

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

420A 


FROM: TLMA - Transportation Department

SUBMITTAL DATE:
October 24, 2013

SUBJECT: Fred Waring Drive Roadway Improvements from Adams Street to Port Maria Road in the City of La Quinta and Bermuda Dunes Area, 4th/4th District [\$5,996,520, State Funds 34.2%, Local Funds 65.8%]

RECOMMENDED MOTION: That the Board of Supervisors:

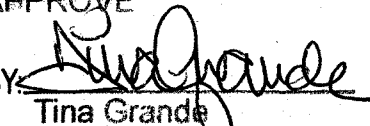
1. Approve two addenda to the plans and specifications issued prior to the September 4, 2013, bid opening; and
2. Accept the low bid of Granite Construction Company of Indio, CA in the amount of \$5,996,520; and
3. Award the contract to Granite Construction Company and authorize the Chairman of the Board of Supervisors to execute the contract documents; and
4. Approve the project's proposed budget as shown on Attachment "A."



Juan C. Perez
Director of Transportation and Land Management

JCP:jjr:sb

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (Per Exec. Office)
COST	\$ 5,996,520	\$ 0.00	\$ 5,996,520	\$ 2,500	Consent <input type="checkbox"/> Policy <input checked="" type="checkbox"/>
NET COUNTY COST	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
SOURCE OF FUNDS: Proposition 1B State-Local Partnership Program (34.2%), Transportation Uniform Mitigation Fee-CVAG (47.4%), Palm Desert Financing Authority (18.4%). There are no General Funds used in this project.				Budget Adjustment: Yes	
				For Fiscal Year: 2013/2014	

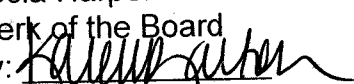
C.E.O. RECOMMENDATION: APPROVE
BY: 
Tina Grande

County Executive Office Signature

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Benoit, seconded by Supervisor Stone and duly carried, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Tavaglione, Stone and Benoit
Nays: None
Absent: Ashley
Date: November 26, 2013

Kecia Harper-Ihem
Clerk of the Board
By: 
Deputy

Prev. Agn. Ref.: 7/30/13, Item 3-52 | District: 4th/4th | Agenda Number:

3-47

BACKGROUND:

FORM APPROVED COUNTY COUNSEL
BY:  11/8/13
DATE

Departmental Concurrence

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

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

FORM 11: Fred Waring Drive, Roadway Improvements from Adams Street to Port Maria Road, in the City of La Quinta and Bermuda Dunes Area, 4th /4th District [\$5,996,520, State Funds 34.2%, Local Funds 65.8%]

DATE: October 24, 2013

PAGE: 2 of 2

Summary

By Minute Order dated July 30, 2013 (Agenda Item 3-52), the Board of Supervisors approved the plans and specifications for the construction of Fred Waring Drive from Adams Street to Port Maria Road in the City of La Quinta and Bermuda Dunes area and authorized the Clerk of the Board to advertise for bids. Bids were opened on September 4, 2013, for this project. The lowest responsible bid was submitted by Granite Construction Company of Indio, CA in the amount of \$5,996,520.

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.

During the advertisement period, two 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 and Addendum No. 2.

Two bids were received, ranging from \$5,996,520 to \$7,041,407. The basis for the selection of a contractor is the lowest responsive and responsible bid. The lowest responsible bid was submitted by Granite Construction Company in the amount of \$5,996,520, which is \$537,071 (8%) below the Engineer's Estimate.

The Contract is recommended to be awarded to Granite Construction for the amount of \$5,996,520. Construction is planned to finish in FY 2013/2014. The construction duration set for this project is for 120 working days.

Project No. B5-0689, and State Aid No. SLPPCL13-5956(220)

Impact on Residents and Businesses

This project is located within the jurisdictions of the County of Riverside (County) and the City of La Quinta (City). The Transportation Department, in coordination with the City, developed the scope of work necessary to widen Fred Waring Drive from four to six lanes.

The road will be widened approximately five feet on the south side and include the construction of a soundwall for the homes on the southerly side. A parking lane will be provided on the north side to allow for safe turning into and out of the residential driveways.

SUPPLEMENTAL:

Additional Fiscal Information

The Fred Waring Drive widening project is funded with a grant from Proposition 1B State-Local Partnership funds, Transportation Uniform Mitigation funds from Coachella Valley Association of Governments (CVAG), and Palm Desert Finance Authority funds. See Attachment "A" for proposed project costs and funding information. There are no General Funds used on this project.

The County and City will equally share the median ongoing maintenance estimate cost of \$5,000 at \$2,500 each.

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
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Minority

Status: M W DV None

Vendor/Lessor Location:	Indio, CA
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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:
Response Date:
of Responses:
of Qualified Responses:

Bidding Process:

Bid Range: \$ 5,996,520.00 to \$ 7,041,407.20
Local Bid Range: N/A
Responsive and Responsible Bid Range: \$ 5,996,520.00 to \$ 7,041,407.20

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

Attachment "A"

Riverside County Transportation Department

Project: **Fred Waring Dr: Adams St/Starlight Ln to Port Maria /City limit**

Project No.(s): **B5-0689**

PROJECT BUDGET AND EXPENSES

ACTIVITY	EXPENSES			BUDGET	
	INCURRED	PROJECTED	TOTAL	EXISTING	PROPOSED
Preliminary Survey	277,602	398	278,000	172,000	278,000
Environmental	432,226	774	433,000	389,000	433,000
Design	1,103,322	396,678	1,500,000	933,000	1,500,000
Right-of-way	256,653	283,347	540,000	540,000	540,000
Utilities	529	156,471	157,000	121,000	157,000
Construction	229,000	5,996,520	6,225,520		
Construction Contingency 10.0%		599,652	599,652	6,209,000	6,825,000
Construction (Supplemental & Agency Furnished)					
Construction Engineering & Inspection 14.7%	20,000	980,000	1,000,000	720,000	1,000,000
Construction Survey 5.1%	8,000	342,000	350,000	348,000	350,000
Totals:	2,327,332	8,755,840	11,083,172	9,432,000	11,083,000

PROJECT FUNDING

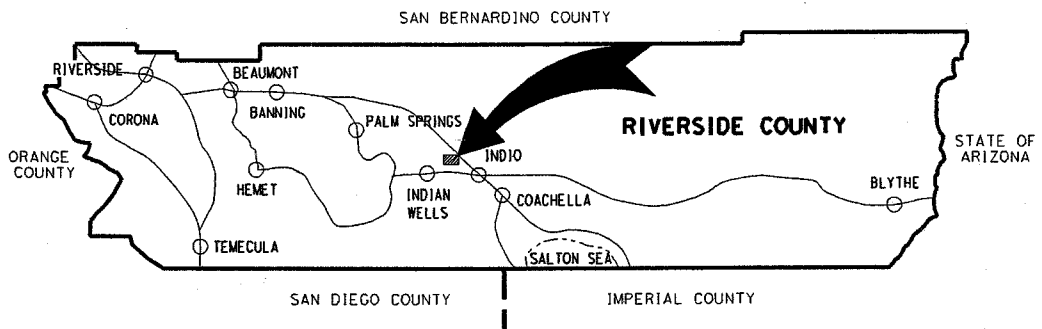
CODE	NAME	BUDGET	
		EXISTING	PROPOSED
218	Prop. 1B - State-Local Partnership Program	3,520,000	3,793,000
340	Transportation Uniform Mitigation Fee (CVAG)	4,045,000	5,251,000
866	Palm Desert Financing Authority	1,867,000	2,039,000
Totals		9,432,000	11,083,000

COMMENTS

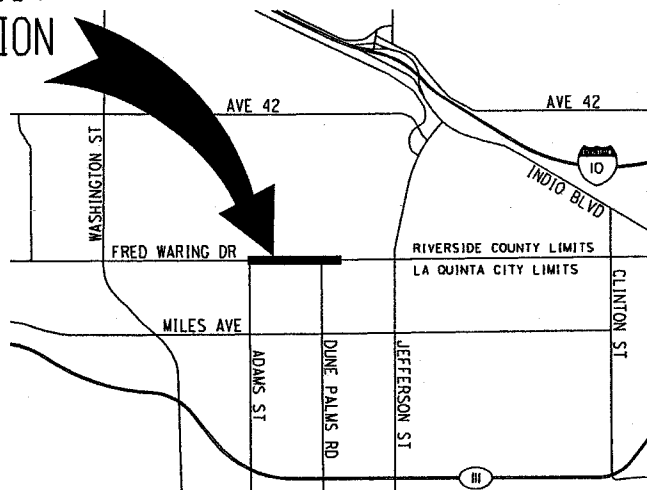
CVAG TAC Committee approved the construction funding on September 9, 2013. The funding is currently scheduled for approval by the Executive committee on September 30, 2013. The total project funding amount being approved by CVAG is \$5,370,000.

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT

Fred Waring Drive
Roadway Improvements
from Adams Street to Port Maria Road
in the City of La Quinta and Bermuda Dunes area
Project No. B5-0689
State Aid No. SLPPCL13-5956(220)



PROJECT
LOCATION



VICINITY MAP

TOWNSHIP 5S RANGE 7E SECTION 17 & 20
COUNTY ROAD BOOK PAGE No. 207

**Riverside County Transportation Department
Summary of Bids**

Advertised: July 30, 2013 (Agenda Item: 3-52)

Addenda: 1 (08/22/13), 2 (08/28/13)

Bids Open: 2 pm Date: Wednesday, September 4, 2013

**PROJECT: Fred Waring Drive, Roadway Improvements, from Adams Street
to Port Maria Road in the City of La Quinta and Bermuda Dunes area**

PROJECT No. B5-0689, State Aid No. SLPPCL13-5956(220)

ITEM NO.	ITEM CODE	CONTRACT ITEM	COUNTY'S ESTIMATE			Granite Construction Company Indio, CA 92203		
			UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	760090	MOBILIZATION, DEMOBILIZATION, AND FINAL CLEANUP	LS	1	390,000.00	390,000.00	390,000.00	390,000.00
2	066102	DUST ABATEMENT	LS	1	10,000.00	10,000.00	10,000.00	10,000.00
3	074020	WATER POLLUTION CONTROL	LS	1	15,000.00	15,000.00	15,000.00	15,000.00
4	160101	CLEARING AND GRUBBING	LS	1	50,000.00	50,000.00	50,000.00	50,000.00
5	170101	DEVELOP WATER SUPPLY	LS	1	8,000.00	8,000.00	8,000.00	8,000.00
6	000003	REMOVE MAILBOX	EA	21	50.00	1,050.00	50.00	1,050.00
7	000003	REMOVE BLOCK WALL	SQFT	16,885	2.50	42,212.50	5.00	84,425.00
8	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	5,074	2.00	10,148.00	0.35	1,775.90
9	150712	REMOVE PAINTED PAVEMENT MARKING	SQFT	902	5.00	4,510.00	1.25	1,127.50
10	150742	REMOVE ROADSIDE SIGN	EA	12	100.00	1,200.00	150.00	1,800.00
11	150770	REMOVE ASPHALT CONCRETE PAVEMENT	SQFT	164,563	1.20	197,475.60	0.35	57,597.05
12	150770	REMOVE ASPHALT CONCRETE PAVEMENT (DRIVEWAY)	SQFT	5,232	0.50	2,616.00	0.80	4,185.60
13	150812	REMOVE PIPE (12" RCP)	LF	9	30.00	270.00	150.00	1,350.00
14	150820	REMOVE INLET	EA	1	800.00	800.00	2,500.00	2,500.00
15	153210	REMOVE CONCRETE [PAVEMENT AND CROSS GUTTER]	SQFT	18,876	1.50	28,314.00	1.00	18,876.00
16	000003	REMOVE AND SALVAGE PLANTER BLOCK WALL ON PROPERTY	SQFT	684	15.00	10,260.00	5.00	3,420.00
17	000003	SALVAGE ROCK HARDSCAPE	SQFT	1,000	10.00	10,000.00	6.00	6,000.00
18	000003	REMOVE AND SALVAGE PICKET FENCE	SQFT	498	5.00	2,490.00	5.00	2,490.00
19	160120	REMOVE TREE	EA	40	400.00	16,000.00	500.00	20,000.00
20	153241	REMOVE CONCRETE (CURB, GUTTER AND SIDEWALK)	SQFT	16,084	1.80	28,951.20	1.20	19,300.80
21	120100	TRAFFIC CONTROL SYSTEM	LS	1	283,000.00	283,000.00	333,467.00	333,467.00
22	000003	TEMPORARY PAVEMENT (DETOUR)	LS	1	40,000.00	40,000.00	2,500.00	2,500.00
23	510502	MINOR CONCRETE (MINOR STRUCTURE) (4' X 0.5' RCB)	CY	11	1,320.00	14,520.00	1,100.00	12,100.00
24	510502	MINOR CONCRETE (MINOR STRUCTURE) (4.5' X 0.5' RCB)	CY	5	1,320.00	6,600.00	1,100.00	5,500.00
25	510502	MINOR CONCRETE (MINOR STRUCTURE) (4' X 0.67' RCB)	CY	5	1,320.00	6,600.00	1,100.00	5,500.00
26	510502	MINOR CONCRETE (MINOR STRUCTURE) (7' X 0.5' RCB)	CY	11	1,320.00	14,520.00	1,200.00	13,200.00
27	510502	MINOR CONCRETE (MINOR STRUCTURE) (7' X 1' RCB)	CY	302	1,320.00	398,640.00	1,200.00	362,400.00
28	000001	ITEM DELETED BY ADDENDUM						
29	650010	12" REINFORCED CONCRETE PIPE	LF	5	80.00	400.00	300.00	1,500.00
30	208603	8" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	10	60.00	600.00	10.00	100.00
31	017317	MINOR CONCRETE (CROSS-GUTTER AND SPANDREL) (CRS 209)	SQFT	5,549	9.00	49,941.00	8.00	44,392.00
32	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION) (CURB DRAIN SYSTEM PER DETAIL IN SHEET C-15)	CY	2	500.00	1,000.00	2,000.00	4,000.00
33	731507	MINOR CONCRETE (GUTTER DEPRESSION) (LA QUINTA STD PLAN NO. 330 - CASE C)	CY	3	650.00	1,950.00	2,500.00	7,500.00

**Riverside County Transportation Department
Summary of Bids**

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Addenda: 1 (08/22/13), 2 (08/28/13)

Bids Open: 2 pm Date: Wednesday, September 4, 2013

**PROJECT: Fred Waring Drive, Roadway Improvements, from Adams Street
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PROJECT No. B5-0689, State Aid No. SLPPCL13-5956(220)

ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	COUNTY'S ESTIMATE			Granite Construction Company Indio, CA 92203	
					UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE	
34	709904	CATCH BASIN (CURB INLET) (LA QUINTA STD PLAN NO. 300 - NO. 1)	EA	1	4,000.00	4,000.00	5,000.00	5,000.00	
35	000003	MANHOLE (RCFC&WCDS MH 256)	EA	3	2,500.00	7,500.00	1,000.00	3,000.00	
36	000003	JUNCTION STRUCTURE (LA QUINTA STD PLAN NO. 352)	EA	1	2,000.00	2,000.00	2,500.00	2,500.00	
37	000003	TRASH RACK (SPPWC STD PLAN NO. 361-2)	EA	1	1,500.00	1,500.00	6,000.00	6,000.00	
38	731504	MINOR CONCRETE (CURB AND GUTTER) (8')	LF	2,074	18.00	37,332.00	20.00	41,480.00	
39	730010	MINOR CONCRETE (CURB) (LA QUINTA STD PLAN NO. 210)	LF	4,915	9.00	44,235.00	10.00	48,150.00	
40	017307	MINOR CONCRETE (TYPE "C" CURB) (CRS 202)	LF	2,301	16.00	36,816.00	20.00	46,020.00	
41	017309	MINOR CONCRETE (TYPE "D" CURB) (CRS 204)	LF	371	10.00	3,710.00	20.00	7,420.00	
42	730010	MINOR CONCRETE (CURB) (TRANSITION)	LF	81	16.00	1,296.00	50.00	4,050.00	
43	731504	MINOR CONCRETE (CURB AND GUTTER) (TRANSITION 8" TO 12")	LF	82	20.00	1,640.00	40.00	3,280.00	
44	017310	MINOR CONCRETE (DRIVEWAY APPROACH) (CRS 207)	SQFT	630	10.00	6,300.00	5.00	3,150.00	
45	731519	MINOR CONCRETE (STAMPED COLORED CONCRETE PAVEMENT)	SQFT	36,773	8.00	294,184.00	10.00	387,730.00	
46	731521	MINOR CONCRETE (SIDEWALK)	SQFT	9,410	5.00	47,050.00	4.00	37,640.00	
47	510501	MINOR CONCRETE [CONCRETE STRIP]	SQFT	2,395	5.00	11,975.00	6.00	14,370.00	
48	731623	MINOR CONCRETE (CURB RAMP) (LA QUINTA STD PLAN NO. 250 - CASE B)	SQFT	845	7.00	5,915.00	6.00	5,070.00	
49	731623	MINOR CONCRETE (CURB RAMP) (CALTRANS STD PLAN A88A - CASE C)	SQFT	135	7.50	1,012.50	6.00	810.00	
50	731623	MINOR CONCRETE (CURB RAMP) (CALTRANS STD PLAN A88A - CASE F)	SQFT	144	8.00	1,152.00	6.00	864.00	
51	731623	MINOR CONCRETE (CURB RAMP) (CALTRANS STD PLAN A88B - CASE CM)	SQFT	200	8.00	1,600.00	6.00	1,200.00	
52	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	SQFT	673	7.00	4,711.00	6.00	4,038.00	
53	000003	GUTTER WITH CURBS	LF	55	20.00	1,100.00	90.00	4,950.00	
54	510501	MINOR CONCRETE [SPLIT GRADE MEDIAN NOSE]	LF	195	170.00	33,150.00	100.00	19,500.00	
55	839510	HEADLIGHT GLARE SCREEN	LF	195	70.00	13,650.00	65.00	12,675.00	
56	510501	MINOR CONCRETE [PCC RETAINING CURB]	LF	60	30.00	1,800.00	25.00	1,500.00	
57	510501	MINOR CONCRETE [UTILITY ISLAND]	SQFT	278	8.00	2,224.00	5.00	1,390.00	
58	510501	MINOR CONCRETE [WATER METER PAD]	SQFT	128	10.00	1,280.00	5.00	640.00	
59	518002	SOUND WALL (MASONRY BLOCK) (RANCHO OCOTILLO)	LS	1	863,000.00	863,000.00	500,000.00	500,000.00	
60	518002	SOUND WALL (MASONRY BLOCK) (LA QUINTA PALMS)	LS	1	606,000.00	606,000.00	750,000.00	750,000.00	
61	013901	RUBBERIZED HOT MIX ASPHALT	TON	3,617	90.00	325,530.00	95.00	343,615.00	
62	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQFT	132,701	1.00	132,701.00	0.25	33,175.25	
63	190101	ROADWAY EXCAVATION	CY	3,390	10.00	33,900.00	8.00	27,120.00	

**Riverside County Transportation Department
Summary of Bids**

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ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	COUNTY'S ESTIMATE			Granite Construction Company Indio, CA 92203	
					UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE	
64	198010	IMPORTED BORROW	CY	4,370	40.00	174,800.00	12.00	52,440.00	
65	260201	CLASS 2 AGGREGATE BASE	CY	2,599.0	45.00	116,955.00	60.00	155,940.00	
66	390132	HOT MIX ASPHALT (TYPE A)	TON	3,636	65.00	309,060.00	80.00	290,880.00	
67	731516	MINOR CONCRETE (DRIVEWAY) [PAVING WITH CONCRETE PAVERS]	SQFT	3,762	25.00	94,050.00	10.00	37,620.00	
68	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	23099	0.50	11,549.50	0.40	9,239.60	
69	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	1658	8.00	13,264.00	3.50	5,803.00	
70	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	391	6.00	2,346.00	3.00	1,173.00	
71	015602	FUNDING AWARENESS SIGN	EA	2	1,000.00	2,000.00	500.00	1,000.00	
72	066148	RELOCATE SIGNS	EA	10	150.00	1,500.00	250.00	2,500.00	
73	566011	ROADSIDE SIGN - ONE POST	EA	22	250.00	5,500.00	250.00	5,500.00	
74	820107	DELINEATOR (CLASS 1)	EA	50	50.00	2,500.00	40.00	2,000.00	
75	820130	OBJECT MARKER	EA	15	120.00	1,800.00	60.00	900.00	
76	000003	CONSTRUCT MONUMENT SIGN	EA	1	4,000.00	4,000.00	10,000.30	10,000.30	
77	511035	ARCHITECTURAL TREATMENT [WALL PLAQUE]	EA	2	1,850.00	3,700.00	6,000.00	12,000.00	
78	000003	POST MOUNTED MAILBOX	EA	21	250.00	5,250.00	100.00	2,100.00	
79	000001	ITEM DELETED BY ADDENDUM							
80	861501	MODIFY SIGNAL AND LIGHTING (ADAMS STREET)	LS	1	45,000.00	45,000.00	130,000.00	130,000.00	
81	861501	MODIFY SIGNAL AND LIGHTING (DUNE PALMS ROAD)	LS	1	150,000.00	150,000.00	175,000.00	175,000.00	
82	000001	ITEM DELETED BY ADDENDUM							
83	518201	MASONRY BLOCK WALL	SQFT	8,051	40.00	322,040.00	30.00	241,530.00	
84	513553	RETAINING WALL (MASONRY WALL)	SQFT	980	60.00	58,800.00	35.00	34,300.00	
85	731516	MINOR CONCRETE (DRIVEWAY)	SQFT	8,514	8.00	68,112.00	6.00	51,084.00	
86	510501	MINOR CONCRETE [WALKWAY AND PAVEMENT INFILL]	SQFT	180	7.00	1,260.00	6.00	960.00	
87	731519	MINOR CONCRETE (STAMPED CONCRETE) [FOR DRIVEWAY]	SQFT	720	9.00	6,480.00	8.00	5,760.00	
88	000003	RECONSTRUCT PILASTER TO MATCH EXISTING	EA	20	400.00	8,000.00	1,800.00	36,000.00	
89	000003	ADJUST MANUAL DRIVEWAY SLIDING GATE	EA	3	4,000.00	12,000.00	1,500.00	4,500.00	
90	000003	ADJUST MOTORIZED DRIVEWAY SLIDING GATE	EA	12	7,500.00	90,000.00	2,000.00	24,000.00	
91	000003	MANUAL DRIVEWAY SLIDING GATE	EA	1	4,000.00	4,000.00	5,000.00	5,000.00	
92	000001	ITEM DELETED BY ADDENDUM							
93	000001	ITEM DELETED BY ADDENDUM							
94	000003	RECONSTRUCT GATE TRENCH	EA	5	3,500.00	17,500.00	6,000.00	30,000.00	
95	000001	ITEM DELETED BY ADDENDUM							
96	000003	ADJUST PEDESTRIAN GATES	EA	6	1,500.00	9,000.00	750.00	4,500.00	
97	000003	REMOVE AND RECONSTRUCT CONCRETE STEPS	SQFT	350	25.00	8,750.00	35.00	12,250.00	

**Riverside County Transportation Department
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Bids Open: 2 pm Date: Wednesday, September 4, 2013

PROJECT: Fred Waring Drive, Roadway Improvements, from Adams Street
to Port Maria Road in the City of La Quinta and Bermuda Dunes area

PROJECT No. B5-0689, State Aid No. SLPPL13-5956(220)

ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	COUNTY'S ESTIMATE			Granite Construction Company Indio, CA 92203	
					UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE	
98	000003	CONSTRUCT CONCRETE STEPS	SQFT	20	20.00	400.00	80.00	1,600.00	
99	000003	CONSTRUCT DUMPSTER ENCLOSURE	EA	1	2,500.00	2,500.00	5,000.00	5,000.00	
100	000003	REMOVE AND RECONSTRUCT WROUGHT IRON FENCE ON BLOCK WALL	LS	1	8,000.00	8,000.00	6,000.00	6,000.00	
101	000003	CONSTRUCT BLOCK RETAINING WALL PER SPPWC STD PLAN NO.618-3 WITH BRICK CAP	LF	50	70.00	3,500.00	225.00	11,250.00	
102	151554	RECONSTRUCT CHAIN LINK GATE (TYPE CL-6), (SLATTED WITH BARBED WIRE, L=8')	EA	2	1,000.00	2,000.00	1,100.00	2,200.00	
103	151540	RECONSTRUCT CHAIN LINK FENCE (TYPE CL-6), (SLATTED WITH BARBED WIRE)	LF	90	45.00	4,050.00	75.00	6,750.00	
104	000003	LANDSCAPE REPLACEMENT (BERMUDA DUNES HOMES)	LS	1	100,000.00	100,000.00	40,000.00	40,000.00	
105	000003	LANDSCAPE REPLACEMENT (RANCHO OCOTILLO HOMES)	LS	1	50,000.00	50,000.00	20,000.00	20,000.00	
106	000003	FINE GRADING	SQFT	9,830	0.35	3,440.50	1.00	9,830.00	
107	000003	IRRIGATION & ELECTRICAL STREET CROSSINGS	LS	1	28,500.00	28,500.00	20,000.00	20,000.00	
108	000003	2" DEPTH DECOMPOSED GRANITE TYPE #1	SQFT	4,170	0.85	3,544.50	2.00	8,340.00	
109	000003	2" DEPTH DECOMPOSED GRANITE TYPE #2	SQFT	5,660	0.85	4,811.00	2.50	14,150.00	
110	000003	3' DIAMETER CALIF. GOLD BOULDERS	EA	24	150.00	3,600.00	150.00	3,600.00	
111	000003	3' DIAMETER CALIF. GOLD BOULDERS	EA	21	320.00	6,720.00	150.00	3,150.00	
112	000003	4' DIAMETER CALIF. GOLD BOULDERS	EA	2	600.00	1,200.00	300.00	600.00	
113	000003	PERMA-LOC ASPHALT EDGE	LF	754	6.25	4,712.50	15.00	11,310.00	
114	000003	4"-8" ARIZONA COBBLE DECORATIVE ROCK	SQFT	2,708	1.75	4,739.00	4.00	10,832.00	
115	000003	INSTALL COMPLETE AUTOMATIC IRRIGATION SYSTEM PER PLANS. (HOT TAP, SERVICE LINE, METER BY CVWD)	LS	1	65,000.00	65,000.00	50,000.00	50,000.00	
116	000003	INSTALL ELECTRICAL/LANDSCAPE LIGHTING SYSTEM PER PLANS	LS	1	101,802.00	101,802.00	105,000.00	105,000.00	
117	000003	ACACIA STENOPHYLLA (24" BOX)	EA	4	255.00	1,020.00	350.00	1,400.00	
118	000003	CERCIDIUM X 'DESERT MUSEUM' (24" BOX MULTI-TRUNK)	EA	6	255.00	1,530.00	425.00	2,550.00	
119	000003	CHILOPSIS LINEARIS (24" BOX)	EA	9	255.00	2,295.00	350.00	3,150.00	
120	000003	LAGERSTROEMIA INDICA 'WATERMELON RED' (24" BOX)	EA	2	255.00	510.00	350.00	700.00	
121	000003	PYRUS KAWAKAMII (24" BOX)	EA	4	255.00	1,020.00	400.00	1,600.00	
122	000003	BRAHEA ARMATA (3'-5')	EA	15	300.00	4,500.00	475.00	7,125.00	
123	000003	CHAMAEROPS HUMILIS (24" BOX)	EA	21	300.00	6,300.00	400.00	8,400.00	
124	000003	WASHINGTONIA ROBUSTA (10'-14' BTH)	EA	9	1,600.00	14,400.00	1,500.00	13,500.00	
125	000003	CAESALPINIA PULCHERRIMA (5 GAL)	EA	9	20.00	180.00	40.00	360.00	
126	000003	CASSIA NEMOPHILA (5 GAL)	EA	9	20.00	180.00	40.00	360.00	
127	000003	DASYLLIRION WHEELERI (5 GAL)	EA	22	20.00	440.00	40.00	880.00	

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Fred Waring Drive, Roadway Improvements, from Adams Street
to Port Maria Road in the City of La Quinta and Bermuda Dunes area**

Advertised: July 30, 2013 (Agenda Item: 3-52)

Addenda: 1 (08/22/13), 2 (08/28/13)

Bids Open: 2 pm Date: Wednesday, September 4, 2013

PROJECT No. B5-0689, State Aid No. SLPPCL13-5956(220)

ITEM NO.		ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
128	000003		ECHINOCACTUS GRUSONII (8" - 12")	EA	30	20.00	600.00	65.00	1,950.00
129	000003		FOUGUIERIA SPLENDENS (7 CANE MIN.)	EA	13	45.00	585.00	100.00	1,300.00
130	000003		HESPERALOE PARVIFLORA (5 GAL)	EA	6	20.00	120.00	40.00	240.00
131	000003		LEUCOPHYLLUM CANDIDUM 'THUNDER CLOUD' (5 GAL)	EA	10	20.00	200.00	45.00	450.00
132	000003		RUELLIA BRITTONIANA (5 GAL)	EA	8	20.00	160.00	40.00	320.00
133	000003		SALVIA GREGGII (5 GAL)	EA	20	20.00	400.00	40.00	800.00
134	000003		BOUGAINVILLEA '00-LA-LA' (5 GAL)	EA	19	30.00	570.00	65.00	1,235.00
135	000003		LANTANA CAMARA (1 GAL)	EA	27	15.00	405.00	30.00	810.00
136	000003		LANTANA MONTEVIDENSIS (5 GAL)	EA	17	20.00	340.00	40.00	680.00
137	000003		STAMPED CONCRETE PAVING FOR MEDIAN	SQFT	4,032	14.00	56,448.00	8.00	32,256.00
138	000003		BOUGAINVILLEA '00-LA-LA' REPLACEMENT PLANTS (5 GAL)	EA	22	30.00	660.00	65.00	1,430.00
139	000003		CASSIA NEMOPHILA REPLACEMENT PLANTS (5 GAL)	EA	58	20.00	1,160.00	40.00	2,320.00
140	000003		LANTANA MONTEVIDENSIS REPLACEMENT PLANTS (5 GAL)	EA	20	20.00	400.00	40.00	800.00
141	000003		REPLACE EXISTING LANDSCAPING AND IRRIGATION REMOVED/DAMAGED DUE TO BLOCK WALL CONSTRUCTION	LS	1	35,000.00	35,000.00	20,000.00	20,000.00
142	000003		ONE YEAR MAINTENANCE/ PLANT ESTABLISHMENT	LS	1	25,000.00	25,000.00	25,000.00	25,000.00
143	152402		ADJUST WATER VALVE COVER TO GRADE [CVWVD]	EA	4	400.00	1,600.00	800.00	3,200.00
144	000003		IMPERIAL IRRIGATION DISTRICT (IID) IMPROVEMENTS	LS	1	15,000.00	15,000.00	65,000.00	65,000.00
145	510502		MINOR CONCRETE (TRANSITION STRUCTURE)	CY	54	1,320.00	71,280.00	1,300.00	70,200.00
146	510501		MINOR CONCRETE (CONTINUOUS REINFORCED CONCRETE STRIP)	SQFT	5,101	20.00	102,020.00	18.00	91,818.00
147	000003		PLANTER WALL RETROFIT AND HEIGHT EXTENSION	LS	1	15,000.00	15,000.00	75,000.00	75,000.00
148	000003		CONSTRUCT SLOUGH WALL	LF	190	20.00	3,800.00	50.00	9,500.00
149	000003		BLOCK WALL HEIGHT EXTENSION WITH TUBULAR STEEL FENCE	LS	1	8,000.00	8,000.00	20,000.00	20,000.00
150	000003		WALL MOUNTED CALL BOX	EA	2	400.00	800.00	1,000.00	2,000.00
151	000003		SALVAGE AND REINSTALL LIGHTS ON WALLS AND PILASTERS	EA	5	800.00	4,000.00	500.00	2,500.00
152	000003		SALVAGE AND REINSTALL STATUES ON PILASTERS	EA	4	1,000.00	4,000.00	400.00	1,600.00
153	000003		SALVAGE AND REINSTALL FLAG POLE AND UPLIGHTS	LS	1	2,500.00	2,500.00	5,000.00	5,000.00
154	994647		ARCHITECTURAL WORK (DECORATIVE ARCHES)	EA	3	2,000.00	6,000.00	8,000.00	24,000.00
155	800360		CHAIN LINK FENCE (TYPE CL-8), SLATTED	LF	38	30.00	1,140.00	50.00	1,900.00
156	000003		REMOVE INTERLOCKING CONCRETE PAVEMENT BLOCKS	LS	1	3,500.00	3,500.00	5,000.00	5,000.00
157	000003		MINOR CONCRETE (6" CURB AND GUTTER- REVERSE & TRANSITION GUTTERS)	LF	80	20.00	1,600.00	40.00	3,200.00
158	860408		STREET LIGHTING	LS	1	16,000.00	16,000.00	25,000.00	25,000.00
PROJECT TOTAL							6,533,590.80		5,996,520.00
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**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Fred Waring Drive, Roadway Improvements, from Adams Street
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Advised: July 30, 2013 (Agenda Item: 3-52)
Addenda: 1 (08/22/13), 2 (08/28/13)

Bids Open: 2 pm Date: Wednesday, September 4, 2013

PROJECT No. B5-0689, State Aid No. SLPPCL13-5956(220)

ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
1	760090	MOBILIZATION, DEMOBILIZATION, AND FINAL CLEANUP	LS	1	100,000.00	100,000.00
2	066102	DUST ABATEMENT	LS	1	10,000.00	10,000.00
3	074020	WATER POLLUTION CONTROL	LS	1	15,000.00	15,000.00
4	160101	CLEARING AND GRUBBING	LS	1	50,000.00	50,000.00
5	170101	DEVELOP WATER SUPPLY	LS	1	8,000.00	8,000.00
6	000003	REMOVE MAILBOX	EA	21	100.00	2,100.00
7	000003	REMOVE BLOCK WALL	SQFT	16,885	5.00	84,425.00
8	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	5,074	0.40	2,029.60
9	150712	REMOVE PAINTED PAVEMENT MARKING	SQFT	902	3.00	2,706.00
10	150742	REMOVE ROADSIDE SIGN	EA	12	100.00	1,200.00
11	150770	REMOVE ASPHALT CONCRETE PAVEMENT	SQFT	164,563	1.50	246,844.50
12	150770	REMOVE ASPHALT CONCRETE PAVEMENT (DRIVEWAY)	SQFT	5,232	2.00	10,464.00
13	150812	REMOVE PIPE (12" RCP)	LF	9	200.00	1,800.00
14	150820	REMOVE INLET	EA	1	1,500.00	1,500.00
15	153210	REMOVE CONCRETE [PAVEMENT AND CROSS GUTTER]	SQFT	18,876	2.00	37,752.00
16	000003	REMOVE AND SALVAGE PLANTER BLOCK WALL ON PROPERTY	SQFT	684	14.00	9,576.00
17	000003	SALVAGE ROCK HARDSCAPE	SQFT	1,000	10.00	10,000.00
18	000003	REMOVE AND SALVAGE PICKET FENCE	SQFT	498	6.50	3,237.00
19	160120	REMOVE TREE	EA	40	1,500.00	60,000.00
20	153241	REMOVE CONCRETE (CURB, GUTTER AND SIDEWALK)	SQFT	16,084	1.25	20,105.00
21	120100	TRAFFIC CONTROL SYSTEM	LS	1	719,000.00	719,000.00
22	000003	TEMPORARY PAVEMENT (DETOUR)	LS	1	15,000.00	15,000.00
23	510502	MINOR CONCRETE (MINOR STRUCTURE) (4' X 0.5' RCB)	CY	11	1,029.00	11,319.00
24	510502	MINOR CONCRETE (MINOR STRUCTURE) (4.5' X 0.5' RCB)	CY	5	1,029.00	5,145.00
25	510502	MINOR CONCRETE (MINOR STRUCTURE) (4' X 0.67' RCB)	CY	5	1,029.00	5,145.00
26	510502	MINOR CONCRETE (MINOR STRUCTURE) (7' X 0.5' RCB)	CY	11	1,029.00	11,319.00
27	510502	MINOR CONCRETE (MINOR STRUCTURE) (7' X 1' RCB)	CY	302	1,029.00	310,758.00
28	000001	ITEM DELETED BY ADDENDUM	---	---	---	---
29	650010	12" REINFORCED CONCRETE PIPE	LF	5	200.00	1,000.00
30	208603	8" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	10	200.00	2,000.00
31	017317	MINOR CONCRETE (CROSS-GUTTER AND SPANDREL) (CRS 209)	SQFT	5,549	8.25	45,779.25
32	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION) (CURB DRAIN SYSTEM PER DETAIL IN SHEET C-15)	CY	2	4,500.00	9,000.00
33	731507	MINOR CONCRETE (GUTTER DEPRESSION) (LA QUINTA STD PLAN NO. 330 - CASE C)	CY	3	800.00	2,400.00

Los Angeles Engineering, Inc.
Covina, CA 91723

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ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
34	709904	CATCH BASIN ((CURB INLET) (LA QUINTA STD PLAN NO. 300 - NO. 1))	EA	1	2,800.00	2,800.00
35	000003	MANHOLE (RCF&WCDS MH 256)	EA	3	1,500.00	4,500.00
36	000003	JUNCTION STRUCTURE (LA QUINTA STD PLAN NO. 352)	EA	1	2,800.00	2,800.00
37	000003	TRASH RACK (SPPWG STD PLAN NO. 361-2)	EA	1	2,000.00	2,000.00
38	731504	MINOR CONCRETE (CURB AND GUTTER) (8")	LF	2,074	30.00	62,220.00
39	730010	MINOR CONCRETE (CURB) (LA QUINTA STD PLAN NO. 210)	LF	4,915	14.00	68,810.00
40	017307	MINOR CONCRETE (TYPE "C" CURB) (CRS 202)	LF	2,301	26.00	59,826.00
41	017309	MINOR CONCRETE (TYPE "D" CURB) (CRS 204)	LF	371	23.00	8,533.00
42	730010	MINOR CONCRETE (CURB) (TRANSITION)	LF	81	30.00	2,430.00
43	731504	MINOR CONCRETE (CURB AND GUTTER) (TRANSITION 8" TO 12")	LF	82	35.00	2,870.00
44	017310	MINOR CONCRETE (DRIVEWAY APPROACH) (CRS 207)	SQFT	630	10.00	6,300.00
45	731519	MINOR CONCRETE (STAMPED COLORED CONCRETE PAVEMENT)	SQFT	36,773	10.00	367,730.00
46	731521	MINOR CONCRETE (SIDEWALK)	SQFT	9,410	4.25	39,992.50
47	510501	MINOR CONCRETE [CONCRETE STRIP]	SQFT	2,395	8.00	19,160.00
48	731623	MINOR CONCRETE (CURB RAMP) (LA QUINTA STD PLAN NO. 250 - CASE B)	SQFT	845	14.50	12,252.50
49	731623	MINOR CONCRETE (CURB RAMP) (CALTRANS STD PLAN A88A - CASE C)	SQFT	135	16.50	2,227.50
50	731623	MINOR CONCRETE (CURB RAMP) (CALTRANS STD PLAN A88A - CASE F)	SQFT	144	15.50	2,232.00
51	731623	MINOR CONCRETE (CURB RAMP) (CALTRANS STD PLAN A88B - CASE CM)	SQFT	200	11.50	2,300.00
52	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	SQFT	673	13.50	9,085.50
53	000003	GUTTER WITH CURBS	LF	55	60.00	3,300.00
54	510501	MINOR CONCRETE [SPLIT GRADE MEDIAN NOSE]	LF	195	35.00	6,825.00
55	839510	HEADLIGHT GLARE SCREEN	LF	195	74.00	14,430.00
56	510501	MINOR CONCRETE [PCC RETAINING CURB]	LF	60	60.00	3,600.00
57	510501	MINOR CONCRETE [UTILITY ISLAND]	SQFT	278	10.00	2,780.00
58	510501	MINOR CONCRETE [WATER METER PAD]	SQFT	128	10.00	1,280.00
59	518002	SOUND WALL (MASONRY BLOCK) (RANCHO COOTILLO)	LS	1	500,000.00	500,000.00
60	518002	SOUND WALL (MASONRY BLOCK) (LA QUINTA PALMS)	LS	1	630,000.00	630,000.00
61	013901	RUBBERIZED HOT MIX ASPHALT	TON	3,617	125.00	452,125.00
62	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQFT	132,701	0.25	33,175.25
63	190101	ROADWAY EXCAVATION	CY	3,390	28.00	94,920.00

Los Angeles Engineering, Inc.
Covina, CA 91723

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2
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Covina, CA 91723

ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
64	198010	IMPORTED BORROW	CY	4,370	57.00	248,090.00
65	260201	CLASS 2 AGGREGATE BASE	CY	2,599.0	63.00	163,737.00
66	390132	HOT MIX ASPHALT (TYPE A)	TON	3,636	85.00	309,060.00
67	731516	MINOR CONCRETE (DRIVEWAY) [PAVING WITH CONCRETE PAVERS]	SQFT	3,762	16.00	60,192.00
68	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	23099	0.40	9,239.60
69	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	1658	3.50	5,803.00
70	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	391	3.00	1,173.00
71	015602	FUNDING AWARENESS SIGN	EA	2	3,000.00	6,000.00
72	068148	RELOCATE SIGNS	EA	10	150.00	1,500.00
73	566011	ROADSIDE SIGN - ONE POST	EA	22	250.00	5,500.00
74	820107	DELINEATOR (CLASS 1)	EA	50	50.00	2,500.00
75	820130	OBJECT MARKER	EA	15	50.00	750.00
76	000003	CONSTRUCT MONUMENT SIGN	EA	1	17,000.00	17,000.00
77	511035	ARCHITECTURAL TREATMENT [WALL PLAQUE]	EA	2	17,000.00	34,000.00
78	000003	POST MOUNTED MAILBOX	EA	21	250.00	5,250.00
79	000001	ITEM DELETED BY ADDENDUM				
80	861501	MODIFY SIGNAL AND LIGHTING (ADAMS STREET)	LS	1	125,000.00	125,000.00
81	861501	MODIFY SIGNAL AND LIGHTING (DUNE PALMS ROAD)	LS	1	170,000.00	170,000.00
82	000001	ITEM DELETED BY ADDENDUM				
83	518201	MASONRY BLOCK WALL	SQFT	8,051	44.00	354,244.00
84	513553	RETAINING WALL (MASONRY WALL)	SQFT	980	35.00	34,300.00
85	731516	MINOR CONCRETE (DRIVEWAY)	SQFT	8,514	9.50	80,883.00
86	510501	MINOR CONCRETE [WALKWAY AND PAVEMENT INFILL]	SQFT	160	10.00	1,600.00
87	731519	MINOR CONCRETE (STAMPED CONCRETE) [FOR DRIVEWAY]	SQFT	720	12.00	8,640.00
88	000003	RECONSTRUCT PILASTER TO MATCH EXISTING	EA	20	1,750.00	35,000.00
89	000003	ADJUST MANUAL DRIVEWAY SLIDING GATE	EA	3	6,000.00	18,000.00
90	000003	ADJUST MOTORIZED DRIVEWAY SLIDING GATE	EA	12	3,250.00	39,000.00
91	000003	MANUAL DRIVEWAY SLIDING GATE	EA	1	11,500.00	11,500.00
92	000001	ITEM DELETED BY ADDENDUM				
93	000001	ITEM DELETED BY ADDENDUM				
94	000003	RECONSTRUCT GATE TRENCH	EA	5	3,000.00	15,000.00
95	000001	ITEM DELETED BY ADDENDUM				
96	000003	ADJUST PEDESTRIAN GATES	EA	6	1,510.00	9,060.00
97	000003	REMOVE AND RECONSTRUCT CONCRETE STEPS	SQFT	350	20.00	7,000.00

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2
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Covina, CA 91723

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98	000003	CONSTRUCT CONCRETE STEPS	SQFT	20	60.00	1,200.00
99	000003	CONSTRUCT DUMPSTER ENCLOSURE	EA	1	20,000.00	20,000.00
100	000003	REMOVE AND RECONSTRUCT WROUGHT IRON FENCE ON BLOCK WALL	LS	1	10,000.00	10,000.00
101	000003	CONSTRUCT BLOCK RETAINING WALL PER SPPWC STD PLAN NO.618-3 WITH BRICK CAP	LF	50	180.00	9,000.00
102	151554	RECONSTRUCT CHAIN LINK GATE (TYPE CL-6), (SLATTED WITH BARBED WIRE, L=8')	EA	2	1,100.00	2,200.00
103	151540	RECONSTRUCT CHAIN LINK FENCE (TYPE CL-6), (SLATTED WITH BARBED WIRE)	LF	90	75.00	6,750.00
104	000003	LANDSCAPE REPLACEMENT (BERMUDA DUNES HOMES)	LS	1	15,000.00	15,000.00
105	000003	LANDSCAPE REPLACEMENT (RANCHO OCOTILLO HOMES)	LS	1	50,000.00	50,000.00
106	000003	FINE GRADING	SQFT	9,830	0.50	4,915.00
107	000003	IRRIGATION & ELECTRICAL STREET CROSSINGS	LS	1	5,000.00	5,000.00
108	000003	2" DEPTH DECOMPOSED GRANITE TYPE #1	SQFT	4,170	2.00	8,340.00
109	000003	2" DEPTH DECOMPOSED GRANITE TYPE #2	SQFT	5,660	3.00	16,980.00
110	000003	2' DIAMETER CALIF. GOLD BOULDERS	EA	24	168.00	4,032.00
111	000003	3' DIAMETER CALIF. GOLD BOULDERS	EA	21	320.00	6,720.00
112	000003	4' DIAMETER CALIF. GOLD BOULDERS	EA	2	400.00	800.00
113	000003	PERMA-LOC ASPHALT EDGE	LF	754	11.00	8,294.00
114	000003	4'-8" ARIZONA COBBLE DECORATIVE ROCK	SQFT	2,708	5.00	13,540.00
115	000003	INSTALL COMPLETE AUTOMATIC IRRIGATION SYSTEM PER PLANS. (HOT TAP, SERVICE LINE, METER BY CVWD)	LS	1	90,000.00	90,000.00
116	000003	INSTALL ELECTRICAL/LANDSCAPE LIGHTING SYSTEM PER PLANS	LS	1	120,000.00	120,000.00
117	000003	ACACIA STENOPHYLLA (24" BOX)	EA	4	350.00	1,400.00
118	000003	CERCIDIUM X 'DESERT MUSEUM' (24" BOX MULTI-TRUNK)	EA	6	360.00	2,160.00
119	000003	CHILOPSIS LINEARIS (24" BOX)	EA	9	400.00	3,600.00
120	000003	LAGERSTROEMIA INDICA 'WATERMELON RED' (24" BOX)	EA	2	360.00	720.00
121	000003	PYRUS KAWAKAMII (24" BOX)	EA	4	365.00	1,460.00
122	000003	BRAHEA ARMATA (3'-5')	EA	15	1,750.00	26,250.00
123	000003	CHAMAEROPS HUMILIS (24" BOX)	EA	21	650.00	13,650.00
124	000003	WASHINGTONIA ROBUSTA (10'-14" BTH)	EA	9	1,280.00	11,520.00
125	000003	CAESALPINIA PULCHERRIMA (5 GAL)	EA	9	31.00	279.00
126	000003	CASSIA NEMOPHILA (5 GAL)	EA	9	31.00	279.00
127	000003	DASYLLIRION WHEELERI (5 GAL)	EA	22	45.00	990.00

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Fred Waring Drive, Roadway Improvements, from Adams Street
to Port Maria Road in the City of La Quinta and Bermuda Dunes area**

Advertised: July 30, 2013 (Agenda Item: 3-52)

Addenda: 1 (08/22/13), 2 (08/28/13)

Bids Open: 2 pm Date: Wednesday, September 4, 2013

PROJECT No. B5-0689, State Aid No. SLPPCL13-5956(220)

		2		Los Angeles Engineering, Inc. Covina, CA 91723		
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
128	000003	ECHINOCACTUS GRUSONII (8" - 12")	EA	30	57.00	1,710.00
129	000003	FOUGUIERIA SPLENDENS (7 CANE MIN.)	EA	13	250.00	3,250.00
130	000003	HESPERALOE PARVIFLORA (5 GAL)	EA	6	72.00	432.00
131	000003	LEUCOPHYLLUM CANDIDUM 'THUNDER CLOUD' (5 GAL)	EA	10	48.00	480.00
132	000003	RUPELLIA BRITTONIANA (5 GAL)	EA	8	60.00	480.00
133	000003	SALVIA GREGGII (5 GAL)	EA	20	28.00	560.00
134	000003	BOUGAINVILLEA '00-LA-LA' (5 GAL)	EA	19	30.00	570.00
135	000003	LANTANA CAMARA (1 GAL)	EA	27	18.00	486.00
136	000003	LANTANA MONTEVIDENSIS (5 GAL)	EA	17	30.00	510.00
137	000003	STAMPED CONCRETE PAVING FOR MEDIAN	SQFT	4,032	7.00	28,224.00
138	000003	BOUGAINVILLEA '00-LA-LA' REPLACEMENT PLANTS (5 GAL)	EA	22	44.00	968.00
139	000003	CASSIA NEMOPHILA REPLACEMENT PLANTS (5 GAL)	EA	58	36.00	2,088.00
140	000003	LANTANA MONTEVIDENSIS REPLACEMENT PLANTS (5 GAL)	EA	20	28.00	560.00
141	000003	REPLACE EXISTING LANDSCAPING AND IRRIGATION REMOVED/DAMAGED DUE TO BLOCK WALL CONSTRUCTION	LS	1	61,000.00	61,000.00
142	000003	ONE YEAR MAINTENANCE/ PLANT ESTABLISHMENT	LS	1	20,000.00	20,000.00
143	152402	ADJUST WATER VALVE COVER TO GRADE [CVWD]	EA	4	500.00	2,000.00
144	000003	IMPERIAL IRRIGATION DISTRICT (IID) IMPROVEMENTS	LS	1	150,000.00	150,000.00
145	510502	MINOR CONCRETE (TRANSITION STRUCTURE)	CY	54	900.00	48,600.00
146	510501	MINOR CONCRETE (CONTINUOUS REINFORCED CONCRETE STRIP)	SQFT	5,101	10.00	51,010.00
147	000003	PLANTER WALL RETROFIT AND HEIGHT EXTENSION	LS	1	70,000.00	70,000.00
148	000003	CONSTRUCT SLOUGH WALL	LF	190	68.00	12,920.00
149	000003	BLOCK WALL HEIGHT EXTENSION WITH TUBULAR STEEL FENCE	LS	1	20,000.00	20,000.00
150	000003	WALL MOUNTED CALL BOX	EA	2	1,700.00	3,400.00
151	000003	SALVAGE AND REINSTALL LIGHTS ON WALLS AND PILASTERS	EA	5	2,200.00	11,000.00
152	000003	SALVAGE AND REINSTALL STATUES ON PILASTERS	EA	4	1,500.00	6,000.00
153	000003	SALVAGE AND REINSTALL FLAG POLE AND UPLIGHTS	LS	1	6,500.00	6,500.00
154	994647	ARCHITECTURAL WORK (DECORATIVE ARCHES)	EA	3	8,500.00	25,500.00
155	800380	CHAIN LINK FENCE (TYPE CL-8), SLATTED	LF	38	125.00	4,750.00
156	000003	REMOVE INTERLOCKING CONCRETE PAVEMENT BLOCKS	LS	1	5,000.00	5,000.00
157	000003	MINOR CONCRETE (6" CURB AND GUTTER- REVERSE & TRANSITION GUTTERS)	LF	80	40.00	3,200.00
158	860408	STREET LIGHTING	LS	1	30,000.00	30,000.00
PROJECT TOTAL						7,041,407.20
ITEMS 1 - 158						

Riverside County Contract No. 13-10-002

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".

WITNESSETH

Recitals:

1. Contractor has submitted to County his Contractor's Proposal for the construction of County Project, Fred Waring Drive, Roadway Improvements, from Adams Street to Port Maria Road, in the City of La Quinta and Bermuda Dunes area, Project No. B5-0689, State Aid No. SLPPCL13-5956(220), 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 2010 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 1 and 2, (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. Prosecution, Progress and Liquidated Damages

Attention is directed to the provisions in Section 8-1.04, "Start of Job Site Activities", Section 8-1.05, "Time", and in Section 8-1.10 "Liquidated Damages" of the Standard Specifications and these Special Provisions.

Standard Specification Section 8-1.04B, "Standard Start" 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.

**Fred Waring Drive
Roadway Improvements
from Adams Street to Port Maria Road
in the City of La Quinta and Bermuda Dunes area
Project No. B5-0689
State Aid No. - SLPPCL13-5956(220)**

AGREEMENT

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
1	760090	MOBILIZATION, DEMOBILIZATION, AND FINAL CLEANUP	LS	1	390,000.00	390,000.00
2	066102	DUST ABATEMENT	LS	1	10,000.00	10,000.00
3	074020	WATER POLLUTION CONTROL	LS	1	15,000.00	15,000.00
4	160101	CLEARING AND GRUBBING	LS	1	50,000.00	50,000.00
5	170101	DEVELOP WATER SUPPLY	LS	1	8,000.00	8,000.00
6	000003	REMOVE MAILBOX	EA	21	50.00	1,050.00
7	000003	REMOVE BLOCK WALL	SQFT	16,885	5.00	84,425.00
8	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	5,074	0.35	1,775.90
9	150712	REMOVE PAINTED PAVEMENT MARKING	SQFT	902	1.25	1,127.50
10	150742	REMOVE ROADSIDE SIGN	EA	12	150.00	1,800.00
11	150770	REMOVE ASPHALT CONCRETE PAVEMENT	SQFT	164,563	0.35	57,597.05
12	150770	REMOVE ASPHALT CONCRETE PAVEMENT (DRIVEWAY)	SQFT	5,232	0.80	4,185.60
13	150812	REMOVE PIPE (12" RCP)	LF	9	150.00	1,350.00
14	150820	REMOVE INLET	EA	1	2,500.00	2,500.00
15	153210	REMOVE CONCRETE [PAVEMENT AND CROSS GUTTER]	SQFT	18,876	1.00	18,876.00
16	000003	REMOVE AND SALVAGE PLANTER BLOCK WALL ON PROPERTY	SQFT	684	5.00	3,420.00
17	000003	SALVAGE ROCK HARDSCAPE	SQFT	1,000	6.00	6,000.00
18	000003	REMOVE AND SALVAGE PICKET FENCE	SQFT	498	5.00	2,490.00
19	160120	REMOVE TREE	EA	40	500.00	20,000.00
20	153241	REMOVE CONCRETE (CURB, GUTTER AND SIDEWALK)	SQFT	16,084	1.20	19,300.80

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
21	120100	TRAFFIC CONTROL SYSTEM	LS	1	333,467.00	333,467.00
22	000003	TEMPORARY PAVEMENT (DETOUR)	LS	1	2,500.00	2,500.00
23	510502	MINOR CONCRETE (MINOR STRUCTURE) (4' X 0.5' RCB)	CY	11	1,100.00	12,100.00
24	510502	MINOR CONCRETE (MINOR STRUCTURE) (4.5' X 0.5' RCB)	CY	5	1,100.00	5,500.00
25	510502	MINOR CONCRETE (MINOR STRUCTURE) (4' X 0.67' RCB)	CY	5	1,100.00	5,500.00
26	510502	MINOR CONCRETE (MINOR STRUCTURE) (7' X 0.5' RCB)	CY	11	1,200.00	13,200.00
27	510502	MINOR CONCRETE (MINOR STRUCTURE) (7' X 1' RCB)	CY	302	1,200.00	362,400.00
28	000001	ITEM DELETED BY ADDENDUM	---	---	---	---
29	650010	12" REINFORCED CONCRETE PIPE	LF	5	300.00	1,500.00
30	208603	8" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	10	10.00	100.00
31	017317	MINOR CONCRETE (CROSS-GUTTER AND SPANDREL) (CRS 209)	SQFT	5,549	8.00	44,392.00
32	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION) (CURB DRAIN SYSTEM PER DETAIL IN SHEET C-15)	CY	2	2,000.00	4,000.00
33	731507	MINOR CONCRETE (GUTTER DEPRESSION) (LA QUINTA STD PLAN NO. 330 - CASE C)	CY	3	2,500.00	7,500.00
34	709904	CATCH BASIN [(CURB INLET) (LA QUINTA STD PLAN NO. 300 - NO. 1)]	EA	1	5,000.00	5,000.00
35	000003	MANHOLE (RCFC&WCDS MH 256)	EA	3	1,000.00	3,000.00
36	000003	JUNCTION STRUCTURE (LA QUINTA STD PLAN NO. 352)	EA	1	2,500.00	2,500.00
37	000003	TRASH RACK (SPPWC STD PLAN NO. 361-2)	EA	1	6,000.00	6,000.00
38	731504	MINOR CONCRETE (CURB AND GUTTER) (8")	LF	2,074	20.00	41,480.00
39	730010	MINOR CONCRETE (CURB) (LA QUINTA STD PLAN NO. 210)	LF	4,915	10.00	49,150.00
40	017307	MINOR CONCRETE (TYPE "C" CURB) (CRS 202)	LF	2,301	20.00	46,020.00
41	017309	MINOR CONCRETE (TYPE "D" CURB) (CRS 204)	LF	371	20.00	7,420.00
42	730010	MINOR CONCRETE (CURB) (TRANSITION)	LF	81	50.00	4,050.00
43	731504	MINOR CONCRETE (CURB AND GUTTER) (TRANSITION 8" TO 12")	LF	82	40.00	3,280.00
44	017310	MINOR CONCRETE (DRIVEWAY APPROACH) (CRS 207)	SQFT	630	5.00	3,150.00
45	731519	MINOR CONCRETE (STAMPED COLORED CONCRETE PAVEMENT)	SQFT	36,773	10.00	367,730.00

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
46	731521	MINOR CONCRETE (SIDEWALK)	SQFT	9,410	4.00	37,640.00
47	510501	MINOR CONCRETE [CONCRETE STRIP]	SQFT	2,395	6.00	14,370.00
48	731623	MINOR CONCRETE (CURB RAMP) (LA QUINTA STD PLAN NO. 250 - CASE B)	SQFT	845	6.00	5,070.00
49	731623	MINOR CONCRETE (CURB RAMP) (CALTRANS STD PLAN A88A - CASE C)	SQFT	135	6.00	810.00
50	731623	MINOR CONCRETE (CURB RAMP) (CALTRANS STD PLAN A88A - CASE F)	SQFT	144	6.00	864.00
51	731623	MINOR CONCRETE (CURB RAMP) (CALTRANS STD PLAN A88B - CASE CM)	SQFT	200	6.00	1,200.00
52	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	SQFT	673	6.00	4,038.00
53	000003	GUTTER WITH CURBS	LF	55	90.00	4,950.00
54	510501	MINOR CONCRETE [SPLIT GRADE MEDIAN NOSE]	LF	195	100.00	19,500.00
55	839510	HEADLIGHT GLARE SCREEN	LF	195	65.00	12,675.00
56	510501	MINOR CONCRETE [PCC RETAINING CURB]	LF	60	25.00	1,500.00
57	510501	MINOR CONCRETE [UTILITY ISLAND]	SQFT	278	5.00	1,390.00
58	510501	MINOR CONCRETE [WATER METER PAD]	SQFT	128	5.00	640.00
59	518002	SOUND WALL (MASONRY BLOCK) (RANCHO OCOTILLO)	LS	1	500,000.00	500,000.00
60	518002	SOUND WALL (MASONRY BLOCK) (LA QUINTA PALMS)	LS	1	750,000.00	750,000.00
61	013901	RUBBERIZED HOT MIX ASPHALT	TON	3,617	95.00	343,615.00
62	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQFT	132,701	0.25	33,175.25
63	190101	ROADWAY EXCAVATION	CY	3,390	8.00	27,120.00
64	198010	IMPORTED BORROW	CY	4,370	12.00	52,440.00
65	260201	CLASS 2 AGGREGATE BASE	CY	2,599	60.00	155,940.00
66	390132	HOT MIX ASPHALT (TYPE A)	TON	3,636	80.00	290,880.00
67	731516	MINOR CONCRETE (DRIVEWAY) [PAVING WITH CONCRETE PAVERS]	SQFT	3,762	10.00	37,620.00
68	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	23,099	0.40	9,239.60
69	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	1,658	3.50	5,803.00
70	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	391	3.00	1,173.00

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
71	015602	FUNDING AWARENESS SIGN	EA	2	500.00	1,000.00
72	066148	RELOCATE SIGNS	EA	10	250.00	2,500.00
73	566011	ROADSIDE SIGN - ONE POST	EA	22	250.00	5,500.00
74	820107	DELINEATOR (CLASS 1)	EA	50	40.00	2,000.00
75	820130	OBJECT MARKER	EA	15	60.00	900.00
76	000003	CONSTRUCT MONUMENT SIGN	EA	1	10,000.30	10,000.30
77	511035	ARCHITECTURAL TREATMENT [WALL PLAQUE]	EA	2	6,000.00	12,000.00
78	000003	POST MOUNTED MAILBOX	EA	21	100.00	2,100.00
79	000001	ITEM DELETED BY ADDENDUM	---	---	---	---
80	861501	MODIFY SIGNAL AND LIGHTING (ADAMS STREET)	LS	1	130,000.00	130,000.00
81	861501	MODIFY SIGNAL AND LIGHTING (DUNE PALMS ROAD)	LS	1	175,000.00	175,000.00
82	000001	ITEM DELETED BY ADDENDUM	---	---	---	---
83	518201	MASONRY BLOCK WALL	SQFT	8,051	30.00	241,530.00
84	513553	RETAINING WALL (MASONRY WALL)	SQFT	980	35.00	34,300.00
85	731516	MINOR CONCRETE (DRIVEWAY)	SQFT	8,514	6.00	51,084.00
86	510501	MINOR CONCRETE [WALKWAY AND PAVEMENT INFILL]	SQFT	160	6.00	960.00
87	731519	MINOR CONCRETE (STAMPED CONCRETE) [FOR DRIVEWAY]	SQFT	720	8.00	5,760.00
88	000003	RECONSTRUCT PILASTER TO MATCH EXISTING	EA	20	1,800.00	36,000.00
89	000003	ADJUST MANUAL DRIVEWAY SLIDING GATE	EA	3	1,500.00	4,500.00
90	000003	ADJUST MOTORIZED DRIVEWAY SLIDING GATE	EA	12	2,000.00	24,000.00
91	000003	MANUAL DRIVEWAY SLIDING GATE	EA	1	5,000.00	5,000.00
92	000001	ITEM DELETED BY ADDENDUM	---	---	---	---
93	000001	ITEM DELETED BY ADDENDUM	---	---	---	---
94	000003	RECONSTRUCT GATE TRENCH	EA	5	6,000.00	30,000.00
95	000001	ITEM DELETED BY ADDENDUM	---	---	---	---

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
96	000003	ADJUST PEDESTRIAN GATES	EA	6	750.00	4,500.00
97	000003	REMOVE AND RECONSTRUCT CONCRETE STEPS	SQFT	350	35.00	12,250.00
98	000003	CONSTRUCT CONCRETE STEPS	SQFT	20	80.00	1,600.00
99	000003	CONSTRUCT DUMPSTER ENCLOSURE	EA	1	5,000.00	5,000.00
100	000003	REMOVE AND RECONSTRUCT WROUGHT IRON FENCE ON BLOCK WALL	LS	1	6,000.00	6,000.00
101	000003	CONSTRUCT BLOCK RETAINING WALL PER SPPWC STD PLAN NO.618-3 WITH BRICK CAP	LF	50	225.00	11,250.00
102	151554	RECONSTRUCT CHAIN LINK GATE (TYPE CL-6), (SLATTED WITH BARBED WIRE, L=8')	EA	2	1,100.00	2,200.00
103	151540	RECONSTRUCT CHAIN LINK FENCE (TYPE CL-6), (SLATTED WITH BARBED WIRE)	LF	90	75.00	6,750.00
104	000003	LANDSCAPE REPLACEMENT (BERMUDA DUNES HOMES)	LS	1	40,000.00	40,000.00
105	000003	LANDSCAPE REPLACEMENT (RANCHO OCOTILLO HOMES)	LS	1	20,000.00	20,000.00
106	000003	FINE GRADING	SQFT	9,830	1.00	9,830.00
107	000003	IRRIGATION & ELECTRICAL STREET CROSSINGS	LS	1	20,000.00	20,000.00
108	000003	2" DEPTH DECOMPOSED GRANITE TYPE #1	SQFT	4,170	2.00	8,340.00
109	000003	2" DEPTH DECOMPOSED GRANITE TYPE #2	SQFT	5,660	2.50	14,150.00
110	000003	2' DIAMETER CALIF. GOLD BOULDERS	EA	24	150.00	3,600.00
111	000003	3' DIAMETER CALIF. GOLD BOULDERS	EA	21	150.00	3,150.00
112	000003	4' DIAMETER CALIF. GOLD BOULDERS	EA	2	300.00	600.00
113	000003	PERMA-LOC ASPHALT EDGE	LF	754	15.00	11,310.00
114	000003	4"-8" ARIZONA COBBLE DECORATIVE ROCK	SQFT	2,708	4.00	10,832.00
115	000003	INSTALL COMPLETE AUTOMATIC IRRIGATION SYSTEM PER PLANS. (HOT TAP, SERVICE LINE, METER BY CVWD)	LS	1	50,000.00	50,000.00
116	000003	INSTALL ELECTRICAL/LANDSCAPE LIGHTING SYSTEM PER PLANS	LS	1	105,000.00	105,000.00
117	000003	ACACIA STENOPHYLLA (24" BOX)	EA	4	350.00	1,400.00
118	000003	CERCIDIUM X 'DESERT MUSEUM' (24" BOX MULTI-TRUNK)	EA	6	425.00	2,550.00
119	000003	CHILOPSIS LINEARIS (24" BOX)	EA	9	350.00	3,150.00

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
120	000003	LAGERSTROEMIA INDICA 'WATERMELON RED' (24" BOX)	EA	2	350.00	700.00
121	000003	PYRUS KAWAKAMII (24" BOX)	EA	4	400.00	1,600.00
122	000003	BRAHEA ARMATA (3'-5')	EA	15	475.00	7,125.00
123	000003	CHAMAEROPS HUMILIS (24" BOX)	EA	21	400.00	8,400.00
124	000003	WASHINGTONIA ROBUSTA (10'-14' BTH)	EA	9	1,500.00	13,500.00
125	000003	CAESALPINIA PULCHERRIMA (5 GAL)	EA	9	40.00	360.00
126	000003	CASSIA NEMOPHILA (5 GAL)	EA	9	40.00	360.00
127	000003	DASYLLIRION WHEELERI (5 GAL)	EA	22	40.00	880.00
128	000003	ECHINOCACTUS GRUSONII (8" - 12")	EA	30	65.00	1,950.00
129	000003	FOUGUIERIA SPLENDENS (7 CANE MIN.)	EA	13	100.00	1,300.00
130	000003	HESPERALOE PARVIFLORA (5 GAL)	EA	6	40.00	240.00
131	000003	LEUCOPHYLLUM CANDIDUM 'THUNDER CLOUD' (5 GAL)	EA	10	45.00	450.00
132	000003	RUELLIA BRITTONIANA (5 GAL)	EA	8	40.00	320.00
133	000003	SALVIA GREGGII (5 GAL)	EA	20	40.00	800.00
134	000003	BOUGAINVILLEA '00-LA-LA' (5 GAL)	EA	19	65.00	1,235.00
135	000003	LANTANA CAMARA (1 GAL)	EA	27	30.00	810.00
136	000003	LANTANA MONTEVIDENSIS (5 GAL)	EA	17	40.00	680.00
137	000003	STAMPED CONCRETE PAVING FOR MEDIAN	SQFT	4,032	8.00	32,256.00
138	000003	BOUGAINVILLEA '00-LA-LA' REPLACEMENT PLANTS (5 GAL)	EA	22	65.00	1,430.00
139	000003	CASSIA NEMOPHILA REPLACEMENT PLANTS (5 GAL)	EA	58	40.00	2,320.00
140	000003	LANTANA MONTEVIDENSIS REPLACEMENT PLANTS (5 GAL)	EA	20	40.00	800.00
141	000003	REPLACE EXISTING LANDSCAPING AND IRRIGATION REMOVED/DAMAGED DUE TO BLOCK WALL CONSTRUCTION	LS	1	20,000.00	20,000.00
142	000003	ONE YEAR MAINTENANCE/ PLANT ESTABLISHMENT	LS	1	25,000.00	25,000.00
143	152402	ADJUST WATER VALVE COVER TO GRADE [CVWD]	EA	4	800.00	3,200.00
144	000003	IMPERIAL IRRIGATION DISTRICT (IID) IMPROVEMENTS	LS	1	65,000.00	65,000.00
145	510502	MINOR CONCRETE (TRANSITION STRUCTURE)	CY	54	1,300.00	70,200.00

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
146	510501	MINOR CONCRETE (CONTINUOUS REINFORCED CONCRETE STRIP)	SQFT	5,101	18.00	91,818.00
147	000003	PLANTER WALL RETROFIT AND HEIGHT EXTENSION	LS	1	75,000.00	75,000.00
148	000003	CONSTRUCT SLOUGH WALL	LF	190	50.00	9,500.00
149	000003	BLOCK WALL HEIGHT EXTENSION WITH TUBULAR STEEL FENCE	LS	1	20,000.00	20,000.00
150	000003	WALL MOUNTED CALL BOX	EA	2	1,000.00	2,000.00
151	000003	SALVAGE AND REINSTALL LIGHTS ON WALLS AND PILASTERS	EA	5	500.00	2,500.00
152	000003	SALVAGE AND REINSTALL STATUES ON PILASTERS	EA	4	400.00	1,600.00
153	000003	SALVAGE AND REINSTALL FLAG POLE AND UPLIGHTS	LS	1	5,000.00	5,000.00
154	994647	ARCHITECTURAL WORK (DECORATIVE ARCHES)	EA	3	8,000.00	24,000.00
155	800360	CHAIN LINK FENCE (TYPE CL-6), SLATTED	LF	38	50.00	1,900.00
156	000003	REMOVE INTERLOCKING CONCRETE PAVER BLOCKS	LS	1	5,000.00	5,000.00
157	000003	MINOR CONCRETE (6" CURB AND GUTTER- REVERSE & TRANSITION GUTTERS)	LF	80	40.00	3,200.00
158	860408	STREET LIGHTING	LS	1	25,000.00	25,000.00

PROJECT
TOTAL:
ITEMS 1-158

Five million, nine hundred ninety six thousand, five hundred twenty dollars
and zero cents

\$5,996,520.00

"WORDS"

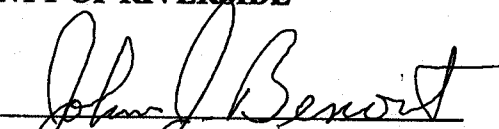
**Fred Waring Drive
Roadway Improvements
from Adams Street to Port Maria Road
in the City of La Quinta and Bermuda Dunes area
Project No. B5-0689
State Aid No. – SLPPCL13-5956(220)**

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

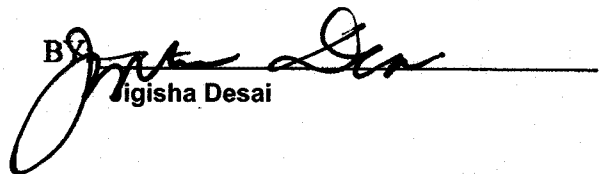
COUNTY OF RIVERSIDE

GRANITE CONSTRUCTION COMPANY

BY: _____


JOHN J. BENOIT
Chairman, Board of Supervisors

BY: _____


Jigisha Desai

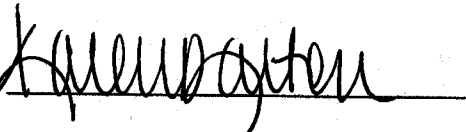
DATED: NOV 26 2013

TITLE: Vice President
(If Corporation, affix Seal)

ATTEST:

Kecia Harper-Ihem, Clerk of the Board

BY: _____


Deputy

ATTEST:

BY: _____


Nicholas B. Blackburn

TITLE: Assistant Secretary

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

License No. 89

Federal Employer Identification Number:

94-0519552

FORM APPROVED COUNTY COUNSEL

BY: _____

 11/8/13
MARSHAL VICTOR DATE

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 January 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
John A. Franich 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
Ronald L. Gatto Vice President, Controller, Assistant Financial Officer & Assistant Secretary
Kent H. Marshall Vice President, Development & Strategy & Assistant Secretary
Scott D. Wolcott Vice President, Construction Materials
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
John A. Franich	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
Ronald L. Gatto	Vice President, Controller, Assistant Financial Officer & Assistant Secretary
Kent H. Marshall	Vice President, Development & Strategy & Assistant Secretary
Scott D. Wolcott	Vice President, Construction Materials
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: April 23, 2013



Richard A. Watts

Performance Bond

Recitals:

1. **Granite Construction Company** (Contractor) has entered into a Contract with COUNTY OF RIVERSIDE (County) for construction of public work known as **Fred Waring Drive, Roadway Improvements, from Adams Street to Port Maria Road, in the City of La Quinta and Bermuda Dunes area, Project No. B5-0689, State Aid No. SLPPCL13-5956(220).**
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 **\$ 5,996,520.00 (Five million, nine hundred ninety six thousand, five hundred twenty 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 \$ **5,996,520.00** (**Five million, nine hundred ninety six thousand, five hundred twenty 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 **Fred Waring Drive, Roadway Improvements, from Adams Street to Port Maria Road, in the City of La Quinta and Bermuda Dunes area, Project No. B5-0689, State Aid No. SLPPCL13-5956(220)**.

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 _____

Title _____

Its Attorney In Fact

(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: \$13,192.00

Bond Nos.: 82329701 Federal
105983425 Travelers
09131885 F&D

Performance Bond

Recitals:

1. **Granite Construction Company** (Contractor) has entered into a Contract with COUNTY OF RIVERSIDE (County) for construction of public work known as **Fred Waring Drive, Roadway Improvements, from Adams Street to Port Maria Road, in the City of La Quinta and Bermuda Dunes area, Project No. B5-0689, State Aid No. SLPPCL13-5956(220).**
2. **Federal Insurance Company***, a **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 **\$ 5,996,520.00 (Five million, nine hundred ninety six thousand, five hundred twenty 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 09/17/2013

By [Signature]
[Signature] Desai, Vice President

By [Signature]

By [Signature]
Nicholas B. Blackburn, Assistant Secretary

Type Name Ashley Stinson

Its Attorney in Fact
"Surety"

Title see above

"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).

ACKNOWLEDGMENT

State of California
County of Santa Cruz)

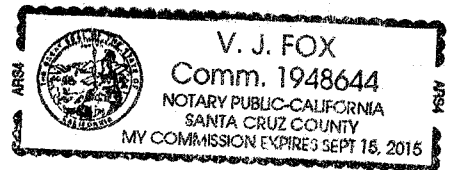
On September 17, 2013 before me, V.J. Fox, Notary Public
(insert name and title of the officer)

personally appeared Jigisha Desai, Nicholas B. Blackburn, 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 \$ 5,996,520.00 (Five million, nine hundred ninety six thousand, five hundred twenty 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 Fred Waring Drive, Roadway Improvements, from Adams Street to Port Maria Road, in the City of La Quinta and Bermuda Dunes area, Project No. B5-0689, State Aid No. SLPPCL13-5956(220).


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: 09/17/2013

Granite Construction Company
Original Contractor – Principal

Federal Insurance Company*
Surety

By 
Jgisha Desai

By 
Ashley Stinson
Its Attorney In Fact

Title Vice President

(If corporation, affix seal)

(Corporate Seal)

(Corporate Seal)

STATE OF CALIFORNIA
COUNTY OF SANTA CRUZ }

ss. SURETY'S ACKNOWLEDGEMENT

On 09/17/2013 before me, V.J. Fox personally appeared, Ashley Stinson, 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 V.J. Fox

Notary Public (Seal)

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

V.041113
*Travelers Casualty and Surety Company of America
Fidelity and Deposit Company of Maryland
Jointly and Severally Liable
**Connecticut, Maryland, respectively

ACKNOWLEDGMENT

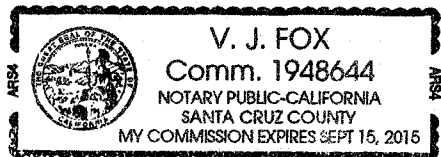
State of California
County of Santa Cruz

On September 17, 2013 before me, V.J. Fox, Notary Public
(insert name and title of the officer)

personally appeared Jigisha Desai
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



**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

David B. Norris, Jr., Vice President

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 17, 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 17, 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, deposed 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.

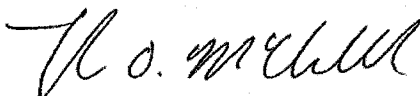
RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal 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 17, 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 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 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



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
09/30/2013

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 #062759 Aon Risk Insurance Services West, Inc. 199 Fremont Street, Suite 1500 San Francisco, CA 94105	1-415-486-7000	CONTACT NAME: PHONE (A/C, No, Ext): E-MAIL ADDRESS: FAX (A/C, No):
INSURED GRANITE CONSTRUCTION COMPANY P. O. BOX 50085 Watsonville, CA 95077	INSURER(S) AFFORDING COVERAGE	
	INSURER A: VALLEY FORGE INS CO	NAIC # 20508
	INSURER B: CONTINENTAL CAS CO	20443
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES CERTIFICATE NUMBER: 36106443 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"/> PROJECT <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"/> EXCESS LIAB DED 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 STATUTORY LIMITS <input type="checkbox"/> OTHER 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 414823 County of Riverside, Fred Waring Drive Roadway Improvements, from Adams Street to Port Maria Road, in the City of LaQuinta and Bermuda Dunes area. Project No. B5-0689, State Aid No. SLPPCL13-5956(220).

GL PER ISO FORM CG0001 10/01; AL PER ISO FORM CA0001 03/10 Revised 09/30/13

CERTIFICATE HOLDER

CANCELLATION

2250 414823
County of Riverside
3525 14th Street
Riverside, CA 92501
USA

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

SUPPLEMENT TO CERTIFICATE OF INSURANCE

DATE
09/30/2013

NAME OF INSURED: GRANITE CONSTRUCTION COMPANY

City of La Quinta, its elected and appointed officials, employees, agents and representatives.

Coachella Valley Association of Government (CVAG), its elected and appointed officials, employees, agents and representatives.

Riverside County Transportation Commission (RCTC), its elected and appointed officials, employees, agents and representatives.

Coachella Valley Water District (CVWD), its elected and appointed officials, employees, agents and representataives.

Myoma Dunes Water Company, its elected and appointed officials, employees, agents and representatives.

Imperial Irrigaion District (IID), its officers, employees, agents and representatives.

La Quinta Palms Home Owner's Associaton - Merit Property Management, 43-100 Cook Street, Suite 103, Palm Desert CA 92211, their employees agents and representatives.

Bermuda Dunes Security Associations, their property management company, 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 behalf
in 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



Policy# GL2074978689

G-140331-C

Insured: Granite Construction Incorporated (Ed. 10/10)

Effective: 10/01/12

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 read "C. Cort", 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

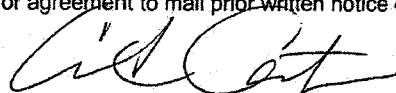
In the event of cancellation or material change that reduces or restricts the insurance afforded by the Business Auto Coverage Form, the Company agrees to mail prior written notice of cancellation or material change to the person or organization named in the Schedule.

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)

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 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 #:	<u>0218</u>
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

Bid

Date: 09/04/13

To: County of Riverside, hereafter called "County";

Bidder: Granite Construction Company
(hereafter called "Contractor")

The undersigned, Contractor, having carefully examined the site and the Contract Documents for the construction of Fred Waring Drive, Roadway Improvements, from Adams Street to Port Maria Road, in the City of La Quinta and Bermuda Dunes area, Project No. B5-0689, State Aid No. - SLPP 5956 (220) hereby proposes to construct the work in accordance with the Contract Documents, including Addenda Number(s) 1, 2 (Fill in addenda numbers if addenda have been issued.) for the amount stated in this Bid.

By submitting this Bid, Contractor agrees with County:

1. That unless withdrawn in person by Contractor or some person authorized in writing by Contractor (not by telephone or facsimile) before the time specified in the Notice Inviting Bids for the public opening of bids, this Bid constitutes an irrevocable offer for 90 calendar days after that date.
2. County has the right to reject any or all Bids and to waive any irregularities or informalities contained in a Bid.
3. To execute the Contract and deliver the Performance Bond, Payment Bond and Insurance Certificate with endorsements, that comply with the requirements set forth in the Instructions to Bidders and General Conditions, within ten (10) business days of the date of the Notice of Acceptance of Bid and Intent to Award as issued by the County.
4. That the contract shall be awarded upon a resolution or minute order to that effect duly adopted by the governing body of County; and that execution of the Contract shall constitute a written memorial thereof.
5. To submit to the County such information as County may require determining whether a particular Bid is the lowest responsible bid submitted.
6. That the accompanying Bid Bond, certified check or cashier's check is in an amount not less than 10% of the total bid submitted and constitutes a guarantee that if awarded the contract, Contractor will execute the Contract and deliver the required bonds within ten (10) business days after notice of award. If Contractor fails to execute and deliver said documents, the bond or check is to be charged with the costs of the resultant damages to the County, including but not limited to: publication costs, the difference in money between the amount bid and the amount in excess of the bid which it costs County to do or cause to be done for the work involved, lease and rental costs, additional salaries and overhead, increased interest and costs of funding the project, attorney expense, additional engineering and architectural expense and cost of maintaining or constructing alternate facilities occasioned by the failure to execute and deliver said documents.
7. By signing this Bid the Contractor certifies that the representations made therein are made under penalty of perjury.

**Fred Waring Drive
Roadway Improvements
from Adams Street to Port Maria Road
in the City of La Quinta and Bermuda Dunes area
Project No. B5-0689
State Aid No. – SLPPCL13-5956(220)**

PROPOSAL (REVISED)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
1	760090	MOBILIZATION, DEMOBILIZATION, AND FINAL CLEANUP	LS	1	390,000 ⁰⁰	390,000 ⁰⁰
2	066102	DUST ABATEMENT	LS	1	10,000 ⁰⁰	10,000 ⁰⁰
3	074020	WATER POLLUTION CONTROL	LS	1	15,000 ⁰⁰	15,000 ⁰⁰
4	160101	CLEARING AND GRUBBING	LS	1	50,000 ⁰⁰	50,000 ⁰⁰
5	170101	DEVELOP WATER SUPPLY	LS	1	8,000 ⁰⁰	8,000 ⁰⁰
6	000003	REMOVE MAILBOX	EA	21	50 ⁰⁰	1,050 ⁰⁰
7	000003	REMOVE BLOCK WALL	SQFT	16,885	5 ⁰⁰	84,425 ⁰⁰
8	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	5,074	0 ³⁵	1,775 ⁹⁰
9	150712	REMOVE PAINTED PAVEMENT MARKING	SQFT	902	1 ²⁵	1,127 ⁵⁰
10	150742	REMOVE ROADSIDE SIGN	EA	12	150 ⁰⁰	1,800 ⁰⁰
11	150770	REMOVE ASPHALT CONCRETE PAVEMENT	SQFT	164,563	0 ³⁵	57,597 ⁰⁵
12	150770	REMOVE ASPHALT CONCRETE PAVEMENT (DRIVEWAY)	SQFT	5,232	0 ⁸⁰	4,185 ⁶⁰
13	150812	REMOVE PIPE (12" RCP)	LF	9	150 ⁰⁰	1,350 ⁰⁰
14	150820	REMOVE INLET	EA	1	2,500 ⁰⁰	2,500 ⁰⁰
15	153210	REMOVE CONCRETE [PAVEMENT AND CROSS GUTTER]	SQFT	18,876	1 ⁰⁰	18,876 ⁰⁰
16	000003	REMOVE AND SALVAGE PLANTER BLOCK WALL ON PROPERTY	SQFT	684	5 ⁰⁰	3,420 ⁰⁰
17	000003	SALVAGE ROCK HARDSCAPE	SQFT	1,000	6 ⁰⁰	6,000 ⁰⁰
18	000003	REMOVE AND SALVAGE PICKET FENCE	SQFT	498	5 ⁰⁰	2,490 ⁰⁰
19	160120	REMOVE TREE	EA	40	500 ⁰⁰	20,000 ⁰⁰
20	153241	REMOVE CONCRETE (CURB, GUTTER AND SIDEWALK)	SQFT	16,084	1 ²⁰	19,300 ⁸⁰
21	120100	TRAFFIC CONTROL SYSTEM	LS	1	333,467 ⁰⁰	333,467 ⁰⁰
22	000003	TEMPORARY PAVEMENT (DETOUR)	LS	1	2,500 ⁰⁰	2,500 ⁰⁰
23	510502	MINOR CONCRETE (MINOR STRUCTURE) (4' X 0.5' RCB)	CY	11	1,100 ⁰⁰	12,100 ⁰⁰
24	510502	MINOR CONCRETE (MINOR STRUCTURE) (4.5' X 0.5' RCB)	CY	5	1,100 ⁰⁰	5,500 ⁰⁰
25	510502	MINOR CONCRETE (MINOR STRUCTURE) (4' X 0.67' RCB)	CY	5	1,100 ⁰⁰	5,500 ⁰⁰
26	510502	MINOR CONCRETE (MINOR STRUCTURE) (7' X 0.5' RCB)	CY	11	1,200 ⁰⁰	13,200 ⁰⁰
27	510502	MINOR CONCRETE (MINOR STRUCTURE) (7' X 1' RCB)	CY	302	1,200 ⁰⁰	362,400 ⁰⁰
28	000001	ITEM DELETED BY ADDENDUM	----	----	-----	-----

PROPOSAL (REVISED)

Attachment "A" to Addendum 2

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
29	650010	12" REINFORCED CONCRETE PIPE	LF	5	300 ⁰⁰	1,500 ⁰⁰
30	208603	8" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	10	10 ⁰⁰	100 ⁰⁰
31	017317	MINOR CONCRETE (CROSS-GUTTER AND SPANDREL) (CRS 209)	SQFT	5,549	8 ⁰⁰	44,392 ⁰⁰
32	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION) (CURB DRAIN SYSTEM PER DETAIL IN SHEET C-15)	CY	2	2,000 ⁰⁰	4,000 ⁰⁰
33	731507	MINOR CONCRETE (GUTTER DEPRESSION) (LA QUINTA STD PLAN NO. 330 - CASE C)	CY	3	2,500 ⁰⁰	7,500 ⁰⁰
34	709904	CATCH BASIN [(CURB INLET) (LA QUINTA STD PLAN NO. 300 - NO. 1)]	EA	1	5,000 ⁰⁰	5,000 ⁰⁰
35	000003	MANHOLE (RCFC&WCDS MH 256)	EA	3	1,000 ⁰⁰	3,000 ⁰⁰
36	000003	JUNCTION STRUCTURE (LA QUINTA STD PLAN NO. 352)	EA	1	2,500 ⁰⁰	2,500 ⁰⁰
37	000003	TRASH RACK (SPPWC STD PLAN NO. 361-2)	EA	1	6,000 ⁰⁰	6,000 ⁰⁰
38	731504	MINOR CONCRETE (CURB AND GUTTER) (8")	LF	2,074	20 ⁰⁰	41,480 ⁰⁰
39	730010	MINOR CONCRETE (CURB) (LA QUINTA STD PLAN NO. 210)	LF	4,915	10 ⁰⁰	49,150 ⁰⁰
40	017307	MINOR CONCRETE (TYPE "C" CURB) (CRS 202)	LF	2,301	20 ⁰⁰	46,020 ⁰⁰
41	017309	MINOR CONCRETE (TYPE "D" CURB) (CRS 204)	LF	371	20 ⁰⁰	7,420 ⁰⁰
42	730010	MINOR CONCRETE (CURB) (TRANSITION)	LF	81	50 ⁰⁰	4,050 ⁰⁰
43	731504	MINOR CONCRETE (CURB AND GUTTER) (TRANSITION 8" TO 12")	LF	82	40 ⁰⁰	3,280 ⁰⁰
44	017310	MINOR CONCRETE (DRIVEWAY APPROACH) (CRS 207)	SQFT	630	5 ⁰⁰	3,150 ⁰⁰
45	731519	MINOR CONCRETE (STAMPED COLORED CONCRETE PAVEMENT)	SQFT	36,773	10 ⁰⁰	367,730 ⁰⁰
46	731521	MINOR CONCRETE (SIDEWALK)	SQFT	9,410	4 ⁰⁰	37,640 ⁰⁰
47	510501	MINOR CONCRETE [CONCRETE STRIP]	SQFT	2,395	6 ⁰⁰	14,370 ⁰⁰
48	731623	MINOR CONCRETE (CURB RAMP) (LA QUINTA STD PLAN NO. 250 - CASE B)	SQFT	845	6 ⁰⁰	5,070 ⁰⁰
49	731623	MINOR CONCRETE (CURB RAMP) (CALTRANS STD PLAN A88A - CASE C)	SQFT	135	6 ⁰⁰	810 ⁰⁰
50	731623	MINOR CONCRETE (CURB RAMP) (CALTRANS STD PLAN A88A - CASE F)	SQFT	144	6 ⁰⁰	864 ⁰⁰
51	731623	MINOR CONCRETE (CURB RAMP) (CALTRANS STD PLAN A88B - CASE CM)	SQFT	200	6 ⁰⁰	1,200 ⁰⁰
52	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	SQFT	673	6 ⁰⁰	4,038 ⁰⁰
53	000003	GUTTER WITH CURBS	LF	55	90 ⁰⁰	4,950 ⁰⁰
54	510501	MINOR CONCRETE [SPLIT GRADE MEDIAN NOSE]	LF	195	100 ⁰⁰	19,500 ⁰⁰
55	839510	HEADLIGHT GLARE SCREEN	LF	195	65 ⁰⁰	12,675 ⁰⁰
56	510501	MINOR CONCRETE [PCC RETAINING CURB]	LF	60	25 ⁰⁰	1,500 ⁰⁰
57	510501	MINOR CONCRETE [UTILITY ISLAND]	SQFT	278	5 ⁰⁰	1,390 ⁰⁰
58	510501	MINOR CONCRETE [WATER METER PAD]	SQFT	128	5 ⁰⁰	640 ⁰⁰
59	518002	SOUND WALL (MASONRY BLOCK) (RANCHO OCOTILLO)	LS	1	500,000 ⁰⁰	500,000 ⁰⁰
60	518002	SOUND WALL (MASONRY BLOCK) (LA QUINTA PALMS)	LS	1	750,000 ⁰⁰	750,000 ⁰⁰
61	013901	RUBBERIZED HOT MIX ASPHALT	TON	3,617	95 ⁰⁰	343,615 ⁰⁰
62	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQFT	132,701	0 ²⁵	33,175 ²⁵

PROPOSAL (REVISED)

Attachment "A" to Addendum 2

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
63	190101	ROADWAY EXCAVATION	CY	3,390	8 ⁰⁰	27,120 ⁰⁰
64	198010	IMPORTED BORROW	CY	4,370	12 ⁰⁰	52,440 ⁰⁰
65	260201	CLASS 2 AGGREGATE BASE	CY	2,599	60 ⁰⁰	155,940 ⁰⁰
66	390132	HOT MIX ASPHALT (TYPE A)	TON	3,636	80 ⁰⁰	290,880 ⁰⁰
67	731516	MINOR CONCRETE (DRIVEWAY) [PAVING WITH CONCRETE PAVERS]	SQFT	3,762	10 ⁰⁰	37,620 ⁰⁰
68	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	23,099	0 ⁴²	9,239 ⁶⁰
69	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	1,658	3 ⁵⁰	5,803 ⁵⁰
70	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	391	3 ⁰⁰	1,173 ⁰⁰
71	015602	FUNDING AWARENESS SIGN	EA	2	500 ⁰⁰	1,000 ⁰⁰
72	066148	RELOCATE SIGNS	EA	10	250 ⁰⁰	2,500 ⁰⁰
73	566011	ROADSIDE SIGN - ONE POST	EA	22	250 ⁰⁰	5,500 ⁰⁰
74	820107	DELINEATOR (CLASS 1)	EA	50	40 ⁰⁰	2,000 ⁰⁰
75	820130	OBJECT MARKER	EA	15	60 ⁰⁰	900 ⁰⁰
76	000003	CONSTRUCT MONUMENT SIGN	EA	1	10,000 ³⁰	10,000 ³⁰
77	511035	ARCHITECTURAL TREATMENT [WALL PLAQUE]	EA	2	6,000 ⁰⁰	12,000 ⁰⁰
78	000003	POST MOUNTED MAILBOX	EA	21	100 ⁰⁰	2,100 ⁰⁰
79	000001	ITEM DELETED BY ADDENDUM	----	----	-----	-----
80	861501	MODIFY SIGNAL AND LIGHTING (ADAMS STREET)	LS	1	130,000 ⁰⁰	130,000 ⁰⁰
81	861501	MODIFY SIGNAL AND LIGHTING (DUNE PALMS ROAD)	LS	1	175,000 ⁰⁰	175,000 ⁰⁰
82	000001	ITEM DELETED BY ADDENDUM	----	----	-----	-----
83	518201	MASONRY BLOCK WALL	SQFT	8,051	30 ⁰⁰	241,530 ⁰⁰
84	513553	RETAINING WALL (MASONRY WALL)	SQFT	980	35 ⁰⁰	34,300 ⁰⁰
85	731516	MINOR CONCRETE (DRIVEWAY)	SQFT	8,514	6 ⁰⁰	51,084 ⁰⁰
86	510501	MINOR CONCRETE [WALKWAY AND PAVEMENT INFILL]	SQFT	160	6 ⁰⁰	960 ⁰⁰
87	731519	MINOR CONCRETE (STAMPED CONCRETE) [FOR DRIVEWAY]	SQFT	720	8 ⁰⁰	5,760 ⁰⁰
88	000003	RECONSTRUCT PILASTER TO MATCH EXISTING	EA	20	1,800 ⁰⁰	36,000 ⁰⁰
89	000003	ADJUST MANUAL DRIVEWAY SLIDING GATE	EA	3	1,500 ⁰⁰	4,500 ⁰⁰
90	000003	ADJUST MOTORIZED DRIVEWAY SLIDING GATE	EA	12	2,000 ⁰⁰	24,000 ⁰⁰
91	000003	MANUAL DRIVEWAY SLIDING GATE	EA	1	5,000 ⁰⁰	5,000 ⁰⁰
92	000001	ITEM DELETED BY ADDENDUM	----	----	-----	-----
93	000001	ITEM DELETED BY ADDENDUM	----	----	-----	-----

PROPOSAL (REVISED)

Attachment "A" to Addendum 2

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
94	000003	RECONSTRUCT GATE TRENCH	EA	5	6,000 ⁰⁰	30,000 ⁰⁰
95	000001	ITEM DELETED BY ADDENDUM	----	----	-----	-----
96	000003	ADJUST PEDESTRIAN GATES	EA	6	750 ⁰⁰	4,500 ⁰⁰
97	000003	REMOVE AND RECONSTRUCT CONCRETE STEPS	SQFT	350	35 ⁰⁰	12,250 ⁰⁰
98	000003	CONSTRUCT CONCRETE STEPS	SQFT	20	80 ⁰⁰	1,600 ⁰⁰
99	000003	CONSTRUCT DUMPSTER ENCLOSURE	EA	1	5,000 ⁰⁰	5,000 ⁰⁰
100	000003	REMOVE AND RECONSTRUCT WROUGHT IRON FENCE ON BLOCK WALL	LS	1	6,000 ⁰⁰	6,000 ⁰⁰
101	000003	CONSTRUCT BLOCK RETAINING WALL PER SPPWC STD PLAN NO.618-3 WITH BRICK CAP	LF	50	225 ⁰⁰	11,250 ⁰⁰
102	151554	RECONSTRUCT CHAIN LINK GATE (TYPE CL-6), (SLATTED WITH BARBED WIRE, L=8')	EA	2	1,100 ⁰⁰	2,200 ⁰⁰
103	151540	RECONSTRUCT CHAIN LINK FENCE (TYPE CL-6), (SLATTED WITH BARBED WIRE)	LF	90	75 ⁰⁰	6,750 ⁰⁰
104	000003	LANDSCAPE REPLACEMENT (BERMUDA DUNES HOMES)	LS	1	40,000 ⁰⁰	40,000 ⁰⁰
105	000003	LANDSCAPE REPLACEMENT (RANCHO OCOTILLO HOMES)	LS	1	20,000 ⁰⁰	20,000 ⁰⁰
106	000003	FINE GRADING	SQFT	9,830	1 ⁰⁰	9,830 ⁰⁰
107	000003	IRRIGATION & ELECTRICAL STREET CROSSINGS	LS	1	20,000 ⁰⁰	20,000 ⁰⁰
108	000003	2" DEPTH DECOMPOSED GRANITE TYPE #1	SQFT	4,170	2 ⁰⁰	8,340 ⁰⁰
109	000003	2" DEPTH DECOMPOSED GRANITE TYPE #2	SQFT	5,660	2 ⁵⁰	14,150 ⁰⁰
110	000003	2' DIAMETER CALIF. GOLD BOULDERS	EA	24	150 ⁰⁰	3,600 ⁰⁰
111	000003	3' DIAMETER CALIF. GOLD BOULDERS	EA	21	150 ⁰⁰	3,150 ⁰⁰
112	000003	4' DIAMETER CALIF. GOLD BOULDERS	EA	2	300 ⁰⁰	600 ⁰⁰
113	000003	PERMA-LOC ASPHALT EDGE	LF	754	15 ⁰⁰	11,310 ⁰⁰
114	000003	4"-8" ARIZONA COBBLE DECORATIVE ROCK	SQFT	2,708	4 ⁰⁰	10,832 ⁰⁰
115	000003	INSTALL COMPLETE AUTOMATIC IRRIGATION SYSTEM PER PLANS. (HOT TAP, SERVICE LINE, METER BY CVWD)	LS	1	50,000 ⁰⁰	50,000 ⁰⁰
116	000003	INSTALL ELECTRICAL/LANDSCAPE LIGHTING SYSTEM PER PLANS	LS	1	105,000 ⁰⁰	105,000 ⁰⁰
117	000003	ACACIA STENOPHYLLA (24" BOX)	EA	4	350 ⁰⁰	1,400 ⁰⁰
118	000003	CERCIDIUM X 'DESERT MUSEUM' (24" BOX MULTI-TRUNK)	EA	6	425 ⁰⁰	2,550 ⁰⁰
119	000003	CHILOPSIS LINEARIS (24" BOX)	EA	9	350 ⁰⁰	3,150 ⁰⁰
120	000003	LAGERSTROEMIA INDICA 'WATERMELON RED' (24" BOX)	EA	2	350 ⁰⁰	700 ⁰⁰
121	000003	PYRUS KAWAKAMII (24" BOX)	EA	4	400 ⁰⁰	1,600 ⁰⁰
122	000003	BRAHEA ARMATA (3'-5')	EA	15	475 ⁰⁰	7,125 ⁰⁰
123	000003	CHAMAEROPS HUMILIS (24" BOX)	EA	21	400 ⁰⁰	8,400 ⁰⁰
124	000003	WASHINGTONIA ROBUSTA (10'-14' BTH)	EA	9	1,500 ⁰⁰	13,500 ⁰⁰
125	000003	CAESALPINIA PULCHERRIMA (5 GAL)	EA	9	40 ⁰⁰	360 ⁰⁰
126	000003	CASSIA NEMOPHILA (5 GAL)	EA	9	40 ⁰⁰	360 ⁰⁰

PROPOSAL (REVISED)

Attachment "A" to Addendum 2

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
127	000003	DASYLLIRION WHEELERI (5 GAL)	EA	22	40 ⁰⁰	880 ⁰⁰
128	000003	ECHINOCACTUS GRUSONII (8" - 12")	EA	30	65 ⁰⁰	1,950 ⁰⁰
129	000003	FOUGUIERIA SPLENDENS (7 CANE MIN.)	EA	13	100 ⁰⁰	1,300 ⁰⁰
130	000003	HESPERALOE PARVIFLORA (5 GAL)	EA	6	40 ⁰⁰	240 ⁰⁰
131	000003	LEUCOPHYLLUM CANDIDUM 'THUNDER CLOUD' (5 GAL)	EA	10	45 ⁰⁰	450 ⁰⁰
132	000003	RUELLIA BRITTONIANA (5 GAL)	EA	8	40 ⁰⁰	320 ⁰⁰
133	000003	SALVIA GREGGII (5 GAL)	EA	20	40 ⁰⁰	800 ⁰⁰
134	000003	BOUGAINVILLEA '00-LA-LA' (5 GAL)	EA	19	65 ⁰⁰	1,235 ⁰⁰
135	000003	LANTANA CAMARA (1 GAL)	EA	27	30 ⁰⁰	810 ⁰⁰
136	000003	LANTANA MONTEVIDENSIS (5 GAL)	EA	17	40 ⁰⁰	680 ⁰⁰
137	000003	STAMPED CONCRETE PAVING FOR MEDIAN	SQFT	4,032	8 ⁰⁰	32,256 ⁰⁰
138	000003	BOUGAINVILLEA '00-LA-LA' REPLACEMENT PLANTS (5 GAL)	EA	22	65 ⁰⁰	1,430 ⁰⁰
139	000003	CASSIA NEMOPHILA REPLACEMENT PLANTS (5 GAL)	EA	58	40 ⁰⁰	2,320 ⁰⁰
140	000003	LANTANA MONTEVIDENSIS REPLACEMENT PLANTS (5 GAL)	EA	20	40 ⁰⁰	800 ⁰⁰
141	000003	REPLACE EXISTING LANDSCAPING AND IRRIGATION REMOVED/DAMAGED DUE TO BLOCK WALL CONSTRUCTION	LS	1	20,000 ⁰⁰	20,000 ⁰⁰
142	000003	ONE YEAR MAINTENANCE/ PLANT ESTABLISHMENT	LS	1	25,000 ⁰⁰	25,000 ⁰⁰
143	152402	ADJUST WATER VALVE COVER TO GRADE [CVWD]	EA	4	800 ⁰⁰	3,200 ⁰⁰
144	000003	IMPERIAL IRRIGATION DISTRICT (IID) IMPROVEMENTS	LS	1	65,000 ⁰⁰	65,000 ⁰⁰
145	510502	MINOR CONCRETE (TRANSITION STRUCTURE)	CY	54	1,300 ⁰⁰	70,200 ⁰⁰
146	510501	MINOR CONCRETE (CONTINUOUS REINFORCED CONCRETE STRIP)	SQFT	5,101	18 ⁰⁰	91,818 ⁰⁰
147	000003	PLANTER WALL RETROFIT AND HEIGHT EXTENSION	LS	1	75,000 ⁰⁰	75,000 ⁰⁰
148	000003	CONSTRUCT SLOUGH WALL	LF	190	50 ⁰⁰	9,500 ⁰⁰
149	000003	BLOCK WALL HEIGHT EXTENSION WITH TUBULAR STEEL FENCE	LS	1	20,000 ⁰⁰	20,000 ⁰⁰
150	000003	WALL MOUNTED CALL BOX	EA	2	1,000 ⁰⁰	2,000 ⁰⁰
151	000003	SALVAGE AND REINSTALL LIGHTS ON WALLS AND PILASTERS	EA	5	500 ⁰⁰	2,500 ⁰⁰
152	000003	SALVAGE AND REINSTALL STATUES ON PILASTERS	EA	4	400 ⁰⁰	1,600 ⁰⁰
153	000003	SALVAGE AND REINSTALL FLAG POLE AND UPLIGHTS	LS	1	5,000 ⁰⁰	5,000 ⁰⁰
154	994647	ARCHITECTURAL WORK (DECORATIVE ARCHES)	EA	3	8,000 ⁰⁰	24,000 ⁰⁰
155	800360	CHAIN LINK FENCE (TYPE CL-6), SLATTED	LF	38	50 ⁰⁰	1,900 ⁰⁰
156	000003	REMOVE INTERLOCKING CONCRETE PAVER BLOCKS	LS	1	5,000 ⁰⁰	5,000 ⁰⁰
157	000003	MINOR CONCRETE (6" CURB AND GUTTER- REVERSE & TRANSITION GUTTERS)	LF	80	40 ⁰⁰	3,200 ⁰⁰
158	860408	STREET LIGHTING	LS	1	25,000 ⁰⁰	25,000 ⁰⁰

PROJECT TOTAL: Five million, nine hundred ninety six thousand, five \$ 5,996,520⁰⁰
 ITEMS 1-158 "WORDS" hundred and twenty
 B6 dollars and zero cents

Bidder Data and Signature

Name of Bidder: Granite Construcion Company

Type of organization: Corporation

Person(s) authorized to sign for Bidder: _____

See Attached Certificate of Secretary

Note:

If Bidder or other interested person is a **Corporation**, state legal name of Corporation and also names of the president, secretary, treasurer and manager thereof.

If Bidder or other interested person is a **Co-Partnership**, state true name of firm and also names of all individual co-partners composing firm.

If Bidder or other interested person is an **Individual**, state first and last name(s) in full.

Business Street Address: 38000 Monroe Street
(Please include business address even if P.O. Box is used.)

Business City, State, Zip Code: Indio, CA 92203

P.O. Box- Number: _____

P.O. Box- City, State, Zip Code: _____

Phone: (760) 775-7500

Facsimile: (760) 775-8229

E-mail: N/A

Contractor's license number: 89

License Classification(s): A,B

Expiration date: 05/31/15

Granite Construction Company
a California Corporation
James H. Roberts - President
Richard A. Watts - Secretary
Jigisha Desai - Treasurer
David A. Donnelly - VP Southern
California Region

Bidder Data and Signature (continued)


Accompanying this Bid is a certified check, cashier check or bid bond in an amount equal to at least ten (10) percent of the total bid for:

**Fred Waring Drive
Roadway Improvements
from Adams Street to Port Maria Road
in the City of La Quinta and Bermuda Dunes area
Project No. B5-0689
State Aid No. SLPPCL13-5956(220)**

By my signature on this Bid, I certify, under penalty of perjury under the laws of the State of California, that all the information on this form is true and correct.

IN WITNESS WHERE OF Bidder/Contractor executed this Bid as of the date set forth on page B1 of this Bid.

Signature:



Name (printed):

Joseph P. Richardson

Title:

Senior Estimator
"Contractor"

(If the Bidder is a Corporation, attach the Corporate Resolution which authorizes the signature to represent the Corporation. Certification for Authorized Signatures of Officers and Certificate of Incumbency are also acceptable and document must show that person who signs is authorized to do so for the company.)

Subcontractor List

Bidder/Contractor submits the following complete list of each Subcontractor who will perform work, labor or render service in or about the construction in an amount in excess of 1/2 of 1% of the total bid or \$10,000 whichever is greater.

Check box on right side of row if any construction item, for the listed Subcontractor, is partial work. If partial work is to be performed within a certain construction item or trade, the Bidder/Contractor shall specify the portion(s) of the work to be performed by the different subcontractors or Bidder/Contractor will be subject to provisions of Public Contract Code Section 4106.

	Subcontractor Name	License Number	Business Address (City, State)	Construction Item(s) [Item Number and Description]	Check if Partial Work
1.	CHRISP CO.	374600	Bloomington, CA	Striping 8-10, 68-70, 72-75	<input type="checkbox"/>
2.	Alcorn Fence Co.	122954	Riverside, CA	Fence 18, 55, 89-91, 96, 100, 102-103, 149, 155	<input checked="" type="checkbox"/>
3.	The Patterson Company, inc.	398409	Orange, CA	Masonry 59-60, 83-84, 88, 99, 101, 147-149	<input checked="" type="checkbox"/>
4.	Elec Flatiron Electric Group inc.	862724	Chino, CA	Electrical 80-81, 107, 116, 158	<input type="checkbox"/>
5.					<input type="checkbox"/>
6.					<input type="checkbox"/>
7.					<input type="checkbox"/>

(If applicable, check box.) Additional information for Subcontractor List is attached to this Bid. (A copy of this form may be attached with additional Subcontractor information.)

Percent of work to be performed by Subcontractors: 33.8 %

Note: A minimum of 50% of the work is required to be performed by the general/prime Contractor.

Non-Collusion Declaration

To be executed by bidder and submitted with bid.
(Title 23 United States Code Section 112 and Public Contract Code Section 7106)

The undersigned declares:

I am the Senior Estimator (Title) of Granite Construction Company (Company),
the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder.

All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price of any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

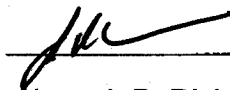
Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the applicable laws that the foregoing is true and correct and that this declaration is executed on

September (Month) 4 (Day) of 2013 (Year),

at Indio (City), California (State).

Signature of Declarant:



Printed name of Declarant:

Joseph P. Richardson

Name of Bidder (Company):

Granite Construction Company

Title or Office:

Senior Estimator

Note: Notarization of signature required.

Check box if attachment is included.

Iran Contracting Act
(Public Contract Code sections 2200-2208)

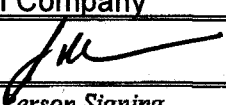
Prior to bidding on, submitting a proposal or executing a contract or renewal for a County of Riverside contract for goods or services of \$1,000,000 or more, a Contractor must either:

- a) Certify it is not on the current list of persons engaged in investment activities in Iran created by the California Department of General Services ("DGS") pursuant to Public Contract Code section 2203(b) and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person, for 45 days or more, if that other person will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS; or
- b) Demonstrate it has been exempted from the certification requirement for that solicitation or contract pursuant to Public Contract Code section 2203(c) or (d).

To comply with this requirement, please insert your Contractor or financial institution name and Federal ID Number (if available) and complete one of the options below. Please note: California law establishes penalties for providing false certifications, including civil penalties equal to the greater of \$250,000 or twice the amount of the contract for which the false certification was made; contract termination; and three-year ineligibility to bid on contracts. (Public Contract Code section 2205.)

Option #1 – Certification

I, the official named below, certify I am duly authorized to execute this certification on behalf of the vendor/financial institution identified below, and the vendor/financial institution identified below is not on the current list of persons engaged in investment activities in Iran created by DGS and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person/vendor, for 45 days or more, if that other person/vendor will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS.

<i>Contractor Name/Financial Institution (Printed)</i> Granite Construction Company		<i>Federal ID Number (or n/a)</i> 94-0519552
<i>By (Authorized Signature)</i> 		
<i>Printed Name and Title of Person Signing</i> Joseph P. Richardson, Senior Estimator		
<i>Date Executed</i> 09-04-13	<i>Executed in</i> Indio, CA	

Option #2 – Exemption

Pursuant to Public Contract Code sections 2203(c) and (d), a public entity may permit a Contractor/financial institution engaged in investment activities in Iran, on a case-by-case basis, to be eligible for, or to bid on, submit a proposal for, or enters into or renews, a contract for goods and services.

If you have obtained an exemption from the certification requirement under the Iran Contracting Act, please fill out the information below, and attach documentation demonstrating the exemption approval.

<i>Contractor Name/Financial Institution (Printed)</i> N/A		<i>Federal ID Number (or n/a)</i>
<i>By (Authorized Signature)</i>		
<i>Printed Name and Title of Person Signing</i>		
<i>Date Executed</i>	<i>Executed in</i>	

GRANITE CONSTRUCTION COMPANY

CERTIFICATE OF SECRETARY

RESOLVED, that, effective April 1, 2013 through December 31, 2013, the individuals named on the attached Exhibit 1 are authorized to negotiate, execute and attest electronic and paper documents necessary for the conduct of the Company's affairs with respect to the submission and execution of construction project bids, bid proposals, bid addenda and all other bid-related documents prepared and submitted on behalf of the Company not to exceed \$25 million, relating to any and all domestic construction projects arising out of the Company's operations.

RESOLVED, that, effective April 1, 2013 through December 31, 2013, the individuals named on the attached Exhibit 2 are authorized to negotiate, execute and attest electronic and paper documents necessary for the conduct of the Company's affairs with respect to the submission and execution of construction project bids, bid proposals, bid addenda and all other bid-related documents prepared and submitted on behalf of the Company not to exceed \$75 million, relating to any and all domestic construction projects arising out of the Company's operations.

I, Richard A. Watts, do hereby certify that I am duly qualified as Secretary of GRANITE CONSTRUCTION COMPANY, a California corporation (the "Company"); that the foregoing is a true and correct copy of resolutions duly adopted effective April 1, 2013 by unanimous written consent of the Executive Committee of the Board of Directors, held without a meeting 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 resolution adopted has not been modified or repealed and is still in full force and effect.

Dated: April 23, 2013



Richard A. Watts

EXHIBIT 1

AUTHORIZED SIGNERS **Granite Construction Company** **Southern California Region** **Indio/San Diego Areas**

DESIGNATED SIGNERS

Jerry Lusich, Regional Chief Estimator
Patrick C. Kelly, Chief Estimator
Mike Boer, Chief Estimator
Joseph P. Richardson, Senior Estimator
Brad J. Williams, Large Project Executive
Matt Beiswenger, Construction Manager
Jeff J. Mercer, Construction Manager
Mark A. Chalfa, Construction Manager
Pike Riegert, Construction Manager
Daniel Rodriguez, Regional Business Manager
Lon Dillman, Regional Office Manager

ATTESTORS

Jerry Lusich, Regional Chief Estimator
Patrick C. Kelly, Chief Estimator
Mike Boer, Chief Estimator
Joseph P. Richardson, Senior Estimator
Brad J. Williams, Large Project Executive
Matt Beiswenger, Construction Manager
Jeff J. Mercer, Construction Manager
Mark A. Chalfa, Construction Manager
Pike Riegert, Construction Manager
Daniel Rodriguez, Regional Business Manager
Lon Dillman, Regional Office Manager
Susan Corkill, Senior Administrative Assistant
Tamara Speer, Project Pursuit Coordinator
Nelly Menjivar, Estimating Assistant
Carolyn Maness, Estimating Assistant

EXHIBIT 2

AUTHORIZED SIGNERS
Granite Construction Company
California Group

DESIGNATED SIGNERS

Jim Radich, VP Northern California Region
Bruce McGowan, VP Central California Region
David A. Donnelly, VP Southern California Region
James William McGowan, VP Large Projects
Jay L. McQuillen, Jr., VP Federal



State Of California

CONTRACTORS STATE LICENSE BOARD
ACTIVE LICENSE



License Number **89**

Entity **CORP**

Business Name **GRANITE CONSTRUCTION COMPANY**

Classification(s) **C36 C10 A B C57 C-2 C-8 C12**
C21 C27 C29 C35 C42 C45 C39
C50 C51 C31


Expiration Date **05/31/2015**

www.cslb.ca.gov

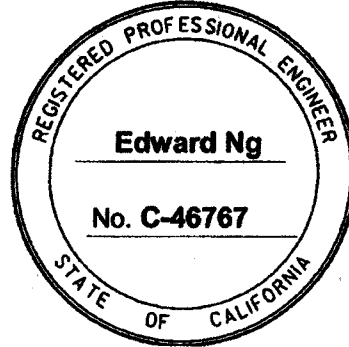


Addendum No. 1
Fred Waring Drive, Roadway Improvements
From Adams Street to Port Maria Road, in the City of La Quinta and Bermuda Dunes area
Project No. B5-0689, State Aid No. SLPPCL13-5956(220)
August 22, 2013
Page 32 of 32

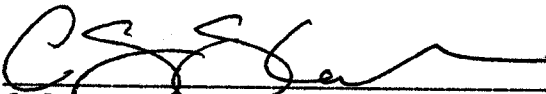
This addendum has been prepared under the direction of the following registered Civil Engineer(s):



Edward Ng, P.E.



Recommended by:



C. Scott Staley, PE
County Project Manager

Concurrence:

 8/22/13

Khalid Nasim, PE
Engineering Division Manager

Acknowledged:  Date: 8/22/13

(Contractor)

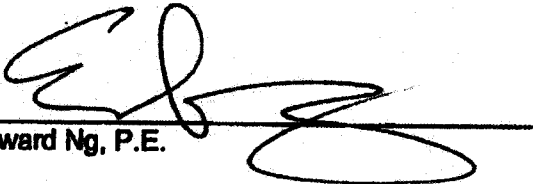
JRJ:jj:sb

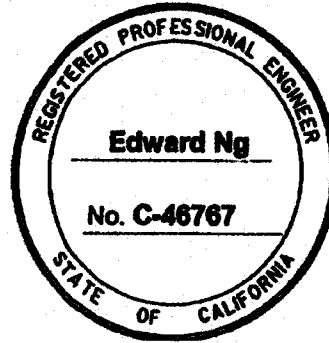
JOSEPH R RICHARDSON, SENIOR ESTIMATOR

Note: Refer to Instruction to bidder item 8 "Addenda", all pages and attachments of addendum are not required to submit with bid proposal. Only this acknowledgement page is required.

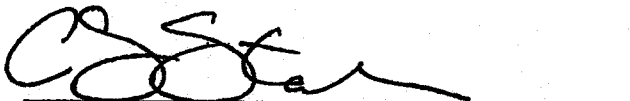
Addendum No. 2
Fred Waring Drive, Roadway Improvements
From Adams Street to Port Maria Road, in the City of La Quinta and Bermuda Dunes area
Project No. B5-0689, State Aid No. SLPPCL13-5958(220)
August 28, 2013
Page 7 of 8

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


Edward Ng, P.E.



Recommended by:

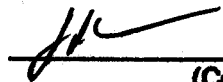

C. Scott Staley, PE
County Project Manager

Concurrence:

Signature on File

Khalid Nasim, PE
Engineering Division Manager

Acknowledged:

 Date: 8/28/13
(Contractor)

JRJ:jrj:sb

JOSEPH P. RICHARDSON, SENIOR ESTIMATOR

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).

Bid Bond

Recitals:

1. Granite Construction Company "Contractor", has submitted his/her Contractor's Proposal to County of Riverside, "County", for the construction of public work for Fred Waring Drive, Roadway Improvements, from Adams Street to Port Maria Road, in the City of La Quinta and Bermuda Dunes area, Project No. B5-0689, State Aid No. SLPPCL13-5956(220) in accordance with a Notice Inviting Bids from the County.
2. Federal Insurance Company an Indiana corporation, hereafter called "Surety", is the surety of this bond.

Agreement:

We, Contractor as Principal and Surety as Surety, jointly and severally agree and state as follows:

1. The amount of the obligation of this bond is 10% of the amount of the Contractor's Proposal, including bid alternates, and inures to the benefit of County.
2. This Bond is exonerated by (1) County rejecting said Proposal or, in the alternate, (2) if said Proposal is accepted, Contractor executes the Contract and furnishes the Bonds as agreed to in its Proposal, otherwise it remains in full force and effect for the recovery of loss, damage and expense of County resulting from failure of Contractor to act as agreed to in its Proposal. Some types of possible loss, damage and expense are specified in the Contractor's Proposal.
3. Surety, for value received, stipulates and agrees that its obligations hereunder shall in no way be impaired or affected by any extension of time within which County may accept the Proposal and waives notice of any such extension.
4. This Bond is binding on our heirs, executors, administrators, successors and assigns.

Dated: 08/22/13

Signatures:

Federal Insurance Company

Granite Construction Company

By: *Ashley Stinson*
Ashley Stinson, Attorney-in-Fact

By: *Joseph P. Richardson*
Joseph P. Richardson

Title: Attorney in Fact
"Surety"

Title: Senior Estimator
"Contractor"

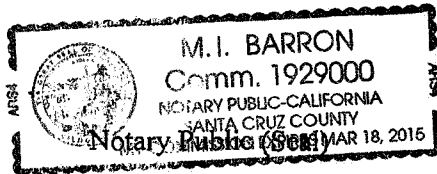
STATE OF California
COUNTY }
OF Santa Cruz

ss. SURETY'S ACKNOWLEDGEMENT

On 08/22/13 before me, M.I. Barron, Notary Public personally appeared, Ashley Stinson 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/she executed the same in his/her authorized capacities, and that by his/her 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.

M.I. Barron
Signature of Notary Public M.I. Barron



Note: This Bond must be executed by both Contractor and Surety with corporate seal affixed. All signatures must be notarized. (Attach acknowledgements).



**Chubb
Surety**

**POWER
OF
ATTORNEY**

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

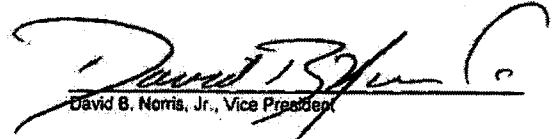
**Attn: Surety Department
15 Mountain View Road
Warren, NJ 07059**

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


David B. Norris, Jr., Vice President

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

August 22, 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

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

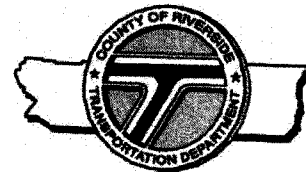
Lines of Insurance Authorized to Transact

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



COUNTY OF RIVERSIDE TRANSPORTATION AND LAND MANAGEMENT AGENCY



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

Transportation Department

ADDENDUM NUMBER 1

Dated August 22, 2013

to the
Specifications and Contract Documents
for the construction of

Fred Waring Drive
Roadway Improvements
From Adams Street to Port Maria Road
In the City of La Quinta and Bermuda Dunes area

Project No. B5-0689
State Aid No. SLPPCL13-5956(220)

Bids Due:

(REVISED)
Wednesday, August 28, 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: The new designated date and time for the receipt and opening of bids is revised as follows:

Wednesday, September 4, 2013; 2:00 PM
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

Item 2: Revised Proposal

Refer to "Proposal" pages B2 through B6. Proposal (pages B2-B6) is deleted and replaced with revised "Proposal" attached herewith as **Attachment "A"**. The following revisions have been made to the bid Proposal:

a. The following bid items descriptions have been revised:

- Item 1, Mobilization, Demobilization and Final Cleanup
- Item 32, Minor Concrete (Miscellaneous Construction)(Curb Drain System Per Detail In Sheet C-15)
- Item 45, Minor Concrete (Stamped Colored Concrete Pavement)
- Item 61, Rubberized Hot Mix Asphalt
- Item 67, Minor Concrete (Driveway) (paving with concrete pavers)
- Item 71, Funding Awareness Sign
- Item 76, Construct Monument Sign
- Item 86, Minor Concrete (Walkway And Pavement Infill)
- Item 94, Reconstruct Gate Trench
- Item 100, Remove and Reconstruct Wrought Iron Fence On Block Wall
- Item 101, Construct Block Retaining Wall Per SPPWC Std. Plan No.618-3 With Brick Cap
- Item 102, Reconstruct Chain Link Gate (Type CL-6), Slatted With Barbed Wire, L=8'
- Item 103, Reconstruct Chain Link Fence (Type CL-6), Slatted With Barbed Wire
- Item 128, Echinocactus Grusonii (8"-12")
- Item 137, Stamped Concrete Paving For Median
- Item 138, Bougainvillea '00-La-La' Replacement Plants (5 Gal)
- Item 139, Cassia Nemophila Replacement Plants (5 Gal)
- Item 140, Lantana Montevicensis Replacement Plants (5 Gal)

b. The quantities of following bid items have been revised:

- Item 45, Stamped Colored Concrete Pavement
- Item 77, Wall Plaque
- Item 78, Post Mounted Mailbox
- Item 83, Masonry Block Wall
- Item 84, Retaining Wall (Masonry Wall)
- Item 85, Minor Concrete (Driveway)
- Item 86, Minor Concrete (Walkway And Pavement Infill)
- Item 96, Adjust Pedestrian Gates
- Item 97, Remove And Reconstruct Concrete Steps
- Item 98, Construct Concrete Steps
- Item 102, Reconstruct Chain Link Gate (Type CL-6), Slatted With Barbed Wire, L=8'0
- Item 103, Reconstruct Chain Link Fence (Type CL-6), Slatted With Barbed Wire

c. The following bid items have been added:

- Item 145, Minor Concrete (Transition Structure)
- Item 146, Minor Concrete (Continuous Reinforced Concrete Strip)
- Item 147, Planter Wall Retrofit and Height Extension
- Item 148, Construct Slough Wall
- Item 149, Block Wall Height Extension With Tubular Steel Fence
- Item 150, Wall Mounted Call Box
- Item 151, Salvage and Reinstall Lights on Walls and Pilasters
- Item 152, Salvage and Reinstall Statues on Pilasters
- Item 153, Salvage and Reinstall Flag Pole and Uplights
- Item 154, Decorative Arches
- Item 155, Construct Chain Link Fence Type CL-6, Slatted

d. The following bid items have been deleted:

- Item 28, Minor Concrete (Curb Drain System Per Detail in Sheet C-15)
- Item 79, Wall Mounted Mailbox
- Item 82, Demobilization
- Item 92, Remove and Reconstruct Pedestrian Gate
- Item 93, Remove and Reconstruct Iron Decorative Gate
- Item 95, Construct Gate Trench

See Attachment "A", Revised Proposal

Item 3: 00-1.07 Progress Payment Restrictions

Refer to "Special Provisions" pages 3. The following item is added to the list of items of work in second paragraph selected for progress payment restrictions and made part hereof:

D. Mobilization, Demobilization and Final Cleanup \$390,000

Item 4: 00-1.17 De-Mobilization

Refer to "Special Provisions" pages 12. Delete the entire section 00-1.17 and replace with the following Special Provisions:

00-1.17 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, equipment, 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 certified payroll documents to the Engineer;
6. Submission of property owner releases, as required by the Engineer;
7. Completion of the requirements of permits issued by other agencies;
8. Satisfactory completion of all other contractually and legally required construction and administrative items of work.

Demobilization 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 Demobilization 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%)	100%

- B. Payment of Mobilization, Demobilization and Final Cleanup work shall be based upon the contract 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 5: Bid Items and Applicable Sections

Refer to "Special Provisions" pages 14 and 15. The "Bid Items and Applicable Sections" (pages 14-15) is deleted and replaced with revised "Bid Items and Applicable Sections" attached herewith as **Attachment "B"**.

See Attachment "B", Bid Items and Applicable Sections

Item 6: 2-1.06B Supplemental Project Information

The following Special Provisions are added and made part hereof. The County makes the following supplemental project information available:

1. Imperial Irrigation District, Coachella Valley Power Divisions requirements, provisions and standards
Service Notification: 401837
Service Order: 60077999
2. Imperial Irrigation District, Developer Energy Planning Guide, Revision 4.3, 2010

During the advertisement period of this project, the supplemental information will be available as a free download for use by the Contractor at the following County website:

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

Supplement project information is part of the Contract Documents and Special Provisions. These documents are also available upon request to the Transportation Department: (951) 955-6780.

Item 7: 15-2.03D(2) 79360 Fred Waring Drive

Refer to Section 15-2.03D(2) on page 35 of the Special Provisions.

The following Special Provisions are added and made part hereof:

Existing wrought iron fence in front of this property (Address: 79360 Fred Waring Drive) shall be salvaged and reinstalled on top of the short block retaining wall as shown on the plan. Weld additional post extensions and mounting flanges as necessary to install the fencing on top of the short retaining wall.

Item 8: 15-2.04F Wall Reconstruction Jointing to Existing Walls

Refer to Section 15-2.04F on page 35 of the Special Provisions.

Delete the entire section and replace with the following Special Provisions:

15-2.04F Wall Reconstruction

15-2.04F(1) Wall Reconstruction Joining to Existing Walls

Where existing walls are reconstructed and join to existing walls, the wall finish and color of the reconstructed wall shall match that of the original wall and that of the adjoining sections of wall remaining. The wall finish and paint, if applicable, shall be joined and blended to result in a uniform and consistent appearance along the entire length of wall. Prior to wall reconstruction, provide a 24"x24" sample of the wall finish and paint color to the Engineer for approval.

15-2.04F(2) Wall Mounted Lights, Wall Statues, Call Boxes and Decorative Items

Wall mounted lights on the existing walls at 79140, 79160, 79190, 79280 and 79440 Fred Waring Drive shall be salvaged and placed on the new replacement wall in good and operational condition. Safely store the salvaged lights until the lights are reinstalled. Coordinate with homeowners prior to construction to confirm the locations of the lights. Install electrical conduits and wiring within walls to each light fixture and connect to existing power source. Cost of conduits are included in the Bid Item for "Salvage and Reinstall Lights of Walls and Pilasters."

The statues on walls at 79160 Fred Waring Drive and 79480 Fred Waring Drive shall be removed and salvaged and remounted on the replacement wall. Safely store the salvaged statues until they are reinstalled on the pilasters. Coordinate the final location and placement of the statues with homeowners prior to construction. Statues shall be mounted securely to the replacement wall pilasters.

Call boxes shall be salvaged or replaced as necessary to the locations as designated by homeowners.

15-2.04F(3) Pilaster Finish

Pilasters shall be finished to match the existing wall and pilaster finish.

Stone tiles for the pilasters at 79140 Fred Waring shall match the existing tiles. Coordinate with the homeowners on the final selection of tiles.

The finish surface of the pilasters at 79480 Fred Waring Drive will be refinished with manufactured stone veneer on the three faces of each pilaster visible from the street. The manufactured stone pattern is "Eastern Mountain Ledge" Carmel Mountain color. The homeowner will purchase and furnish the manufactured stone veneer to the Contractor for installation. Contractor shall furnish all other materials, tools, equipment, and labor to install the manufactured stone veneer on the pilaster. Contractor shall coordinate with homeowner to identify the quantity of veneer to be purchased by the homeowner for installation on the pilasters.

15-2.04F(4) Horizontally Reconfigured Walls

Generally, the horizontal wall alignments of the reconstructed walls match the existing wall alignments. Contractor's attention is directed to the following exceptions:

79140 Fred Waring Drive - The reconstructed wall will be relocated to parallel and adjacent to the right-of-way line. The west end connection to the wall will be realigned and the driveway openings are changed. Remove only interfering portions of existing wall and driveway.

79150 Fred Waring Drive - The angle of the pedestrian entry gate and the adjoining wall will be reconstructed with the pedestrian gate parallel to the right-of-way line.

79190 Fred Waring Drive - The existing stacked block retaining wall will be replaced by a masonry block retaining wall adjacent to the right-of-way line. The swing gates will be replaced with a sliding gate.

79340 Fred Waring Drive - The reconstructed wall will be located along the right-of-way line with only one driveway opening. Relocate the sliding gate to the reconstructed wall. Remove the existing wall along the front of the property. Remove only interfering portions of existing driveway.

79550 Fred Waring Drive - The western end of the wall will be realigned for a larger utility easement area.

43955 Port Maria Road - The western end of the wall will be realigned for a larger utility easement area.

Rancho Ocotillo Development - The soundwalls along south side of Fred Waring Drive from Adams Street to Sta 66+76 will generally be relocated north of the existing perimeter wall. Remove portions of existing perimeter wall per details shown on plans. Construct new connections to existing property walls that are to remain.

La Quinta Palms Community - The soundwall will be slightly realigned in the area of the small picket fences and will eliminate the small picket fences. Sections of wall realignment are also located near "SW1" Sta. 16+00 and "SW2" Sta 20+60. The western end of the soundwall from "SW2" Sta. 25+12 has been realigned to a curved alignment.

15-2.04F(5) Reconstruct Dumpster Enclosure Wall, Door and Tracks

The dumpster enclosure walls at 79190 Fred Waring Drive are to be reconstructed and shall match or exceed the existing size and clearances of the existing enclosure area. The wheel guides shall match the existing wheel guides in dimension and provide the same operational function as the existing guides. The enclosure door shall be solid and shall open with a clear opening to allow the dumpster to be moved in and out of the enclosure area. The door swing will allow the door to swing open and close without interference with the driveway surface.

15-2.04F(6) Remove and Reconstruct Wrought Iron Fence on Block Wall

The existing wrought iron fence 79360 Fred Waring Drive shall be salvaged and reinstalled on a new block wall constructed to the height shown on the plans. Salvage and store the wrought iron fence sections until the wrought iron fence is to be installed. Cut the fence sections to facilitate rejoining the fence sections into a

single fence. Modify the fence posts as necessary for mounting the fence sections on the block wall.

Mount the wrought iron fence securely on the block wall. The fence sections shall be installed plumb and in a straight alignment parallel with the right-of-way line. Weld the salvaged fence sections together. Grind the welds so they are smooth and even with the surface of the fence members. Primer and paint the fence to match the original color of the fence.

15-2.04F(7) Block Wall Height Extension With Tubular Steel Fence

The existing block wall at 79380 Fred Waring Drive shall be extended in height by 2 feet and the tubular steel fence reinstalled on the extended wall.

Salvage and store the tubular steel fence sections until the tubular steel fence is to be installed. Cut the fence sections as necessary to facilitate rejoining the fence sections into a single fence.

Remove the existing concrete masonry wall cap. Insert additional reinforcing bars into the empty wall cells per the plan details. Construct the additional height of CMU block per plans. Match the existing CMU split face block in color, size and shape. Fill cells containing reinforcing bars with grout. Install CMU cap and reinstall the tubular steel

15-2.04F(8) Planter Wall Retrofit and Height Extension

The meandering planter walls at 79300 and 79320 Fred Waring Drive are to be extended 16" in height and refinished to match existing wall.

Retrofit wall footing per details shown on plans. Excavate soils at footing to avoid undermining under the footing. Brace walls as necessary to avoid excess movement of the planter wall. When excavating at the footings, excavate and expose no more than 20 foot contiguous segments. Roughen surface of footing where it will be joined to footing extension concrete.

Remove existing wall cap and extend height of wall as shown on plans. Install new cap. Refinish and paint wall to match existing.

Item 9: 15-2.04G Driveway Reconstruction

Refer to Section 15-2.04G on page 36 of the Special Provisions.

The following Special Provisions are added and made part hereof:

15-2.04G(1) Driveway Reconstruction Exceptions

Driveways will typically be reconstructed to the new grades with driveway surfacing matching the existing driveway surface. By agreement with the County, some properties have elected to reconstruct their own driveways. The properties with driveway to be reconstructed by the homeowners are:

79140 Fred Waring Drive - Remove portions of existing driveway conflicting with the street and block wall construction. Protect the remaining portion of the driveway.

Provide an asphalt concrete paved grade transition from the street curb and driveway to remaining driveway to provide continued access to the property.

79340 Fred Waring Drive - Remove portions of existing driveway conflicting with the street and block wall construction. Protect the remaining portion of the driveway. Provide an asphalt concrete paved grade transition from the street curb and driveway to remaining driveway to provide continued access to the property.

79400 Fred Waring Drive - Remove driveway pavers and regrade the driveway and adjacent areas per the grading contours shown on the plans. No driveway surfacing is required on this property.

79420 Fred Waring Drive - Remove driveway to the limits shown and regrade the driveway and adjacent areas per the grading contours shown on the plans. No driveway surfacing is required on this property.

Item 10: 15-2.04H Flagpole and Uplight Reconstruction

The following Special Provisions are added and made part hereof:

15-2.04H Flagpole and Uplight Reconstruction

Flagpole and uplights at 79190 Fred Waring Drive shall be salvaged and reconstructed. Reinstall flagpole with a concrete footing 36" in depth and 24" diameter. Flagpole shall be installed plumb. Coordinate with homeowner for location of the placement of the relocated lights and flagpole.

Item 11: 15-2.04I Remove and Reconstruct Concrete Steps

The following Special Provisions are added and made part hereof:

15-2.04I Remove and Reconstruct Concrete Steps

Concrete steps to be reconstructed at 79280, 79420, and 79440 Fred Waring Drive shall match the existing color and texture of the existing steps. The steps shall be reconfigured per the plans.

The steps at 79440 Fred Waring Drive shall include Mexican style tiles at the front edge of the steps. Coordinate with homeowner on the selection of the tiles.

Payment for the Bid Item, "Remove and Reconstruct Concrete Steps", shall include sawcutting; removal of concrete steps, landings, and walkways; reconstruction of concrete steps, landings, and walkways to join to existing walkways or driveways; and backfilling and regrading of soils adjacent to the reconstructed steps. Measurement shall be based on the square feet of reconstructed steps, landings and walkways.

Item 12: 15-2.04J Adjust Gates

The following Special Provisions are added and made part hereof:

15-2.04J Driveway Gate and Pedestrian Gate Adjustment

Existing driveway and pedestrian gates shall be adjusted to fit the new finish grades.

15-2.04J(1) Adjust Manual Driveway Gate

Manual sliding driveway gates shall be adjusted to the new finish grades. Remove and safely store the existing gate, guides, and other hardware until the gates are reinstalled. Install new gate track at the new finish surface. Reinstall the gate, guides and other hardware to the new wall. Modify mountings, attachments, and other hardware as necessary to attach the hardware and gate at their new location. Check installed gate for smooth opening, closing and operation of the gate.

15-2.04J(2) Adjust Motorized Driveway Gate

Motorized sliding driveway gates shall be adjusted to the new finish grades. Prior to removal of the gate and operator, check and confirm the operating condition of the gate operator. Measure and document the locations of the existing gate operator and the gate. Identify the location of the power source for the gate operator. Remove and safely store the existing gate, guides, gate operator, and other hardware until the gate is reinstalled. Relocate existing conduit or install additional conduit to the new location of the gate operator. Install new gate track at the new finish surface. Reinstall the gate, guides and other hardware to the new wall. Modify mountings, attachments, and other hardware as necessary to attach the hardware and gate at their new location. Reinstall gate operator and attachments to the gate. Check installed gate for smooth opening, closing and operation of the gate. Check the gate operator for proper operation.

15-2.04J(3) Adjust Pedestrian Gate

Pedestrian gates shall be adjusted to the new finish grades. Remove and safely store the existing gate and other hardware until the gate is reinstalled. Modify mountings, attachments, and other hardware at necessary to mount the pedestrian gates at their new location. Reinstall the gate, hinges, locks and other door hardware at their new location. Check pedestrian gate for smooth operation and security features.

Item 13: 15-2.04K Manual Driveway Sliding Gate

The following Special Provisions are added and made part hereof:

15-2.04K Manual Driveway Sliding Gate

The existing double swing gate at 79190 Fred Waring Drive is to be removed and replaced with a new manual sliding gate. The sliding gate shall be constructed of square steel tubing frame and steel pickets. Steel tubing frame shall have a minimum dimension of 2-1/4". Steel pickets shall be 3/4"x3/4" minimum and spaced no more than 6" center to center. Height of gate shall be 6 feet height. The width of the gate shall overlap the wall opening, including provisions for a gate operator. Gate shall be constructed to be mounted along the outside face of the planter retaining wall. Gate and hardware shall be painted with primer and two coats of paint in accordance with Section 59 "Painting" and Section 91 "Paint". Coordinate with

homeowner for paint color. Provide shop drawings of the gate, guides, track and other hardware to the Engineer prior to construction.

Install new gate track at the new finish surface. Install the gate, guides and other hardware to the new wall. Check installed gate for smooth opening, closing and operation of the gate.

Gate operator is not included. However, provisions for gate operator shall be made to accommodate future installation of gate operator. Assure sufficient clearance from other site improvements for location of a gate operator and install empty conduit from the potential gate operator location to a location for power at the front of the garage. Install watertight cap in ends of conduit. Coordinate with homeowner for location of the end of conduit at the garage. The conduit is included in payment for the Bid Item for "Manual Sliding Gate."

Item 14: 15-2.04L Chain Link Fence and Gate Reconstruction

The following Special Provisions are added and made part hereof:

15-2.04L(1) Reconstruct Chain Link Fence

Reconstruct chain link fence (at APN 609-340-010) with plastic slats. The chain link fence shall include three strands of barbed wire along the top of the fence.

15-2.04L(2) Reconstruct Chain Link Gate

Reconstruct chain link gate (at APN 609-340-010) with plastic slats. The chain link gate shall include three strands of barbed wire along the top of the fence.

Item 15: 16-1.04 Payment

Delete the section's provisions of Standard Specification and replace with the following Special Provisions:

The contract unit bid price paid per each for Remove Tree shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all work involved in tree removal, and disposal and no additional compensation will be allowed.

Item 16: 39 Hot Mix Asphalt

Refer to Section 39 on page 37 of the Special Provisions. Delete the entire Provisions (Pages 37-49) for section "Hot Mix Asphalt" and replace with the following:

This work includes producing and placing hot mix asphalt (HMA) Type A and RHMA-G. Comply with the specifications for HMA under Section 39, "Hot Mix Asphalt" of the Standard Specifications and these Special Provisions. All other requirements of Section 39 shall apply unless otherwise modified or replaced in these Special Provisions.

The type of hot mix asphalt will be shown on the plans or specified in the Special Provisions.

Asphalts

Asphalt shall conform to the provisions in this Section, "Asphalts." Section 92, "Asphalts" of the Standard Specifications shall not apply.

Asphalt shall consist of refined petroleum or a mixture of refined liquid asphalt and refined solid asphalt, prepared from crude petroleum. Asphalt shall be:

1. Free from residues caused by the artificial distillation of coal, coal tar, or paraffin;
2. Free from water;
3. Homogeneous.

The Contractor shall furnish asphalt in conformance with the State of California Department of Transportation's "Certification Program for Suppliers of Asphalt". The Department maintains the program requirements, procedures, and a list of approved suppliers at <http://www.dot.ca.gov/hq/esc/Translab/ofpm/fpmcoc.htm> or the State of California Department of Transportation's METS web site.

The Contractor shall ensure the safe transportation, storage, use, and disposal of asphalt.

The Contractor shall prevent the formation of carbonized particles caused by overheating asphalt during manufacturing or construction.

The grade for asphalt binder shall be PG 70-10.

The grade for asphalt rubber binder shall be PG 64-16. The asphalt rubber binder shall meet the requirements in Section 39-1.02D of the Standard Specifications.

Grades

Performance graded (PG) asphalt binder shall conform to the following table:

Performance Graded Asphalt Binder

Property	AASHTO Test Method	Specification Grade		
		PG 64-10	PG 64-16	PG 70-10
Original Binder				
Flash Point, Minimum °C	T48	230	230	230
Solubility, Minimum % ^b	T44	99	99	99
Viscosity at 135 °C, Maximum, Pa s	T316	3.0	3.0	3.0
Dynamic Shear, Test Temp. at 10 rad/s, °C	T315	64	64	70
Minimum G*/sin(delta), kPa		1.00	1.00	1.00
RTFO Test ^e ,	T240	1.00	1.00	1.00

Mass Loss, Maximum, %				
RTFO Test Aged Binder				
Dynamic Shear, Test Temp. at 10 rad/s, °C Minimum $G^*/\sin(\delta)$, kPa	T315	64 2.20	64 2.20	70 2.20
Ductility at 25 °C Minimum, cm	T51	75	75	75
PAV ^f Aging, Test Temperature, °C	R28	100	100	110
RTFO Test and PAV Aged Binder				
Dynamic Shear, Test Temp. at 10 rad/s, °C Maximum $G^*/\sin(\delta)$, kPa	T315	31 ^d 5000	28 ^d 5000	34 ^d 5000
Creep Stiffness, Test Temperature, °C Maximum S-value, Mpa Minimum M-value	T313	0 300 0.300	-6 300 0.300	0 300 0.300

Notes:

- a. Not used.
- b. The Engineer will waive this specification if the supplier is a Quality Supplier as defined by Department's "Certification Program for Suppliers of Asphalt".
- c. The Engineer will waive this specification if the supplier certifies the asphalt binder can be adequately pumped and mixed at temperatures meeting applicable safety standards.
- d. Test the sample at 3 °C higher if it fails at the specified test temperature. $G^* \sin(\delta)$ shall remain 5000 kPa maximum.
- e. "RTFO Test" means the asphaltic residue obtained using the Rolling Thin Film Oven Test, AASHTO Test Method T240 or ASTM Designation: D2827.
- f. "PAV" means Pressurized Aging Vessel.

Aggregate

Aggregates shall be clean and free from decomposed materials, organic material, and other deleterious substances. Coarse aggregate is material retained on the No. 4 sieve and fine aggregate is material passing the No. 4 sieve. Supplemental fine aggregate is added fine material passing the No. 30 sieve including, but not limited to, cement and stored fines from dust collectors.

The aggregate grading of the different types of hot mix asphalt shall conform to the following, unless otherwise specified on the plans:

HMA Type	Grading
A	3/4-inch
RHMA-G	1/2-inch

The combined aggregate and quality characteristics for the aggregate for use in HMA Type A and RHMA-G, as specified above, prior to addition of asphalt binder, shall

conform to the requirements of Section 39-1.02E, "Aggregate" of the Standard Specifications.

Lift Thickness

Hot mix asphalt shall be spread and compacted in the number of layers of the thicknesses indicated in the following table:

Total Thickness Shown on Plans ^a	Minimum No. of Layers	Top Layer Thickness (ft)		Next Lower Layer Thickness (ft)		All Other Lower Layer Thickness (ft)	
		Min.	Max.	Min.	Max.	Min.	Max.
0.24-foot or less	1	-	-	-	-	-	-
0.25-foot	2 ^b	0.12	0.13	0.12	0.13	-	-
0.26 - 0.46 foot	2	0.12	0.21	0.14	0.25	-	-
0.47-foot or more	3 or more	0.15	0.21	0.15	0.25	0.17	0.25

^a When pavement reinforcing mat is shown to be placed between layers of asphalt concrete, the thickness of asphalt concrete above the pavement reinforcing mat shall be considered to be the "Total Thickness Shown on Plans."

^b One layer of 0.25 foot thick may be placed as approved by the Engineer. When the Traffic Index specified is 5.5 or below, two layers shall be placed.

Reclaimed Asphalt Pavement

The use of reclaimed asphalt pavement (RAP) in HMA production shall comply to Section 39-1.02F, "Reclaimed Asphalt Pavement" of the Standard Specifications, and this Section.

HMA Mix Design

The HMA mix design shall conform to Section 39-1.03B, "Hot Mix Asphalt Mix Design" of the Standard Specifications and the provisions of this Section, "HMA Mix Design." The mix design process consists of performing California Test 367 and laboratory procedures in combinations of aggregate gradations and asphalt binder contents to determine the optimum binder content (OBC) and HMA mixture qualities. The results become the proposed job mix formula (JMF).

The Contractor shall submit records of aggregate quality and mix design data. Test data shall be within one year from the last test performed.

The Contractor shall submit the HMA mix design using the "COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT, CONTRACTOR JOB MIX FORMULA PROPOSAL" form to present the JMF. Formats other than the referenced form will not be accepted. Refer to Appendix "B" of Special Provisions for JMF form.

The final HMA mix design shall be signed and stamped by a Civil Engineer registered in the State of California.

The HMA mix design for Type A and RHMA-G shall comply with the requirements in Section 39-1.03B of the Standard Specifications.

Sampling

The Contractor or the Contractor's representative shall provide a sampling device in the asphalt feed line connecting the plant storage tanks to the asphalt weighing system or spray bar. The sampling device shall be accessible between 24 and 30 inches above the platform. The Contractor shall provide a receptacle for flushing the sampling device.

The sampling device shall include a valve:

1. With a diameter between 1/2 and 3/4 inches;
2. Manufactured in a manner that a one-quart sample may be taken slowly at any time during plant operations;
3. Maintained in good condition.

The Contractor shall replace failed valves.

In the presence of the Engineer, the Contractor shall take 2 one-quart samples per operating day. The Contractor shall provide round friction top containers with one-quart capacity for storing samples.

Prime Coat

Liquid asphalt for prime coat shall conform to the provisions in Section 93, "Liquid Asphalts" of the Standard Specifications and shall be **Grade SC-70**. Prime coat shall be applied only to those areas designated by the Engineer. The application rate shall be 0.20 gallon per square yard of surface covered. The exact rate and number of applications will be determined by the Engineer.

Tack Coat

Asphaltic emulsion for paint binder (tack coat) shall conform to the provisions in Section 94, "Asphaltic Emulsion" of the Standard Specifications for the rapid-setting, slow-setting, or polymer-modified type and grade approved by the Engineer. **Grade SS1h** shall be used if not otherwise specified. Tack coat shall be applied to all vertical surfaces of existing pavement, curbs, gutters, and construction joints in the surfacing against which additional material is to be placed, to a pavement to be surfaced, and to other surfaces designated in the Special Provisions. The application rate shall be from 0.02 to 0.10 gallon per square yard of surface covered. The exact rate and number of applications will be determined by the Engineer. Application of tack coat shall meet the provisions in Section 39-1.09C of the Standard Specifications.

Control of Materials

All proposed materials for use in HMA shall be furnished in conformance with the provisions of Section 6, "Control of Materials" of the Standard Specifications and this Section. All materials to be used in producing the hot mix asphalt shall be supplied from a single source for each material unless approved by the Engineer. Materials to be used in HMA will be subject to inspection and tests by the Engineer. The Contractor shall furnish without charge sample of materials as may be required.

The Contractor shall furnish the Engineer a list of the Contractor's sources of materials and the locations at which those materials will be available for inspection. The Contractor shall assure that the Engineer has free access or entry at all times to the material or production of the material to be inspected, sampled, and tested. It is understood that the inspections and tests made at any point shall, in no way, be considered as a guaranty of acceptance of the material nor continued acceptance of the material presumed to be similar to that upon which inspections and tests have been made, and that inspection and testing performed by the Engineer shall not relieve the Contractor of responsibility for quality control.

All materials which the Engineer has determined defective or do not conform to the requirements of the plans and specifications will be rejected whether in place or not. Under the provisions of this Section, the Engineer will have authority to cause the removal and replacement of rejected material and to deduct the cost thereof from any moneys due or to become due the Contractor.

Utility Covers

The Contractor shall adjust to finish grade any valve covers encountered within the project limits, as required, for those utility valves that are provided with slip cans and are adjustable without the replacement of part or the removal of concrete collars. In cases where the owning utility company insists upon upgrades in the standards, or when additional parts or the removal of concrete collars are required for the adjustment, said adjustment will be the responsibility of the owning utility company.

The Contractor shall lower manholes and valves when and as necessary for the protection of the traveling public during construction, and shall coordinate all work on said facilities with the owning utility companies. Final adjustment to grade will be the responsibility of the owning utility company, except as provided herein.

Production of HMA

Production of HMA and RHMA-G shall be in conformance with the provisions in Section 39-1.08 of the Standard Specifications.

Placing HMA

Asphalt paving equipment shall be in conformance with the provisions of Section 39-1.10, "Spreading and Compacting Equipment" of the Standard Specifications. Spreading and Compacting shall be in accordance with this Section and the

provisions in Section 39-1.11, "Transporting, Spreading, and Compacting" of the Standard Specifications, except QC/QA construction process and RHMA-G do not apply.

When placing asphalt concrete to the lines and grades established by the Engineer, the automatic controls shall control the longitudinal grade and transverse slope of the screed. Grade and slope references shall be furnished, installed, and maintained by the Contractor. Should the Contractor elect to use a ski device, the minimum length of the ski device shall be 30 feet. The ski device shall be a rigid one piece unit and the entire length shall be utilized in activating the sensor.

When placing the initial mat of asphalt concrete on existing pavement, the end of the screed nearest the centerline shall be controlled by a sensor activated by a ski device not less than 30 feet. The end of the screed farthest from centerline shall be controlled by an automatic transverse slope device set to reproduce the cross slope designated by the Engineer, by a sensor activated by a similar ski device or as directed by the Engineer.

When paving contiguously with previously placed mats, the end of the screed adjacent to the previously placed mat shall be controlled by a sensor that responds to the grade of the previously placed mat and will reproduce the grade in the new mat within a 0.12 inch tolerance. The end of the screed farthest from the previously placed mat shall be controlled in the same way it was controlled when placing the initial mat.

Should the methods and equipment furnished by the Contractor fail to produce a layer of asphalt concrete conforming to the provisions, including straightedge tolerance, of Section 39-1.11, "Transporting, Spreading, and Compacting" of the Standard Specifications or elsewhere in these Special Provisions, the paving operations shall be discontinued and the Contractor shall modify the equipment or methods, or furnish substitute equipment.

Should the automatic screed controls fail to operate properly during a day's work, the Contractor may manually control the spreading equipment for the remainder of that day. However, the equipment shall be corrected or replaced with alternative automatically controlled equipment conforming to the provisions in this section before starting another day's work.

Construction Process of HMA

The HMA construction process shall comply with the provisions of Section 39 of the Standard Specification, the provisions of these Special Provisions, and shall include one or more of the following.

1. Standard
2. Method

Standard

When the total HMA is more than 3,000 tons, the Standard construction process shall be followed as specified in Section 39-2, "Standard Construction Process" of the Standard Specification and the following:

When the total paved HMA thickness is at least 0.15 foot and the individual layer is more than 0.15 foot, the Contractor shall determine the in-place density and relative compaction of HMA pavement in accordance with the procedures of California Test 375. The Contractor shall use California Test 308, Method A, in determining in-place density of each density core instead of using the nuclear gauge in Part 4, "Determining In-Place Density by the Nuclear Density Device." The Contractor shall use California Test 309 to determine the maximum theoretical density instead of calculating test maximum density in Part 5, "Determining Test Maximum Density" and shall be at the frequency specified for Test Maximum Density under California Test 375, Part 5D. Relative compaction is required for HMA Type A and RHMA-G and shall be reported at various pave thicknesses as listed in the following table:

HMA Relative Compaction Requirements

HMA	Minimum Pave Thickness (ft)	Relative Compaction (%)
RHMA-G (1/2-inch)	0.15	91-97
Type A (3/4-inch)	0.15	91-97

The Contractor shall perform quality control sampling and testing at the specified frequency for the quality characteristics shown in the following table:

Addendum No. 1

Fred Waring Drive, Roadway Improvements

From Adams Street to Port Maria Road, in the City of La Quinta and Bermuda Dunes area

Project No. B5-0689, State Aid No. SLPPCL13-5956(220)

August 22, 2013

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Quality characteristic	Test method	Minimum sampling and testing frequency	HMA type		
			A	C	RHMA-G
Aggregate gradation ^a	California Test 202	1 per 750 tons and any remaining part	JMF ± Tolerance ^b	JMF ± Tolerance ^b	JMF ± Tolerance ^b
Sand equivalent (min) ^c	California Test 217		47	47	47
Asphalt binder content (%)	California Test 379 or 382		JMF ± 0.45	JMF ± 0.45	JMF ± 0.50
HMA moisture content (% max)	California Test 226 or 370	1 per 1,500 tons but not less than 1 per paving day	1.0	1.0	1.0
Percent of maximum theoretical density (%) ^{d, e}	QC plan	1 per day's production (min.)	91-97	91-97	91-97
Stabilometer value (min) ^{e, f} 1/2" and 3/4" gradings 1" gradings	California Test 366	One per 1,500 tons or 2 per 5 business days, whichever is greater	37	--	23
			--	37	--
Air void content (%) ^{c, g}	California Test 367		4 ± 2	5 ± 2	
Aggregate moisture content at continuous mixing plants and RAP moisture content at continuous mixing plants and batch mixing plants ^h	California Test 226 or 370	2 per day during production	--	--	--
Percent of crushed particles coarse aggregate (% min) One fractured face Two fractured faces Fine aggregate (% min) (Passing no. 4 sieve and retained on no. 8 sieve.) One fractured face	California Test 205	As designated in the QC plan. At least once per project.	90	90	--
			75	95	90
			70	90	70
Los Angeles Rattler (% max) Loss at 100 rev. Loss at 500 rev.	California Test 211		12	12	12
			45	40	40
Flat and elongated	California	As designated	Report only	10	Report only

particles (% max by weight @ 5:1)	Test 235	in the QC plan. At least once per project.			
Fine aggregate angularity (% min)	California Test 234		45	45	45
Voids filled with asphalt (%) ⁱ 1/2" grading 3/4" grading 1" grading	California Test 367		65.0-75.0 65.0-75.0	60.0-70.0	Report only
Voids in mineral aggregate (% min) ⁱ 1/2" grading 3/4" grading 1" grading	California Test 367		14.0 13.0	13.0	18.0-23.0 ^j 18.0-23.0 ^j
Dust proportion ¹ 1/2" and 3/4" gradings 1" grading	California Test 367		0.6-1.3	0.6-1.3	Report only
Smoothness	Section 39-1.12	--	12-foot straight-edge, must grind, and PI ₀	12-foot straight-edge, must grind, and PI ₀	12-foot straight-edge, must grind, and PI ₀
Asphalt rubber binder viscosity @ 350°F, centipoises	Section 39-1.02D	Section 39-1.04C	--	--	1,500-4,000
Asphalt modifier	Section 39-1.02D	Section 39-1.04C	--	--	Section 39-1.02D
CRM	Section 39-1.02D	Section 39-1.04C	--	--	Section 39-1.02D

^a Determine combined aggregate gradation containing RAP under California Test 367.

^b The tolerances must comply with the allowable tolerances in section 39-1.02E.

^c Report the average of 3 tests from a single split sample.

^d Required for HMA Type A, and RHMA-G if the specified paved thickness is at least 0.15 foot.

^e Determine maximum theoretical density (California Test 309) at the frequency specified for Test Maximum Density under California Test 375, Part 5.D.

^f California Test 304, Part 2.13.

^g Determine the bulk specific gravity of each lab-compacted briquette under California Test 308, Method A, and theoretical maximum specific gravity under California Test 309.

^h For adjusting the plant controller at the HMA plant.

ⁱ Report only if the adjustment for the asphalt binder content TV is less than or equal to ±0.3 percent from OBC value.

^j Voids in mineral aggregate for RHMA-G must be within this range.

Failures and corrected actions for quality control testing shall be as described in Section 39-2.02B, "Quality Control Testing."

When the total paved HMA thickness is at least 0.15 foot and the individual layer is less than or equal to 0.15 foot, the Contractor shall determine the percent of maximum theoretical density from density cores taken from the final layer measured at the full depth of the total paved HMA thickness.

Method

When the total HMA is less than 3,000 tons and the total paved HMA thickness is less than 0.15 foot, the Method construction process shall be followed as specified in Section 39-3, "Method Construction Process" of the Standard Specification and the following:

HMA Acceptance and Payment Factor

The Engineer shall sample for acceptance testing and test for quality characteristics as specified in Section 39-2.03A, "Testing." Acceptance of placed HMA shall be based on a single defined lot of HMA. A lot is defined as having 1,000 tons of paved HMA, except if a quantity of HMA paved at day's end is greater than 500 tons, this quantity of paved HMA shall be considered a lot. If a quantity of HMA paved at day's end is less than 500 tons, this quantity of HMA shall be included in the previous lot's test result for payment evaluation.

For percent of maximum theoretical density, the Engineer shall determine a deduction for each lot's test result outside the specifications using the following reduced payment factors:

Reduced Payment Factors for Percent of Maximum Theoretical Density

HMA Type A and RHMA-G percent of maximum theoretical density	Reduced payment factor	HMA Type A and RHMA-G percent of maximum theoretical density	Reduced payment factor
91.0	0.0000	97.0	0.0000
90.9	0.0125	97.1	0.0125
90.8	0.0250	97.2	0.0250
90.7	0.0375	97.3	0.0375
90.6	0.0500	97.4	0.0500
90.5	0.0625	97.5	0.0625
90.4	0.0750	97.6	0.0750
90.3	0.0875	97.7	0.0875
90.2	0.1000	97.8	0.1000
90.1	0.1125	97.9	0.1125
90.0	0.1250	98.0	0.1250
89.9	0.1375	98.1	0.1375
89.8	0.1500	98.2	0.1500
89.7	0.1625	98.3	0.1625
89.6	0.1750	98.4	0.1750
89.5	0.1875	98.5	0.1875
89.4	0.2000	98.6	0.2000
89.3	0.2125	98.7	0.2125
89.2	0.2250	98.8	0.2250
89.1	0.2375	98.9	0.2375
89.0	0.2500	99.0	0.2500
< 89.0	Remove and replace	> 99.0	Remove and replace

Density Cores

The Engineer shall test density cores to determine the percent of maximum theoretical density of the paved HMA. For Standard construction process projects, 4- or 6-inch diameter density cores shall be taken by the Contractor from each 500 tons of HMA production.

The Engineer shall determine the percent of maximum theoretical density from the average density of 3 density cores taken by the Contractor from every 500 tons of production or part thereof divided by the maximum theoretical density. The location of the density cores shall be randomly selected by the Engineer and shall be performed in the Engineer's presence. Density holes shall be backfilled and compacted with material approved by the Engineer. Density cores shall be marked with the density core's location and layer number and shall be placed in a protective container. If a density core is damaged, it shall be replaced and re-cored within 1 foot longitudinally from the original density core.

Straightedge

The straightedge for smoothness determination on the top layer of HMA pavement shall conform to the tolerance specified in Section 39-1.12B, "Straightedge" of the Standard Specifications.

Profilograph

In addition to the straightedge provisions in Section 39-1.12B, "Straightedge" of the Standard Specifications, HMA concrete pavement shall conform to the surface tolerances specified in this Section, "Profilograph."

When directed by the Engineer, the uppermost layer of asphalt concrete surfacing shall be profiled in the presence of the Engineer using a California Profilograph or equivalent in conformance with California Test 526, Section 39-1.12C, "Profilograph" of the Standard Specifications, and as specified in these Special Provisions.

The California Profilograph or equivalent will not be required for the following areas of the pavement surface but shall conform to the straightedge requirements in Section 39-1.12B, "Straightedge" of the Standard Specifications:

1. Pavement with a total thickness less than 0.24 foot;
2. Pavement on horizontal curves with a centerline curve radius of less than 1,000 feet and the pavement within the superelevation transition on those curves;
3. Pavement placed in a single lift when required by the Special Provisions;
4. Pavement with extensive grade or cross slope correction which does not receive advance leveling operations in conformance with the provisions in Section 39-6.02, "Spreading" of the Standard Specifications;

5. Pavement for ramps and connectors with steep grades and high rates of superelevation, as determined by the Engineer;
6. Shoulders and miscellaneous areas.

The Contractor shall conform to California Test 526, except a zero (null) blanking band shall be used for determining the Profile Index. Prior to beginning profiles, the profilograph shall be calibrated in the presence of the Engineer. Two profiles shall be obtained within each traffic lane, 3 feet from and parallel with the edges of the lane.

Pavements profiled shall conform to the following Profile Index requirements:

1. Pavement on tangent alignment and pavement on horizontal curves having a centerline curve radius of 2,000 feet or more shall have a Profile Index of 0.16 foot or less for each 330 feet section profiled;
2. Pavement on horizontal curves having a centerline curve radius of 1,000 feet or more but less than 2,000 feet, including the pavement within the superelevation transition of these curves, shall have a Profile Index of 0.32 foot or less for each 330 feet section profile;
3. Pavement within any 330 feet section, containing high point areas with deviations in excess of 0.025 foot in a length of 25 feet or less, when tested in conformance with the requirements in California Test 526, shall be corrected by the Contractor regardless of the Profile Index.

The Contractor shall complete initial runs of the profilograph prior to opening the pavement to public traffic. If initial profiles cannot be made prior to opening the pavement to public traffic, the initial runs of the profilograph shall be made the next day that traffic control is permitted for the area to be profiled.

Areas of the top surface of the uppermost layer of asphalt concrete pavement that do not meet the specified surface tolerances shall be brought within tolerance by abrasive grinding.

Abrasive grinding shall be performed to reduce individual deviations in excess of 0.025 foot, and to reduce the Profile Index of the pavement to be within the specified tolerance. Areas which have been subjected to abrasive grinding shall receive a seal coat. Deviations in excess of 0.025 foot which cannot be brought into specified tolerance by abrasive grinding shall be corrected by either (1) removal and replacement or (2) placing an overlay of asphalt concrete. The corrective method for each area shall be selected by the Contractor and shall be approved by the Engineer prior to beginning the corrective work. Replacement or overlay pavement not meeting the specified tolerances shall be corrected by the methods specified above. Corrective work shall be at the Contractor's expense. The Contractor shall run profilograms on the areas that have received abrasive grinding or corrective work until the final profilograms indicate the Profile Index of the area is within the specified tolerance.

When abrasive grinding is used to bring the top surface of the uppermost layer of asphalt concrete surfacing within the specified surface tolerances, additional abrasive grinding shall be performed as necessary to extend the area ground in each lateral direction so that the lateral limits of grinding are at a constant offset from, and parallel with, the nearest lane line or pavement edge, and in each longitudinal direction so that the grinding begins and ends at lines normal to the pavement centerline, within a ground area. Ground areas shall be neat rectangular areas of uniform surface appearance.

The original of the final profilograms that indicate the pavement surface is within the Profile Index specified shall become the property of the County and shall be delivered to the Engineer prior to acceptance of the contract.

Method of Payment

The contract bid price paid per ton for Hot Mix Asphalt (HMA) for the type shown in bid proposal shall include full compensation for furnishing all labor, tools, materials, equipment, and incidentals, and for doing all the work involved including the sampling and testing of HMA quality characteristics, sampling and testing of density cores, and furnishing and applying asphaltic emulsion (paint binder/tack coat).

Full compensation for furnishing and applying asphaltic emulsion (paint binder/tack coat) shall be considered as included in the contract price paid for Hot Mix Asphalt.

The contract bid price paid per ton for Rubberized Hot Mix Asphalt Type G (RHMA-G) shall include full compensation for furnishing all labor, tools, materials, equipment, and incidentals, and for doing all the work involved in placing RHMA-G complete in-place including header cutting as directed by the Engineer, furnishing and spreading sand cover, sampling and testing of RHMA-G quality characteristics, sampling and testing of density cores, and furnishing and applying asphaltic emulsion (paint binder/tack coat).

Full compensation for furnishing and applying asphaltic emulsion (paint binder/tack coat) shall be considered as included in the contract price paid for RHMA-G.

At road connections and at limits of asphalt paving, existing pavement shall be header cut as shown on the plans or as directed by the Engineer. Full compensation for furnishing all labor, tools and doing all the work necessary including grinding, and sawcutting shall be considered as included in the contract prices paid per ton for the various asphalt concrete items and no additional compensation will be allowed therefor.

The quantity of Hot Mix Asphalt for driveway, driveway tie-ins, asphalt concrete (miscellaneous area), AC Dike and Overside Drain will be paid for at a unit price per ton as a combined item, including mineral aggregate and asphalt binder in place on the roadbed.

The placing of Hot Mix Asphalt (miscellaneous area), AC Dike and overside Drain shall be paid for at the separate contract unit shown in the bid proposal in addition to the price paid for the materials other than Hot Mix Asphalt involved.

The adjustment of frames, valve covers, grates, manholes, including initial lowering of valves and manholes when required, shall be considered as included in the contract price paid for hot mix asphalt.

Compensation Adjustments for Price Index Fluctuations:

The provisions of this section shall apply only to the following contract items:

ITEM CODE	ITEM
390132	Hot Mix Asphalt Type A
013901	Rubberized Hot Mix Asphalt Type G

The compensation payable for hot mix asphalt and rubberized hot mix asphalt will be increased or decreased in conformance with the provisions of this section for paving asphalt price fluctuations exceeding 10 percent (l_u/l_b is greater than 1.10 or less than 0.90) which occur during performance of the work.

The adjustment in compensation will be determined in conformance with the following formulae when the item of asphalt concrete and asphalt rubber hot mix are included in a monthly estimate:

- A. Total monthly adjustment = AQ
- B. For an increase in paving asphalt price index exceeding 10 percent:

$$A = 0.90 (l_u/l_b - 1.10) l_b$$

- C. For a decrease in paving asphalt price index exceeding 10 percent:

$$A = 0.90 (l_u/l_b - 0.90) l_b$$

- D. Where:

A = Adjustment in dollars per ton of paving asphalt used to produce hot mix asphalt and rubberized hot mix asphalt rounded to the nearest \$0.01.

l_u = The California Statewide Paving Asphalt Price Index which is in effect on the first business day of the month within the pay period in which the quantity subject to adjustment was included in the estimate.

l_b = The California Statewide Paving Asphalt Price Index for the month in which the bid opening for the project occurred.

Q = Quantity in tons of paving asphalt that was used in producing the quantity of asphalt concrete shown under "This Estimate" on the monthly estimate using the amount of asphalt determined by the Engineer.

The adjustment in compensation will also be subject to the following:

- A. The compensation adjustments provided herein will be shown separately on payment estimates. The Contractor shall be liable to the County for decreased compensation adjustments and the Department may deduct the amount thereof from moneys due or that may become due the Contractor.
- B. Compensation adjustments made under this section will be taken into account in making adjustments in conformance with the provisions in Section 9-1.06, "Changed Quantity Payment Adjustment" of the Standard Specifications.
- C. In the event of an overrun of contract time, adjustment in compensation for paving asphalt included in estimates during the overrun period will be determined using the California Statewide Paving Asphalt Price Index in effect on the first business day of the month within the pay period in which the overrun began.

The California Statewide Paving Asphalt Price Index is determined each month on the first business day of the month by the Department using the average of posted prices in effect as posted by Chevron, ExxonMobil, and ConocoPhillips for the Buena Vista, Huntington Beach, and Midway Sunset fields.

In the event that the companies discontinue posting their prices for a field, the Department will determine an index from the remaining posted prices. The Department reserves the right to include in the index determination the posted prices of additional fields.

The California Statewide Paving Asphalt Price Index is available on the Division of Engineering Services website at:

http://www.dot.ca.gov/hq/esc/oe/asphalt_index/astable.html.

Item 17: 40 Concrete Pavement

Refer to Section 40 on page 50 of the Special Provisions.

Delete the provision of Section 40-1.01 as shown on page 50, and replace with the following Special Provisions and made part hereof:

40-1.01C(9)a Mix Design for Colored Concrete

Colored concrete shall be integrally colored with Scofield Integral Color SG conforming to ASTM C979 or approved equal. Color shall be Scofield "Schooner Beige" or approved equal. Engineer may vary and or change the integral color pigment (within the same grade of product) at no extra cost.

Maximum concrete slump shall be 4". No calcium chloride is permitted. Aggregates shall be non-reactive.

Use of supplemental admixtures (water-reducing admixtures, waterproofing agents, superplasticizers, slag or fly ash) may be used only with approval of the manufacturer of the color pigment.

For consistency of color, the mix design (including brand of cement and admixtures, weight of cement, weight of admixtures, weight of sand and aggregate, weight of water, source of sand and aggregate, weight of color pigment, water/cement ratio, and mixing time) must be followed strictly.

40-1.01C(14) Submittals for Stamped Colored Concrete

Submit the following to Engineer for review and approval:

1. Imprinting and texturing tools
2. Color pigment manufacturer's data sheet
3. Liquid release agent
4. Curing sealer
5. Penetrating sealer
6. Qualifications of installer of colored stamped concrete (installer shall have minimum of five years experience with work of similar scope and complexity required by this Project and acceptable to, or certified by, stamped concrete paving manufacturer.
7. Construction plan for application of texturing and imprinting for the anticipated rate of production for each day. Assure adequate number of imprinting/texture tools and crew to apply texturing within the timeframe for available for each batch of concrete poured.
8. Plans for work during various weather and climatic conditions

40-1.01C(15) Stamped Colored Concrete Paving Mockup

1. Construct a 10-foot by 10-foot mockup at location selected by Engineer.
2. Mockup shall incorporate the color, surface texturing, 18" accent band, and joint.
3. Construct mockup using materials, processes, and techniques required for the work, including curing procedures. Installer for the work to construct the mockup.
4. Notify Engineer a minimum of seven calendar days in advance of the schedule for mockup construction.
5. Obtain Engineer's approval of mockup prior to commencement of work.
6. Mockup shall remain until completion of the work to serve as a quality control standard for the work. Provide protections to preclude damage to mockup.
7. Demolish and remove mockup from site when directed.

40-1.01D(3)a Homeowner Access During Concrete Pavement Construction

Provide detailed plan for parking and access to properties adjacent to the stamped colored concrete during concrete pavement construction and curing. Provide schedule for closure and reopening of vehicular access to the affected properties. Provide for pedestrian access at all times. Coordinate with homeowners for any special needs access requirements.

40-1.02B(2)d Mix Design Consistency

Control concrete mix to assure batch-to-batch uniformity. Follow the mix design precisely including brand of cement and admixtures, weight of cement, weight of admixtures, weight of sand and aggregate, weight of water, source of sand and aggregate, weight of color pigment, water/cement ratio, and mixing time.

Ready mix trucks should be in good condition and the mixing drum clean.

40-1.03A(1) Texture and Colored Concrete Surface

Conform to Section 73-4, except delete Section 73-4.01B and delete Section 73-4.01C.

Imprinting and texturing pattern shall be Scofield "Pennsylvania Slate" or approved equal. Engineer may vary and or change pattern at no additional cost.

40-1.03L(1) General

Add the following:

Water must not be sprinkled or otherwise added to the surface of slab while finishing. Long-handled fresnos must not be used. All hand finishing should be done in the same direction.

40-1.03N(1) Curing of Stamped Colored Concrete Surfaces

Use curing materials approved for use by concrete color pigment manufacturer. Do not use water, burlap, or plastic for curing colored concrete.

Item 18: 80 Fences

Refer to Section 80 on page 52 of the Special Provisions.

Delete Section 80-1.08, Section 80-10.02, and Section 80-10.03 shown on page 52.

Item 19: 80-3.03 Construction

The following Special Provisions are added to Section 80-3.03 of the Standard Specifications and made part hereof:

The chain link fence posts at 79140 Fred Waring Drive shall omit the concrete footing. Fence posts shall be direct buried.

Chain fence at 79140 Fred Waring Drive shall include plastic slats.

Item 20: 83-1.02H Glare Screen

The following Special Provisions are added and made part hereof:

83-1.02H Glare Screen

Glare Screen shall comply with section 83-1.02I "Chain Link Railing". Vinyl coated chain link fabric shall be beige color. Submit fence fabric sample to Engineer for approval.

Metal posts shall be painted to a beige color. Submit paint sample to Engineer for approval.

Item 21: 83-1.03 Payment

The following Special Provisions are added to Section 80-3.03 of the Standard Specifications and made part hereof:

Payment for the Bid Item "Glare Screen" shall include chain link fabric, posts, cables, fittings, hardware, and painting.

Item 22: 90-2.02F Colored Concrete for Continuous Reinforced Concrete Strip

The following Special Provisions are added to Section 90-2.02 of the Standard Specifications and made part hereof:

90-2.02F Colored Concrete for Continuous Reinforced Concrete Strip

The continuous reinforced concrete strip shall be colored with same color as the adjacent stamped colored concrete.

Item 23: 90-2.03 Construction

The following Special Provisions are added to Section 90-2.03 of the Standard Specifications and made part hereof:

The steps at 79440 Fred Waring Drive shall include Mexican style tiles at the front edge of the steps. Coordinate with homeowner on the selection of the tiles.

Payment for the Bid Item, "Construct Concrete Steps", shall include Mexican style tiles.

MODIFICATIONS / CLARIFICATIONS TO PLANS:

Item 24: Construction Notes

a. Refer to Construction notes on the plans, delete and replace following Construction Notes as noted below:

- Note No. 56: "Construct Concrete Strip Per Detail on Sheet C-20"

- b. Refer to Construction notes on the plans, delete following Construction Notes as noted below:
- Note No. 39: "Install Wall Mounted Mailbox Per Detail on Sheet C-20"
- c. Refer to Construction notes on the plans. The following Construction Notes are added to the plans as noted below:
- Note No. 87: Install Chain Link Gate Per Caltrans Std Plan A85
 - Note No 88: Salvage and Reinstall Lights on Walls And Pilasters
 - Note No 89: Salvage and Reinstall Statues on Pilasters
 - Note No 90: Salvage and Reinstall Flagpole and Uplights
 - Note No 91: Planter Wall Retrofit and Height Extension
 - Note No 92 : Block Wall Height Extension With Tubular Steel Fence
 - Note No 93: Construct Slough Wall

Item 25: Plan Sheets (Replacement)

Refer to following plan sheets. These plan sheets are deleted and replaced with revised sheets as noted below:

1. Sheet X-1, Sheet 2 of 123
2. Sheet X-2, Sheet 3 of 123
3. Sheet L-1, Sheet 8 of 123
4. Sheet L-2, Sheet 9 of 123
5. Sheet C-1, Sheet 15 of 123
6. Sheet C-2, Sheet 16 of 123
7. Sheet C-4, Sheet 18 of 123
8. Sheet C-5, Sheet 19 of 123
9. Sheet C-6, Sheet 20 of 123
10. Sheet C-7, Sheet 21 of 123
11. Sheet C-9, Sheet 23 of 123
12. Sheet C-10, Sheet 24 of 123
13. Sheet C-11, Sheet 25 of 123
14. Sheet C-12, Sheet 26 of 123
15. Sheet C-13, Sheet 27 of 123
16. Sheet C-14, Sheet 28 of 123
17. Sheet C-19, Sheet 33 of 123
18. Sheet C-20, Sheet 34 of 123

19. Sheet C-22, Sheet 36 of 123
20. Sheet C-24, Sheet 38 of 123
21. Sheet SW-5, Sheet 88 of 123
22. Sheet SW-6, Sheet 89 of 123
23. Sheet SW-7, Sheet 90 of 123
24. Sheet SW-8, Sheet 91 of 123
25. Sheet LS-1, Sheet 93 of 123

See Attachment "C"

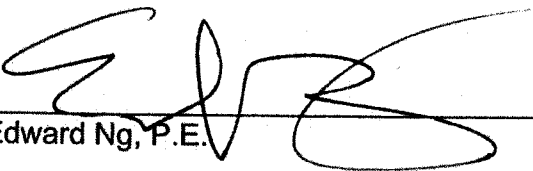
Item 26: Plan Sheet "94 through 123" of 123

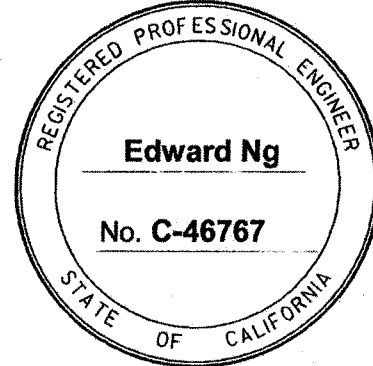
Plan Sheets 94 through 123 were distributed prior to obtaining signatures from Coachella Valley Water District (CVWD) and City of La Quinta. No revision is made to these plan sheet except signatures. Signed sheets (94 through 123) are available on County's website address below for your view and free download. Prints of these sheets will also be available to registered plan holders upon request.

Note: All revised and newly issued plan sheets are posted on following website and available for download during the advertisement period.

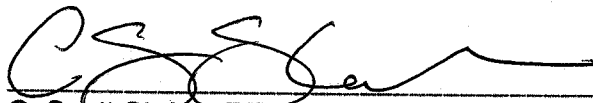
http://www.rctlma.org/trans/con_bid_advertisements.html

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



Edward Ng, P.E.



Recommended by:


C. Scott Staley, PE
County Project Manager

Concurrence:

 8/22/13
Khalid Nasim, PE
Engineering Division Manager

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

JRJ:jrj:sb

Note: Refer to Instruction to bidder item 8 "Addenda", all pages and attachments of addendum are not required to submit with bid proposal. Only this acknowledgement page is required.

**Fred Waring Drive
Roadway Improvements
from Adams Street to Port Maria Road
in the City of La Quinta and Bermuda Dunes area
Project No. B5-0689
State Aid No. – SLPPCL13-5956(220)**

PROPOSAL (REVISED)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
1	760090	MOBILIZATION, DEMOBILIZATION, AND FINAL CLEANUP	LS	1		
2	066102	DUST ABATEMENT	LS	1		
3	074020	WATER POLLUTION CONTROL	LS	1		
4	160101	CLEARING AND GRUBBING	LS	1		
5	170101	DEVELOP WATER SUPPLY	LS	1		
6	000003	REMOVE MAILBOX	EA	21		
7	000003	REMOVE BLOCK WALL	SQFT	16,885		
8	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	5,074		
9	150712	REMOVE PAINTED PAVEMENT MARKING	SQFT	902		
10	150742	REMOVE ROADSIDE SIGN	EA	12		
11	150770	REMOVE ASPHALT CONCRETE PAVEMENT	SQFT	164,563		
12	150770	REMOVE ASPHALT CONCRETE PAVEMENT (DRIVEWAY)	SQFT	5,232		
13	150812	REMOVE PIPE (12" RCP)	LF	9		
14	150820	REMOVE INLET	EA	1		
15	153210	REMOVE CONCRETE (PAVEMENT AND CROSS GUTTER)	SQFT	18,876		
16	000003	REMOVE AND SALVAGE PLANTER BLOCK WALL ON PROPERTY	SQFT	684		
17	000003	SALVAGE ROCK HARDSCAPE	SQFT	1,000		
18	000003	REMOVE AND SALVAGE PICKET FENCE	SQFT	498		
19	160120	REMOVE TREE	EA	40		
20	153241	REMOVE CONCRETE (CURB, GUTTER AND SIDEWALK)	SQFT	16,084		
21	120100	TRAFFIC CONTROL SYSTEM	LS	1		
22	000003	TEMPORARY PAVEMENT (DETOUR)	LS	1		
23	510502	MINOR CONCRETE (MINOR STRUCTURE) (4' X 0.5' RCB)	CY	11		
24	510502	MINOR CONCRETE (MINOR STRUCTURE) (4.5' X 0.5' RCB)	CY	5		
25	510502	MINOR CONCRETE (MINOR STRUCTURE) (4' X 0.67' RCB)	CY	5		
26	510502	MINOR CONCRETE (MINOR STRUCTURE) (7' X 0.5' RCB)	CY	11		
27	510502	MINOR CONCRETE (MINOR STRUCTURE) (7' X 1' RCB)	CY	302		
28	000001	ITEM DELETED BY ADDENDUM	---	---	-----	-----

PROPOSAL (REVISED)

Attachment "A" to Addendum 1

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
29	650010	12" REINFORCED CONCRETE PIPE	LF	5		
30	208603	8" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	10		
31	017317	MINOR CONCRETE (CROSS-GUTTER AND SPANDREL) (CRS 209)	SQFT	5,549		
32	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION) (CURB DRAIN SYSTEM PER DETAIL IN SHEET C-15)	CY	2		
33	731507	MINOR CONCRETE (GUTTER DEPRESSION) (LA QUINTA STD PLAN NO. 330 - CASE C)	CY	3		
34	709904	CATCH BASIN [(CURB INLET) (LA QUINTA STD PLAN NO. 300 - NO. 1)]	EA	1		
35	000003	MANHOLE (RCFC&WCDS MH 256)	EA	3		
36	000003	JUNCTION STRUCTURE (LA QUINTA STD PLAN NO. 352)	EA	1		
37	000003	TRASH RACK (SPPWC STD PLAN NO. 361-2)	EA	1		
38	731504	MINOR CONCRETE (CURB AND GUTTER) (8")	LF	2,074		
39	730010	MINOR CONCRETE (CURB) (LA QUINTA STD PLAN NO. 210)	LF	4,915		
40	017307	MINOR CONCRETE (TYPE "C" CURB) (CRS 202)	LF	2,301		
41	017309	MINOR CONCRETE (TYPE "D" CURB) (CRS 204)	LF	371		
42	730010	MINOR CONCRETE (CURB) (TRANSITION)	LF	81		
43	731504	MINOR CONCRETE (CURB AND GUTTER) (TRANSITION)	LF	130		
44	017310	MINOR CONCRETE (DRIVEWAY APPROACH) (CRS 207)	SQFT	630		
45	731519	MINOR CONCRETE (STAMPED COLORED CONCRETE PAVEMENT)	SQFT	36,773		
46	731521	MINOR CONCRETE (SIDEWALK)	SQFT	9,410		
47	510501	MINOR CONCRETE [CONCRETE STRIP]	SQFT	2,395		
48	731623	MINOR CONCRETE (CURB RAMP) (LA QUINTA STD PLAN NO. 250 - CASE B)	SQFT	845		
49	731623	MINOR CONCRETE (CURB RAMP) (CALTRANS STD PLAN A88A - CASE C)	SQFT	135		
50	731623	MINOR CONCRETE (CURB RAMP) (CALTRANS STD PLAN A88A - CASE F)	SQFT	144		
51	731623	MINOR CONCRETE (CURB RAMP) (CALTRANS STD PLAN A88B - CASE CM)	SQFT	200		
52	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	SQFT	673		
53	000003	GUTTER WITH CURBS	LF	55		
54	510501	MINOR CONCRETE [SPLIT GRADE MEDIAN NOSE]	LF	195		
55	839510	HEADLIGHT GLARE SCREEN	LF	195		
56	510501	MINOR CONCRETE [PCC RETAINING CURB]	LF	60		
57	510501	MINOR CONCRETE [UTILITY ISLAND]	SQFT	278		
58	510501	MINOR CONCRETE [WATER METER PAD]	SQFT	128		
59	518002	SOUND WALL (MASONRY BLOCK) (RANCHO OCOTILLO)	LS	1		
60	518002	SOUND WALL (MASONRY BLOCK) (LA QUINTA PALMS)	LS	1		
61	013901	RUBBERIZED HOT MIX ASPHALT	TON	3,617		
62	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQFT	132,701		

PROPOSAL (REVISED)

Attachment "A" to Addendum 1

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
63	190101	ROADWAY EXCAVATION	CY	3,390		
64	198010	IMPORTED BORROW	CY	4,370		
65	260201	CLASS 2 AGGREGATE BASE	CY	2,599		
66	390132	HOT MIX ASPHALT (TYPE A)	TON	3,636		
67	731516	MINOR CONCRETE (DRIVEWAY) [PAVING WITH CONCRETE PAVERS]	SQFT	3,762		
68	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	23,099		
69	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	1,658		
70	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	391		
71	015602	FUNDING AWARENESS SIGN	EA	2		
72	066148	RELOCATE SIGNS	EA	10		
73	566011	ROADSIDE SIGN - ONE POST	EA	22		
74	820107	DELINEATOR (CLASS 1)	EA	50		
75	820130	OBJECT MARKER	EA	15		
76	000003	CONSTRUCT MONUMENT SIGN	EA	1		
77	511035	ARCHITECTURAL TREATMENT [WALL PLAQUE]	EA	2		
78	000003	POST MOUNTED MAILBOX	EA	21		
79	000001	ITEM DELETED BY ADDENDUM	----	----	-----	-----
80	861501	MODIFY SIGNAL AND LIGHTING (ADAMS STREET)	LS	1		
81	861501	MODIFY SIGNAL AND LIGHTING (DUNE PALMS ROAD)	LS	1		
82	000001	ITEM DELETED BY ADDENDUM	----	----	-----	-----
83	518201	MASONRY BLOCK WALL	SQFT	8,051		
84	513553	RETAINING WALL (MASONRY WALL)	SQFT	980		
85	731516	MINOR CONCRETE (DRIVEWAY)	SQFT	8,514		
86	510501	MINOR CONCRETE [WALKWAY AND PAVEMENT INFILL]	SQFT	160		
87	731519	MINOR CONCRETE (STAMPED CONCRETE) [FOR DRIVEWAY]	SQFT	720		
88	000003	RECONSTRUCT PILASTER TO MATCH EXISTING	EA	20		
89	000003	ADJUST MANUAL DRIVEWAY SLIDING GATE	EA	3		
90	000003	ADJUST MOTORIZED DRIVEWAY SLIDING GATE	EA	12		
91	000003	MANUAL DRIVEWAY SLIDING GATE	EA	1		
92	000001	ITEM DELETED BY ADDENDUM	----	----	-----	-----
93	000001	ITEM DELETED BY ADDENDUM	----	----	-----	-----

PROPOSAL (REVISED)

Attachment "A" to Addendum 1

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
94	000003	RECONSTRUCT GATE TRENCH	EA	5		
95	000001	ITEM DELETED BY ADDENDUM	---	----	-----	-----
96	000003	ADJUST PEDESTRIAN GATES	EA	6		
97	000003	REMOVE AND RECONSTRUCT CONCRETE STEPS	SQFT	350		
98	000003	CONSTRUCT CONCRETE STEPS	SQFT	20		
99	000003	CONSTRUCT DUMPSTER ENCLOSURE	EA	1		
100	000003	REMOVE AND RECONSTRUCT WROUGHT IRON FENCE ON BLOCK WALL	LS	1		
101	000003	CONSTRUCT BLOCK RETAINING WALL PER SPPWC STD PLAN NO.618-3 WITH BRICK CAP	LF	50		
102	151554	RECONSTRUCT CHAIN LINK GATE (TYPE CL-6), (SLATTED WITH BARBED WIRE, L=8')	EA	2		
103	151540	RECONSTRUCT CHAIN LINK FENCE (TYPE CL-6), (SLATTED WITH BARBED WIRE)	LF	90		
104	000003	LANDSCAPE REPLACEMENT (BERMUDA DUNES HOMES)	LS	1		
105	000003	LANDSCAPE REPLACEMENT (RANCHO OCOTILLO HOMES)	LS	1		
106	000003	FINE GRADING	SQFT	9,830		
107	000003	IRRIGATION & ELECTRICAL STREET CROSSINGS	LS	1		
108	000003	2" DEPTH DECOMPOSED GRANITE TYPE #1	SQFT	4,170		
109	000003	2" DEPTH DECOMPOSED GRANITE TYPE #2	SQFT	5,660		
110	000003	2' DIAMETER CALIF. GOLD BOULDERS	EA	24		
111	000003	3' DIAMETER CALIF. GOLD BOULDERS	EA	21		
112	000003	4' DIAMETER CALIF. GOLD BOULDERS	EA	2		
113	000003	PERMA-LOC ASPHALT EDGE	LF	754		
114	000003	4"-8" ARIZONA COBBLE DECORATIVE ROCK	SQFT	2,708		
115	000003	INSTALL COMPLETE AUTOMATIC IRRIGATION SYSTEM PER PLANS. (HOT TAP, SERVICE LINE, METER BY CVWD)	LS	1		
116	000003	INSTALL ELECTRICAL/LANDSCAPE LIGHTING SYSTEM PER PLANS	LS	1		
117	000003	ACACIA STENOPHYLLA (24" BOX)	EA	4		
118	000003	CERCIDIUM X 'DESERT MUSEUM' (24" BOX MULTI-TRUNK)	EA	6		
119	000003	CHILOPSIS LINEARIS (24" BOX)	EA	9		
120	000003	LAGERSTROEMIA INDICA 'WATERMELON RED' (24" BOX)	EA	2		
121	000003	PYRUS KAWAKAMII (24" BOX)	EA	4		
122	000003	BRAHEA ARMATA (3'-5')	EA	15		
123	000003	CHAMAEROPS HUMILIS (24" BOX)	EA	21		
124	000003	WASHINGTONIA ROBUSTA (10'-14' BTH)	EA	9		
125	000003	CAESALPINIA PULCHERRIMA (5 GAL)	EA	9		
126	000003	CASSIA NEMOPHILA (5 GAL)	EA	9		

PROPOSAL (REVISED)

Attachment "A" to Addendum 1

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
127	000003	DASYLLIRION WHEELERI (5 GAL)	EA	22		
128	000003	ECHINOCACTUS GRUSONII (8" - 12")	EA	30		
129	000003	FOUGUIERIA SPLENDENS (7 CANE MIN.)	EA	13		
130	000003	HESPERALOE PARVIFLORA (5 GAL)	EA	6		
131	000003	LEUCOPHYLLUM CANDIDUM 'THUNDER CLOUD' (5 GAL)	EA	10		
132	000003	RUELLIA BRITTONIANA (5 GAL)	EA	8		
133	000003	SALVIA GREGGII (5 GAL)	EA	20		
134	000003	BOUGAINVILLEA '00-LA-LA' (5 GAL)	EA	19		
135	000003	LANTANA CAMARA (1 GAL)	EA	27		
136	000003	LANTANA MONTEVIDENSIS (5 GAL)	EA	17		
137	000003	STAMPED CONCRETE PAVING FOR MEDIAN	SQFT	4,032		
138	000003	BOUGAINVILLEA '00-LA-LA' REPLACEMENT PLANTS (5 GAL)	EA	22		
139	000003	CASSIA NEMOPHILA REPLACEMENT PLANTS (5 GAL)	EA	58		
140	000003	LANTANA MONTEVIDENSIS REPLACEMENT PLANTS (5 GAL)	EA	20		
141	000003	REPLACE EXISTING LANDSCAPING AND IRRIGATION REMOVED/DAMAGED DUE TO BLOCK WALL CONSTRUCTION	LS	1		
142	000003	ONE YEAR MAINTENANCE/ PLANT ESTABLISHMENT	LS	1		
143	152402	ADJUST WATER VALVE COVER TO GRADE [CVWD]	EA	4		
144	000003	IMPERIAL IRRIGATION DISTRICT (IID) IMPROVEMENTS	LS	1		
145	510502	MINOR CONCRETE (TRANSITION STRUCTURE)	CY	54		
146	510501	MINOR CONCRETE (CONTINUOUS REINFORCED CONCRETE STRIP)	SQFT	5,101		
147	000003	PLANTER WALL RETROFIT AND HEIGHT EXTENSION	LS	1		
148	000003	CONSTRUCT SLOUGH WALL	LF	190		
149	000003	BLOCK WALL HEIGHT EXTENSION WITH TUBULAR STEEL FENCE	LS	1		
150	000003	WALL MOUNTED CALL BOX	EA	2		
151	000003	SALVAGE AND REINSTALL LIGHTS ON WALLS AND PILASTERS	EA	5		
152	000003	SALVAGE AND REINSTALL STATUES ON PILASTERS	EA	4		
153	000003	SALVAGE AND REINSTALL FLAG POLE AND UPLIGHTS	LS	1		
154	994647	ARCHITECTURAL WORK (DECORATIVE ARCHES)	EA	3		
155	800360	CHAIN LINK FENCE (TYPE CL-6), SLATTED	LF	38		

PROJECT TOTAL: _____ \$ _____
 ITEMS 1-155 "WORDS"

DIVISION I GENERAL PROVISIONS
1 GENERAL

Add to section 1-1.01:

Bid Items and Applicable Sections

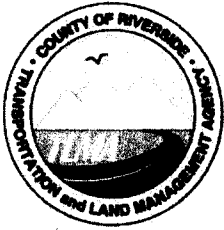
Item code	Item description	Applicable section
000003	ADJUST MANUAL DRIVEWAY SLIDING GATE	15
000003	ADJUST MOTORIZED DRIVEWAY SLIDING GATE	15
000003	ADJUST PEDESTRIAN GATES	15
000003	REMOVE BLOCK WALL	15
000003	REMOVE AND SALVAGE PLANTER BLOCK WALL ON PROPERTY	15
000003	SALVAGE ROCK HARDSCAPE	15
000003	REMOVE AND SALVAGE PICKET FENCE	15
000003	REMOVE TREE	16
000003	<u>CONSTRUCT MONUMENT SIGN</u>	15
000003	WALL PLAQUE	15
000003	POST MOUNTED MAILBOX	15
000003	DRIVEWAY PAVING WITH CONCRETE PAVERS	73
000003	RECONSTRUCT PILASTER TO MATCH EXISTING	15
000003	<u>RECONSTRUCT GATE TRENCH</u>	15
000003	REMOVE AND RECONSTRUCT CONCRETE STEPS	51
000003	CONSTRUCT CONCRETE STEPS	51
000003	CONSTRUCT DUMPSTER ENCLOSURE	15
000003	JUNCTION STRUCTURE (LA QUINTA STD PLAN NO. 352)	51
000003	MH FRAME AND COVER PRESSURE TYPE (RCFC&WCD MH 256)	51
510501	MINOR CONCRETE (PCC RETAINING CURB)	51
000003	MINOR CONCRETE (SPLIT GRADE MEDIAN NOSE)	51
019901	DE-MOBILIZATION	9
000003	SOUNDWALL - LA QUINTA PALMS	58
000003	SOUNDWALL - RANCHO OCOTILLO	58
000003	TEMPORARY PAVEMENT (DETOUR)	39
861501	MODIFY SIGNAL AND LIGHTING (ADAMS STREET)	86
861501	MODIFY SIGNAL AND LIGHTING (DUNE PALMS ROAD)	86

Bid Items and Applicable Sections

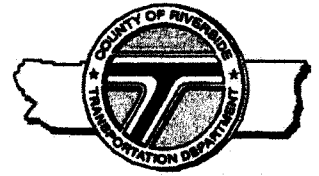
Item code	Item description	Applicable section
000003	TRASH RACK (SPPWC STD 361-2)	70
017317	MINOR CONCRETE (CROSS GUTTER AND SPANDREL)	73
066102	DUST ABATEMENT	14
000003	REMOVE MAILBOX	15
17003E	CATCH BASIN (W=4', LA QUINTA STD PLAN NO. 300)	51
017102	MANHOLE (RCFC&WCD MH 256)	51
510502	MINOR CONCRETE (MINOR STRUCTURE, 4' X 0.5' RCB)	51
510502	MINOR CONCRETE (MINOR STRUCTURE, 4' X 0.67' RCB)	51
510502	MINOR CONCRETE (MINOR STRUCTURE, 4.5' X 0.5' RCB)	51
510502	MINOR CONCRETE (MINOR STRUCTURE, 7' X 0.5' RCB)	51
510502	MINOR CONCRETE (MINOR STRUCTURE, 7' X 1' RCB)	51
510502	MINOR CONCRETE (TRANSITION STRUCTURE)	51
510502	MINOR CONCRETE (CURB DRAIN SYSTEM PER DETAIL IN SHEET C-15)	51
017307	MINOR CONCRETE (TYPE "C" CURB RCTD)	73
017309	MINOR CONCRETE (TYPE "D" CURB RCTD)	73
000003	MINOR CONCRETE (CONCRETE STRIP)	73
731502	MINOR CONCRETE (PCC RIBBON DRAIN)	73
000003	MINOR CONCRETE (GUTTER WITH CURB)	73
731507	MINOR CONCRETE (GUTTER DEPRESSION)	73
731623	MINOR CONCRETE (CURB RAMP CASE B CITY OF LQ)	73
017316	MINOR CONCRETE (CURB RAMP CASE B RCTD)	73
<u>000003</u>	<u>SALVAGE AND REINSTALL LIGHTS ON WALLS AND PILASTERS</u>	<u>15</u>
<u>000003</u>	<u>SALVAGE AND REINSTALL FLAG POLE AND UPLIGHTS</u>	<u>15</u>
<u>000003</u>	<u>SALVAGE AND REINSTALL STATUES ON PILASTERS</u>	<u>15</u>
<u>000003</u>	<u>REMOVE AND RECONSTRUCT WROUGHT IRON FENCE ON BLOCK WALL</u>	<u>15</u>
<u>000003</u>	<u>CONSTRUCT BLOCK RETAINING WALL PER SPPWC STD. PLAN NO. 618-3 W/ BRICK CAP</u>	<u>15</u>
<u>000003</u>	<u>PLANTER WALL RETROFIT AND HEIGHT EXTENSION</u>	<u>15</u>
<u>000003</u>	<u>MANUAL DRIVEWAY SLIDING GATE</u>	<u>15</u>
<u>000003</u>	<u>DECORATIVE ARCH</u>	<u>15</u>

Bid Items and Applicable Sections

Item code	Item description	Applicable section
<u>510501</u>	<u>MINOR CONCRETE (UTILITY ISLAND)</u>	<u>51</u>
<u>510501</u>	<u>MINOR CONCRETE (WATER METER PAD)</u>	<u>51</u>
<u>000003</u>	<u>STAMPED COLORED CONCRETE PAVEMENT</u>	<u>40</u>
<u>000003</u>	<u>MINOR CONCRETE (CONTINUOUS REINFORCED CONCRETE STRIP)</u>	<u>73</u>



COUNTY OF RIVERSIDE TRANSPORTATION AND LAND MANAGEMENT AGENCY



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

Transportation Department

ADDENDUM NUMBER 2

Dated August 28, 2013

to the
Specifications and Contract Documents
for the construction of

Fred Waring Drive
Roadway Improvements
From Adams Street to Port Maria Road
In the City of La Quinta and Bermuda Dunes area

Project No. B5-0689
State Aid No. SLPPCL13-5956(220)

Bids Due: Wednesday, September 4, 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 Addendum No. 1, Item 2, "Revised Proposal", Attachment "A". Proposal (pages B2-B6) is deleted and replaced with revised "Proposal" attached herewith as Attachment "A". The following revisions have been made to the bid Proposal:

- a. The following bid items descriptions have been revised:
 - Item 43, Minor Concrete (curb & gutter) (Transition 8" to 12")
- b. The quantities of following bid items have been revised:
 - Item 43, Minor Concrete (curb & gutter) (Transition 8" to 12")
- c. The following bid items have been added:
 - Item 156, Remove Interlocking Paver Blocks
 - Item 157, Minor Concrete (6" Curb And Gutter - Reverse & Transition Gutters)
 - Item 158, Street Lighting

See Attachment "A", Revised Proposal

Item 2: 2-1.06B Supplemental Project Information

Refer to item 6 of Addendum 1. See "Supplemental Project Information" on County's website address listed below.

1. Imperial Irrigation District, Coachella Valley Power Divisions requirements, provisions and standards
Service Notification: 4014837
Service Order: 60077999

The Service Notification number in first bullet item has been corrected from 401837 to 4014837. Additionally, page 40 which was missing in the earlier document has been included and made part thereof. (These requirements are for undergrounding overhead wires).

Contractor's attention is directed to note that the street lighting portion of this in Service Notification: 4014837, Service order: 60077999 has been superseded by Service Notification: 4015796, Service order: 60083041 (shown in Item 7 of this Addendum 2).

2. Cross Sections
3. Myoma Dunes Water Company Water Line Relocation Plans
4. Verizon facilities relocation plans
5. Caltrans Revised Standard Plan, RSP P20, (Joint Seals)

During the advertisement period of this project, the supplemental information will be available as a free download for use by the Contractor at the following County website:

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

Supplement project information is part of the Contract Documents and Special Provisions. These documents are also available upon request to the Transportation Department: (951) 955-6780.

Item 3: 5-1.36D

Attention is directed to Section 5-1.36D (Page 17) of the Special Provisions, which provides the working days allowed for each utility owner work within the construction work area.

All utility relocation work that has been identified will be performed during construction. The working days and schedule for the relocation work shall be coordinated by the Contractor and each utility owner in a mutually acceptable manner.

The Contractor shall provide adequate written notice to each utility company, well in advance of the schedule for the utility work.

The work of each utility company is anticipated to be performed during separate and distinct construction windows, with little or no over-lap.

The Contractor shall arrange for coordination meetings as necessary to provide adequate communication and notifications.

Item 4: 15-2.04F(8) Planter Wall Retrofit and Height Extension

Refer to Page 8 of Addendum No. 1, Item Section 15-2.04F(8)

Delete the entire section and replace with the following Special Provisions:

"15-2.04F(8) Planter Wall Retrofit and Height Extension

The meandering planter walls at 79300 and 79320 Fred Waring Drive are to be extended 16" in height and refinished to match existing walls.

Retrofit existing planter wall footings, and remove and reconstruct portions of existing planter walls per details shown on plans.

In sequencing the wall construction, the initial major construction shall be the complete footing retrofit of the existing planter wall. Once all the footing retrofit is completed, then remove and replace the sections of walls shown to be reconstructed. After the reconstruction sections are completed, then construct the wall height extension.

Brace planter walls at 79300 and 79320 as necessary to avoid excessive movement of the planter walls. When excavating at the footings, excavate and expose no more than 20 foot contiguous segments. Roughen surface of footing at ¼" amplitude where it will be joined to footing extension concrete.

Contractor shall exercise care to minimize impact to existing block walls during

retrofit of footings, and removal and reconstruction of planter walls. A monitoring program shall be implemented during construction to monitor movement of existing block walls behind the planter walls. If the measured vertical or lateral movement is excessive, construction shall be stopped immediately and measures to mitigate the movement should be implemented as approved by the Engineer.

Remove existing wall cap and extend height of wall as shown on plans. Install new cap. Refinish and paint wall to match existing.

Payment for monitoring program shall be included in the Bid Item for Planter Wall Retrofit and Height Extension."

Item 5: 15-2.02M Remove Interlocking Paver Blocks

. The following Special Provisions are added and made part hereof.

15-2.02M Remove Interlocking Paver Blocks

Existing interlocking paver blocks shall be removed to the limits shown. Paver blocks shall be removed and disposed of off the project site. Protect-in-place paver blocks which are to remain.

Item 6: 51-7.01C(1) Finishing RCB Sidewalk Surface

Refer to Page 50 of the "Special Provisions. The following Special Provisions are added and made part hereof.

51-7.01C(1) Finishing RCB Sidewalk Surface

The portions of the RCB (Reinforced Concrete Box) where the top slab serves as the finished sidewalk surface, the top surface shall be finished to meet the sidewalk standards of the City of La Quinta.

Item 7: 51-7.01D Payment

Refer to Page 50 of the "Special Provisions. The following Special Provisions are added and made part hereof.

Payment for constructing side drain openings, including curb support steel plates, support bars, protection bars, and gutter apron, are included in the per cubic yard unit cost for Minor Concrete (Minor Structure) for the various sizes of the RCB's.

Item 8: 86 Electrical Systems

Refer to Section 86, and subsection 'Imperial Irrigation District (IID) Improvements' on page 53 and 54 of the Special Provisions.

- A. Conduit design and detail sheet document entitled "County of Riverside Transportation, 79247 Fred Waring Dr., La Quinta, CA 92253, Service Notification:4015576, Service order:60082097" for median landscape and irrigation service is being provided as **Attachment "B1"** to this addendum and made part hereof. Contractor shall comply with these IID requirements.
- B. Conduit design and detail sheet document entitled "County of Riverside Transportation, 79570 Fred Waring Dr., La Quinta, CA 92253, Service Notification:4015796, Service order:60083041" for street lights is being provided as **Attachment "B2"** to this addendum and made part hereof. Contractor shall comply with these IID requirements. This design supplements IID CSP 4014837, and modifies that undergrounding design with respect to the street lighting portion only.

Contractor's attention is directed to the fact that the work in this Service Notification:4015796, Service order:60083041" supersedes the street light portion of the work shown in Service Notification:4014837, Service order:60077999" shown in Item 2 of this Addendum 2. The remainder of the undergrounding and primary system in Service Notification:4014837, Service order: 60077999 remains unchanged. The street lighting improvements are shown in the IID service notification and Plan Sheet E-8.

See Attachment "B1 & B2" (IID design & details)

Item 9: Project Information; Questions and Responses. Questions and Responses information list is available as a free download at the following County website:

http://www.tlma.co.riverside.ca.us/trans/con_bid_advertisements.html

This (downloadable) file is provided for reference only. For any discrepancy written on the Questions and Responses, the Contractor shall conform to the contract documents.

The Contractor Questions and Responses are included as **Attachment "C"**.

See Attachment "C"

MODIFICATIONS / CLARIFICATIONS TO PLANS:

- Item 10:**
- a. **Construction Notes**
Refer to Construction notes on the plan Sheet No. E-6 (sheet 121 of 123), Revised following Construction Notes as noted below:
 - Construction Note 6: Revised PVC conduit schedule 80 to 40. Added note for pull-rope and red marking tape over conduit.

- Construction Note 7: Added note for installing a pull-rope in the PVC schedule 80 riser
- b. Refer to Construction notes on the plan Sheet No. E-8 (sheet 123 of 123), Revised following Construction Notes as noted below:
 - Construction Note 1: Revised 1"C conduit to 2"C
 - Construction Note 3: Revised PVC conduit schedule 80 to 40. Added note for pull-rope and red marking tape over conduit.
 - Construction Note 5: Revised Caltrans STD plan reference sheet number from ES-2E to ES-2C.
 - Construction Note 7: Added note 7 to provide pull box cover plate with a marking "street light".
- c. Refer to Construction notes on the plan Sheet No. D-1 (sheet 39 of 123) and D-5 (Sheet 43 of 123), Revised following Construction Notes as noted below:
 - Construction Note 86: Removed "WITH 6" SUPPORT BAR SPACING" language from end of note

Item 11: Plan Sheets (Replacement)

Refer to following plan sheets. These plan sheets are deleted and replaced with revised sheets as noted below:

1. Sheet P-3, Sheet 13 of 123
2. Sheet C-8, Sheet 22 of 123
3. Sheet C-15, Sheet 29 of 123
4. Sheet C-17, Sheet 31 of 123
5. Sheet C-24, Sheet 38 of 123
6. Sheet D-1, Sheet 39 of 123
7. Sheet D-2, Sheet 40 of 123
8. Sheet D-3, Sheet 41 of 123
9. Sheet D-4, Sheet 42 of 123
10. Sheet D-5, Sheet 43 of 123
11. Sheet DD-2, Sheet 46 of 123
12. Sheet E-6, Sheet 121 of 123
13. Sheet E-8, Sheet 123 of 123

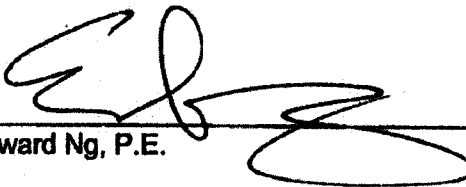
See Attachment "D"

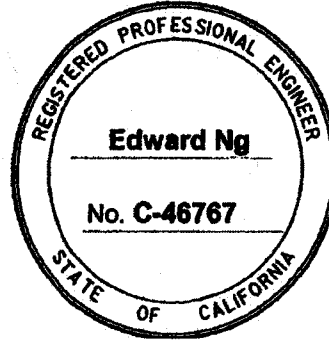
Note: All revised plan sheets are posted on following website and available for download during the advertisement period.

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

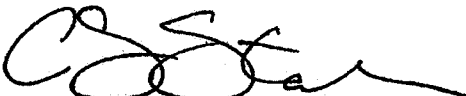
Addendum No. 2
Fred Waring Drive, Roadway Improvements
From Adams Street to Port Maria Road, in the City of La Quinta and Bermuda Dunes area
Project No. B5-0689, State Aid No. SLPPCL13-5956(220)
August 28, 2013
Page 7 of 8

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


Edward Ng, P.E.



Recommended by:


C. Scott Staley, PE
County Project Manager

Concurrence:

Signature on File
Khalid Nasim, PE
Engineering Division Manager

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

JRJ:jrj:sb

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

B1 – IID Design (Notification:4015576, Service order:60082097)

B2 – IID Details (Notification:4015796, Service order:60083041)

C – Questions and Responses

D – Plan Sheets (Replacement)

**Fred Waring Drive
Roadway Improvements
from Adams Street to Port Maria Road
in the City of La Quinta and Bermuda Dunes area
Project No. B5-0689
State Aid No. – SLPPCL13-5956(220)**

PROPOSAL (REVISED)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
1	760090	MOBILIZATION, DEMOBILIZATION, AND FINAL CLEANUP	LS	1		
2	066102	DUST ABATEMENT	LS	1		
3	074020	WATER POLLUTION CONTROL	LS	1		
4	160101	CLEARING AND GRUBBING	LS	1		
5	170101	DEVELOP WATER SUPPLY	LS	1		
6	000003	REMOVE MAILBOX	EA	21		
7	000003	REMOVE BLOCK WALL	SQFT	16,885		
8	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	5,074		
9	150712	REMOVE PAINTED PAVEMENT MARKING	SQFT	902		
10	150742	REMOVE ROADSIDE SIGN	EA	12		
11	150770	REMOVE ASPHALT CONCRETE PAVEMENT	SQFT	164,563		
12	150770	REMOVE ASPHALT CONCRETE PAVEMENT (DRIVEWAY)	SQFT	5,232		
13	150812	REMOVE PIPE (12" RCP)	LF	9		
14	150820	REMOVE INLET	EA	1		
15	153210	REMOVE CONCRETE [PAVEMENT AND CROSS GUTTER]	SQFT	18,876		
16	000003	REMOVE AND SALVAGE PLANTER BLOCK WALL ON PROPERTY	SQFT	684		
17	000003	SALVAGE ROCK HARDSCAPE	SQFT	1,000		
18	000003	REMOVE AND SALVAGE PICKET FENCE	SQFT	498		
19	160120	REMOVE TREE	EA	40		
20	153241	REMOVE CONCRETE (CURB, GUTTER AND SIDEWALK)	SQFT	16,084		
21	120100	TRAFFIC CONTROL SYSTEM	LS	1		
22	000003	TEMPORARY PAVEMENT (DETOUR)	LS	1		
23	510502	MINOR CONCRETE (MINOR STRUCTURE) (4' X 0.5' RCB)	CY	11		
24	510502	MINOR CONCRETE (MINOR STRUCTURE) (4.5' X 0.5' RCB)	CY	5		
25	510502	MINOR CONCRETE (MINOR STRUCTURE) (4' X 0.67' RCB)	CY	5		
26	510502	MINOR CONCRETE (MINOR STRUCTURE) (7' X 0.5' RCB)	CY	11		
27	510502	MINOR CONCRETE (MINOR STRUCTURE) (7' X 1' RCB)	CY	302		
28	000001	ITEM DELETED BY ADDENDUM	----	----	-----	-----

PROPOSAL (REVISED)

Attachment "A" to Addendum 2

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
29	650010	12" REINFORCED CONCRETE PIPE	LF	5		
30	208603	8" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	10		
31	017317	MINOR CONCRETE (CROSS-GUTTER AND SPANDREL) (CRS 209)	SQFT	5,549		
32	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION) (CURB DRAIN SYSTEM PER DETAIL IN SHEET C-15)	CY	2		
33	731507	MINOR CONCRETE (GUTTER DEPRESSION) (LA QUINTA STD PLAN NO. 330 - CASE C)	CY	3		
34	709904	CATCH BASIN [(CURB INLET) (LA QUINTA STD PLAN NO. 300 - NO. 1)]	EA	1		
35	000003	MANHOLE (RCFC&WCDS MH 256)	EA	3		
36	000003	JUNCTION STRUCTURE (LA QUINTA STD PLAN NO. 352)	EA	1		
37	000003	TRASH RACK (SPPWC STD PLAN NO. 361-2)	EA	1		
38	731504	MINOR CONCRETE (CURB AND GUTTER) (8")	LF	2,074		
39	730010	MINOR CONCRETE (CURB) (LA QUINTA STD PLAN NO. 210)	LF	4,915		
40	017307	MINOR CONCRETE (TYPE "C" CURB) (CRS 202)	LF	2,301		
41	017309	MINOR CONCRETE (TYPE "D" CURB) (CRS 204)	LF	371		
42	730010	MINOR CONCRETE (CURB) (TRANSITION)	LF	81		
43	731504	MINOR CONCRETE (CURB AND GUTTER) (TRANSITION 8" TO 12")	LF	82		
44	017310	MINOR CONCRETE (DRIVEWAY APPROACH) (CRS 207)	SQFT	630		
45	731519	MINOR CONCRETE (STAMPED COLORED CONCRETE PAVEMENT)	SQFT	36,773		
46	731521	MINOR CONCRETE (SIDEWALK)	SQFT	9,410		
47	510501	MINOR CONCRETE [CONCRETE STRIP]	SQFT	2,395		
48	731623	MINOR CONCRETE (CURB RAMP) (LA QUINTA STD PLAN NO. 250 - CASE B)	SQFT	845		
49	731623	MINOR CONCRETE (CURB RAMP) (CALTRANS STD PLAN A88A - CASE C)	SQFT	135		
50	731623	MINOR CONCRETE (CURB RAMP) (CALTRANS STD PLAN A88A - CASE F)	SQFT	144		
51	731623	MINOR CONCRETE (CURB RAMP) (CALTRANS STD PLAN A88B - CASE CM)	SQFT	200		
52	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	SQFT	673		
53	000003	GUTTER WITH CURBS	LF	55		
54	510501	MINOR CONCRETE [SPLIT GRADE MEDIAN NOSE]	LF	195		
55	839510	HEADLIGHT GLARE SCREEN	LF	195		
56	510501	MINOR CONCRETE [PCC RETAINING CURB]	LF	60		
57	510501	MINOR CONCRETE [UTILITY ISLAND]	SQFT	278		
58	510501	MINOR CONCRETE [WATER METER PAD]	SQFT	128		
59	518002	SOUND WALL (MASONRY BLOCK) (RANCHO OCOTILLO)	LS	1		
60	518002	SOUND WALL (MASONRY BLOCK) (LA QUINTA PALMS)	LS	1		
61	013901	RUBBERIZED HOT MIX ASPHALT	TON	3,617		
62	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQFT	132,701		

PROPOSAL (REVISED)

Attachment "A" to Addendum 2

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
63	190101	ROADWAY EXCAVATION	CY	3,390		
64	198010	IMPORTED BORROW	CY	4,370		
65	260201	CLASS 2 AGGREGATE BASE	CY	2,599		
66	390132	HOT MIX ASPHALT (TYPE A)	TON	3,636		
67	731516	MINOR CONCRETE (DRIVEWAY) [PAVING WITH CONCRETE PAVERS]	SQFT	3,762		
68	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	23,099		
69	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	1,658		
70	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	391		
71	015602	FUNDING AWARENESS SIGN	EA	2		
72	066148	RELOCATE SIGNS	EA	10		
73	566011	ROADSIDE SIGN - ONE POST	EA	22		
74	820107	DELINEATOR (CLASS 1)	EA	50		
75	820130	OBJECT MARKER	EA	15		
76	000003	CONSTRUCT MONUMENT SIGN	EA	1		
77	511035	ARCHITECTURAL TREATMENT [WALL PLAQUE]	EA	2		
78	000003	POST MOUNTED MAILBOX	EA	21		
79	000001	ITEM DELETED BY ADDENDUM	----	----	-----	-----
80	861501	MODIFY SIGNAL AND LIGHTING (ADAMS STREET)	LS	1		
81	861501	MODIFY SIGNAL AND LIGHTING (DUNE PALMS ROAD)	LS	1		
82	000001	ITEM DELETED BY ADDENDUM	----	----	-----	-----
83	518201	MASONRY BLOCK WALL	SQFT	8,051		
84	513553	RETAINING WALL (MASONRY WALL)	SQFT	980		
85	731516	MINOR CONCRETE (DRIVEWAY)	SQFT	8,514		
86	510501	MINOR CONCRETE [WALKWAY AND PAVEMENT INFILL]	SQFT	160		
87	731519	MINOR CONCRETE (STAMPED CONCRETE) [FOR DRIVEWAY]	SQFT	720		
88	000003	RECONSTRUCT PILASTER TO MATCH EXISTING	EA	20		
89	000003	ADJUST MANUAL DRIVEWAY SLIDING GATE	EA	3		
90	000003	ADJUST MOTORIZED DRIVEWAY SLIDING GATE	EA	12		
91	000003	MANUAL DRIVEWAY SLIDING GATE	EA	1		
92	000001	ITEM DELETED BY ADDENDUM	----	----	-----	-----
93	000001	ITEM DELETED BY ADDENDUM	----	----	-----	-----

PROPOSAL (REVISED)

Attachment "A" to Addendum 2

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
94	000003	RECONSTRUCT GATE TRENCH	EA	5		
95	000001	ITEM DELETED BY ADDENDUM	----	----	-----	-----
96	000003	ADJUST PEDESTRIAN GATES	EA	6		
97	000003	REMOVE AND RECONSTRUCT CONCRETE STEPS	SQFT	350		
98	000003	CONSTRUCT CONCRETE STEPS	SQFT	20		
99	000003	CONSTRUCT DUMPSTER ENCLOSURE	EA	1		
100	000003	REMOVE AND RECONSTRUCT WROUGHT IRON FENCE ON BLOCK WALL	LS	1		
101	000003	CONSTRUCT BLOCK RETAINING WALL PER SPPWC STD PLAN NO.618-3 WITH BRICK CAP	LF	50		
102	151554	RECONSTRUCT CHAIN LINK GATE (TYPE CL-6), (SLATTED WITH BARBED WIRE, L=8')	EA	2		
103	151540	RECONSTRUCT CHAIN LINK FENCE (TYPE CL-6), (SLATTED WITH BARBED WIRE)	LF	90		
104	000003	LANDSCAPE REPLACEMENT (BERMUDA DUNES HOMES)	LS	1		
105	000003	LANDSCAPE REPLACEMENT (RANCHO OCOTILLO HOMES)	LS	1		
106	000003	FINE GRADING	SQFT	9,830		
107	000003	IRRIGATION & ELECTRICAL STREET CROSSINGS	LS	1		
108	000003	2" DEPTH DECOMPOSED GRANITE TYPE #1	SQFT	4,170		
109	000003	2" DEPTH DECOMPOSED GRANITE TYPE #2	SQFT	5,660		
110	000003	2' DIAMETER CALIF. GOLD BOULDERS	EA	24		
111	000003	3' DIAMETER CALIF. GOLD BOULDERS	EA	21		
112	000003	4' DIAMETER CALIF. GOLD BOULDERS	EA	2		
113	000003	PERMA-LOC ASPHALT EDGE	LF	754		
114	000003	4"-8" ARIZONA COBBLE DECORATIVE ROCK	SQFT	2,708		
115	000003	INSTALL COMPLETE AUTOMATIC IRRIGATION SYSTEM PER PLANS. (HOT TAP, SERVICE LINE, METER BY CVWD)	LS	1		
116	000003	INSTALL ELECTRICAL/LANDSCAPE LIGHTING SYSTEM PER PLANS	LS	1		
117	000003	ACACIA STENOPHYLLA (24" BOX)	EA	4		
118	000003	CERCIDIUM X 'DESERT MUSEUM' (24" BOX MULTI-TRUNK)	EA	6		
119	000003	CHILOPSIS LINEARIS (24" BOX)	EA	9		
120	000003	LAGERSTROEMIA INDICA 'WATERMELON RED' (24" BOX)	EA	2		
121	000003	PYRUS KAWAKAMII (24" BOX)	EA	4		
122	000003	BRAHEA ARMATA (3'-5')	EA	15		
123	000003	CHAMAEROPS HUMILIS (24" BOX)	EA	21		
124	000003	WASHINGTONIA ROBUSTA (10'-14' BTH)	EA	9		
125	000003	CAESALPINIA PULCHERRIMA (5 GAL)	EA	9		
126	000003	CASSIA NEMOPHILA (5 GAL)	EA	9		

PROPOSAL (REVISED)

Attachment "A" to Addendum 2

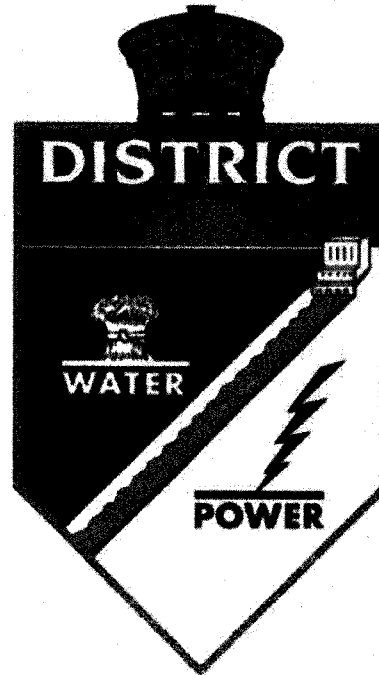
ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
127	000003	DASYLLIRION WHEELERI (5 GAL)	EA	22		
128	000003	ECHINOCACTUS GRUSONII (8" - 12")	EA	30		
129	000003	FOUGUIERIA SPLENDENS (7 CANE MIN.)	EA	13		
130	000003	HESPERALOE PARVIFLORA (5 GAL)	EA	6		
131	000003	LEUCOPHYLLUM CANDIDUM 'THUNDER CLOUD' (5 GAL)	EA	10		
132	000003	RUELLIA BRITTONIANA (5 GAL)	EA	8		
133	000003	SALVIA GREGGII (5 GAL)	EA	20		
134	000003	BOUGAINVILLEA '00-LA-LA' (5 GAL)	EA	19		
135	000003	LANTANA CAMARA (1 GAL)	EA	27		
136	000003	LANTANA MONTEVIDENSIS (5 GAL)	EA	17		
137	000003	STAMPED CONCRETE PAVING FOR MEDIAN	SQFT	4,032		
138	000003	BOUGAINVILLEA '00-LA-LA' REPLACEMENT PLANTS (5 GAL)	EA	22		
139	000003	CASSIA NEMOPHILA REPLACEMENT PLANTS (5 GAL)	EA	58		
140	000003	LANTANA MONTEVIDENSIS REPLACEMENT PLANTS (5 GAL)	EA	20		
141	000003	REPLACE EXISTING LANDSCAPING AND IRRIGATION REMOVED/DAMAGED DUE TO BLOCK WALL CONSTRUCTION	LS	1		
142	000003	ONE YEAR MAINTENANCE/ PLANT ESTABLISHMENT	LS	1		
143	152402	ADJUST WATER VALVE COVER TO GRADE [CVWD]	EA	4		
144	000003	IMPERIAL IRRIGATION DISTRICT (IID) IMPROVEMENTS	LS	1		
145	510502	MINOR CONCRETE (TRANSITION STRUCTURE)	CY	54		
146	510501	MINOR CONCRETE (CONTINUOUS REINFORCED CONCRETE STRIP)	SQFT	5,101		
147	000003	PLANTER WALL RETROFIT AND HEIGHT EXTENSION	LS	1		
148	000003	CONSTRUCT SLOUGH WALL	LF	190		
149	000003	BLOCK WALL HEIGHT EXTENSION WITH TUBULAR STEEL FENCE	LS	1		
150	000003	WALL MOUNTED CALL BOX	EA	2		
151	000003	SALVAGE AND REINSTALL LIGHTS ON WALLS AND PILASTERS	EA	5		
152	000003	SALVAGE AND REINSTALL STATUES ON PILASTERS	EA	4		
153	000003	SALVAGE AND REINSTALL FLAG POLE AND UPLIGHTS	LS	1		
154	994647	ARCHITECTURAL WORK (DECORATIVE ARCHES)	EA	3		
155	800360	CHAIN LINK FENCE (TYPE CL-6), SLATTED	LF	38		
156	000003	REMOVE INTERLOCKING CONCRETE PAVER BLOCKS	LS	1		
157	000003	MINOR CONCRETE (6" CURB AND GUTTER- REVERSE & TRANSITION GUTTERS)	LF	80		
158	860408	STREET LIGHTING	LS	1		

PROJECT TOTAL: _____ \$ _____
 ITEMS 1-158 "WORDS"

**Imperial Irrigation District
Coachella Valley
Power Division**

**COUNTY OF RIVERSIDE TRANSPORTATION
79247 FRED WARING DR.
LA QUINTA, CA 92253**

**Service Notification: 4015576 Contact Name: STAN DERY
Service Order: 60082097 Phone Number: 951.955.6146**



**Project Manager: Mr. Carlos Puente
Project Estimator: Mr. Miguel Ruiz**

OVERVIEW

As a Developer or Contractor (collectively "Developer") involved in today's new residential and/or commercial developments, you are well aware of how timing can make the difference between the success or failure of any project. The importance of establishing and adhering to realistic construction schedules is equally as important to the success of a project as project funding.

With current and projected demands increasing for residential and commercial units within the District's service area, it is important for Developers to establish a comprehensive development plan for the successful marketing of their projects. The District likewise must also set schedules to keep pace with the demands for electrical service. In that regard, the following information is provided as a guide to assist the Developer in the planning and scheduling of projects.

Upon receipt of the criteria in sections I - XI below, the District will provide a proposed construction schedule. The District's commitments and quoted costs are valid for six months.

I. REQUIREMENTS FOR ELECTRIC SERVICE

1. Complete and sign all applicable forms in the Customer Information Packet located in the back of this document. Please contact your Customer Service Project manager with questions or assistance in completing the forms.
2. A nonrefundable advance design fee payment (applied as a credit toward the construction costs).
3. Collection of construction costs according to IID Regulation No. 15.
4. An AutoCAD electronic file along with the requirements listed in Section XI will expedite your proposed project.

II. ADVANCE DESIGN FEES

An advance design fee must be paid to IID before a commitment will be granted. The advance fee will be determined as follows:

1. Design fees will be determined by the Customer Service Project Manager in accordance with I. Requirements for Electric Service, number 3 of section I above.
2. Switch and/or feeder work design.
3. The Advanced Design Fee will be paid to begin engineering a project and will be applied as a credit toward the IID cost of the project if it goes to completion. If the project is cancelled, the Advanced Design Fee is non-refundable. Any design changes that result in the redesign of project and therefore alters prior scheduled IID commitments will require an additional non-refundable Advanced Design Fee. Please contact a Customer Service Project Manager for appropriate design fee costs. District office locations and contact numbers are listed on page 3.

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III. ELIGIBILITY FOR ENGINEERING DESIGN

The District's Distribution Engineering Section prioritizes the preparation of the job package preparation based on receipt of all required customer information and the expected start of developer construction.

Job preparation will not begin until job is placed on the engineering schedule. To be placed on the engineering schedule, the developer must complete and submit the following:

1. Completion of all related IID forms found in the Customer Information Packet located at the end of this document.
2. Payment of advance design fee
3. Plans, drawings and load data

IV. JOB PACKAGE PREPARATION

The time required to prepare a job package for construction will vary depending upon the size of job, complexity of work, and right-of-way access, environmental or permit requirements.

The District will provide and mail a billing letter to the responsible party as shown in Customer Information Packet located at the end of this document.

V. JOB PACKAGE RELEASE

The job will be released for construction scheduling when the conditions contained within the Customer Information Packet have been met and the District's job package has been approved.

VI. CONSTRUCTION SCHEDULE

Based upon the estimated request date for electricity, the job package is released and placed on the District's construction schedule. Schedule may be obtained from Customer Service Project Manager.

The District's goal is to provide timely and economical electric service. In order to achieve this goal the developer should promptly provide the information requested and keep the Customer Service Project Manager informed of project status.

VII. UNDERGROUND FACILITIES

When underground facilities are to be included, the District will provide a complete set of underground duct, vault, transformer pad and riser pole system installation drawings and associated specifications for each project or phase. It is the responsibility of the developer to provide and install, at developer's expense, the complete underground conduit and vault system, including any street lighting systems required by the city, county or other governing agency having jurisdiction. Lighting systems must be approved in advance of installation by the governing agency having jurisdiction. The District will provide point of service.

The District will provide an underground power inspection during the installation of conduit and vault systems with the exception of street light systems. Any request for inspections on a project must be scheduled with the District a minimum of 48 business hours in advance. Failure to schedule and/or obtain an inspection and approval for any portion of the lighting or underground power system may result in the total rejection of the system. Attachment A contains the Underground Distribution Standard Specifications, which include details and District products used.

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VIII. LIABILITY

To eliminate any misunderstandings concerning the District's assumption of liability for personal injury or property damage prior to or following the completion of the underground duct and vault system by the Developer, the Developer will be required to acknowledge in writing that the District assumes no responsibility for safety, maintenance, repair or corrections for any on-site or off-site electrical distribution system equipment or facilities until the system and facilities are occupied by the District. This acknowledgement will be done through the completion of the Indemnification Agreement (**Form IID-700C 6-07**) which is required prior to obtaining electrical power service for the development project. Those persons executing the statement must be legally authorized by the developer to execute the statement, which shall be binding on all parties having ownership of, or contractual interest in, the land and/or development project. This will allow the application to be placed on the engineering schedule.

IX. OCCUPATION OF FACILITIES

It is the responsibility of the developer to supply and maintain all necessary safeguards and to ensure a safe working environment during and after the construction and/or installation of the underground power system. It is the District's policy to occupy only those portions of the system for which a service request has been made and all line extension charges and connect fees have been paid.

Only those portions of the system which are actually occupied by the District will be released from the Developer's responsibility. The Developer shall continue to be responsible for the maintenance, repairs, safety, corrections and the liability for the balance of the unoccupied and deenergized portions of the power system, until such time that the District takes possession.

Any portion of an existing underground system installed in advance of service needs of the Developer that is not occupied by the District shall require a full and complete re-inspection. The District will not establish construction and/or cable installation schedules in advance of the requirement.

Upon completion of the duct and vault system and acceptance of the installation as meeting the District's standards for installation conformance only, the District will assume ownership of all such facilities, except conduits, vaults and enclosures that are on, within or a part of a building or structure or that are not occupied by the District.

X. SPECIAL SERVICE CONDITIONS

During the initial review of any project, the District may determine that special service conditions exist due to one or more of the following conditions:

1. Existing distribution and/or transmission facilities do not have the capacity to serve the project.
2. Special or additional rights-of-way or easements may be required to serve the project.
3. Special voltage and/or load demands could be imposed on existing facilities by the project.
4. All rights-of-way determined necessary to extend electrical service to any project shall be the sole responsibility of the customer to acquire. (Contact Real-Estate Section: Imperial Valley (760) 339-9239 or Coachella Valley (760) 391-5950.

Under these conditions the Developer will be required to:

1. Provide a two-acre substation site at a location determined by the District.
2. Provide any additional rights-of-way or easements that the District determines necessary to provide electrical service to said project.

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XI. PLANS, DRAWINGS AND LOAD DATA

The District requires the developer to provide the following to the District's Customer Service Operations:

1. Approved street lighting plan.

Note: In the District's Riverside County service area, the Developer shall submit lighting proposals first to the county of Riverside and then to the District's Customer Service Operations for service points.

2. Water, sewer and drainage plans.
3. Street improvement plans.
4. Precise grading and landscaping plans.
5. Plot plans with building shown.
6. Parcel and overall project map with phasing.
7. Graphic scales on all AutoCAD drawings.
8. All parcel map property corners or tract map boundary corners shall be tied to section or $\frac{1}{4}$ section corners.
9. One hard copy of total connected electrical loads for each building style or floor plan.
10. Items to be included into their own separate layers are as follows:

- Land Parcel Layer
- Right of Way Layer
- Centerline layer including Street Centerline Annotation
- Public Utility Easement Layer (P.U.E.)

Items 1 through 8 (above) shall be provided for proposed residential subdivisions, commercial projects and apartment projects. All land base or base map data must first be acquired from either the county of Imperial or the county of Riverside (as appropriate). The land base information will include NAD-83, zone 6 state plane coordinates, the appropriate existing parcel map, street, road and any other known right-of-way boundaries. Known surveyed benchmark locations and/or GPS data points should also be included, wherein they are available. Basically, the proposed project should be designed inside the county area of the submittal and only in AutoCAD digital form. Acceptable media is an electronic file.

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CONTRACTORS NOTES

CONTRACTOR RESPONSIBILITY:

These specifications cover the requirements for furnishing and installing certain portions of electrical underground distribution facilities not detailed in the attached Contractors Drawings.

Whenever a manufacturer's material or equipment is referred to by name, type, or catalog number, this material or equipment is satisfactory, and "or approved equal" requires that other manufacturer's material or equipment will be acceptable only if it is of equal quality and approved by the District before purchase.

It will be the responsibility of the contractor to conform to local regulations and obtain any necessary permits in the performance of these specifications and comply with all District drawings and documents in their entirety.

Inspection service will be provided by the District. Materials and workmanship shall at all times be open to inspection by the District Inspector.
(Inspection schedules are subject to a minimum 48 hour advance notice and are by appointment only – La Quinta (760) 398-5828; Imperial (760) 482-3300).

Any work failed/rejected by the District Inspector shall be corrected in a matter satisfactory to the District Inspector prior to the continuation of work. The District Inspector shall have final authority to pass, fail or approve corrected measures. Work will not continue until the District Inspector has inspected and passed the electrical system.

The required material and work includes furnishing and installing the following:

1. Excavations, trenching and backfills.
2. Conduit encasement, and concrete requirements
3. Boring
4. Underground conduits, ducts, conduit fittings, and sealing compound
5. Transformer pads, junction pads, precast vaults, junction sleeves.
6. Marking tape over conduit
7. Secondary pullboxes.
8. Copperweld ground rods 5/8" x 10'
9. Guard posts
10. Pulling rope
11. Stub outs
12. Slopes
13. Retaining Walls
14. Clearances

All work shall follow the best modern practice both in the manufacturer and the installation of underground facilities. All work shall be done by artisans skilled in their various trades.

All rights-of-way determined necessary to extend electrical service to any project shall be the sole responsibility of the customer to acquire. For information regarding all real estate and right-of-way matters please contact the IID Real Estate Section: Imperial Valley (760) 339-9239 or Coachella Valley (760) 391-5950.

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Reference Tables:

- Table 1 Common Steel Casing and Conduit Sizes - **Section 3 Boring**
- Table 2 Conduit Index – **Section 4 Underground Conduits**
- Table 3 Conduit Rope/Measured Rope Requirements - **Section 10 Pulling rope**
- Table 4 Conduit Radius Index (Horizontal) – **Section 4 Underground Conduits**
- Table 5 Conduit Riser Sweep Radius Index (Vertical) – **Section 4 Underground Conduits**
- Table 6 Stub Out Marker – **Section 11 Stub outs**
- Table 7 Encasement Criteria – **Section 2 Conduit encasement**
- Table 8 Retaining Wall Slope Elevations – **Section 13 Retaining Walls**

Drawing Reference:

- Drawing 1 Vault side view, Conduit reduction – **Section 4 Underground Conduits**
- Drawing 2 Stub out detail – **Section 11 Stub outs**
- Drawing 3 Retaining Wall, slope falling toward IID equipment – **Section 12A Slope**
- Drawing 4 Retaining Wall, slope falling away from IID equipment – **Section 12B Slope**
- Drawing 5 Typical Boring 2 – 5" Detail – **Section 3 Boring**
- Drawing 6 Typical Boring 2 – 6" Detail – **Section 3 Boring**
- Drawing 7 Typical Boring 4 – 6" Detail – **Section 3 Boring**
- Drawing 8 Typical Boring 6 – 6" Detail – **Section 3 Boring**

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1. **Excavations, trenching and backfills:**

- A. It shall be the responsibility of the installation contractor to establish all grades (rough and final), bench marks, property corners, ties, fence lines, walls, property lines or other field references as required to install and verify the installation and location of power facilities.
- B. It shall be the responsibility of the installation contractor to establish the location and depth of all existing power system facilities and foreign substructures within the work area. The contractor shall also call the USA dig alert and keep up to date the one call ticket.
- C. Contractor/Developer shall review plans as soon as received from IID for possible conflicts or problems on locations of IID structures. Any revisions to original IID design will require additional engineering time and might cause additional delays to the project. It is the responsibility of the contractor to contact the appropriate IID Customer Service Project Manager.
- D. The installation contractor shall bear the responsibility for returning all excavated areas to at least 90% compaction. All testing to ensure 90% compaction and restoration of the work area to its former condition is the sole responsibility of the installation contractor. **(Refer to 2F)**
- E. Excavation for vaults, junction pads, secondary pullboxes and conduits shall be made to the proper depth **(Refer to 4B)**. After proper installation and inspection have been completed, compacted backfill shall be made to the finished level. All surplus excavation shall be disposed of in a satisfactory manner.
- F. Street light circuits, CATV, and telephone may be installed in the same trench; however, their relative position must be verified with each serving agency and installed to their specifications. **(Refer to Standard 100.41)**
- G. The contractor shall take due caution to keep from damaging other utility systems that have been installed and shall collaborate with other utilities that may be doing work in the same area **(Refer to 1B)**.
- H. All other utilities shall maintain no less than a 12" clearance from sub structures and underground equipment. **(Refer to Standard 100.41) (Refer to 2K)**
- I. Joint utility trench will be a minimum of 24" wide to ensure adequate separation between Power and Gas facilities. **(Refer to Standard 100.41)**
- J. Whenever possible Gas facilities will occupy the opposite side of the trench and be 12" above the power facilities. **(Refer to Standard 100.41) (Refer to 1H)**

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Excavations, trenching and backfills Continued:

- G. Developer/contractor will be responsible for coordination of inspections while trench has IID utilities exposed. **(Refer to Joint Trench Indemnity Agreement IID-700E (6-07))**(Inspection schedules are subject to a minimum 48 hour advance notice and are by appointment only – La Quinta (760) 398-5828; Imperial (760) 482-3300).

- L. The developer shall be responsible for filling out and signing IID form 700E 6-07 Joint Trench Indemnity Agreement, contact the appropriate IID Customer Service Project Manager. **(Refer to Joint Trench Indemnity Agreement IID-700E 6-07)**

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Underground conduits, ducts, conduit fittings, and sealing compound:

- A. Conduit runs shall not cross each other when on the same level and/or plane.
- B. Primary conduits shall be buried a minimum depth of four feet (4'). Secondary and service conduits shall be buried a minimum depth of two and one half feet (2½').
- C. Sizes and arrangements of conduits shall be as shown on the drawings.
- D. Where the external diameter of the conduit is smaller than the diameter of the opening in the vault wall, the reduction in conduit diameter shall take place two feet (2') from the external wall of the vault. **Refer to Drawing # 1**

Refer to Drawing 1 Vault side view, conduit reduction

- E. The maximum obtainable separation between power facilities and all other substructures shall be maintained at all times, 12" minimum when paralleling and 12" minimum when crossing encased in concrete. (12" minimum refers to compacted backfill)
- F. Conduit shall be: PVC heavy wall schedule 40 for below ground installation and schedule 80 for above ground installation. **(See conduit index table 2).**
- G. Conduit sweeps in duct runs shall not have less than a 12'-6" horizontal radius unless shown otherwise on the plans. **(See radius index (horizontal) table 4)**
- H. Conduit sweeps in vertical runs (pole risers and equipment risers) shall be installed in accordance with table 5.
- I. All 2", 3" service and/or secondary conduit (vertical) risers which enter buildings, service panels, secondary boxes, transformer pads, meter pedestals, etc., shall have a minimum 2'-0" radius, see riser sweep radius index (vertical) table 5.
- J. All 4" primary conduit (vertical) risers which enter transformer pads, primary metering panels, underground switch gear panels and pole risers, shall have a 4'-0" Radius for 4" duct, see riser sweep radius index (vertical) table 5.
- K. All 5", 6" primary conduit risers which enter transformer pads, primary metering panels, underground switch gear panels and pole risers, shall have a minimum of 4'-0" radius for 5" duct, and 5'-0" radius for 6" duct, see riser sweep radius index (vertical) table 5. Contact your IID Customer Service Project Manager for further instructions or questions.

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Underground conduits, ducts, conduit fittings, and sealing compound continued:

- K. The installation contractor shall mandrel all conduit runs to and including service duct, IID shall provide the mandrel and inspector. **(inspection schedules are subject to a minimum 48 hour advance notice and are by appointment only – La Quinta (760) 398-5828; Imperial (760) 482-3300).**

- L. The installation of the conduit system will be conducted by a single contractor or other entity to give the project continuity, reducing the possibility of deviations from the G.O. 128 regulations.

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TABLES

Table 2 (Conduit Index)

CONDUIT INDEX Table 2								
CONDUIT DIAMETER	STRAIGHT BELOW GROUND	SWEEPS HORIZONTAL BELOW GROUND	POLE RISER SWEEP	STRAIGHT ABOVE GROUND	EQUIP SWEEP	TRANS PAD	SECONDARY BOXES	METER PANELS
1"	SCH 40	SCH 40	SCH 80	SCH 80	SCH 40	SCH 40	SCH 40	SCH 40
2"	SCH 40	SCH 40	SCH 80	SCH 80	SCH 40	SCH 40	SCH 40	SCH 40
3"	SCH 40	SCH 40	SCH 80	SCH 80	SCH 40	SCH 40	SCH 40	SCH 40
4"	SCH 40	SCH 40	SCH 80	SCH 80	SCH 40	SCH 40	SCH 40	SCH 40
5"	SCH 40	SCH 40	SCH 80	SCH 80	SCH 40	SCH 40	SCH 40	SCH 40
6"	SCH 40	SCH 40	SCH 80	SCH 80	SCH 40	SCH 40	SCH 40	SCH 40

Table 4 (Conduit Radius Index -Horizontal-)

CONDUIT RADIUS INDEX (HORIZONTAL) Table 4			
PRIMARY			
CONDUIT DIA.	RADIUS	CONDUCTOR SIZE	PVC SCHEDULE
4"	12.5" Radius	1-1/0 Conductor	40
5"	12.5" Radius	3-1/0 Conductors	40
6"	25" Radius Typical	3-750 MCM Conductors	40
6"	*50" Radius as Specified	3-750 MCM Conductors	40

*Contact your IID Customer Service Project Manager for instructions

Table 5 (Riser Sweep Radius -Vertical-)

RISER SWEEP RADIUS INDEX (VERTICAL) TABLE 5						
SECONDARY Conduit Dia.	Radius	Pole Riser PVC SCH	Equip. Riser PVC SCH	Trans. Pad PVC SCH	Secondary PVC SCH	Meter Panels PVC SCH
2"	24" Radius	N/A	40	40	40	40
3"	36" Radius	80	40	40	40	40
4"	*36"-48" Radius	80	40	40	40	40
PRIMARY Conduit Dia.	Radius	Pole Riser PVC SCH	Equip. Riser PVC SCH	Trans. Pad PVC SCH	Secondary PVC SCH	Meter Panels PVC SCH
4"	48" Radius	80	40	40	N/A	N/A
5"	*48"-60" Radius	80	40	40	N/A	N/A
6"	60" Radius	80	N/A	N/A	N/A	N/A

*Contact your IID Customer Service Project Manager for instructions.

N/A = Not Applicable

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6. **Marking tape over conduit:**

- A. Contractor shall install 2" line guard III tape, red in color with black lettering "CAUTION BURIED ELECTRIC LINE BELOW" **(See Standard 100.5)**
- B. Contractor will install a caution tape 12" above the power ducts. **(See Standard 100.5)**

7. **Secondary pullbox:**

Secondary pullboxes must be as shown on the drawings.

Surface secondary pullbox utilized in all Imperial Irrigation District secondary construction. Reference Standard **181.1 – 181.11**

8. **Copperweld ground rods 5/8" x 10':**

- A. To comply with General Order 128, rule 21.5A, the contractor is required to provide and install, a minimum of two (2) 5/8" x 10' Copperweld ground rods shall be installed at each transformer pad and junction pad, and primary vault. **(See Standards in 8C for detail)**
- B. The developer will be responsible for driving any and all ground rods in the system that is a joint trench. This will be predetermined and completed before IID construction crews arrive on the job.
- C. Trench and pad grounding:
Single phase transformer reference Standard **190.2-190.21**
Three phase transformer reference Standard **190.3-190.31**
Single phase sector reference Standard **190.4-190.41**
Three phase sector reference Standard **190.5-190.51**

9. **Guard posts:**

- A. Guard posts shall be 4" diameter pipe schedule 40 black cold rolled steel, painted high visibility yellow.

See Standard **181.6** for concrete fill/foundation requirements and typical location of posts around IID equipment.

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10. Pulling rope:

A. In all duct runs, the installation contractor is to furnish and install the following:

Table 3 (Conduit Rope/Measured Rope Requirements for Primary Pulls)

CONDUIT ROPE/MEASURED ROPE REQUIREMENTS PRIMARY PULLS			
Rope Type	Conduit Length	Conduit which will contain Wire	Spare Conduits
a) Polyester 3/8"	501' - 1000'	No Splices	Splices Ok
b) Measuring Rope 1/2"	1' - 1000'	No Splices	Splices Ok

- a) Polyester rope usually yellow in color is acceptable
- b) Measuring rope will have one foot (1') increments clearly marked.
IID representative/inspector has final decision on type of rope to be utilized in conduit pulls.
Spare conduits may be filled with polyester rope with splices.
If pulling wire at a later date (any time after construction) Contractor is responsible and required to pull in new rope that has no splices
N/A = Not applicable

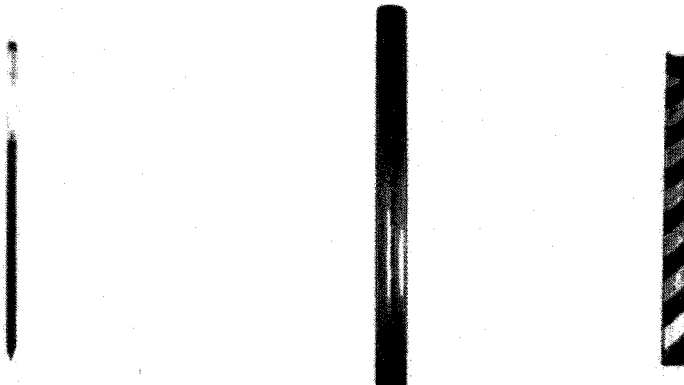
11. Stub outs:

Contractor shall obtain and install stub out markers comparable to the stub out marker indicated in Table 6.
Stubout conduit shall be a minimum of 10'. Refer to the job drawing for specific Stubout lengths.

Refer to Drawing 2 Stub out Detail

Table 6 (Stub Out Marker)

STUB OUT MARKER Table 6		
MANUFACTURE	PHONE NUMBER	PART NUMBER
ELECTROMARK	800-295-8247 ext. 222	POST-LX-1A-66R IMP065-G-RE-B41 IMP066-G-RE-RB1



Stub out Marker
66" x 4.25"

Front View
Top Portion

Back View
Top Portion

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TRANSFORMER BANK UG

- UNDERGROUND TRANSFORMER, ABC
- UNDERGROUND TRANSFORMER, A, B, AND C
- SUBMERSIBLE

SURFACE STRUCTURE UG

- SECTOR CABINET
- PEDESTAL
- XFMR PAD
- TRANSCLUSURE
- CIRCUIT BRKR PAD
- SWITCH AND CAPACITOR PAD

UNDERGROUND STRUCTURE UG

- SECONDARY PULLBOX
- VAULT, SMALL
- VAULT, MEDIUM
- VAULT, LARGE

SWITCH CABINET UG

- SWITCH CABINET
- UNDERGROUND SWITCH
- ELBOW/T-BODY ELBOW (SCALED UP)

CAPACITOR BANK UG

- UNDERGROUND CAPACITOR
- INDICATES AREA TO BE CONCRETE ENCASED

PRIMARY UG CONDUCTOR

- SINGLE PHASE PRIMARY UNDERGROUND
- TWO PHASE PRIMARY UNDERGROUND
- THREE PHASE PRIMARY UNDERGROUND
- THREE PHASE PARALLEL PRIMARY UNDERGROUND
- BUS BAR

SECONDARY UG CONDUCTOR

- SINGLE PHASE SECONDARY UNDERGROUND
- THREE PHASE SECONDARY UNDERGROUND
- UNDERGROUND SERVICE
- UNDERGROUND STREETLIGHT CONDUCTOR

POLE:

- WOOD POLE
- H-FRAME, 2 POLE
- H-FRAME, 3 POLE
- NON-WOOD POLE
- SL STANDARD
- VIRTUAL POLE
- STEEL TOWER

FUSES

- OVERHEAD FUSE

MISCELLANEOUS FEATURE

- RISER
- FAULT INDICATOR
- REMOTE CURRENT SENSOR

MISC NETWORK FEATURE

- OPEN POINT
- DOUBLE DEAD END JUMPER

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TRANSFORMER BANK OH

100.21

- OVERHEAD TRANSFORMER, A, B, AND C
- OVERHEAD TRANSFORMER, AB, AC, BC
- OVERHEAD TRANSFORMER, ABC
- STEP TRANSFORMER

CAPACITOR BANK OH

- OVERHEAD CAPACITOR

LIGHT

- SECURITY LIGHT/STREET LIGHT
- STREET LIGHT ON STEEL STRUCTURE
- STREET/RURAL LIGHT ON WOOD POLE

DYNAMIC PROTECTIVE DEVICE BANK

- CIRCUIT BREAKER
- RECLOSER
- SECTIONALIZER

REGULATOR BANK

- REGULATOR BANK

SWITCH

- OVERHEAD SWITCH-GANG & NON-GANG
- OVERHEAD SWITCH GANG
- OVERHEAD SWITCH NON-GANG
- AUTOMATIC TRANSFER
- SUBSTATION SWITCH

SERVICE LOCATION

- SERVICE POINT
- PRIMARY METER

SUBSTATION

- SUBSTATION

GENERATOR

- GNC
- PHOTO VOLTAIC
- SOLAR
- WIND

DOWN GUY


- DOWN GUY, SINGLE DOWN GUY
- DOWN GUY, TWO DOWN GUY
- DOWN GUY, THREE DOWN GUY
- SIDEWALK GUY
- SPAN GUY, # SYMBOL REPRESENTS # OF GUYS

PRIMARY OH CONDUCTOR

- SINGLE PHASE PRIMARY OVERHEAD
- TWO PHASE PRIMARY OVERHEAD
- THREE PHASE PRIMARY OVERHEAD
- SUBSTATION BUS BAR

SECONDARY OH CONDUCTOR

- SINGLE PHASE SECONDARY UNDERGROUND
- THREE PHASE SECONDARY UNDERGROUND
- OVERHEAD SERVICE
- OVERHEAD STREETLIGHT CONDUCTOR

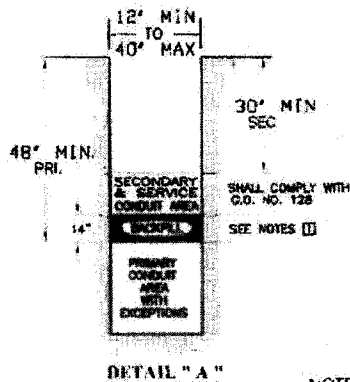
IID UNDERGROUND DISTRIBUTION STANDARDS				
IID ELECTRIC SYMBOL LEGEND				
N.T.S.	REV #	08-18-09	M. GAPPINGER	T. KING
SCALE	REV. No.	DATE	CHAIRMAN/STANDARDS	APPROVED

NOTIFICATION
SERVICE ORDER #
SHEET 14 OF

100.3

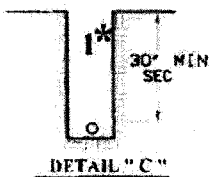
45

PRIMARY & SECONDARY



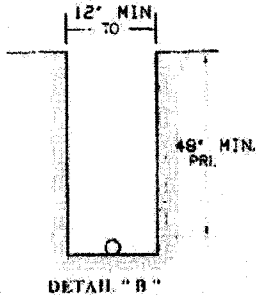
DETAIL "A"

SECONDARY



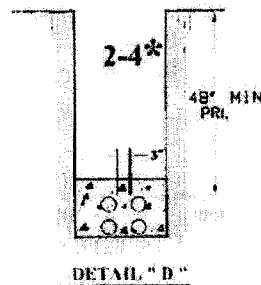
DETAIL "C"

PRIMARY



DETAIL "B"

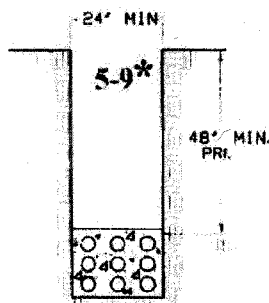
PRIMARY



DETAIL "D"

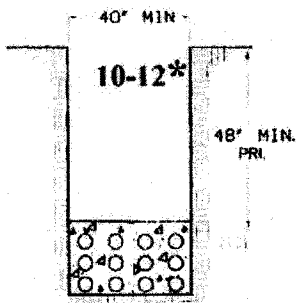
NOTE: THESE ARE TYPICAL TRENCH DETAILS THAT ARE TO BE USED FOR STACK FORMATION PURPOSES ONLY. MIN. DEPTH WILL BE (PRI. 48", SEC. 30") AT ANY DEPTH.

PRIMARY



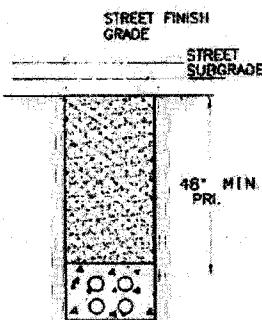
DETAIL "E"

PRIMARY



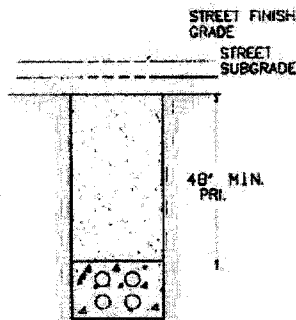
DETAIL "F"

COMPACTION BACKFILL



DETAIL "G"

2-SACK SAND SLURRY



DETAIL "H"

GENERAL INSTALLATION NOTES

1. USE PLASTIC SPACERS THAT PROVIDE 3" SEPARATION.
2. PLASTIC SPACERS SHALL BE USED ON CONDUIT RUNS TO BE CONCRETE ENCASED BOTH AS SINGLE OR BANKED INSTALLATIONS AND ON DUCT BANKS NOT ENCASED. (REFER TO CONTRACTORS NOTE 2C.)
3. CONDUIT RUNS SHALL NOT CROSS EACH OTHER WHEN ON THE SAME LEVEL AND/OR PLANE. (REFER TO CONTRACTORS NOTE 4A.)
4. THE MAXIMUM OBTAINABLE SEPARATION BETWEEN POWER FACILITIES AND ALL OTHER SUBSTRUCTURES SHALL BE MAINTAINED AT ALL TIMES. 12" MIN. WHEN PARALLEL BEING AND 12" MIN. WHEN CROSSING ENCASED IN CONCRETE.
5. WHEN CONCRETE ENCASEMENT IS SPECIFIED ON THE JOB, ENCASEMENT SHALL BE A 3 SACK MIX (2000 PSI) WITH SAND SLURRY WILL BE USED BELOW STREETS, PARKING LOTS, DRIVEWAYS, AND SIDEWALKS. WHEN STREETS, PARKING LOTS, DRIVEWAYS, AND SIDEWALKS DO NOT EXIST OVER THE DUCT SYSTEM, A 2 SACK SAND SLURRY MAY BE USED. REFER TO NOTE #4 CONTRACTOR NOTES STANDARD PAGE NUMBER 100.F.
6. ENCASE IN CONCRETE 3" ENVIRONMENT WHERE REQUIRED. SEE CONDUIT LAYOUT SHEETS (JOB COPY) FOR LOCATION OF CONCRETE TRENCHES.
7. LINE GUARD TAPE REQUIRED IN ALL TRENCHES. SEE STANDARD 100.G.

*IDENTIFY # OF CONDUITS

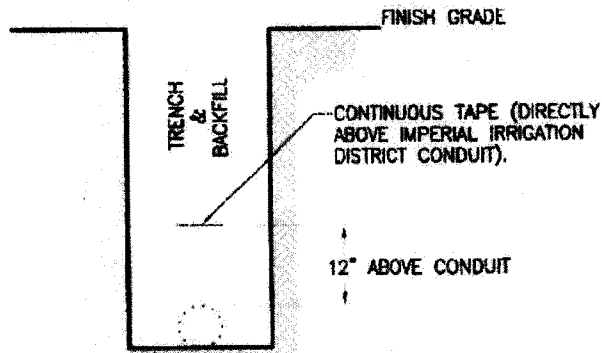
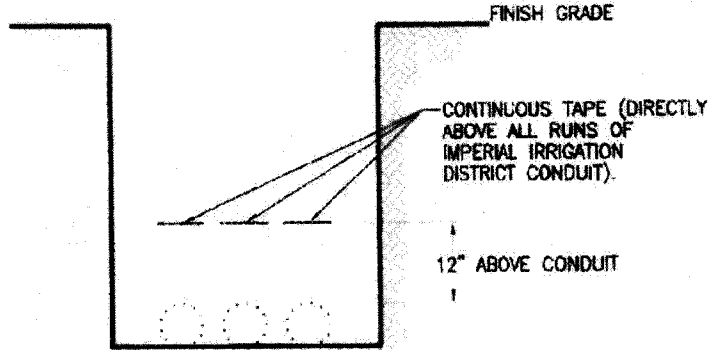
LEGEND

- CONDUIT
- ◻ 3 SACK MIX SAND SLURRY
- ◻ 2 SACK SAND SLURRY
- ◻ 90% COMPACTION BACKFILL

CSP/NOTIFICATION # _____
SERVICE ORDER # _____
SHEET 15 OF _____

	IID UNDERGROUND DISTRIBUTION STANDARDS				
	TRENCH DETAILS				
T. KING APPROVED	M. GAFFINGER CHAIRMAN/STANDARDS	11-19-09 DATE	REV 04 REV. No.	M.T.S. SCALE	

100.5



TYPICAL TRENCH DETAIL
W/LINEGUARD III TAPE OR EQUAL

NOTE:

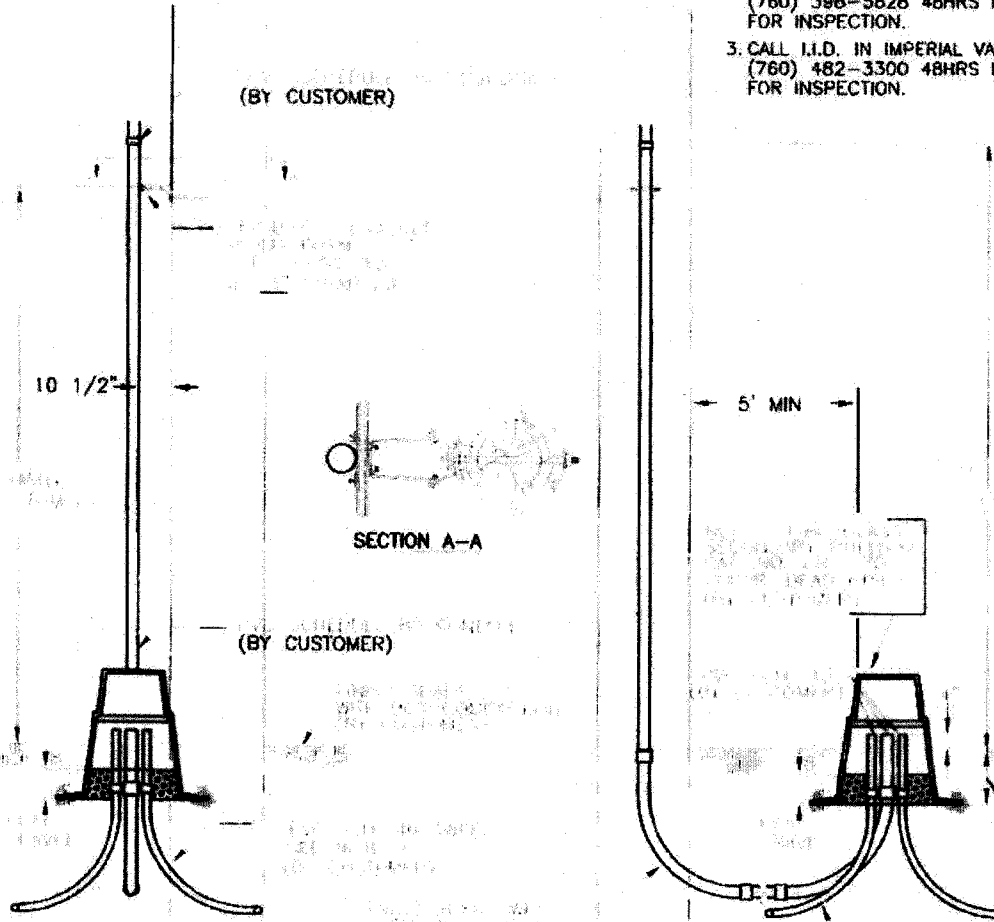
1. INSTALL LINE GUARD III TAPE (RED, MINIMUM 2" WIDE).
"CAUTION: BURIED ELECTRIC LINE BELOW".
TAPE TO BE FURNISHED & INSTALLED BY CONTRACTOR.
2. TAPE INSTALLED 12" ABOVE HIGHEST PRIMARY OR SECONDARY IMPERIAL IRRIGATION DISTRICT CONDUIT TRENCH.

CSP/NOTIFICATION # _____
SERVICE ORDER # _____
SHEET 16 OF _____

	ID UNDERGROUND DISTRIBUTION STANDARDS					
	LINE GUARD III TAPE					
	T. KING APPROVED	TK	M. GAFFINGER CHIEFMAN/STANDARDS	12-07-08 DATE	REV 04 REV. No.	1/4-1-8 SCALE

NOTES:

1. ALL JOINTS TO BE CEMENTED WITH APPROVED PVC CEMENT.
2. CALL I.I.D. IN COACHELLA VALLEY (760) 398-5828 48HRS IN ADVANCE FOR INSPECTION.
3. CALL I.I.D. IN IMPERIAL VALLEY (760) 482-3300 48HRS IN ADVANCE FOR INSPECTION.



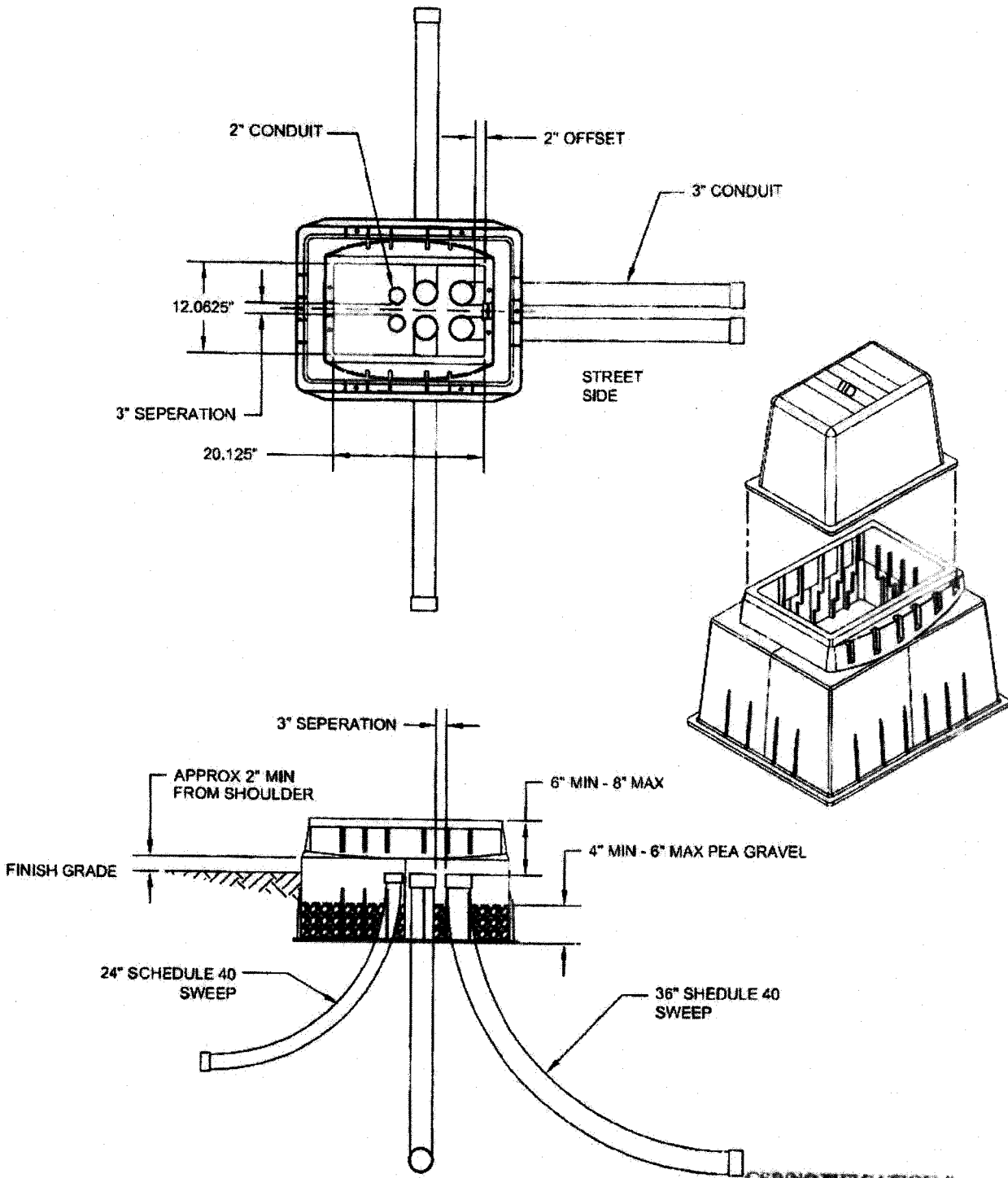
RISER/CONDUIT DETAIL
N.T.S.

CSP/NOTIFICATION # _____
SERVICE ORDER # _____
SHEET 17 OF _____

CONTRACTORS NOTES

1. MUST OBTAIN I.I.D. APPROVAL FOR USE.
2. CONTRACTOR SHALL DO ALL TRENCHING. (REFER TO CONTRACTORS NOTE 1A-G.)
3. CONTRACTOR SHALL INSTALL CONDUIT RUNS, PULLBOX AND RISER MATERIAL ON I.I.D. POLE. CONTACT ENG. FOR LOCATION ON POLE.
4. CONTRACTOR SHALL INSTALL PULLCORD IN CONDUIT RUN BETWEEN PULLBOX AND METER. *
5. CONTRACTOR SHALL CALL ENGINEERING FOR TRENCH INSPECTION PRIOR TO BACKFILLING.
6. CONTRACTOR SHALL BACKFILL AFTER I.I.D. INSPECTOR'S APPROVAL. TRENCH SHALL BE FREE OF ROCKS ADJACENT TO CONDUIT & PULLBOX. (REFER TO CONTRACTORS NOTE 1A-G.)
7. CHECK WITH ENGINEERING DEPT. FOR SPECS. ON COMMERCIAL SERVICES.
8. ALL MATERIAL SHOWN ON SKETCH EXCEPT POLE SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR AT HIS EXPENSE.
9. REFER TO TABLE 5 RISER SWEEP RADIUS. (PAGE 24)

IID UNDERGROUND DISTRIBUTION STANDARDS					
SECONDARY RISER WITH "SURFACE" PULLBOX					
N.T.S.	REV 06	04-10-10	M. GAFFNER	T. KING	
SCALE	REV. No.	DATE	CHAIRMAN/STANDARDS	APPROVED	



PENCELL PLATICS
 CATALOG NUMBER: AG-20HD

CSP/NOTIFICATION # _____
 SERVICE ORDER # _____
 SHEET / 8 OF _____

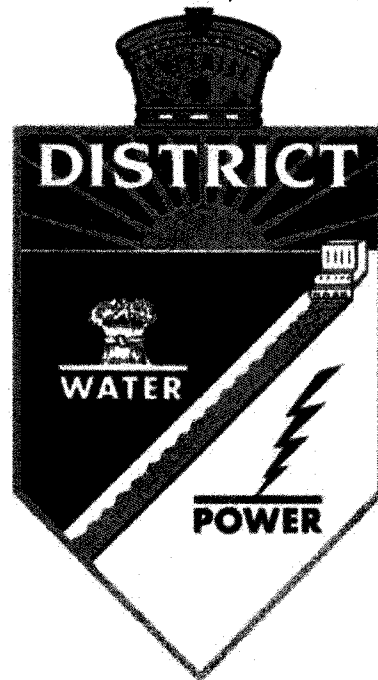
IMPERIAL IRRIGATION DISTRICT	
REVIEWED	
APPROVED	
DATE	
REVISION	REV 01
40006592	 SECONDARY PULLBOX PENCELL PEDESTAL LA QUINTA
181.21	

Imperial Irrigation District
Coachella Valley
Power Division

County of Riverside Transportation
79570 Fred Waring
La Quinta, CA 92253

Service Notification: 4015796
Service Order: 60083041

Contact Name: Stan Dery
Phone Number: (951) 956-6785



Project Manager: Mr. Carlos Puente
Project Coordinator: Mr. Jose Gerardo
Project Estimator: Mr. Steven Salado

OVERVIEW

As a Developer or Contractor (collectively "Developer") involved in today's new residential and/or commercial developments, you are well aware of how timing can make the difference between the success or failure of any project. The importance of establishing and adhering to realistic construction schedules is equally as important to the success of a project as project funding.

With current and projected demands increasing for residential and commercial units within the District's service area, it is important for Developers to establish a comprehensive development plan for the successful marketing of their projects. The District likewise must also set schedules to keep pace with the demands for electrical service. In that regard, the following information is provided as a guide to assist the Developer in the planning and scheduling of projects.

Upon receipt of the criteria in sections I – XI below, the District will provide a proposed construction schedule. The District's commitments and quoted costs are valid for six months.

I. REQUIREMENTS FOR ELECTRIC SERVICE

1. Complete and sign all applicable forms in the Customer Information Packet located in the back of this document. Please contact your Customer Service Project manager with questions or assistance in completing the forms.
2. A nonrefundable advance design fee payment (applied as a credit toward the construction costs).
3. Collection of construction costs according to IID Regulation No. 15.
4. An AutoCAD electronic file along with the requirements listed in Section XI will expedite your proposed project.

II. ADVANCE DESIGN FEES

An advance design fee must be paid to IID before a commitment will be granted. The advance fee will be determined as follows:

1. Design fees will be determined by the Customer Service Project Manager in accordance with I. Requirements for Electric Service, number 3 of section I above.
2. Switch and/or feeder work design.
3. The Advanced Design Fee will be paid to begin engineering a project and will be applied as a credit toward the IID cost of the project if it goes to completion. If the project is cancelled, the Advanced Design Fee is non-refundable. Any design changes that result in the redesign of project and therefore alters prior scheduled IID commitments will require an additional non-refundable Advanced Design Fee. Please contact a Customer Service Project Manager for appropriate design fee costs. District office locations and contact numbers are listed on page 3.

III. ELIGIBILITY FOR ENGINEERING DESIGN

The District's Distribution Engineering Section prioritizes the preparation of the job package preparation based on receipt of all required customer information and the expected start of developer construction.

Job preparation will not begin until job is placed on the engineering schedule. To be placed on the engineering schedule, the developer must complete and submit the following:

1. Completion of all related IID forms found in the Customer Information Packet located at the end of this document.
2. Payment of advance design fee
3. Plans, drawings and load data

IV. JOB PACKAGE PREPARATION

The time required to prepare a job package for construction will vary depending upon the size of job, complexity of work, and right-of-way access, environmental or permit requirements.

The District will provide and mail a billing letter to the responsible party as shown in Customer Information Packet located at the end of this document.

V. JOB PACKAGE RELEASE

The job will be released for construction scheduling when the conditions contained within the Customer Information Packet have been met and the District's job package has been approved.

VI. CONSTRUCTION SCHEDULE

Based upon the estimated request date for electricity, the job package is released and placed on the District's construction schedule. Schedule may be obtained from Customer Service Project Manager.

The District's goal is to provide timely and economical electric service. In order to achieve this goal the developer should promptly provide the information requested and keep the Customer Service Project Manager informed of project status.

VII. UNDERGROUND FACILITIES

When underground facilities are to be included, the District will provide a complete set of underground duct, vault, transformer pad and riser pole system installation drawings and associated specifications for each project or phase. It is the responsibility of the developer to provide and install, at developer's expense, the complete underground conduit and vault system, including any street lighting systems required by the city, county or other governing agency having jurisdiction. Lighting systems must be approved in advance of installation by the governing agency having jurisdiction. The District will provide point of service.

The District will provide an underground power inspection during the installation of conduit and vault systems with the exception of street light systems. Any request for inspections on a project must be scheduled with the District a minimum of 48 business hours in advance. Failure to schedule and/or obtain an inspection and approval for any portion of the lighting or underground power system may result in the total rejection of the system. Attachment A contains the Underground Distribution Standard Specifications, which include details and District products used.

VIII. LIABILITY

To eliminate any misunderstandings concerning the District's assumption of liability for personal injury or property damage prior to or following the completion of the underground duct and vault system by the Developer, the Developer will be required to acknowledge in writing that the District assumes no responsibility for safety, maintenance, repair or corrections for any on-site or off-site electrical distribution system equipment or facilities until the system and facilities are occupied by the District. This acknowledgement will be done through the completion of the Indemnification Agreement (Form IID-700C 6-07) which is required prior to obtaining electrical power service for the development project. Those persons executing the statement must be legally authorized by the developer to execute the statement, which shall be binding on all parties having ownership of, or contractual interest in, the land and/or development project. This will allow the application to be placed on the engineering schedule.

IX. OCCUPATION OF FACILITIES

It is the responsibility of the developer to supply and maintain all necessary safeguards and to ensure a safe working environment during and after the construction and/or installation of the underground power system. It is the District's policy to occupy only those portions of the system for which a service request has been made and all line extension charges and connect fees have been paid.

Only those portions of the system which are actually occupied by the District will be released from the Developer's responsibility. The Developer shall continue to be responsible for the maintenance, repairs, safety, corrections and the liability for the balance of the unoccupied and deenergized portions of the power system, until such time that the District takes possession.

Any portion of an existing underground system installed in advance of service needs of the Developer that is not occupied by the District shall require a full and complete re-inspection. The District will not establish construction and/or cable installation schedules in advance of the requirement.

Upon completion of the duct and vault system and acceptance of the installation as meeting the District's standards for installation conformance only, the District will assume ownership of all such facilities, except conduits, vaults and enclosures that are on, within or a part of a building or structure or that are not occupied by the District.

X. SPECIAL SERVICE CONDITIONS

During the initial review of any project, the District may determine that special service conditions exist due to one or more of the following conditions:

1. Existing distribution and/or transmission facilities do not have the capacity to serve the project.
2. Special or additional rights-of-way or easements may be required to serve the project.
3. Special voltage and/or load demands could be imposed on existing facilities by the project.
4. All rights-of-way determined necessary to extend electrical service to any project shall be the sole responsibility of the customer to acquire. (Contact Real-Estate Section: Imperial Valley (760) 339-9239 or Coachella Valley (760) 391-5950.

Under these conditions the Developer will be required to:

1. Provide a two-acre substation site at a location determined by the District.
2. Provide any additional rights-of-way or easements that the District determines necessary to provide electrical service to said project.

XI. PLANS, DRAWINGS AND LOAD DATA

The District requires the developer to provide the following to the District's Customer Service Operations:

1. Approved street lighting plan.

Note: In the District's Riverside County service area, the Developer shall submit lighting proposals first to the county of Riverside and then to the District's Customer Service Operations for service points.

2. Water, sewer and drainage plans.
3. Street improvement plans.
4. Precise grading and landscaping plans.
5. Plot plans with building shown.
6. Parcel and overall project map with phasing.
7. Graphic scales on all AutoCAD drawings.
8. All parcel map property corners or tract map boundary corners shall be tied to section or $\frac{1}{4}$ section corners.
9. One hard copy of total connected electrical loads for each building style or floor plan.
10. Items to be included into their own separate layers are as follows:

- Land Parcel Layer
- Right of Way Layer
- Centerline layer including Street Centerline Annotation
- Public Utility Easement Layer (P.U.E.)

Items 1 through 8 (above) shall be provided for proposed residential subdivisions, commercial projects and apartment projects. All land base or base map data must first be acquired from either the county of Imperial or the county of Riverside (as appropriate). The land base information will include NAD-83, zone 6 state plane coordinates, the appropriate existing parcel map, street, road and any other known right-of-way boundaries. Known surveyed benchmark locations and/or GPS data points should also be included, wherein they are available. Basically, the proposed project should be designed inside the county area of the submittal and only in AutoCAD digital form. Acceptable media is an electronic file.

CONTRACTORS NOTES

CONTRACTOR RESPONSIBILITY:

These specifications cover the requirements for furnishing and installing certain portions of electrical underground distribution facilities not detailed in the attached Contractors Drawings.

Whenever a manufacturer's material or equipment is referred to by name, type, or catalog number, this material or equipment is satisfactory, and "or approved equal" requires that other manufacturer's material or equipment will be acceptable only if it is of equal quality and approved by the District before purchase.

It will be the responsibility of the contractor to conform to local regulations and obtain any necessary permits in the performance of these specifications and comply with all District drawings and documents in their entirety.

Inspection service will be provided by the District. Materials and workmanship shall at all times be open to inspection by the District Inspector.
(Inspection schedules are subject to a minimum 48 hour advance notice and are by appointment only – La Quinta (760) 398-5828; Imperial (760) 482-3300).

Any work failed/rejected by the District Inspector shall be corrected in a matter satisfactory to the District Inspector prior to the continuation of work. The District Inspector shall have final authority to pass, fail or approve corrected measures. Work will not continue until the District Inspector has inspected and passed the electrical system.

The required material and work includes furnishing and installing the following:

1. Excavations, trenching and backfills.
2. Conduit encasement, and concrete requirements
3. Boring
4. Underground conduits, ducts, conduit fittings, and sealing compound
5. Transformer pads, junction pads, precast vaults, junction sleeves.
6. Marking tape over conduit
7. Secondary pullboxes.
8. Copperweld ground rods 5/8" x 10'
9. Guard posts
10. Pulling rope
11. Stub outs
12. Slopes
13. Retaining Walls
14. Clearances

All work shall follow the best modern practice both in the manufacturer and the installation of underground facilities. All work shall be done by artisans skilled in their various trades.

All rights-of-way determined necessary to extend electrical service to any project shall be the sole responsibility of the customer to acquire. For information regarding all real estate and right-of-way matters please contact the IID Real Estate Section: Imperial Valley (760) 339-9239 or Coachella Valley (760) 391-5950.

1. **Excavations, trenching and backfills:**

- A. It shall be the responsibility of the installation contractor to establish all grades (rough and final), bench marks, property corners, ties, fence lines, walls, property lines or other field references as required to install and verify the installation and location of power facilities.
- B. It shall be the responsibility of the installation contractor to establish the location and depth of all existing power system facilities and foreign substructures within the work area. The contractor shall also call the USA dig alert and keep up to date the one call ticket.
- C. Contractor/Developer shall review plans as soon as received from IID for possible conflicts or problems on locations of IID structures. Any revisions to original IID design will require additional engineering time and might cause additional delays to the project. It is the responsibility of the contractor to contact the appropriate IID Customer Service Project Manager.
- D. The installation contractor shall bear the responsibility for returning all excavated areas to at least 90% compaction. All testing to ensure 90% compaction and restoration of the work area to its former condition is the sole responsibility of the installation contractor. **(Refer to 2F)**
- E. Excavation for vaults, junction pads, secondary pullboxes and conduits shall be made to the proper depth **(Refer to 4B)**. After proper installation and inspection have been completed, compacted backfill shall be made to the finished level. All surplus excavation shall be disposed of in a satisfactory manner.
- F. Street light circuits, CATV, and telephone may be installed in the same trench; however, their relative position must be verified with each serving agency and installed to their specifications. **(Refer to Standard 100.41)**
- G. The contractor shall take due caution to keep from damaging other utility systems that have been installed and shall collaborate with other utilities that may be doing work in the same area **(Refer to 1B)**.
- H. All other utilities shall maintain no less than a 12" clearance from sub structures and underground equipment. **(Refer to Standard 100.41) (Refer to 2K)**
- I. Joint utility trench will be a minimum of 24" wide to ensure adequate separation between Power and Gas facilities. **(Refer to Standard 100.41)**
- J. Whenever possible Gas facilities will occupy the opposite side of the trench and be 12" above the power facilities. **(Refer to Standard 100.41) (Refer to 1H)**

Excavations, trenching and backfills Continued:

- G. Developer/contractor will be responsible for coordination of inspections while trench has IID utilities exposed. **(Refer to Joint Trench Indemnity Agreement IID-700E (6-07))**(Inspection schedules are subject to a minimum 48 hour advance notice and are by appointment only – La Quinta (760) 398-5828; Imperial (760) 482-3300).

- L. The developer shall be responsible for filling out and signing IID form 700E 6-07 Joint Trench Indemnity Agreement, contact the appropriate IID Customer Service Project Manager. **(Refer to Joint Trench Indemnity Agreement IID-700E 6-07)**

Underground conduits, ducts, conduit fittings, and sealing compound:

- A. Conduit runs shall not cross each other when on the same level and/or plane.
- B. Primary conduits shall be buried a minimum depth of four feet (4'). Secondary and service conduits shall be buried a minimum depth of two and one half feet (2½').
- C. Sizes and arrangements of conduits shall be as shown on the drawings.
- D. Where the external diameter of the conduit is smaller than the diameter of the opening in the vault wall, the reduction in conduit diameter shall take place two feet (2') from the external wall of the vault. **Refer to Drawing # 1**

Refer to Drawing 1 Vault side view, conduit reduction

- E. The maximum obtainable separation between power facilities and all other substructures shall be maintained at all times, 12" minimum when paralleling and 12" minimum when crossing encased in concrete. (12" minimum refers to compacted backfill)
- F. Conduit shall be: PVC heavy wall schedule 40 for below ground installation and schedule 80 for above ground installation. **(See conduit index table 2).**
- G. Conduit sweeps in duct runs shall not have less than a 12'-6" horizontal radius unless shown otherwise on the plans. **(See radius index (horizontal) table 4)**
- H. Conduit sweeps in vertical runs (pole risers and equipment risers) shall be installed in accordance with table 5.
- I. All 2", 3" service and/or secondary conduit (vertical) risers which enter buildings, service panels, secondary boxes, transformer pads, meter pedestals, etc., shall have a minimum 2'-0" radius, see riser sweep radius index (vertical) table 5.
- J. All 4" primary conduit (vertical) risers which enter transformer pads, primary metering panels, underground switch gear panels and pole risers, shall have a 4'-0" Radius for 4" duct, see riser sweep radius index (vertical) table 5.
- K. All 5", 6" primary conduit risers which enter transformer pads, primary metering panels, underground switch gear panels and pole risers, shall have a minimum of 4'-0" radius for 5" duct, and 5'-0" radius for 6" duct, see riser sweep radius index (vertical) table 5. Contact your IID Customer Service Project Manager for further instructions or questions.

Underground conduits, ducts, conduit fittings, and sealing compound continued:

- K. The installation contractor shall mandrel all conduit runs to and including service duct, IID shall provide the mandrel and inspector. **(Inspection schedules are subject to a minimum 48 hour advance notice and are by appointment only – La Quinta (760) 398-5828; Imperial (760) 482-3300).**

- L. The installation of the conduit system will be conducted by a single contractor or other entity to give the project continuity, reducing the possibility of deviations from the G.O. 128 regulations.

TABLES

Table 2 (Conduit Index)

CONDUIT INDEX Table 2								
CONDUIT DIAMETER	STRAIGHT BELOW GROUND	SWEEPS HORIZONTAL BELOW GROUND	POLE RISER SWEEP	STRAIGHT ABOVE GROUND	EQUIP SWEEP	TRANS PAD	SCONDRARY BOXES	METER PANELS
1"	SCH 40	SCH 40	SCH 80	SCH 80	SCH 40	SCH 40	SCH 40	SCH 40
2"	SCH 40	SCH 40	SCH 80	SCH 80	SCH 40	SCH 40	SCH 40	SCH 40
3"	SCH 40	SCH 40	SCH 80	SCH 80	SCH 40	SCH 40	SCH 40	SCH 40
4"	SCH 40	SCH 40	SCH 80	SCH 80	SCH 40	SCH 40	SCH 40	SCH 40
5"	SCH 40	SCH 40	SCH 80	SCH 80	SCH 40	SCH 40	SCH 40	SCH 40
6"	SCH 40	SCH 40	SCH 80	SCH 80	SCH 40	SCH 40	SCH 40	SCH 40

Table 4 (Conduit Radius Index -Horizontal-)

CONDUIT RADIUS INDEX (HORIZONTAL) Table 4			
PRIMARY			
CONDUIT DIA.	RADIUS	CONDUCTOR SIZE	PVC SCHEDULE
4"	12.5' Radius	1-1/0 Conductor	40
5"	12.5' Radius	3-1/0 Conductors	40
6"	25' Radius Typical	3-750 MCM Conductors	40
6"	*50' Radius as Specified	3-750 MCM Conductors	40

*Contact your IID Customer Service Project Manager for instructions

Table 5 (Riser Sweep Radius -Vertical-)

RISER SWEEP RADIUS INDEX (VERTICAL) TABLE 5						
SECONDARY Conduit Dia.	Radius	Pole Riser PVC SCH	Equip. Riser PVC SCH	Trans. Pad PVC SCH	Secondary PVC SCH	Meter Panels PVC SCH
2"	24" Radius	N/A	40	40	40	40
3"	36" Radius	80	40	40	40	40
4"	*36"-48" Radius	80	40	40	40	40
PRIMARY Conduit Dia.	Radius	Pole Riser PVC SCH	Equip. Riser PVC SCH	Trans. Pad PVC SCH	Secondary PVC SCH	Meter Panels PVC SCH
4"	48" Radius	80	40	40	N/A	N/A
5"	*48"-60" Radius	80	40	40	N/A	N/A
6"	60" Radius	80	N/A	N/A	N/A	N/A

*Contact your IID Customer Service Project Manager for instructions.

N/A = Not Applicable

6. Marking tape over conduit:

- A. Contractor shall install 2" line guard III tape, red in color with black lettering "CAUTION BURIED ELECTRIC LINE BELOW" **(See Standard 100.5)**
- B. Contractor will install a caution tape 12" above the power ducts. **(See Standard 100.5)**

7. Secondary pullbox:

Secondary pullboxes must be as shown on the drawings.

Surface secondary pullbox utilized in all Imperial Irrigation District secondary construction. Reference Standard **181.1 – 181.11**

8. Copperweld ground rods 5/8" x 10':

- A. To comply with General Order 128, rule 21.5A, the contractor is required to provide and install, a minimum of two (2) 5/8" x 10' Copperweld ground rods shall be installed at each transformer pad and junction pad, and primary vault. **(See Standards in 8C for detail)**
- B. The developer will be responsible for driving any and all ground rods in the system that is a joint trench. This will be predetermined and completed before IID construction crews arrive on the job.
- C. Trench and pad grounding:
Single phase transformer reference Standard **190.2-190.21**
Three phase transformer reference Standard **190.3-190.31**
Single phase sector reference Standard **190.4-190.41**
Three phase sector reference Standard **190.5-190.51**

9. Guard posts:

- A. Guard posts shall be 4" diameter pipe schedule 40 black cold rolled steel, painted high visibility yellow.

See Standard **181.6** for concrete fill/foundation requirements and typical location of posts around IID equipment.

10. Pulling rope:

A. In all duct runs, the installation contractor is to furnish and install the following:

Table 3 (Conduit Rope/Measured Rope Requirements for Primary Pulls)

CONDUIT ROPE/MEASURED ROPE REQUIREMENTS PRIMARY PULLS			
Rope Type	Conduit Length	Conduit which will contain Wire	Spare Conduits
a) Polyester ½"	501' - 1000'	No Splices	Splices Ok
b) Measuring Rope ½"	1' - 1000'	No Splices	Splices Ok

- a) Polyester rope usually yellow in color is acceptable
 - b) Measuring rope will have one foot (1') increments clearly marked.
- IID representative/inspector has final decision on type of rope to be utilized in conduit pulls.
Spare conduits may be filled with polyester rope with splices.
If pulling wire at a later date (any time after construction) Contractor is responsible and required to pull in new rope that has no splices
N/A = Not applicable

11. Stub outs:

Contractor shall obtain and install stub out markers comparable to the stub out marker indicated in Table 6.
Stubout conduit shall be a minimum of 10'. Refer to the job drawing for specific Stubout lengths.

Refer to Drawing 2 Stub out Detail

Table 6 (Stub Out Marker)

STUB OUT MARKER Table 6		
MANUFACTURE	PHONE NUMBER	PART NUMBER
ELECTROMARK	800-295-8247 ext. 222	POST-LX-1A-66R IMP065-G-RE-B41 IMP066-G-RE-RB1



Stub out Marker
66" x 4.25"






Front View
Top Portion



Back View
Top Portion





TRANSFORMER BANK-UG

-  UNDERGROUND TRANSFORMER, ABC
-  UNDERGROUND TRANSFORMER, A, B, AND C
-  SUBMERSIBLE

SURFACE STRUCTURE-UG

-  SECTOR CABINET
-  PEDESTAL
-  XFMR PAD
-  TRANSCLOSURE
-  CIRCUIT BRKR PAD
-  SWITCH AND CAPACITOR PAD



UNDERGROUND STRUCTURE-UG

-  SECONDARY PULLBOX
-  VAULT, SMALL
-  VAULT, MEDIUM
-  VAULT, LARGE






SWITCH CABINET-UG

-  SWITCH CABINET
-  UNDERGROUND SWITCH
-  ELBOW/T-BODY ELBOW (SCALED UP)



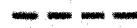

CAPACITOR BANK-UG

-  UNDERGROUND CAPACITOR
-  INDICATES AREA TO BE CONCRETE ENCASED








PRIMARY UG CONDUCTOR

-  SINGLE PHASE PRIMARY UNDERGROUND
-  TWO PHASE PRIMARY UNDERGROUND
-  THREE PHASE PRIMARY UNDERGROUND
-  THREE PHASE PARALLEL PRIMARY UNDERGROUND
-  BUS BAR

SECONDARY-UG-CONDUCTOR

-  SINGLE PHASE SECONDARY UNDERGROUND
-  THREE PHASE SECONDARY UNDERGROUND
-  UNDERGROUND SERVICE
-  UNDERGROUND STREETLIGHT CONDUCTOR




POLE

-  WOOD POLE
-  H-FRAME, 2 POLE
-  H-FRAME, 3 POLE
-  NON-WOOD POLE
-  SL STANDARD
-  VIRTUAL POLE
-  STEEL TOWER



FUSES

-  OVERHEAD FUSE





MISCELLANEOUS FEATURE

-  RISER
-  FAULT INDICATOR
-  REMOTE CURRENT SENSOR

MISC NETWORK FEATURE

-  OPEN POINT
-  DOUBLE DEAD END JUMPER




TRANSFORMER BANK-OH

-  OVERHEAD TRANSFORMER, A, B, AND C
-  OVERHEAD TRANSFORMER, AB,AC,BC
-  OVERHEAD TRANSFORMER, ABC
-  STEP TRANSFORMER





CAPACITOR BANK-OH

-  OVERHEAD CAPACITOR

LIGHT

-  SECURITY LIGHT/STREET LIGHT
-  STREET LIGHT ON STEEL STRUCTURE
-  STREET/RURAL LIGHT ON WOOD POLE






DYNAMIC PROTECTIVE DEVICE BANK

-  CIRCUIT BREAKER
-  CLOSED OPEN
-  RECLOSER
-  SECTIONALIZER

REGULATOR BANK

-  REGULATOR BANK

SWITCH

-  OVERHEAD SWITCH-GANG & NON-GANG
-  OVERHEAD SWITCH GANG
-  OVERHEAD SWITCH NON-GANG
-  AUTOMATIC TRANSFER
-  SUBSTATION SWITCH





SERVICE LOCATION

-  SERVICE POINT
-  PRIMARY METER






SUBSTATION

-  SUBSTATION





GENERATOR

-  GNC
-  PHOTO VOLTAIC
-  SOLAR
-  WIND





DOWN GUY


-  DOWN GUY, SINGLE DOWN GUY
-  DOWN GUY, TWO DOWN GUY
-  DOWN GUY, THREE DOWN GUY
-  SIDEWALK GUY
-  SPAN GUY, # SYMBOL REPRESENTS # OF GUYS

PRIMARY-OH-CONDUCTOR

-  SINGLE PHASE PRIMARY OVERHEAD
-  TWO PHASE PRIMARY OVERHEAD
-  THREE PHASE PRIMARY OVERHEAD
-  SUBSTATION BUS BAR

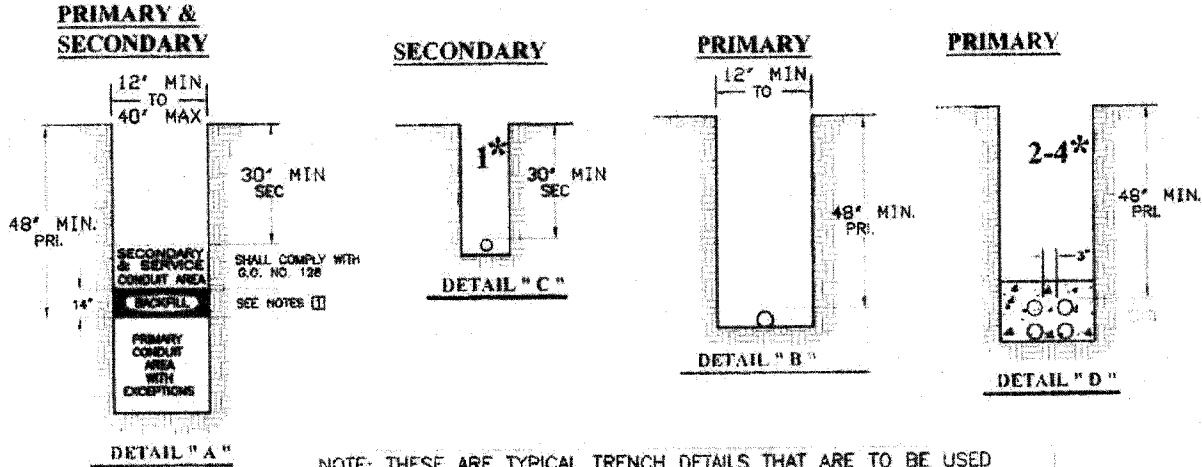
SECONDARY-OH-CONDUCTOR

-  SINGLE PHASE SECONDARY UNDERGROUND
-  THREE PHASE SECONDARY UNDERGROUND
-  OVERHEAD SERVICE
-  OVERHEAD STREETLIGHT CONDUCTOR

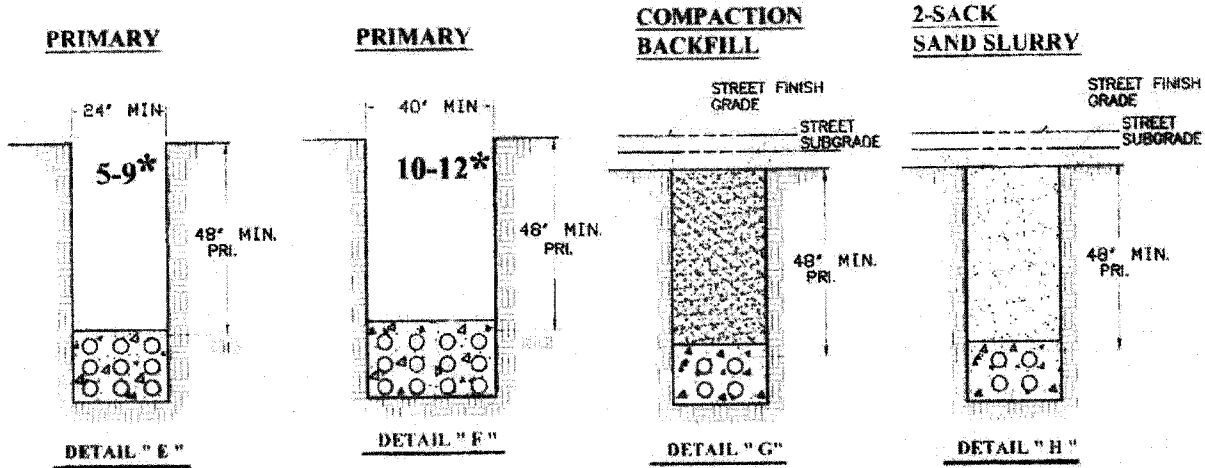
IID UNDERGROUND DISTRIBUTION STANDARDS					
IID ELECTRIC SYMBOL LEGEND					
N.T.S.	REV 4	08-18-09	M. GAPPINGER <i>MVB</i>	T. KING <i>TK</i>	
SCALE	REV. No.	DATE	CHAIRMAN/STANDARDS	APPROVED	

100.3

45



NOTE: THESE ARE TYPICAL TRENCH DETAILS THAT ARE TO BE USED FOR STACK FORMATION PURPOSES ONLY. MIN. DEPTH WILL BE (PRI. 48", SEC. 30") AT ANY DEPTH.



GENERAL INSTALLATION NOTES

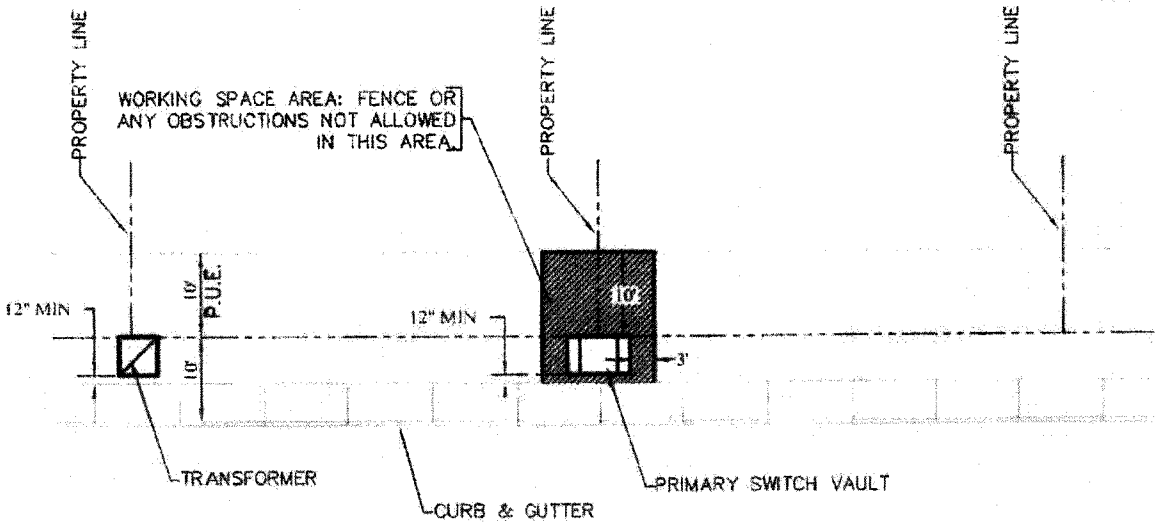
1. USE PLASTIC SPACERS THAT PROVIDE 3" SEPARATION.
2. PLASTIC SPACERS SHALL BE USED ON CONDUIT RUNS TO BE CONCRETE ENCASED BOTH AS SINGLE OR BANKED INSTALLATIONS AND ON DUCT BANKS NOT ENCASED. (REFER TO CONTRACTORS NOTE 2C.)
3. CONDUIT RUNS SHALL NOT CROSS EACH OTHER WHEN ON THE SAME LEVEL AND/OR PLANE. (REFER TO CONTRACTORS NOTE 4A.)
4. THE MAXIMUM OBTAINABLE SEPARATION BETWEEN POWER FACILITIES AND ALL OTHER SUBSTRUCTURES SHALL BE MAINTAINED AT ALL TIMES. 12" MIN. WHEN PARALLELING AND 12" MIN. WHEN CROSSING ENCASED IN CONCRETE.
5. WHEN CONCRETE ENCASEMENT IS SPECIFIED ON THE JOB, ENCASEMENT SHALL BE A 3 SACK MIX (2000 PSI) WITH SAND SLURRY WILL BE USED BELOW STREETS, PARKING LOTS, DRIVEWAYS, AND SIDEWALKS. WHEN STREETS, PARKING LOTS, DRIVEWAYS, AND SIDEWALKS DO NOT EXIST OVER THE DUCT SYSTEM, A 2 SACK SAND SLURRY MAY BE USED. REFER TO NOTE #4 CONTRACTOR NOTES STANDARD PAGE NUMBER 100.1
6. ENCASE IN CONCRETE 3" ENVELOPE WHERE REQUIRED. SEE CONDUIT LAYOUT SHEETS (JOB COPY) FOR LOCATION OF CONCRETE TRENCHES.
7. LINE GUARD TAPE REQUIRED IN ALL TRENCHES. SEE STANDARD 100.5

*IDENTIFY # OF CONDUITS

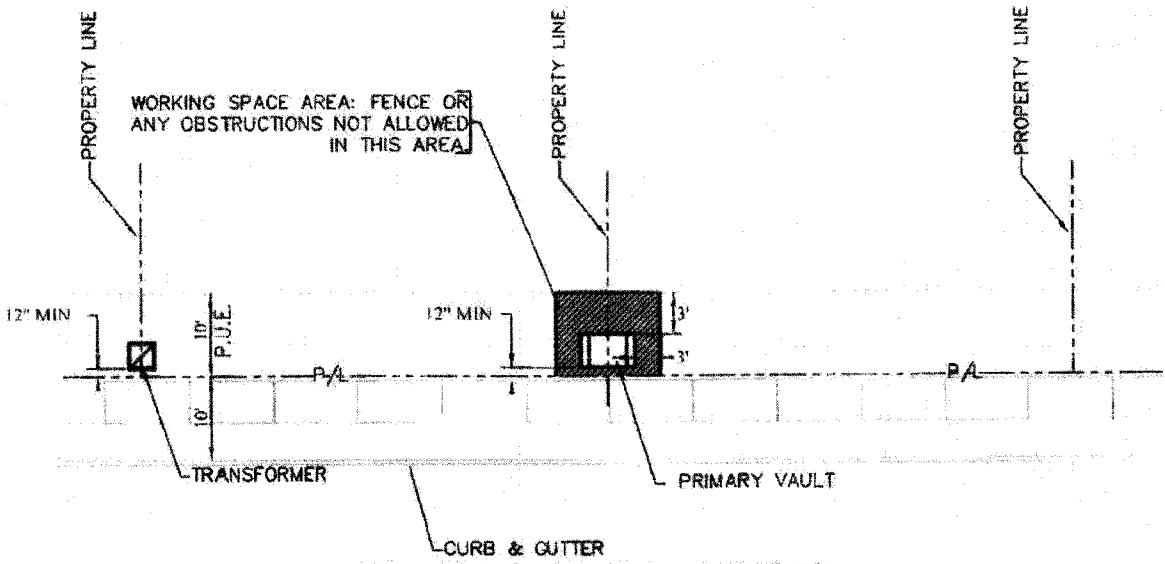
LEGEND

- CONDUIT
- ▒ 3 SACK MIX SAND SLURRY
- ▒ 2 SACK SAND SLURRY
- ▒ 90% COMPACTION BACKFILL

	IID UNDERGROUND DISTRIBUTION STANDARDS				
	TRENCH DETAILS				
T. KING APPROVED	M. GAFFNER CHAIRMAN/STANDARDS	11-10-09 DATE	REV 04 REV. No.	N.T.S. SCALE	



CURB, GUTTER, SIDEWALK, PARKWAY



CURB, GUTTER, PARKWAY, SIDEWALK

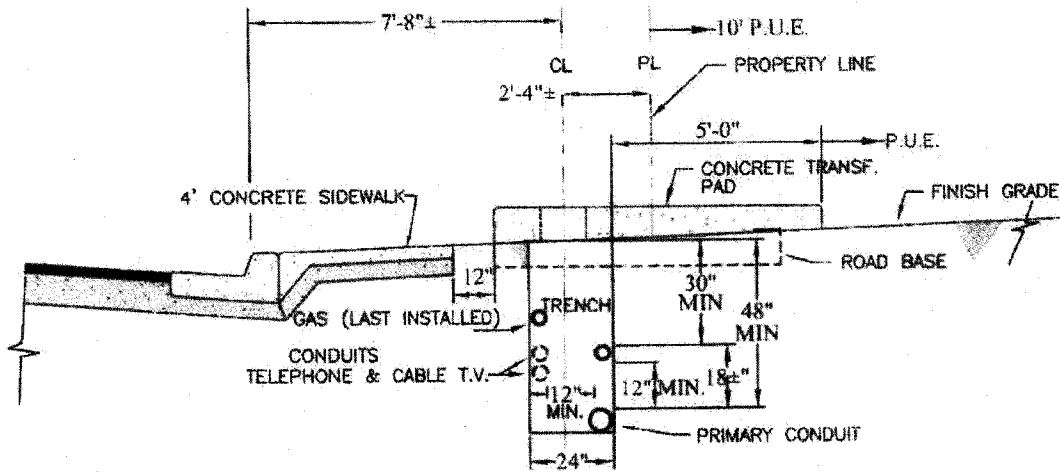
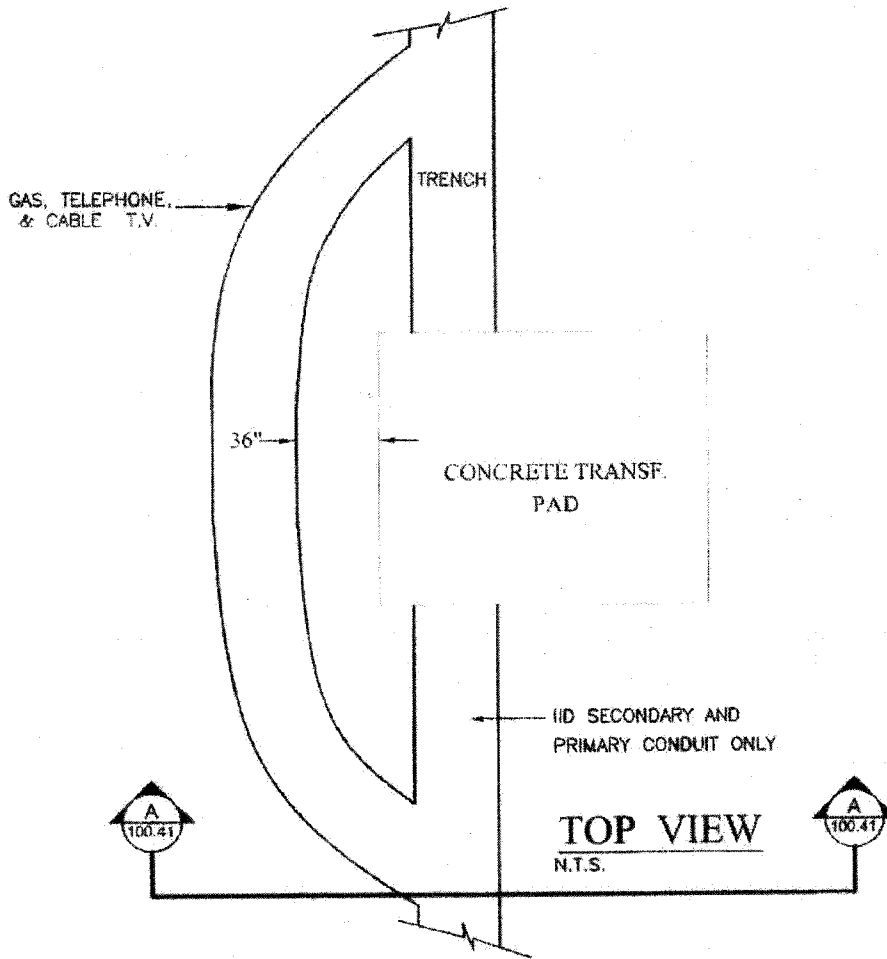
NOTES:

1. Any/All installations of IID facilities within any public street right-of-way shall be done via encroachment permit from local jurisdiction agency, i.e. City, County, etc.;
2. Any/All installations of IID facilities within a dedicated Public Utility Easement (P.U.E.) shall be made in accordance with P.U.E. as shown on said (subdivision) map, i.e. 10' P.U.E. adjacent to public street right-of-way, etc.;
3. Any/All installations of IID facilities within private property shall be done via easement or other satisfactory authorization from vested owner of said property.


Please consult IID Real Estate Section for clarification concerning the above, at (760)339-9239.

IID UNDERGROUND DISTRIBUTION STANDARDS						
IID FACILITY INSTALLATION						
1"=20'	REV 05	11-19-09	M. GAPPINGER <i>MG</i>	T. KING <i>TK</i>		
SCALE	REV. No.	DATE	CHAIRMAN/STANDARDS	APPROVED		

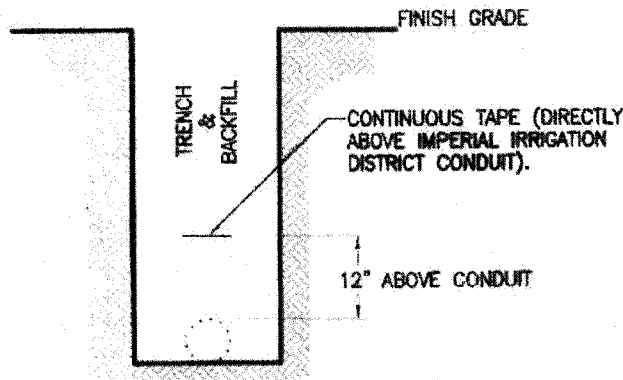
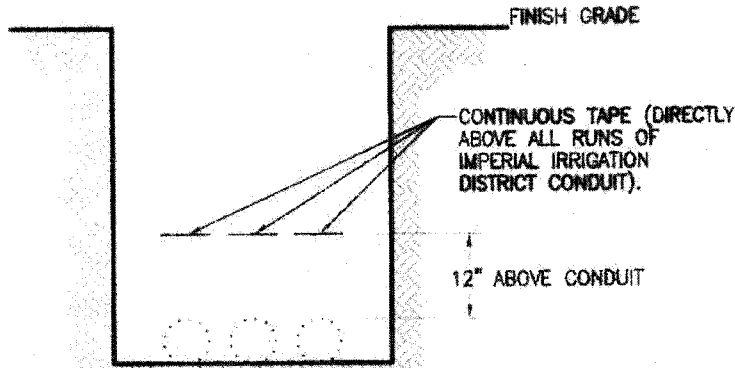
100.41



SECTION VIEW A - A

	IID UNDERGROUND DISTRIBUTION STANDARDS				
	JOINT UTILITY (GAS INCLUDED)-TRENCH DETAIL, CURB, GUTTER, SIDEWALK, 10FT. PARKWAY WITH 10 FT. P.U.E.				
	T. KING APPROVED	M. GAPPINGER CHAIRMAN/STANDARDS	11-08-08 DATE	REV 05 REV. No.	1/8"=1'-0" SCALE


100.5

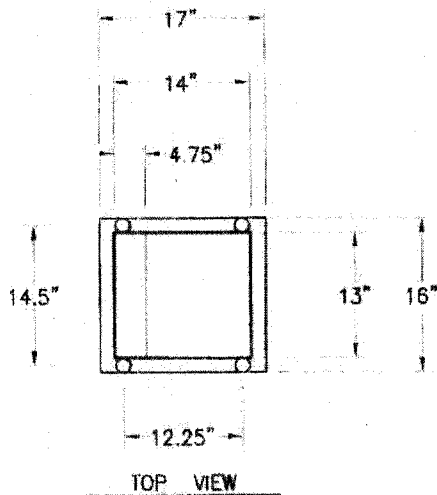
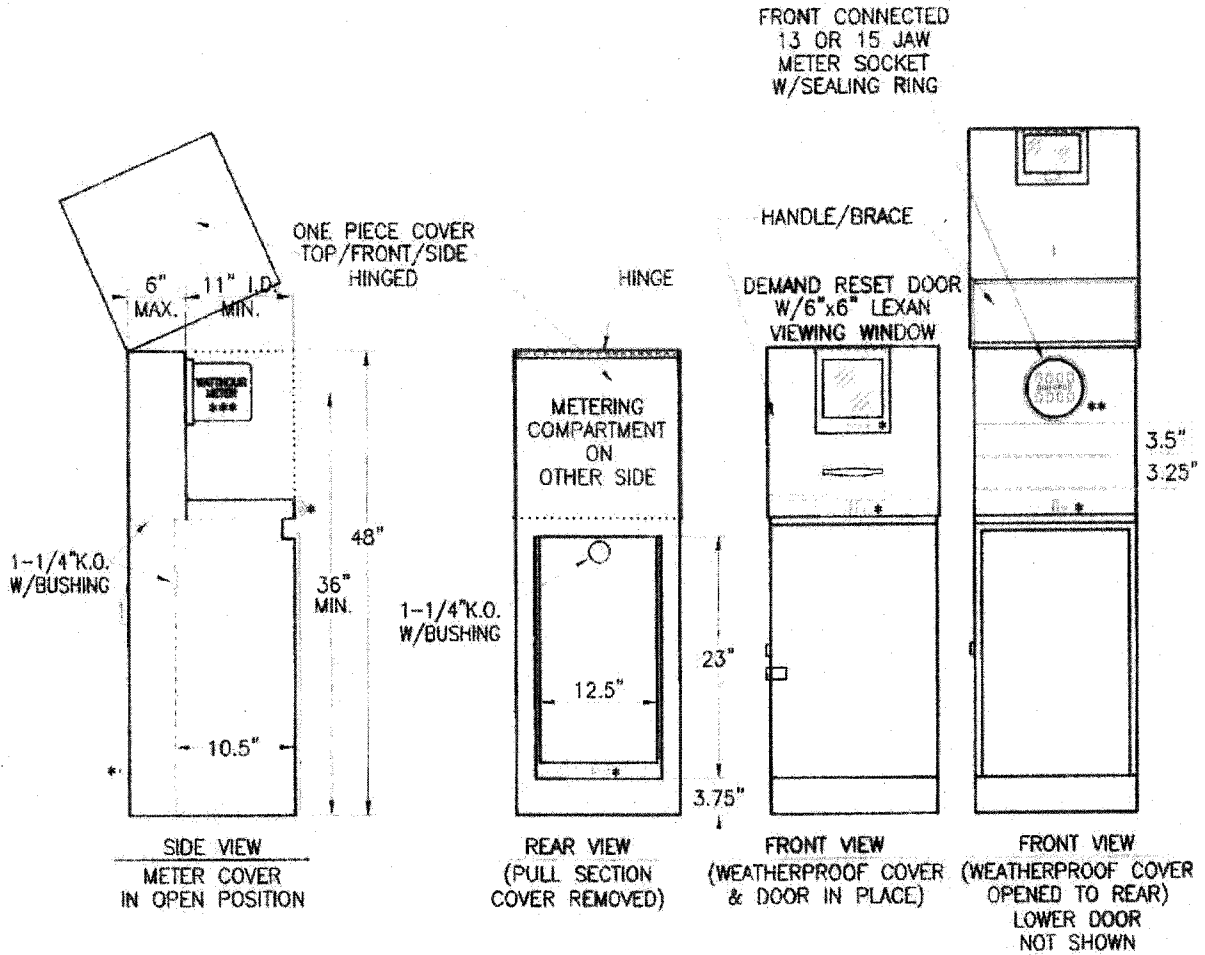


TYPICAL TRENCH DETAIL
W/LINEGUARD III TAPE OR EQUAL

NOTE:

1. INSTALL LINE GUARD III TAPE (RED, MINIMUM 2" WIDE).
"CAUTION: BURIED ELECTRIC LINE BELOW".
TAPE TO BE FURNISHED & INSTALLED BY CONTRACTOR.
2. TAPE INSTALLED 12" ABOVE HIGHEST PRIMARY OR SECONDARY IMPERIAL IRRIGATION DISTRICT CONDUIT TRENCH.

	IID UNDERGROUND DISTRIBUTION STANDARDS				
	LINE GUARD III TAPE				
	T. KING APPROVED	TIC	M. GAFFNER CHAIRMAN/STANDARDS	18-07-08 DATE	REV 04 REV. No.



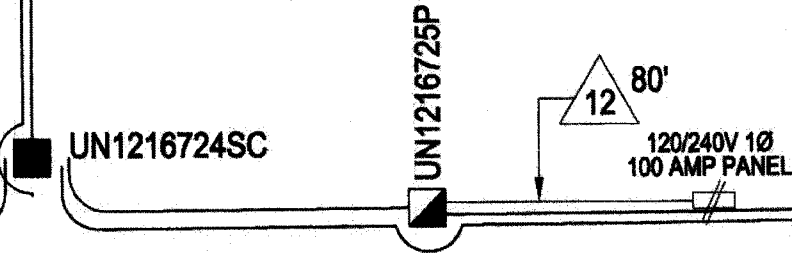
NOTE:
* - PADLOCKABLE & SEALABLE
** - SEALABLE

COMMERCIAL REMOTE METER PEDESTAL
0-600V SINGLE OR THREE PHASE

IID UNDERGROUND DISTRIBUTION STANDARDS						
COMMERCIAL REMOTE METER PEDESTAL						
0-600V SINGLE OR THREE PHASE						
N.T.S.	REV 04	07-08-09	M. GAPPINGER	TK	T. KING	TK
SCALE	REV. No.	DATE	CHAIRMAN/STANDARDS		APPROVED	

CONTRACTOR/DEVELOPER
CAUTION: ENERGIZED STRUCTURE & CABLE :
DO NOT PERFORM ANY WORK ON OR AROUND
STRUCTURE UN1216725P. A QUALIFIED IID
ELECTRICAL WORKER MUST ON SITE BEFORE ANY
AND ALL WORK IS PREFORMED ON OR AROUND
ENERGIZED STRUCTURES. PLEASE CONTACT
THE IID INSPECTION DESK @ 760-398-5828

OLD HARBOUR DR



FRED WARING DR

CONDUIT NOTES:

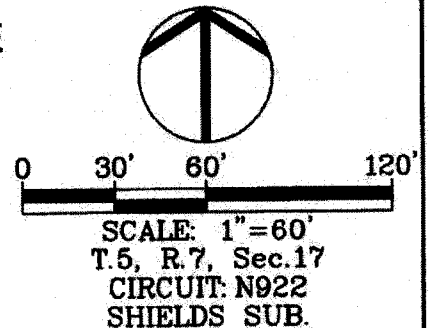
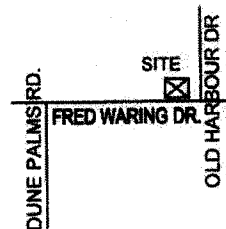
1) TYPICAL TRENCH DETAIL FOR ALL SERVICES AND SECONDARY RUNS.

IN: 1-2" PVC CND SCH.40 FOR SEC PER SHOWN LENGTH.

TRENCHING NOTES:

TYPICAL: CONTRACTOR SHALL INSTALL 2" LINE GUARD TAPE (RED)
 "CAUTION: BURIED ELECTRIC LINE BELOW."
 SEE SHEET 29 & 49 OF DEVELOPERS PLANNING GUIDE

VICINITY MAP NOT TO SCALE



SCALE: 1"=60'
 T.5, R.7, Sec.17
 CIRCUIT: N922
 SHIELDS SUB.

SERVICE NOTIFICATION 4015796 SERVICE ORDER# 60083041 SHEET 1 OF 1

REVISION CHART			
DATE	REV.#	BY:	DESCRIPTION
-	-	-	-



IMPERIAL IRRIGATION DISTRICT
IID ENERGY
 UNDERGROUND DISTRIBUTION
 for
 COUNTY OF RIVERSIDE
 TRANSPORTATION DEPT.
 62481 MONROE ST.
 INDIO, CA 92233
 CONDUIT LAYOUT

Call: TOLL FREE
 1-800
 227-2600
 TWO WORKING DAYS
 BEFORE YOU DIG

DRAWN: S. SALADO

DATE: 08/08/2013

CHECKED BY: M. BRUNO

FILE NAME: 4015796

8-14-13

Addendum No. 2

Fred Waring Drive

Roadway Improvements

from Adams Street to Port Maria Road

in the City of La Quinta and Bermuda Dunes area

Project No. B5-0689

State Aid No. SLPPCL13-5956(220)

ATTACHMENT "C" CONTRACTOR QUESTIONS AND RESPONSES

The Questions and Responses information document is available on the County website at the following link during the advertisement period for this project:

http://www.tlma.co.riverside.ca.us/trans/con_bid_advertisements.html

This (downloadable) file is provided for reference only. For any discrepancy written on this Questions and Responses document, the Contractor shall conform to the contract documents.

CONTRACTOR QUESTIONS AND RESPONSES

1	Question	On Page 48 of the Special Provisions, it states that the Compensation Adjustment For Price Index Fluctuations only applies to Item Code 390132, Hot Mix Asphalt Type A. Could this also apply to Item Code 013901, Asphalt Rubber Hot Mix and the SS-1H Tack Coat?
	Response	See Addendum 1, Price index fluctuations is also applicable to item code 01390.
2	Question	On Page 39, it states that the HMA Type A will be either ¾" or ½" aggregate? Since the HMA will be the base course of the roadway, is it the County's intention to use all ¾" mix?
	Response	See Addendum 1 for revised provisions. HMA type A will have ¾" aggregate.
3	Question	The specifications for HMA in Section 39 (Pages 37 – 49) address HMA Type A, however the Specifications do not address specifics in relation to the Rubberized Asphalt, including installation type (method, standard or QA/QC), aggregate size, or oil type (PG...).
	Response	See Addendum 1 for revised provisions; rubberized hot mix asphalt specs are included.
4	Question	Are there digital files or cross sections available in order to do an accurate earthwork takeoff?
	Response	See Addendum 1
5	Question	Please indicate items of payment for the Transition Structures, as shown on the plans (Sheets 39 to 43 of 123).
	Response	See Addendum 1, revised proposal.
6	Question	The existing driveways for 79400 / 79420 Fred Waring are called out on the plans to be removed (Pavers / Concrete), but does not state what is to be put back in its place. Please review and confirm finish/texture of materials to go in these locations.
	Response	See Addendum 1. By agreement with the County, these two homeowners will construct their own driveway surface finishes. The Contractor will rough grade to the contours shown.
7	Question	On Plan Sheet C-8. The existing retaining wall is called out to have soil nails installed. Could you please provide additional information for this work (embed length, spacing, etc....)? Please also provide additional information (dimensions) for the proposed slough wall.
	Response	See Addendum 2. Plan Sheet C-8 is replaced. The details for retrofitting this wall is revised. Additionally, soil nails are no longer being considered for use on this wall.
8	Question	On Plan Sheet C-12. The proposed block wall on the elevation view does not seem to accurately reflect the plan view. The plan view shows an opening for the driveway between stations 73+05.18 to 78+23.85 and the elevation view shows the wall continuous at the same location. Please review.
	Response	See revised plan sheet issued by Addendum 1.

CONTRACTOR QUESTIONS AND RESPONSES

9	Question	Please review Bid Item #47 (Minor PCC, Concrete Strip). We have come up with nearly double the quantity.
	Response	See Addendum 1, revised proposal. Bid Item 47 is for the 1' wide concrete strip behind the Type "C" curb. The revised proposal Bid includes a new Bid item 147, "Minor Concrete (Continuous Reinforced Concrete Strip)" to cover the 24" wide concrete strip between the AC pavement and the stamped colored concrete.
10	Question	On Sheet L-1 at Chapelton Drive, the plans call out for Curb Ramps that conform to Caltrans Case F (Plan Note 7), however on Sheet C-16, these same ramps are called out as Riverside County Case B (Plan Note 23). Please clarify what type of ramp is to be installed at this location.
	Response	There are two types of ramps to be installed at each corner. Please refer to the detail on sheet C-16 which shows that both types (Plan Notes 7 and 23) are to be constructed.
11	Question	On Sheet C-24, Section A-A calls out for 6' x 6' – 10 gauge wire mesh. Should this be 6" x 6" – 10 gauge wire mesh?
	Response	See Addendum 1. Sheet C-24 is replaced to clarify the unit of measurement. (Note: this sheet has been replaced by Addendum 2.)
12	Question	Is the 24" wide concrete strip shown in Section A-A colored concrete or standard gray? If it is colored concrete, what color shall be used?
	Response	The 24" wide concrete strip is to be integrally colored with color matching the stamped colored concrete pavement.
13	Question	On Sheet C-1, the plans have the driveway at 79140 Fred Waring crossed out with a note that states "not a part" and to use the temporary driveway and retaining wall behind curb details on Sheet C-24. Please verify that no new concrete driveway will be installed at 79140 Fred Waring Drive. If a temporary AC driveway and retaining wall is to be installed, where is this work to be paid?
	Response	See Addendum 1. The County has recently reached agreement with the property owners and the parcel improvements will now be part of the project. The revised plans and specs are part of the Addendum 1.
14	Question	The driveways on Sheets C-1, C-2, C-8 & C-9 call for Colored Concrete. Please specify the color to be used on these driveways.
	Response	The color of the driveway shall reasonably match the existing portion of driveway per Section 15-2.04G of the Special Provisions. Contractor will have to make the color choices and provide 24"x24" mockup to Engineer for approval.
15	Question	The driveway at 79260 Fred Waring Drive (Sheet C-7) calls for Brick Accent Strips. Please provide a detail.
	Response	See Addendum 1. (Match the existing brick accent strips.)
16	Question	The driveway at 79480 Fred Waring Drive calls out for colored concrete and random areas of Stamped Concrete. Please specify a color to be used on this driveway. Also, is this to be paid under Item 85 (Plan Note 15) or under item 87 (Plan Note 16)?
	Response	The color and texture of the driveway shall reasonably match the existing portion of driveway per Section 15-2.04G of the Special Provisions. Contractor will have to make the color and texture choices and provide 24"x24" mockup to Engineer for approval.

CONTRACTOR QUESTIONS AND RESPONSES

17	Question	Plan note 36 calls for 12" curb and gutter (Per Detail on Sheet C-17) on the south side of Fred Waring near Dune Palms. There is no bid item for 12" curb and gutter. Where is this work to be paid?
	Response	See Addendum 2, revised proposal.
18	Question	Plan note 40 calls for a 6" curb and reverse gutter and plan note 41 calls for a curb and reverse gutter transition at the entrance to La Quinta Palms. There are no bid items for this work. Where is this work to be paid?
	Response	See Addendum 2, revised proposal.
19	Question	Will the County issue cross sections for the work?
	Response	See Addendum 2, Cross Sections are provided as supplemental project information.
20	Question	Bid Item 144 is for Imperial Irrigation District Improvements and Page 53 of the Special Provisions state that the Contractor shall perform all work that is designated to be performed by the County, as shown on the IID electrical plans. When I downloaded the documents online, it is noted that Sheet 40 of 40 is not included. When IID issues their service orders, the last page is typically the plan sheet for the work (in this case Page 40), with Pages 1 through 39 detailing out the plan shown on the last page (Page 40). It appears that the plan for the IID electrical work is missing, therefore we are unable to price a scope for Bid Item 144. Please advise.
	Response	See Addendum 2, Page 40 is added to the document.
21	Question	On Page 4 of the Special Provisions, it states that the Contractor shall provide traffic control as required to support the utility work shown in the table on the same page. Will this utility work be done in conjunction with the staging plans included in the plan set? Since we don't have plans or a scope, we are unable to price any additional traffic control beyond what is already identified in the plan set.
	Response	Utility relocation plans are provided as supplemental project information.
22	Question	On Page 19 and 20 of the Special Provisions it has a table titled "Utility Relocation and Contractor Arranged Time for the Relocation." No time is given in this chart. What are the timeframes required for this work, will all work be done concurrently, and will the work be done in conjunction with the staging plans included in the plan set? How much time on the Critical Path shall be allowed for the utility work outlined in the Special Provisions?
	Response	Contractor is to coordinate the relocation activities with the utility companies and provide suitable work windows. Utility relocation plans are provided as supplemental project information.
23	Question	At 79400 Fred Waring and at the entrance to La Quinta Palms there are existing driveway pavers to be removed. There is no line item for the removal of these pavers. What line item is the removal paid under and are they to be salvaged or just removed/hailed off?
	Response	They are to be removed and hauled off. See Addendum 2, revised proposal.
24	Question	Where is the Electrical Street Lighting shown on Page 123 of 123 (Page E-8) paid?
	Response	See Addendum 2, revised proposal.

CONTRACTOR QUESTIONS AND RESPONSES

25	Question	Sheet C-24 has a note that calls out for "Type B Compression Seal per Caltrans Standard Plan P20 (Typical)". Please specify which joints receive this joint seal. There is a significant cost difference between the Type A & Type B joint seals and Type B is only typically used on bridge decks. Please verify if Type A is acceptable and specify the joints in which it is to be placed.
	Response	The joint seals have been revised to meet Caltrans Revised Standard Plan RSP P20.
26	Question	In regards to the joint seal, it is incidental to Bid Item 45 and only has a "typical" note. Could the County provide a quantity of joint seal or add a line item via addenda so that all contractors are bidding the same quantity of joint seal.
	Response	The length of joint seals will be based on the transverse contraction joints. The updated sheet C-24 in Addendum 2 will provide further guidance.
27	Question	Would liquid sealant per Standard Plan P20 be acceptable in lieu of compression seal for this application
	Response	Liquid sealant is acceptable.