

**TOWN OF  
APPLE VALLEY, CALIFORNIA**

**AGENDA MATTER**

**Subject Item:**

**YUCCA LOMA BRIDGE CONTRACT AMENDMENT #6, OF THE YUCCA LOMA BRIDGE CONTRACT AGREEMENT IN THE AMOUNT OF \$847,400.00, FOR ADDITIONAL DESIGN AND RIGHT OF WAY SERVICES, AND CONSTRUCTION SUPPORT FOR TOWN FACILITIES– FINAL DESIGN AND PROJECT COORDINATION**

**Summary Statement:**

The purpose of Contract Amendment #6 of the Agreement between the Town of Apple Valley and Dokken Engineering involving services on the Yucca Loma Road/Yates Road/ Green Tree Boulevard Transportation Project reinstates those tasks previously deferred in Amendment 5, and provides for additional services related to acquisition of the State owned parcels. It also includes Construction Support Services for the Yucca Loma Bridge and Yucca Loma Road Construction Contract packages.

These changes in contract scope are proposed to be accommodated through amendments to the current contract. Dokken Engineering proposes to provide the additional services for **Amendment #6** as outlined in the attached September 2, 2011 request letter for a Not-to-Exceed amount of **\$847,400**. This Amendment will bring Dokken Engineering's total contract to **\$4,698,350**, which still represents less than 4.5% of related construction costs.

(Continued)

**Recommended Action:**

Approve the Yucca Loma Bridge Project Contract Amendment # 6 with Dokken Engineering, the design contractor, in the amount of \$847,400.00, subject to "Approval as to Form" by the Town Attorney and "Approval as to Content" by the Town Manager.

**Proposed by:** Engineering Division **Item Number** \_\_\_\_\_

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

Summary Statement  
Page Two

To provide perspective, in 2006, the Federal Regional Transportation Improvement Program (RTIP) allocated \$2,800,000.00 to the Town of Apple Valley, specifically for the environmental studies and structural design of the Yucca Loma Bridge. This money was allocated based on the condition that the Town provided 11.47% (\$321,160.00) in matching funds, for which the Town has set aside and budgeted \$500,000.00, creating a Project Fund Balance of \$3,300,000.

The original contract with Dokken Engineering for this project was \$2,850,981.00, and included Final Designs for the Apple Valley jurisdictional areas of the project. The subsequent amendment #1 expanded the Dokken Engineering contract to include Environmental Studies and Preliminary Engineering for the San Bernardino County and Victorville segments, and an additional Amendment #2 provided for Supplemental Traffic Analysis relating to the above described expansion of the Project, bringing the Total Contract to \$3,153,682. The Town's planned budget for this project was \$3,300,000.00, and provided sufficient funds for the requested initial expansion of the environmental study area. Plus, with other jurisdictions now participating in the project, the 11.47% matching fund requirement is divided among the participating jurisdictions, reducing the Town's overall cost.

In September of 2009, both the County of San Bernardino and the City of Victorville requested proposals from Dokken Engineering to provide Final Design Services for their respective segments of the Project. On September 25, 2009, Dokken Engineering submitted Amendment Request #3, Part One and Part Two, that include completion of Final Design and Right-of-Way Services for the County of San Bernardino, and expanded Town of Apple Valley segments, (Part One) as well as Final Design Services for the City of Victorville, (Part Two). While the original RTIP Grant funds, and the Town's 11.47% matching funds, will cover the additional \$128,300.00 indicated in the proposal to appropriately amend the Apple Valley component of the contract, the San Bernardino County component will require an additional commitment of \$208,600.00 by the County. The County indicated its acceptance of the Dokken Proposal and, on January 12, 2010, the Apple Valley Town Council approved Amendment #3, (Part one), excluding Part Two. This Contract Amendment, #3, adding \$336,900 to the contract, plus an approved Change Order for TIGER II Grant Application-Enhancement support services, in the amount of \$6,475, brought the Dokken Contract Total to \$3,497,057. The Dokken Contract Amendment # 4, in the amount of \$97,815., covered construction related work pertaining to the Clearing and Tree Removal activities within the future Bridge alignment, and brought the Dokken Contract to a total amount of \$3,594,872. The Dokken Contract Amendment #5, in the amount of \$256,078., further modified the scope of work and brought the total contract amount to \$3,850,950.

As noted above, the Dokken Contract Amendment # 6, in the amount of \$847,400., will bring the current Dokken Contract to a total amount of \$4,698,350. Based upon the foregoing, staff recommends adoption of the form motion.

# LOCATION MAP







**TOWN OF APPLE VALLEY**  
**Yucca Loma Road/Vates Road/Green Tree Boulevard Transportation Improvement Project**  
**ATTACHMENT B: CONTRACT COST SUMMARY**  
**September 2, 2011**

Task#	Task	Current Contract Amount	Expended through August 31, 2011	Remaining Contract Balance as of August 31, 2011	Amendment 6	Proposed Total Contract Amount	% Value of Construction	Construction Value of Work
<b>Project Total:</b>		<b>\$3,550,950</b>	<b>\$3,536,610</b>	<b>\$214,341</b>	<b>\$847,400</b>	<b>\$4,698,350</b>		
0.1	PROJECT MANAGEMENT	374,859	354,155	20,714	125,000	499,859	0.82%	\$ 80,000,000
0.1	Project Management - Phase I: PA&E	311,889	292,256	9,633	-	311,889		
0.2	Project Management - Phase 2: General Multi-Agency	63,001	61,890	1,111	83,300	146,001		
0.3	Public Outreach/Coordination - Scenic Views and Final Design	-	-	-	42,000	42,000		
1.0	PHASE I - PRE & ENV COMPLIANCE	51,564,117	1,562,200	1,637	-	1,564,117	1.96%	\$ 80,000,000
1.1	Preliminary Engineering Tasks	47,947,112	964,943	(34,671)	-	927,742		
1.2	Env Documentation & Compliance	851,976	298,057	21,299	-	298,057		
2.0	PHASE 2 - FINAL DESIGN & RW ENGR TASKS	1,767,236.04	1,517,543	219,213	254,500	2,041,796	4.37%	\$ 46,725,000
2.1	Final Geotechnical and Hydrology Reports	229,136	224,333	6,947	18,000	241,136		
2.2	Environmental Permitting	70,131	63,140	6,991	-	70,131		
2.3	65% Plans and Estimate	789,526	720,159	79,367	139,100	938,026		
A	N/A	-	-	-	-	-		
B	Yucca Loma Slope	300,994	277,720	51,272	-	300,994		
C	Vates Loma Slope	1,689	1,689	-	-	1,689		
D	Yucca Road*	2,609	2,609	-	-	2,609		
E	Restoration Area	29,877	29,877	-	-	29,877		
2.4	90% Plans, Specs and Estimate	254,757	228,221	35,536	68,200	336,157		
A	Clearing and Tree Removal	128,893	114,488	14,405	-	128,893		
B	Yucca Loma Slope	128,893	128,893	-	-	128,893		
C	Yucca Loma Road	86,111	12,304	73,807	31,000	119,881		
D	Vates Road**	0	0	0	13,200	13,200		
E	Restoration Area	19,000	19,000	-	-	19,000		
2.5	90% Plans, Specs and Estimate	184,274	184,274	-	32,400	184,274		
A	Clearing and Tree Removal	17,574	17,574	-	-	17,574		
B	Yucca Loma Slope	67,809	67,809	-	-	67,809		
C	Yucca Loma Road	96,037	96,037	-	-	96,037		
D	Vates Road	5,000	5,000	-	-	5,000		
E	Restoration Area	5,000	5,000	-	-	5,000		
2.6	ROW Exhibit, Plans, and Legal	117,196	116,991	(1,765)	3,000	120,186		
2.7	Other Agency Approvals	47,784	39,270	8,514	-	47,784		
2.8	Final Design Approval	37,897	37,897	-	-	37,897		
2.9	Value Analysis	70,986	69,501	1,485	-	70,986		
3.0	RIGHT OF WAY ACQUISITION SERVICES	60,980	108,427	(27,327)	40,000	120,900	0.28%	\$ 46,725,000
4.0	TIGER II GRANT	6,475	6,475	-	-	6,475		
5.0	BIDDING AND CONSTRUCTION SUPPORT	37,293	37,739	(437)	427,500	465,193	1.00%	\$ 46,725,000
5.1	Construction Management RFP	19,279	26,426	(9,147)	31,300	31,300		
5.2	Bidding and Construction Support	17,729	26,426	(9,147)	298,179	298,179		
A	Clearing and Tree Removal	-	26,426	-	115,500	141,926		
B	Yucca Loma Slope	-	-	-	81,500	81,500		
C	Yucca Loma Road	-	-	-	33,500	33,500		
D	Vates Road	-	-	-	-	-		
E	Restoration Area*	-	-	-	-	-		
5.2.02	Preconstruction Biology Survey, Agency Coord., & Training	4,831	4,613	(92)	10,700	23,221		
A	Clearing and Tree Removal	4,521	4,513	-	-	4,521		
B	Yucca Loma Slope	-	-	-	10,300	10,300		
C	Yucca Loma Road	-	-	-	3,200	3,200		
D	Vates Road	-	-	-	-	-		
E	Restoration Area*	-	-	-	-	-		
5.2.03	State ESA	1,089	792	397	5,200	7,089		
A	Clearing and Tree Removal	1,089	792	297	-	1,089		
B	Yucca Loma Slope	-	-	-	-	-		
C	Yucca Loma Road	-	-	-	-	-		
D	Vates Road	-	-	-	-	-		
E	Restoration Area*	-	-	-	-	-		
5.2.04	Biological Construction Monitor/ECR Compliance/WPPP	14,384	6,899	8,485	99,400	111,784		
A	Clearing and Tree Removal	14,384	5,999	8,485	-	14,384		
B	Yucca Loma Slope	-	-	-	60,400	60,400		
C	Yucca Loma Road	-	-	-	26,000	26,000		
D	Vates Road	-	-	-	-	-		
E	Restoration Area*	-	-	-	12,900	12,900		

OPTIONAL TASKS FOR AMENDMENT 6 (NOT INCLUDED IN TOTALS ABOVE)		26,000	261,139
2.1	Final Geotechnical and Hydrology Reports - Vates Rd. Liquidation		
	Original Contract Amount:	\$ 2,650,982	
	Amendment 1 - Green Tree Extension ED:	\$ 283,000	
	Amendment 2 - Supplemental Traffic Analysis:	\$ 19,700	
	Amendment 3 - Supplemental Traffic Analysis:	\$ 37,815	
	Amendment 4 - Clearing and Tree Removal:	\$ 6,475	
	Amendment 5 - Final Design & Project Coordination:	\$ 250,000	
	Current Contract Amount:	\$ 3,047,972	
	Amendment 6:	\$ 547,400	
	Proposed Total Contract Amount Through Amendment 6:	\$ 4,698,350	
	Amendment 6 Optional Task:	\$ 38,000	
	Proposed Total Contract Amount Through Amendment 6 with Optional Task:	\$ 4,734,350	





September 2, 2011

Mr. Brad Miller  
TOWN OF APPLE VALLEY  
Engineering Division  
14955 Dale Evans Parkway  
Apple Valley, CA 92307

**RE: Amendment Request #6 to the Yucca Loma Bridge Contract Agreement  
Additional Design and Right of Way Services; and Construction Support for Town Facilities**

Dear Mr. Miller:

The purpose of this letter is to request Contract Amendment #6 to the July 2007 Agreement between the Town of Apple Valley and Dokken Engineering for services on the Yucca Loma Road/Yates Road/Green Tree Boulevard Transportation Improvement Project. Amendment 6 reinstates those tasks previously deferred in Amendment 5 and provides additional services related to acquisition of the State Parcels. It also includes Construction Support Services for the Yucca Loma Bridge and Yucca Loma Road Construction Contract packages.

Dokken Engineering proposes to provide the additional services as outlined below for a Not-to-Exceed amount of \$847,400. This will bring Dokken Engineering's total contract to \$4,698,350, which represents less than 4.5% of related construction costs.

A summary showing the estimated effort for each task is included as Attachments A: Amendment 6 - Task and Cost Proposal Summary, and a description of the added services are provided below. An overall Contract Cost Summary has been included as Attachment B. In addition, Attachment C provides a summary of how the various contract costs to date are included in existing Agency Agreements. As you will see, the cost of Amendment 6 was anticipated when the second interagency agreement was entered into between the County and the Town in May of this year. The County's planned share of costs is within that budgeted in the two interagency agreements. The Town did request some additional services related to the bridge design and Yucca Loma Road, and also requested Construction Service be added in this amendment, so their costs exceed that estimated in the prior agreement summaries.

**Description of Additional Scope of Services – Amendment 6:**

Following are descriptions of the added scope of services for each task affected by this amendment. The order listed below is consistent with the attached cost proposal and contract summaries.

**Phase 0: Project Management**

This item includes additional budget for overall project management and for the public outreach and coordination related to the soundwall design. We have created a separate subtask for the soundwall component so it can be tracked separately from general project management. We will also establish sub-charge numbers within the subtask to track Town and County wall activities separately. The additional budget requested in this amendment is described as follows.



**Contract Task**

**Task 0.2 Project Management – Phase 2: General Multi-Agency:**

The original contract contained scope for project management for a time period of three years. Amendment 5 increased the budget in this item to cover additional coordination with the three jurisdictions involved, including material preparation and meetings through an estimated timeframe of September 2011. This extended timeframe and budget is close to expiration, requiring augmentation to continue project management and coordination between the participating agencies for those activities of benefit to the overall project. It is anticipated the current level of effort will diminish as the project delivery plan is completed and funded. The requested budget amount is projected to last approximately eighteen months, or until approximately January 2013. Subproject management for specific PS&E packages is not included here, but in the various PS&E items in Task 2 so that those costs can be monitored and tracked to the sponsoring agency

**Additional Budget**

Task Total:  
\$82,000

**Task 0.3 Public Outreach/Coordination – Phase 2: Soundwalls and Final Design:**

Initial public outreach for the project during the Environmental Document phase was included in our original scope and was completed in January 2011. Budget associated with outreach during final design, particularly related to the soundwalls, has not been included to date. It is recommended that coordination with the residents, school, and the fire station adjacent to the project be continued. The work comprised by this task will include meeting and discussing design options with the Town and County, and then holding meetings with groups of property owners/residents for each wall segment, driveway conforms, or special access needs. It is anticipated the design work will progress independently with the Town and County, so cost will be tracked separately to aid in final project cost share accounting.

Task Total:  
\$43,000

**Phase II: Final Design, Engineering and Permitting Tasks**

**Contract Task**

**Task 2.1.01 Final Foundation and Geotechnical Report (Yates Road):**

In Amendment 3, Part I, a budget of \$45,000 was established for the geotechnical design report for Yates Road and the Yates Road soundwalls. Field work for this task was completed in 2010. In Amendment 5, the analysis and report included in this task were deferred, which accounts for \$18,000 worth of work from the original budget. It is proposed that this deferred work be reinstated in Amendment 6.

**Additional Budget**

Task Total:  
\$18,000

**Task 2.1.03 Yates Liquefaction Evaluation -Optional Task:**

Based upon the previously completed geological borings along the toe of Yates Road, a layer of liquefiable sands has been identified and are predicated to liquefy under the design seismic event. Field observations have also indicated that the existing fill within Yates Road has settled and translated north over time, illustrated by the cracking pattern in the asphalt concrete, gaps between the asphalt concrete and concrete gutter pan, and movements of the concrete and asphalt curb. In order to better quantify the amount and extent of potential liquefaction along Yates Road as it relates to the widening of Yates, a slope stability and settlement analyses and a Cone Penetration test are recommended.

Task Total:  
\$36,000  
(Optional Task,  
not in total)





This test would occur along the toe of slope of the existing and proposed slope locations to approximate depths of 50 feet to quantify subsurface conditions. The results of the Cone Penetration Test and recommendations for design would be incorporated into the Geotechnical Design Report prepared for Yates Road.

Since the County is currently planning to maintain the existing two lane configuration (except for some fills in the area of Park Road) this work could be deferred, so it is included as an optional task for planning purposes.

Task 2.3 65% Plans and Estimate:

Task Total:  
\$139,100

*Sub Task 2.3C – Yucca Loma Road: \$78,000*

The work for the Yucca Loma Road soundwalls was deferred with Amendment 5 and is now being reinstated into the project scope to be incorporated with the 65% plans and estimate for Yucca Loma Road.

The Town has also requested that the overall layout of Yucca Loma Road incorporate the Class I path alternative from the project’s Value Analysis process. This will require shifting the design centerline, revising sheets, sections, and details for Yucca Loma Road from the bridge to Apple Valley Road.

In addition, the Town requested that Dokken Engineering evaluate and implement out of scope design options that eliminated right of way impacts to private property owners at the end of Yucca Loma Road. This included redesign of the proposed regional drainage system on Yucca Loma Road to pass through the eastern bridge abutment prior to its outfall at the Mojave River and design of an approach wall to avoid slope fills, requiring redetailing of bridge deck features to avoid right of way impacts. A budget increase of \$45,000 is included in this subtask to account for this additional work and restore budget that was used.

*Sub Task 2.3D – Yates Road: \$61,100*

Amendment 5 deferred the work for Yates Road, which included final design for the road and required soundwalls. Amendment 6 proposes to reinstate this item to prepare 65% plans and estimate for Yates Road including 2-lanes from Fortuna Lane to Park Road; intersection improvements at Park Rd, Tahoe Lane, and Fortuna Lane; and soundwalls adjacent to Spring Valley Lake.

In addition, budget is requested for utility potholing of Yates Road as this work was not previously included. Work under this task will consist of utility potholing in the field for approximately 20 potholes and survey of those locations for inclusion in the plans. The costs associated with the potholing company and the survey subconsultant have been included as other direct costs in Attachment A: Task and Cost Proposal Summary.

It is anticipated the soundwalls for Yucca Loma Road and Yates Road will be added to the roadway bid packages to take advantage of construction staging opportunities that will reduce overall construction costs. This also reduces bid set preparation costs.

Task 2.4 90% Plans, Specifications, and Estimate:

Task Total:  
\$62,000

*Sub Task 2.4 C Yucca Loma Road (\$31,000)*

This subtask includes the work for responding to 65% submittal comments and completing 90% plans, specifications, and estimate for the soundwalls on Yucca Loma Road to be incorporated in the roadway plan set as one complete bid package as previously deferred in Amendment 5.



*Sub Task 2.4 D Yates Road (\$31,000)*

This subtask includes the work for responding to 65% submittal comments and completing 90% plans, specifications, and estimate for the roadway and soundwalls for Yates Road to be incorporated in the roadway plan set as one complete bid package as previously deferred in Amendment 5.

Task 2.5 100% Plans, Specifications, and Estimate:

Task Total:

*Sub Task 2.5 C Yucca Loma Road (\$20,000)*

\$32,400

Provides sufficient budget to respond to 90% submittal comments and final design for 100% plans, specifications, and estimate for Yucca Loma Road including roadway, drainage facilities, signal, bike lane and soundwalls.

*Sub Task 2.5 D Yates Road (\$12,400)*

Reinstates responding to 90% submittal comments and final design for 100% plans, specifications, and estimate for the roadway and soundwalls on Yates Road from Fortuna Lane to Park Road as previously deferred in Amendment 5.

Task 2.6 Right of Way Exhibits, Plats and Legals:

Task Total:

The Town requested Dokken Engineering's assistance on multiple out of scope items of work during the iterative acquisition process with private and public agency property owners. Additional services included:

\$3,000

- Prepared right of way exhibits for parcels encompassing proposed project easements for Agency use in meetings and discussions.
- Reviewed and plotted various easements and legals as described within various agency agreements that affect the project area since the late 1960's. This included, but was not limited to plotting of the slope easements described within the Developer/County agreement dated August of 1969 and plotting of the Mojave Narrows Regional Park boundary.
- As support to Town and County staff in the Eminent Domain proceedings against the State, easement deeds were updated to reflect easements temporarily vesting in the County for the purposes of condemnation.

The budget increase requested in this item will cover those costs and provide a small budget (less than \$2,000) for changes that may come up related to the Iverson property.

Exhibits and descriptions needed for the State Park Land Conversion process are not included in this item. We understand these services will be provided under separate amendment if desired by the Town and County.

Task 3.0 Right of Way Acquisition Services

Task Total:

The Town requested out of scope services from Dokken Engineering related to the completion of the Right of Way Certification package for the Bridge PS&E package. These expedited services were needed to timely submit the Request for Authorization for \$15 million in Federal State Transportation Program (STP-L) in time to allow obligation by the end of the federal fiscal year (August 31, 2011). Additional services provided under this task are as follows:

\$40,000

- Assisted Town in conference calls with Town attorney and in negotiations with the WCB, including iterative revisions to the Right of Entry and Agreement for Possession and use for the State parcels.



- Prepared written summaries for Agency use in meetings, discussions, and agreements.
- Coordinated with the WCB regarding the appraisal and offer to the State on behalf of the Town and County.
- Assisted in preparation of documents needed for Resolution of Necessity including litigation guarantees and updated title reports.
- Made multiple contact attempts, drafted impasse letter, and attended strategy session meetings related to Iverson acquisition.

The budget increase requested in this item will cover costs to date and provide a budget of approximately \$10,000 to handle services that may be needed to prepare a revised offer and/or condemnation documents for Iverson.

Services needed for the State Park Land Conversion process are not included in this item.

**Phase III: Bid and Construction Support**

Before the end of 2011, the project will be entering into Phase III, bidding and construction support. A summary is provided below of the anticipated tasks that Dokken Engineering would need to provide during bidding, awarding, and construction of the various bid packages. At the request of the County, Yates Road Bidding and Construction Support have not been included in this amendment. It is anticipated that work will be covered under a separate and direct contract between Dokken Engineering and the County.

**Contract Task**

**Additional Budget**

**Task 5.0.1 Construction Management RFP:**

Task Total:

The Town has requested assistance in preparation of the RFP for Construction Management for the Yucca Loma Bridge and Yucca Loma Road construction contracts. This item assumes the Town will provide, separate from Dokken Engineering, professional construction management services. Those services would include arrangement for a Resident Engineer for each construction contract, a structure representative for the bridge project, adequate inspection staff and various material testing, and compliance certifications.

\$31,300

Dokken Engineering's tasks associated with this item are as follows:

- Assist the Town in preparing an RFP for the Yucca Loma Bridge Construction Management contract.
- Assist the Town in preparing an RFP for the Yucca Loma Road Construction Management contract.
- Assist the Town with interviews and selection for each Construction Management contract.
- Assist Town in preparing contract scope of work and finalizing agreement.



Task 5.1.01 Bidding and Construction Support:

Task Total:

For the finalized PS&E bid packages for the Yucca Loma Bridge (including the restoration area) and for Yucca Loma Road, the following bid and construction support services will be provided:

\$278,500

- Assist Town in preparing and advertizing Notice to Bidders
- Answer bidder's questions, issue, through Town, any necessary addendums
- Attend and facilitate the Pre-Bid Meetings with potential bidders. Provide bid process oversight at the Bid Opening.
- Assist Town in reviewing bids and awarding contract
- Provide construction support as requested for the duration of the contract. This effort includes site visits, responding to Request for Information, reviewing shop drawings as requested by the RE, coordination with on-site biologist, and reviewing change orders that affect the design.
- Attend bi-weekly construction meetings as needed for the duration of each contract.

The level of effort estimated is based on the size and planned number of working days for each contract.

Task 5.1.02 Preconstruction Biology Surveys and Training:

Task Total:

Prior to construction of both the Yucca Loma Bridge (including the restoration area) and Yucca Loma Road, the following biological related services will be provided:

\$18,700

- Conduct preconstruction survey for burrowing owl, desert tortoise, southwestern willow flycatcher, and other nesting birds as required by the California Department of Fish and Game. Summarize results of the surveys in a report and provide to the appropriate agencies.
- Facilitate a worker awareness training to the contractor and staff, educating them on species and sensitive natural resources present on the project site prior to commencement of work as required by the various project permits.

Task 5.1.03 Stake ESA:

Task Total:

It is anticipated that various Environmentally Sensitive Areas will need to be staked as part of independent PS&E packages, including, but not limited to wetlands, culturally sensitive areas, and any vegetation/habitat that is to be protected during construction. Staking will likely occur mostly within the river channel and within the restoration area boundary. Given the magnitude of this item, it will be incorporated into the construction contracts. Oversight will be provided under tasks 5.1.02 and 5.1.04.

\$0

Task 5.1.04 Biological Construction Monitor:

Task Total:

For Yucca Loma Bridge (including the restoration area) and Yucca Loma Road the following biological monitoring services will be provided:

\$99,400

- Provide a biologist to monitor all work performed within the nesting season as needed. Reporting of such monitoring will be provided to the various permitting agencies.
- The biologist will notify the Town's Resident Engineer of any biological resources found that would affect contractor operations and advise of necessary buffer zones.





**Summary**

A detailed estimated cost breakdown of all services associated with this amendment is provided in Attachment A: Amendment 6 – Soundwalls, Yates Road, and Right of Way Support Task and Cost Proposal Summary. These services would be provided on a time and material, not to exceed, basis in accordance with the current Agreement.

The current and proposed contract amounts are summarized as follows:

<b>Original Contract Amount</b>	<b>\$2,850,982</b>
Amendment 1: Green Tree Extension ED	\$283,000
Amendment 2: Supplemental Traffic Analysis	\$19,700
Amendment 3, Part I: Apple Valley Road to Park Road (Two Bid Packages; added Right-of-Way Services)	\$336,900
Amendment 4: Clearing and Tree Removal PS&E and Construction Support	\$97,815
Amendment 5: Additional Scope and Extended Services – Yucca Loma Bridge	\$256,078
TIGER II Grant Application Assistance	<u>\$6,475</u>
<b>Total Current Contract with Amendments 1, 2, 3-P1, 4, 5 and TIGER II Grant Application Assistance</b>	<b>\$3,850,950</b>
<u>Amendment 6 Request:</u> Additional Design & R/W Services; Construction Support for Town packages (without Option Task).	\$847,400
<b>Total Proposed Contract Amount</b>	<b><u>\$4,698,350</u></b>

Dokken Engineering’s proposed contract amount for all design and right of way services associated with work through and including Amendment 6 represents a consultant fee of less than 4.5% of construction costs, which are estimated at \$46.7 million for improvements from Apple Valley Road to Park Road.

We continue to appreciate the opportunity to provide continued services for this major transportation project and look forward to hearing from you regarding this work. If you have any questions or need additional information, please contact me at (916) 858-0642.

Sincerely,

DOKKEN ENGINEERING

Elizabeth B. Diamond, PE  
Director of Engineering/Project Manager

- Attachments:
- Attachment A: Task and Cost Proposal Summary
  - Attachment B: Contract Cost Summary
  - Attachment C: Agency Contract Cost Summary

cc: Carrie Schindler, Transportation Planning Chief, San Bernardino County  
Richard Pedersen, Deputy Town Engineer  
Paula Pereira, Engineering Associate, Town of Apple Valley

1688-052/EBD