



# TOWN OF APPLE VALLEY

## TOWN COUNCIL STAFF REPORT

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**To:** Honorable Mayor and Town Council                      **Date:** July 10, 2012  
**From:** Brad Miller, Town Engineer                              **Item No:** 6  
**Subject:** SR-18/APPLE VALLEY ROAD INTERSECTION IMPROVEMENT  
PROJECT CONTRACT AMENDMENT NO. 1.

**T.M. Approval:** \_\_\_\_\_                                      **Budgeted Item:**  Yes    No    N/A

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### RECOMMENDED ACTION:

Approve Amendment No. 1 to the November 2008 Agreement between the Town of Apple Valley and Dokken Engineering for engineering services on the State Route 18/Apple Valley Road Intersection Improvement Project for an amount not-to-exceed \$275,040.00.

### SUMMARY:

On November 18, 2008, the Town of Apple Valley entered an agreement with Dokken Engineering for Environmental and Design Services on the State Route 18/Apple Valley Road Intersection Improvement Project for an amount not-to-exceed \$417,000.00.

Amendment No. 1 is requested to address design services for the California Army National Guard property, address out of scope work necessary to meet changes in Caltrans requirements, update existing conditions within the project area and provide expanded services related to right-of-way appraisal/acquisition and landscape architecture tasks.

Dokken Engineering proposes to provide these additional services for a not-to-exceed amount of \$275,040.00. The addition of this amendment brings Dokken Engineering's total contract to \$692,040.00 which represents approximately 16% of the estimated construction costs for combined Project Approval & Environmental Document, Design, Right-of-Way and Permitting.

A summary showing the estimated effort for each task is included as Attachment A (Amendment No. 1 – Task and Cost Proposal Summary). An overall Contract Cost Summary is included as Attachment B.

**FINANCIAL IMPACT:**

The work performed under the tasks described in this proposed amendment are projected to take two (2) years. The current project budget reflects this multi-year schedule. As a result, there are sufficient funds approved for this amendment.

Vicinity Map

Not to Scale





**TOWN OF APPLE VALLEY**  
**SR 18/Apple Valley Road Intersection Improvement Project**  
**ATTACHMENT A: AMENDMENT NO. 1 - TASK AND COST PROPOSAL SUMMARY**  
**May 29, 2012**

TASK DESCRIPTION	DOKKEN ENGINEERING										SUBCONSULTANTS				GRAND TOTAL		
	QA/QC \$170	PM \$185	Geotech \$185	PE \$150	Assoce \$180	Assist \$110	Sen Envr \$160	Env Plan \$130	Env Spc \$90	Eng Tech \$60	TOTAL HRS	TOTAL \$	Aguire Survey	Group Delta Geotech		Eric ROW	RCJ LA
<b>1.0 PROJECT MANAGEMENT</b>	0	40	0	96	0	0	0	0	0	0	184	\$25,080	\$0	\$0	\$0	\$0	\$25,080
1.1 PDT Meetings		16		48							48	\$13,200					\$13,200
1.2 Coordination with Caltrans											0	\$0					\$0
1.3 Coordination with Town		24		48							72	\$11,880					\$11,880
<b>2.0 PRELIMINARY ENGINEERING/ENVIRONMENTAL</b>	10	54	0	124	124	255	6	16	40	128	758	\$89,430	\$2,500	\$22,820	\$0	\$0	\$114,750
2.1 Survey and Base Mapping					8						8	\$1,040	\$2,500				\$3,540
2.2 Utility Research and Coordination				4	12	32					48	\$5,680					\$5,680
2.3 Preliminary Hydraulic and Geotechnical Investigation	10	6	48	16	16	16	0	0	0	0	96	\$13,910		\$22,820			\$36,730
SWR												\$4,340					\$4,340
Final Geotechnical Report											17	\$2,760					\$2,760
Change to Existing EB Lanes, and Amey Alley											11	\$2,410					\$2,410
<b>2.4 Preliminary Design and Right-of-Way Requirements</b>	24		24	64	68	120	6	16		60	280	\$31,080					\$31,080
2.5 Technical Studies and Environmental Documentation											142	\$16,240					\$16,240
2.6 Caltrans Permit Application & Approval Process	24		48	24	24	184	0	0	40	48	184	\$21,480					\$21,480
<b>3.0 FINAL ENGINEERING</b>	2	38	0	126	188	128	0	0	0	68	570	\$70,450	\$0	\$0	\$73,500	\$30,000	\$173,950
3.1 85% Plans	0	26		66	100	96	0	0	0	64	354	\$42,670	\$0	\$0	\$0	\$15,000	\$57,670
Amey Park/Led											11	\$13,910					\$13,910
Change to Existing											16	\$4,930					\$4,930
Town Park/Led/Lane Changes											8	\$4,280					\$4,280
Wall Treatments											14	\$16,240					\$16,240
Landscaping/Drainage											16	\$1,776					\$1,776
Sanitary Sewer Rehabilitation											16	\$1,776					\$1,776
<b>3.2 85% Plans, Specifications, and Estimates</b>	2	2		8	40	24				16	92	\$10,730				\$10,000	\$20,730
<b>3.3 Right-of-Way Exhibit Maps &amp; Plans/Legal Descriptions</b>												\$0					\$0
<b>3.4 Appraisals and Acquisition Services</b>	10		48	40	40	0	0	0	0	0	98	\$14,390			\$73,500	\$87,880	
3.4.1 Title Services											1	\$160			\$3,000	\$3,160	
3.4.2 Appraisal Services											1	\$6,778			\$13,500	\$20,278	
3.4.3 Appraisal Review Services											1	\$160			\$11,000	\$12,160	
3.4.4 As-Built/Field Surveys											1	\$4,876			\$1,500	\$6,376	
3.4.5 Eminent Domain Expenses											1	\$710			\$4,133	\$4,843	
3.4.6 Right of Way Certification Services											1	\$110			\$3,000	\$3,110	
<b>3.5 Utility Coordination</b>											0	\$0				\$0	
3.6 100% Bid Package				2	8	8				8	26	\$2,700				\$5,000	\$7,700
<b>4.0 BIDDING AND CONSTRUCTION SUPPORT</b>	0	-24	-16	-40	-56	-56	-24	0	-8	0	-224	-\$31,320	0	\$0	0	0	-\$31,320
4.1 Bidding Support											-80	-\$11,680					-\$11,680
4.2 Construction Support											-144	-\$19,640					-\$19,640
<b>5.0 AS-BUILT PREPARATION</b>	0	-4	0	-8	-40	-40	0	0	0	0	-60	-\$7,420	0	0	0	0	-\$7,420
5.1 As-Built Preparation											-4	-\$7,420					-\$7,420
<b>TOTAL</b>	12	104	-16	298	245	245	16	32	264	1228	1228	\$146,220	\$2,500	\$22,820	\$73,500	\$30,000	\$275,040

**TOWN OF APPLE VALLEY**  
**SR 18/Apple Valley Road Intersection Improvement Project**

**ATTACHMENT B: CONTRACT COST SUMMARY**  
**May 29, 2012**

TASK #	TASK DESCRIPTION	Project Total:	Current Contract Amount	Amendment 1	Proposed Total Contract Amount with Amendment 1	% of Construction Cost*
<b>1.0</b>	<b>PROJECT MANAGEMENT</b>		\$417,000	\$275,040	\$692,040	16.28%
1.1	PDT Meetings		\$39,220	\$25,080	\$64,300	1.51%
1.2	Coordination with Caltrans		17,340	13,200	30,540	
1.3	Coordination with Town		12,360	-	12,360	
			9,520	11,880	21,400	
<b>2.0</b>	<b>PRELIMINARY ENGINEERING/ENVIRONMENTAL</b>		\$208,080	\$114,750	\$322,830	7.60%
2.1	Survey and Base Mapping		22,290	3,540	25,830	
2.2	Utility Research and Coordination		5,820	5,680	11,500	
2.3	Preliminary Hydraulic and Geotechnical Investigation		42,520	36,730	79,250	
2.4	Preliminary Design and Right-of-Way Requirements		42,540	31,080	73,620	
2.5	Technical Studies and Environmental Documentation		85,410	16,240	101,650	
2.6	Caltrans Permit Application and Approval Process		9,500	21,480	30,980	
<b>3.0</b>	<b>FINAL ENGINEERING</b>		\$130,960	\$173,950	\$304,910	7.17%
3.1	65% Plans		42,300	57,670	99,970	
3.2	95% Plans, Specifications, and Estimates		25,640	20,730	46,370	
3.3	Right-of-Way Exhibit Map and Individual Plats & Legal Description		35,760	-	35,760	
3.4	Appraisals and Acquisition Services		-	87,850	87,850	
3.5	Utility Coordination		10,820	-	10,820	
3.6	100% Bid Package		16,440	7,700	24,140	
<b>4.0</b>	<b>BIDDING AND CONSTRUCTION SUPPORT</b>		\$31,320	(\$31,320)	\$0	0.00%
4.1	Bidding Support		11,680	(11,680)	-	
4.2	Construction Support		19,640	(19,640)	-	
<b>5.0</b>	<b>AS-BUILT PREPARATION</b>		\$7,420	(\$7,420)	\$0	0.00%

\*Based on Construction Estimate of \$4,250,000