

**Clinton Keith Road Construction Project - Phase 2**  
**From Whitewood Road to Leon Road**  
**In the City of Murrieta and French Valley Area**  
**Project No. B2-04722**  
**REVISED PROPOSAL (4-Lane Option)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>ALTERNATE BID SCHEDULE 2: CLINTON KEITH ROAD, 4-LANE OPTION</b>						
133	016101	OBTAIN ENCROACHMENT PERMIT	FA	1	5,000.00	5,000.00
134	017101	MANHOLE (RCFC & WCDS MH 251)	EA	11		
135	017103	MANHOLE (RCFC & WCDS MH 252)	EA	6		
136	017701A	MODIFIED MANHOLE 1	EA	4		
137	017701B	MODIFIED MANHOLE 2	EA	2		
138	017105	JUNCTION STRUCTURE (RCFC & WCDS JS 227)	EA	17		
139	017114	TRANSITION STRUCTURE (RCFC & WCDS TS 303)	EA	1		
140	017305	MINOR CONCRETE (TYPE A-8 CURB) (CRS 201)	LF	12,316		
141	017306	MINOR CONCRETE (CURB RAMP) (CRS 403)	EA	7		
142	017309	MINOR CONCRETE (TYPE "D" CURB) (CRS 204)	LF	1,273		
143	019902	COURSE OF CONSTRUCTION INSURANCE	LS	1		
144	<b>000001</b>	<b>ITEM DELETED BY ADDENDUM No. 5</b>	----	----	----	----
145	066102	DUST ABATEMENT	LS	1		
146	066105	RESIDENT ENGINEERS OFFICE	LS	1		
147	066610	PARTNERING	LS	1		
148	070010	PROGRESS SCHEDULE (CRITICAL PATH)	LS	1		
149	070030	LEAD COMPLIANCE PLAN	LS	1		
150	071321	TEMPORARY FENCE (TYPE CL-6)	LF	908		
151	071325	TEMPORARY FENCE (TYPE ESA)	LF	2,770		
152	074016	CONSTRUCTION SITE MANAGEMENT	LS	1		
153	120090	CONSTRUCTION AREA SIGNS	LS	1		
154	120100	TRAFFIC CONTROL SYSTEM	LS	1		
155	120165	CHANNELIZER (SURFACE MOUNTED)	EA	17		
156	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1		
157	150606	REMOVE FENCE (TYPE BW)	LF	1,197		
158	150608	REMOVE CHAIN LINK FENCE	LF	3,179		

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**REVISED PROPOSAL (4-Lane Option)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>ALTERNATE BID SCHEDULE 2: CLINTON KEITH ROAD, 4-LANE OPTION</b>						
159	150608A	REMOVE WROUGHT IRON FENCE	LF	185		
160	000003	REMOVE CHAIN LINK FENCE (SLATTED)	LF	285		
161	150662	REMOVE METAL BEAM GUARD RAIL	LF	110		
162	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	7,913		
163	150712	REMOVE PAINTED PAVEMENT MARKING	SQFT	1,104		
164	150742	REMOVE ROADSIDE SIGN	EA	12		
165	150771	REMOVE ASPHALT CONCRETE DIKE	LF	35		
166	152353	RECONSTRUCT IRRIGATION SYSTEM (TROI VALLEY)	LS	1		
167	152390	RELOCATE ROADSIDE SIGN	EA	3		
168	153103	COLD PLANE AND ASPHALT CONCRETE PAVEMENT	SQYD	<b>632</b>		
169	153130	REMOVE CONCRETE CURB	LF	77		
170	153121	REMOVE CONCRETE (CURB AND GUTTER)	LF	348		
171	153218	REMOVE CONCRETE SIDEWALK	SQFT	1,534		
172	153242A	REMOVE CONCRETE (CURB RAMP)	EA	1		
173	160101	CLEARING AND GRUBBING	LS	1		
174	170101	DEVELOP WATER SUPPLY	LS	1		
175	(F) 190101	ROADWAY EXCAVATION	CY	<b>429,067</b>		
176	<b>190160</b>	<b>ROCK EXCAVATION</b>	CY	70,000		
177	(F) 192003	STRUCTURE EXCAVATION (BRIDGE)	CY	954		
178	(F) 192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	7,991		
179	(F) 193003	STRUCTURE BACKFILL (BRIDGE)	CY	585		
180	(F) 193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	6,548		
181	(F) 193031	PERVIOUS BACKFILL (RETAINING WALL)	CY	341		
182	198205A	SUBGRADE ENHANCEMENT GEOTEXTILE (MULTI-AXIAL)	SQYD	72,678		
183	201600A	CONCRETE PAVER (TURFSTONE)	<b>SQFT</b>	<b>1,800</b>		
184	203031	EROSION CONTROL (TYPE D)	SQFT	22,486		
185	204099	PLANT ESTABLISHMENT WORK	LS	1		
186	210250	EROSION CONTROL (BONDED FIBER MATRIX WITH SEEDS)	SQFT	996,422		
187	210350	FIBER ROLLS	LF	73,420		

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Note: See 'Instructions to Bidders' item 16, Like Bid Items. "Like Bid Item" bidding requirement does not apply to this project.

**REVISED PROPOSAL (4-Lane Option)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>ALTERNATE BID SCHEDULE 2: CLINTON KEITH ROAD, 4-LANE OPTION</b>						
188	210430B	HYDROSEED (WILDLIFE OVERCROSSING)	SQFT	137,692		
189	210430C	HYDROSEED (RIPARIAN AREA)	SQFT	<b>25,102</b>		
190	220101	FINISHING ROADWAY	LS	1		
191	260203	CLASS 2 AGGREGATE BASE	CY	19,701		
192	270014	CEMENT TREATED BASE (PLANT-MIXED, CLASS A) [BUS TURNOUT]	CY	143		
193	390129	HOT MIX ASPHALT (TYPE C)	TON	14,812		
194	390132	HOT MIX ASPHALT (TYPE A)	TON	9,900		
195	405030	PORTLAND CEMENT CONCRETE [BUS TURNOUT]	CY	204		
196	490603	24" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	<b>3,621</b>		
197	490617	90" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	<b>374</b>		
198	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	1		
199	(F) 510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	313		
200	(F) 510053	STRUCTURAL CONCRETE, BRIDGE	CY	4,342		
201	(F) 510060	STRUCTURAL CONCRETE (RETAINING WALL)	CY	<b>1,437</b>		
202	(F) 510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	293		
203	(F) 510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	<b>236</b>		
204	510502A	MINOR CONCRETE (RETAINING WALL)	CY	26		
205	(F) 510526	MINOR CONCRETE (BACKFILL)	CY	9		
206	<b>(F) 511035</b>	FRACTURED <b>BASALT</b> TEXTURE	SQFT	11,433		
207	519092	JOINT SEAL ASSEMBLY (MR=2 1/2")	LF	273		
208	(F) 519200A	WILDLIFE OVERCROSSING AND RETAINING WALL SYSTEM	LS	1		
209	519205A	WILDLIFE UNDERCROSSING SKYLIGHT	EA	6		
210	(F) 520102	BAR REINFORCING STEEL (BRIDGE)	LB	1,233,974		
211	(F) 520103	BAR REINFORCING STEEL (RETAINING WALL)	LB	161,977		
212	560252	FURNISH SINGLE SHEET ALUMINUM SIGN (0.80" - FRAMED)	SQFT	377		
213	566011	ROADSIDE SIGN - ONE POST	EA	69		
214	586001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	3		
215	598001	ANTI-GRAFFITI COATING	SQFT	11,433		
216	641125	36" PLASTIC PIPE	LF	428		

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Note: See 'Instructions to Bidders' item 16, Like Bid Items. "Like Bid Item" bidding requirement does not apply to this project.

**REVISED PROPOSAL (4-Lane Option)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>ALTERNATE BID SCHEDULE 2: CLINTON KEITH ROAD, 4-LANE OPTION</b>						
217	650411	18" REINFORCED CONCRETE PIPE (CLASS IV)	LF	<b>1,088</b>		
218	650416	24" REINFORCED CONCRETE PIPE (CLASS IV)	LF	4,566		
219	650420	30" REINFORCED CONCRETE PIPE (CLASS IV)	LF	1,103		
220	650424	36" REINFORCED CONCRETE PIPE (CLASS IV)	LF	1,958		
221	650440	60" REINFORCED CONCRETE PIPE (CLASS IV)	LF	534		
222	650480A	36" WILDLIFE CULVERT	LF	415		
223	650432	48" REINFORCED CONCRETE PIPE (CLASS IV)	LF	234		
224	665117	18" BITUMINOUS COATED STEEL PIPE (0.079" THICK)	LF	305		
225	665136	36" BITUMINOUS COATED STEEL PIPE (0.079" THICK)	LF	134		
226	665137	36" BITUMINOUS COATED STEEL PIPE RISER (0.109" THICK)	LF	24		
<b>226.A</b>	<b>692007</b>	<b>18" ENTRANCE TAPER</b>	<b>EA</b>	<b>5</b>		
227	703233	GRATED LINE DRAIN	LF	79		
228	705011	18" STEEL FLARED END SECTION	EA	5		
229	705048	36" STEEL FLARED END SECTION	EA	1		
230	721015	ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	257		
231	721017	ROCK SLOPE PROTECTION (FACING, METHOD B)	CY	<b>4,866</b>		
232	(F) 721030	ROCK SLOPE PROTECTION (1/2 TON, METHOD B)	CY	117		
233	729010	ROCK SLOPE PROTECTION FABRIC	SQYD	<b>10,219</b>		
234	727901	MINOR CONCRETE (DITCH LINING)	CY	9		
<b>234.A</b>	<b>731511</b>	<b>MINOR CONCRETE (ISLAND PAVING)</b>	<b>CY</b>	<b>58</b>		
<b>234.B</b>	<b>000003</b>	<b>MINOR CONCRETE (PEDESTRIAN GUARD)</b>	<b>LF</b>	<b>81</b>		
235	731516	MINOR CONCRETE (DRIVEWAY)	CY	17		
236	731521	MINOR CONCRETE (SIDEWALK)	CY	853		
237	(F) 750001	MISCELLANEOUS IRON AND STEEL	LB	<b>3,433</b>		
238	(F) 750501	MISCELLANEOUS METAL (BRIDGE)	LB	38,307		
239	800000A	ONE WAY ACCESS OPENING	EA	9		
240	800300	WIRE MESH FENCE (3/8"x3/8" MESH)	LF	9,265		
241	800360	CHAIN LINK FENCE (TYPE CL-6)	LF	1,775		
242	800360A	FENCE (TYPE BW)	LF	870		
243	800365	CHAIN LINK FENCE (TYPE CL-6, SLATTED)	LF	290		
244	801100	WIRE MESH GATE (3/8"x3/8" MESH)	EA	4		
245	801365A	TUBULAR STEEL GATE	EA	4		

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Note: See 'Instructions to Bidders' item 16, Like Bid Items. "Like Bid Item" bidding requirement does not apply to this project.



**REVISED PROPOSAL (4-Lane Option)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>ALTERNATE BID SCHEDULE 2: CLINTON KEITH ROAD, 4-LANE OPTION</b>						
246	802620	16' CHAIN LINK GATE (TYPE CL-6)	EA	2		
247	000003	WROUGHT IRON FENCE	LF	205		
248	(F) 833000	METAL RAILING	LF	840		
249	833020	CHAIN LINK RAILING	LF	415		
250	839521	CABLE RAILING	LF	302		
251	839601	CRASH CUSHION (TYPE CAT)	EA	2		
252	839602	CRASH CUSHION (TYPE CAT BACKUP)	EA	2		
253	839701	CONCRETE BARRIER (TYPE 60)	LF	4,280		
254	(F) 839702	CONCRETE BARRIER (TYPE 60A)	LF	840		
255	839703	CONCRETE BARRIER (TYPE 60C)	LF	34		
256	839705	CONCRETE BARRIER (TYPE 60E MODIFIED)	LF	220		
257	839726	CONCRETE BARRIER (TYPE 736A)	LF	415		
258	(F) 839727	CONCRETE BARRIER (TYPE 736 MODIFIED)	LF	840		
259	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	72,085		
260	840505	6" THERMOPLASTIC TRAFFIC STRIPE	LF	413		
261	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	5,103		
262	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	2,885		
263	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	1,680		
264	860251	SIGNAL AND LIGHTING (CLINTON KEITH/MENIFEE)	LS	1		
265	860251	SIGNAL AND LIGHTING (CLINTON KEITH/ TROIS VALLEY)	LS	1		
266	860556	SOLAR LIGHTING ON WILDLIFE CROSSING ( 8 LIGHTS)	LS	1		
267	860557	SOLAR LIGHTING ON WARM SPRINGS CREEK BRIDGE (4 LIGHTS)	LS	1		
268	(F) 860704A	2" INTERCONNECT CONDUIT AND TRACER WIRE	LF	2,800		
269	861497	MODIFY SIGNAL AND LIGHTING (CLINTON KEITH/WHITEWOOD)	LS	1		
270	(F) 867014	12 SINGLE MODE FIBER OPTIC CABLE	LF	2,800		
271	869039A	NO.6 PULL BOX	EA	11		
272	019901	MOBILIZATION,DEMOBILIZATION, AND FINAL CLEAN UP	LS	1		
<b>272.A</b>	<b>20052A</b>	<b>TREE TOPPING</b>	<b>LS</b>	<b>1</b>		
<b>272.B</b>	<b>000003</b>	<b>DRAINAGE INLET FILTRATION SYSTEM (KRISTAR FLOGARD)</b>	<b>EA</b>	<b>2</b>		
<b>272.C</b>	<b>000003</b>	<b>DRAINAGE INLET FILTRATION SYSTEM (CLEARWATER)</b>	<b>EA</b>	<b>1</b>		

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ALTERNATE BID  
SCHEDULE 2

TOTAL: \_\_\_\_\_ \$ \_\_\_\_\_

ITEMS 133-272.C

"WORDS"

Note: See 'Instructions to Bidders' item 16, Like Bid Items. "Like Bid Item" bidding requirement does not apply to this project.

**Clinton Keith Road Construction Project - Phase 2  
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**REVISED PROPOSAL**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>ALTERNATE BID SCHEDULE 3: EASTERN MUNICIPAL WATER DISTRICT</b>						
273	000003	EMWD WATER LINE THROUGH WARM SPRINGS CREEK	LS	1		

ALTERNATE BID  
SCHEDULE 3

TOTAL: \_\_\_\_\_ \$ \_\_\_\_\_  
ITEM 273 \_\_\_\_\_ "WORDS"

**ALTERNATE BID SCHEDULE 4: DEMOLISH BUILDINGS**

274	000003	DEMOLISH BUILDINGS	LS	1		
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ALTERNATE BID  
SCHEDULE 4

TOTAL: \_\_\_\_\_ \$ \_\_\_\_\_  
ITEM 274 \_\_\_\_\_ "WORDS"

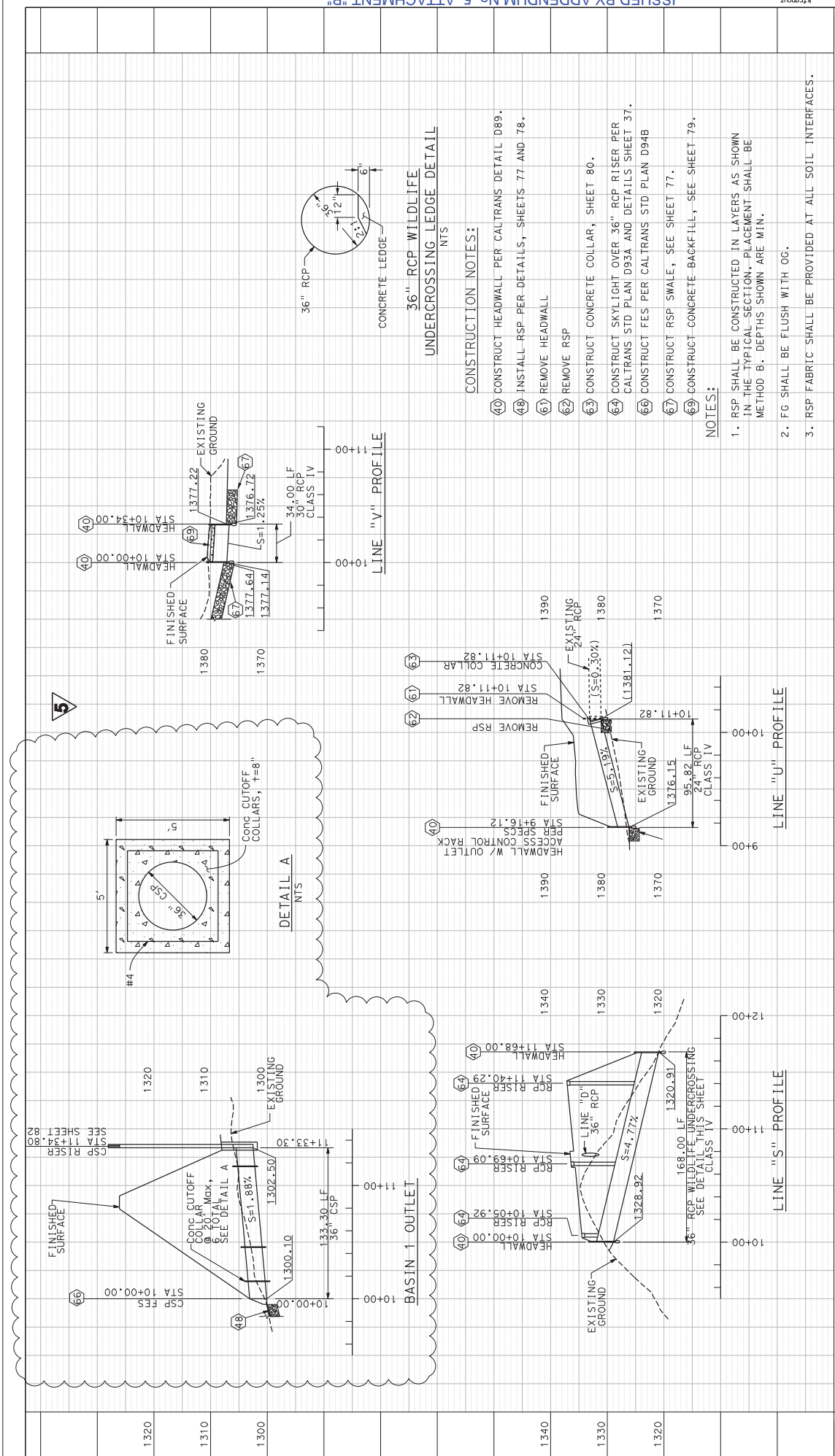
**ALTERNATE BID SCEHEDULES 1, 2, 3 AND 4**

PROJECT

TOTAL: \_\_\_\_\_ \$ \_\_\_\_\_  
ITEMS 1-274 \_\_\_\_\_ "WORDS"

**In addition to 'Instruction to Bidders' item 13, Alternate Bid Schedules:**

- The County may award Alternate Bid Schedule 1 or Alteranate Bid Schedule 2 items of work.
- If Alternate Bid Schedule 1 is selected, then Alternate Bid Schedule 2 will not be awarded and vice versa.



Station

1320

1310

1300

1340

1330

1320

1320

1310

1300

1340

1330

1320

Don't Dig... Until You Call USA Toll Free  
800-227-2600  
or your local  
utility line.  
Don't disrupt  
vital services.  
TOO MANY DAYS BEFORE YOU DIG

40

80

120

1" = 40' HOR

1" = 8' VER

5

REVISED PER ADDENDUM No. 5

CH2MHILL ENGINEERING COMPANY

APPROVED BY:  
  
S. L. H.  
SENIOR ENGINEER  
PROJECT ENGINEER

APRIL 14, 2015  
DATE

CLINTON KEITH ROAD  
FROM  
WHITWOOD ROAD TO LEON ROAD

74 & 191

962-W

ARCHIVE No.

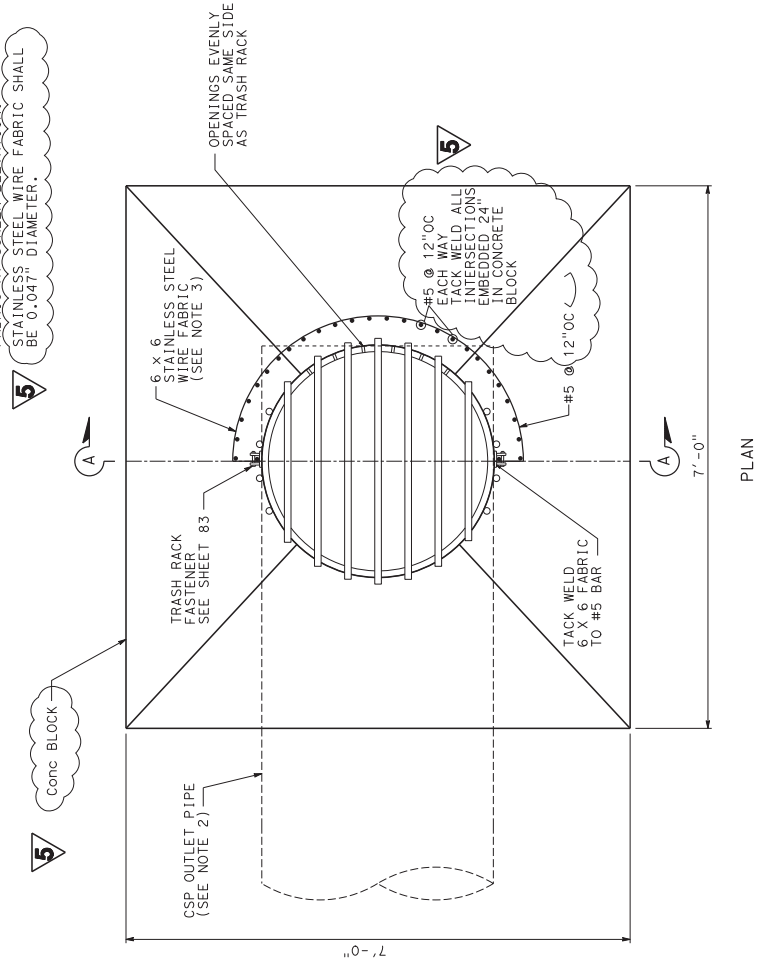
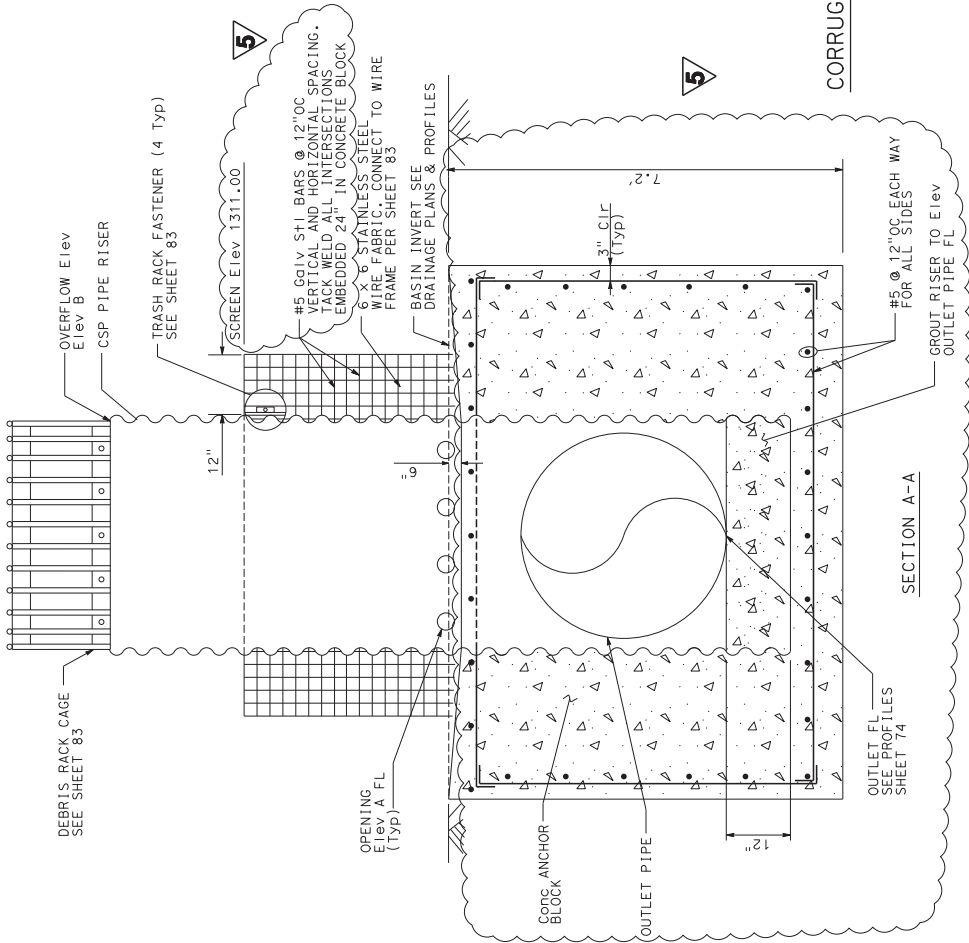
B2-0472

PROJECT No.

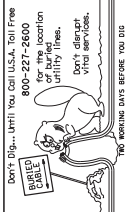
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BASIN	DRAINAGE SYSTEM	PIPE RISER SIZE (in)	OPENING AT ELEVATION	PIPE RISER SIZE (in)	Elev A	Elev B (OVERFLOW Elev)	CSP THICKNESS (in)
1	D	36	1 x 1.75"	1308.00	1326.10	0.109	
			2 x 4.50"	1324.00			



CORRUGATED STEEL PIPE RISER  
(BASIN 1)



5 REVISED PER ADDENDUM No. 5

<p>APPROVED BY: <i>SL</i>          DATE: APRIL 14, 2015          CHECKED BY: <i>NSU</i>          PROJECT ENGINEER</p>	<p>DESIGNED BY: <i>IG</i>          DRAIN BY: <i>IG</i>          CHECKED BY: <i>GH</i></p>	<p><b>CH2MHILL ENGINEERING COMPANY</b></p>	<p><b>DRAINAGE DETAILS</b></p>	<p><b>CLINTON KEITH ROAD</b>          FROM          WHITEWOOD ROAD TO LEON ROAD</p>	<p><b>82 of 191</b>  <b>962-W</b></p>
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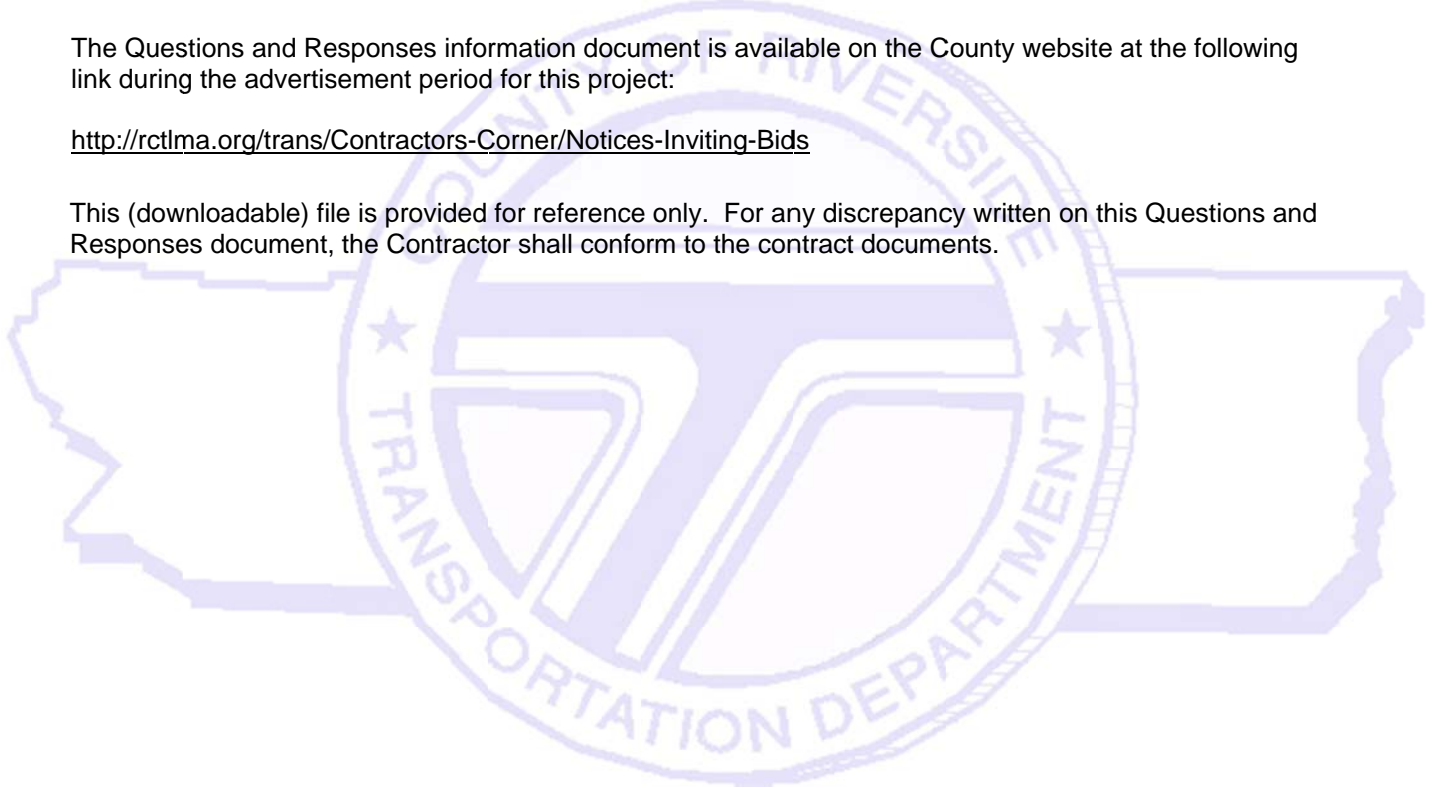
**Clinton Keith Road Construction Project – Phase 2  
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**ATTACHMENT “C” CONTRACTOR QUESTIONS  
AND RESPONSES**

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

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

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.



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**Clinton Keith Road Construction Project – Phase 2  
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**Refer to Addenda No. 1 and 3 for Questions and Responses 1 through 78**

<b>CONTRACTOR QUESTIONS AND RESPONSES</b>		
<b>79</b>	Question	See Section 8-1.04H Pre-Construction Survey. Please define what is meant by .... “and shall be monitored before, during and after roadway excavation operations.” Specifically, what is meant by monitoring and what is the purpose of during operations?
	Response	<a href="#">See Addendum No. 5, Section 8-1.01H, Preconstruction Survey, has been deleted and replaced.</a>
<b>80</b>	Question	See Section 13 Water Pollution Control. Without a preliminary SWPPP it makes it difficult to include the appropriate cost for temporary BMP’s that will satisfy the County. Will the County please add bid items for Temporary BMP’s such as Construction Entrances, Street Sweeping, Silt Fence, Fiber Rolls, Inlet Protection, Etc.? This is common bidding practice on Caltrans projects.
	Response	<a href="#">The awarded Contractor is required to prepare the SWPPP; therefore, Contractors need to include the cost for BMPs. BMPs individual items will not be added to the bid items list.</a>
<b>81</b>	Question	See Addition to Section 19-2.03D regarding riparian areas. Last sentence states.... Impacted riparian areas will be re-graded to original contours as feasible once construction is complete, stockpiled topsoil will be incorporated and redistributed across riparian area as shown on the plans. Please specify or provide plan sheet showing limits of stripping and replacement. Which bid item is this work paid under?
	Response	<a href="#">Plans sheets 51 and 54 of 191 (2-lane), and 53 and 56 of 195 (4-lane). See Addendum No. 3, Special Provision 19-3.04 was modified. Compensation for stockpiling topsoil, redistributing topsoil and re-grading contours in the riparian areas as described in section 19-2.03D is considered as included in the contract unit price for roadway excavation.</a>
<b>82</b>	Question	The US Army Corps permit has not been posted on your web-site yet. The contractor needs to know their restrictions in Warm Springs Creek in order to bid the bridge work. When will this info be available?
	Response	<a href="#">See Addendum No. 5 for information regarding environmental permits supplemental project information not being available during the advertisement period.</a>
<b>83</b>	Question	California Public Contract Code 7105 is evoked through section 5-1.39B of the 2010 Caltrans Standard Specification, and is also referenced on page GC9- Section 6 of the Special Provisions. If CA PCC 7105 caps the Contractors responsibility for quake and tsunami at 5% of the contract value, is it still necessary for the Contractor to provide a Course of Construction policy “that includes coverage for earth movement for the full value of the contract” as required in the County Provisions – Section 00-1.07?
	Response	<a href="#">California Public Contract Code 7105 also states: "This section shall not prohibit a public agency from requiring that a contractor obtain insurance to indemnify the public agency for any damage to the work caused by an act of God if the insurance premium is a separate bid item."  Course of Construction Insurance is a separate bid item and it is required for this project per Section 00-1.07 of the Special Provisions.</a>

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**Clinton Keith Road Construction Project – Phase 2  
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<b>CONTRACTOR QUESTIONS AND RESPONSES</b>		
<b>84</b>	Question(s)	<p>Rock Excavation Questions:</p> <ul style="list-style-type: none"> <li>• See Bid Item for Rock Excavation (Controlled Blasting) how was this quantity arrived at? Would the County consider making Roadway Excavation that requires blasting a unit price item, i.e. not final pay?</li> <li>• The rock blasting item is final pay. Please revise this item to pay per CY of blasting, as there could be as little as 20,000 CY or more than 70,000 CY.</li> <li>• Since there is not enough information given in the geotechnical report to do an accurate take-off of the rock excavation, please consider changing the roadway and rock excavation bid items from “final pay” to not final pay.</li> <li>• It is unclear how the “rock excavation” will be differentiated from the “roadway excavation”. Please clearly define how each will be paid.</li> <li>• We ask that the County reconsider treating rock excavation (Controlled Blasting) as a final pay item. The County is placing the onus on the contractor to absorb any and all risk associated with rock excavation and blasting. This will result in a significant increase in cost to the County, as contractors will have to assume blasting anywhere and everywhere. We suggest that the county consider a provision in the bid items for a seismic evaluation, which all contractors will have to include anyways, and a non final-pay bid item for the assume quantity of blasting to be required.</li> <li>• Is payment for rock or unrippable material encountered in the storm drain trench excavation paid under the unit price for the rock excavation (rock blasting) bid item?</li> <li>• Rock Excavation is assumed in order to construct the Storm Drain lines. Does the Controlled Blasting item (# 41 / # 176) include quantities for excavation of the Storm Drain in addition to the roadway?</li> <li>• Bid Item 41 and 176 Rock Excavation (Control Blasting) is this also an incidental part of work for any or all of the storm drain excavation? If not then the contractor will need to included Control Line Blasting in each storm drain bid Items?</li> </ul>
	Response	<a href="#">See Addendum No. 5. Rock excavation special provision has been revised; as well as, final pay (F) requirement associated to this item has also been revised.</a>
<b>85</b>	Question(s)	<p>Preconstruction Survey Questions:</p> <ul style="list-style-type: none"> <li>• See Section 8-1.04H Pre-Construction Survey. Please define what is meant by .... “and shall be monitored before, during and after roadway excavation operations.” Specifically, what is meant by monitoring and what is the purpose of during operations?</li> <li>• The spec requires the contractor to survey the existing topography at 100 foot intervals prior to starting work, and submitting this to County. Is this required? Hasn’t the County already done this?</li> <li>• Are we setting Monitoring Monuments and Running Level circuits through them?</li> <li>• Are we to Run Cross-sections at 100' intervals along the Route and the Sections are R/W to R/W for Preconstruction, During Construction 14 Days from Start, and Post Construction</li> <li>• Are we to Run Profile ground shots along the CL Route at 100' Intervals for Preconstruction, During Construction 14 Days from Start, and Post Construction?</li> <li>• Do you have an Example of what you mean by Benchmark Data?</li> <li>• Can this be done from an Aerial survey?</li> <li>• What is your Meaning of monitored ground surface points?</li> <li>• Are we to take a Photo at every 100' station for the Length of the Project? Can that be in a Digital Format or do we have to Provide you with Prints.</li> <li>• Special Provisions section 8-1.04H calls for preconstruction survey to be submitted pre, during, and post roadway excavation. How many times during the roadway excavation activity is the survey required?</li> </ul>
	Response	<a href="#">See Addendum No. 5, Section 8-1.01H, Preconstruction Survey, has been deleted and replaced. Also, Preconstruction Survey item of work has been deleted for the bid items list.</a>

**Clinton Keith Road Construction Project – Phase 2  
From Whitewood Road to Leon Road  
In the City of Murrieta and French Valley Area  
Project No. B2-04722**

<b>CONTRACTOR QUESTIONS AND RESPONSES</b>		
<b>86</b>	Question(s)	<p>Course of Construction Insurance Questions:</p> <ul style="list-style-type: none"> <li>•County Provision Section 00-1.09 lists the maximum value of the Course of Construction Insurance to be recognized for progress payment purposes as \$65,000. In the current insurance market, to cap the Course of Construction premium for a project of this size, in this location, as required in the County provisions – Section 00-1.07, at this dollar amount is unrealistic. Please consider increasing the allowed maximum value, and/or re-evaluating the Course of Construction requirements. Current market analysis indicates the Course of Construction could be up to \$125,000. Coupled with the Payment and Performance Bond requirement valued at roughly 1% of the contract, the Contractor will instantly be placed into a negative cash flow situation to the tune of over \$350,000. Please consider increasing the maximum payment for Bid Item 10 and 143. In addition, please consider inclusion of the payment and performance bonds within this item. If this is considered, the total maximum payment for this item would be roughly 1.5% of the total Contract Value.</li> <li>•Spec Section 00-1.07 requires all risk builder's risk insurance including earthquake and flood. The cost of insurance is likely to be more than \$180,000. The payment allowed for Course of Construction Insurance is only \$65,000. Will the owner consider raising the pay item allowed or waive the insurance for earthquake and flood?</li> </ul>
	Response	<p>Contractors are reminded that only one of the two design options (2-lane option or 4-lane option) will be selected for award. Therefore, the value of Course of Construction Insurance will be based on the selected Alternate Bid Schedule.</p> <p>Regarding Course of Construction Insurance (COC), based on our estimated total cost for Alternate Schedule No. 2 (4-lane option), it is believed that \$65,000 is a reasonable value for the purpose of making progress payments.</p> <p>Contractors are allowed to bid higher than \$65,000 for COC, but for the purpose of making progress payments, the maximum amount is \$65,000. Any amount in excess of \$65,000 will be included for payment on the final progress estimate as stated in Section 00-1.09, Progress Payment Restrictions of the Special Provisions.</p> <p>Progress payment restrictions, for the items listed on Section 00-1.09, have been implemented based on significant unbalanced bid prices received on previous projects.</p>
<b>87</b>	Question	<p>Reference Bid Item 132 and 272, Mobilization. The maximum payment for this line item is only 5% of the contract value. If the County is unable to compensate the Contractor for the up-front cost of Course of Construction Insurance / Payment and Performance Bonds, please consider revising the mobilization Bid Item to be in line with Public Contract Code 10264 with a maximum payment of 10% of Contract Value and payment terms as stated below:</p> <p><i>10264. (a) With the exception of projects over water requiring marine access, and which have a contract amount greater than twenty-five million dollars (\$25,000,000), in addition to the provisions for partial payment made in Section 10261, the department may make partial payments for the mobilization costs of a contract subject to this chapter, not to exceed the following:</i></p> <p><i>(1) When 5 percent of the original contract amount is earned, 50 percent of the amount bid for mobilization, or 5 percent of the original contract amount, whichever is lesser, may be paid.</i></p> <p><i>(2) When 10 percent of the original contract amount is earned, 75 percent of the amount bid for mobilization or 7.5 percent of the original contract amount, whichever is lesser, may be paid.</i></p> <p><i>(3) When 20 percent of the original contract amount is earned, 95 percent of the amount bid for mobilization, or 9.5 percent of the original contract amount, whichever is lesser, may be paid.</i></p> <p><i>(4) When 50 percent of the original contract amount is earned, 100 percent of the amount bid for mobilization, or 10 percent of the original contract amount, whichever is lesser, may be paid.</i></p> <p><i>(5) Upon completion of all work on the project, payment of any amount bid for mobilization in excess of 10 percent of the original contract amount will be paid.</i></p>
	Response	<p>Since this project has local funding, this Section of the Code does not apply to this project.</p>

**Clinton Keith Road Construction Project – Phase 2  
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<b>CONTRACTOR QUESTIONS AND RESPONSES</b>		
<b>88</b>	Question	Contour grading plan sheet number 49 has an error with regard to the wildlife overcrossing MSE. When overlaid with the Overcrossing, the MSE section is offset by several feet from where it should be. Please revise and reissue.
	Response	<a href="#">Plans will not be revised for the offset shown in the grading plans. The offset will not cause a change in quantities.</a>
<b>89</b>	Question	See Addendum No. 1, Demolish Buildings. Are there known wells that require abandonment? We do not see this called out on plans. If so, how deep should we anticipate?
	Response	<a href="#">See Addendum No. 5, Special Provision 15-2.02M, Demolish Buildings has been modified.</a>
<b>90</b>	Question	Bid Item #48 and 183 Concrete Paver has a unit of measure of each. Shouldn't this be measures as square feet (SQFT)?
	Response	<a href="#">See Addendum No. 3, Revised Proposal. The units were revised for items 48 and 183.</a>
<b>91</b>	Question	CIDH Piles Length: "Warm Spring Creek Bridge" plans sheets 2, 4, 13, 14, 15, and 17 calls for total length of CIDH 24" piles equal to 3,628 LF, and total length of CIDH 90" piles equal to 374 LF.  Bid items No. 62/196 and 63/197 call for total length of CIDH 24" piles equal to 3,162 LF and total length of CIDH 90" equal to 384 LF.  Please clarify this discrepancy.
	Response	<a href="#">See Addendum No. 3, Revised Proposal. CIDH Piles quantities were revised.</a>
<b>92</b>	Question	See Drawing CT 20 of the Wildlife Overcrossing Plans. What is the maximum size allowed for the AASHTO Group A1? Please provide the gradation of Zone B backfill.
	Response	<a href="#">See plans sheets 146 of 191, and 150 of 195 (CT19). Backfill to be free of stones larger than 3" in diameter. Zone B Backfill should meet requirements in the chart on sheet CT20.</a>
<b>93</b>	Question	The plans for the Warm Springs Creek bridge indicate that the bridge is to be done in 2 stages. There is no clear indication on any other plan or specification that justifies a need for the bridge to be built in two stages. Please confirm and explain the need for this requirement.
	Response	<a href="#">Caltrans design memos recommend that structures wider than 80 feet be constructed in stages. This will reduce the shortening and shrinkage effects of concrete and will reduce the potential for cracking in the columns and deck. The bridge has been designed as two "halves" tied together with a closure pour.</a>
<b>94</b>	Question	Addendum #1 added the demolition of existing buildings. Special Provisions section 15-2.02M(1), paragraph 14, calls for the removal and disposal of material containing mold and/or asbestos. At the pre-bid meeting it was mentioned by the Agency that no asbestos or mold reports were available. This unknown makes it difficult for any contractor to price. Please consider doing this as "extra work".
	Response	<a href="#">See Addendum No. 5, Special Provision 15-2.02M, Demolish Buildings has been modified.</a>
<b>95</b>	Question	On page GC 14 "50% Minimum work performance" requires the Contractor to perform work equaling at least 50 percent of the value of the original bid with the Contractor's own forces. Will the County consider reducing the requirement to 30%? If the County does not reduce the 50% requirement, could specialty items be added to the bid to make this requirement more achievable?
	Response	<a href="#">No, at least 50% of the work must be performed by the prime Contractor.</a>

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**Clinton Keith Road Construction Project – Phase 2  
From Whitewood Road to Leon Road  
In the City of Murrieta and French Valley Area  
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<b>CONTRACTOR QUESTIONS AND RESPONSES</b>		
<b>96</b>	Question	Section 19-4.04 describes measurement and payment for Drill hole (presplitting). Does the County anticipate adding an item for this work as this item is not on either of the current bid schedules?
	Response	See Addendum No. 5. Rock excavation special provision has been revised. Payment for drill hole (presplitting) has been removed; however, it does not limit the Contractor from using this type of method.
<b>97</b>	Question	See Drawing CT 1 Table of Estimated Quantities. Please confirm these quantities will differ depending on the type of Arch and MSE wall system submitted by Contractor's final design.
	Response	Yes, if a different system is proposed and approved, quantities would differ. For the purposes of bidding, Contractors are required to bid as proposed in the Contract Documents.
<b>98</b>	Question	On page 41 the drawing calls out for wire mesh but under Section 80 for fences the spec calls to add a paragraph to 80-3.01 to use 3/8 x 3/8 chain link mesh for fence Type CL-6. Specs also call to add to Section 80-3.01b chain link fence with wire mesh installed vertically as chain link fence fabric. Do we install wire mesh on chain link or only 3/8 mesh chain link fence fabric?
	Response	The fence is 3/8" mesh chain link fence fabric.
<b>99</b>	Question	Specs ask to add paragraph to Section 80-3.02e to be tan. This section refers to fence slats, they don't make a slat for 3/8 mesh. Should this be a 2" mesh with slats?
	Response	The area on the plans that reference slats is for the 2" mesh.
<b>100</b>	Question	I notice there is no typical details drawing for over excavating the bridge footing, retaining wall footing and wildlife overcrossing foundation. In the Geotechnical Design Report under Construction Consideration they give their recommendation on how deep to go for over excavate at retaining walls, bridge footings and wildlife overcrossing. Geotechnical Design Report also give recommendation for 60 day settlement at Warm Spring Creek Bridge. (There is no mention in the plans or in the specifications stating any settlement) So is there settlement at the Warm Spring Creek Bridge? So can you show the contractors the typical detail for the over excavate that needs to be done at the retaining walls, bridge footings, and wildlife overcrossing. Is the over excavate 3' at retaining walls and 5' at bridge footings and wildlife crossing?
	Response	Overexcavation from Geotechnical Design Report (GDR) (section 11.5.2) is for the "French Valley" area and retaining walls No. 236 and 359, which has been completed or is in a future phase of Clinton Keith improvements. Warm Springs Creek and the walls for this project are not affected by overexcavation, therefore no details are required. GDR (section 11.8) mentions settlement monuments for French Valley Creek bridge, which is in phase 3. GDR section (8.3.2), settlement for Warm Springs Creek is expected to occur during construction, no mitigation is recommended.
<b>101</b>	Question	Approved Stabilization Method Reference the Clinton Keith Road, from Whitewood Road to Leon Road, sheet 115 of 191 & Add to section 19-3.03E(1), 2. The use of ground anchors are specified as acceptable, please confirm the acceptance of installing ground anchors or similar method into the archeological monitoring area behind Retaining Wall No. 290.
	Response	Ground anchors would need to be installed at an elevation and/or area that would reduce the possibility of cracking, fissuring, or crumbling of the feature outcrops and would not disturb intact archaeological deposits, which are found on the surface to an approximate depth of 80 cm (32 inches). These deposits are currently protected behind the proposed ESA fence.

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**Clinton Keith Road Construction Project – Phase 2  
From Whitewood Road to Leon Road  
In the City of Murrieta and French Valley Area  
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<b>CONTRACTOR QUESTIONS AND RESPONSES</b>		
<b>102</b>	Question	<p>Minor Concrete, Section 73</p> <p>In regards to the Minor Concrete items, No, 6, 7, 8, 9, 61, 101, 102, and PCC Raised Median (Bridge) on the Bid Schedule, the project specifications refers to Division VIII Miscellaneous Construction, Section 73 Concrete Curbs and Sidewalks. The 2010 Caltrans Standards 77-102A General, page 803, requires the use of 463 lbs cement content for curbs and sidewalks.</p> <p>However, the Riverside County standard plans for curbs and sidewalks state Class B. There is no Class B designation in the newer Caltrans Standards. On other projects, RCTD may state the use of Class 3 505 lbs (in lieu of Class B) cement content or Minor Concrete 550 lbs cement content as stated in 2006 Caltrans Standards. Also, the City of Murrieta requires 560-C-3250 in their standards.</p> <p>What is the correct cement content required for Minor Concrete, per the bid schedule: 463 lbs, 505 lbs, 550 lbs, or 560 lbs?</p>
	Response	<a href="#">See Addendum No. 5 regarding cement content requirements for different concrete items.</a>
<b>103</b>	Question	<p>There is a bid item for plant establishment in the bid form. There are no new planting areas. Can you please clarify this bid item? Is this to be the same as the maintenance for the hydroseeded areas? Please advise.</p>
	Response	<a href="#">The plant establishment in the bid form is for the maintenance of the hydroseeded areas. There are no planting areas other than the hydroseeding.</a>
<b>104</b>	Question	<p>Reference the County's response to question 54 issued under Addendum 3. The response only partially answered the question. Is the Contractor allowed to divert the creek (in the center of Span 2) in culvert pipes and place fill materials in the existing creek location? If yes, what size culvert pipes are required? Are there any fill requirements ie crushed rock, sand, etc.? Does the USACE 404 and WQC 401 allow for diversion of the creek and placement of temporary culverts and clean rock (or sand) within Warm Springs Creek?</p>
	Response	<a href="#">Warm Springs Creek cannot be diverted from its existing location, culverts can be placed in the creek for crossing of equipment and fill material can be placed in the creek during construction as long as it doesn't divert the flow of the creek. Warm Springs Creek must be regraded to existing contours upon completion of the project. Culvert sizes would be determined by contractor.</a>
<b>105</b>	Question	<p>Are there any Tier/CARB requirements for the heavy equipment intended for use on this Project?</p>
	Response	<a href="#">There are CARB requirements per 2010 Caltrans Standard Specs 7-1.02C. No special requirements intended for this project.</a>
<b>106</b>	Question	<p>Reference the County's response to question 50 issues under Addendum 3. Since both the Roadway Excavation and Rock Excavation (controlled blasting) are both Final Pay, how will the County measure and pay for these items? If the Contractor encounters more rock, will the payment be adjusted accordingly? Conversely, if less rock is encountered will the payment be adjusted accordingly? Making these items Final Pay leads the Contractor to believe that this is the final payment amount for these items regardless of the conditions encountered.</p>
	Response	<a href="#">Roadway Excavation remains as a Final Pay item, and Rock Excavation is modified in Addendum No. 5 as a No Final Pay item. The quantity of Rock Excavation, if encountered during construction, will be determined during construction.</a>
<b>107</b>	Question	<p>Per Addendum #3 - Attachment "C" Contractors question:</p> <p>Q/A #43: Please clarify, temporary fence is to be constructed using concrete footing and new materials (i.e. posts and chain link fabric) instead of used steel posts driving into the ground without concrete footing.</p>
	Response	<a href="#">Yes, this is correct, the temporary fence is to be constructed using concrete footing and new materials because of the duration the temporary fence will be in place.</a>



**Clinton Keith Road Construction Project – Phase 2  
From Whitewood Road to Leon Road  
In the City of Murrieta and French Valley Area  
Project No. B2-04722**

<b>CONTRACTOR QUESTIONS AND RESPONSES</b>		
<b>108</b>	Question	Per Addendum #3 - Attachment "C" Contractors question:  Q/A #56: Please confirm, 11 gauge galvanized chain link fabric to be used rather than woven wire mesh.
	Response	The fence is 3/8" mesh chain link fence fabric, 11-gage.
<b>109</b>	Question	How are the RCP riser/skylights and the connections on the 36" RCP wildlife undercrossings to be paid for? There is no item for RCP riser and we are not able to find anything in the special provisions that addresses this.
	Response	Refer to Special Provisions, Section 51-7.03D, Payment, Wildlife undercrossing skylight will be measured and paid for by the unit, determined from actual count of units installed in place, regardless of riser height.
<b>110</b>	Question(s)	R-Values Questions: <ul style="list-style-type: none"> <li>•See Addendum No. 3, Item 8. If materials with R-value less than 40 are encountered, then how will contractor be paid to over excavate and replace this material? Where in the GDR can the contractor predict location of these areas? If required, please add an item for over excavation.</li> <li>•In reference to Addendum # 3, Modification to Special Provision 19-2.03C, stating that materials between 237+00 and 347+00 would be below the minimum R-Value of 40. After review of the soils reports provided, all borings (B6, B8, B12, B15, B23, B27, and B34) exceed the required minimum R-Value of 40. The low R-Values in the soils reports are outside the project limits.</li> </ul>
	Response	The GDR covers a larger area than what the project limits of this project are. Refer to GDR 8.9.2, all R-value tests within the project limits were above 40.
<b>111</b>	Question	Reference Addendum #3 - Attachment "C" Contractors questions: Reference question 33, pre-splitting is a technique used when blasting very steep slopes or in very close proximity to structures but not in this application. Please confirm that it's up to the contractor to determine the means and methods of blasting
	Response	See Addendum No. 5. Rock excavation special provision has been revised. Yes, contractor to determine methods. As stated in SSP 19-4.01A, "you may use hydraulic splitters, pneumatic hammers, controlled blasting, or other roadway excavation techniques authorized to fracture rock and construct stable final rock cut faces".
<b>112</b>	Question	Reference Addendum #3 - Attachment "C" Contractors questions: Reference question 50, will the County be measuring rock excavation quantities? Is item Rock Excavation (controlled Blasting) subject to overrun/underrun?
	Response	See Addendum No. 5. Rock excavation special provision has been revised.  Once the roadway excavation is complete, and before rock excavation efforts, the County will survey to measure the additional rock excavation needed.
<b>113</b>	Question	Ref: Retaining Wall 290 Per addendum #3 the structure excavation for this wall will be in rock. Will measurement and payment for the excavation be in the structure excavation or controlled blasting bid item?
	Response	Measurement and payment for the excavation is included in the structure excavation.
<b>114</b>	Question	It is understood that the hanger/support metal for the bridge utilities is paid for in "Miscellaneous Metal". What specification and payment covers the telecommunication, electric and fiber optic lines (conduits/expansion joints) in the bridge?
	Response	Reference Section 5-1.36D of the Special Provisions for the Utility Relocation Table. Verizon, Time Warner and SCE will be installing their own associated casings through Warm Springs Bridge. Per these special provisions, contractor needs to provide time for this to occur. The number of working days designated for each Utility Company are in the Utility Relocation Table.

**Clinton Keith Road Construction Project – Phase 2  
From Whitewood Road to Leon Road  
In the City of Murrieta and French Valley Area  
Project No. B2-04722**

<b>CONTRACTOR QUESTIONS AND RESPONSES</b>		
<b>115</b>	Question	ITEM 103 “MISCELLANEOUS IRON & STEEL” Based on the standard weights shown on Caltrans standard plans D77A and D77B for the quantity and type of basins shown on the plans (G1, GD1, GCP inlets), the total weight does not equal the bid item quantity (weight) for either the 2-Lane option or the 4-Lane option. Are special weights being used and/or are the quantities different?
	Response	See Addendum No. 5. The quantities for Miscellaneous Iron and Steel (Item 103 2-Lane Option and Item 237 4-Lane Option) have been revised. Miscellaneous iron and steel for all inlets are based on 326 lbs for single grade and 2 times 326 lbs for GD1 double grade.
<b>116</b>	Question	Corrugated Steel Pipe Riser in the Detention Basin. 1. The Trash Rack debris guard is calling for #5 rebar at 6” o.c. in both directions, can 5/8” round bars (smooth) be used in lieu of the #5 rebar? 2. The Stainless Steel Wire Fabric has 6” c.c. spacing on the wire, is that correct? 3. What size of wire is to be used? 4. When securing the stainless steel wire fabric to the galvanized steel rack, can stainless steel tie wire be used instead of tack welding them together? 5. Per the elevations and notes shown on the plan, the height of this Trash Rack Screen is to be approx. 17’-0”, is that correct? 6. What Bid Item number will this be paid under?
	Response	1. No, but the spacing on the #5 is changed to 12” o.c. and the vertical bars need to be embedded 24” into the anchor block. See Addendum 5, plans sheets 82 of 191 and 84 of 195 have been revised. 2. Yes 3. 0.047” diameter. Refer to Addendum No. 5 for revised plan sheets 82 of 191 (2-Lane) and 84 of 195 (4-lane), the steel wire dimension is shown. 4. No, refer to Addendum No. 5 for revised plan sheets 82 of 191 (2-Lane) and 84 of 195 (4-lane), the steel wire fabric is to be tack welded. Tie wire is not acceptable. 5. Yes 6. Refer to Addendum No. 5. Regarding payment of Debris Rack Cage/Trash Rack, it will be considered as included in the contract price paid per pound for Miscellaneous Iron and Steel.
<b>117</b>	Question	There are several curb opening catch basins, Type OL Inlets, what Bid Item number will these be paid under?
	Response	Refer to Section 51-7.01A of the Caltrans Standard Specs, the curb opening catch basins are paid based on cubic yards in Minor Concrete (Minor Structure).
<b>118</b>	Question	I was wondering if the County was going to provide construction staking for this project or will the contractor need their own surveyors?
	Response	Refer to section 00-1.20 "Survey Staking". Contractor to submit form for county construction staking. Contractor will not provide construction staking, but they may use their own for verification at their own expense.



Juan C. Perez, P.E., T.E.  
Director of Transportation and Land  
Management

# COUNTY OF RIVERSIDE

## TRANSPORTATION AND LAND MANAGEMENT AGENCY



Patricia Romo, P.E.  
Assistant Director of Transportation

### Transportation Department

#### **ADDENDUM NUMBER 6**

**Dated August 6, 2015**

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

**Clinton Keith Road Construction Project – Phase 2  
From Whitewood Road to Leon Road  
In the City of Murrieta and French Valley Area  
Project No. B2-04722**

**Bids Due: Wednesday, August 12 2015; 2:00 p.m.**  
14<sup>th</sup> Street Transportation Annex  
3525 14<sup>th</sup> 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 Bid (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://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

#### **MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:**

**Item 1: Modification to Special Provision.** Refer to modification to Section 14-2.03A, on pages 38 and 39 of the Special Provisions. Delete the last paragraph on page 38 and the first paragraph on page 39 of the Special Provisions and replace them with following paragraphs:

Contractor is advised that ground-disturbing activities within the entire project limits shall not be undertaken without the presence of an archeological monitor. ~~Ground disturbing activities within the above identified AMA areas shall not be undertaken without the presence of both an archeological monitor and Native American monitor.~~ The Contractor shall notify the Engineer in writing at least 5 working days prior to the performance of any ground-disturbing activities to facilitate the presence of an archeological monitor and Native American monitor during ground-disturbing activities.

No construction shall occur within an AMA without the presence of an archeological monitor and Native American monitor. The Contractor shall notify the Engineer in writing at least 5 working days prior to the construction activities to facilitate the presence of an archeological monitor during construction activities. When working within an AMA designated for CA-RIV-11572 and CA-RIV-11576, the Contractor, under the direction of the engineer, shall strip away sediments in 2-4" cuts to a maximum depth of 2' or until bedrock is encountered. When working between stations 285+00 and

286+50, within the AMA designated for CA-RIV-11575, the Contractor, under the direction of the engineer, shall strip away sediments in 2-4" cuts to a depth of 2' or until bedrock is encountered.

Contractor's attention is directed to section 19-3 of these special provisions for additional requirements for Archeological monitoring requirements during structure excavation and backfill of retaining wall no. 290.

**Item 2: Modification to Special Provision.** Refer to Modification to Section 39-6, Compensation Adjustment for Price Index Fluctuations, on pages 81 through 82 of the Special Provisions. Delete Modification to Section 39-6, and replace it with following special provisions:

**Add to section 39-6:**

**COMPENSATION ADJUSTMENTS FOR PRICE INDEX FLUCTUATIONS:**

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

ITEM CODE	ITEM
390129	Hot Mix Asphalt (Type C)
390132	Hot Mix Asphalt (Type A)

Asphaltic emulsion (paint binder/tack coat) shall be considered as included in the contract price paid for Hot Mix Asphalt.

Section 9-1.07, "Payment Adjustments For Price Index Fluctuations" of the State Standard Specifications is deleted and replaced with the following Special Provisions:

The compensation payable for hot mix asphalt will be increased or decreased in conformance with the provisions of this section for crude oil price fluctuations exceeding 5 percent ( $I_u/I_b$  is greater than 1.05 or less than 0.95) 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 hot mix are included in a monthly estimate:

- A. Total monthly adjustment =  $Q \times A$
- B. For an increase in crude oil price index exceeding 5 percent:  

$$A = [(I_u / I_b) - 1.05] \times I_b \times [1 + (T / 100)]$$
- C. For a decrease in crude oil price index exceeding 5 percent:  

$$A = [(I_u / I_b) - 0.95] \times I_b \times [1 + (T / 100)]$$
- D. Where:

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

$I_u$  = The California Statewide Crude Oil 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.

$I_b$  = The California Statewide Crude Oil Price Index for the month in which the bid opening for the project occurred.

Q = Sum of all quantity in tons of paving asphalt ( $Q_h + Q_{rap}$ ) 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.

**For Hot Mix Asphalt,  $Q_h$**

The Engineer calculates the quantity of asphalt in HMA using the following formula:

$$Q_h = HMATT \times [X_a / (100 + X_a)]$$

where:

$Q_h$  = quantity in tons of asphalt used in HMA

HMATT = HMA, total tons placed

$X_a$  = theoretical asphalt content from the job mix formula expressed as a percentage of the weight of dry aggregate

**For Hot Mix Asphalt Containing Reclaimed Asphalt Pavement (RAP),  $Q_{rap}$**

The Engineer calculates the quantity of asphalt in HMA containing RAP using the following formula:

$$Q_{rap} = HMATT \times [X_{aa} / (100 + X_{aa})]$$

where:

$$X_{aa} = X_{ta} - [(100 - X_{new}) \times (X_{ra} / 100)]$$

and:

$Q_{rap}$  = quantity in tons of asphalt used in HMA containing RAP

HMATT = HMA, total tons placed

$X_{aa}$  = asphalt content of HMA adjusted to account for the asphalt content in RAP expressed as a percentage of the weight of dry aggregate

$X_{ta}$  = total asphalt content of HMA expressed as a percentage of the weight of dry aggregate

$X_{new}$  = theoretical percentage of new aggregate in the HMA containing RAP determined from the RAP percentage in the job mix formula

$X_{ra}$  = asphalt content of RAP expressed as percentage

T = Sales and use tax rate expressed as a percent currently in effect in the tax jurisdiction where the material is placed. If the tax rate information is not submitted timely, the statewide sales and use tax rate is used in the payment adjustment calculations until the tax rate information is submitted.

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 Crude Oil Price Index in effect on the first business day of the month within the pay period in which the overrun began.
- D. For purposes of progress payments, the County may select to make a progress payment for COMPENSATION ADJUSTMENTS FOR PRICE INDEX FLUCTUATIONS by using the HMA contract unit price and an equivalent amount of HMA quantity to equal the determined amount of this compensation per these special provisions. HMA quantity increase/decrease amount to compensate for this index fluctuation shall not be counted as increased/decreased

quantities for standard specification Section 9-1.06, "CHANGED QUANTITY PAYMENT ADJUSTMENTS". i.e. Quantities used for Section 9-1.06 payment adjustments are for actual quantities of HMA placed.

The California Statewide Crude Oil Price Index is determined each month on or about 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 Crude Oil Price Index is available on the Division of Engineering Services website at: <http://www.dot.ca.gov/hq/construc/crudeoilindex/>

**Item 3: Modification to Special Provision.** Refer to Section 78, Solar Lighting, on pages 96 through 102 of the Special Provisions. Delete Section 78, and replace it with following special provisions:

**Replace Reserved with the following:**

## **78 SOLAR LIGHTING**

### **78 SOLAR LIGHTING**

#### **78-1.01A SUMMARY**

Section 78-1 includes general specifications for furnishing and installing Solar Lighting Systems, consisting of solar lighting ~~luminaires~~ luminaries, controllers, conduits, back up systems and associated items as shown on plans and in conformance with these Special Provisions. The primary purpose of the solar lighting system is to provide safety lightings on Clinton Keith Road, Warm Springs Creek Bridge and the Wildlife Overcrossing Structures. The project conditions are:

1. Ambient temperature: -5° to 45° C.
2. Relative humidity: 0 to 100%.
3. Pole and all coupling components exceed maximum specified EPA ratings required for local wind loading conditions.
4. Photo Voltaic Panel rated to withstand hailstone impact described in ASTM E1038-93 and surface Cut Susceptibility tests (UL 1703-24).

A reference to a specific brand or trade name establishes a quality standard and is not intended to limit competition. You may use a product that is equal to or better than the specified brand or trade name if authorized.

#### **78-1.01B SUBMITTALS**

Submit substitutions for specific brand or trade name in compliance with section 6-3.02 of the Standard Specifications.

Submit a certificate of compliance for Solar Lighting.

Certificate of Compliance must be in conformance with the provisions in Section 6-3.05E, "Certificates of Compliance," of the Standard Specifications.

Regulatory Requirements: Solar light system meets ~~of~~ or exceeds NEC 2011 code requirements.

Product Data: Catalog cut sheets with performance specifications demonstrating compliance with specified requirements.

Submit IES electronic files of lamp output or Photometric plots on a surface from a defined lamp height ~~compliant~~ compliant with IES LM-79.

Submit calculations of effective Projected Area (EPA) and weight of the solar lighting system, and EPA rating of the pole.

Submit information for days of the battery back-up be based on an assumption of no sun and battery cycle life taking into account temperature impact on cycle life.

Submit PV sizing based on worst-case average insolation data from an accredited source (e.g. NREL TMY2), with an additional safety factor to account for worst-case conditions. Consideration given for temperature, PV obstruction and other obstructions.

Submit a series of photograph for the lighting systems.

Wiring diagrams.

Installation instructions.

#### **78-1.01C QUALITY CONTROL AND ASSURANCE**

Manufacturer of solar lighting system must be registered to ISO 9001:2008 Quality Standards.

Manufacturer shall possess a minimum of 20 years' experience in manufacturing solar powered lighting systems.

##### **78-1.01C(2) Warranty**

Provide manufacturer's warranty covering 5 years on solar lighting system from date of purchase.

Solar Voltaic Panel covered for 20 years.

Mounting hardware, arms & brackets covered for a minimum of 20 years.

Pole and associated components covered by original manufacturer's warranties.

LED light engine, lamps and fixtures covered for a minimum of 10 years.

Wire harnessing, connectors and terminals covered for a minimum of 10 years.

Electronics: LED driver, charge controller, communications covered for a minimum of 10 years.

Batteries have a limited warranty with a replacement cost credit for up to 5 years with the following minimum coverage: 100% credit for the first 2 years, 60% credit for year 3, 40% coverage for year 2 and 20% credit for year 5.

#### **78-1.02 MATERIALS**

##### **78-1.02A Manufacturer**

The solar lighting system must be a solar lighting system manufactured by Sepco Solar Electric Power Co, or approved equal. Sepco Solar Electric Power Co. is located in Stuart, Florida, and must include items detailed for solar lighting system shown on the plans. The Sepco solar lighting system can be obtained from the distributor, OCS Lighting and Control, Inc. 5797 Chesapeake Ct., Suite 200, San Diego, CA 92123, telephone (858) 514-4000

##### **78-1.02B General**

Solar Powered Light System consists of eight (8) components and assemblies: (1) Photovoltaic (PV) Module(s) and mounting structure, (2) Charge Controller/LED Driver, (3) LED Luminaire, (4) Battery(ies), (5) Battery Enclosure, (6) Quick Connect Wire Harnessing with Fuse, (7) Pole and (8) Arm.

##### **1. Photovoltaic (PV) Module**

###### **a) Construction:**

- 1) Crystalline silicon solar cells
- 2) Framed in an all-aluminum structure
- 3) Sealed behind UV stabilized tempered glass
- 4) Covered by a 20 year power warranty
- 5) RoHS compliant
- 6) Harnessing and cabling is 12 AWG THHN stranded wire with over molded insulation with UV stabilized polymer rated for exterior usage
- 7) Photo Voltaic Panel rated to withstand AASHTO ~~450~~ 100 mph wind force ratings.



- 8) Supplemental PV 1/8" aluminum panel pan backer color matched to solar light system
    - 9) Water-tight wire junction box on PV module
  - b) Performance:
    - 1) PV generates adequate power to fully recharge system batteries within three (3) days at the installation location given that minimum insolation is available on those days as defined by NREL (National Renewable Energy Laboratories).
    - 2) PV electrical junction box and connectors (MC4 type) are sealed per IP 65.
    - 3) PV is fastened to support system.
2. Charge Controller/LED Driver
  - a) Construction:
    - 1) Enclosed within the light system with touch-proof covers to prevent damage
    - 2) Fully resin potted design and suitable for wet locations.
    - 3) The device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.
    - 4) Approved by a Nationally Recognized Testing Laboratory - TÜV listed to UL 60950-1:2007 and CSA C22.2.60950-1:2007.
    - 6) Charge controller/ LED driver is designed without electrolytic capacitors.
    - 7) All other capacitor devices are de-rated by at least 20° C below the capacitor's maximum temperature rating under fully-loaded conditions and ambient temperature of 30° C.
    - 8) LED driver must be integrated with the solar charge controller as one unit.
    - 9) Charge controller/ LED driver must be capable of controlling and dimming one or two outdoor LED light systems.
    - 10) Complies with FCC part 15 noise threshold requirements
    - 11) Ten day/night memory averaging to ensure accurate turn on and turn off lights to prevent false response due to weather variations.
    - 12) Over Voltage Protection.
    - 13) LED Short Circuit Protection.
    - 14) Internal PV Disconnect (no external Diodes required).
    - 15) Test button and diagnostic LEDs.
    - 16) Self Test mode.
    - 17) Reverse battery polarity protection.
    - 18) Self calibrating load, timing, and charging circuitry.
    - 19) Minimum 10 year operational life when operating at minimum or maximum rated system environmental specifications (10° C to 50° C at 0 – 100% relative humidity, non-condensing).
    - 20) Designed and tested to withstand electrostatic discharges up to 15,000 V without impairment per IEC 801-2.
    - 21) Withstand up to a 6,000 Volt surge without impairment of performance as defined by ANSI C62.41 Category A.
    - 22) Manufactured in a facility that employ ESD reduction practices in compliance with ANSI/ESD S20.20.
    - 23) Connects to all system components via a quick-connect – latching connector.
  - b) Performance
    - 1) Operates in the following mode:
      - a) Dusk to Dawn
      - b) Programmed Run – Light operates dawn to dusk
    - 2) Perform Power Management to increase a system's run-time even with inclement weather conditions.
    - 3) Charge Controller operates with temperature compensated limits ensuring battery charging algorithm protects battery (ies) from over and under voltage stress
      - a) Charge controller adapts maximum (charged) voltage based on temperature (14V maximum at 21° C).



- b) Charge controller prevents discharge below temperature compensated battery Low Voltage Disconnect (LVD) limit (11.5V at 21° C)
  - 4) Operate the light for a minimum of at least six (6) nights without adequate insolation during the day to charge the batteries.
  - 5) Charge controller never discharges more than 20% depth of discharge per night.
  - 6) Charge Controller differentiates between actual sunlight and solar panel illumination from the system's own LED light.
- 3. LED Luminaire
  - a) Construction:
    - 1) Cobrahead style mounted on pole. Endura fixtures for Wildlife Overcrossing.
    - 2) UV stabilized powder coated.
    - 3) IP 65 sealed and rain-proof LED chamber.
    - 4) Wet location listed.
    - 5) Tilt from 0 to 15 degrees above horizontal for better light dispersion
    - 6) Designed and factory-installed LED light source only.
  - b) Performance:
    - 1) LED source designed for 65,000 hour performance with over 70% initial lumen maintenance.
    - 2) LED chamber of the luminaire provides IP65 protection.
    - 3) Use of reflectors or lenses to produce high efficacy lighting patterns.
    - 4) Available in Type II, or Type V photometric distribution.
    - 5) Pole spacing as shown on plans
    - 6) Luminaire shall operate at range of 30 to 45VDC (varies with driver).
    - 7) LED junction temperature does not exceed 100 °C in worst-case site temperature conditions
    - 8) High brightness LEDs only rated at a typical minimum of 85 lumens/watt by manufacturer}. 5 mm type LEDs are not acceptable.
    - 9) Bright white LEDs with a color temperature no greater than 5100K or less than 3,500K.
    - 10) Manufacturer provides relevant .IES files to indicate light dispersion and intensity of LED source.
    - 11) IES file is measured using the IESNA LM-79 testing method for LED luminaires by a laboratory approved by the US DOE's CALiPER program. Scaled photometric testing files are not acceptable.
    - 12) Option to add motion detector to adjust lighting between peak and off peak levels for defined periods of time.
    - 13) Integrated luminaire shield mounting bosses for house, left and right side, and front side shields.
    - 14) Wattage shall meet or exceed requirements shown on the plans.
- 4. Batteries
  - a) Construction:
    - 1) Sealed valve regulated Gel cell type.
    - 2) Maintenance free.
    - 3) Air shippable.
    - 4) Battery shall be rated "non-spillable" by ICAO/IATA/DOT.
    - 5) 100% recyclable.
    - 6) Battery must be built to comply with IEC 896-2, DIN 43534, BS 6290 Pt4, and Eurobat.
  - b) Performance
    - 1) Capable of over 2000 cycles.
    - 2) Deep cycle technology.
    - 3) Maintains over 80% of charge after 2 months if left disconnected.
    - 4) Batteries should provide no less than 6 days of back up in no-sun conditions.

- 5) Warranted for a minimum of two (2) years, and an additional pro-rated warranty to cover five (5) years.
5. Battery Enclosure
  - a) Construction:
    - 1) All aluminum vented enclosure.
    - 2) Aluminum doors and body powder coated to match the system color.
    - 3) If Manufacturer designs battery enclosure to be installed below the solar panels on the panel support structure, provide with a minimum 4" of air-barrier to prevent overheating.
    - 4) NEMA 3R rated.
    - 5) Holds up to 4 large-size (250 Ah) batteries or approved equal.
    - 6) All battery wire terminals and harnessing connect via quick-connect type with keyed connections to prevent miswiring.
    - 7) ~~Most feature~~ Hinged front cover and optional additional locking device.
  - b) Performance:
    - 1) Access provided for battery service via two (2) bolts for hinged covers or four (2) bolts for non-hinged covers.
    - 2) Wire harness is 12AWG THHN wire and finished to prevent accidental shorts.
    - 3) Terminal covers, ring washers, terminals, etc. are non-corrosive non-rusting.
6. Wire Harnessing & Fuse
  - a) Wire Harnesses Construction
    - 1) All UV stabilized jacketed wiring and connectors.
    - 2) Quick disconnect connector plugs have latch to ensure secure connection.
    - 3) Provided with in-line fuse and holder in water tight enclosures.
    - 4) Provided in variable lengths to eliminate all field wiring.
    - 5) Color coded connectors make circuit purpose identification simple.
    - 6) Individually matched quick disconnect plugs for battery, PV and luminaire to charge controller/LED driver.
  - b) Wire Harness Performance:
    - 1) Sealed gasketed connectors prevent dust intrusion IP 66.
    - 2) All wire gauges exceed NEC 2009 wire gauge and maximum current draw by 25%.
7. Solar Lighting Pole, PV Structure
  - a) Pole Type:

Luminaire poles on Warm Springs Creek Bridge shall be Caltrans Type 15 at the locations shown on the plans. Contractor shall furnish the poles in accordance with section 86-2. Poles furnished for the other PV Structure shall comply with the manufacturer specifications and be designed to meet the following requirements. Submit shop drawings and a certificate of compliance for the Engineer's approval prior to furnishing the poles.
  - b) Pole Construction:
    - 1) All aluminum ~~extruded 8" diameter~~ pole with integrated installation channels with bolt down base.
    - 2) Captured bolt-head pole design eliminates pole through-drilling for luminaire mounting.
    - 3) Stainless steel or zinc plated steel hardware for rust-proof and corrosion resistant mounting equipment.
    - 4) Factory supplied with powder coating to match luminaire and battery enclosure precisely.
    - 5) ~~Provided with 3.5" aluminum alloy tenon to support direct mounting of the PV array and battery box.~~
    - 5) Pole meets ANSI C136.36A-2010, for Roadway and Area Lighting Equipment- Aluminum Lighting Poles.
  - c) Pole Performance AASHTO (~~150~~ 100 mph wind zone):

- 
- 1) ~~Maximum EPA of 13 square foot (20 foot pole). EPA as required to meet lighting requirements as specified by the manufacturer for the PV structure.~~
  - 2) ~~Maximum Weight of 190 lbs (incl. base and tenon) and 500 lbs (entire solar light system).~~
  - 3) Independently verified pole strength and base details by licensed Professional Engineer and Test Lab.
- d) PV Support Structure Construction
    - 1) Extruded high strength Aluminum alloy body.
    - 2) Powder coated to match the battery box and luminaire color.
  - e) PV Support Structure Performance:
    - 1) Supports ~~up to 3~~ PV modules as specified by manufacturer for up to ~~150~~ 100 mph wind zone.
    - 2) Top of Pole mount provides selectable tilt options of 5, 15, 30, 45, and 60 degrees.
    - 3) Side of Pole mount provides selectable tilt options of 15 and 45 degrees.
8. Arm Structure
- a) Arm Construction:
    - 1) 2" schedule 40 6063-T6 square aluminum tube with extruded aluminum channel.
    - 2) Satin finish.
    - 3) "A" Rated for corrosion resistance.
    - 4) Universal arm manufactured to "ANSI C136.1"
  - b) Performance:
    - 1) Mounts directly to pole via two (2) thru bolts.

#### **78-1.03 Construction**

Foundations for solar lighting equipment shall conform to section 86-2.03 of the Standard Specifications.

Manufacturer offers and provides pre-installation site survey to certify the proposed system locations and/or provide design assistance for locating systems for photometrics and insolation.

Manufacturer offers and provides factory-certified field service engineer to a site visit to ensure proper installation and operation under following parameters:

1. Qualifications for factory-certified field service engineer:
  - a) Minimum experience of 2 years training in the electrical/electronic field.
  - b) Certified by the equipment manufacturer on the system installed.
2. Make a visit upon completion of installation to:
  - a) Verify connection of system components
  - b) Validate performance
  - c) Train Department's representative on system operation and support
3. Battery Storage and Shipping
  - a) Battery(ies) approved for shipping via ground, air, or sea.
  - b) Battery(ies) retains 80% charge or higher from 2 months of shipment.
  - c) Battery(ies) ship sufficiently charged to operate the light 2 nights without any solar charging.
  - d) If storing batteries for future installation: must be stored inside above ground level or covered with tarp or other material to prevent weather damage.

The Contractor shall provide and verify measurements in the field for work fabricated to fit field conditions as required by ~~grating~~ manufacturer to complete the work.

Install equipment in accordance with manufacturer's installation instructions.

Provide complete installation of system in accordance with Contract Documents.

#### **78-1.04 Payment**

Full compensation for furnishing and installing Solar Lighting System, including all incidental tools and materials, shipping, handling of poles, lighting equipment, foundation construction, conduit

work, and electrical work shall be considered as included in the lump sum price for Solar Lighting System, and no additional compensation will be allowed therefor.

### **MODIFICATIONS / CLARIFICATIONS TO THE PLANS**

**Item 3: Plan sheet revisions.** The following Plan sheets are revised by **Attachment “A”** and made a part hereof:

a. Delete and replace the following five (5) plan sheets from the 2-lane option set:

1. Plan sheet 13 of 191
2. Plan sheet 96 of 191
3. Plan sheet 120 of 191
4. Plan sheet 121 of 191
5. Plan sheet 122 of 191

b. Delete and replace the following five (5) plan sheets from the 4-lane option set:

1. Plan sheet 13 of 195
2. Plan sheet 98 of 195
3. Plan sheet 123 of 195
4. Plan sheet 124 of 195
5. Plan sheet 125 of 195

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

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

### **ATTACHMENTS**

**A – Revised Clinton Keith Road Plan Sheets**

**(5) Plan sheets from the 2-lane option set**

**(5) Plan sheets from the 4-lane option set**

Addendum No. 6

Clinton Keith Road Construction Project – Phase 2, From Whitewood Road to Leon Road

In the City of Murrieta and French Valley Area, Project No. B2-04722

August 6, 2015

Page 11 of 12

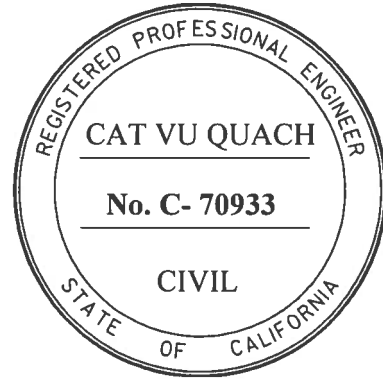
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This addendum has been prepared under the direction of the following registered Civil Engineer(s):

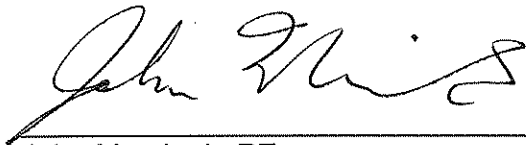


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Cat Vu Quach, PE

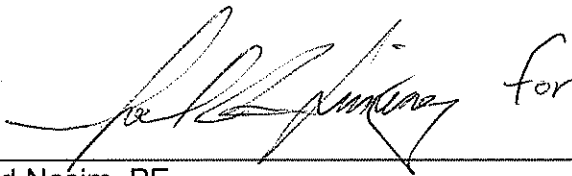


**Recommended By:**



John Marcinek, PE  
County Project Manager

**Concurrence:**

 for

Khalid Nasim, PE  
Engineering Division Manager

**Acknowledged:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
(Contractor)

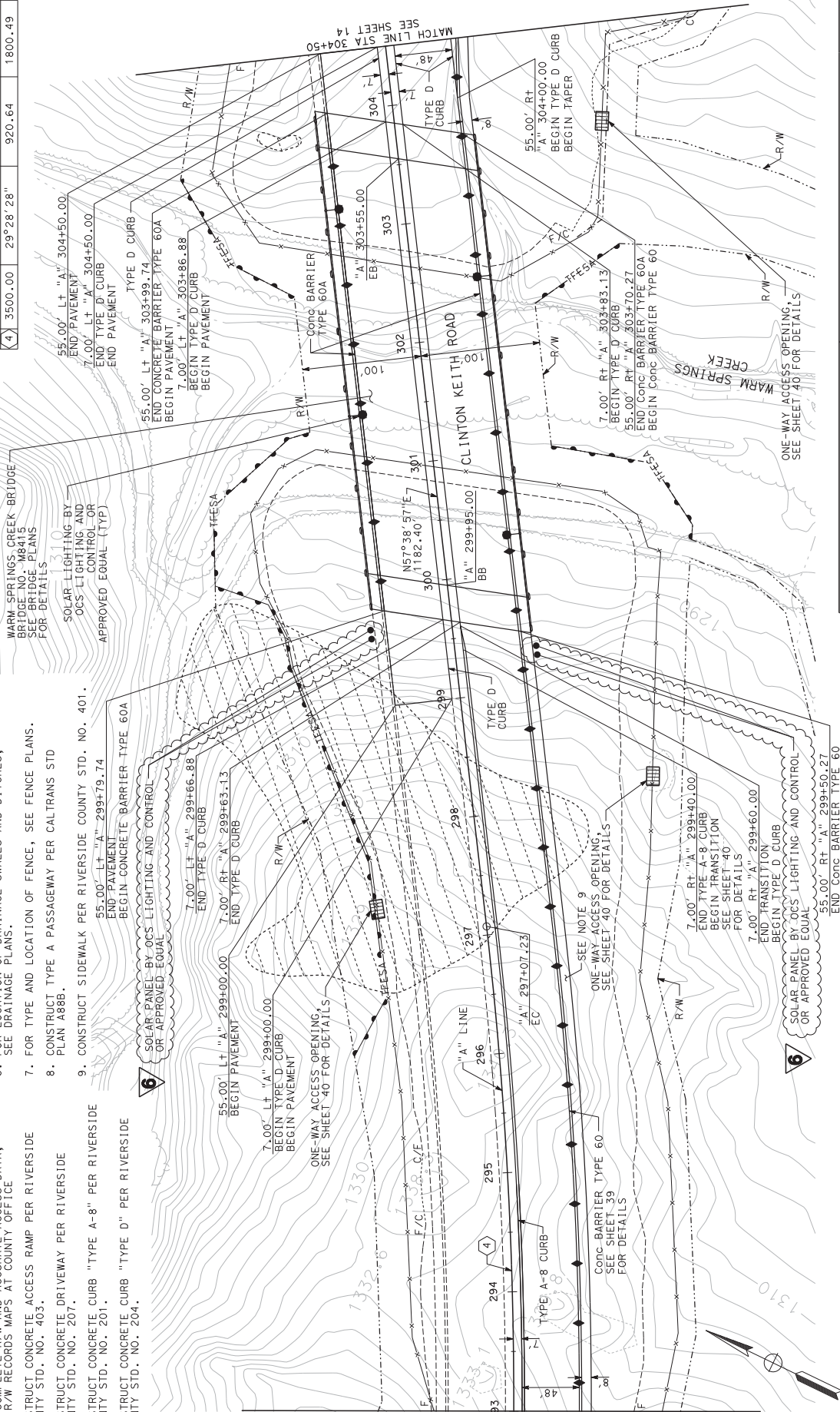
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Note: Refer to Instruction to Bidders Item No. 8, "Addenda". Submission of all addendum pages and non-bidding document attachments of addendum are not necessary for Bid submittal. Submittal of this acknowledgement page is adequate for Bid reception.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

NOTES:

1. FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORDS MAPS AT COUNTY OFFICE
2. CONSTRUCT CONCRETE ACCESS RAMP PER RIVERSIDE COUNTY STD. NO. 405.
3. CONSTRUCT CONCRETE DRIVEWAY PER RIVERSIDE COUNTY STD. NO. 207.
4. CONSTRUCT CONCRETE CURB "TYPE A-8" PER RIVERSIDE COUNTY STD. NO. 201.
5. CONSTRUCT CONCRETE CURB "TYPE D" PER RIVERSIDE COUNTY STD. NO. 204.
6. FOR LOCATION OF DRAINAGE SWALES AND DITCHES, SEE DRAINAGE PLANS.
7. FOR TYPE AND LOCATION OF FENCE, SEE FENCE PLANS.
8. CONSTRUCT TYPE A PASSAGEWAY PER CALTRANS STD PLAN A888.
9. CONSTRUCT SIDEWALK PER RIVERSIDE COUNTY STD. NO. 401.

CURVE DATA				
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DON'T DRINK... UNTIL YOU GULP U.S.A. TOLL FREE  
800-227-2600  
for information  
on the location  
of a utility line.  
Don't disrupt  
vital services.  
TWO WARNING DAYS BEFORE YOU DIG

**6 REVISED PER ADDENDUM No. 6**

40 0 40 80 120

SCALE: 1" = 40' HOR

**CH2MHILL ENGINEERING COMPANY**

APPROVED BY: *Wesley L. Carson*  
PROJECT MANAGER  
APRIL 14, 2015  
DATE

DESIGNED BY: *Wesley L. Carson*  
CHECKED BY: *Wesley L. Carson*  
DATE

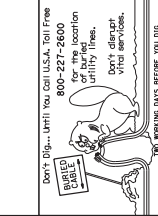
**CLINTON KEITH ROAD**  
FROM  
WHITEWOOD ROAD TO LEON ROAD

**962-W**

13 of 191



1. FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORDS MAPS AT COUNTY OFFICE.



SCALE: 1" = 40' HOR

**CH2MHILL**

DESIGNED BY	DRAWN BY	CHECKED BY
CO	UP	CO

WHITEWOOD ROAD TO LEON ROAD

**962-W**



Z = Luminaire Mounting Height

Expanded Luminaire Location Summary		
LumNo	Label	Z
1	Fixture C	29
2	Fixture C	29
3	Fixture C	29
4	Fixture C	29
Total Quantity: 4		

#### Luminaire Schedule

Symbol	Qty	Label	Description	Lum. Watts	Arm
□	4	Fixture C	RL-60LU-5K-4 - 109 lm per watt	120	8

#### Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Roadway	Illuminance	Fc	0.72	1.8	0.2	3.60	9.00
Lane 1	Illuminance	Fc	0.74	1.6	0.2	3.70	8.00
Lane 2	Illuminance	Fc	0.71	1.7	0.2	3.55	8.50

### Project Fixtures



Fixture C

The calculations provided in this report are predicted lighting levels based on the above described input data and characteristics. All information should be reviewed for accuracy, understanding and agreement with all information. Any discrepancies should be noted and the preparer of this report immediately advised to clarify or change as required.

Actual lighting levels may vary from this report due to a variety of circumstances, such as: reflectances, voltage variations, fixture spacing, mounting heights, mounting angles, mounting locations, mounting orientations, etc. Room is considered completely empty unless noted otherwise above. Unless specifically stated otherwise, predicted foot candles are not a recommendation of lighting levels.

Solar Electric Power Company (SEPCO) assumes no responsibility for any such variances and will not be held responsible for lighting levels different from predicted levels in this report. Recipient of this report, or someone designated by recipient, must verify that lighting fixtures physically fit within the specified location(s). Catalog numbers of lighting fixtures may not be complete as all conditions may not be known.

Drawn By: Bud Straszewski	Checked By: _____	Date: 8/6/2015	Scale: _____
Creek Bridge			
Warm Springs			
Page 1 of 3			

Rev	Date	Comments
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1721 SE Palm Court, Stuart, FL 34994  
P (772) 220-6615 F (772) 220-8616

**SEPCO**  
SOLAR ELECTRIC POWER COMPANY  
Florida Electric Power Company

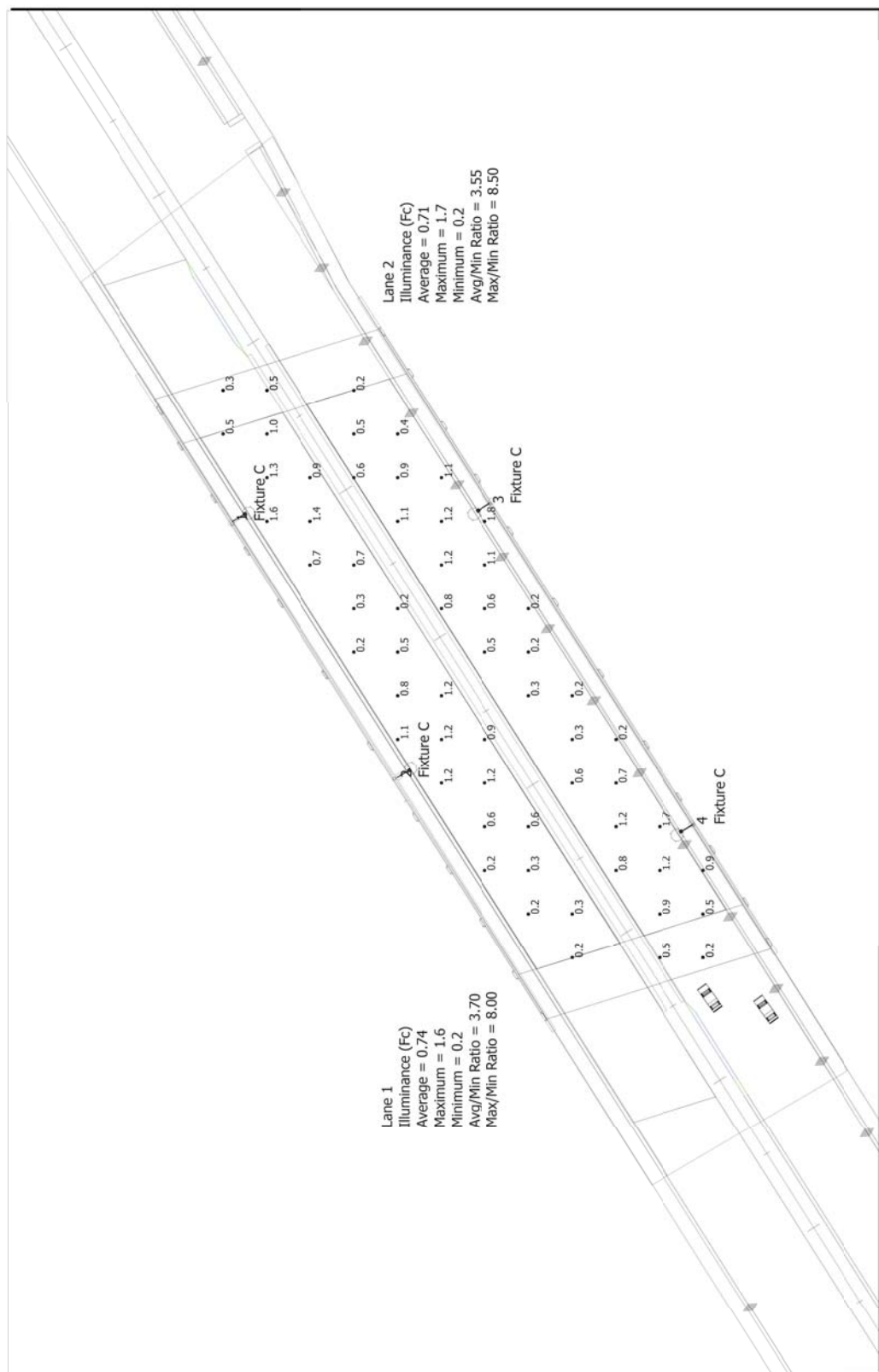


6

REVISED PER ADDENDUM No. 6

<b>CH2MHILL ENGINEERING COMPANY</b>	<b>SOLAR LIGHTING</b>	<b>SHEET</b>
APPROVED BY: <i>Wesley L. Carson</i> Wesley L. Carson PROJECT MANAGER APRIL 14, 2015 DATE	<b>CLINTON KEITH ROAD</b> FROM WHITWOOD ROAD TO LEON ROAD	120 & 191
DESIGNED BY: _____ DRAWN BY: _____ CHECKED BY: _____		962-W

PROJECT B2-0472 ARCHIVE No. 962-W




Model Layout with 25 X 25 Calculation Grid

REVISÉ PER ADDENDUM No. 6



APPROVED BY: *Alicia L Cannon* APRIL 14, 2015  
ALICIA L CANNON  
PROJECT MANAGER

DESIGNED BY: \_\_\_\_\_ DRAWN BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_

 PROFESSIONAL ENGINEER  
ALICIA L CANNON  
No. C-69168  
EXPIRES 06/30/16  
STATE OF UTAH  
REGISTERED CIVIL ENGINEER

**CLINTON KEITH ROAD**  
FROM  
WHITEWOOD ROAD TO LEON ROAD

## SOLAR LIGHTING

SHEET

**962-W**

PROJECT No.	B2-0472	ARCHIVE No.
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**962-W**

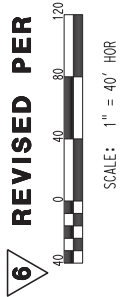
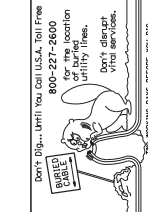
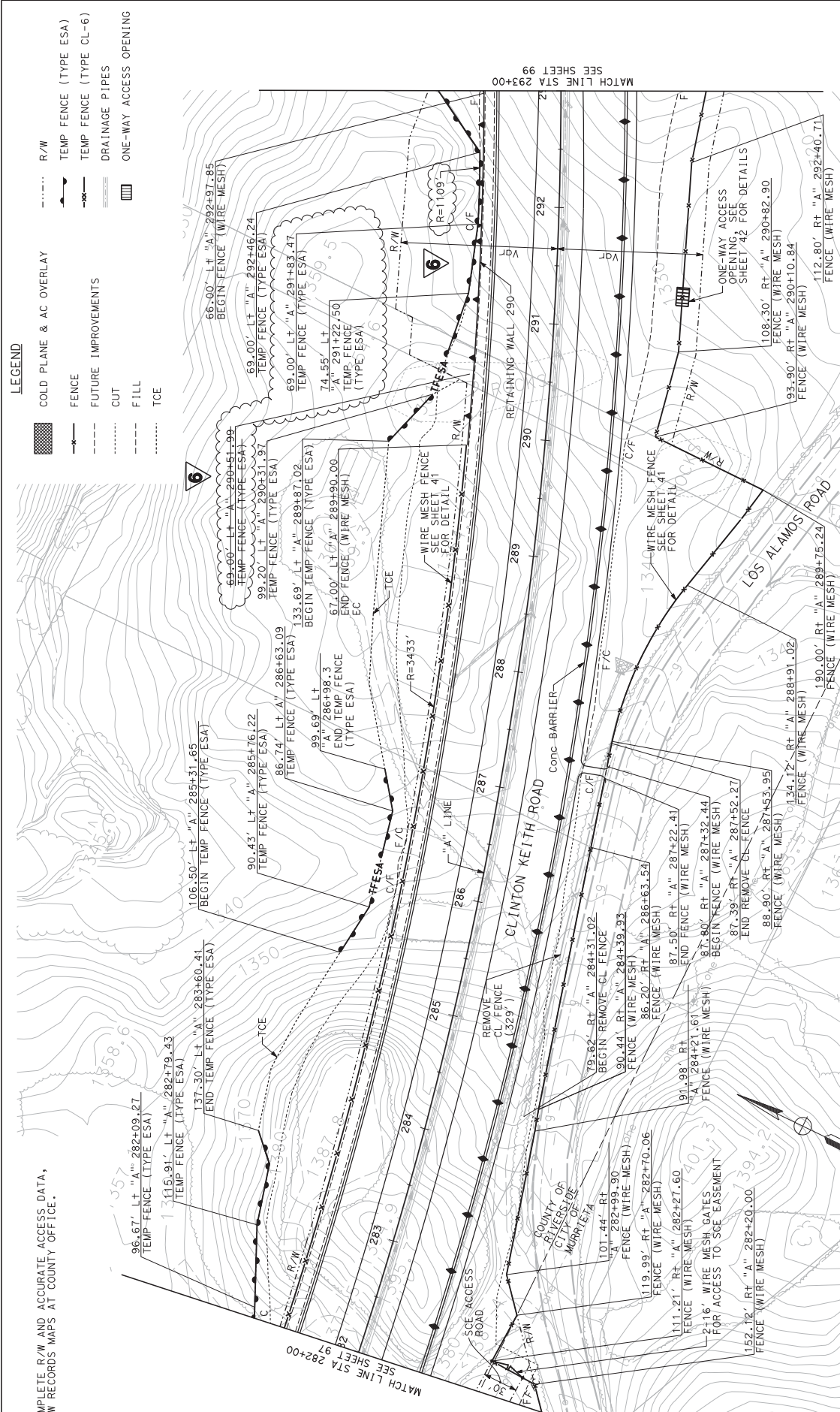






NOTES:

1. FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORDS MAPS AT COUNTY OFFICE.



6 REVISED PER ADDENDUM No. 6

CH2MHILL ENGINEERING COMPANY		FENCE PLAN		SHEET
<div><div><div>APPROVED BY</div><div></div><div>APRIL 14, 2015</div><div>DATE</div></div><div><div>PROJECT MANAGER</div><div><div>DESIGNED BY</div><div>DR. BY</div><div>CHECKED BY</div></div><div>CO. RF. AC.</div></div></div>		CLINTON KEITH ROAD FROM WHITWOOD ROAD TO LEON ROAD		
<div><div><div>PROFESSIONAL ENGINEER</div><div>LUCIA L. CANNON</div><div>S. 63168</div><div>0406230270</div><div>EXPIRATION DATE</div><div>06/30/2021</div></div><div><div>REGISTERED</div><div>STATE OF MISSISSIPPI</div><div>0000000000</div></div></div>				98 of 195

Z = Luminaire Mounting Height

Expanded Luminaire Location Summary		
LumNo	Label	Z
1	Fixture C	29
2	Fixture C	29
3	Fixture C	29
4	Fixture C	29
Total Quantity: 4		

#### Luminaire Schedule

Symbol	Qty	Label	Description	Lum. Watts	Arm
□	4	Fixture C	RL-60LU-5K-4 - 109 lm per watt	120	8

#### Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Roadway	Illuminance	Fc	0.72	1.8	0.2	3.60	9.00
Lane 1	Illuminance	Fc	0.74	1.6	0.2	3.70	8.00
Lane 2	Illuminance	Fc	0.71	1.7	0.2	3.55	8.50

### Project Fixtures



Fixture C

The calculations provided in this report are predicted lighting levels based on the above described input data and characteristics. All information should be reviewed for accuracy, understanding and agreement with all information. Any discrepancies should be noted and the preparer of this report immediately advised to clarify or change as required.

Actual lighting levels may vary from this report due to a variety of circumstances, such as: reflectances, voltage variations, fixture spacing, mounting heights, mounting angles, mounting locations, mounting orientations, etc. Room is considered completely empty unless noted otherwise above. Unless specifically stated otherwise, predicted foot candles are not a recommendation of lighting levels.

Solar Electric Power Company (SEPCO) assumes no responsibility for any such variances and will not be held responsible for lighting levels different from predicted levels in this report. Recipient of this report, or someone designated by recipient, must verify that lighting fixtures physically fit within the specified location(s). Catalog numbers of lighting fixtures may not be complete as all conditions may not be known.



**6** REVISED PER ADDENDUM No. 6



APPROVED BY:  
*Lucia L. Cannon*  
APRIL 14, 2015  
DATE  
PROJECT MANAGER

DESIGNED BY: DRAIN BY: CHECKED BY:

**CH2MHILL ENGINEERING COMPANY**

**SOLAR LIGHTING**

**SHEET**

**CLINTON KEITH ROAD**  
FROM  
WHITWOOD ROAD TO LEON ROAD

123 & 195

PROJECT B2-0472 ARCHIVE No. **962-W**

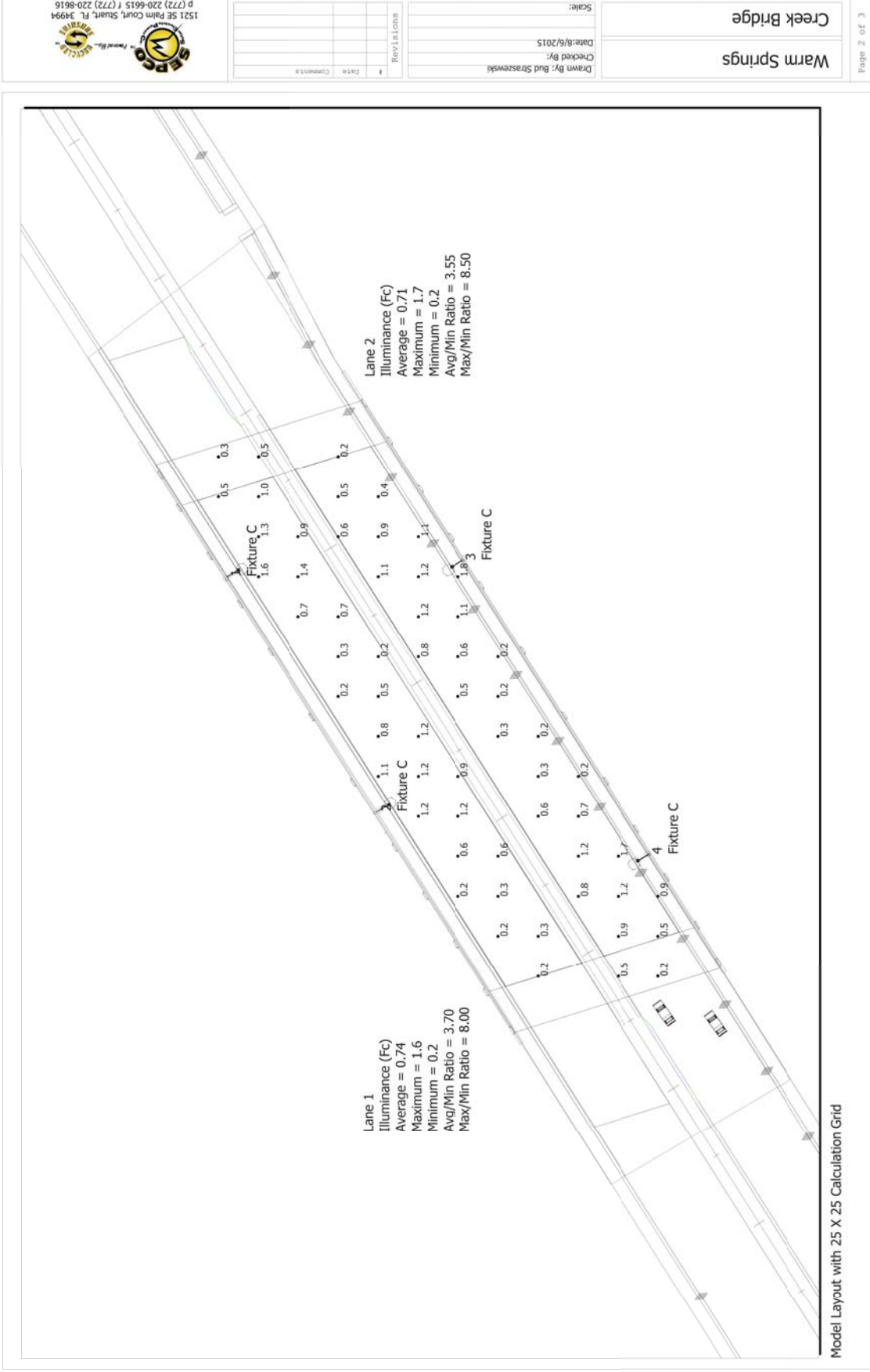
Warm Springs  
Creek Bridge

Scale:  
Date: 8/6/2015  
Checked By:  
Drawn By: Bud Straszewski

Revisions

# Date Comments





Warm Springs Creek Bridge

Page 2 of 3

Drawn By: Bud Straszewski

Checked By:

Date: 8/6/2015

Scale:

Revisions

#	Date	Comments

1521 SE Palm Court, Stuart, FL 34994  
P (772) 220-6615 F (772) 220-8616

6

REVISED PER ADDENDUM No. 6

Don't Dig... UNTIL You Call U.S.A. Toll Free 800-227-2600 or your local utility location or utility lines. Don't disrupt vital services. TO WORKING DAYS BEFORE YOU DIG

CH2MHILL ENGINEERING COMPANY

APPROVED BY:   
LISA L. CANNON  
PROJECT MANAGER  
APRIL 14, 2015  
DATE

DESIGNED BY:   
DRAIN BY:   
CHECKED BY:

SOLAR LIGHTING

CLINTON KEITH ROAD  
FROM  
WHITWOOD ROAD TO LEON ROAD

124 & 195

962-W

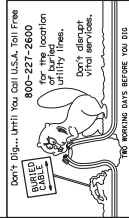
PROJECT B2-0472

ARCHIVE No.

ADDENDUM No. 6, Page 21 of 22



Renderings



**6** REVISED PER ADDENDUM No. 6

CH2MHILL ENGINEERING COMPANY	SOLAR LIGHTING	SHEET
<div>APPROVED BY: <i>Wesley L. Carter</i> APRIL 14, 2015 PROJECT MANAGER DESIGNED BY: _____ DRAWN BY: _____ CHECKED BY: _____</div> <div>PROFESSIONAL ENGINEER No. 05918 State of Florida DATE: APR 14, 2015</div>	<b>CLINTON KEITH ROAD</b> FROM WHITEWOOD ROAD TO LEON ROAD	125 & 195

PROJECT B2-0472 ARCHIVE No. **962-W**

Warm Springs	Creek Bridge	
Drawn By: Bud Straszewski	Checked By: _____	
Date: 8/6/2015	Scale: _____	
Revisions		
#	Date	Comments



1521 SE Palm Court, Stuart, FL 34994  
P (772) 220-6615 F (772) 220-8616

Riverside County Contract No. \_\_\_\_\_

## **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 **SUKUT CONSTRUCTION, LLC**, hereafter called "Contractor".

### **W I T N E S S E T H**

#### **Recitals:**

1. Contractor has submitted to County his Contractor's Proposal for the construction of County Project, **Clinton Keith Road Construction Project – Phase 2, From Whitewood Road to Leon Road, In the City of Murrieta and French Valley Area, Project No. B2-04722**, 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 to Bidders, (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 (**Six**), (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.

**Clinton Keith Road Construction Project – Phase 2  
From Whitewood Road to Leon Road  
In the City of Murrieta and French Valley Area  
Project No. B2-04722**

**Contract**

**ALTERNATE BID SCHEDULE 1 – CLINTON KEITH ROAD, 2-LANE OPTION**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
1	016101	OBTAIN ENCROACHMENT PERMIT	FA	1	0.00	0.00
2	017101	MANHOLE (RCFC & WCDS MH 251)	EA	15	0.00	0.00
3	017103	MANHOLE (RCFC & WCDS MH 252)	EA	8	0.00	0.00
4	017105	JUNCTION STRUCTURE (RCFC & WCDS JS 227)	EA	17	0.00	0.00
5	017114	TRANSITION STRUCTURE (RCFC & WCDS TS 303)	EA	1	0.00	0.00
6	017305	MINOR CONCRETE (TYPE A-8 CURB) (CRS 201)	LF	9,141	0.00	0.00
7	017306	MINOR CONCRETE (CURB RAMP) (CRS 403)	EA	5	0.00	0.00
8	017307	MINOR CONCRETE (TYPE "C" CURB) (CRS 202)(MOD)	LF	257	0.00	0.00
9	017309	MINOR CONCRETE (TYPE "D" CURB) (CRS 204)	LF	4,008	0.00	0.00
10	019902	COURSE OF CONSTRUCTION INSURANCE	LS	1	0.00	0.00
11	000001	ITEM DELETED BY ADDENDUM No. 5	----	-----	-----	-----
12	066102	DUST ABATEMENT	LS	1	0.00	0.00
13	066105	RESIDENT ENGINEERS OFFICE	LS	1	0.00	0.00
14	066610	PARTNERING	LS	1	0.00	0.00
15	070010	PROGRESS SCHEDULE (CRITICAL PATH)	LS	1	0.00	0.00
16	070030	LEAD COMPLIANCE PLAN	LS	1	0.00	0.00
17	071321	TEMPORARY FENCE (TYPE CL-6)	LF	908	0.00	0.00
18	071325	TEMPORARY FENCE (TYPE ESA)	LF	2,770	0.00	0.00
19	074016	CONSTRUCTION SITE MANAGEMENT	LS	1	0.00	0.00
20	120090	CONSTRUCTION AREA SIGNS	LS	1	0.00	0.00
21	120100	TRAFFIC CONTROL SYSTEM	LS	1	0.00	0.00
22	120165	CHANNELIZER (SURFACE MOUNTED)	EA	17	0.00	0.00
23	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	0.00	0.00
24	150606	REMOVE FENCE (TYPE BW)	LF	1,197	0.00	0.00
25	150608	REMOVE CHAIN LINK FENCE	LF	3,179	0.00	0.00
26	000003	REMOVE CHAIN LNK FENCE (SLATTED)	LF	285	0.00	0.00
27	150662	REMOVE METAL BEAM GUARD RAIL	LF	110	0.00	0.00
28	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	7,913	0.00	0.00
29	150712	REMOVE PAINTED PAVEMENT MARKING	SQFT	1,104	0.00	0.00
30	150742	REMOVE ROADSIDE SIGN	EA	13	0.00	0.00
31	150771	REMOVE ASPHALT CONCRETE DIKE	LF	35	0.00	0.00
32	152390	RELOCATE ROADSIDE SIGN	EA	4	0.00	0.00
33	153103	COLD PLANE AND ASPHALT CONCRETE PAVEMENT	SQYD	632	0.00	0.00
34	153130	REMOVE CONCRETE CURB	LF	77	0.00	0.00
35	153121	REMOVE CONCRETE (CURB AND GUTTER)	LF	348	0.00	0.00

## Contract (continued)

### ALTERNATE BID SCHEDULE 1 – CLINTON KEITH ROAD, 2-LANE OPTION

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
36	153218	REMOVE CONCRETE SIDEWALK	SQFT	1,534	0.00	0.00
37	153242A	REMOVE CONCRETE (CURB RAMP)	EA	1	0.00	0.00
38	160101	CLEARING AND GRUBBING	LS	1	0.00	0.00
39	170101	DEVELOP WATER SUPPLY	LS	1	0.00	0.00
40	(F) 190101	ROADWAY EXCAVATION	CY	420,501	0.00	0.00
41	190160	ROCK EXCAVATION	CY	70,000	0.00	0.00
42	(F) 192003	STRUCTURE EXCAVATION (BRIDGE)	CY	954	0.00	0.00
43	(F) 192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	2,974	0.00	0.00
44	(F) 193003	STRUCTURE BACKFILL (BRIDGE)	CY	585	0.00	0.00
45	(F) 193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	2,432	0.00	0.00
46	(F) 193031	PERVIOUS BACKFILL (RETAINING WALL)	CY	81	0.00	0.00
47	198205A	SUBGRADE ENHANCEMENT GEOTEXTILE (MULTI-AXIAL)	SQYD	52,975	0.00	0.00
48	201600A	CONCRETE PAVER (TURFSTONE)	SQFT	1,800	0.00	0.00
49	203031	EROSION CONTROL (TYPE D)	SQFT	22,486	0.00	0.00
50	204099	PLANT ESTABLISHMENT WORK	LS	1	0.00	0.00
51	210250	EROSION CONTROL (BONDED FIBER MATRIX WITH SEEDS)	SQFT	1,201,338	0.00	0.00
52	210350	FIBER ROLLS	LF	69,185	0.00	0.00
53	210430A	HYDROSEED (WILDLIFE OVERCROSSING)	SQFT	137,692	0.00	0.00
54	210430B	HYDROSEED (RIPARIAN AREA)	SQFT	25,102	0.00	0.00
55	220101	FINISHING ROADWAY	LS	1	0.00	0.00
56	260203	CLASS 2 AGGREGATE BASE	CY	14,127	0.00	0.00
57	270014	CEMENT TREATED BASE (PLANT-MIXED, CLASS A) [BUS TURNOUT]	CY	86	0.00	0.00
58	390129	HOT MIX ASPHALT (TYPE C)	TON	10,821	0.00	0.00
59	390132	HOT MIX ASPHALT (TYPE A)	TON	7,240	0.00	0.00
60	394075	PLACE HOT MIX ASPHALT DIKE (TYPE D)	LF	1,414	0.00	0.00
61	405030	PORTLAND CEMENT CONCRETE [BUS TURNOUT]	CY	122	0.00	0.00
62	490603	24" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	3,621	0.00	0.00
63	490617	90" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	374	0.00	0.00
64	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	1	0.00	0.00
65	(F) 510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	313	0.00	0.00
66	(F) 510053	STRUCTURAL CONCRETE, BRIDGE	CY	4,342	0.00	0.00
67	(F) 510060	STRUCTURAL CONCRETE (RETAINING WALL)	CY	620	0.00	0.00
68	(F) 510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	293	0.00	0.00
69	(F) 510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	249	0.00	0.00
70	510502A	MINOR CONCRETE (RETAINING WALL)	CY	11	0.00	0.00
71	(F) 510526	MINOR CONCRETE (BACKFILL)	CY	9	0.00	0.00
72	(F) 511035	FRACTURED BASALT TEXTURE	SQFT	3,582	0.00	0.00
73	519092	JOINT SEAL ASSEMBLY (MR=2 1/2")	LF	273	0.00	0.00
74	(F) 519200A	WILDLIFE OVERCROSSING AND RETAINING WALL SYSTEM	LS	1	0.00	0.00

## Contract (continued)

### ALTERNATE BID SCHEDULE 1 – CLINTON KEITH ROAD, 2-LANE OPTION

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
75	519205A	WILDLIFE UNDERCROSSING SKYLIGHT	EA	6	0.00	0.00
76	(F) 520102	BAR REINFORCING STEEL (BRIDGE)	LB	1,233,974	0.00	0.00
77	(F) 520103	BAR REINFORCING STEEL (RETAINING WALL)	LB	59,816	0.00	0.00
78	560252	FURNISH SINGLE SHEET ALUMINUM SIGN (0.80" - FRAMED)	SQFT	397	0.00	0.00
79	566011	ROADSIDE SIGN - ONE POST	EA	66	0.00	0.00
80	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	7	0.00	0.00
81	598001	ANTI-GRAFFITI COATING	SQFT	3,582	0.00	0.00
82	641125	36" PLASTIC PIPE	LF	428	0.00	0.00
83	650411	18" REINFORCED CONCRETE PIPE (CLASS IV)	LF	592	0.00	0.00
84	650416	24" REINFORCED CONCRETE PIPE (CLASS IV)	LF	4,510	0.00	0.00
85	650420	30" REINFORCED CONCRETE PIPE (CLASS IV)	LF	1,095	0.00	0.00
86	650424	36" REINFORCED CONCRETE PIPE (CLASS IV)	LF	1,958	0.00	0.00
87	650440	60" REINFORCED CONCRETE PIPE (CLASS IV)	LF	534	0.00	0.00
88	650480A	36" WILDLIFE CULVERT	LF	415	0.00	0.00
89	650432	48" REINFORCED CONCRETE PIPE (CLASS IV)	LF	234	0.00	0.00
90	665117	18" BITUMINOUS COATED STEEL PIPE (0.079" THICK)	LF	151	0.00	0.00
91	665136	36" BITUMINOUS COATED STEEL PIPE (0.079" THICK)	LF	134	0.00	0.00
92	665137	36" BITUMINOUS COATED STEEL PIPE RISER (0.109" THICK)	LF	24	0.00	0.00
92.A	692007	18" ENTRANCE TAPER	EA	2	0.00	0.00
93	703233	GRATED LINE DRAIN	LF	1,738	0.00	0.00
94	705011	18" STEEL FLARED END SECTION	EA	2	0.00	0.00
95	705048	36" STEEL FLARED END SECTION	EA	1	0.00	0.00
96	000001	ITEM DELETED BY ADDENDUM No. 1	----	----	-----	-----
97	721015	ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	257	0.00	0.00
98	721017	ROCK SLOPE PROTECTION (FACING, METHOD B)	CY	3,109	0.00	0.00
99	(F) 721030	ROCK SLOPE PROTECTION (1/2 TON, METHOD B)	CY	117	0.00	0.00
100	729010	ROCK SLOPE PROTECTION FABRIC	SQYD	7,115	0.00	0.00
100.A	731511	MINOR CONCRETE (ISLAND PAVING)	CY	58	0.00	0.00
100.B	000003	MINOR CONCRETE (PEDESTRIAN GUARD)	LF	81	0.00	0.00
101	731516	MINOR CONCRETE (DRIVEWAY)	CY	17	0.00	0.00
102	731521	MINOR CONCRETE (SIDEWALK)	CY	765	0.00	0.00
103	(F) 750001	MISCELLANEOUS IRON AND STEEL	LB	11,274	0.00	0.00
104	(F) 750501	MISCELLANEOUS METAL (BRIDGE)	LB	38,307	0.00	0.00
105	800000A	ONE WAY ACCESS OPENING	EA	9	0.00	0.00
106	800300	WIRE MESH FENCE (3/8"x3/8" MESH)	LF	9,265	0.00	0.00
107	800360	CHAIN LINK FENCE (TYPE CL-6)	LF	1,775	0.00	0.00
108	800360A	FENCE (TYPE BW)	LF	870	0.00	0.00
109	800365	CHAIN LINK FENCE (TYPE CL-6,SLATTED)	LF	290	0.00	0.00
110	801100	WIRE MESH GATE (3/8"x3/8" MESH)	EA	6	0.00	0.00

## Contract (continued)

### ALTERNATE BID SCHEDULE 1 – CLINTON KEITH ROAD, 2-LANE OPTION

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
111	801365A	TUBULAR STEEL GATE	EA	3	0.00	0.00
112	802620	16' CHAIN LINK GATE (TYPE CL-6)	EA	2	0.00	0.00
113	(F) 833000	METAL RAILING	LF	840	0.00	0.00
114	839521	CABLE RAILING	LF	302	0.00	0.00
115	839601	CRASH CUSHION (TYPE CAT)	EA	2	0.00	0.00
116	839602	CRASH CUSHION (TYPE CAT BACKUP)	EA	2	0.00	0.00
117	839701	CONCRETE BARRIER (TYPE 60)	LF	4,210	0.00	0.00
118	(F) 839702	CONCRETE BARRIER (TYPE 60A)	LF	840	0.00	0.00
119	839703	CONCRETE BARRIER (TYPE 60C)	LF	34	0.00	0.00
120	839705	CONCRETE BARRIER (TYPE 60E MODIFIED)	LF	220	0.00	0.00
121	(F) 839727	CONCRETE BARRIER (TYPE 736 MODIFIED)	LF	840	0.00	0.00
122	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	91,938	0.00	0.00
123	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	5,961	0.00	0.00
124	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	2,321	0.00	0.00
125	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	1,873	0.00	0.00
126	860251	SIGNAL AND LIGHTING (CLINTON KEITH/ TROIS VALLEY)	LS	1	0.00	0.00
127	860556	SOLAR LIGHTING ON WILDLIFE CROSSING ( 8 LIGHTS)	LS	1	0.00	0.00
128	860557	SOLAR LIGHTING ON WARM SPRINGS CREEK BRIDGE (4 LIGHTS)	LS	1	0.00	0.00
129	(F) 860704A	2" INTERCONNECT CONDUIT AND TRACER WIRE	LF	2,550	0.00	0.00
130	861497	MODIFY SIGNAL AND LIGHTING (CLINTON KEITH/WHITEWOOD)	LS	1	0.00	0.00
131	869039A	NO.6 PULL BOX	EA	9	0.00	0.00
132	760090	MOBILIZATION, DEMOBILIZATION, AND FINAL CLEAN UP	LS	1	0.00	0.00
132.A	20052A	TREE TOPPING	LS	1	0.00	0.00
132.B	000003	DRAINAGE INLET FILTRATION SYSTEM (KRISTAR FLOGARD)	EA	1	0.00	0.00
132.C	000003	DRAINAGE INLET FILTRATION SYSTEM (CLEARWATER)	EA	1	0.00	0.00

ALTERNATE

BID No. 1:

ITEMS 1-132.C

**“Not Selected for Award”**

“WORDS”

**\$0.00**



## Contract (continued)

### ALTERNATE BID SCHEDULE 2: CLINTON KEITH ROAD, 4-LANE OPTION

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
133	016101	OBTAIN ENCROACHMENT PERMIT	FA	1	5,000.00	5,000.00
134	017101	MANHOLE (RCFC & WCDS MH 251)	EA	11	5,000.00	55,000.00
135	017103	MANHOLE (RCFC & WCDS MH 252)	EA	6	5,000.00	30,000.00
136	017701A	MODIFIED MANHOLE 1	EA	4	4,800.00	19,200.00
137	017701B	MODIFIED MANHOLE 2	EA	2	4,800.00	9,600.00
138	017105	JUNCTION STRUCTURE (RCFC & WCDS JS 227)	EA	17	1,700.00	28,900.00
139	017114	TRANSITION STRUCTURE (RCFC & WCDS TS 303)	EA	1	8,000.00	8,000.00
140	017305	MINOR CONCRETE (TYPE A-8 CURB) (CRS 201)	LF	12,316	17.50	215,530.00
141	017306	MINOR CONCRETE (CURB RAMP) (CRS 403)	EA	7	2,700.00	18,900.00
142	017309	MINOR CONCRETE (TYPE "D" CURB) (CRS 204)	LF	1,273	15.50	19,731.50
143	019902	COURSE OF CONSTRUCTION INSURANCE	LS	1	56,000.00	56,000.00
144	000001	ITEM DELETED BY ADDENDUM No. 5	----	-----	-----	-----
145	066102	DUST ABATEMENT	LS	1	46,500.00	46,500.00
146	066105	RESIDENT ENGINEERS OFFICE	LS	1	37,000.00	37,000.00
147	066610	PARTNERING	LS	1	10,000.00	10,000.00
148	070010	PROGRESS SCHEDULE (CRITICAL PATH)	LS	1	15,000.00	15,000.00
149	070030	LEAD COMPLIANCE PLAN	LS	1	6,000.00	6,000.00
150	071321	TEMPORARY FENCE (TYPE CL-6)	LF	908	11.00	9,988.00
151	071325	TEMPORARY FENCE (TYPE ESA)	LF	2,770	2.00	5,540.00
152	074016	CONSTRUCTION SITE MANAGEMENT	LS	1	775,000.00	775,000.00
153	120090	CONSTRUCTION AREA SIGNS	LS	1	24,000.00	24,000.00
154	120100	TRAFFIC CONTROL SYSTEM	LS	1	12,000.00	12,000.00
155	120165	CHANNELIZER (SURFACE MOUNTED)	EA	17	50.00	850.00
156	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	21,000.00	21,000.00
157	150606	REMOVE FENCE (TYPE BW)	LF	1,197	3.00	3,591.00
158	150608	REMOVE CHAIN LINK FENCE	LF	3,179	3.00	9,537.00
159	150608A	REMOVE WROUGHT IRON FENCE	LF	185	8.00	1,480.00
160	000003	REMOVE CHAIN LINK FENCE (SLATTED)	LF	285	4.00	1,140.00
161	150662	REMOVE METAL BEAM GUARD RAIL	LF	110	6.00	660.00
162	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	7,913	0.65	5,143.45
163	150712	REMOVE PAINTED PAVEMENT MARKING	SQFT	1,104	1.85	2,042.40
164	150742	REMOVE ROADSIDE SIGN	EA	12	75.00	900.00
165	150771	REMOVE ASPHALT CONCRETE DIKE	LF	35	8.00	280.00
166	152353	RECONSTRUCT IRRIGATION SYSTEM (TROI VALLEY)	LS	1	10,500.00	10,500.00
167	152390	RELOCATE ROADSIDE SIGN	EA	3	150.00	450.00
168	153103	COLD PLANE AND ASPHALT CONCRETE PAVEMENT	SQYD	632	6.00	3,792.00
169	153130	REMOVE CONCRETE CURB	LF	77	14.00	1,078.00
170	153121	REMOVE CONCRETE (CURB AND GUTTER)	LF	348	12.00	4,176.00
171	153218	REMOVE CONCRETE SIDEWALK	SQFT	1,534	1.00	1,534.00
172	153242A	REMOVE CONCRETE (CURB RAMP)	EA	1	325.00	325.00

## Contract (continued)

### ALTERNATE BID SCHEDULE 2: CLINTON KEITH ROAD, 4-LANE OPTION

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
173	160101	CLEARING AND GRUBBING	LS	1	250,000.00	250,000.00
174	170101	DEVELOP WATER SUPPLY	LS	1	50,000.00	50,000.00
175	(F) 190101	ROADWAY EXCAVATION	CY	429,067	6.50	2,788,935.50
176	190160	ROCK EXCAVATION	CY	70,000	1.75	122,500.00
177	(F) 192003	STRUCTURE EXCAVATION (BRIDGE)	CY	954	7.00	6,678.00
178	(F) 192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	7,991	12.00	95,892.00
179	(F) 193003	STRUCTURE BACKFILL (BRIDGE)	CY	585	46.00	26,910.00
180	(F) 193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	6,548	6.00	39,288.00
181	(F) 193031	PERVIOUS BACKFILL (RETAINING WALL)	CY	341	42.00	14,322.00
182	198205A	SUBGRADE ENHANCEMENT GEOTEXTILE (MULTI-AXIAL)	SQYD	72,678	4.00	290,712.00
183	201600A	CONCRETE PAVER (TURFSTONE)	SQFT	1,800	13.00	23,400.00
184	203031	EROSION CONTROL (TYPE D)	SQFT	22,486	0.15	3,372.90
185	204099	PLANT ESTABLISHMENT WORK	LS	1	10,500.00	10,500.00
186	210250	EROSION CONTROL (BONDED FIBER MATRIX WITH SEEDS)	SQFT	996,422	0.16	159,427.52
187	210350	FIBER ROLLS	LF	73,420	2.65	194,563.00
188	210430B	HYDROSEED (WILDLIFE OVERCROSSING)	SQFT	137,692	0.28	38,553.76
189	210430C	HYDROSEED (RIPARIAN AREA)	SQFT	25,102	0.13	3,263.26
190	220101	FINISHING ROADWAY	LS	1	9,500.00	9,500.00
191	260203	CLASS 2 AGGREGATE BASE	CY	19,701	16.50	325,066.50
192	270014	CEMENT TREATED BASE (PLANT-MIXED, CLASS A) [BUS TURNOUT]	CY	143	160.00	22,880.00
193	390129	HOT MIX ASPHALT (TYPE C)	TON	14,812	66.00	977,592.00
194	390132	HOT MIX ASPHALT (TYPE A)	TON	9,900	66.00	653,400.00
195	405030	PORTLAND CEMENT CONCRETE [BUS TURNOUT]	CY	204	250.00	51,000.00
196	490603	24" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	3,621	265.00	959,565.00
197	490617	90" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	374	2,900.00	1,084,600.00
198	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	1	120,000.00	120,000.00
199	(F) 510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	313	300.00	93,900.00
200	(F) 510053	STRUCTURAL CONCRETE, BRIDGE	CY	4,342	750.00	3,256,500.00
201	(F) 510060	STRUCTURAL CONCRETE (RETAINING WALL)	CY	1,437	350.00	502,950.00
202	(F) 510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	293	785.00	230,005.00
203	(F) 510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	236	875.00	206,500.00
204	510502A	MINOR CONCRETE (RETAINING WALL)	CY	26	1,500.00	39,000.00
205	(F) 510526	MINOR CONCRETE (BACKFILL)	CY	9	215.00	1,935.00
206	(F) 511035	FRACTURED BASALT TEXTURE	SQFT	11,433	8.75	100,038.75
207	519092	JOINT SEAL ASSEMBLY (MR=2 1/2")	LF	273	470.00	128,310.00
208	(F) 519200A	WILDLIFE OVERCROSSING AND RETAINING WALL SYSTEM	LS	1	2,100,000.00	2,100,000.00
209	519205A	WILDLIFE UNDERCROSSING SKYLIGHT	EA	6	4,200.00	25,200.00
210	(F) 520102	BAR REINFORCING STEEL (BRIDGE)	LB	1,233,974	0.95	1,172,275.30
211	(F) 520103	BAR REINFORCING STEEL (RETAINING WALL)	LB	161,977	0.95	153,878.15

## Contract (continued)

### ALTERNATE BID SCHEDULE 2: CLINTON KEITH ROAD, 4-LANE OPTION

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
212	560252	FURNISH SINGLE SHEET ALUMINUM SIGN (0.80" - FRAMED)	SQFT	377	20.00	7,540.00
213	566011	ROADSIDE SIGN - ONE POST	EA	69	370.00	25,530.00
214	586001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	3	135.00	405.00
215	598001	ANTI-GRAFFITI COATING	SQFT	11,433	1.25	14,291.25
216	641125	36" PLASTIC PIPE	LF	428	95.00	40,660.00
217	650411	18" REINFORCED CONCRETE PIPE (CLASS IV)	LF	1,088	90.00	97,920.00
218	650416	24" REINFORCED CONCRETE PIPE (CLASS IV)	LF	4,566	100.00	456,600.00
219	650420	30" REINFORCED CONCRETE PIPE (CLASS IV)	LF	1,103	120.00	132,360.00
220	650424	36" REINFORCED CONCRETE PIPE (CLASS IV)	LF	1,958	147.00	287,826.00
221	650440	60" REINFORCED CONCRETE PIPE (CLASS IV)	LF	534	300.00	160,200.00
222	650480A	36" WILDLIFE CULVERT	LF	415	145.00	60,175.00
223	650432	48" REINFORCED CONCRETE PIPE (CLASS IV)	LF	234	220.00	51,480.00
224	665117	18" BITUMINOUS COATED STEEL PIPE (0.079" THICK)	LF	305	85.00	25,925.00
225	665136	36" BITUMINOUS COATED STEEL PIPE (0.079" THICK)	LF	134	120.00	16,080.00
226	665137	36" BITUMINOUS COATED STEEL PIPE RISER (0.109" THICK)	LF	24	575.00	13,800.00
226.A	692007	18" ENTRANCE TAPER	EA	5	2,700.00	13,500.00
227	703233	GRATED LINE DRAIN	LF	79	160.00	12,640.00
228	705011	18" STEEL FLARED END SECTION	EA	5	1,425.00	7,125.00
229	705048	36" STEEL FLARED END SECTION	EA	1	1,800.00	1,800.00
230	721015	ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	257	44.00	11,308.00
231	721017	ROCK SLOPE PROTECTION (FACING, METHOD B)	CY	4,866	45.00	218,970.00
232	(F) 721030	ROCK SLOPE PROTECTION (1/2 TON, METHOD B)	CY	117	45.00	5,265.00
233	729010	ROCK SLOPE PROTECTION FABRIC	SQYD	10,219	2.20	22,481.80
234	727901	MINOR CONCRETE (DITCH LINING)	CY	9	950.00	8,550.00
234.A	731511	MINOR CONCRETE (ISLAND PAVING)	CY	58	715.00	41,470.00
234.B	000003	MINOR CONCRETE (PEDESTRIAN GUARD)	LF	81	340.00	27,540.00
235	731516	MINOR CONCRETE (DRIVEWAY)	CY	17	530.00	9,010.00
236	731521	MINOR CONCRETE (SIDEWALK)	CY	853	260.00	221,780.00
237	(F) 750001	MISCELLANEOUS IRON AND STEEL	LB	3,433	33.00	113,289.00
238	(F) 750501	MISCELLANEOUS METAL (BRIDGE)	LB	38,307	8.50	325,609.50
239	800000A	ONE WAY ACCESS OPENING	EA	9	2,700.00	24,300.00
240	800300	WIRE MESH FENCE (3/8"x3/8" MESH)	LF	9,265	44.00	407,660.00
241	800360	CHAIN LINK FENCE (TYPE CL-6)	LF	1,775	13.00	23,075.00
242	800360A	FENCE (TYPE BW)	LF	870	6.00	5,220.00
243	800365	CHAIN LINK FENCE (TYPE CL-6,SLATTED)	LF	290	24.00	6,960.00
244	801100	WIRE MESH GATE (3/8"x3/8" MESH)	EA	4	1,600.00	6,400.00
245	801365A	TUBULAR STEEL GATE	EA	4	2,100.00	8,400.00
246	802620	16' CHAIN LINK GATE (TYPE CL-6)	EA	2	1,300.00	2,600.00
247	000003	WROUGHT IRON FENCE	LF	205	137.00	28,085.00

## Contract (continued)

### ALTERNATE BID SCHEDULE 2: CLINTON KEITH ROAD, 4-LANE OPTION

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
248	(F) 833000	METAL RAILING	LF	840	170.00	142,800.00
249	833020	CHAIN LINK RAILING	LF	415	37.00	15,355.00
250	839521	CABLE RAILING	LF	302	37.00	11,174.00
251	839601	CRASH CUSHION (TYPE CAT)	EA	2	5,600.00	11,200.00
252	839602	CRASH CUSHION (TYPE CAT BACKUP)	EA	2	525.00	1,050.00
253	839701	CONCRETE BARRIER (TYPE 60)	LF	4,280	70.00	299,600.00
254	(F) 839702	CONCRETE BARRIER (TYPE 60A)	LF	840	81.00	68,040.00
255	839703	CONCRETE BARRIER (TYPE 60C)	LF	34	460.00	15,640.00
256	839705	CONCRETE BARRIER (TYPE 60E MODIFIED)	LF	220	140.00	30,800.00
257	839726	CONCRETE BARRIER (TYPE 736A)	LF	415	96.00	39,840.00
258	(F) 839727	CONCRETE BARRIER (TYPE 736 MODIFIED)	LF	840	96.00	80,640.00
259	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	72,085	0.40	28,834.00
260	840505	6" THERMOPLASTIC TRAFFIC STRIPE	LF	413	1.10	454.30
261	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	5,103	1.10	5,613.30
262	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	2,885	3.60	10,386.00
263	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	1,680	3.80	6,384.00
264	860251	SIGNAL AND LIGHTING (CLINTON KEITH/MENIFEE)	LS	1	270,000.00	270,000.00
265	860251	SIGNAL AND LIGHTING (CLINTON KEITH/ TROIS VALLEY)	LS	1	270,000.00	270,000.00
266	860556	SOLAR LIGHTING ON WILDLIFE CROSSING ( 8 LIGHTS)	LS	1	54,000.00	54,000.00
267	860557	SOLAR LIGHTING ON WARM SPRINGS CREEK BRIDGE (4 LIGHTS)	LS	1	38,000.00	38,000.00
268	(F) 860704A	2" INTERCONNECT CONDUIT AND TRACER WIRE	LF	2,800	27.00	75,600.00
269	861497	MODIFY SIGNAL AND LIGHTING (CLINTON KEITH/WHITEWOOD)	LS	1	108,000.00	108,000.00
270	(F) 867014	12 SINGLE MODE FIBER OPTIC CABLE	LF	2,800	5.50	15,400.00
271	869039A	NO.6 PULL BOX	EA	11	850.00	9,350.00
272	019901	MOBILIZATION, DEMOBILIZATION, AND FINAL CLEAN UP	LS	1	900,000.00	900,000.00
272.A	20052A	TREE TOPPING	LS	1	32,000.00	32,000.00
272.B	000003	DRAINAGE INLET FILTRATION SYSTEM (KRISTAR FLOGARD)	EA	2	5,400.00	10,800.00
272.C	000003	DRAINAGE INLET FILTRATION SYSTEM (CLEARWATER)	EA	1	5,400.00	5,400.00

ALTERNATE "Twenty three million, three hundred seven thousand, nine hundred seventy three  
 BID No. 2: dollars and fourteen cents" **\$23,307,973.14**  
 ITEMS133.272.C "WORDS"

**Contract (continued)**

**ALTERNATE BID SCHEDULE 3: EASTERN MUNICIPAL WATER DISTRICT**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
273	000003	EMWD WATER LINE THROUGH WARM SPRINGS CREEK	LS	1	125,000.00	125,000.00

ALTERNATE

BID No. 3:

ITEM 273

“One hundred twenty five thousand dollars and zero cents”

“WORDS”

**\$125,000.00**

**ALTERNATE BID SCHEDULE 4: DEMOLISH BUILDINGS**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
274	000003	DEMOLISH BUILDINGS	LS	1	8,300.00	8,300.00

ALTERNATE

BID No. 4:

ITEM 274

“Eight thousand, three hundred dollars and zero cents”

“WORDS”

**\$8,300.00**

**PROJECT** “Twenty three million, four hundred forty one thousand, two hundred seventy three

**TOTAL:** dollars and fourteen cents”

**\$23,441,273.14**

ITEMS 1-274

“WORDS”

**Clinton Keith Road Construction Project – Phase 2  
From Whitewood Road to Leon Road  
In the City of Murrieta and French Valley Area  
Project No. B2-04722**

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

**COUNTY OF RIVERSIDE**

**SUKUT CONSTRUCTION, LLC**

BY: \_\_\_\_\_

Chairman, Board of Supervisors

BY:  \_\_\_\_\_

Michael Greenlee

DATED: \_\_\_\_\_

TITLE: Vice President / Chief Estimator  
(If Corporation, affix Seal)

ATTEST:

Kecia Harper-Ihem, Clerk of the Board

ATTEST:

 \_\_\_\_\_  
Paul Kuliev

BY: \_\_\_\_\_

Deputy

TITLE: Chief Financial Officer

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

License No. 985106

Federal Employer Identification Number:

37-1702665

BY \_\_\_\_\_  
"County"

\_\_\_\_\_  
"Corporation"  
(Seal)



## SUKUT CONSTRUCTION, LLC

### DIRECTORS RESOLUTION AUTHORIZING OFFICERS AS SIGNATORIES TO CONSTRUCTION CONTRACTS

RESOLVED, that the individuals listed below are authorized and empowered to enter into construction contracts for and on behalf of this Company.

RESOLVED FURTHER, that all contracts for the performance of work shall be valid and binding on the Company only when signed by the individuals listed below.

RESOLVED FURTHER, that the individuals listed below are elected, qualified and acting officers of the Company, holding on the date set forth herein the title indicated next to their name.

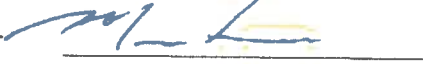
Mike Crawford      President and CEO



Dave Grattan      Vice President



Mike Greenlee      Vice President - Chief Estimator



Paul Kuliev      CFO & Company Secretary



Eric Mauldin      Vice President



Steve Yurosek      Vice President



Mike Zanoloni      Vice President - Operations



Dated: April 1, 2015



Paul Kuliev  
Company Secretary

## Performance Bond

### Recitals:

1. **Sukut Construction, LLC** (Contractor) has entered into a Contract with COUNTY OF RIVERSIDE (County) for construction of public work known as **Clinton Keith Road Construction Project – Phase 2, From Whitewood Road to Leon Road, In the City of Murrieta and French Valley Area, Project No. B2-04722**.
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 **\$ Twenty three million, four hundred forty one thousand, two hundred seventy three dollars and fourteen 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 Sukut Construction, LLC, 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 \$ **Twenty three million, four hundred forty one thousand, two hundred seventy three dollars and fourteen 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 **Clinton Keith Road Construction Project – Phase 2, From Whitewood Road to Leon Road, In the City of Murrieta and French Valley Area, Project No. B2-04722**.

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

Dated: \_\_\_\_\_

\_\_\_\_\_  
Original Contractor – Principal

\_\_\_\_\_  
Surety

By \_\_\_\_\_

By \_\_\_\_\_

Its Attorney In Fact

Title \_\_\_\_\_

(If corporation, affix seal)

(Corporate Seal)

(Corporate Seal)

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ }

ss. SURETY'S ACKNOWLEDGEMENT

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

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary Public

\_\_\_\_\_  
Notary Public (Seal)

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

EXECUTED IN DUPLICATE

**Performance Bond**

Bond No. 24062540

Premium \$113,561.00

Premium is for Contract Term and Subject to  
Adjustment Based on Final Contract Price

**Recitals:**

1. Sukut Construction, LLC (Contractor) has entered into a Contract with COUNTY OF RIVERSIDE (County) for construction of public work known as Clinton Keith Road Construction Project – Phase 2, From Whitewood Road to Leon Road, In the City of Murrieta and French Valley Area, Project No. B2-04722.
2. Liberty Mutual Insurance Company, a Massachusetts 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 \$ Twenty three million, four hundred forty one thousand, two hundred seventy three dollars and fourteen cents and inures to the benefit of County.
2. This Bond is exonerated by Contractor doing all things to be kept and performed by it in strict conformance with the Contract Documents for this project, otherwise it remains in full force and effect for the recovery of loss, damage and expense of County resulting from failure of Contractor to so act. All of said Contract Documents are incorporated herein.
3. This obligation is binding on our successors and assigns.
4. For value received, Surety stipulates and agrees that no change, time extension, prepayment to Contractor, alteration or addition to the terms and requirements of the Contract Documents or the work to be performed thereunder shall affect its obligations hereunder and waives notice as to such matters, except the total contract price cannot be increased by more than 10% without approval of Surety.

THIS BOND is executed as of September 4, 2015.

Sukut Construction, LLC

By 

By Paul Kuliev

Liberty Mutual Insurance Company

By 

Type Name Rhonda C. Abel

Its Attorney in Fact  
"Surety"

Title CFO

"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).

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT****CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

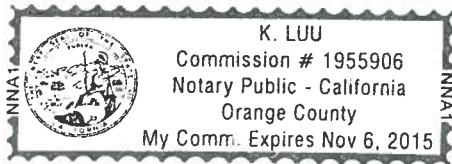
State of California )

County of Orange )On September 4, 2015 before me, K. Luu, Notary Public,  
Date Here Insert Name and Title of the Officerpersonally appeared Rhonda C. Abel  
Name(s) of Signer(s)

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 R  
Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_ Document Date: \_\_\_\_\_

Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_

☐ Corporate Officer — Title(s): \_\_\_\_\_☐ Partner — ☐ Limited ☐ General☐ Individual ☒ Attorney in Fact☐ Trustee ☐ Guardian or Conservator☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

☐ Corporate Officer — Title(s): \_\_\_\_\_☐ Partner — ☐ Limited ☐ General☐ Individual ☐ Attorney in Fact☐ Trustee ☐ Guardian or Conservator☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT****CIVIL CODE § 1189**

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State of California )  
County of Orange )

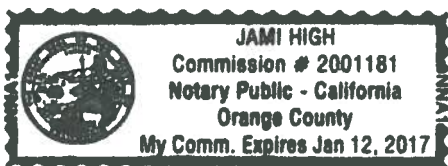
On September 8th, 2015 before me, Jami High, Notary Public,  
*Date Here Insert Name and Title of the Officer*

personally appeared Paul Kuliev  
*Name(s) of Signer(s)*

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 *Jami High*  
*Signature of Notary Public*

*Place Notary Seal Above*

**OPTIONAL**

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Signer's Name: \_\_\_\_\_

☐ Corporate Officer — Title(s): \_\_\_\_\_

☐ Partner — ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

☐ Corporate Officer — Title(s): \_\_\_\_\_

☐ Partner — ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_



# Company Profile



## Company Profile

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Complaint and Request for  
Action/Appeals  
Contact Information

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Quarterly  
Statements

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Company Performance &  
Comparison Data

Company Enforcement Action

Composite Complaints Studies

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Your Area

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## COMPANY PROFILE

### Company Information

#### LIBERTY MUTUAL INSURANCE COMPANY

175 BERKELEY ST  
BOSTON, MA 02116  
800-526-1547

### Old Company Names

### Effective Date

### Agent For Service

KARISSA LOWRY  
2710 GATEWAY OAKS DRIVE  
SUITE 150N  
SACRAMENTO CA 95833

### Reference Information

NAIC #:	23043
California Company ID #:	1022-3
Date Authorized in California:	08/30/1929
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	MASSACHUSETTS

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### NAIC Group List

NAIC Group #: **0111** LIBERTY MUT GRP

### Lines Of Business

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

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**Payment Bond**

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

The makers of this Bond are Sukut Construction, LLC, as Principal and Original Contractor and Liberty Mutual 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 \$ **Twenty three million, four hundred forty one thousand, two hundred seventy three dollars and fourteen 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 **Clinton Keith Road Construction Project – Phase 2, From Whitewood Road to Leon Road, In the City of Murrieta and French Valley Area, Project No. B2-04722**.

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: September 4, 2015
Sukut Construction, LLC  
 Original Contractor – Principal

Liberty Mutual Insurance Company  
 Surety
By 
 By   
 Rhonda C. Abel  
 Its Attorney In Fact

 Title CFO  
 (If corporation, affix seal)

(Corporate Seal)

(Corporate Seal)

SEE ATTACHED NOTARY ACKNOWLEDGEMENT

 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).**

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT****CIVIL CODE § 1189**

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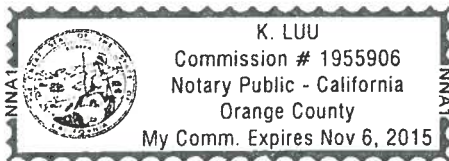

State of California )

County of Orange )On September 4, 2015 before me, K. Luu, Notary Public,  
*Date Here Insert Name and Title of the Officer*personally appeared Rhonda C. Abel  
*Name(s) of Signer(s)*

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   
*Signature of Notary Public**Place Notary Seal Above***OPTIONAL**

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**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_

☐ Corporate Officer — Title(s): \_\_\_\_\_☐ Partner — ☐ Limited ☐ General☐ Individual ☒ Attorney in Fact☐ Trustee ☐ Guardian or Conservator☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

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*Name(s) of Signer(s)*

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WITNESS my hand and official seal.

Signature \_\_\_\_\_  
*Signature of Notary Public*

*Place Notary Seal Above*

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Signer Is Representing: \_\_\_\_\_

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Signer Is Representing: \_\_\_\_\_

# Company Profile



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175 BERKELEY ST  
BOSTON, MA 02116  
800-526-1547

### Old Company Names

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

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**THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.**

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 6888562

American Fire and Casualty Company  
The Ohio Casualty Insurance Company

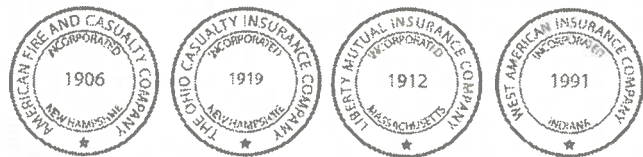
Liberty Mutual Insurance Company  
West American Insurance Company

**POWER OF ATTORNEY**

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Heather Saltarelli; James A. Schaller; Jeri Apodaca; Kim Luu; Michael D. Parizino; Rachelle Rheault; Rhonda C. Abel

all of the city of Newport Beach, state of CA each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 2nd day of March, 2015.



STATE OF PENNSYLVANIA ss  
COUNTY OF MONTGOMERY

On this 2nd day of March, 2015, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute 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 have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Teresa Pastella, Notary Public  
Plymouth Twp., Montgomery County  
My Commission Expires March 28, 2017  
Member, Pennsylvania Association of Notaries

By: David M. Carey  
David M. Carey, Assistant Secretary

By: Teresa Pastella  
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

**ARTICLE IV – OFFICERS** – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

**ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings.** Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

**Certificate of Designation** – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

**Authorization** – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, 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 SEP 04 2015 day of SEP 04 2015, 2015.



By: Gregory W. Davenport  
Gregory W. Davenport, Assistant Secretary

To confirm the validity of this Power of Attorney call  
1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

Not valid for mortgage, note, loan, letter of credit,  
currency rate, interest rate or residual value guarantees.





# CERTIFICATE OF LIABILITY INSURANCE

SUKUCON-01 RGONZALES

DATE (MM/DD/YYYY)

9/14/2015

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).

<b>PRODUCER</b> The Woodlitch Company Insurance Services, Inc. 1 Park Plaza Suite 400 Irvine, CA 92614	<b>CONTACT NAME:</b>	
	<b>PHONE (A/C, No, Ext):</b> (949) 553-9800	<b>FAX (A/C, No):</b> (949) 553-0670
<b>INSURED</b>  Sukut Construction, LLC 4010 W. Chandler Avenue Santa Ana, CA 92704	<b>E-MAIL ADDRESS:</b>	
	<b>INSURER(S) AFFORDING COVERAGE</b>	
	<b>INSURER A : American Contractors Ins. Co RRG</b>	
	<b>INSURER B : ACIG Insurance Company</b>	
	<b>INSURER C :</b>	
	<b>INSURER D :</b>	
<b>INSURER E :</b>		
<b>INSURER F :</b>		
<b>NAIC #</b>		

**COVERAGES****CERTIFICATE NUMBER:****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 INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	X		GL15A00047 - SEE NOTES	06/01/2015	06/01/2016	EACH OCCURRENCE \$ 5,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 5,000,000 GENERAL AGGREGATE \$ 5,000,000 PRODUCTS - COM/PO/OP AGG \$ 5,000,000
A	<input checked="" type="checkbox"/> <b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	X		AL15000014	06/01/2015	06/01/2016	COMBINED SINGLE LIMIT (Ea accident) \$ 5,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	<input type="checkbox"/> <b>UMBRELLA LIAB</b> <input type="checkbox"/> EXCESS LIAB DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$
B	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/>	N/A	X WCA000018115 - SEE NOTES	06/01/2015	06/01/2016	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

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

RE: Project #B2-04722; Clinton Keith Road Construction Project - Phase 2, From Whitewood Road to Leon Road, In the City of Murrieta and French Valley Area. glaip/auai/wcww

County of Riverside, its supervisors and appointed officials, employees, agents, and representatives, The City of Murrieta, its elected and appointed officials, employees, agents, and representatives, The Riverside County Transportation Commission, its supervisors and appointed officials, employees, agents, and representatives, Eastern Municipal Water District, its elected and appointed officials, employees, agents, and representatives are included as Additional Insureds as respects General and Auto Liability per attached endorsements.

This Insurance shall apply as Primary and Non-Contributory per attached endorsement.

Waiver of Subrogation for Workers Compensation: See Attached Endorsement.

**CERTIFICATE HOLDER****CANCELLATION**

County of Riverside  
Transportation Department  
Attn: Contracts/Bidding Unit  
3525 14th Street  
Riverside, CA 92501

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

AUTHORIZED REPRESENTATIVE

© 1988-2014 ACORD CORPORATION. All rights reserved.

AGENCY CUSTOMER ID: **SUKUCON-01****RGONZALES**LOC #: **0****ADDITIONAL REMARKS SCHEDULE**Page **1** of **1**

AGENCY <b>The Wooditch Company Insurance Services, Inc.</b>		NAMED INSURED <b>Sukut Construction, LLC 4010 W. Chandler Avenue Santa Ana, CA 92704</b>
POLICY NUMBER <b>SEE PAGE 1</b>		
CARRIER <b>SEE PAGE 1</b>	NAIC CODE <b>SEE P 1</b>	EFFECTIVE DATE: <b>SEE PAGE 1</b>

**ADDITIONAL REMARKS**

**THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,  
FORM NUMBER: ACORD 25 FORM TITLE: Certificate of Liability Insurance**

**Remarks:****Cancellation**

**\*Except 10 Days Notice of Cancellation for Non-Payment of Premium.**

**\*Should this policy be cancelled before the expiration date, The Wooditch Company will mail 30 (thirty) days written notice to those Certificate Holders which require such action per contract or agreement.\***

**General Liability**

**Continued Policy Numbers: GL15B00047, GL15C00047**

**Workers Compensation**

**Continued Policy Numbers: WCA000018015, WCA000017915, WCA000017615, WCA000017515**

## ADDITIONAL INSURED — OWNERS, LESSEES OR CONTRACTORS

This endorsement modifies insurance provided under the following:

### COMMERCIAL GENERAL LIABILITY COVERAGE PART

#### SCHEDULE

Name of Person or Organization:

Any person or organization that you have agreed to and/or are required by contract to name as an additional insured.

Who Is An Insured (Section II) is amended to include as an insured the person or organization shown in the Schedule, but only with respect to liability arising out of your ongoing operations performed for that insured.

With respect to these additional insureds, this insurance does not apply to "bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering of or failure to render any professional services by any insured, including:

- (1) The preparing, approving or failure to prepare or approve maps, drawings, opinions, reports, surveys, change orders, designs or specifications; or
- (2) Supervisory, inspection or engineering services.

This exclusion applies even if the claims against any insured allege negligence or other wrongdoing in the supervision, hiring, employment, training or monitoring of others by that insured.

This endorsement shall not apply to a person or organization if any other additional insured endorsement attached to this policy specifically applies to that person or organization.

The insurance afforded herein only applies to the extent permitted by applicable state law, including statutes governing additional insured coverage in the construction industry.

This insurance is excess to any other insurance, whether primary, excess, contingent or on any other basis, available to the additional insured unless a written contract requires that this insurance be primary or primary and non-contributing. However, this insurance is always excess to other insurance, whether primary, excess, contingent or on any other basis, when the additional insured has been added to the other insurance as an additional insured.

Nothing herein contained shall be held to vary, alter, waive or extend any of the terms, conditions, provisions, agreements or limitations of the mentioned Policy, other than as above stated.

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: 06/01/2015

Policy No.: GL15A00047

Endorsement No.: 0

Policy Effective: 06/01/2015

Premium \$

Insured: Sukut Construction, LLC

Insurance Company: American Contractors Insurance Company Risk Retention Group

Countersigned By



## ADDITIONAL INSURED

This endorsement modifies insurance provided under the following:

### BUSINESS AUTO LIABILITY COVERAGE PART

Any person or organization you are required by contract to include as an additional insured on this policy is an "insured" but only with respect to liability arising out of the ownership, maintenance or use of an "auto" in the operations incidental to the contract and to the extent set forth below:

- (1) The limit of insurance will not be greater than that required by such contract.
- (2) The coverage provided to the additional insured will not be greater than that customarily provided by the policy forms specified in and required by the contract.
- (3) All insuring agreements, exclusions and conditions of this policy will apply.
- (4) In no event shall the coverage or limit of insurance in this coverage form be increased by such contract.

This insurance is excess to any other insurance, whether primary, excess, contingent or on any other basis, available to the additional insured unless a written contract requires that this insurance be primary or primary and non-contributing. However, this insurance is always excess to other insurance, whether primary, excess, contingent or on any other basis, when the additional insured has been added to the other insurance as an additional insured.

Nothing herein contained shall be held to vary, alter, waive or extend any of the terms, conditions, provisions, agreements or limitations of the mentioned Policy, other than as above stated.

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: 06/01/2015

Policy No.: AL15000014

Endorsement No.: 0

Policy Effective: 06/01/2015

Premium \$

Insured: Sukut Construction, LLC

Insurance Company: American Contractors Insurance Company Risk Retention Group

Countersigned By



**WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT—CALIFORNIA**

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.)

You must maintain payroll records accurately segregating the remuneration of your employees while engaged in the work described in the Schedule.

The additional premium for this endorsement shall be \_\_\_\_\*% of the California workers' compensation premium otherwise due on such remuneration.

**Schedule****Person or Organization****Job Description**

Whomever the named insured is required by written contract executed prior to loss to waive rights of recovery against.

★ No Additional Premium to be applied

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 06/01/2015

Policy No. WCA000018115

Endorsement No.

Insured Sukut Construction, LLC

Premium \$

Insurance Company ACIG Insurance Company

Countersigned by

*Nancy Spittle*

**WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT--CALIFORNIA**

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.)

You must maintain payroll records accurately segregating the remuneration of your employees while engaged in the work described in the Schedule.

The additional premium for this endorsement shall be \_\_\_\_\*% of the California workers' compensation premium otherwise due on such remuneration.

**Schedule****Person or Organization****Job Description**

Whomever the named insured is required by written contract executed prior to loss to waive rights of recovery against.

★ No Additional Premium to be applied

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 06/01/2015

Policy No. **WCA000017915**

Endorsement No.

Insured Sukut Construction, LLC

Premium \$

Insurance Company **ACIG Insurance Company**

Countersigned by

*Nancy Spaffle*



# Company Profile



## Company Profile

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## COMPANY PROFILE

### Company Information

**AMERICAN CONTRACTORS INSURANCE COMPANY, RRG**

**2600 N CENTRAL EXPRESSWAY, STE. 800  
RICHARDSON, TX 75080**

### Old Company Names

Effective Date

### Agent For Service

INSURANCE COMMISSIONER  
300 CAPITOL MALL, 17TH FLOOR  
SACRAMENTO CA 95814

### Reference Information

NAIC #:	12300
California Company ID #:	3491-8
Date Authorized in California:	
License Status:	UNLIMITED-NORMAL
Company Type:	RISK RETENTION
State of Domicile:	TEXAS

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### NAIC Group List

NAIC Group #: **0594** AMERICAN CONTRACTORS INS GRP

### Lines Of Business

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](#).

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## COMPANY PROFILE

### Company Information

**ACIG INSURANCE COMPANY**  
**2600 N CENTRAL EXPRESSWAY, STE. 800**  
**RICHARDSON, TX 75080**

### Old Company Names

### Effective Date

AMERICAN RISK FUNDING INS CO	05/24/1994
AMERICAN RISK FUNDING INSURANCE COMPANY	04/28/2003

### Agent For Service

KARISSA LOWRY  
 2710 GATEWAY OAKS DRIVE  
 SUITE 150N  
 SACRAMENTO CA 95833

### Reference Information

NAIC #:	19984
California Company ID #:	3731-7
Date Authorized in California:	12/07/1994
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	ILLINOIS

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### NAIC Group List

NAIC Group #: **0594** AMERICAN CONTRACTORS INS GRP

### Lines Of Business

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](#).

WORKERS' COMPENSATION

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## Bid

Date: August 12, 2015

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

Bidder: Sukut Construction, LLC  
(hereafter called "Contractor")

The undersigned, Contractor, having carefully examined the site and the Contract Documents for the construction of Clinton Keith Road Construction Project – Phase 2, From Whitewood Road to Leon Road, In the City of Murrieta and French Valley Area, Project No. B2-0472 hereby proposes to construct the work in accordance with the Contract Documents, including Addenda Number(s) 1 through 6 (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 Instruction 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.

**Clinton Keith Road Construction Project - Phase 2**  
**From Whitewood Road to Leon Road**  
**In the City of Murrieta and French Valley Area**  
**Project No. B2-04722**

**REVISED PROPOSAL (2-Lane Option)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>ALTERNATE BID SCHEDULE 1: CLINTON KEITH ROAD, 2-LANE OPTION</b>						
1	016101	OBTAIN ENCROACHMENT PERMIT	FA	1	5,000.00	5,000.00
2	017101	MANHOLE (RCFC & WCDS MH 251)	EA	15	5,000.-	75,000.-
3	017103	MANHOLE (RCFC & WCDS MH 252)	EA	8	5,000.-	40,000.-
4	017105	JUNCTION STRUCTURE (RCFC & WCDS JS 227)	EA	17	1,700.-	28,900.-
5	017114	TRANSITION STRUCTURE (RCFC & WCDS TS 303)	EA	1	8,000.-	8,000.-
6	017305	MINOR CONCRETE (TYPE A-8 CURB) (CRS 201)	LF	9,141	17.50	159,967.50
7	017306	MINOR CONCRETE (CURB RAMP) (CRS 403)	EA	5	2,700.-	13,500.-
8	017307	MINOR CONCRETE (TYPE "C" CURB) (CRS 202)(MOD)	LF	257	29.10 <del>18.50</del>	7453.70 <del>4754.50</del> MC
9	017309	MINOR CONCRETE (TYPE "D" CURB) (CRS 204)	LF	4,008	14.-	56,112.-
10	019902	COURSE OF CONSTRUCTION INSURANCE	LS	1	56,000.-	56,000.-
11	000001	ITEM DELETED BY ADDENDUM No. 5	----	----	----	----
12	066102	DUST ABATEMENT	LS	1	46,500.-	46,500.-
13	066105	RESIDENT ENGINEERS OFFICE	LS	1	37,000.-	37,000.-
14	066610	PARTNERING	LS	1	10,000.-	10,000.-
15	070010	PROGRESS SCHEDULE (CRITICAL PATH)	LS	1	15,000.-	15,000.-
16	070030	LEAD COMPLIANCE PLAN	LS	1	6,000.-	6,000.-
17	071321	TEMPORARY FENCE (TYPE CL-6)	LF	908	11.-	9,988.-
18	071325	TEMPORARY FENCE (TYPE ESA)	LF	2,770	2.-	5,540.-
19	074016	CONSTRUCTION SITE MANAGEMENT	LS	1	775,000.-	775,000.-
20	120090	CONSTRUCTION AREA SIGNS	LS	1	24,000.-	24,000.-
21	120100	TRAFFIC CONTROL SYSTEM	LS	1	12,000.-	12,000.-
22	120165	CHANNELIZER (SURFACE MOUNTED)	EA	17	50.-	850.-
23	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	21,000.-	21,000.-
24	150606	REMOVE FENCE (TYPE BW)	LF	1,197	3.-	3,591.-
25	150608	REMOVE CHAIN LINK FENCE	LF	3,179	3.-	9,537.-
26	000003	REMOVE CHAIN LNK FENCE (SLATTED)	LF	285	4.-	1,140.-

Note: See 'Instructions to Bidders' item 16, Like Bid Items. "Like Bid Item" bidding requirement does not apply to this project.

**REVISED PROPOSAL (2-Lane Option)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>ALTERNATE BID SCHEDULE 1: CLINTON KEITH ROAD, 2-LANE OPTION</b>						
27	150662	REMOVE METAL BEAM GUARD RAIL	LF	110	6.-	660.-
28	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	7,913	0.65	5,143.45
29	150712	REMOVE PAINTED PAVEMENT MARKING	SQFT	1,104	1.85	2,042.40
30	150742	REMOVE ROADSIDE SIGN	EA	13	75.-	975.-
31	150771	REMOVE ASPHALT CONCRETE DIKE	LF	35	8.-	280.-
32	152390	RELOCATE ROADSIDE SIGN	EA	4	150.-	600.-
33	153103	COLD PLANE AND ASPHALT CONCRETE PAVEMENT	SQYD	632	6.-	3,792.-
34	153130	REMOVE CONCRETE CURB	LF	77	14.-	1,078.-
35	153121	REMOVE CONCRETE (CURB AND GUTTER)	LF	348	12.-	4,176.-
36	153218	REMOVE CONCRETE SIDEWALK	SQFT	1,534	1.-	1,534.-
37	153242A	REMOVE CONCRETE (CURB RAMP)	EA	1	325.-	325.-
38	160101	CLEARING AND GRUBBING	LS	1	250,000.-	250,000.-
39	170101	DEVELOP WATER SUPPLY	LS	1	50,000.-	50,000.-
40	(F) 190101	ROADWAY EXCAVATION	CY	420,501	6.50	2,733,252.50
41	190160	ROCK EXCAVATION	CY	70,000	1.75	122,500.-
42	(F) 192003	STRUCTURE EXCAVATION (BRIDGE)	CY	954	7.-	6,678.-
43	(F) 192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	2,974	14.-	36,036.-
44	(F) 193003	STRUCTURE BACKFILL (BRIDGE)	CY	585	46.-	26,910.-
45	(F) 193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	2,432	5.-	12,160.-
46	(F) 193031	PERVIOUS BACKFILL (RETAINING WALL)	CY	81	42.-	3,402.-
47	198205A	SUBGRADE ENHANCEMENT GEOTEXTILE (MULTI-AXIAL)	SQYD	52,975	4.-	211,900.-
48	201600A	CONCRETE PAVER (TURFSTONE)	SQFT	1,800	13.-	23,400.-
49	203031	EROSION CONTROL (TYPE D)	SQFT	22,486	0.15	3,372.90
50	204099	PLANT ESTABLISHMENT WORK	LS	1	10,500.-	10,500.-
51	210250	EROSION CONTROL (BONDED FIBER MATRIX WITH SEEDS)	SQFT	1,201,338	0.16	192,214.08
52	210350	FIBER ROLLS	LF	69,185	2.65	183,340.25
53	210430A	HYDROSEED (WILDLIFE OVERCROSSING)	SQFT	137,692	0.28	38,553.76
54	210430B	HYDROSEED (RIPARIAN AREA)	SQFT	25,102	0.13	3,263.26
55	220101	FINISHING ROADWAY	LS	1	9,500.-	9,500.-

Note: See 'Instructions to Bidders' item 16, Like Bid Items. "Like Bid Item" bidding requirement does not apply to this project.

**REVISED PROPOSAL (2-Lane Option)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>ALTERNATE BID SCHEDULE 1: CLINTON KEITH ROAD, 2-LANE OPTION</b>						
56	260203	CLASS 2 AGGREGATE BASE	CY	14,127	16.50	233,095.50
57	270014	CEMENT TREATED BASE (PLANT-MIXED, CLASS A) [BUS TURNOUT]	CY	86	150.-	12,900.-
58	390129	HOT MIX ASPHALT (TYPE C)	TON	10,821	66.-	714,186.-
59	390132	HOT MIX ASPHALT (TYPE A)	TON	7,240	66.-	477,840.-
60	394075	PLACE HOT MIX ASPHALT DIKE (TYPE D)	LF	1,414	4.-	5,656.-
61	405030	PORTLAND CEMENT CONCRETE [BUS TURNOUT]	CY	122	250.-	30,500.-
62	490603	24" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	3,621	265.-	959,565.-
63	490617	90" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	374	2,900.-	1,084,600.-
64	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	1	120,000.-	120,000.-
65	(F) 510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	313	300.-	93,900.-
66	(F) 510053	STRUCTURAL CONCRETE, BRIDGE	CY	4,342	750.-	3,256,500.-
67	(F) 510060	STRUCTURAL CONCRETE (RETAINING WALL)	CY	620	350.-	217,000.-
68	(F) 510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	293	785.-	230,500.-
69	(F) 510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	249	1,150.-	286,350.-
70	510502A	MINOR CONCRETE (RETAINING WALL)	CY	11	1,500.-	16,500.-
71	(F) 510526	MINOR CONCRETE (BACKFILL)	CY	9	215.-	1,935.-
72	(F) 511035	FRACTURED BASALT TEXTURE	SQFT	3,582	8.75	31,342.50
73	519092	JOINT SEAL ASSEMBLY (MR=2 1/2")	LF	273	470.-	128,310.-
74	(F) 519200A	WILDLIFE OVERCROSSING AND RETAINING WALL SYSTEM	LS	1	2,100,000.-	2,100,000.-
75	519205A	WILDLIFE UNDERCROSSING SKYLIGHT	EA	6	4,200.-	25,200.-
76	(F) 520102	BAR REINFORCING STEEL (BRIDGE)	LB	1,233,974	.95	
77	(F) 520103	BAR REINFORCING STEEL (RETAINING WALL)	LB	59,816	.95	
78	560252	FURNISH SINGLE SHEET ALUMINUM SIGN (0.80" - FRAMED)	SQFT	397	20.-	7,940.-
79	566011	ROADSIDE SIGN - ONE POST	EA	66	370.-	24,420.-
80	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	7	135.-	945.-
81	598001	ANTI-GRAFFITI COATING	SQFT	3,582	1.25	4,477.50
82	641125	36" PLASTIC PIPE	LF	428	95.-	40,660.-
83	650411	18" REINFORCED CONCRETE PIPE (CLASS IV)	LF	592	90.-	53,280.-
84	650416	24" REINFORCED CONCRETE PIPE (CLASS IV)	LF	4,510	100.-	451,000.-

Note: See 'Instructions to Bidders' item 16, Like Bid Items. "Like Bid Item" bidding requirement does not apply to this project.



**REVISED PROPOSAL (2-Lane Option)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>ALTERNATE BID SCHEDULE 1: CLINTON KEITH ROAD, 2-LANE OPTION</b>						
85	650420	30" REINFORCED CONCRETE PIPE (CLASS IV)	LF	1,095	120.-	131,400.-
86	650424	36" REINFORCED CONCRETE PIPE (CLASS IV)	LF	1,958	147.-	287,826.-
87	650440	60" REINFORCED CONCRETE PIPE (CLASS IV)	LF	534	300.-	160,200.-
88	650480A	36" WILDLIFE CULVERT	LF	415	145.-	60,175.-
89	650432	48" REINFORCED CONCRETE PIPE (CLASS IV)	LF	234	220.-	51,480.-
90	665117	18" BITUMINOUS COATED STEEL PIPE (0.079" THICK)	LF	151	85.-	12,835.-
91	665136	36" BITUMINOUS COATED STEEL PIPE (0.079" THICK)	LF	134	120.-	16,080.-
92	665137	36" BITUMINOUS COATED STEEL PIPE RISER (0.109" THICK)	LF	24	575.-	13,800.-
92.A	692007	18" ENTRANCE TAPER	EA	2	2,700.-	5,400.-
93	703233	GRATED LINE DRAIN	LF	1,738	115.-	199,870.-
94	705011	18" STEEL FLARED END SECTION	EA	2	1,425.-	2,850.-
95	705048	36" STEEL FLARED END SECTION	EA	1	1,800.-	1,800.-
96	000001	ITEM DELETED BY ADDENDUM No. 1	----	----	----	----
97	721015	ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	257	44.-	11,308.-
98	721017	ROCK SLOPE PROTECTION (FACING, METHOD B)	CY	3,109	47.-	146,123.-
99	(F) 721030	ROCK SLOPE PROTECTION (1/2 TON, METHOD B)	CY	117	45.-	5,265.-
100	729010	ROCK SLOPE PROTECTION FABRIC	SQYD	7,115	2.20	15,653.-
100.A	731511	MINOR CONCRETE (ISLAND PAVING)	CY	58	715.-	41,470.-
100.B	000003	MINOR CONCRETE (PEDESTRIAN GUARD)	LF	81	325.-	26,325.-
101	731516	MINOR CONCRETE (DRIVEWAY)	CY	17	520.-	8,840.-
102	731521	MINOR CONCRETE (SIDEWALK)	CY	765	260.-	198,900.-
103	(F) 750001	MISCELLANEOUS IRON AND STEEL	LB	11,274	4.-	45,096.-
104	(F) 750501	MISCELLANEOUS METAL (BRIDGE)	LB	38,307	8.50	325,609.50
105	800000A	ONE WAY ACCESS OPENING	EA	9	2,700.-	24,300.-
106	800300	WIRE MESH FENCE (3/8"x3/8" MESH)	LF	9,265	44.-	407,660.-
107	800360	CHAIN LINK FENCE (TYPE CL-6)	LF	1,775	13.-	23,075.-
108	800360A	FENCE (TYPE BW)	LF	870	6.-	5,220.-
109	800365	CHAIN LINK FENCE (TYPE CL-6, SLATTED)	LF	290	24.-	6,960.-
110	801100	WIRE MESH GATE (3/8"x3/8" MESH)	EA	6	1,600.-	9,600.-
111	801365A	TUBULAR STEEL GATE	EA	3	2,100.-	6,300.-
112	802620	16' CHAIN LINK GATE (TYPE CL-6)	EA	2	1,300.-	2,600.-
113	(F) 833000	METAL RAILING	LF	840	170.-	142,800.-

Note: See 'Instructions to Bidders' item 16, Like Bid Items. "Like Bid Item" bidding requirement does not apply to this project.

**REVISED PROPOSAL (2-Lane Option)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>ALTERNATE BID SCHEDULE 1: CLINTON KEITH ROAD, 2-LANE OPTION</b>						
114	839521	CABLE RAILING	LF	302	38.-	11,476.-
115	839601	CRASH CUSHION (TYPE CAT)	EA	2	5,600.-	11,200.-
116	839602	CRASH CUSHION (TYPE CAT BACKUP)	EA	2	525.-	1,050.-
117	839701	CONCRETE BARRIER (TYPE 60)	LF	4,210	70.-	294,700.-
118	(F) 839702	CONCRETE BARRIER (TYPE 60A)	LF	840	81.-	68,040.-
119	839703	CONCRETE BARRIER (TYPE 60C)	LF	34	135.-	4,590.-
120	839705	CONCRETE BARRIER (TYPE 60E MODIFIED)	LF	220	85.-	18,700.-
121	(F) 839727	CONCRETE BARRIER (TYPE 736 MODIFIED)	LF	840	96.-	80,640.-
122	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	91,938	0.40	36,775.20
123	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	5,961	1.10	6,557.10
124	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	2,321	3.60	8,355.60
125	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	1,873	3.80	7,117.40
126	860251	SIGNAL AND LIGHTING (CLINTON KEITH/ TROIS VALLEY)	LS	1	270,000	270,000.-
127	860556	SOLAR LIGHTING ON WILDLIFE CROSSING ( 8 LIGHTS)	LS	1	54,000.-	54,000.-
128	860557	SOLAR LIGHTING ON WARM SPRINGS CREEK BRIDGE (4 LIGHTS)	LS	1	43,000.-	43,000.-
129	(F) 860704A	2" INTERCONNECT CONDUIT AND TRACER WIRE	LF	2,550	27.-	68,850.-
130	861497	MODIFY SIGNAL AND LIGHTING (CLINTON KEITH/WHITEWOOD)	LS	1	108,000.-	108,000.-
131	869039A	NO.6 PULL BOX	EA	9	850.-	7,650.-
132	760090	MOBILIZATION, DEMOBILIZATION, AND FINAL CLEAN UP	LS	1	900,000.-	900,000.-
132.A	20052A	TREE TOPPING	LS	1	32,000.-	32,000.-
132.B	000003	DRAINAGE INLET FILTRATION SYSTEM (KRISTAR FLOGARD)	EA	1	5,400.-	5,400.-
132.C	000003	DRAINAGE INLET FILTRATION SYSTEM (CLEARWATER)	EA	1	5,400.-	5,400.-

ALTERNATE BID  
SCHEDULE 1  
TOTAL:  
ITEMS 1-132.C

*Twenty one Million six hundred and forty two  
Thousand two hundred & sixty cents*

"WORDS"

*\$21,642,200.90*

**Clinton Keith Road Construction Project - Phase 2**  
**From Whitewood Road to Leon Road**  
**In the City of Murrieta and French Valley Area**  
**Project No. B2-04722**

**REVISED PROPOSAL (4-Lane Option)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>ALTERNATE BID SCHEDULE 2: CLINTON KEITH ROAD, 4-LANE OPTION</b>						
133	016101	OBTAIN ENCROACHMENT PERMIT	FA	1	5,000.00	5,000.00
134	017101	MANHOLE (RCFC & WCDS MH 251)	EA	11	5,000.-	55,000.-
135	017103	MANHOLE (RCFC & WCDS MH 252)	EA	6	5,000.-	30,000.-
136	017701A	MODIFIED MANHOLE 1	EA	4	4,800.-	19,200.-
137	017701B	MODIFIED MANHOLE 2	EA	2	4,800.-	9,600.-
138	017105	JUNCTION STRUCTURE (RCFC & WCDS JS 227)	EA	17	1,700.-	28,900.-
139	017114	TRANSITION STRUCTURE (RCFC & WCDS TS 303)	EA	1	8,000.-	8,000.-
140	017305	MINOR CONCRETE (TYPE A-8 CURB) (CRS 201)	LF	12,316	17.50	215,530.-
141	017306	MINOR CONCRETE (CURB RAMP) (CRS 403)	EA	7	2,700.-	18,900.-
142	017309	MINOR CONCRETE (TYPE "D" CURB) (CRS 204)	LF	1,273	15.50	19,731.50
143	019902	COURSE OF CONSTRUCTION INSURANCE	LS	1	56,000.-	56,000.-
144	000001	ITEM DELETED BY ADDENDUM No. 5	----	----	----	----
145	066102	DUST ABATEMENT	LS	1	46,500.-	46,500.-
146	066105	RESIDENT ENGINEERS OFFICE	LS	1	37,000.-	37,000.-
147	066610	PARTNERING	LS	1	10,000.-	10,000.-
148	070010	PROGRESS SCHEDULE (CRITICAL PATH)	LS	1	15,000.-	15,000.-
149	070030	LEAD COMPLIANCE PLAN	LS	1	6,000.-	6,000.-
150	071321	TEMPORARY FENCE (TYPE CL-6)	LF	908	11.-	9,988.-
151	071325	TEMPORARY FENCE (TYPE ESA)	LF	2,770	2.-	5,540.-
152	074016	CONSTRUCTION SITE MANAGEMENT	LS	1	775,000.-	775,000.-
153	120090	CONSTRUCTION AREA SIGNS	LS	1	24,000.-	24,000.-
154	120100	TRAFFIC CONTROL SYSTEM	LS	1	12,000.-	12,000.-
155	120165	CHANNELIZER (SURFACE MOUNTED)	EA	17	50.-	850.-
156	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	21,000.-	21,000.-
157	150606	REMOVE FENCE (TYPE BW)	LF	1,197	3.-	3,591.-
158	150608	REMOVE CHAIN LINK FENCE	LF	3,179	3.-	9,537.-

Note: See 'Instructions to Bidders' item 16, Like Bid Items. "Like Bid Item" bidding requirement does not apply to this project.

**REVISED PROPOSAL (4-Lane Option)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>ALTERNATE BID SCHEDULE 2: CLINTON KEITH ROAD, 4-LANE OPTION</b>						
159	150608A	REMOVE WROUGHT IRON FENCE	LF	185	8.-	1,480.-
160	000003	REMOVE CHAIN LINK FENCE (SLATTED)	LF	285	4.-	1,140.-
161	150662	REMOVE METAL BEAM GUARD RAIL	LF	110	6.-	660.-
162	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	7,913	0.65	5,143.45
163	150712	REMOVE PAINTED PAVEMENT MARKING	SQFT	1,104	1.85	2,042.40
164	150742	REMOVE ROADSIDE SIGN	EA	12	75.-	900.-
165	150771	REMOVE ASPHALT CONCRETE DIKE	LF	35	8.-	280.-
166	152353	RECONSTRUCT IRRIGATION SYSTEM (TROIIS VALLEY)	LS	1	10,500.-	10,500.-
167	152390	RELOCATE ROADSIDE SIGN	EA	3	150.-	450.-
168	153103	COLD PLANE AND ASPHALT CONCRETE PAVEMENT	SQYD	632	6.-	3,792.-
169	153130	REMOVE CONCRETE CURB	LF	77	14.-	1,078.-
170	153121	REMOVE CONCRETE (CURB AND GUTTER)	LF	348	12.-	4,176.-
171	153218	REMOVE CONCRETE SIDEWALK	SQFT	1,534	1.-	1,534.-
172	153242A	REMOVE CONCRETE (CURB RAMP)	EA	1	325.-	325.-
173	160101	CLEARING AND GRUBBING	LS	1	250,000.-	250,000.-
174	170101	DEVELOP WATER SUPPLY	LS	1	50,000.-	50,000.-
175	(F) 190101	ROADWAY EXCAVATION	CY	429,067	6.50	
176	190160	ROCK EXCAVATION	CY	70,000	1.75	
177	(F) 192003	STRUCTURE EXCAVATION (BRIDGE)	CY	954	7.-	6,678.-
178	(F) 192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	7,991	12.-	95,892.-
179	(F) 193003	STRUCTURE BACKFILL (BRIDGE)	CY	585	46.-	26,910.-
180	(F) 193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	6,548	6.-	39,288.-
181	(F) 193031	PERVIOUS BACKFILL (RETAINING WALL)	CY	341	42.-	14,322.-
182	198205A	SUBGRADE ENHANCEMENT GEOTEXTILE (MULTI-AXIAL)	SQYD	72,678	4.-	
183	201600A	CONCRETE PAVER (TURFSTONE)	SQFT	1,800	13.-	23,400.-
184	203031	EROSION CONTROL (TYPE D)	SQFT	22,486	0.15	3,372.90
185	204099	PLANT ESTABLISHMENT WORK	LS	1	10,500.-	10,500.-
186	210250	EROSION CONTROL (BONDED FIBER MATRIX WITH SEEDS)	SQFT	996,422	0.16	159,427.52
187	210350	FIBER ROLLS	LF	73,420	2.65	194,563.-

Note: See 'Instructions to Bidders' item 16, Like Bid Items. "Like Bid Item" bidding requirement does not apply to this project.

**REVISED PROPOSAL (4-Lane Option)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>ALTERNATE BID SCHEDULE 2: CLINTON KEITH ROAD, 4-LANE OPTION</b>						
188	210430B	HYDROSEED (WILDLIFE OVERCROSSING)	SQFT	137,692	0.28	38,553.76
189	210430C	HYDROSEED (RIPARIAN AREA)	SQFT	25,102	0.13	3,263.26
190	220101	FINISHING ROADWAY	LS	1	9,500.-	9,500.-
191	260203	CLASS 2 AGGREGATE BASE	CY	19,701	16.50	325,066.50
192	270014	CEMENT TREATED BASE (PLANT-MIXED, CLASS A) [BUS TURNOUT]	CY	143	160.-	22,880.-
193	390129	HOT MIX ASPHALT (TYPE C)	TON	14,812	66.-	977,592.-
194	390132	HOT MIX ASPHALT (TYPE A)	TON	9,900	66.-	653,400.-
195	405030	PORTLAND CEMENT CONCRETE [BUS TURNOUT]	CY	204	250.-	51,000.-
196	490603	24" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	3,621	265.-	
197	490617	90" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	374	2,900.-	
198	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	1	120,000.-	120,000.-
199	(F) 510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	313	300.-	93,900.-
200	(F) 510053	STRUCTURAL CONCRETE, BRIDGE	CY	4,342	750.-	
201	(F) 510060	STRUCTURAL CONCRETE (RETAINING WALL)	CY	1,437	350.-	502,950.-
202	(F) 510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	293	785.-	
203	(F) 510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	236	875.-	206,500.-
204	510502A	MINOR CONCRETE (RETAINING WALL)	CY	26	1,500.-	39,000.-
205	(F) 510526	MINOR CONCRETE (BACKFILL)	CY	9	215.-	1,935.-
206	(F) 511035	FRACTURED BASALT TEXTURE	SQFT	11,433	8.75	100,038.75
207	519092	JOINT SEAL ASSEMBLY (MR=2 1/2")	LF	273	470.-	128,310.-
208	(F) 519200A	WILDLIFE OVERCROSSING AND RETAINING WALL SYSTEM	LS	1	2,100,000	2,100,000.-
209	519205A	WILDLIFE UNDERCROSSING SKYLIGHT	EA	6	4,200.-	25,200.-
210	(F) 520102	BAR REINFORCING STEEL (BRIDGE)	LB	1,233,974	.95	
211	(F) 520103	BAR REINFORCING STEEL (RETAINING WALL)	LB	161,977	.95	
212	560252	FURNISH SINGLE SHEET ALUMINUM SIGN (0.80" - FRAMED)	SQFT	377	20.-	7,540.-
213	566011	ROADSIDE SIGN - ONE POST	EA	69	370.-	25,530.-
214	586001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	3	135.-	405.-
215	598001	ANTI-GRAFFITI COATING	SQFT	11,433	1.25	14,291.25
216	641125	36" PLASTIC PIPE	LF	428	95.-	40,660.-

Note: See 'Instructions to Bidders' item 16, Like Bid Items. "Like Bid Item" bidding requirement does not apply to this project.

**REVISED PROPOSAL (4-Lane Option)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>ALTERNATE BID SCHEDULE 2: CLINTON KEITH ROAD, 4-LANE OPTION</b>						
217	650411	18" REINFORCED CONCRETE PIPE (CLASS IV)	LF	1,088	90.-	97,920.-
218	650416	24" REINFORCED CONCRETE PIPE (CLASS IV)	LF	4,566	100.-	456,600.-
219	650420	30" REINFORCED CONCRETE PIPE (CLASS IV)	LF	1,103	120.-	132,360.-
220	650424	36" REINFORCED CONCRETE PIPE (CLASS IV)	LF	1,958	147.-	287,826.-
221	650440	60" REINFORCED CONCRETE PIPE (CLASS IV)	LF	534	300.-	160,200.-
222	650480A	36" WILDLIFE CULVERT	LF	415	145.-	60,175.-
223	650432	48" REINFORCED CONCRETE PIPE (CLASS IV)	LF	234	220.-	51,480.-
224	665117	18" BITUMINOUS COATED STEEL PIPE (0.079" THICK)	LF	305	85.-	25,925.-
225	665136	36" BITUMINOUS COATED STEEL PIPE (0.079" THICK)	LF	134	120.-	16,080.-
226	665137	36" BITUMINOUS COATED STEEL PIPE RISER (0.109" THICK)	LF	24	575.-	13,800.-
226.A	692007	18" ENTRANCE TAPER	EA	5	2,700.-	13,500.-
227	703233	GRATED LINE DRAIN	LF	79	160.-	12,640.-
228	705011	18" STEEL FLARED END SECTION	EA	5	1,425.-	7,125.-
229	705048	36" STEEL FLARED END SECTION	EA	1	1,800.-	1,800.-
230	721015	ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	257	44.-	11,308.-
231	721017	ROCK SLOPE PROTECTION (FACING, METHOD B)	CY	4,866	45.-	218,970.-
232	(F) 721030	ROCK SLOPE PROTECTION (1/2 TON, METHOD B)	CY	117	45.-	5,265.-
233	729010	ROCK SLOPE PROTECTION FABRIC	SQYD	10,219	2.20	22,481.80
234	727901	MINOR CONCRETE (DITCH LINING)	CY	9	950.-	8,550.-
234.A	731511	MINOR CONCRETE (ISLAND PAVING)	CY	58	715.-	41,470.-
234.B	000003	MINOR CONCRETE (PEDESTRIAN GUARD)	LF	81	340.-	27,540.-
235	731516	MINOR CONCRETE (DRIVEWAY)	CY	17	530.-	9,010.-
236	731521	MINOR CONCRETE (SIDEWALK)	CY	853	260.-	221,780.-
237	(F) 750001	MISCELLANEOUS IRON AND STEEL	LB	3,433	33.-	113,289.-
238	(F) 750501	MISCELLANEOUS METAL (BRIDGE)	LB	38,307	8.50	325,609.50
239	800000A	ONE WAY ACCESS OPENING	EA	9	2,700.-	24,300.-
240	800300	WIRE MESH FENCE (3/8"x3/8" MESH)	LF	9,265	44.-	407,660.-
241	800360	CHAIN LINK FENCE (TYPE CL-6)	LF	1,775	13.-	23,075.-
242	800360A	FENCE (TYPE BW)	LF	870	6.-	5,220.-
243	800365	CHAIN LINK FENCE (TYPE CL-6, SLATTED)	LF	290	24.-	6,960.-
244	801100	WIRE MESH GATE (3/8"x3/8" MESH)	EA	4	1,600.-	6,400.-
245	801365A	TUBULAR STEEL GATE	EA	4	2,100.-	8,400.-

Note: See 'Instructions to Bidders' item 16, Like Bid Items. "Like Bid Item" bidding requirement does not apply to this project.  
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**REVISED PROPOSAL (4-Lane Option)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>ALTERNATE BID SCHEDULE 2: CLINTON KEITH ROAD, 4-LANE OPTION</b>						
246	802620	16' CHAIN LINK GATE (TYPE CL-6)	EA	2	1,300.-	2,600.-
247	000003	WROUGHT IRON FENCE	LF	205	137.-	28,085.-
248	(F) 833000	METAL RAILING	LF	840	170.-	142,800.-
249	833020	CHAIN LINK RAILING	LF	415	37.-	15,355.-
250	839521	CABLE RAILING	LF	302	37.-	11,174.-
251	839601	CRASH CUSHION (TYPE CAT)	EA	2	5,600.-	11,200.-
252	839602	CRASH CUSHION (TYPE CAT BACKUP)	EA	2	525.-	1,050.-
253	839701	CONCRETE BARRIER (TYPE 60)	LF	4,280	70.-	299,600.-
254	(F) 839702	CONCRETE BARRIER (TYPE 60A)	LF	840	81.-	68,040.-
255	839703	CONCRETE BARRIER (TYPE 60C)	LF	34	460.-	15,640.-
256	839705	CONCRETE BARRIER (TYPE 60E MODIFIED)	LF	220	140.-	30,800.-
257	839726	CONCRETE BARRIER (TYPE 736A)	LF	415	96.-	39,840.-
258	(F) 839727	CONCRETE BARRIER (TYPE 736 MODIFIED)	LF	840	96.-	80,640.-
259	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	72,085	0.40	28,834.-
260	840505	6" THERMOPLASTIC TRAFFIC STRIPE	LF	413	1.10	454.30
261	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	5,103	1.10	5,613.30
262	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	2,885	3.60	10,386.-
263	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	1,680	3.80	6,384.-
264	860251	SIGNAL AND LIGHTING (CLINTON KEITH/MENIFEE)	LS	1	270,000.-	270,000.-
265	860251	SIGNAL AND LIGHTING (CLINTON KEITH/ TROIS VALLEY)	LS	1	270,000.-	270,000.-
266	860556	SOLAR LIGHTING ON WILDLIFE CROSSING ( 8 LIGHTS)	LS	1	54,000.-	54,000.-
267	860557	SOLAR LIGHTING ON WARM SPRINGS CREEK BRIDGE (4 LIGHTS)	LS	1	38,000.-	38,000.-
268	(F) 860704A	2" INTERCONNECT CONDUIT AND TRACER WIRE	LF	2,800	27.-	75,600.-
269	861497	MODIFY SIGNAL AND LIGHTING (CLINTON KEITH/WHITEWOOD)	LS	1	108,000.-	108,000.-
270	(F) 867014	12 SINGLE MODE FIBER OPTIC CABLE	LF	2,800	5.50	15,400.-
271	869039A	NO.6 PULL BOX	EA	11	850.-	9,350.-
272	019901	MOBILIZATION, DEMOBILIZATION, AND FINAL CLEAN UP	LS	1	900,000.-	900,000.-
272.A	20052A	TREE TOPPING	LS	1	32,000.-	32,000.-
272.B	000003	DRAINAGE INLET FILTRATION SYSTEM (KRISTAR FLOGARD)	EA	2	5,400.-	10,800.-
272.C	000003	DRAINAGE INLET FILTRATION SYSTEM (CLEARWATER)	EA	1	5,400.-	5,400.-

ALTERNATE BID SCHEDULE 2  
TOTAL: Twenty three million Three thousand seven hundred nine thousand five hundred thirty three \$23,307,973.<sup>141</sup>  
ITEMS 133-272.C & previous costs "WORDS"

Note: See 'Instructions to Bidders' item 16, Like Bid Items. "Like Bid Item" bidding requirement does not apply to this project.

Clinton Keith Road Construction Project - Phase 2  
From Whitewood Road to Leon Road  
In the City of Murrieta and French Valley Area  
Project No. B2-04722

REVISED PROPOSAL

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
ALTERNATE BID SCHEDULE 3: EASTERN MUNICIPAL WATER DISTRICT						
273	000003	EMWD WATER LINE THROUGH WARM SPRINGS CREEK	LS	1	125,000.-	125,000.-

ALTERNATE BID  
SCHEDULE 3

TOTAL: One hundred and twenty-five thousand dollars and zero cents \$ 125,000.-  
ITEM 273 "WORDS"

ALTERNATE BID SCHEDULE 4: DEMOLISH BUILDINGS

274	000003	DEMOLISH BUILDINGS	LS	1	8,300.-	8,300.-
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ALTERNATE BID  
SCHEDULE 4

TOTAL: Eight thousand three hundred dollars and zero cents \$ 8,300.-  
ITEM 274 "WORDS"

ALTERNATE BID SCHEDULES 1, 2, 3 AND 4

PROJECT TOTAL: Forty Five Million Eighty Three Thousand Four hundred seventy Four + zero four cents \$ 45,083,474.04  
ITEMS 1-274 "WORDS"

In addition to 'Instruction to Bidders' item 13, Alternate Bid Schedules:

- The County may award Alternate Bid Schedule 1 or Alternate Bid Schedule 2 items of work.
- If Alternate Bid Schedule 1 is selected, then Alternate Bid Schedule 2 will not be awarded and vice versa.

## Bidder Data and Signature

Name of Bidder: **Sukut Construction, LLC**

Type of organization: **LLC**

Person(s) authorized to sign for Bidder: **Michael Crawford, President & CEO;**

**Paul Kuliev, CFO & Company Secretary; Michael Greenlee, V.P./Chief Estimator;**

**Michael Zanaboni, Vice President/Operations**

Note:

If Bidder is a **Corporation**, state legal name of Corporation and also names of the president, vice-president, secretary, treasurer and manager thereof.

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

If Bidder is a sole proprietorship or an **Individual**, state first and last name(s) in full.

If Bid is signed by an agent other than an owner, partner or corporate officer, Bid shall be accompanied by a power-of-attorney.

Business Street Address: **4010 W. Chandler Avenue**  
(Please include business address even if P.O. Box is used.)

Business City, State, Zip Code: **Santa Ana, CA 92704**

P.O. Box- Number: **N/A**

P.O. Box- City, State, Zip Code: **N/A**

Phone: ( **714** ) **540-5351**

Facsimile: ( **714** ) **545-2003**

E-mail: **estimating@sukut.com**

Contractor's license number: **985106**

License Classification(s): **A, B, HAZ**

Expiration date: **7/31/17**

Department of Industrial Relations Registration Number: **1000001133**

**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:

**Clinton Keith Road Construction Project – Phase 2  
From Whitewood Road to Leon Road  
In the City of Murrieta and French Valley Area  
Project No. B2-0472**

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):

**Michael Greenlee**

Title:

**V.P./Chief Estimator**

**“Contractor”**

## 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.

Name of Bidder (Prime/General Contractor): Sukut Construction, LLC

	Subcontractor Name	License Number	DIR Registration Number	Business Address (City, State)	Construction Item(s) [Item Number and Description]	Check if Partial Work
1.	OETIZ Enterprises	467088	100600 3766	IRVINE, CA	Bridge/walls	<input checked="" type="checkbox"/>
2.	<del>SELECT ELECT. (MC)</del>	<del>297034</del>	<del>100000 1036</del>	<del>Rowland, CA</del>	<del>Signal &amp; lighting</del>	<input type="checkbox"/>
3.	CELL CRETE ENG.	243404	1000000 262	MORROVIA CA	ELASTA CELL	<input checked="" type="checkbox"/>
4.	<del>MC</del>					<input type="checkbox"/>
5.	CNC	778010	1000000 298	STANWICK CA	REBAR	<input checked="" type="checkbox"/>
6.	DRILL TECH			MURRIETA CA	CIDIT	<input checked="" type="checkbox"/>
7.	FERRERA	975186	100600 1634	CHINO CA	SIGNS, Signal MC SIGNAGE	<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: \_\_\_\_\_%

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

## 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.

Name of Bidder (Prime/General Contractor): **Sukut Construction, LLC**

	Subcontractor Name	License Number	DIR Registration Number	Business Address (City, State)	Construction Item(s) [Item Number and Description]	Check if Partial Work
1.	SBD rampover	883032		11 Livermore CA	cone. Berrien	<input checked="" type="checkbox"/>
2.	Hydo sprout				Hydo seed	<input type="checkbox"/>
3.						<input type="checkbox"/>
4.						<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: \_\_\_\_\_%

Note: A minimum of 50% of the work is required to be performed by the prime/general 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 **V.P./Chief Estimator** (Title) of **Sukut Construction, LLC** (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

**August** (Month) **12** (Day) of **2015** (Year),

at **Santa Ana** (City), **California** (State).

Signature of Declarant:



Printed name of Declarant: **Michael Greenlee**

Name of Bidder (Company): **Sukut Construction, LLC**

Title or Office: **V.P./Chief Estimator**

**Note:** Notarization of signature required.

☒ Check box if attachment is included.



**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

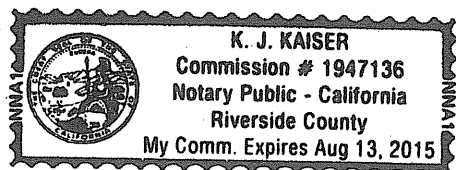
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California )  
 County of Orange )  
 On August 12, 2015 before me, K. J. Kaiser, Notary Public,  
 Date Here Insert Name and Title of the Officer  
 personally appeared Michael Greenlee  
 Name(s) of Signer(s)

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 [Signature]  
 Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_ Document Date: \_\_\_\_\_

Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_

☐ Corporate Officer — Title(s): \_\_\_\_\_

☐ Partner — ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

☐ Corporate Officer — Title(s): \_\_\_\_\_

☐ Partner — ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

**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> <b>Sukut Construction, LLC</b>		<i>Federal ID Number (or n/a)</i> <b>37-1702665</b>
<i>By (Authorized Signature)</i> 		
<i>Printed Name and Title of Person Signing</i> <b>Michael Greenlee, V.P./Chief Estimator</b>		
<i>Date Executed</i> <b>8/12/15</b>	<i>Executed in</i> <b>Santa Ana, California</b>	

**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>		<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>	

## Bid Bond

### Recitals:

1. Sukut Construction, LLC "Contractor", has submitted his/her Contractor's Proposal to County of Riverside, "County", for the construction of public work for Clinton Keith Road Construction Project – Phase 2, From Whitewood Road to Leon Road, In the City of Murrieta and French Valley Area, Project No. B2-0472 in accordance with a Notice Inviting Bids from the County.
2. Liberty Mutual Insurance Company a Massachusetts 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: August 7, 2015

Signatures:

Liberty Mutual Insurance Company



Sukut Construction, LLC



By: Rhonda C. Abel

By: 

Title: Attorney in Fact  
"Surety"

Title: V.P./Chief Estimator  
"Contractor"

STATE OF \_\_\_\_\_  
COUNTY \_\_\_\_\_  
OF \_\_\_\_\_

}

ss. SURETY'S ACKNOWLEDGEMENT

SEE ATTACHED NOTARY ACKNOWLEDGMENT

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/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.

\_\_\_\_\_  
Signature of Notary Public

\_\_\_\_\_  
Notary Public (Seal)

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

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT****CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California )  
County of Orange )  
On August 11, 2015 before me, K.J. Kaiser, Notary Public,  
Date Here Insert Name and Title of the Officer  
personally appeared Michael Greenlee  
Name(s) of Signer(s)

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 [Signature]  
Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_ Document Date: \_\_\_\_\_

Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_

☐ Corporate Officer — Title(s): \_\_\_\_\_

☐ Partner — ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

☐ Corporate Officer — Title(s): \_\_\_\_\_

☐ Partner — ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

**CIVIL CODE § 1189**

State of California )  
County of Orange )  
On AUG 07 2015 before me, Jeri Apodaca, Notary Public  
*Date Here Insert Name and Title of the Officer*  
personally appeared Rhonda C. Abel  
*Name(s) of Signer(s)*

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



**JERI APODACA**  
**Commission # 2081689**  
**Notary Public - California**  
**Orange County**  
**My Comm. Expires Oct 12, 2018**

Signature Louy Goddeer  
Signature of Notary Public

### OPTIONAL

Signer Is Representing: \_\_\_\_\_



**THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.**

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 6888481

American Fire and Casualty Company  
The Ohio Casualty Insurance Company

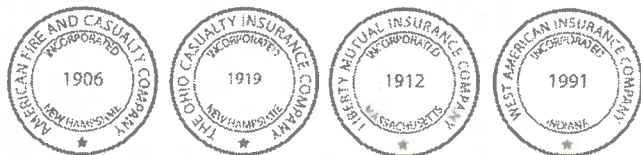
Liberty Mutual Insurance Company  
West American Insurance Company

**POWER OF ATTORNEY**

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Heather Saltarelli; James A. Schaller; Jeri Apodaca; Kim Luu; Michael D. Parizino; Rachelle Rheault; Rhonda C. Abel

all of the city of Newport Beach, state of CA each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 2nd day of March, 2015.



American Fire and Casualty Company  
The Ohio Casualty Insurance Company  
Liberty Mutual Insurance Company  
West American Insurance Company

By: David M. Carey  
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss  
COUNTY OF MONTGOMERY

On this 2nd day of March, 2015, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute 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 have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA  
Notary Seal  
Teresa Pastella, Notary Public  
Plymouth Twp., Montgomery County  
My Commission Expires March 28, 2017  
Member, Pennsylvania Association of Notaries

By: Teresa Pastella  
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

**ARTICLE IV – OFFICERS** – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

**ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings.** Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

**Certificate of Designation** – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

**Authorization** – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, 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 AUG 07 2015 day of AUG 07 2015, 2015.



By: Gregory W. Davenport  
Gregory W. Davenport, Assistant Secretary

To confirm the validity of this Power of Attorney call  
1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

Not valid for mortgage, note, loan, letter of credit,  
currency rate, interest rate or residual value guarantees.



- Company Profile
- Company Search
- Company Information
- Old Company Names
- Agent for Service
- Reference Information
- NAIC Group List
- Lines of Business
- Workers' Compensation Complaint and Request for Action/Appeals
- Contact Information
- Financial Statements PDF's
- Annual Statements
- Quarterly Statements
- Company Complaint
- Company Performance & Comparison Data
- Company Enforcement Action
- Composite Complaints Studies
- Additional Info
- Find A Company Representative In Your Area
- View Financial Disclaimer

## COMPANY PROFILE

### Company Information

#### LIBERTY MUTUAL INSURANCE COMPANY

**175 BERKELEY ST  
BOSTON, MA 02116  
800-526-1547**

### Old Company Names

### Effective Date

### Agent For Service

KARISSA LOWRY  
C/O CORPORATION SERVICE COMPANY  
2710 GATEWAY OAKS DRIVE, SUITE 150N  
SACRAMENTO CA 95833

### Reference Information

NAIC #:	23043
California Company ID #:	1022-3
Date Authorized in California:	08/30/1929
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	MASSACHUSETTS

[back to top](#)

### NAIC Group List

NAIC Group #: **0111** LIBERTY MUT GRP

### Lines Of Business

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

[back to top](#)

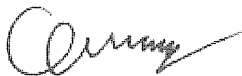


**Recommended By:**

**Signature on File**

John Marcinek, PE  
County Project Manager

**Concurrence:**



6/25/15

Khalid Nasim, PE  
Engineering Division Manager

**Sukut Construction, LLC**

**Acknowledged:**



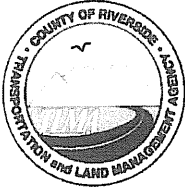
**Date: 9/12/15**

(Contractor)

**Michael Greenlee, V.P./Chief Estimator**

JRJ:jrj:rr

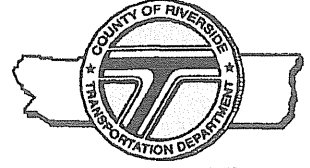
Note: Refer to Instruction to Bidders Item No. 8, "Addenda". Submission of all addendum pages and non-bidding document attachments of addendum are not necessary for Bid submittal. Submittal of this acknowledgement page is adequate for Bid reception. Bidders are reminded to list addendum number(s) received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



Juan C. Perez, P.E., T.E.  
Director of Transportation and Land  
Management

# COUNTY OF RIVERSIDE

## TRANSPORTATION AND LAND MANAGEMENT AGENCY



Patricia Romo, P.E.  
Assistant Director of Transportation

### Transportation Department

#### ADDENDUM NUMBER 2

Dated July 9, 2015

to the  
Specifications and Contract Documents  
for the construction of

Clinton Keith Road Construction Project – Phase 2  
From Whitewood Road to Leon Road  
In the City of Murrieta and French Valley Area  
Project No. B2-0472

**Bids Due:** (Revised) Wednesday, July 22, 2015; 2:00 p.m.  
14<sup>th</sup> Street Transportation Annex  
3525 14<sup>th</sup> 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 Bid (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://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

#### 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, July 22, 2015; 2:00 p.m.  
14<sup>th</sup> Street Transportation Annex  
3525 14<sup>th</sup> Street; Riverside, CA 92501  
(951) 955-6780

Prepared by:

 7/9/15  
Joel Jimenez, PE; Senior Civil Engineer; Contracts/Bidding Unit

Acknowledged:

 Date: 9/12/15  
(Contractor)  
Sukut Construction, LLC  
Michael Greenlee, V.P./Chief Estimator

JRJ:rr

**Recommended By:**




John Marcinek, PE  
County Project Manager

**Concurrence:**

 7/16/15

Khalid Nasim, PE  
Engineering Division Manager

**Sukut Construction, LLC**

**Acknowledged:**  **Date:** 9/12/15  
(Contractor)

**Michael Greenlee, V.P./Chief Estimator**

JRJ:jrj:rr

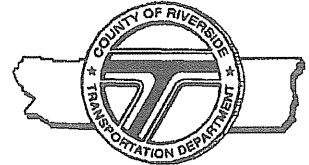
Note: Refer to Instruction to Bidders Item No. 8, "Addenda". Submission of all addendum pages and non-bidding document attachments of addendum are not necessary for Bid submittal. Submittal of this acknowledgement page is adequate for Bid reception. Bidders are reminded to list addendum number(s) received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



Juan C. Perez, P.E., T.E.  
Director of Transportation and Land  
Management

# COUNTY OF RIVERSIDE

## TRANSPORTATION AND LAND MANAGEMENT AGENCY



Patricia Romo, P.E.  
Assistant Director of Transportation

### Transportation Department

#### ADDENDUM NUMBER 4

Dated July 24, 2015

to the  
Specifications and Contract Documents  
for the construction of

Clinton Keith Road Construction Project – Phase 2  
From Whitewood Road to Leon Road  
In the City of Murrieta and French Valley Area  
Project No. B2-04722

**Bids Due:** (Revised) Wednesday, August 12, 2015; 2:00 p.m.  
14<sup>th</sup> Street Transportation Annex  
3525 14<sup>th</sup> 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 Bid (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://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

#### 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, August 12, 2015; 2:00 p.m.  
14<sup>th</sup> Street Transportation Annex  
3525 14<sup>th</sup> Street; Riverside, CA 92501  
(951) 955-6780

Prepared by:

 7/24/15  
Joel Jimenez, PE; Senior Civil Engineer, Contracts/Bidding Unit

Acknowledged:

 Date: 9/12/15

(Contractor)

JRJ:rr

**Sukut Construction, LLC**  
**Michael Greenlee, V.P./Chief Estimator**

3525 14<sup>th</sup> Street · Riverside, CA 92501 · (951) 955-6800  
FAX (951) 955-3164

**Recommended By:**



John Marcinek, PE  
County Project Manager

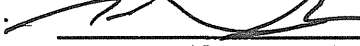
**Concurrence:**



7/29/15

Khalid Nasim, PE  
Engineering Division Manager

**Sukut Construction, LLC**

Acknowledged:  Date: 9/12/15  
(Contractor)  
Michael Greenlee, V.P./Chief Estimator

JRJ:jrj:rr

Note: Refer to Instruction to Bidders Item No. 8, "Addenda". Submission of all addendum pages and non-bidding document 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).

Addendum No. 6

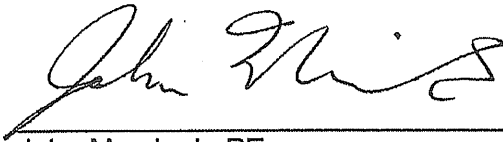
Clinton Keith Road Construction Project – Phase 2, From Whitewood Road to Leon Road  
In the City of Murrieta and French Valley Area, Project No. B2-04722

August 6, 2015

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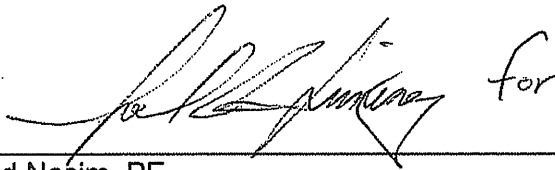
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**Recommended By:**



John Marcinek, PE  
County Project Manager

**Concurrence:**

 for

Khalid Nasim, PE  
Engineering Division Manager

**Sukut Construction, LLC**

**Acknowledged:**

  
(Contractor)

**Michael Greenlee, V.P., Chief Estimator**

Date: **9/12/15**

JRJ:jrj:rr

Note: Refer to Instruction to Bidders Item No. 8, "Addenda". Submission of all addendum pages and non-bidding document 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).

## 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.

Name of Bidder (Prime/General Contractor): **Sukut Construction, LLC**

	Subcontractor Name	License Number	DIR Registration Number	Business Address (City, State)	Construction Item(s) [Item Number and Description]	Check if Partial Work
1.	<b>Ortiz Enterprizes</b>	<b>467088</b>	<b>1000003766</b>	<b>Irvine, CA</b>	<b>Bridge/Walls</b>	<input checked="" type="checkbox"/>
2.	<b>Drill Tech</b>	<b>745354</b>	<b>1000004866</b>	<b>Antioch, CA</b>	<b>CIDH</b>	<input type="checkbox"/>
3.	<b>FBD Vanguard</b>	<b>833032</b>	<b>1000008493</b>	<b>Livermore, CA</b>	<b>Concrete Barriers</b>	<input type="checkbox"/>
4.	<b>CMC</b>	<b>778010</b>	<b>1000000298</b>	<b>Etiwanda, Ca</b>	<b>Rebar</b>	<input type="checkbox"/>
5.	<b>Cell-Crete Corp.</b>	<b>243404</b>	<b>1000000262</b>	<b>Monrovia, CA</b>	<b>Elastizell</b>	<input checked="" type="checkbox"/>
6.	<b>Hydrosprout, Inc.</b>	<b>582303</b>	<b>1000005171</b>	<b>Escondido, CA</b>	<b>Hydroseed</b>	<input type="checkbox"/>
7.	<b>Ferreira Construction Company, Inc.</b>	<b>985180</b>	<b>1000001634</b>	<b>Chino, CA</b>	<b>Signal/Lighting</b>	<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.)

**Alt. Bid Schedule 1 (2-Lane) = 37.66%**

**Alt. Bid Schedule 2 (4-Lane) = 40.05%**

Percent of work to be performed by Subcontractors: \_\_\_\_\_%

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