Any payments made under Coverage **A** for damages or under Coverage **C** for medical expenses shall reduce the Designated Construction Project General Aggregate Limit for that designated construction project. Such payments shall not reduce the General Aggregate Limit shown in the Declarations nor shall they reduce any other Designated Construction Project General Aggregate Limit for any other designated construction project shown in the Schedule above.
 4. The limits shown in the Declarations for Each Occurrence, Damage To Premises Rented To You and Medical Expense continue to apply. However, instead of being subject to the General Aggregate Limit shown in the Declarations, such limits will be subject to the applicable Designated Construction Project General Aggregate Limit.

- B.** For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section I – Coverage **A**, and for all medical expenses caused by accidents under Section I – Coverage **C**, which cannot be attributed only to ongoing operations at a single designated construction project shown in the Schedule above:
1. Any payments made under Coverage **A** for damages or under Coverage **C** for medical expenses shall reduce the amount available under the General Aggregate Limit or the Products-completed Operations Aggregate Limit, whichever is applicable; and
 2. Such payments shall not reduce any Designated Construction Project General Aggregate Limit.
- C.** When coverage for liability arising out of the "products-completed operations hazard" is provided, any payments for damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard" will reduce the Products-completed Operations Aggregate Limit, and not reduce the General Aggregate Limit nor the Designated Construction Project General Aggregate Limit.
- D.** If the applicable designated construction project has been abandoned, delayed, or abandoned and then restarted, or if the authorized contracting parties deviate from plans, blueprints, designs, specifications or timetables, the project will still be deemed to be the same construction project.
- E.** The provisions of Section III – Limits Of Insurance not otherwise modified by this endorsement shall continue to apply as stipulated.

A handwritten signature in black ink, appearing to be 'C. H. Q.', is located in the lower right quadrant of the page.

POLICY NUMBER: BUA2074978692
Granite Construction Incorporated
Effective 10-01-12

COMMERCIAL AUTO
CA2048 02 99

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.
DESIGNATED INSURED**

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM
GARAGE COVERAGE FORM
MOTOR CARRIER COVERAGE FORM
TRUCKERS COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by this endorsement.

This endorsement identifies person(s) or organization(s) who are "insureds" under the Who Is An Insured Provision of the Coverage Form. This endorsement does not alter coverage provided in the Coverage Form.

SCHEDULE

Name of Person(s) or Organization(s):

Any person or organization whom the named insured is required by written contract to add as an additional insured on this policy.

The coverage afforded to the additional insured shall operate as **primary insurance** only if the written contract requires that this insurance be primary. No other insurance maintained by the additional insured shall be called upon to contribute to a loss hereunder if the written contract requires that such other insurance shall be non-contributory.

The insurance afforded to the additional insured only applies to the extent permitted by law.

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to the endorsement.)

Each person or organization shown in the Schedule is an "insured" for Liability Coverage, but only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured Provision contained in **Section II** of the Coverage Form.

CA 20 48 02 99

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Page 1 of 1

Waiver of Subrogation

The Company waives any right of recovery the Company may have against the person or organization shown in the Schedule because of payments the Company makes for injury or damage arising out of the named insured's activities under a contract with that person or organization.

Schedule

Name of Person or Organization: Any person or organization with whom the named insured agrees in writing prior to the date of any loss to waive the named insured's right to recover against them.

Notice of Cancellation

In the event of cancellation or material change that reduces or restricts the insurance afforded by the Business Auto Coverage Form, the Company agrees to mail prior written notice of cancellation or material change to the person or organization named in the Schedule.

Name: Any person or organization the named insured is required by written contract or agreement to mail prior written notice of cancellation or material change.

Number of days advance notice

10 (or 20 if in Alaska) days notice for non-payment of premium or

60 (or fewer, as required by written contract) days notice for any other reason

Notice of Cancellation

In the event of cancellation or other material change of the Workers' Compensation and Employers' Liability Insurance policy, the insurer will mail advance notice to the person or organization named in the Schedule. The number of days advance notice is shown in the Schedule. This endorsement does not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Name: Any person or organization the employer named in Item 1 of the Information Page is required by written contract or agreement to mail prior written notice of cancellation or material change.

Number of days advance notice:

10 (or 20 if in Alaska) days notice for non-payment of premium or

60 (or fewer, as required by written contract) days notice for any other reason

BLANKET WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT – CALIFORNIA

It is agreed that Part One – Workers Compensation Insurance G. Recovery From Others and Part Two – Employers Liability Insurance H. Recovery From Others are amended by adding the following:

We will not enforce our right to recover against persons or organizations. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

Endorsement Effective: 10/01/12

Policy No. WC274978630 (CA)

Insurance Company: Valley Forge Insurance Co

G-19160-B
(ED. 11/97)

UTAH WAIVER OF SUBROGATION ENDORSEMENT

This endorsement applies only to the insurance provided by the policy because Utah is shown in item 3.A of the information Page.

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule. Our waiver of rights does not release your employees' rights against third parties and does not release our authority as trustee of claims against third parties.

Schedule

Person or Organization:

Any person or organization for whom the named insured has agreed by written contract prior to date of any loss to furnish this waiver

This endorsement changes the policy to which is attached and is effective on the date issued unless otherwise stated.
(The information below is required only when this endorsement is issued subsequent to preparations of the policy.)

Endorsement Effective: 10/01/12

Policy No. WC 274978644

Insurance Company: Valley Forge Insurance Co.

WC 43 03 05
(Ed. 7-00)

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT – ALL OTHER STATES

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Person or Organization:

Any person or organization for whom the named insured has agreed by written contract prior to the date of any loss to furnish this waiver

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated. The information below is required only when this endorsement is issued subsequent to preparation of the policy.

Endorsement Effective: 10/1/12

Policy No. WC274978644

Insurance Company: Valley Forge Insurance Company

Endorsement Effective: 10/1/12

Policy No WC274978658 (NY Only)

Insurance Company: Transportation Insurance Company

WC 000 313
(Ed-4-84)





October 8, 2013

County of Riverside
3525 14th Street
Riverside, CA 92501

RE: Granite Construction Company
Project TCIFL-5954(216) Airport Blvd Grade Separation

To Whom It May Concern:

This letter confirms that the Umbrella Liability policy as evidenced in the Certificate of Insurance, dated 10-08-13, is excess and following form to Granite Construction Company's primary General Liability, Auto and Employers' Liability. The total limits provided is \$7,000,000 each occurrence, \$7,000,000 aggregate products and completed operations and \$19,000,000 General Aggregate for General Liability. Granite Construction Company's insurance coverages are compliant with the contract requirements for the above reference project.

Please do not hesitate to contact us if you need any further information in regard to this insured.

Sincerely,

A handwritten signature in black ink, appearing to read "C. Gustavson", is written over a faint, circular, embossed or stamped seal.

Catherine Gustavson | Sr. Vice President
Aon Risk Services | Construction Services Group
199 Fremont Street, Suite 1500, San Francisco, CA 94105
m +1.831.206.0189
kate.gustavson@aon.com | aon.com
CA License# 0363334



9/26/2013

Claudia Darland-Jonas
CNA Umbrella & Excess
675 Placentia Ave.
Brea, CA 92821
Phone: (714) 255-2290

Claudia.Darland-Jonas@cna.com

Kate Gustavson, CRIS
AON RISK INS SERVICES WEST, INC.
199 FREMONT STREET, SUITE 1500
SAN FRANCISCO
CA 94105
Fax : (415) 486-7029

BINDER

Named Insured: GRANITE CONSTRUCTION INCORPORATED
Effective Date: 10/01/2013 to 10/01/2014
Policy Number: 2068209453

Dear Kate Gustavson, CRIS:

We are pleased to provide our Lead Umbrella quote as follows:

Insurer: Continental Casualty Company
Limit of Liability: \$5,000,000 Each Incident / \$9,000,000 Aggregate
Retained Limit: \$0

SUBJECT TO THE FOLLOWING COVERAGE PART(S), ENDORSEMENTS, EXCLUSIONS AND CONDITIONS

FORM LIST

G142553B-0705 Fungi/Mold/Mildew/Yeast/Microbe Exclusion Contract
G18132C-0213 Employee Benefits Liability Limitation Endorsement
G18244A-0692 Lead Paint Exclusion Endorsement
G48435A-1011 Designated Entity Exclusion
G133136B-0705 Bridge Endorsement
G144233F-0108-Notice - Offer of Terrorism Disclosure of Premium
G15057C-0605 Commercial Umbrella Plus Coverage Part
G17900B-0104 Personal and Advertising Injury Limitation Endt
G300912A-0210 Pollution Exclusion Amendment
G300982A-0710 Crisis Management Coverage Endorsement
G301134A-1010 Key Employee Replacement Expense Coverage Endt
IL0017-1198 Common Policy Conditions
IL0270-0907 California Changes - Cancellation and Nonrenewal
Commercial Umbrella Plus Coverage Part Declarations

G56015B Schedule of Named Insureds
 G56015B Maritime Employers Liability Limitation
 G56015B Maintenance of "Schedule Underlying Insurance"
 G56015B Silica Limitation Endorsement
 G56015B Amendment - Cancellation and Non-Renewal
 G56015B Excess Liability Over Underlying Insurance
 G56015B Wrap-Up and Joint Venture Coverage Limitation
 G56015B CONTRACTOR'S ENVIRONMENTAL LIABILITY LIMITATION
 G56015B CONTRACTOR LIMITATION ENDORSEMENT
 G56015B Non-Concurrent Endorsement
 G56015B Amendment - Cancellation and Non-Renewal
 G56015B Exclusion – Designated Ongoing Operations
 G56015B Exclusion – Designated Work

UNDERLYING INSURANCE

General Liability

American Casualty Co of Reading, PA: Granite Const Co, GL 2074977123	Each Occurrence			\$2,000,000	10/01/2013	10/01/2014
	Personal and Advertising Injury			\$2,000,000		
	General Aggregate	Per Project	Yes	\$10,000,000		
		Per Location	Yes			
	Products Completed Operations			\$2,000,000		

General Liability

Valley Forge Insurance Company GL 2074978689	Each Occurrence			\$2,000,000	10/01/2013	10/01/2014
	Personal and Advertising Injury			\$2,000,000		
	General Aggregate	Per Project	Yes	\$10,000,000		
		Per Location	Yes			
	Products Completed Operations			\$2,000,000		

Automotive Liability

Refer to Form G-56015-B	Each Accident/CSL			\$2,000,000	10/01/2013	10/01/2014
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Employers Liability

Transportation Ins. Co.: Federal Liability Act WC 274978661 (HI & MT)	Bodily Injury by Accident – Each Accident			\$2,000,000	10/01/2013	10/01/2014
	Bodily Injury by Disease – Each Employee			\$2,000,000		
	Bodily Injury by Disease – Policy Limit			\$2,000,000		

Employers Liability

National Fire Ins. Co. of Hartford: Intercounty MD WC 2 74975369	Bodily Injury by Accident – Each Accident			\$2,000,000	10/01/2013	10/01/2014
	Bodily Injury by Disease – Each Employee			\$2,000,000		
	Bodily Injury by Disease – Policy Limit			\$2,000,000		

Employers Liability

Transportation Insurance Company	Bodily Injury by Accident – Each Accident	\$2,000,000	10/01/2013	10/01/2014
WC 2 74978661 (HI & MT)	Bodily Injury by Disease – Each Employee	\$2,000,000		
	Bodily Injury by Disease – Policy Limit	\$2,000,000		

Employers Liability

Valley Forge Ins. Co.: Federal Liability Act	Bodily Injury by Accident – Each Accident	\$2,000,000	10/01/2013	10/01/2014
Other States WC 274978644	Bodily Injury by Disease – Each Employee	\$2,000,000		
	Bodily Injury by Disease – Policy Limit	\$2,000,000		

Employers Liability

The Continental Insurance Company - International	Bodily Injury by Accident – Each Accident	\$2,000,000	10/01/2013	10/01/2014
WP413869050	Bodily Injury by Disease – Each Employee	\$2,000,000		
	Bodily Injury by Disease – Policy Limit	\$2,000,000		

Employers Liability

Valley Forge Ins. Co.: Federal Liability Act	Bodily Injury by Accident – Each Accident	\$2,000,000	10/01/2013	10/01/2014
WC 2 74978630	Bodily Injury by Disease – Each Employee	\$2,000,000		
	Bodily Injury by Disease – Policy Limit	\$2,000,000		

Employers Liability

National Fire Ins Co of Hartford: Federal Liab Act	Bodily Injury by Accident – Each Accident	\$2,000,000	10/01/2013	10/01/2014
WC 2 4975369 (MD)	Bodily Injury by Disease – Each Employee	\$2,000,000		
	Bodily Injury by Disease – Policy Limit	\$2,000,000		

Employers Liability

Valley Forge Ins. Co.: Other States, Includes Stop Gap WC 2 74978644	Bodily Injury by Accident – Each Accident	\$2,000,000	10/01/2013	10/01/2014
	Bodily Injury by Disease – Each Employee	\$2,000,000		
	Bodily Injury by Disease – Policy Limit	\$2,000,000		

Employers Liability

Valley Forge Ins. Co.: Other States, Includes Stop Gap WC2 74978644	Bodily Injury by Accident – Each Accident	\$2,000,000	10/01/2013	10/01/2014
	Bodily Injury by Disease – Each Employee	\$2,000,000		
	Bodily Injury by Disease – Policy Limit	\$2,000,000		

Employers Liability

Transportation Insurance Company	Bodily Injury by Accident – Each Accident	\$2,000,000	10/01/2013	10/01/2014
WC 2 74978658 (NY & NJ)	Bodily Injury by Disease – Each Employee	\$2,000,000		
	Bodily Injury by Disease – Policy Limit	\$2,000,000		

Employers Liability

Transportation Ins. Co.:	Bodily Injury by Accident – Each Accident	\$2,000,000	10/01/2013	10/01/2014
Federal Liability Act				
WC 274978658 (NY & NJ)	Bodily Injury by Disease – Each Employee	\$2,000,000		
	Bodily Injury by Disease – Policy Limit	\$2,000,000		

Employers Liability – Kenny / Shea JV

Valley Forge Ins. Co	Bodily Injury by Accident – Each Accident	\$2,000,000	10/01/2013	10/01/2014
TBD	Bodily Injury by Disease – Each Employee	\$2,000,000		
	Bodily Injury by Disease – Policy Limit	\$2,000,000		

Protection and Indemnity

The Northern Assurance Co.	Each Occurrence	\$1,000,000	10/01/2013	10/01/2014
of America: Protection				
& Indemnity B5JH72141	Aggregate Limit	\$1,000,000		

Excess Protection and Indemnity

Starr Indemnity Ins. Co.:	Each Occurrence	\$9,000,000	10/01/2013	10/01/2014
Excess Protection &				
Indemnity MASILF00015712	Aggregate Limit	\$9,000,000		

Maritime Coverage / Intercounty Connector Project in Maryland

National Fire Ins Co of	Each Accident	\$2,000,000	10/01/2013	10/01/2014
Hartford: (MD) Maritime				
Coverage WC 2 74975369	Aggregate Limit	\$2,000,000		

Maritime Coverage /Hawaii & Montana

Transportation Ins. Co.:	Each Accident	\$2,000,000	10/01/2013	10/01/2014
Maritime Coverage				
WC 274978661 (HI & MT)	Aggregate Limit	\$2,000,000		

Employee Benefits Liability

Valley Forge Insurance	Each Employee	\$2,000,000	10/01/2013	10/01/2014
Company				
GL 2074978689	Aggregate Limit	\$20,000,000		

Watercraft Pollution

Great American: Watercraft	Any One Incident	\$5,000,000	10/01/2013	10/01/2014
Pollution				
OMH6661892	Aggregate Limit	\$5,000,000		

Maritime Coverage / Other States, includes Stop Gap

Valley Forge Ins. Co.:	Each Accident	\$2,000,000	10/01/2013	10/01/2014
Maritime Coverage				
WC 274978644 (CA)	Aggregate Limit	\$2,000,000		

Maritime Coverage / New York & New Jersey

Transportation Insurance Company	Each Accident	\$2,000,000	10/01/2013	10/01/2014
WC 2 74978658	Aggregate Limit	\$2,000,000		

Maritime Coverage / California

Valley Forge Ins. Co. : Maritime Coverage	Each Accident	\$2,000,000	10/01/2013	10/01/2014
WC 2 74978630 (CA)	Aggregate Limit	\$2,000,000		

This Binder is subject to:

- Terrorisms (TRIA) coverage is offered at no additional premium charge. If the insured opts to reject coverage there will be NO adjustment to premium.
- Scheduled Underlying carriers must maintain a minimum Best Rating of A-VII; exceptions may be granted for Employers Liability.
- The premium and terms of the binder are subject to change based on the final schedule of the Kenny JV's.

Please note that, in accordance with state regulations, additional fees and/or surcharges may be applicable as follows:

As respects policies issued in our Admitted Company (Continental Casualty Ins. Co.), countersignature requirements, including fees, may be applicable. In accordance with State regulations, collection of fee and signatures is your responsibility.

Billing

You will be billed for this policy through your normal account billing method at CNA.

- Agency Bill / Annual

Best regards,

Claudia Jonas

Claudia Darland-Jonas

Please read this binder carefully, as the terms and conditions may differ from those in the submission. Note: only the policy provides complete terms and conditions. Sample forms are available upon request.



Account Name: GRANITE CONSTRUCTION INCORPORATED

RE: NOTICE OF TERRORISM COVERAGE AND DISCLOSURE OF PREMIUM

The Terrorism Risk Insurance Act established a program within the United States Department of the Treasury, under which the federal government shares, with the insurance industry, the risk of loss from certain future acts of terrorism and in the case of workers' compensation coverage, acts of war. The Act was scheduled to terminate on December 31, 2005, but was extended through December 31, 2007 and has been re-authorized through December 31, 2014. The Act applies when the Secretary of the Treasury certifies that an event meets the definition of an act of terrorism. Originally, the Act provided that, to be certified, an act of terrorism must cause losses of at least five million dollars and must have been committed by an individual or individuals acting on behalf of any foreign person or foreign interest as part of an effort to coerce the government or population of the United States. However, the 2007 re-authorization of the Act no longer requires the act of terrorism to be committed by or on behalf of a foreign interest and coverage for certified acts of terrorism now encompass, for example, a terrorist act committed against the United States government by a United States citizen when the act is determined by the federal government to be "a certified act of terrorism".

In accordance with this Act, we are required to continue to offer you coverage for losses resulting from an act of terrorism that is certified under the federal program. The policy's other provisions, including nuclear, war or military action exclusions, will still apply to such an act. The premium for this coverage will be included for each coverage part as shown below under DISCLOSURE OF PREMIUM and is included in, not in addition to, the premium shown on the Account Premium Recap.

DISCLOSURE OF PREMIUM:

Coverage Part	Terrorism Premium	Policy Number	Effective Date
Property	\$		
Property – Fire Following *	\$		
Liability	\$		
Inland Marine	\$		
Inland Marine – Fire Following *	\$		
Umbrella	\$	2068209453	10/01/2013
Worker's Compensation	\$		

DISCLOSURE OF FEDERAL PARTICIPATION IN PAYMENT OF TERRORISM LOSSES

The United States Department of the Treasury will pay a share of terrorism losses insured under the federal program. The federal share equals 85% of that portion of the amount of such insured losses that exceeds the applicable insurer retention. However, if aggregate insured losses attributable to terrorist acts certified under the Terrorism Risk Insurance Act exceed \$100 billion in a Program Year (January 1 through December 31), the Treasury shall not make any payment for any portion of the amount of such losses that exceeds \$100 billion.

Further, this coverage is subject to a limit on our liability, pursuant to the federal law where, if aggregate insured losses attributable to terrorist acts certified under the Terrorism Risk Insurance Act exceed \$100 billion in a Program Year (January 1 through December 31) and we have met our insurer deductible under the Terrorism Risk Insurance Act, we shall not be liable for the payment of any portion of the amount of such losses that exceeds \$100 billion, and, in such case, insured losses up to that amount are subject to pro rata allocation in accordance with procedures established by the Secretary of the Treasury.

* Due to state Standard Fire Policy regulations, this premium must be retained even if certified acts of terrorism coverage is excluded for locations in the following states: CA, GA, HI, IA, IL, MA, ME, MO, NC, NJ, NY, OR, RI, WA, WV, and WI (the same regulations apply to terrorism premium retained for Inland Marine for locations in the states of CA, HI, ME, MO, OR and WI).



Commercial Umbrella

Renewal Declaration

POLICY NUMBER L 2068209453 COVERAGE PROVIDED BY CONTINENTAL CASUALTY COMPANY 333 S. WABASH CHICAGO, IL. 60604 FROM - POLICY PERIOD - TO 10/01/2012 10/01/2013

INSURED NAME AND ADDRESS
GRANITE CONSTRUCTION INCORPORATED
PO BOX 50085
WATSONVILLE, CA 95077

AGENCY NUMBER 076720 AGENCY NAME AND ADDRESS
AON RISK INS SERVICES WEST, INC.
199 FREMONT STREET, SUITE 1500
SAN FRANCISCO, CA 94105
Phone Number: (415)486-7000

BRANCH NUMBER 250 BRANCH NAME AND ADDRESS
SAN FRANCISCO
555 MISSION STREET, SUITE 200
SAN FRANCISCO, CA 94105
Phone Number: (415)932-7500

This policy becomes effective and expires at 12:01 A.M. standard time at your mailing address on the dates shown above.

The Named Insured is a Corporation.

Your policy is composed of this Declarations, with the attached Coverage Forms, and Endorsements if any. The Policy Forms and Endorsement Schedule shows all forms applicable to this policy at the time of policy issuance.

PREMIUM

Premium Basis	Estimated Exposure	Rate	Estimated Advance Premium
Flat Charge			Included

Audit Period is Not Auditable

POLICY NUMBER
L 2068209453

INSURED NAME AND ADDRESS
GRANITE CONSTRUCTION INCORPORATED
PO BOX 50085
WATSONVILLE, CA 95077

POLICY LIMITS OF INSURANCE

Each Incident: \$5,000,000 Aggregate: \$9,000,000

RETAINED LIMIT

Retained Limit: \$0

SCHEDULE OF UNDERLYING INSURANCE

Underlying Insurer Policy Number Policy Period	Underlying Insurance	Coverages	LimitS of Insurance
SEE FORM G-56015-B SEE FORM G-56015-B Eff: 10/01/2012 to 10/01/2015	General Liability	Each Occurrence Limit General Aggregate Limit Applies per location Applies per project Products/Completed Operations Aggregate Limit Personal and Advertising Injury Liability Limit	\$2,000,000 \$10,000,000 \$2,000,000 \$2,000,000
SEE FORM G-56015-B SEE FORM G-56015-B Eff: 10/01/2012 to 10/01/2013	General Liability	Each Occurrence Limit General Aggregate Limit Applies per location Applies per project Products/Completed Operations Aggregate Limit Personal and Advertising Injury Liability Limit	\$2,000,000 \$10,000,000 \$2,000,000 \$2,000,000
SEE FORM G-56015-B SEE FORM G-56015-B Eff: 10/01/2012 to 10/01/2015	Automobile Liability	Combined Bodily Injury and Property Damage Liability: Each Accident Limit -----or----- Bodily Injury Liability: Each Person Limit Each Accident Limit Property Damage Liability: Each Accident Limit	\$2,000,000 \$ \$ \$
SEE FORM G-56015-B SEE FORM G-56015-B Eff: 10/01/2012 to 10/01/2015	Employers Liability	Bodily Injury By Accident: Each Accident Limit Bodily Injury By Disease: Each Employee Limit Policy Limit	\$ 2,000,000 \$2,000,000 \$2,000,000

POLICY NUMBER
L 2068209453

INSURED NAME AND ADDRESS
GRANITE CONSTRUCTION INCORPORATED
PO BOX 50085

WATSONVILLE, CA 95077

POLICY CHANGES

1 OF 5 SCHEDULE OF UNDERLYING INSURANCE

This Change Endorsement changes the Policy. Please read it carefully.
This Change Endorsement is a part of your Policy and takes effect on the
effective date of your Policy, unless another effective date is shown.

GENERAL LIABILITY

VALLEY FORGE INS. CO.

POLICY NO.: GL2074978689

POLICY DATES: 10-1-12 TO 10-1-15

LIMITS:

\$ 2,000,000 EACH OCCURRENCE

\$ 2,000,000 PERSONAL & ADVERTISING INJURY

\$10,000,000 GENERAL AGGREGATE

PER PROJECT: YES

PER LOCATION: YES

\$ 2,000,000 PRODUCTS/COMPLETED OPERATIONS AGGREGATE LIMIT

EMPLOYEE BENEFITS LIABILITY

LIMITS: \$ 2,000,000 EACH EMPLOYEE

LIMITS: \$ 2,000,000 AGGREGATE

AUTOMOBILE LIABILITY

VALLEY FORGE INS. CO.

POLICY NO. BUA2074978692

POLICY DATES: 10-1-12 TO 10-1-15

LIMITS:

\$ 2,000,000 EACH ACCIDENT/COMBINED BODILY INJURY AND PROPERTY

DAMAGE LIABILITY


Thomas F. Mohammed
Chairman of the Board

Jonathan Kauter
Secretary

POLICY NUMBER
L 2068209453

INSURED NAME AND ADDRESS
GRANITE CONSTRUCTION INCORPORATED
PO BOX 50085

WATSONVILLE, CA 95077

POLICY CHANGES

2 OF 5 SCHEDULE OF UNDERLYING INSURANCE

This Change Endorsement changes the Policy. Please read it carefully.
This Change Endorsement is a part of your Policy and takes effect on the
effective date of your Policy, unless another effective date is shown.

EMPLOYERS LIABILITY, FEDERAL EMPLOYERS LIABILITY ACT
AND MARITIME COVERAGE

CALIFORNIA

VALLEY FORGE INSURANCE CO.
POLICY NO. WC274978630
POLICY DATES: 10-1-12 TO 10-1-15

EMPLOYERS LIABILITY

LIMITS:

\$2,000,000 BODILY INJURY BY ACCIDENT, EACH ACCIDENT
\$2,000,000 BODILY INJURY BY DISEASE, POLICY LIMIT
\$2,000,000 BODILY INJURY BY DISEASE, EACH EMPLOYEE

FEDERAL EMPLOYERS LIABILITY ACT

LIMITS:

\$2,000,000 BODILY INJURY BY ACCIDENT, EACH ACCIDENT
\$2,000,000 BODILY INJURY BY DISEASE, AGGREGATE

MARITIME COVERAGE

LIMITS:

\$2,000,000 BODILY INJURY BY ACCIDENT, EACH ACCIDENT
\$2,000,000 BODILY INJURY BY DISEASE, AGGREGATE

OTHER STATES AND INCLUDES STOP GAP

VALLEY FORGE INSURANCE CO.
POLICY NO. WCWC274978644
POLICY DATES: 10-1-12 TO 10-1-15

EMPLOYERS LIABILITY

LIMITS:

\$2,000,000 BODILY INJURY BY ACCIDENT, EACH ACCIDENT
\$2,000,000 BODILY INJURY BY DISEASE, POLICY LIMIT
\$2,000,000 BODILY INJURY BY DISEASE, EACH EMPLOYEE



Thomas F. Mohammed
Chairman of the Board

Jonathan Kantor
Secretary

COMMERCIAL UMBRELLA PLUS COVERAGE PART

Various provisions in this policy restrict coverage. Read the entire policy carefully to determine rights, duties and what is and is not covered.

Throughout this policy the words "you" and "your" refer to the Named Insured identified under **SECTION II – WHO IS AN INSURED** of this policy.

The word "insured" means any person or organization qualifying as such under **SECTION II – WHO IS AN INSURED**.

The words "we," "us" and "our" refer to the Company providing this insurance.

Other words and phrases that appear in quotation marks have special meaning. Refer to **SECTION V – DEFINITIONS**.

SECTION I – COVERAGES

1. Insuring Agreement

We will pay on behalf of the insured those sums in excess of "scheduled underlying insurance," "unscheduled underlying insurance" or the "retained limit" that the insured becomes legally obligated to pay as "ultimate net loss" because of "bodily injury," "property damage" or "personal and advertising injury" to which this insurance applies.

a. This insurance applies to "bodily injury" and "property damage" only if:

- (1) The "bodily injury" or "property damage" is caused by an "incident" anywhere in the world;
- (2) The "bodily injury" or "property damage" occurs during the policy period; and
- (3) With respect to "bodily injury" or "property damage" that continues, changes or resumes so as to occur during more than one policy period, both of the following conditions are met:
 - (i) Prior to the policy period, no "authorized insured" knew that the "bodily injury" or "property damage" had occurred, in whole or in part; and
 - (ii) During the policy period, an "authorized insured" first knew that the "bodily injury" or "property damage" had occurred, in whole or in part.

For purposes of this Paragraph (1) a.(3) only, if (a) "bodily injury" or "property damage" that occurs during this policy period does not continue, change or resume after the

termination of this policy period; and (b) no "authorized insured" first knows of this "bodily injury" or "property damage" until after the termination of this policy period, then such first knowledge will be deemed to be during this policy period.

b. "Bodily injury" or "property damage" which occurs during the policy period and was not, prior to the policy period, known to have occurred by any "authorized insured" includes any continuation, change or resumption of that "bodily injury" or "property damage" after the end of the policy period.

c. "Bodily injury" or "property damage" will be deemed to have been known to have occurred at the earliest time when any "authorized insured":

- (1) Reports all, or any part, of the "bodily injury" or "property damage" to us or any other insurer;
- (2) Receives a written or verbal demand, claim or "suit" for damages because of the "bodily injury" or "property damage"; or
- (3) Becomes aware by any other means that "bodily injury" or "property damage" has occurred or has begun to occur.

d. This insurance applies to "personal and advertising injury" caused by an "incident" committed anywhere in the world during the policy period.

If we are prevented by law, statute or otherwise from paying on behalf of the insured, then we will indemnify the insured for those sums that the insured is legally obligated to pay as "ultimate net loss" because of "bodily injury," "property damage" or "personal and advertising injury" to which this insurance applies.

2. Exclusions

This Insurance does not apply to:

a. Expected or Intended Injury

"Bodily injury" or "property damage" expected or intended from the standpoint of the insured. This exclusion does not apply to "bodily injury" resulting from the use of reasonable force to protect persons or property. This exclusion does not apply to Employers Liability claims for "bodily injury" covered by "scheduled underlying insurance."

b. Contractual Liability

"Bodily injury," "property damage" or "personal and advertising injury" for which the insured is obligated to pay damages by reason of the



- (2) "Personal and advertising injury" or "property damage" arising in whole or in part out of the actual, alleged or threatened presence of "silica."

w. Named Insured vs. Named Insured

Any liability arising out of claims or "suits" by a named insured against another named insured.

x. Employment Related Practices

Any liability arising out of:

- (1) A refusal to employ;
- (2) Termination of employment;
- (3) Demotion, evaluation, reassignment, discipline;
- (4) Coercion, defamation, discrimination, harassment or humiliation; or

any other employment related practices, policies, acts or omissions.

y. Terrorism Limitation

"Bodily injury" or "property damage" arising out of any act of terrorism, unless, and then only to the extent that coverage is provided by "scheduled underlying insurance."

z. Liquor Liability Limitation

"Bodily injury" or "property damage" for which an insured may be held liable by reason of:

- (1) Causing or contributing to the intoxication of any person;
- (2) The furnishing of alcoholic beverages to a person under the legal drinking age or under the influence of alcohol; or
- (3) Any statute, ordinance or regulation relating to the sale, gift, distribution or use of alcoholic beverages;

unless, and then only to the extent that coverage is provided by "scheduled underlying insurance."

aa. Auto and Mobile Equipment Limitation

Any liability arising out of the:

- (1) Ownership;
- (2) Maintenance;
- (3) Use; or
- (4) Entrustment to others

of an "automobile" or "mobile equipment" owned or operated by or rented or loaned to an insured unless, and then only to the extent that coverage is provided by "scheduled underlying insurance."

To the extent that this insurance applies to an "automobile" or "mobile equipment" it is further subject to the pollution exclusion, exclusion f. of this policy.

Use includes operation or "loading or unloading."

bb. Do Not Call

Any liability arising directly or indirectly out of any action or omission that violates or is alleged to violate:

- (1) The Telephone Consumer Protection Act (TCPA), including any amendment of or addition to such law; or
- (2) The CAN-SPAM Act of 2003, including any amendment of or addition to such law; or
- (3) Any statute, ordinance or regulation, other than the TCPA or the CAN-SPAM Act of 2003, that prohibits or limits the sending, transmitting, communicating or distribution of material or information.

SECTION II – WHO IS AN INSURED

- 1. Named Insured** means any individual or organization stated in the Declarations of this policy and if you are designated in the Declarations of this policy as:

- a.** An individual, you and your spouse, but only with respect to the conduct of a business of which you are the sole owner.

If you are designated in the Declarations of this policy as an individual, this policy shall not apply to liability arising out of your domestic or non-business activities. This does not apply to the ownership, maintenance, use or "loading or unloading" of any "automobile," or to the Personal Umbrella Liability Coverage Part.

- b.** A partnership or joint venture, you and your members, your partners, and their spouses, but only with respect to the conduct of your business.

No person or organization is an insured with respect to the conduct of any current or past partnership or joint venture that is not shown as a Named Insured in the Declarations.

- c.** An organization other than a partnership or joint venture, you and your executive officers and directors, but only with respect to their duties as your officers or directors. Your stockholders are also named insureds, but only with respect to their liability as stockholders.

- d.** A limited liability company, you and your members, but only with respect to the conduct of your business. Your managers are also named insureds but only with respect to their duties as your managers.

Company Profile

VALLEY FORGE INSURANCE COMPANY

333 S. WABASH
CHICAGO, IL 60604
800-345-7542

Former Names for Company

Old Name: AMERICAN AVIATION & GENERAL INSURANCE COMPANY

Effective Date: 07-03-1957

Agent for Service of Process

NANCY FLORES, C/O CT CORPORATION SYSTEM 818 WEST SEVENTH STREET LOS ANGELES, CA 90017

Unable to Locate the Agent for Service of Process?

Reference Information

NAIC #:	20508
NAIC Group #:	0218
California Company ID #:	1282-3
Date authorized in California:	September 27, 1944
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	PENNSYLVANIA

Lines of Insurance Authorized to Transact

The company is authorized to transact business within these lines of insurance. For an explanation of any of these terms, please refer to the [glossary](#).

AIRCRAFT
AUTOMOBILE
BOILER AND MACHINERY
BURGLARY
COMMON CARRIER LIABILITY
CREDIT
DISABILITY
FIRE
LIABILITY
MARINE
MISCELLANEOUS
PLATE GLASS
SPRINKLER
SURETY
TEAM AND VEHICLE
WORKERS' COMPENSATION

Company Complaint Information

[Company Enforcement Action Documents](#)
[Company Performance & Comparison Data](#)
[Composite Complaint Studies](#)

Want More?

[Help Me Find a Company Representative in My Area](#)

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Company Profile

CONTINENTAL CASUALTY COMPANY

333 S. WABASH
CHICAGO, IL 60604
800-588-7400

Agent for Service of Process

NANCY FLORES, C/O CT CORPORATION SYSTEM 818 WEST SEVENTH STREET LOS ANGELES, CA 90017

Unable to Locate the Agent for Service of Process?

Reference Information

NAIC #:	20443
NAIC Group #:	0218
California Company ID #:	0048-9
Date authorized in California:	May 14, 1902
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	ILLINOIS

Lines of Insurance Authorized to Transact

The company is authorized to transact business within these lines of insurance. For an explanation of any of these terms, please refer to the [glossary](#).

AIRCRAFT
AUTOMOBILE
BOILER AND MACHINERY
BURGLARY
COMMON CARRIER LIABILITY
CREDIT
DISABILITY
FIRE
LIABILITY
MARINE
MISCELLANEOUS
PLATE GLASS
SPRINKLER
SURETY
TEAM AND VEHICLE
WORKERS' COMPENSATION

Company Complaint Information

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[Composite Complaint Studies](#)

Want More?

[Help Me Find a Company Representative in My Area](#)

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
09/28/2013

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER LIC #0G62759 1-415-486-7000
Aon Risk Insurance Services West, Inc.
199 Fremont Street, Suite 1500
San Francisco, CA 94105

CONTACT
NAME:
PHONE
(A/C, No, Ext):
E-MAIL
ADDRESS:

FAX
(A/C, No):

INSURER(S) AFFORDING COVERAGE**NAIC #**

INSURER A: STEADFAST INS CO

INSURER B:

INSURER C:

INSURER D:

INSURER E:

INSURER F:

INSURED
Granite Construction Company
PO Box 50085
Watsonville, CA 95077

COVERAGES**CERTIFICATE NUMBER:** 36052333**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY						EACH OCCURRENCE \$
	<input type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$
	<input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR						MED EXP (Any one person) \$
							PERSONAL & ADV INJURY \$
							GENERAL AGGREGATE \$
							PRODUCTS - COMP/OP AGG \$
	GEN'L AGGREGATE LIMIT APPLIES PER:						\$
	<input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						\$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS					BODILY INJURY (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS	<input type="checkbox"/> NON-OWNED AUTOS					PROPERTY DAMAGE (Per accident) \$
							\$
	UMBRELLA LIAB	<input type="checkbox"/> OCCUR					EACH OCCURRENCE \$
	EXCESS LIAB	<input type="checkbox"/> CLAIMS-MADE					AGGREGATE \$
	<input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$						\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						<input type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A					E.L. EACH ACCIDENT \$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$
A	CPPI (POLLUTION)	X		BOC5087922-09	10/01/13	10/01/14	Each Claim 15,000,000
							Aggregate 30,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Job# 2250 416433 County of Riverside, Airport Blvd (AVE 56) at Grapefruit Blvd (Hwy 111) Project #A6-0241
County of Riverside, Caltrans, Union Pacific Railroad, Coachella Valley Water District, Coachella Valley Assn. of Governments, Kinder Morgan, their respective directors, officers, Board of Supervisors, elected and appointed officials, agents and representatives, employees are included as additional insured but only with respect to work performed for County of Riverside, Airport Blvd, Project #A6-0241 under contract or permit.

CERTIFICATE HOLDER

2250 416433
COUNTY OF RIVERSIDE
P.O. BOX 1090
RIVERSIDE, CA 92502

USA

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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SUPPLEMENT TO CERTIFICATE OF INSURANCE

DATE

09/28/2013

NAME OF INSURED: Granite Construction Company

Contractor's Protective Professional Indemnity and Liability Insurance – Amendments



Policy No.	Eff. Date of Pol.	Exp. Date of Pol.	Eff. Date of End.	Producer	Add'l Prem.	Return Prem.
EOC 5087922-09	10/01/2013	10/01/2014	10/01/2013	70134000	-----	-----

Producer:

AON RISK INSURANCE SERVICES WEST, INC.
199 FREMONT ST STE 1500
SAN FRANCISCO, CA 94105-2245

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

This endorsement modifies insurance provided by the following:

Contractor's Protective Professional Indemnity and Liability Insurance Policy

In consideration of the premium charged, it is hereby agreed that the insurance provided under this policy is amended as follows:

- Section **I. INSURING AGREEMENT** is amended by adding the additional Coverage Part as follows:

A. COVERAGE PART C – CONTRACTOR'S POLLUTION LIABILITY

COVERAGE

- We will pay on behalf of an "Insured" any "Loss" an "Insured" is legally obligated to pay as a result of "Contractor's Pollution Liability Claim(s)" caused by:

- A "Pollution Event(s)" resulting from "Technical Activities" performed by the "Named Insured" or anyone for whom the "Named Insured" is legally responsible; or
- A "Pollution Event" resulting from "Completed Operation(s)" of the "Technical Activities".

The "Bodily Injury" or "Property Damage" must occur during the "Policy Period". Progressive, indivisible "Bodily Injury" or "Property Damage" over multiple policy period(s) caused by the same, related or continuous "Pollution Events" shall be deemed to have occurred only in the "Policy Period" of the date of first exposure to the "Pollution Event".

If the date of such first exposure is before the effective date of the first "Policy Period" issued to you by us, or can not be determined, but the progressive, indivisible "Bodily Injury" or "Property Damage" continues in fact to exist during the first "Policy Period" issued to you by us, the "Bodily Injury" or "Property Damage" will be deemed to have occurred only on the effective date of such first "Policy Period" to you by us.

Notwithstanding the above, this insurance does not apply to "Contractor's Pollution Liability Claim(s)" or Loss(es)" based upon or arising out of any "Contractor's Pollution Liability Claim" or "Loss" covered, in whole or in part, under any valid insurance policy, in force prior to this policy. OR;

- We will pay on behalf of an "Insured" any "Loss" an "Insured" is legally obligated to pay as a result of "Contractor's Pollution Liability Claim(s)" caused by a "Microbial Event" resulting from either "Technical Activities" performed by the "Named Insured" or anyone for whom the "Named Insured" is legally responsible or from "Completed Operations" of the "Technical Activities" provided that the "Technical Activities" must commence on or after the "Retroactive Date" and before the end of the "Policy Period" and the "Contractor's Pollution Liability Claim" is first made against the "Insured" and reported to us during the "Policy Period", the automatic extended reporting period, or the extended reporting period, if applicable.

B. DEFENSE

We shall have the right and duty to assume the adjustment, defense and settlement of any "Contractor's Pollution Liability Claim" to which this insurance applies. "Contractor's Pollution Liability Claim Expense" reduces the applicable Limits of Liability set out in the Declarations as described in LIMITS OF LIABILITY section. Our duty to adjust, defend and settle all "Contractor's Pollution Liability Claims" to which this endorsement applies, pending and future, ends when the applicable Limits of Liability have been tendered into court or exhausted by payment of "Contractor's Pollution Liability Claim Expense(s)" or "Loss(es)".

2. Section II. DEFINITIONS is amended as follows:

Solely with respect to **COVERAGE PART C**, the following definitions shall apply:

- A. "Automobile" means a land motor vehicle, trailer or semi-trailer designed for travel on public roads, including any machinery or apparatus attached thereto.
- B. "Bodily Injury" means physical injury, sickness, disease, death, mental anguish or emotional distress suffered by any person.
- C. "Claim" means "Contractor's Pollution Liability Claim".
- D. "Cleanup costs" means the necessary expenses incurred in the investigation, removal, remediation, neutralization or immobilization of contaminated soil, surface water, groundwater, or other contamination resulting from a "Pollution Event" or a "Microbial Event".

To the extent that real or personal property not owned by the "Insured(s)" is directly damaged during the investigation, removal, remediation, neutralization or immobilization of contaminated soil, surface water, groundwater, or other contamination resulting from a "Pollution Event" or a "Microbial Event", this policy will pay the expenses necessary to repair, replace, or restore such damaged real or personal property to substantially the same condition it was in prior to being so damaged provided that any such expenses shall, in no event, exceed the fair market value of such property prior to being damaged and further provided that such expenses shall not include expenses associated with improvements or betterments, including, but not limited to upgrades necessary to achieve building code compliance.

- E. "Contractor's Pollution Liability Claim" or "Contractor's Pollution Liability Claims" means any demand or notice received by an "Insured" alleging liability or responsibility on the part of an "Insured" for "Losses" because of a "Pollution Event" or "Microbial Event" resulting from "Technical Activities" or "Completed Operations of the Technical Activities".
- F. "Contractor's Pollution Liability Claim Expense" means "Claim Expense" as defined in this policy.
- G. "Completed Operation(s)" coverage begins when the job is completed and includes all "Bodily Injury" and "Property Damage(s)" occurring away from the premises owned or rented by the "Insured" and arising out of "Technical Activities" that have been completed or "Technical Activities" that have not been abandoned. "Technical Activities" will be deemed completed at the earliest of the following times:
 - 1. When all the "Technical Activities" called for in the contract have been completed; or
 - 2. When all the "Technical Activities" to be done at one or more sites have been completed if the contract calls for "Technical Activities" at more than one site; or
 - 3. When that part of the "Technical Activities" at any site has been put to its intended use by any person or organization other than another contractor or subcontractor working on the same project. "Technical Activities" that may need service, maintenance, correction, repair or replacement, but which are otherwise complete, will be deemed complete.
- H. "Hazardous Materials" means any petroleum, petroleum products, polychlorinated biphenyls, explosives, reactive materials, ignitable materials, corrosive materials and any hazardous, toxic, radioactive and infectious materials, substances, chemicals or wastes, together with any other substances designated as hazardous substances or hazardous materials by federal, state or municipal laws, statutes or ordinances, including rules, administrative or judicial orders, directives or policies.
- I. "Hazardous Materials Facility" means any site, location or premises, or any part of any site, location or premises, on which "Hazardous Materials", wastes or pollutants are stored, treated, processed, recycled or disposed other than those sites at which "Technical Activities" are being performed.

J. "Insured" has the meaning stated in the policy, and solely as to Coverage Part C shall also include the following:

1. your clients but only:
 - a. when required by written contract executed and effective before the "Technical Activities"; and
 - b. with respect to "Technical Activities" and "Completed Operations(s)" of the "Technical Activities"; and
 - c. for those amounts required by written contract not to exceed the Limits of Liability of this policy; or
2. any other person or entity endorsed on this policy as an "Insured".

K. "Loss(es)" means:

1. compensatory damages or legal obligations arising from;
 - a. "Bodily Injury";
 - b. "Property Damage";
2. and related "Contractor's Pollution Liability Claim Expense".

L. "Microbial Event" means any "Loss" caused directly or indirectly, by: 1. any "Fungus(i)" or "Spore(s)", or 2. any substance, vapor or gas produced by or arising out of any "Fungus(i)" or "Spore(s)". For the purpose of this definition, the following definitions are added:

1. "Fungus(i)" includes, but is not limited to: a. any form or type of mold, mushroom or mildew; b. any other fungal structure; and c. any volatile organic compounds, mycotoxins, allergenic proteins or other substances or gases produced by or arising out of any mold, mushroom, mildew, fungal structure or "Spore(s)".
2. "Spore(s)" means any reproductive body produced by or arising out of any "Fungus(i)".

M. "Named Insured" has the meaning stated in the policy at Section II. **DEFINITIONS**, J.

N. "Natural Resource Damage" means physical injury to or destruction of, including the resulting loss of value of land, fish, wildlife, biota, air, water, groundwater, drinking water supplies, and other such resources belonging to, managed by, held in trust by, appertaining to, or otherwise controlled by the United States (including the resources of the fishery conservation zone established by the Magnuson-Stevens Fishery Conservation and Management Act (16 U.S.C. 1801 et. seq.)), any state or local government, any foreign government, any Native American tribe or, if such resources are subject to a trust restriction on alienation, any member of a Native American tribe.

O. "Policy Period" means the period set forth in the Declaration, or any shorter period arising as a result of termination of the policy.

P. "Pollution Event" means the discharge, dispersal, release, or escape of any solid, liquid, gaseous or thermal irritant, contaminant or pollutant including smoke, vapor, soot, fumes, acids, alkalis, chemicals and waste.

Q. "Property Damage" has the meaning stated in the policy and solely as to Coverage Part C shall also include the following;

1. "Cleanup Costs"; and
2. "Natural Resource Damage".

R. "Retroactive Date" means the date set forth in the Declarations or attached Endorsement, and the earliest date a "Technical Activity" can commence for coverage to be provided under the claims made portion of this policy.

S. "Technical Activities" means construction work and other non-professional services.

3. Section III. **EXCLUSIONS** is amended by adding the following which are the only exclusions to apply to this Coverage Part:

Solely with respect to **COVERAGE PART C – CONTRACTOR'S POLLUTION LIABILITY**, this insurance does not apply to "Contractor's Pollution Liability Claim(s)" or "Loss(es)" based upon or arising out of:

- A. a "Pollution Event" existing prior to the inception date of the policy except as provided in Section I.A of this endorsement or a "Microbial Event" of which you had knowledge prior to the inception date of this policy;
- B. any dishonest, fraudulent, or malicious act, error or omission, or those of a knowingly wrongful nature or the intentional, willful or deliberate non-compliance with any statute, regulation, ordinance, administrative complaint,

notice of violation, notice letter, executive order, or instruction of any governmental agency or body by or at the direction of an "Insured" except that this exclusion will not apply to an "Insured" who did not commit, participate in, or have knowledge of any of the acts described;

- C. a "Contractor's Pollution Liability Claim" made by an "Insured" against any other "Insured", however, this exclusion does not apply to clients of the "Named Insured" who are considered "Insureds" under this policy;
- D. a "Contractor's Pollution Liability Claim" made by an entity or individual:
 - 1. that wholly or partially owns, operates or manages an "Insured";
 - 2. in which an "Insured" has an ownership interest in excess of 20%
 - 3. that is controlled, operated or managed by an "Insured"; or
 - 4. in which an "Insured" is an officer or director;
- E. any obligation of an "Insured" which could have been brought in whole or in part under a workers compensation, disability benefits or unemployment compensation law or any similar law;
- F. conduct by an individual, corporation, partnership or joint venture of which an "Insured" is a partner, director, officer, member, participant or employee, that is not designated in the Declarations or by Endorsement as a "Named Insured" however, this exclusion shall not apply to the "Named Insured" for "Claim(s)" alleging liability of the "Named Insured" arising out of the "Named Insured's" participation in the joint venture. Such liability is limited exclusively to the "Loss" arising out of the "Named Insured's" performance of "Technical Activities";
- G. liability of others assumed by an "Insured" under any contract or agreement, however, this exclusion shall not apply to:
 - 1. such written contracts or agreements, in effect prior to the performance of the "Technical Activities" between the "Named Insured" and its client provided that the liability for the "Loss(es)" arises from a "Pollution Event" or "Microbial Event" resulting from "Technical Activities" or "Completed Operation(s)" of the "Technical Activities" performed by the "Named Insured" or any other person, entity or organization for whom the "Named Insured" is legally responsible and the liability does not arise due to the sole negligence of the client; or
 - 2. liability for the "Loss(es)" would have attached to an "Insured" by operation of law in the absence of such contract or agreement;
- H. any project that is insured under a project specific insurance policy, provided, however, that this exclusion shall not apply where your liability is found to be in excess of the limit of liability available under such project specific insurance policy which has been specifically included for excess coverage by endorsement to this policy;
- I. goods or products designed, manufactured, sold, handled, distributed, or supplied by an "Insured" or by others trading under its name or under license from an "Insured".
- J. fines, penalties, and the multiple portion of multiplied damages;
- K. injury to any employee, contract employee or leased personnel of an "Insured" if such injury occurs during and in the course of said employment; or to the spouse, child, parent, brother or sister of any employee, contract employee or leased personnel of an "Insured" as a consequence of said employment; or to any obligation of an "Insured" for indemnity or contribution to another because of "Loss" arising out of such injury in the course of employment, except that this exclusion does not apply to liability assumed by the "Named Insured" under a written contract or agreement, in effect prior to the "Loss" between the "Named Insured" and its client provided that the "Loss" arises out of a "Pollution Event" or a "Microbial Event" and the "Loss" does not arise due to the sole negligence of the client;
- L. any consequence, whether direct or indirect, of war, invasion, act of foreign enemy, hostilities (whether war be declared or not), civil war, rebellion, revolution, insurrection or military or usurped power, strike, riot or civil commotion;
- M. the ownership, entrustment, maintenance, use, operation, loading or unloading of any "Automobile", aircraft, vessel or rolling stock beyond the boundaries of the site at which the "Technical Activities" are being conducted unless endorsed onto this policy. However, this exclusion shall not apply to a "Pollution Event" arising from the ownership, entrustment, maintenance, use, operation, loading or unloading of any "Automobile" or arising from waste or materials transported by or on behalf of the "Named Insured" via "Automobile" during the course of performing "technical activities;"

- N. waste, contaminants, pollutants, or materials transported via "Automobile", aircraft, vessel, or rolling stock beyond the boundaries of the site at which the "Technical Activities" are being conducted once they have been finally delivered, disposed of or abandoned unless endorsed onto this policy;
- O. any real property or personal property owned, leased, or rented by a "Named Insured";
- P. any "Pollution Event(s)" or "Loss(es)" on, at, under or coming from any location to which an "Insured" arranges for, sends or has sent materials for treatment, recycling, reclamation, storage or disposal unless endorsed onto this policy;
- Q. an "Insured's" operation or management of a "Hazardous Materials Facility" on behalf of, for the benefit of, or under contract with any other person, company or entity;
- R. the refusal to employ, termination of employment, coercion, evaluation, reassignment, discipline, wrongful infliction of emotional distress or other employment-related torts, harassment, discrimination, wrongful deprivation of a career opportunity, breach of any oral, written or implied employment contract or quasi-employment contract, violation of any federal, state or local statute, regulation, ordinance, common law or public policy concerning employment or discrimination in employment;
4. Section **IV. LIMITS OF LIABILITY** is amended as follows:
- a. The following new Coverage Part is added:
- E. COVERAGE PART C**
1. EACH CONTRACTOR'S POLLUTION LIABILITY CLAIM LIMIT OF LIABILITY
- Our liability for each "Contractor's Pollution Liability Claim" including "Claim Expenses" and "Cleanup Costs" shall not exceed the amount set out in the Declarations as Each "Contractor's Pollution Liability Claim" Limit of Liability – Coverage Part C. We shall not be obligated to pay any "Claim Expenses" or "Cleanup Costs" or undertake or continue the defense of an "Contractor's Pollution Liability Claim" after the Each "Contractor's Pollution Liability Claim" Limit of Liability has been tendered into court or exhausted by payment of "Claim Expenses" or "Cleanup Costs".
2. SELF INSURED RETENTION
- Our liability and obligation to indemnify you for "Claims Expenses" and "Cleanup Costs" under Coverage Part C for each "Contractor's Pollution Liability Claim" shall attach excess of the Self Insured Retention – Coverage Part C stated in the Declarations. The Self Insured Retention shall apply to each "Contractor's Pollution Liability Claim".
- b. Paragraph **C. AGGREGATE LIMIT OF LIABILITY** is deleted in its entirety and replaced with the following:
- C.** Subject to Sections A, B, and E, our total liability for all "Damages", "Losses", "Professional Liability Claim Expenses", "Claim Expenses", and "Cleanup Costs" under Coverage Parts A, B, and C, combined shall not exceed the amount set forth in the Declarations as the Aggregate Limit of Liability – Coverage Parts A, B, and C. We shall not be obligated to pay any "Damages", "Losses", "Professional Liability Claim Expenses", "Claim Expenses", and "Cleanup Costs" after the Aggregate Limit of Liability has been tendered into court or exhausted by payments for "Damages", "Losses", "Professional Liability Claim Expenses", "Claim Expenses", and "Cleanup Costs".
5. Section **VII. CONDITIONS, Item A., ACTION AGAINST US**, is amended by adding the following new paragraph:
4. As to Coverage C, no action shall lie against us unless, as a condition precedent thereto, there shall have been full compliance with all of the terms and conditions of this policy, and both your liability and the amount of your obligations to pay has been finally determined either by judgment against you after an actual trial or by your written agreement with the claimant or the claimant's legal representative with our approval.
- Any person or organization or the legal representative thereof who has secured such judgment or written agreement shall thereafter be entitled to recover under this policy to the extent of the insurance afforded by this policy. No person or organization shall have any right under this policy to join us as a party to any action against you to determine your liability, nor shall we be impleaded by you or your legal representative.

All other provisions of this policy remain unchanged.



List of Approved Surplus Line Insurers (LASLI)

International Insurance Company of Hannover Limited (UK)	09/29/1998
Interstate Fire & Casualty Company (Illinois)	10/20/1995
Ironshore Insurance Ltd. (Bermuda)	07/20/2011
Ironshore Specialty Insurance Company (Arizona)	10/02/2008
James River Insurance Company (Ohio)	08/04/1995
(Name changed from Fidelity Excess and Surplus Insurance Company effective 07/07/03)	
Lancashire Insurance Company (UK) Limited (U.K.)	11/17/2010
Lancashire Insurance Company Limited (Bermuda)	11/19/2009
Landmark American Insurance Company (Oklahoma)	09/30/2003
Lexington Insurance Company (Delaware)	07/28/1995
Liberty Mutual Insurance Europe Limited (U.K.)	10/27/1995
(Name changed from Liberty Mutual Insurance Company (U.K.) Limited effective 10/21/03)	
Liberty Surplus Insurance Corporation (New Hampshire)	12/18/1997

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Insurer	Date Approved
Malden Specialty Insurance Company (North Carolina)	11/13/2006
(Name changed from Integon Specialty Insurance Company effective 09/01/2009)	
The Marine Insurance Company Limited (UK)	11/03/1995
Markel International Insurance Company Limited (U.K.)	10/27/1995
(Name changed from Terra Nova Insurance Company Limited, effective 11/04/2002)	
Maxum Indemnity Company (Delaware)	09/29/1998
(Name changed from Caliber One Indemnity Company, effective 01/02/2003)	
Mesa Underwriters Specialty Insurance Company (New Jersey)	02/05/2012
(Name changed from Montpelier U.S. Insurance Company, effective 01/01/2012.)	
(Domicile changed from Oklahoma to New Jersey, effective 01/01/2012)	
Mitsui Sumitomo Insurance Company (Europe) Limited (U.K.)	06/10/2011
Mount Vernon Fire Insurance Company (Pennsylvania)	04/02/1997
Mt. Hawley Insurance Company (Illinois)	10/27/1995
(Domicile changed from Delaware to Kansas, effective 12/20/95. Domicile changed from Kansas to Illinois effective 4/21/1999)	
National Fire & Marine Insurance Company (Nebraska)	06/30/1995
Nautilus Insurance Company (Arizona)	08/04/1995
Navigators Specialty Insurance Company (New York)	12/08/1995
(Name changed from NIC Insurance Company effective 01/04/2007)	
Noetic Specialty Insurance Company (Vermont)	09/01/1995
(Domicile changed from Illinois to Vermont effective 01/18/2011)	
(Name changed from Coregis Indemnity Company effective 11/07/2001)	
North American Capacity Insurance Company (New Hampshire)	08/11/1995
Northfield Insurance Company (Iowa)	06/30/1995
(Domicile changed from Missouri to Iowa, effective 1/01/2002)	
Nutmeg Insurance Company (Connecticut)	06/30/1995
Pacific Insurance Company, Ltd. (Connecticut)	09/01/1995
Penn-Star Insurance Company (Pennsylvania)	11/13/2002
Princeton Excess and Surplus Lines Insurance Company (Delaware)	02/09/2006
ProAssurance Casualty Company (Michigan)	10/18/2005
(Name changed from ProNational Insurance Company effective 01/27/2009)	
Protective Specialty Insurance Company (Indiana)	06/01/2010

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Insurer	Date Approved
QBE Insurance (Europe) Limited (U.K.)	01/06/1999
(Name changed from QBE International Insurance Limited, effective 09/30/2005)	
QBE Specialty Insurance Company (North Dakota)	08/01/2003
RenaissanceRe Specialty Risks Ltd. (Bermuda)	07/05/1996
(Name changed from Glencoe Insurance Ltd. effective 04/13/2013)	
Rockhill Insurance Company (Arizona)	09/01/1995
(Name changed from United Coastal Insurance Company, effective 11/22/2005)	
Safeco Surplus Lines Insurance Company (New Hampshire)	10/20/1995
(Domicile changed from Washington to New Hampshire effective 04/05/2012)	
Savers Property and Casualty Insurance Company (Missouri)	06/30/1995
Scottsdale Insurance Company (Ohio)	06/30/1995
Seneca Specialty Insurance Company (Arizona)	02/02/2004
Shelter Reinsurance Company (Missouri)	10/18/2007
Sirius International Insurance Corporation (Sweden)	02/08/1999
SPARTA Specialty Insurance Company (Connecticut)	07/01/2011
St. Paul Surplus Lines Insurance Company (Delaware)	07/06/1995
Starr Surplus Lines Insurance Company (Illinois)	11/16/2010
Steadfast Insurance Company (Delaware)	07/18/1995