



# TOWN OF APPLE VALLEY

## TOWN COUNCIL STAFF REPORT

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**To:** Honorable Mayor and Town Council                      **Date:** June 14, 2016

**From:** Brad Miller, Town Engineer                              **Item No:** 9  
Engineering Department

**Subject:** YUCCA LOMA BRIDGE CONTRACT AMENDMENT #11 OF THE  
YUCCA LOMA BRIDGE/YATES ROAD/GREEN TREE BOULEVARD  
PROJECT CONTRACT AGREEMENT, IN THE AMOUNT OF  
\$470,532.00, FOR RESTORATION AREA PERMIT SUPPORT; GRANT  
SUPPORT; AND INTERAGENCY CLOSEOUT SERVICES

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

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### RECOMMENDED ACTION:

Approve the Yucca Loma Bridge Project Contract Amendment #11 with Dokken Engineering, the project's design contractor, in the Not-to-Exceed amount of \$470,532.00, subject to "Approval as to Form" by the Town Attorney and "Approval as to Content" by the Town Manager.

### SUMMARY:

The purpose of Contract Amendment #11 (Project) is to provide the resources necessary to assist the Town in complying with regulatory permits for the 17-acre mitigation restoration site during the required five (5) year monitoring and reporting period. The Amendment further provides grant application support, project cost allocation work needed to invoice partner agencies and balances completed tasks.

Dokken Engineering proposes to provide the additional services as outlined in the attached Proposal for a Not-to-Exceed amount of \$470,532.00. The total contract provided all planning, environmental, design, right-of-way and construction support services for the \$50 million improvements that are under construction between Apple Valley Road and Park Road, as well as all environmental documentation and permit services for the entire \$80 million Yucca Loma Corridor Project that spans from Apple Valley Road in Apple Valley to Hesperia Road in Victorville.

A summary of the estimated effort for each task and phase of work is included in the Contract Amendment Request Letter from Dokken Engineering, dated May 17, 2016.

This letter also identifies which agency, the Town, the County or the City of Victorville is responsible and/or benefiting from each task and their anticipated cost share and to what degree.

## **BACKGROUND:**

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 had set aside and budgeted \$500,000.00, creating a Project Fund Balance of \$3,300,000.00.

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 Contract 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 Contract Amendment #2 provided for Supplemental Traffic Analysis relating to the above described expansion of the Project, bringing the total contract to \$3,153,682.00. 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 Contract Amendment Request #3, Part One and Part Two, that included 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 covered the additional \$128,300.00 indicated in the proposal to appropriately amend the Apple Valley component of the contract, the San Bernardino County component required an additional commitment of \$208,600.00 by the County. The County indicated its acceptance of the Dokken Engineering proposal and, on January 12, 2010, the Apple Valley Town Council approved Contract Amendment #3 (Part One), excluding Part Two.

The Contract Amendment #3, added \$336,900.00 to the contract, plus approved a change order for the TIGER II Grant Application-Enhancement Support Services, in the amount of \$6,475,000.00 which brought the Dokken Engineering contract total to \$3,497,057. The Dokken Engineering Contract Amendment #4, in the amount of \$97,815.00, covered construction related work pertaining to the clearing and tree

removal activities within the future bridge alignment, and brought the Dokken Engineering contract to a total amount of \$3,594,872.00.

Dokken Engineering Contract Amendment #5, in the amount of \$256,078.00, further modified the scope of work due to project delivery requirement changes including the need for construction documents for the 17-acre restoration area, expanded value analysis services, additional hydraulic analysis and design related to the regional storm drain facility to be installed in Yucca Loma Road and delivering the Apple Valley Road to Park Road segment of the Project in four (4) separate bid packages instead of two (2). Contract Amendment #5 was approved on May 24, 2011 and brought the total contract amount to \$3,850,950.00.

Dokken Engineering Contract Amendment #6 reinstated those tasks previously deferred in Contract Amendment #5 and provided for additional services related to the acquisition of the State owned parcels. It also included construction support services for the Yucca Loma Bridge and Yucca Loma Road construction contract packages. Contract Amendment #6, in the amount of \$847,400.00, approved on September 27, 2011, brought the Dokken Engineering contract to a total amount of \$4,698,350.00.

Contract Amendment #7 included tasks in association with obtaining approval of a Conversion Proposal for State Parklands affected by the proposed Yucca Loma Bridge/Yates Road/Green Tree Boulevard Corridor Project and to revalidate the previous CEQA and NEPA determinations made in the Mitigated Negative Declaration and Finding of No Significant Impact. Contract Amendment #7, in the amount of \$149,650.00 approved October 11, 2011, brought the current Dokken Engineering contract to \$4,848,000.00.

Contract Amendment #8, approved on August 14, 2012, included tasks relating to additional design effort, right-of-way services, and construction support, and brought the total Dokken Engineering contract to \$5,270,400.00.

Contract Amendment #9, approved on February 26, 2013, included expanded tasks relating to design effort, primarily in the area of Yates Road, and ongoing and expanded efforts relating to right of way acquisition. The parkland conversion process has continued to expand with additional tasks and requests from state and federal offices, and brought the total Dokken Engineering contract to \$5,500,000.00.

Contract Amendment #10 includes tasks in association with additional design and right-of-way services for Yucca Loma Road and additional coordination efforts related to the State Parkland Conversion 6(f) process, past and present services provided as part of the Yucca Loma Bridge and Yates Road construction support and continued general project oversight and management. Contract Amendment #10 brings the total Dokken Engineering contract to \$5,904,000.00.

Contract Amendment #11 includes tasks in association with restoration area permit support for the five (5) year duration of the mitigation monitoring period, grant

application support for the recent TIGER and FASTLANE grant funding applications, and interagency closeout services that include all final billing, accounting, permits, reports and as-built services as the Yucca Loma Bridge, Yates Road and Yucca Loma Road improvements are nearing completion.

Contract Amendment #11 brings the total Dokken Engineering contract to \$6,374,532.00.

Based upon the foregoing, staff recommends adoption of the form motion.

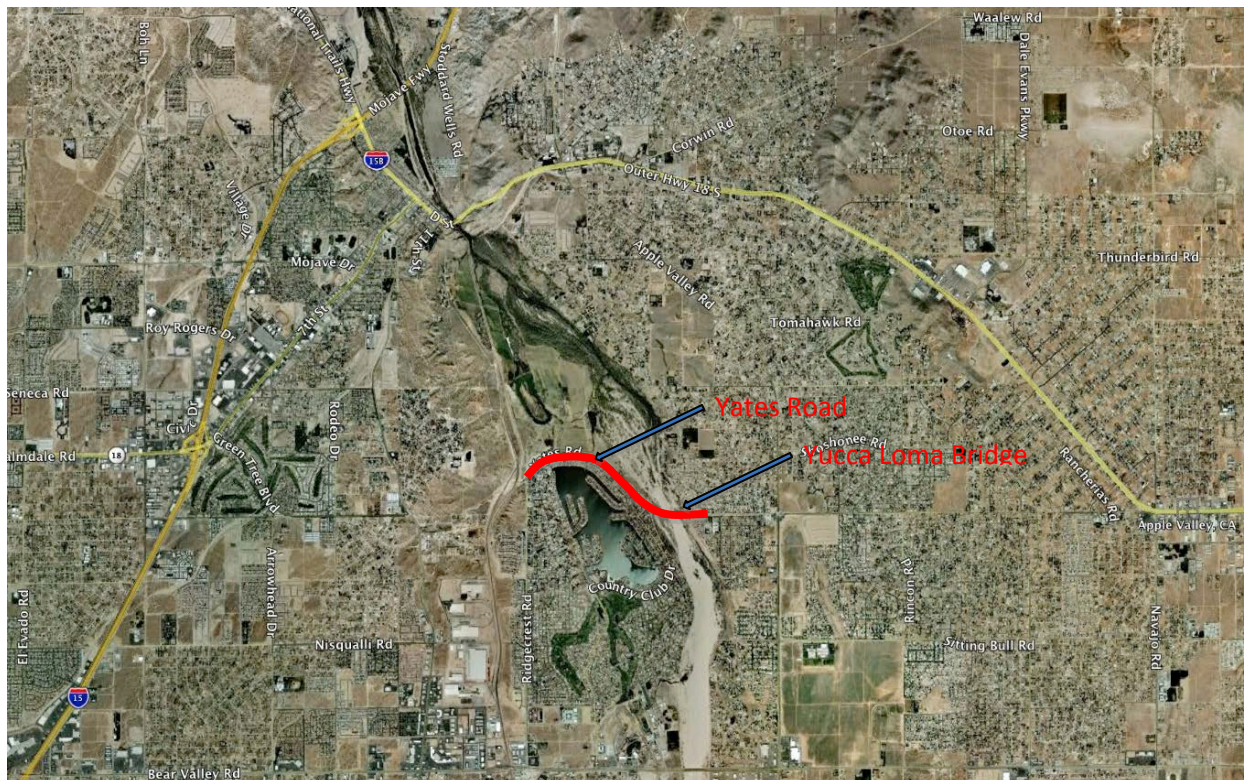
**FISCAL IMPACT:**

There are sufficient funds approved for this Amendment in the current Project budget.

**ATTACHMENTS:**

1. Vicinity Map
2. Dokken Engineering Contract Amendment #11

VICINITY MAP:





## DOKKEN ENGINEERING

*Transportation Solutions from Concept to Construction*

May 17, 2016

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

**RE: Amendment Request #11 to the Yucca Loma Road/Yates Road/Green Tree Boulevard  
Transportation Improvement Project Contract Agreement – Restoration Area Permit Support;  
Grant Support; and Interagency Closeout Services**

Dear Mr. Miller:

The purpose of this letter is to request Contract Amendment #11 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 #11 provides the resources necessary to assist the Town in complying with regulatory permits for the 17 acre mitigation restoration site during the required five year monitoring and reporting period. The amendment further provides grant application support, project cost allocation work needed to invoice partner agencies and balances completed tasks.

Dokken Engineering proposes to provide the additional services as outlined below for a not-to-exceed amount of \$470,532. This will bring Dokken Engineering's total contract to \$6,374,532. The total contract provided all planning, environmental, design, right-of-way and construction support services for the \$50,000,000 in improvements between Apple Valley Rd and Park Rd, and environmental documentation and permit services for the entire \$80,000,000 project that spans from Apple Valley Road in Apple Valley to Hesperia Road in Victorville. For this wide range of services, we believe Dokken Engineering remains a good value for this large, complex, multiagency project.

A summary showing the estimated effort for each task in this amendment is included as Attachment A: *Amendment #11 - Task and Cost Proposal Summary*. An overall summary has also been included as *Attachment B – Amendment 11 Contract Cost Summary*. Attachment B also identifies which agency, the Town, the County, or the City of Victorville is responsible/benefiting from each task and their anticipated cost share.

**Description of Amendment 11 Scope of Services:**

Following are descriptions of requested amendments or closeout of various task affected by this amendment. The order listed below is consistent with the attached cost proposal and contract summaries.

**Contract Task**

**Additional Budget**

**PHASE 0: PROJECT MANAGEMENT**

**Task 0.1, 0.2, and 0.3 – PA&ED, General Multi-Agency, Public Outreach:**

**Task Total**

These three sub-task have been completed and are to be closed out. The net balance exceeds the current contract budget for these subtasks by \$15,975. The subtask 0.2.04 Funding Assistance-Yucca Loma Road is the sub task which caused the need for

\$15,975



the requested additional budget. The extra efforts performed were related to the grant paperwork for allocation of the \$1.095 million in Active Transportation Grant funds the Town secured, and the obligation of the \$750,000 in federal surface transportation funds.

Task Total

Task 0.4 – Project Management, Funding Assistance and Interagency Closeout:

\$49,300

This is a new task to assist the Town with interagency efforts related to the overall project. For example, recently completed tasks include providing information for the FASTTRACK grant application prepared for the Green Tree Extension and providing exhibits for advocacy efforts. An upcoming task includes developing information for the next TIGER Grant application cycle. Note that in the attached summaries, different subtasks have been included to allow charges to track with the benefiting agencies. Cost can then be isolated for interagency billing. The level of effort requested is estimated based on past experience with the project and anticipated need over the next 24 months. The restoration area task will extend at least five years. Additional budget for oversight of that effort is included below in new Task 7.

**PHASE I: PROJECT APPROVAL AND ENVIRONMENTAL DOCUMENTS**

Task 1.0 - Preliminary Engineering & Environmental Compliance:

(\$1,838)

This task has been completed and has a balance of \$1,838 which can be eliminated from the contract total.

**PHASE II: FINAL DESIGN, ENGINEERING, AND PERMITTING**

Task 2.0 – Final Design, Engineering and Permitting:

\$60,248

Yucca Loma Road is now under construction, all final design tasks for the bridge, Yates Road and Yucca Loma Rd can be closed out. Some tasks were completed under budget, and others over the estimated cost. The net difference for the 24 subtasks in this task is \$60,248. The services were provided over the last five years for improvements valued at approximately \$50,000,000 in construction work. The variation to estimated cost amounts to approximately 0.1%.

Task 3.6 – Right of Way Acquisition Services – Yucca Loma Road:

\$32,400

Budget is requested to balance this task for services provided to acquire Permits to Enter for the sound walls and grading along Yucca Loma Road. It also provides a small ongoing budget (approximately \$5,000) to support the Town in monitoring the Maida acquisition and determining what steps, if any, are needed to resolve the inability of the multiple owners to close escrow and perfect the easements.

**PHASE III: BIDDING AND CONSTRUCTION SUPPORT**

Task 5.1 – Construction Management Scoping/RFP:

(\$400)

This task was completed and can be closed out with the remaining budget deleted.

Task 5.2 – Bidding and Construction Support:

\$36,265

This Task provided/provides construction support for the Clearing and Tree Removal, Yucca Loma Bridge/Yates Road Widening, and Yucca Loma Road Widening



construction packages. Adjustment is proposed to balance the various tasks that are completed and allow for the completion of as-built plans not previously included in the Scope. Details for the various subtasks is provided below and shown in the attachments.

Task Total

Subtask A- Clearing and Tree Removal required more support than budgeted so the requested amount (\$10,965) will balance this task completed in 2011.

Subtask B – This Yucca Loma Bridge task has a balance of approximately \$14,000. With construction nearing an end, this balance will be applied to completing the as-builts for the Yucca Loma Bridge and approach roadway work which includes 154 plan sheets. No amendment is needed in this subtask.

Subtask C – Yucca Loma Road already had a budget to provide construction support for this segment which is just getting under construction. \$7,200 is requested to allow the completion of as-builts for this 98 sheet plan set.

Subtask D- Yates Rd – Construction Support for this segment of the project exceeded the estimated cost by approximately \$7,100. In addition, funds have not been identified for the preparation of as-builts. A budget augmentation of \$12,400 is requested to cover costs to date and provide approximately \$5,300 for the completion of as-builts. The County portion of the plan set is 70 sheets.

Subtask E – Restoration Area - \$5,700 is requested to balance cost to date (\$960) and provide for as-built preparation of the irrigation system and specimen trees in the 17 acres site. Twenty-two plan sheets are involved.

Task 5.3 & 5.4 – Preconstruction Bio Surveys and Stake ESA: \$1,159

These two tasks are completed and can be closed out. The amount requested will balance the tasks.

Task 5.5 – Biological Construction Monitor/ECR Compliance/SWPPP: \$0

This Task is complete for all construction packages except Yucca Loma Road. Budget shifts between subtasks are proposed in Attachment A that will close the completed tasks and leave sufficient funds in the Yucca Loma Road subtask to carry out the work previously scoped.

Task 6.0 – State Land Conversion and Revalidation of the Environmental Document: \$1,323

Subtasks in this task are complete except the State land has not been transferred to the County and Town. The County is lead in that activity. As shown in Attachment A, some sub tasks were completed under the estimated budget, others in excess. Adjustments to subtask are requested to balance completed tasks, and leave a small working balance (\$5,000) in Task 6.1 – State Parcel Acquisition Coordination, to allow Dokken to assist the Town in final close out activities with the County and State.

**PHASE IV: RESTORATION AREA PERMIT SUPPORT**

The project impacted/will impact sensitive biological resources including waters of the U.S. and State and potential habitat for the Federal endangered southwestern willow flycatcher. Permits to mitigate for these impacts were required from the Army Corp or Engineers (404 Permit), the State Department of Fish and Wildlife (1602 Streambed





Alteration Agreement) and the Lahontan Regional Water Quality Control Board (401 Water Quality Certification). To mitigate for these impacts for the entire project from Apple Valley Road to Hesperia Road (with the exclusion of mitigation for impacts to Mojave ground squirrel habitat) an approximate 17 acre mitigation site has been developed. The mitigation is detailed in the Habitat Reestablishment and Monitoring Plan approved by the regulatory agencies. This plan defined the grading and planting to be done on the site which was recently completed as part of the Yucca Loma Bridge/Yates Rd widening project. The plan also required a minimum of five years of monitoring, maintenance and reporting. The Town has recently contracted with a landscape maintenance company to provide the maintenance, but needs assistance to complete the quarterly and annual reporting to the regulatory agencies and to handle technical biological issues that arise during the maintenance period. This task is added to the scope of work to provide that assistance as described below.

Task Total

Task 7.1 – Coordination with Town/Contractor

\$30,300

This task provides the resources necessary to coordinate with both the Town and their contractor as it relates to site conditions and permit compliance over a five year period. Monthly progress reports will be provided. Level of effort is estimated at an average of 3 hours a month.

Task 7.1 – Site Inspections and Documentation

\$194,200

This Task provides for approximate monthly site inspections to monitor and photograph plant health and invasive weeds. Dokken will help identify issues and provide corrective guidance related to allowable thresholds in the permits. Photographs, meeting and/or guidance notes will be prepared and cataloged for immediate interaction with the Town and contractor, and later reporting to the regulatory agencies. Permit required access restrictions and signage will also be documented. Detailed monitoring forms will be prepared four times a year by Dokken biologists and these will be included in the annual agency reports. The monitoring forms will be submitted to the Town and contractor. Dokken biologists will select quadrants for the contractor to monitor each month and will review the contractor's monthly monitoring forms. Dokken biologists/planners will meet with the contractor periodically (at a minimum every 3 months) to make sure the mitigation site is on track for success and agency approval. The anticipated level of effort will be more in the first year and less in the later years, and averages about 30 hours per month over the five year period.

Task 7.3 – Permit Agency Coordination and Reporting.

\$51,600

This task provides for preparation of the annual report to the permit agencies as required by the permits. The task also includes obtaining an aerial image of the site each year for inclusion in the annual report. This aerial will be used to show the coverage of native and non-native plants within the mitigation site. Dokken will host agency tours of the mitigation site when they are requested and will assist with addressing agency recommendations and/or concerns.

Schedule of Performance

In accordance with Section 3.2 of our contract, we also request, as part of approval of this amendment, that the Town acknowledge that the term of the agreement will extend through the anticipated end of services. Given the minimum five year permit reporting requirements, it is anticipated services will extend until 2021.



**Summary**

A detailed estimated cost breakdown of all services associated with this amendment is provided in Attachment A: Amendment #11 –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
Amendment 6: Additional Right of Way Services and Construction Support for Town Facilities.....	\$847,400
Amendment 7: State Land Conversion and Revalidation of the ED.....	\$149,650
Amendment 8: Additional Design, Right of Way Services, and Construction Support .....	\$422,400
Amendment 9: Additional Design, Right of Way Services, and Construction Support .....	\$229,600
Amendment 10: Additional Design, Right of Way Services, and Construction Support – Yucca Loma Road .....	\$404,000
TIGER II Grant Application Assistance.....	\$6,475
<b>Total Original Contract with Amendments and TIGER II Grant Application Assistance .....</b>	<b>\$5,904,000</b>
<b>Amendment 11 Request: Restoration Area Permit Support; Grant Support; and Interagency Closeout Services.....</b>	<b>\$470,532</b>
<b>Total Proposed Contract Amount .....</b>	<b>\$6,374,532</b>

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  
Project Manager

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

**Town of Apple Valley -Yucca Loma Bridge Contract Services Agreement  
ATTACHMENT A: AMENDMENT 11 - TASK AND COST PROPOSAL SUMMARY  
Restoration Area Permit Support, Grant Support and Interagency Closeout**

May 17, 2016

TASK	PERSONNEL														TOTAL HOURS	OTHER DIRECT COSTS	CORE TO BALANCE AS OF 3/31/16	NOT TO EXCEED TOTAL COST	
	AJ Diamond Project Manager	Jim Ware Senior Project Engineer	Julius Goodstein Environmental Manager	Rochester Associate Engineer	Robbey Associate Engineer	Robbey Traffic Engineer	Lenny Leichter Project Land Receiver	James Ferriss Project Right of Way Project	Harsh-Holm Senior Environmental Planner	Associate Environmental Planner/Biologist	Associate Environmental Planner/Biologist	Structural Senior Engineer	Structural Associate Engineer	Structural Assistant Engineer					
<b>Task 0.0 - PROJECT MANAGEMENT</b>	100	72		48	88											308		\$ 15,975	\$ 65,275
0.1 Project Management - Phase 1: P&BE	Zero-out Project Management of Phase 1: P&BE																\$ (5,453)	\$ (5,453)	
0.2 Project Management - Phase 2: PS&E	Zero-out Project Management - General Mgmt Agency																\$ 27,092	\$ 27,092	
0.3 Public Outreach/Coordination - Soundwalls	Zero-out Task 0.3 Public Outreach/Coordination - Soundwalls																\$ (5,654)	\$ (5,654)	
0.4 Project Management - Phase 2 & 4, Grant Support, Closeout	100	72		48	88											308		\$ 49,300	
0.4.01 Town	48	32			24													\$ 18,700	
0.4.02 Town/Courts	16	16			24													\$ 8,500	
0.4.03 Town/City	36	24		48	40											148		\$ 22,000	
<b>Task 1.0 PE &amp; Env. Compliance</b>	PHASE 1 - PA & ED																\$ (1,838)	\$ (1,838)	
1.0 PE & Env. Compliance	Zero-out Task 1.0 PE & Env. Compliance (PA & ED)																\$ (1,838)	\$ (1,838)	
<b>Task 2.0 Final Design, Engineering &amp; Permitting</b>	PHASE 2 - PS&E / FINAL DESIGN, ENGINEERING, & PERMITTING TASKS																\$ 60,248	\$ 60,248	
2.0 Final Design, Engineering & Permitting	Zero-out Task 2.0: Final Design, Engineering, & Permitting Tasks																\$ 60,248	\$ 60,248	
<b>Task 3.0 Right of Way Acquisition Services</b>	PHASE 3 - EID AND CONSTRUCTION SUPPORT																\$ 27,049	\$ 32,400	
3.0 Right of Way Acquisition Services	Zero-out Tiger 21 Grant Assistance																\$ 27,049	\$ 32,400	
<b>Task 4.0 Tiger 21 Grant</b>	PHASE 3 - EID AND CONSTRUCTION SUPPORT																\$ -	\$ -	
4.0 Tiger 21 Grant	Zero-out Tiger 21 Grant Assistance																\$ -	\$ -	
<b>Task 5.0 Bidding and Construction Support</b>	16		8	152												176	\$ -	\$ 12,438	\$ 37,024
5.1 Construction Management Scoping	Zero-out Construction Management Scoping																\$ (400)	\$ (400)	
5.2 Bidding and Construction Support	8		8	152														\$19,062	\$56,261
5.2a Clearing and Tree Removal	Zero-out Clearing & Tree Removal																\$10,963	\$10,963	
5.2b Yucca Loma Bridge				80												80		\$ 7,200	
5.2c Yucca Loma Road				90												90		\$7,137	\$ 12,405
5.2d Yucca Road	4		8	90														\$860	\$ 5,700
5.2e Restoration Area	4		8	12														\$1,334	\$ 1,334
5.3 Preconstruction Biology Surveys, Agency Coordination & Training	Zero-out and close 5.3 Preconstruction Biology Surveys, Agency Coordination & Training																\$1,334	\$ 1,334	
5.4 State ESA	Zero-out and close 5.4 State ESA																\$ (175)	\$ (175)	
5.5 Biological Construction Monitor/BCR Compliance	8																\$ -	\$ (7,366)	\$ 8
5.5a Clearing and Tree Removal	Zero-out Clearing & Tree Removal																\$ (8,400)	\$ (8,400)	
5.5b Yucca Loma Bridge																		\$ (8,400)	\$ (8,400)
5.5c Yucca Loma Road																		\$ (2,954)	\$ (2,954)
5.5d Yucca Road	8																	\$10,446	\$10,446
5.5e Restoration Area	8																	\$29,311	\$29,311
<b>Task 6.0 State Land Conversion &amp; Environmental Document Revalidation</b>	8	10		12													30	\$ (4,726)	\$ 1,323
6.1 State Parcel Acquisition Coordination	8	10		12														\$ 21,961	\$ 27,000
6.2 Conversion Mapping & Preliminary Engineering	Zero-out Conversion Mapping & Preliminary Engineering																\$ (6,835)	\$ (6,835)	
6.3 Section 4(f) Compliance	Zero-out Section 4(f) Compliance																\$ (2,866)	\$ (2,866)	
6.4 NEPA/CEQA Revalidation	Zero-out NEPA/CEQA Revalidation																\$ 1,947	\$ 1,947	
6.5 Technical Studies	Zero-out Technical Studies																\$ (8,721)	\$ (8,721)	
6.6 NEPA/CEQA Revalidation - Victorville	Zero-out NEPA/CEQA Revalidation-Victorville																\$ (4,478)	\$ (4,478)	
6.7 TSA for New State Land	Zero-out TSA for New State Land																\$ 578	\$ 578	
<b>Task 7.0 RESTORATION AREA PERMIT SUPPORT</b>	60	60	120						440	740	940					2,360	\$5,000	\$ 276,100	
7.1 Coordination with Town/Contractor	60								120									\$ 30,300	\$ 30,300
7.2 Site Inspections and Documentation		60	60						240	620	820							\$ 194,200	\$ 194,200
7.3 Permit Agency Coordination and Reporting			60						80	120	120							\$ 51,600	\$ 51,600
<b>TOTAL HOURS</b>	168	158	120	48	240				36	456	776	940				2,910	\$5,000	\$ 118,144	\$ 479,532
<b>TOTAL NOT TO EXCEED COST</b>	\$27,867	\$28,229	\$24,291	\$8,527	\$21,026				\$5,281	\$46,563	\$80,029	\$84,309					\$5,000	\$ 118,144	\$ 479,532

Prepared By: Colman Engineering  
Date: 5/18/2016  
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**TOWN OF APPLE VALLEY**  
**Yucca Loma Road/Yates Road/Green Tree Boulevard Transportation Improvement Project**  
**ATTACHMENT B: AMENDMENT 11 - CONTRACT COST SUMMARY**  
**May 17, 2016**

TASK #	TASK	PROJECT #	Current Total Contract Amount thru Amendment 10			Amendment 11		Proposed Total Contract Amount			County Cost Share of Amendment 11*	Town Cost Share of Amendment 11*	City Cost Share of Amendment 11**	% Value of Contract (Based on Total Contract Amount)	Construction Value of Work																																						
			Contract Amount thru Amendment 10	Expended Through March 31, 2016	Remaining Balance as of March 31, 2016	Amendment 11	Remaining Balance after Adjustments	With Amendment 11	County Cost Share of Amendment 11*	Town Cost Share of Amendment 11*						City Cost Share of Amendment 11**																																					
0.1	PROJECT MANAGEMENT	006.009	596,069	582,834	(13,235)	49,232	49,230	621,841	1,313	90,830	8,412	0.39%	\$	80,000,000																																							
0.11	Project Management - Phase 1: P&ID		211,801	200,418	(11,383)	6,403	6,403	208,418	6,923	11,078	(1,761)																																										
0.2	Project Management - Phase 2: P&AE		211,801	208,883	(27,918)	27,982	-	238,883	(645)	28,864	(827)																																										
0.2.01	Project Management - General M&E Agency		189,801	197,241	(7,440)	2,500	-	197,241	(945)	(789)	(827)																																										
0.2.02	Project Management - Funding Assistance - Yucca Loma Road		12,000	11,642	(358)	2,582	-	11,642	-	23,642	-																																										
0.3	Public Outreach/Coordination - Soundbites and Final Design		42,000	37,348	(4,652)	6,054	-	37,348	-	(6,864)	-																																										
0.4	PM Construction Phase, Grants & Closeout		-	-	-	49,200	-	49,200	4,300	24,000	81,000																																										
0.4.01	City		-	-	-	18,700	-	18,700	-	18,700	-																																										
0.4.02	Town/County		-	-	-	6,800	-	6,800	4,300	4,300	-																																										
0.4.03	County		-	-	-	23,700	-	23,700	-	11,000	81,000																																										
<b>PHASE I - P&amp;ID</b>																																																					
1.0	PHASE I - PE & ENV COMPLIANCE		1,554,117	1,540,230	(13,887)	1,838	-	1,542,068	473	656	(394)	1.50%	\$	60,000,000																																							
1.1	Preliminary Engineering Tasks		627,742	607,413	(20,329)	28,671	-	603,413	8,472	7,967	8,292																																										
1.2	Env Documentation & Compliance		926,375	932,817	6,442	27,867	-	939,287	(12,181)	(8,473)	(8,885)																																										
<b>PHASE II - P&amp;ID Final Design, Engineering, &amp; Permitting Tasks</b>																																																					
2.0	FINAL DESIGN & ROW ENDR TASKS		2,248,296	2,243,654	(4,642)	60,248	-	2,243,654	(8,820)	64,488	(214)	0.60%	\$	80,000,000																																							
2.1	Final Geotechnical and Hydrology Reports		238,036	212,854	(25,182)	14,488	-	212,854	-	16,488	-																																										
2.2	Environmental Permitting		78,131	74,437	(3,694)	1,694	-	74,437	(487)	(1,236)	-																																										
2.3	60% Plans and Estimate		942,626	922,808	(19,818)	14,891	-	922,808	(8,622)	192,119	-																																										
2.4	80% Plans, Specs and Estimate		156,607	156,607	(0)	63,141	-	156,607	(3,777)	54,387	(9)																																										
A	Clearing and Tree Removal		38,983	41,428	(2,445)	2,205	-	41,428	-	2,205	-																																										
B	Yucca Loma Bridge		112,993	112,993	(0)	52,076	-	112,993	-	52,076	-																																										
C	Yucca Loma Road		141,581	132,225	(9,356)	11,248	-	132,225	-	118,048	-																																										
D	Yates Road		133,232	133,427	195	1,782	-	133,427	(1,703)	133,427	-																																										
E	Redmond Area		49,000	3,700	(45,300)	300	-	3,700	(70)	(313)	(5)																																										
F	CONVERSION, STATE, UTAH		126,800	104,267	(22,533)	27	-	104,267	-	3	-																																										
2.5	100% Plans, Specs and Estimate		227,474	223,702	(3,772)	36,228	-	223,702	(60)	36,790	46																																										
A	Clearing and Tree Removal		10,373	11,822	1,449	(2,691)	-	11,822	-	(2,691)	-																																										
B	Yucca Loma Bridge		87,806	79,262	(8,544)	9,926	-	79,262	-	9,926	-																																										
C	Yucca Loma Road		125,027	153,711	28,684	29,674	-	153,711	-	29,674	-																																										
D	Yates Road		25,200	4	(24,196)	4	-	4	-	25,196	-																																										
E	Redmond Area		6,000	1,581	(4,419)	1,523	-	1,581	386	1,882	45																																										
2.6	ROW ENDR, PERMITS, AND LEGALS		180,296	180,296	(0)	180	-	180,296	-	180	-																																										
2.7	City Agency Approvals		67,494	63,278	(4,216)	6,216	-	63,278	-	(6,216)	-																																										
2.8	Final Design Approval		37,607	11,104	(26,503)	(8,260)	-	11,104	-	(8,260)	-																																										
2.9	Value Analysis		70,986	69,861	(1,125)	1,688	-	69,861	(609)	(294)	(99)																																										
2.0	RIGHT OF WAY ACQUISITION SERVICES		291,800	283,889	(7,911)	32,400	8,281	234,000	-	22,400	-	0.47%	\$	80,000,000																																							
2.0	TIDER II GRANT		6,470	6,470	(0)	0	0	6,470	-	0	-																																										
<b>PHASE III - BID AND CONSTRUCTION SUPPORT</b>																																																					
3.0	BIDDING AND CONSTRUCTION SUPPORT		1,483,693	1,424,408	(59,285)	310,209	160,209	822,713	33,798	1,272	1,771	1.77%	\$	80,000,000																																							
3.1	Construction Management Support		30,000	32,000	2,000	(400)	-	32,000	-	32,000	-																																										
3.2	Bidding and Construction Support		821,478	860,200	38,722	38,265	107,044	697,744	13,882	22,212	171																																										
A	Clearing and Tree Removal		17,278	23,244	5,966	13,965	-	23,244	-	13,965	-																																										
B	Yucca Loma Bridge		311,000	297,424	(13,576)	14,234	-	297,424	-	211,000	-																																										
C	Yucca Loma Road		129,200	43,603	(85,597)	2,200	80,717	130,800	-	7,200	-																																										
D	Yates Road		112,900	121,807	8,907	12,480	5,219	126,300	12,480	-	-																																										
E	Redmond Area		26,300	57,200	(30,900)	3,700	4,280	62,200	1,482	4,947	171																																										
3.3	Preconstruction Biology Survey, Agency Coord., & Training		36,421	27,208	(9,213)	1,204	-	27,208	-	1,204	-																																										
3.4	State USA		1,999	854	(1,145)	179	-	854	-	(179)	-																																										
3.5	Biological Construction Monitor/ECR Compliance/SWPPP		163,694	135,429	(28,265)	0	23,286	163,694	19,891	(11,982)	1,101																																										
A	Clearing and Tree Removal		14,294	1,899	(12,395)	(6,695)	-	1,899	-	(6,695)	-																																										
B	Yucca Loma Bridge		81,702	43,466	(38,236)	2,254	2,254	46,200	-	(2,254)	-																																										
C	Yucca Loma Road		36,000	-	(36,000)	(2,540)	23,540	23,540	-	(2,540)	-																																										
D	Yates Road		52,000	24,669	(27,331)	13,649	-	24,669	-	13,649	-																																										
E	Redmond Area		36,900	61,216	(24,316)	36,700	7,386	63,000	9,647	26,867	1,101																																										
3.6	STATE LAND CONVERSION AND ROW REVALUATION*		220,800	220,124	(676)	3,728	6,049	226,173	2,843	2,989	(4,473)																																										
3.6.1	State Parcel Acquisition Coordination		91,200	112,181	(21,981)	27,600	6,049	118,200	13,206	13,770	-																																										
3.6.2	Conversion Mapping & Preliminary Engineering		35,850	28,713	(7,137)	(8,877)	-	28,713	(5,206)	(5,487)	-																																										
3.6.3	Section 8(f) Compliance		32,100	24,204	(7,896)	7,896	-	24,204	(6,964)	(4,913)	-																																										
3.6.4	MEPA/CEQA Reevaluation		22,700	24,287	1,587	1,587	-	24,287	708	708	-																																										
3.6.5	Technical Studies		41,200	22,879	(18,321)	(8,731)	-	22,879	(4,488)	(4,273)	-																																										
3.6.6	MEPA/CEQA Reevaluation - Vistula		11,600	6,821	(4,779)	4,479	-	6,821	-	4,479	-																																										
3.6.7	SEA 2(f) ROW STUDY AND		0	679	679	679	-	679	323	246	(4,473)																																										
<b>PHASE IV - RESTORATION AREA PERMIT SUPPORT</b>																																																					
7.0	RESTORATION AREA PERMIT SUPPORT		-	-	-	276,100	276,100	276,100	71,706	194,001	8,283	45.04%	\$	600,000																																							
7.1	Coordination with Town/City/County		0	-	-	30,200	30,200	30,200	7,878	21,613	933																																										
7.2	Site Inspections and Documentation		0	-	-	185,200	185,200	185,200	50,499	133,882	5,626																																										
7.3	Permit Agency Coordination and Reporting		0	-	-	60,700	60,700	60,700	13,416	35,698	1,544																																										
<table border="0"> <tr> <td>Original Contract Amount</td> <td>\$</td> <td>2,850,982</td> </tr> <tr> <td>Amendment 1 - Green Tree Boulevard ECR</td> <td>\$</td> <td>233,000</td> </tr> <tr> <td>Amendment 2 - Departmental Traffic Analysis</td> <td>\$</td> <td>19,100</td> </tr> <tr> <td>Amendment 3 - P&amp;ID</td> <td>\$</td> <td>236,300</td> </tr> <tr> <td>Amendment 4 - Clearing and Tree Removal</td> <td>\$</td> <td>173,615</td> </tr> <tr> <td>TIGER II GRANT</td> <td>\$</td> <td>6,470</td> </tr> <tr> <td>Amendment 5 - Final Design &amp; Project Coordination</td> <td>\$</td> <td>226,878</td> </tr> <tr> <td>Amendment 6 - Soundbites, Yates Road, and Right-of-Way Services</td> <td>\$</td> <td>147,403</td> </tr> <tr> <td>Amendment 7 - State Land Conversion and ROW Reevaluation</td> <td>\$</td> <td>189,650</td> </tr> <tr> <td>Amendment 8 - Energy, Right-of-Way, and Construction Support</td> <td>\$</td> <td>472,403</td> </tr> <tr> <td>Amendment 9 - Additional Design and Parcel Coordination</td> <td>\$</td> <td>229,600</td> </tr> <tr> <td>Amendment 10 - Additional Design, Right-of-Way, and Construction Support</td> <td>\$</td> <td>124,000</td> </tr> <tr> <td><b>Current Contract Balance</b></td> <td><b>\$</b></td> <td><b>6,934,000</b></td> </tr> </table>															Original Contract Amount	\$	2,850,982	Amendment 1 - Green Tree Boulevard ECR	\$	233,000	Amendment 2 - Departmental Traffic Analysis	\$	19,100	Amendment 3 - P&ID	\$	236,300	Amendment 4 - Clearing and Tree Removal	\$	173,615	TIGER II GRANT	\$	6,470	Amendment 5 - Final Design & Project Coordination	\$	226,878	Amendment 6 - Soundbites, Yates Road, and Right-of-Way Services	\$	147,403	Amendment 7 - State Land Conversion and ROW Reevaluation	\$	189,650	Amendment 8 - Energy, Right-of-Way, and Construction Support	\$	472,403	Amendment 9 - Additional Design and Parcel Coordination	\$	229,600	Amendment 10 - Additional Design, Right-of-Way, and Construction Support	\$	124,000	<b>Current Contract Balance</b>	<b>\$</b>	<b>6,934,000</b>
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\*The City cost for Task 6 is based on the fee paid to the Redmond area jurisdiction for 100% of the 100% owned parcels, with 40% being in the County and 60% being in the Town for tasks 6.1 through 6.5, and 6.7  
\*\*The City cost for Task 6 is based on direct cost for the Green Tree Reevaluation effort tracked in task 6.6