

FORM APPROVED COUNTY COUNSEL
 BY: GREGORY P. PRIAMOS
 DATE: 9/8/15

Departmental Concurrence

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

226 A



FROM: TLMA – Transportation Department

SUBMITTAL DATE:
 July 27, 2015

SUBJECT: Amendment No. 1 to the Preliminary Engineering and Environmental Services Agreement Between the County of Riverside and Kimley-Horn and Associates, Inc. for the Interstate 10 Bypass Project in the Cabazon Area. 5th District; [\$2,845,077]; Local Funds 100%

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve Amendment No. 1, Amendment to Agreement Between the County of Riverside and Kimley-Horn and Associates, Inc. for the Interstate 10 (I-10) Bypass Preliminary Engineering and Environmental Services Project; and
2. Authorize the Chairman of the Board to execute the same; and
3. Authorize the use of \$317,000 of Development Impact Fee (DIF) Fund 30530 Road, Bridges, Major Improvements for costs associated with the I-10 Bypass Project; and
4. Direct the Executive Office to reimburse up to \$317,000 from DIF Fund 30530 Roads, Bridges, Major Improvements to the Transportation and Land Management Agency for project expenditures associated with the I-10 Bypass Project.

Patricia Romo
 Patricia Romo

Assistant Director of Transportation

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (Per Exec. Office)
COST	\$ 523,333	\$ 0	\$ 2,845,077	\$ 0	Consent <input type="checkbox"/> Policy <input checked="" type="checkbox"/>
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0	

SOURCE OF FUNDS: DIF funds (61%), Measure A-Western (39%). There are no General Funds used in this project.

Budget Adjustment: Yes
For Fiscal Year: 15/16

C.E.O. RECOMMENDATION:

APPROVE

BY: *Rohini Dasika*
 Rohini Dasika

County Executive Office Signature

MINUTES OF THE BOARD OF SUPERVISORS

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

Prev. Agn. Ref.: 02/28/12, Item 3-60
 12/10/13, Item 3-7b

District: 5

Agenda Number:

3-28

SUBMITTAL TO THE BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA
FORM 11: Amendment No. 1 to the Preliminary Engineering and Environmental Services Agreement Between the County of Riverside and Kimley-Horn and Associates, Inc. for the Interstate 10 Bypass Project in the Cabazon Area. 5th District; [\$2,845,077]; Local Funds 100%

DATE: July 27, 2015

PAGE: 2 of 2

BACKGROUND:

Summary

On February 28, 2012 (Item 3-60), the Board of Supervisors (Board) approved the Engineering and Environmental Services Contract between the County of Riverside (County) and Kimley-Horn and Associates, Inc. to prepare preliminary engineering and environmental documentation for a new local roadway between the community of Cabazon and the City of Banning. The roadway is necessary to provide an alternate to I-10 through the San Gorgonio pass area between Hathaway Street in the City of Banning to the Morongo Trail interchange on I-10 near the community of Cabazon. Over the past several years, incidents have occurred on I-10, causing a partial or full closure of the interstate. The new road connection will improve public safety and facilitate local trips between the communities that can avoid the freeway, and serve as an alternate route in the event of a freeway incident.

The project team has considered various alignments in coordination with the project stakeholders including property owners, the Morongo Band of Mission Indians, the City of Banning, the Bureau of Indian Affairs, the community of Cabazon, and the utility owners and regulatory agencies. A draft environmental document is expected to be ready for circulation and public comment early next year. Additional alignments are being considered based on input received from community stakeholders. In addition, the California Department of Transportation (Caltrans) has recently required that the Environmental Assessment (EA) document be upgraded to a Complex EA for this project, which requires additional studies and review by Caltrans.

Amendment No. 1 is now needed to cover these unanticipated costs to complete the additional studies and prepare a Complex EA. The additional services are estimated to cost \$523,333, including a 10% contingency and include the following:

- Additional engineering and studies related to new alignments needed to address public concerns: \$136,659
- Additional studies required for complex EA and additional environmental surveys required due to new resource agency requirements: \$386,674

Final environmental approval is anticipated in early 2018.

Impact on Residents and Businesses

The I-10 bypass will provide a local road alternative to I-10 between the City of Banning and the community of Cabazon, where there are no local road connections today. The road will provide an alternative to I-10 and added safety for vehicular, pedestrian, and bicycle traffic. The I-10 bypass is one component of the "I-10 lifeline" improvements that span a nearly 20-mile section between Palm Springs and Banning that creates a continuous alternative to I-10. It will provide for alternate road facilities to bypass I-10 in the event of an emergency.

SUPPLEMENTAL:

Additional Fiscal Information

Original Contract Amount:	\$2,321,744
Amendment No. 1 (Current Action):	\$ 523,333
Total Contract Amount:	\$2,845,077

The additional preliminary engineering and environmental services for this project will be funded by the DIF at 61% (\$317,000) and Measure A-Western at 39% (\$206,333). There will be no General Funds used in this project.

ATTACHMENTS

- Vicinity Map
- Amendment No. 1
- Notice of Determination

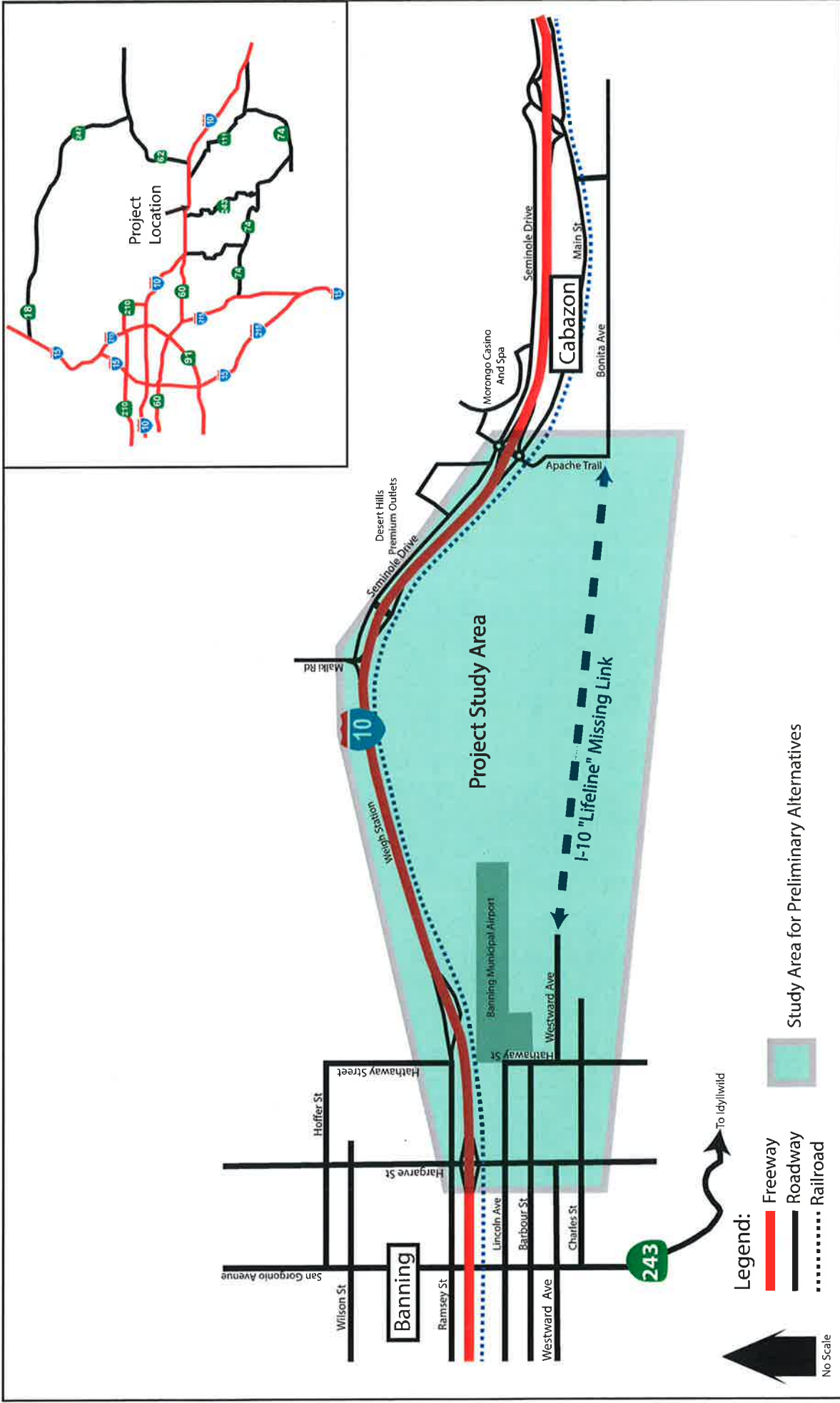


Figure S-1
 I-10 Bypass Alternatives Screening
 Project Location/Study Area

AMENDMENT NO 1

AMENDMENT TO AGREEMENT BETWEEN

THE COUNTY OF RIVERSIDE AND KIMLEY-HORN AND ASSOCIATES, INC.

FOR THE I-10 BYPASS PRELIMINARY ENGINEERING AND ENVIRONMENTAL SERVICES PROJECT

THIS AMENDMENT 1 (hereinafter the "Amendment") to an agreement is made and entered into as of this _____ day of _____, 2015, by and between the County of Riverside, a political subdivision of the State of California (hereinafter the "COUNTY"), and Kimley-Horn and Associates, Inc. (hereinafter "ENGINEER").

RECITALS

- A. COUNTY and ENGINEER have entered in an agreement entitled "Engineering Services Agreement, I-10 Bypass Preliminary Engineering and Environmental Services, between the County of Riverside on behalf of Transportation Department and Kimley-Horn and Associates, Inc." that is dated February 28, 2012 (hereinafter the "Agreement"). The Agreement provides the terms and conditions, scope of work, schedule and budget for the performance of professional and technical services necessary to prepare an environmental document and preliminary engineering.
- B. The parties desire to amend the Agreement Appendix A – SCOPE OF SERVICES, Appendix B – SCHEDULE OF SERVICES, and Appendix C – BUDGET in order to include additional services, extend the current schedule and increase the budget to cover the additional services.

AGREEMENT

NOW, THEREFORE, in consideration of the mutual covenants hereinafter contained, the parties agree as follows:

1. To amend Article VI. Subsection B referring to the not to exceed amount of the contract to provide a new not to exceed amount of \$2,845,077. New totals for contractor totals are reflected in Appendix C2.
2. To amend the Agreement to include the additional services required as a result of project changes, as identified in Appendix A2 – ADDITIONAL SERVICES. Detailed descriptions of the additional services are provided in Appendix A2 of this Amendment, attached hereto and incorporated by this reference.
3. To amend the Agreement Appendix B – SCHEDULE OF SERVICES to extend the project completion from December 31, 2015 to July 31, 2018.
4. To amend the Agreement Appendix C – BUDGET include Appendix C2 including the costs for the additional services described in Appendix A2 as detailed in Appendix C2, attached hereto and incorporated by this

**I-10 BYPASS PRELIMINARY ENGINEERING AND
ENVIRONMENTAL SERVICES**

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reference. The current Agreement budget of \$2,321,744.00 is to be increased by \$523,333, (\$475,757.00 plus a 10% contingency of \$47,576.00), for a total budget amount of \$2,845,077.00.

5. All references to Appendix A regarding scope of work shall hereafter be read as referring to Appendix A and Appendix A2. All references to Appendix C budget shall hereafter be read as referring to Appendix C and Appendix C2.

6. Except to the extent specifically modified or amended hereunder, all of the terms, covenants and conditions of the Agreement as approved on February 28, 2012 shall remain in full force and effect between the parties hereto.

IN WITNESS HEREOF, the parties hereto have caused this Amendment to the Agreement to be duly executed this day and year first written above.

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ARTICLE VII • APPROVALS

COUNTY Approvals

RECOMMENDED FOR APPROVAL:

Patricia Romo Dated: 8/31/15

JUAN C. PEREZ

Director of Transportation and Land Management
Assistant Director of Transportation

APPROVED AS TO FORM:

County Counsel

Marsha L. Victor Dated: 9/4/15
By Deputy

APPROVAL BY THE BOARD OF SUPERVISORS

_____ Dated: _____

PRINTED NAME
Chairman, Riverside County Board of Supervisors

ATTEST:

_____ Dated: _____

KECIA HARPER-IHEM
Clerk to the Board of Supervisors (SEAL)

ENGINEER Approvals

ENGINEER:

Dennis Landau Dated: 6/9/2015

Dennis Landau, PE
PRINTED NAME

Sen. Vice President
TITLE

ENGINEER:

Jason Valencia Dated: 6/9/2015
JASON VALENCIA, PE
PRINTED NAME

ASSISTANT SECRETARY
TITLE

APPENDIX A2 - ADDITIONAL

1 **SERVICES** The following is a detailed description of the additional services:

2 Task 1. Tribal Lands

3 The original scope of work envisioned that all the alternatives would be developed south of the Tribal
4 Land parcel located on the south side of the UP Railroad Tracks (Slope easements on Tribal lands
5 for a roadway south of tribal lands were considered a possibility). Our scope of work for Task H – Planning
6 Studies (Page A-12) states “..... Based on previous studies we anticipate that these (the alternatives) will be
7 south of the I-10 freeway and near or just south of the Tribal boundary”. This assumption was validated in our
8 first stakeholders meeting. Our Team followed our contract scope of work, preparing six screening level
9 alternatives that avoided tribal lands. The County approved a proposed “Study Area” based upon
10 avoiding tribal lands and biological surveys were conducted within the survey area for jurisdictional
11 waters and sensitive species. As a result of this work, the team developed two build alternatives which
12 avoided the tribal boundaries by aligning the roadway to the south of Smith Creek. The team prepared
13 the preliminary design of the two “build” alternative alignments (Alternatives 5 and 6), prepared a draft
14 of the Preliminary Environmental Study (PES), and initiated the environmental studies and engineering
15 technical studies in support of these two alternatives. The initial draft of the PES had been completed on
16 this basis. After completing this effort, the Morongo Tribe was concerned that Alternatives 5 and 6 did
17 not allow easy access to their lands north of Smith Creek. The Tribal Council and Planning Commission
18 requested that the County consider one or more alignments north of Smith Creek. Adding alternatives
19 north of Smith Creek had several environmental advantages including minimizing the impacts to the
20 Los Angeles (LA) Pocket Mouse within the WRCMSHCP, eliminating or reducing the graded slopes on
21 the San Jacinto foothills, potentially reducing the number of Smith Creek crossings and providing an
22 alternative that was in a substantially different location than Alternatives 5 and 6. With these
23 advantages, the PDT directed the Team to examine the alternatives north of Smith Creek.
24 Development and consideration of these new alternatives required the expansion of the scope of work for
25 tasks that had already been completed such as the following:

- 26 a. Extended revisions to the PES to incorporate the new alignment alternatives, a new project
27 description, prepared new graphics showing the new alternatives, assessed the preliminary impacts of

1 such alternatives, and identified the revised processing of such alternatives.

- 2 b. With the alternatives located north of Smith Creek within tribal lands, the BIA is requesting to be a
3 Cooperating Agency and Participating Agency for their role in the NEPA process. This will require
4 additional coordination (we estimate up to four additional meetings). In addition, these alignments have
5 expanded the study area requiring separate surveys of tribal lands for jurisdictional waters and
6 sensitive species; and expanded noise study area requiring additional noise analysis.

7 **Task 2. Alternatives North of UPRR (Alternatives 7&8)**

8 Public comments received during the two public outreach events and the Banning City Council
9 Meetings favoring the Ramsey Street Extension north of I-10 and Tribal Planning Commission
10 comments requesting an analysis of an alignment on the south side of I-10, required an extensive
11 alternatives analysis that was not envisioned in our original scope. Even though the County had
12 previously rejected both of these alternatives, the consultant team had to extensively research and
13 document the reasons that these alternatives were rejected in the Alternatives Analysis report.

14 The additional effort included developing a more detailed order of magnitude construction costs, identify
15 potential nonstandard features, identify potential biological impacts, develop alignment locations, typical
16 sections and revisions to the Alternative Analysis report.

17 **Task 3. Additional Engineering Effort**

18 The complexity of the project including LA Pocket Mouse, Jurisdictional boundaries, ACOE requirements
19 including sand transport, increase in overall project costs and development project phasing/interim designs
20 has resulted in additional design effort including:

- 21 a. Developing two interim designs for Alternatives 5 and 12 that minimized the cuts into the hill side. The
22 interim designs examined a reduced width cross-section and off centerline alignment but within the
23 overall ultimate foot print of alternatives. Obtained input from our subconsultant, LSA, for parameters
24 and limits related to the environmental constraints.
- 25 b. Developing additional project cost estimates including quantities and revised unit costs. Obtained input
26 from our subconsultant, Geocon, regarding rock excavation areas.
- 27 c. An additional Advance Planning study for adjusting the location of the Smith Creek Bridge associated
28 with Alternative 12.

1 Task 4. Complex EA

2 The scope of work was based upon a standard EA. However, Caltrans determined, through the Preliminary
3 Environmental Study (PES), that the appropriate NEPA environmental document will be a Complex EA.
4 The Complex EA is a new type of document for projects that have potential significant environmental
5 challenges but not to the EIS level. As part of the Complex
6 EA process, Caltrans Headquarters (HQ) will provide substantial high-level comments that are in addition
7 to the comments typically provided by the local District through the EA process. This additional process will
8 add an additional two rounds of review for each of the Draft and Final EA/EIR documents. Given that the
9 extent of HQ comments cannot be predicted in advance, we have estimated an additional 60 hours of staff
10 time (Principal, Senior Planner, Word Processing and Graphics) for each of the two rounds of review of the
11 Draft and Final EA/EIR documents

12 Task 5. Desert Tortoise Survey

13 Changes in CVMSHCP regulations, and addition of tribal lands required LSA to complete Desert Tortoise
14 surveys not addressed in the contract scope of work. This survey was not included in the original scope of
15 work because no tortoise has been found in the project study area for more than ten years.

16 Task 6. Additional Biological Surveys (two years)

17 The WRCMSHCP requires one year of surveys for certain sensitive plants; however, the ongoing drought
18 may have prevented such plants from germinating; thus requiring an additional two years of surveys.

19 Task 7. Revisions to Corps Delineation

20 The method for determining jurisdictional delineation for intermittent streambeds in desert areas changed
21 during the course of the project. The initial delineation was determined according to direction at that time
22 by US Army Corps of Engineers staff which was consistent with the method accepted on previous projects
23 completed by the Consultant. After the delineation was completed and impacts evaluated, new Corps staff
24 indicated that a less conservative approach could be implemented. Although this different method enabled
25 the project team to ultimately demonstrate less impacts, it required additional field visits, revised mapping
26 and re-evaluation of impacts.

27 Task 8. Noise Analysis

- 28 a. Noise Abatement Decision Report (NADR)

1 Our Scope identified that the Noise Abatement Decision Report (NADR) was an optional service
2 (Contract Page A-19). Based on the results of the Noise Study Report (NSR), a NADR will be required.
3 The NADR will be prepared in accordance with Caltrans District SER report guidelines with the best
4 information available. The budget also includes additional noise analysis, if required, to address
5 County/Caltrans comments.

6 b. Additional Noise Analysis for CEQA

7 In addition, the County has requested noise analysis outside the limits of the current study that follows
8 Caltrans requirements to be contained within the physical project limits. This additional analysis
9 encompass the portion of the community of Cabazon east of the eastern project terminus to support
10 the California Environmental Quality Act (CEQA) document for the project; a Mitigated Negative
11 Declaration (MND) is expected. Short-term (up to one- hour) sound level measurements will be
12 conducted during a peak traffic noise period(s) at up to four representative noise-sensitive receptor
13 locations. Simultaneous traffic counts will be conducted during each measurement period, as
14 applicable. Methodology for years evaluated will be consistent with the current analysis. Results will be
15 summarized in a brief report separate from the NEPA analysis that is currently in review with Caltrans.

16 Task 9. Additional Public Meeting

17 The original scope of work called for one public scoping meeting; the team chose to do two public
18 meetings. With the project complexity and potential controversy, the Project Development Team
19 determined that an additional public meeting at the beginning of the project was warranted. The
20 information/comments obtained at this meeting were used to help develop the project alternatives and
21 components. The effort included meeting planning and coordination, preparing graphics, developing
22 presentation materials and attending the second public scoping meeting in Banning.

23 Task 10. Additional Project Management

24 The project schedule has been extended approximately two years due to the decision to allow
25 alternatives within the Tribal lands and Caltrans determination that the appropriate NEPA environmental
26 document will be a Complex EA. With the extension of the schedule, additional project management,
27 Project Development Team (PDT) meetings and agency coordination will be required.

28 Task 11. Geotechnical Investigation Monitoring

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Our Cultural subconsultant AES conducted in-field monitoring of soil borings and seismic test lines by our Geotechnical subconsultant Geocon. This included review of record search materials and coordination with Morongo Cultural Resources Department. This effort was not included in our contract scope of work.

Task 12. Visual Impact Assessment

Our original scope of work envisioned up to four Key Observation Points (KOPs) for the Visual Impact Assessment (VIA). As the project developed, it was determined that an additional KOP was needed along the easterly portion of the project area to address a concern that was raised by a major land owner in that area. In addition, Caltrans expressed a desire to add KOPs to show closer views of the roadway and bridges; and to specifically address slope treatment in significant cut areas. We believe that Caltrans' concerns can be addressed with the additional KOP noted for the easterly portion of the project and two additional views along the proposed roadway at a bridge and a significant cut location. This will result in three additional KOPs.

Task 13. Grant Applications

Kimley-Horn will assist the County in developing grant applications for the I-10 Bypass project. A detailed level of effort and scope will be developed at the time of the request for the assistance with an overall budget as indicated above. Types of grants that this project might be eligible for include Tiger Grant, Active Transportation (Bikes/Peds), RCTC call for projects and future bond/funding measures. The budget should allow for an estimated two grant applications.

Task 14. Climate Change

Based upon the most recent updates to the CEQA Guidelines, a greenhouse gas analysis is suggested in the EIR section. Based on VMT, the Kimley-Horn Team will estimate the resulting changes in greenhouse gases and will also estimate the construction emissions of greenhouse gasses.

Task 15. Updated ISA

Kimley-Horn completed the ISA in 2012. Since that time, the project limits have changed and the refuse sites were found. In addition, the Caltrans Initial Site Assessment Guidelines Document indicates that an ISA should be updated if it is over one year old. The ISA will be updated to reflect the time frame as well as the refuse sites and project limits.

**Kimley-Horn and Associates, Inc.
I-10 Banning Bypass
Fee Proposal**

	PHASE 1	PHASE II	PHASE III	PHASE IV	TOTALS
Kimley-Horn and Associates, Inc.	\$231,130.68				\$231,130.68
LSA Associates, Inc.	\$206,962.37				\$206,962.37
Geocon Consultants, Inc.	\$6,372.52				\$6,372.52
Analytical Environmental Services	\$10,012.99				\$10,012.99
Simon Wong Engineering	\$9,928.89				\$9,928.89
dBf	\$11,350.00				\$11,350.00
TOTALS	\$475,757.44				\$475,757.44

Phase I: Preliminary Engineering/Environmental
Phase II: Plans, Specifications and Estimates
Phase III: Construction Bid Support
Phase IV: Construction Support

Appendix C2 - Budget

I-10 Bypass									
Amendment 1									
Summary by Firm and Task									
1-Apr-15									
Task	Kimley-Horn	LSA	SWE	AES	dBf	Geocon	Total labor	Expenses	Total
1. Tribal Lands	\$15,550.30	\$26,240.43		\$5,643.44	\$3,330.00		\$50,764	\$1,800	\$52,564.17
2. Alternatives North of UPRR	\$9,610.93	\$28,043.28					\$37,654	\$200	\$37,854.22
3. Additional Engineering	\$25,093.92	\$8,897.77	\$9,928.89			\$1,820.72	\$45,741	\$500	\$46,241.31
4. Complex EA	\$10,216.12	\$53,465.88					\$63,682	\$15,700	\$79,382.00
5. Desert Tortoise Survey		\$8,634.80					\$8,635		\$8,634.80
6. Add Bio Surveys		\$21,166.84					\$21,167		\$21,166.84
7. Revised Corps Delineation		\$7,628.91					\$7,629		\$7,628.91
8a. NADR	\$15,087.66						\$15,088	\$239	\$15,326.63
8b. Additional Noise Analysis (CEQA)	\$2,146.38				\$8,020.00		\$10,166	\$161	\$10,327.40
9. Public Meeting	\$10,045.76	\$6,553.12					\$16,599	\$4,600	\$21,198.88
10. Project Management	\$63,076.12	\$19,438.66					\$82,515	\$3,300	\$85,814.79
11. Geotechnical Monitoring				\$2,869.55			\$2,870		\$2,869.55
12. Visual Impact Assessment	\$21,691.56						\$21,692	\$400	\$22,091.56
13. Grant Applications	\$50,111.91						\$50,112	\$1,000	\$51,111.91
14. Climate Change		\$8,992.68					\$8,993		\$8,992.68
15. ISA Update						\$4,551.80	\$4,552		\$4,551.80
total labor	\$222,631	\$189,062	\$9,929	\$8,513	\$11,350	\$6,373	\$447,857		
Expenses	\$8,500	\$17,900		\$1,500			\$27,900		
Total	\$231,131	\$206,962	\$9,929	\$10,013	\$11,350	\$6,373	\$475,757		\$475,757.44

COMPANY: Kimley-Horn and Associates, Inc.		Task 1 Tribal Lands		DATE: 4/1/2015	REV: 1
PROJECT: I-10 Banning Bypass				MILESTONE/PHASE/PROJ SUMMARY: Phase I	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS		RATE	AMOUNT
Dennis Landaal, PE	Project Manager	8	@	\$80.29	\$642.32
Darren Adrian	Senior Engineer	46	@	\$63.46	\$2,919.16
Sam McWhorter, PE	Senior Drainage Engineer			\$49.42	
Dave Sorenson	Senior Traffic Engineer			\$65.18	
	Professional II			\$52.00	
	Professional I			\$41.00	
	Junior Professional	20	@	\$32.00	\$640.00
	Analyst			\$29.00	
	CADD Designer	16	@	\$40.00	\$640.00
	Admin Support			\$29.00	
Pat Hart	Senior Landscape Architect			\$53.85	
	Senior Noise Specialist			\$59.62	
TOTAL HOURS		90		TOTAL DIRECT LABOR	\$4,841.48
MULTIPLIERS					
OVERHEAD @ 154.79% (of Total Direct Labor) \$7,494.13					
PAYROLL ADDITIVES @ 37.20% (of Total Direct Labor) \$1,801.03					
TOTAL MULTIPLIERS					\$9,295.16
OTHER DIRECT EXPENSES ... Billed at Actual Cost ...					
ITEM	QUANTITY	UNIT		UNIT COST	AMOUNT
		LS			
		LS			
	1	LS	@		
Office Expense	1	LS		\$300.00	\$300.00
			@		
TOTAL OTHER DIRECT EXPENSES					\$300.00
OUTSIDE SERVICES					
COMPANY					TOTAL
LSA Associates, Inc.					\$26,240.43
AES					\$7,143.44
dBf					\$3,330.00
TOTAL OUTSIDE SERVICES					\$36,713.87
FEES					
KIMLEY-HORN AND ASSOCIA 10.00% (of Total Direct Labor + Total Multipliers) \$1,413.66					
OUTSIDE SERVICES @ (of Total Labor + Total Multiplier for Outside Service					
TOTAL FEES					\$1,413.66
TOTAL COST					\$52,564.17

COMPANY: Kimley-Horn and Associates, Inc.		SCOPE OF WORK Task 2 Alt North of UPRR		DATE: 4/1/2015	REV: 1
PROJECT: I-10 Banning Bypass				MILESTONE/PHASE/PROJ SUMMARY: Phase I	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT	
Dennis Landaal, PE	Project Manager	4	@ \$80.29	\$321.16	
Darren Adrian	Senior Engineer	10	@ \$63.46	\$634.60	
Sam McWhorter, PE	Senior Drainage Engineer	6	@ \$49.42	\$296.54	
Dave Sorenson	Senior Traffic Engineer		\$65.18		
	Professional II		\$52.00		
	Professional I	24	@ \$41.00	\$984.00	
	Junior Professional	20	@ \$32.00	\$640.00	
	Analyst		\$29.00		
	CADD Designer		\$40.00		
	Admin Support	4	@ \$29.00	\$116.00	
Pat Hart	Senior Landscape Architect		\$53.85		
	Senior Noise Specialist		\$59.62		
TOTAL HOURS		68	TOTAL DIRECT LABOR		\$2,992.30
MULTIPLIERS					
OVERHEAD @ 154.79% (of Total Direct Labor) \$4,631.78					
PAYROLL ADDITIVES @ 37.20% (of Total Direct Labor) \$1,113.13					
TOTAL MULTIPLIERS					\$5,744.91
OTHER DIRECT EXPENSES ... Billed at Actual Cost ...					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
		LS			
		LS			
		LS @			
Office Expense	1	LS	\$200.00	\$200.00	
		@			
TOTAL OTHER DIRECT EXPENSES					\$200.00
OUTSIDE SERVICES					
COMPANY				TOTAL	
LSA Associates, Inc.				\$28,043.28	
TOTAL OUTSIDE SERVICES					\$28,043.28
FEES					
KIMLEY-HORN AND ASSOCIA 10.00% (of Total Direct Labor + Total Multipliers) \$873.72					
OUTSIDE SERVICES @ (of Total Labor + Total Multiplier for Outside Service)					
TOTAL FEES					\$873.72
TOTAL COST					\$37,854.22

COMPANY: Kimley-Horn and Associates, Inc.		Task 3 Additional Engineering Effort		DATE: 4/1/2015	REV: 1
PROJECT: I-10 Banning Bypass				MILESTONE/PHASE/PROJ SUMMARY: Phase I	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT	
Dennis Landaal, PE	Project Manager	14 @	\$80.29	\$1,124.06	
Darren Adrian	Senior Engineer	22 @	\$63.46	\$1,396.12	
Sam McWhorter, PE	Senior Drainage Engineer	14 @	\$49.42	\$691.92	
Dave Sorenson	Senior Traffic Engineer	4 @	\$65.18	\$260.72	
	Professional II		\$52.00		
	Professional I	28 @	\$41.00	\$1,148.00	
	Junior Professional	80 @	\$32.00	\$2,560.00	
	Analyst		\$29.00		
	CADD Designer	10 @	\$40.00	\$400.00	
	Admin Support	8 @	\$29.00	\$232.00	
Pat Hart	Senior Landscape Architect		\$53.85		
	Senior Noise Specialist		\$59.62		
TOTAL HOURS		180	TOTAL DIRECT LABOR		\$7,812.82
MULTIPLIERS					
OVERHEAD @ 154.79% (of Total Direct Labor) \$12,093.47					
PAYROLL ADDITIVES @ 37.20% (of Total Direct Labor) \$2,906.37					
TOTAL MULTIPLIERS					\$14,999.84
OTHER DIRECT EXPENSES ... Billed at Actual Cost ...					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
		LS			
		LS			
		LS @			
Office Expense	1	LS	\$500.00	\$500.00	
		@			
TOTAL OTHER DIRECT EXPENSES					\$500.00
OUTSIDE SERVICES					
COMPANY				TOTAL	
LSA Associates, Inc.				\$8,897.77	
Geocon Consultants, Inc.				\$1,820.72	
Simon Wong Eng				\$9,928.89	
dBF					
TOTAL OUTSIDE SERVICES					\$20,647.38
FEES					
KIMLEY-HORN AND ASSOCIA 10.00% (of Total Direct Labor + Total Multipliers) \$2,281.27					
OUTSIDE SERVICES @ (of Total Labor + Total Multiplier for Outside Services) \$2,281.27					
TOTAL FEES					\$2,281.27
TOTAL COST					\$46,241.31

COMPANY: Kimley-Horn and Associates, Inc.		Task4 Complex EA		DATE: 4/1/2015	REV: 1
PROJECT: I-10 Banning Bypass				MILESTONE/PHASE/PROJ SUMMARY: Phase I	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT	
Dennis Landaal, PE	Project Manager	8 @	\$80.29	\$642.32	
Darren Adrian	Senior Engineer	40 @	\$63.46	\$2,538.40	
Sam McWhorter, PE	Senior Drainage Engineer		\$49.42		
Dave Sorenson	Senior Traffic Engineer		\$65.18		
	Professional II		\$52.00		
	Professional I		\$41.00		
	Junior Professional		\$32.00		
	Analyst		\$29.00		
	CADD Designer		\$40.00		
	Admin Support		\$29.00		
Pat Hart	Senior Landscape Architect		\$53.85		
	Senior Noise Specialist		\$59.62		
TOTAL HOURS		48	TOTAL DIRECT LABOR		\$3,180.72
MULTIPLIERS					
OVERHEAD @ 154.79% (of Total Direct Labor) \$4,923.44					
PAYROLL ADDITIVES @ 37.20% (of Total Direct Labor) \$1,183.23					
TOTAL MULTIPLIERS					\$6,106.66
OTHER DIRECT EXPENSES ... Billed at Actual Cost ...					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
		LS			
		LS			
		LS @			
Office Expense	1	LS @	\$200.00	\$200.00	
TOTAL OTHER DIRECT EXPENSES					\$200.00
OUTSIDE SERVICES					
COMPANY				TOTAL	
LSA Associates, Inc.				\$68,965.88	
TOTAL OUTSIDE SERVICES					\$68,965.88
FEES					
KIMLEY-HORN AND ASSOCIA 10.00% (of Total Direct Labor + Total Multipliers) \$928.74					
OUTSIDE SERVICES @ (of Total Labor + Total Multiplier for Outside Service) \$928.74					
TOTAL FEES					\$928.74
TOTAL COST					\$79,382.00

COMPANY: Kimley-Horn and Associates, Inc.		Task5 Tortoise Survey		DATE: 4/1/2015	REV: 1
PROJECT: I-10 Banning Bypass				MILESTONE/PHASE/PROJ SUMMARY: Phase I	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT	
Dennis Landaal, PE	Project Manager		\$80.29		
Darren Adrian	Senior Engineer		\$63.46		
Sam McWhorter, PE	Senior Drainage Engineer		\$49.42		
Dave Sorenson	Senior Traffic Engineer		\$65.18		
	Professional II		\$52.00		
	Professional I		\$41.00		
	Junior Professional		\$32.00		
	Analyst		\$29.00		
	CADD Designer		\$40.00		
	Admin Support		\$29.00		
Pat Hart	Senior Landscape Architect		\$53.85		
	Senior Noise Specialist		\$59.62		
TOTAL HOURS		<input type="text"/>	TOTAL DIRECT LABOR		<input type="text"/>
MULTIPLIERS					
<input type="text"/>					
OVERHEAD @	154.79% (of Total Direct Labor)				
PAYROLL ADDITIVES @	37.20% (of Total Direct Labor)				
TOTAL MULTIPLIERS					<input type="text"/>
OTHER DIRECT EXPENSES ... Billed at Actual Cost ...					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
		LS			
		LS			
		LS	@		
		LS	@		
TOTAL OTHER DIRECT EXPENSES					<input type="text"/>
OUTSIDE SERVICES					
COMPANY				TOTAL	
LSA Associates, Inc.				\$8,634.80	
dBf					
TOTAL OUTSIDE SERVICES					\$8,634.80
FEES					
<input type="text"/>					
KIMLEY-HORN AND ASSOCIA	10.00% (of Total Direct Labor + Total Multipliers)				
OUTSIDE SERVICES @	(of Total Labor + Total Multiplier for Outside Service				
TOTAL FEES					<input type="text"/>
TOTAL COST					\$8,634.80

COMPANY: Kimley-Horn and Associates, Inc.		Task6 Add Bio Surveys	DATE: 4/1/2015	REV: 1
PROJECT: I-10 Banning Bypass			MILESTONE/PHASE/PROJ SUMMARY: Phase I	

DIRECT LABOR				
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT
Dennis Landaal, PE	Project Manager		\$80.29	
Darren Adrian	Senior Engineer		\$63.46	
Sam McWhorter, PE	Senior Drainage Engineer		\$49.42	
Dave Sorenson	Senior Traffic Engineer		\$65.18	
	Professional II		\$52.00	
	Professional I		\$41.00	
	Junior Professional		\$32.00	
	Analyst		\$29.00	
	CADD Designer		\$40.00	
	Admin Support		\$29.00	
Pat Hart	Senior Landscape Architect		\$53.85	
	Senior Noise Specialist		\$59.62	
TOTAL HOURS		<input type="text"/>	TOTAL DIRECT LABOR	

MULTIPLIERS	
OVERHEAD @	154.79% (of Total Direct Labor)
PAYROLL ADDITIVES @	37.20% (of Total Direct Labor)
TOTAL MULTIPLIERS	

OTHER DIRECT EXPENSES *** Billed at Actual Cost ***				
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT
		LS		
		LS		
		LS	@	
		LS	@	
TOTAL OTHER DIRECT EXPENSES				<input type="text"/>

OUTSIDE SERVICES				
COMPANY	QUANTITY	UNIT	UNIT COST	TOTAL
LSA Associates, Inc.				\$21,166.84
dBFB				
TOTAL OUTSIDE SERVICES				\$21,166.84

FEES	
KIMLEY-HORN AND ASSOCIA	10.00% (of Total Direct Labor + Total Multipliers)
OUTSIDE SERVICES @	(of Total Labor + Total Multiplier for Outside Services)
TOTAL FEES	
TOTAL COST	
\$21,166.84	

COMPANY: Kimley-Horn and Associates, Inc.		Task7 Revised Corps Delineation	DATE: 4/1/2015	REV: 1
PROJECT: I-10 Banning Bypass			MILESTONE/PHASE/PROJ SUMMARY: Phase I	

DIRECT LABOR				
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT
Dennis Landaal, PE	Project Manager		\$80.29	
Darren Adrian	Senior Engineer		\$63.46	
Sam McWhorter, PE	Senior Drainage Engineer		\$49.42	
Dave Sorenson	Senior Traffic Engineer		\$65.18	
	Professional II		\$52.00	
	Professional I		\$41.00	
	Junior Professional		\$32.00	
	Analyst		\$29.00	
	CADD Designer		\$40.00	
	Admin Support		\$29.00	
Pat Hart	Senior Landscape Architect		\$53.85	
	Senior Noise Specialist		\$59.62	
TOTAL HOURS			TOTAL DIRECT LABOR	

MULTIPLIERS	
OVERHEAD @	154.79% (of Total Direct Labor)
PAYROLL ADDITIVES @	37.20% (of Total Direct Labor)
TOTAL MULTIPLIERS	

OTHER DIRECT EXPENSES *** Billed at Actual Cost ***				
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT
		LS		
		LS		
		LS	@	
		LS	@	
TOTAL OTHER DIRECT EXPENSES				

OUTSIDE SERVICES				
COMPANY	QUANTITY	UNIT	UNIT COST	TOTAL
LSA Associates, Inc.				\$7,628.91
TOTAL OUTSIDE SERVICES				\$7,628.91

FEES	
KIMLEY-HORN AND ASSOCIA	10.00% (of Total Direct Labor + Total Multipliers)
OUTSIDE SERVICES @	(of Total Labor + Total Multiplier for Outside Services)
TOTAL FEES	
TOTAL COST	

COMPANY: Kimley-Horn and Associates, Inc.		Task 8a NADR		DATE: 4/1/2015	REV: 1
PROJECT: I-10 Banning Bypass				MILESTONE/PHASE/PROJ SUMMARY: Phase I	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT	
Dennis Landaal, PE	Project Manager	4	@ \$80.29	\$321.16	
Darren Adrian	Senior Engineer	18	@ \$63.46	\$1,142.28	
Sam McWhorter, PE	Senior Drainage Engineer		\$49.42		
Dave Sorenson	Senior Traffic Engineer		\$65.18		
	Professional II		\$52.00		
	Professional I	42	@ \$41.00	\$1,722.00	
	Junior Professional	40	@ \$32.00	\$1,280.00	
	Analyst		\$29.00		
	CADD Designer		\$40.00		
	Admin Support	8	@ \$29.00	\$232.00	
Pat Hart	Senior Landscape Architect		\$53.85		
	Senior Noise Specialist		\$59.62		
TOTAL HOURS		112	TOTAL DIRECT LABOR		\$4,697.44
MULTIPLIERS					
OVERHEAD @ 154.79% (of Total Direct Labor) \$7,271.17					
PAYROLL ADDITIVES @ 37.20% (of Total Direct Labor) \$1,747.45					
TOTAL MULTIPLIERS					\$9,018.62
OTHER DIRECT EXPENSES ... Billed at Actual Cost ...					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
		LS			
		LS			
		LS @			
Office Expense	1	LS	\$400.00	\$400.00	
			@		
TOTAL OTHER DIRECT EXPENSES					\$400.00
OUTSIDE SERVICES					
COMPANY				TOTAL	
TOTAL OUTSIDE SERVICES					
FEES					
KIMLEY-HORN AND ASSOCIA	10.00%	(of Total Direct Labor + Total Multipliers)		\$1,371.61	
OUTSIDE SERVICES @		(of Total Labor + Total Multiplier for Outside Service)			
TOTAL FEES					\$1,371.61
TOTAL COST					\$15,487.66

COMPANY: Kimley-Horn and Associates, Inc.		Task 8b Additional Noise Analysis (CEQA)		DATE: 4/1/2015	REV: 1
PROJECT: I-10 Banning Bypass				MILESTONE/PHASE/PROJ SUMMARY: Phase I	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT	
Dennis Landaal, PE	Project Manager	2 @	\$80.29	\$160.58	
Darren Adrian	Senior Engineer	8 @	\$63.46	\$507.68	
Sam McWhorter, PE	Senior Drainage Engineer		\$49.42		
Dave Sorenson	Senior Traffic Engineer		\$65.18		
	Professional II		\$52.00		
	Professional I		\$41.00		
	Junior Professional		\$32.00		
	Analyst		\$29.00		
	CADD Designer		\$40.00		
	Admin Support		\$29.00		
Pat Hart	Senior Landscape Architect		\$53.85		
	Senior Noise Specialist		\$59.62		
TOTAL HOURS		10	TOTAL DIRECT LABOR		\$668.26
MULTIPLIERS					
OVERHEAD @ 154.79% (of Total Direct Labor) \$1,034.40					
PAYROLL ADDITIVES @ 37.20% (of Total Direct Labor) \$248.59					
TOTAL MULTIPLIERS					\$1,282.99
OTHER DIRECT EXPENSES ... Billed at Actual Cost ...					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
Office Expense	1	LS @			
TOTAL OTHER DIRECT EXPENSES					
OUTSIDE SERVICES					
COMPANY				TOTAL	
dBF				\$8,020.00	
TOTAL OUTSIDE SERVICES					\$8,020.00
FEES					
KIMLEY-HORN AND ASSOCIA 10.00% (of Total Direct Labor + Total Multipliers) \$195.13					
OUTSIDE SERVICES @ (of Total Labor + Total Multiplier for Outside Service)					
TOTAL FEES					\$195.13
TOTAL COST					\$10,166.38

COMPANY: Kimley-Horn and Associates, Inc.		Task 9 Additional Public meeting		DATE: 4/1/2015	REV: 1
PROJECT: I-10 Banning Bypass				MILESTONE/PHASE/PROJ SUMMARY: Phase I	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT	
Dennis Landaal, PE	Project Manager	16 @	\$80.29	\$1,284.64	
Darren Adrian	Senior Engineer	24 @	\$63.46	\$1,523.04	
Sam McWhorter, PE	Senior Drainage Engineer		\$49.42		
Dave Sorenson	Senior Traffic Engineer		\$65.18		
	Professional II		\$52.00		
	Professional I		\$41.00		
	Junior Professional	10 @	\$32.00	\$320.00	
	Analyst		\$29.00		
	CADD Designer		\$40.00		
	Admin Support		\$29.00		
Pat Hart	Senior Landscape Architect		\$53.85		
	Senior Noise Specialist		\$59.62		
TOTAL HOURS		50	TOTAL DIRECT LABOR		\$3,127.68
MULTIPLIERS					
OVERHEAD @ 154.79% (of Total Direct Labor) \$4,841.34					
PAYROLL ADDITIVES @ 37.20% (of Total Direct Labor) \$1,163.50					
TOTAL MULTIPLIERS					\$6,004.83
OTHER DIRECT EXPENSES *** Billed at Actual Cost ***					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
printing	1	LS	\$2,000.00	\$2,000.00	
misc		LS			
Office Expense	1	LS @	\$200.00	\$200.00	
TOTAL OTHER DIRECT EXPENSES					\$2,200.00
OUTSIDE SERVICES					
COMPANY				TOTAL	
LSA Associates, Inc.				\$8,953.12	
dBF					
TOTAL OUTSIDE SERVICES					\$8,953.12
FEEES					
KIMLEY-HORN AND ASSOCIA 10.00% (of Total Direct Labor + Total Multipliers) \$913.25					
OUTSIDE SERVICES @ (of Total Labor + Total Multiplier for Outside Service)					
TOTAL FEES					\$913.25
TOTAL COST					\$21,198.88

COMPANY: Kimley-Horn and Associates, Inc.		Task 10 Additional Project Management		DATE: 4/1/2015	REV: 1
PROJECT: I-10 Banning Bypass				MILESTONE/PHASE/PROJ SUMMARY: Phase I	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT	
Dennis Landaal, PE	Project Manager	80	@ \$80.29	\$6,423.20	
Darren Adrian	Senior Engineer	172	@ \$63.46	\$10,915.12	
Sam McWhorter, PE	Senior Drainage Engineer		\$49.42		
Dave Sorenson	Senior Traffic Engineer		\$65.18		
	Professional II		\$52.00		
	Professional I		\$41.00		
	Junior Professional	32	@ \$32.00	\$1,024.00	
	Analyst		\$29.00		
	CADD Designer		\$40.00		
	Admin Support	44	@ \$29.00	\$1,276.00	
Pat Hart	Senior Landscape Architect		\$53.85		
	Senior Noise Specialist		\$59.62		
TOTAL HOURS		328	TOTAL DIRECT LABOR		\$19,638.32
MULTIPLIERS					
OVERHEAD @ 154.79% (of Total Direct Labor) \$30,398.16					
PAYROLL ADDITIVES @ 37.20% (of Total Direct Labor) \$7,305.46					
TOTAL MULTIPLIERS					\$37,703.61
OTHER DIRECT EXPENSES ... Billed at Actual Cost ...					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
		LS			
		LS			
misc	1	LS @	\$2,000.00	\$2,000.00	
Office Expense	1	LS @	\$1,300.00	\$1,300.00	
TOTAL OTHER DIRECT EXPENSES					\$3,300.00
OUTSIDE SERVICES					
COMPANY				TOTAL	
LSA Associates, Inc.				\$19,438.66	
dBf					
TOTAL OUTSIDE SERVICES					\$19,438.66
FEES					
KIMLEY-HORN AND ASSOCIA 10.00% (of Total Direct Labor + Total Multipliers) \$5,734.19					
OUTSIDE SERVICES @ (of Total Labor + Total Multiplier for Outside Service)					
TOTAL FEES					\$5,734.19
TOTAL COST					\$85,814.79

COMPANY: Kimley-Horn and Associates, Inc.		Task 11 Cultural for Geotech		DATE: 4/1/2015	REV: 1
PROJECT: I-10 Banning Bypass				MILESTONE/PHASE/PROJ SUMMARY: Phase I	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT	
Dennis Landaal, PE	Project Manager		\$80.29		
Darren Adrian	Senior Engineer		\$63.46		
	QC/ Senior Engineer		\$63.94		
Sam McWhorter, PE	Senior Drainage Engineer		\$49.42		
Dave Sorenson	Senior Traffic Engineer		\$65.18		
	Professional II		\$52.00		
	Professional I		\$41.00		
	Junior Professional		\$32.00		
	Analyst		\$29.00		
	CADD Designer		\$40.00		
	Admin Support		\$29.00		
Pat Hart	Senior Landscape Architect		\$53.85		
	Senior Noise Specialist		\$59.62		
TOTAL HOURS			TOTAL DIRECT LABOR		
MULTIPLIERS					
OVERHEAD @ 154.79% (of Total Direct Labor)					
PAYROLL ADDITIVES @ 37.20% (of Total Direct Labor)					
TOTAL MULTIPLIERS					
OTHER DIRECT EXPENSES ... Billed at Actual Cost ...					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
misc		LS			
	1	LS	@		
Office Expense	1	LS	@		
TOTAL OTHER DIRECT EXPENSES					
OUTSIDE SERVICES					
COMPANY				TOTAL	
AES				\$2,869.55	
dBf					
TOTAL OUTSIDE SERVICES					\$2,869.55
FEES					
KIMLEY-HORN AND ASSOCIA 10.00% (of Total Direct Labor + Total Multipliers)					
OUTSIDE SERVICES @ (of Total Labor + Total Multiplier for Outside Service)					
TOTAL FEES					
TOTAL COST					\$2,869.55

COMPANY: Kimley-Horn and Associates, Inc.		Task 12 VIA		DATE: 4/1/2015		REV: 1	
PROJECT: I-10 Banning Bypass				MILESTONE/PHASE/PROJ SUMMARY: Phase I			
DIRECT LABOR							
PERSONNEL	FUNCTION	HOURS		RATE		AMOUNT	
Dennis Landaal, PE	Project Manager	2	@	\$80.29		\$160.58	
Darren Adrian	Senior Engineer	14	@	\$63.46		\$888.44	
	QC/ Senior Engineer			\$63.94			
Sam McWhorter, PE	Senior Drainage Engineer			\$49.42			
Dave Sorenson	Senior Traffic Engineer			\$65.18			
	Professional II			\$52.00			
	Professional I	60	@	\$41.00		\$2,460.00	
	Junior Professional	10	@	\$32.00		\$320.00	
	Analyst			\$29.00			
	CADD Designer			\$40.00			
	Admin Support	8	@	\$29.00		\$232.00	
Pat Hart	Senior Landscape Architect	50	@	\$53.85		\$2,692.50	
	Senior Noise Specialist			\$59.62			
TOTAL HOURS		144		TOTAL DIRECT LABOR		\$6,753.52	
MULTIPLIERS							
OVERHEAD @ 154.79% (of Total Direct Labor) \$10,453.77							
PAYROLL ADDITIVES @ 37.20% (of Total Direct Labor) \$2,512.31							
TOTAL MULTIPLIERS						\$12,966.08	
OTHER DIRECT EXPENSES *** Billed at Actual Cost ***							
ITEM	QUANTITY	UNIT		UNIT COST		AMOUNT	
		LS					
		LS					
Office Expense	1	LS	@	\$400.00		\$400.00	
	1	LS	@				
TOTAL OTHER DIRECT EXPENSES						\$400.00	
OUTSIDE SERVICES							
COMPANY						TOTAL	
dBF							
TOTAL OUTSIDE SERVICES							
FEEES							
KIMLEY-HORN AND ASSOCIA 10.00% (of Total Direct Labor + Total Multipliers) \$1,971.96							
OUTSIDE SERVICES @ (of Total Labor + Total Multiplier for Outside Service)							
TOTAL FEES						\$1,971.96	
TOTAL COST						\$22,091.56	

COMPANY: Kimley-Horn and Associates, Inc.		Task 13 Grant Applications		DATE: 4/1/2015	REV: 1
PROJECT: I-10 Banning Bypass				MILESTONE/PHASE/PROJ SUMMARY: Phase I	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS		RATE	AMOUNT
Dennis Landaal, PE	Project Manager	24	@	\$80.29	\$1,926.96
Darren Adrian	Senior Engineer	24	@	\$63.46	\$1,523.04
Sam McWhorter, PE	Senior Drainage Engineer			\$49.42	
Dave Sorenson	Senior Traffic Engineer			\$65.18	
	Professional II			\$52.00	
	Professional I	162	@	\$41.00	\$6,642.00
	Junior Professional			\$32.00	
	Analyst			\$29.00	
	CADD Designer			\$40.00	
	Admin Support	190	@	\$29.00	\$5,510.00
Pat Hart	Senior Landscape Architect			\$53.85	
	Senior Noise Specialist			\$59.62	
TOTAL HOURS		400		TOTAL DIRECT LABOR	\$15,602.00
MULTIPLIERS					
OVERHEAD @ 154.79% (of Total Direct Labor) \$24,150.34					
PAYROLL ADDITIVES @ 37.20% (of Total Direct Labor) \$5,803.94					
TOTAL MULTIPLIERS					\$29,954.28
OTHER DIRECT EXPENSES ... Billed at Actual Cost ...					
ITEM	QUANTITY	UNIT		UNIT COST	AMOUNT
misc		LS			
		LS			
	1	LS	@		
Office Expense	1	LS	@	\$1,000.00	\$1,000.00
TOTAL OTHER DIRECT EXPENSES					\$1,000.00
OUTSIDE SERVICES					
COMPANY					TOTAL
TOTAL OUTSIDE SERVICES					
FEES					
KIMLEY-HORN AND ASSOCIA 10.00% (of Total Direct Labor + Total Multipliers) \$4,555.63					
OUTSIDE SERVICES @ (of Total Labor + Total Multiplier for Outside Service)					
TOTAL FEES					\$4,555.63
TOTAL COST					\$51,111.91

COMPANY: Kimley-Horn and Associates, Inc.		Task 14 Climate Change	DATE: 4/1/2015	REV: 1
PROJECT: I-10 Banning Bypass			MILESTONE/PHASE/PROJ SUMMARY: Phase I	

DIRECT LABOR				
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT
Dennis Landaal, PE	Project Manager		\$80.29	
Darren Adrian	Senior Engineer		\$63.46	
Sam McWhorter, PE	Senior Drainage Engineer		\$49.42	
Dave Sorenson	Senior Traffic Engineer		\$65.18	
	Professional II		\$52.00	
	Professional I		\$41.00	
	Junior Professional		\$32.00	
	Analyst		\$29.00	
	CADD Designer		\$40.00	
	Admin Support		\$29.00	
Pat Hart	Senior Landscape Architect		\$53.85	
	Senior Noise Specialist		\$59.62	
TOTAL HOURS			TOTAL DIRECT LABOR	

MULTIPLIERS	
OVERHEAD @	154.79% (of Total Direct Labor)
PAYROLL ADDITIVES @	37.20% (of Total Direct Labor)
TOTAL MULTIPLIERS	

OTHER DIRECT EXPENSES *** Billed at Actual Cost ***				
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT
misc		LS		
		LS		
	1	LS	@	
Office Expense	1	LS	@	
TOTAL OTHER DIRECT EXPENSES				

OUTSIDE SERVICES				
COMPANY	QUANTITY	UNIT	UNIT COST	TOTAL
LSA Associates, Inc.				\$8,992.68
dBF				
TOTAL OUTSIDE SERVICES				\$8,992.68

FEES	
KIMLEY-HORN AND ASSOCIA	10.00% (of Total Direct Labor + Total Multipliers)
OUTSIDE SERVICES @	(of Total Labor + Total Multiplier for Outside Service
TOTAL FEES	
TOTAL COST	

\$8,992.68

COMPANY: Kimley-Horn and Associates, Inc.		Task 14 Climate Change		DATE: 4/1/2015	REV: 1
PROJECT: I-10 Banning Bypass				MILESTONE/PHASE/PROJ SUMMARY: Phase I	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT	
Dennis Landaal, PE	Project Manager		\$80.29		
Darren Adrian	Senior Engineer		\$63.46		
Sam McWhorter, PE	Senior Drainage Engineer		\$49.42		
Dave Sorenson	Senior Traffic Engineer		\$65.18		
	Professional II		\$52.00		
	Professional I		\$41.00		
	Junior Professional		\$32.00		
	Analyst		\$29.00		
	CADD Designer		\$40.00		
	Admin Support		\$29.00		
Pat Hart	Senior Landscape Architect		\$53.85		
	Senior Noise Specialist		\$59.62		
		TOTAL HOURS		TOTAL DIRECT LABOR	
MULTIPLIERS					
OVERHEAD @ 154.79% (of Total Direct Labor)					
PAYROLL ADDITIVES @ 37.20% (of Total Direct Labor)					
					TOTAL MULTIPLIERS
OTHER DIRECT EXPENSES ... Billed at Actual Cost ...					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
misc		LS			
		LS			
	1	LS	@		
Office Expense	1	LS	@		
					TOTAL OTHER DIRECT EXPENSES
OUTSIDE SERVICES					
COMPANY				TOTAL	
Geocon				\$4,551.80	
dBF					
					TOTAL OUTSIDE SERVICES
					\$4,551.80
FEES					
KIMLEY-HORN AND ASSOCIA 10.00% (of Total Direct Labor + Total Multipliers)					
OUTSIDE SERVICES @ (of Total Labor + Total Multiplier for Outside Services)					
					TOTAL FEES
					TOTAL COST
					\$4,551.80

COMPANY: Kimley-Horn and Associates, Inc.		SCOPE OF WORK Preliminary Engineering/Environmental		DATE: 4/1/2015	REV: 1
PROJECT: I-10 Banning Bypass				MILESTONE/PHASE/PROJ SUMMARY: Phase I	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS		RATE	AMOUNT
Dennis Landaal, PE	Project Manager	162	@	\$80.29	\$13,006.98
Darren Adrian	Senior Engineer	378	@	\$63.46	\$23,987.88
Sam McWhorter, PE	Senior Drainage Engineer	20	@	\$49.42	\$988.46
Dave Sorenson	Senior Traffic Engineer	4	@	\$65.18	\$260.72
	Professional II			\$52.00	
	Professional I	316	@	\$41.00	\$12,956.00
	Junior Professional	212	@	\$32.00	\$6,784.00
	Analyst			\$29.00	
	CADD Designer	26	@	\$40.00	\$1,040.00
	Admin Support	262	@	\$29.00	\$7,598.00
Pat Hart	Senior Landscape Architect	50	@	\$53.85	\$2,692.50
	Senior Noise Specialist			\$59.62	
TOTAL HOURS		1430		TOTAL DIRECT LABOR	\$69,314.54
MULTIPLIERS					
OVERHEAD @ 154.79% (of Total Direct Labor) \$107,291.98					
PAYROLL ADDITIVES @ 37.20% (of Total Direct Labor) \$25,785.01					
TOTAL MULTIPLIERS					\$133,076.99
OTHER DIRECT EXPENSES ... Billed at Actual Cost ...					
ITEM	QUANTITY	UNIT		UNIT COST	AMOUNT
printing for Public Meeting	1	LS		\$2,000.00	\$2,000.00
misc	1	LS		\$2,000.00	\$2,000.00
		LS	@		
Office Expense	1	LS		\$4,500.00	\$4,500.00
			@		
TOTAL OTHER DIRECT EXPENSES					\$8,500.00
OUTSIDE SERVICES					
COMPANY					TOTAL
LSA Associates, Inc.					\$206,962.37
Geocon Consultants, Inc.					\$6,372.52
Analytical Environmental Services					\$10,012.99
Simon Wong Engineering					\$9,928.89
dBF					\$11,350.00
TOTAL OUTSIDE SERVICES					\$244,626.76
FEES					
KIMLEY-HORN AND ASSOCIA 10.00% (of Total Direct Labor + Total Multipliers) \$20,239.15					
OUTSIDE SERVICES @ (of Total Labor + Total Multiplier for Outside Service)					
TOTAL FEES					\$20,239.15
TOTAL COST					\$475,757.44

COMPANY: LSA Associates, Inc.		SCOPE OF WORK Environmental		DATE: 4/1/2015	REV: 1
PROJECT: I-10 Banning Bypass				MILESTONE/PHASE/PROJ SUMMARY: All Phases	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT	
Lyn Calerdine	ED Manager	390 @	\$62.82	\$24,499.80	
	Senior Planner	260 @	\$48.75	\$12,675.00	
	Staff Planner	120 @	\$29.81	\$3,577.20	
	Cultural Principal		\$58.84		
	Cultural Staff		\$26.23		
	Bio Principal	8 @	\$58.84	\$470.72	
Denise Woodard	Bio Associate	157 @	\$41.20	\$6,468.40	
Jodi Ross	Biologist	250 @	\$28.90	\$7,225.00	
	AQ Principal	6 @	\$58.84	\$353.04	
	AQ Staff	60 @	\$39.79	\$2,387.40	
	Word Processor	117 @	\$30.90	\$3,615.30	
	Graphics	108 @	\$33.64	\$3,633.12	
Ambrish Mukherjee	Sr. Transportation Planner		\$30.79		
Sandipan Bhattacharjee	Associate		\$42.61		
	Associate		\$40.56		
TOTAL HOURS		1476	TOTAL DIRECT LABOR		\$64,904.98
MULTIPLIERS					
ESCALATION @		(Rate)			
OVERHEAD @		74.47% (of Total Direct Labor + Escalation)		\$48,334.74	
PAYROLL ADDITIVES @		90.34% (of Total Direct Labor + Escalation)		\$58,635.16	
TOTAL MULTIPLIERS				\$106,969.90	
OTHER DIRECT EXPENSES *** Billed at Actual Cost ***					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
Reimbursables	1	LS	\$500.00	\$500.00	
Public meeting Mailouts	1	EA	\$2,400.00	\$2,400.00	
Add Printing Costs Complex EA	4	Review	\$2,500.00	\$10,000.00	
Add Printing Costs - BIA	2	Review	\$2,500.00	\$5,000.00	
TOTAL OTHER DIRECT EXPENSES				\$17,900.00	
OUTSIDE SERVICES (w/o fee)					
COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL	
TOTAL OUTSIDE SERVICES					
FEES					
OUTSIDE SERVICES ADMIN FEE @		(of Total Outside Services & Outside Services Fees)			
LSA ASSOCIATES, INC. @		10.00% (of Total Direct Labor + Total Multipliers)		\$17,187.49	
OUTSIDE SERVICES @		10.00% (of Total Labor + Total Multiplier for Outside Service)			
TOTAL FEES				\$17,187.49	
TOTAL COST				\$206,962.37	

COMPANY: Geocon Consultants, Inc.		SCOPE OF WORK Geotechnical/Hazardous Materials		DATE: 4/1/2015	REV: 1
PROJECT: I-10 Banning Bypass				MILESTONE/PHASE/PROJ SUMMARY: All Phases	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS		RATE	AMOUNT
	Senior Geologist / Engineer	2	@	\$40.00	\$80.00
	Project Geologist / Engineer	38	@	\$31.50	\$1,197.00
	Staff Geologist / Engineer	28	@	\$28.00	\$784.00
	Drafting			\$25.00	
	Word Processor / Admin	6	@	\$24.00	\$144.00
TOTAL HOURS		74		TOTAL DIRECT LABOR	\$2,205.00
MULTIPLIERS					
ESCALATION @		(Rate)			
OVERHEAD @		86.33% (of Total Direct Labor + Escalation)			\$1,903.58
PAYROLL ADDITIVES @		76.40% (of Total Direct Labor + Escalation)			\$1,684.62
TOTAL MULTIPLIERS					\$3,588.20
OTHER DIRECT EXPENSES *** Billed at Actual Cost ***					
ITEM	QUANTITY	UNIT		UNIT COST	AMOUNT
Driller		ea		\$8,000.00	
Seismic Refraction Survey		ea		\$5,000.00	
Laboratory Testing		ea		\$3,000.00	
ODC - Database Report		ea		\$200.00	
TOTAL OTHER DIRECT EXPENSES					
OUTSIDE SERVICES (w/o fee)					
COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL	
TOTAL OUTSIDE SERVICES					
FEEES					
OUTSIDE SERVICES ADMIN FEE @		(of Total Outside Services & Outside Services Fee			
GEOCON CONSULTANTS, INC		10.00% (of Total Direct Labor + Total Multipliers)			\$579.32
OUTSIDE SERVICES @		10.00% (of Total Labor + Total Multiplier for Outside Serv			
TOTAL FEES					\$579.32
TOTAL COST					\$6,372.52

COMPANY: Analytical Environmental Services		SCOPE OF WORK Tribe/BIA/Cultural Resources		DATE: 4/1/2015	REV: 1
PROJECT: I-10 Banning By Pass				MILESTONE/PHASE/PROJ SUMMARY: All Phases	

DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	@	RATE	AMOUNT
	Ryan Sawyer	22	@	\$50.00	\$1,100.00
	Archeologist	46	@	\$50.00	\$2,300.00
	WP/Graphics	4	@	\$40.00	\$160.00
	Administrative Staff			\$25.00	
	Proj Mngr/Arch			\$50.00	
TOTAL HOURS		72		TOTAL DIRECT LABOR	\$3,560.00

MULTIPLIERS		
ESCALATION @	(Rate)	
OVERHEAD @	44.85% (of Total Direct Labor + Escalation)	\$1,596.66
PAYROLL ADDITIVES @	72.54% (of Total Direct Labor + Escalation)	\$2,582.42
TOTAL MULTIPLIERS		\$4,179.08

OTHER DIRECT EXPENSES *** Billed at Actual Cost ***					
ITEM	QUANTITY	UNIT	@	UNIT COST	AMOUNT
Travel	1	LS	@	\$1,500.00	\$1,500.00
TOTAL OTHER DIRECT EXPENSES					\$1,500.00

OUTSIDE SERVICES (w/o fee)				
COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL
TOTAL OUTSIDE SERVICES				

FEES		
OUTSIDE SERVICES ADMIN FEE @	(of Total Outside Services & Outside Services Fees)	
ANALYTICAL ENVIRONMENT/	10.00% (of Total Direct Labor + Total Multipliers)	\$773.91
OUTSIDE SERVICES @	10.00% (of Total Labor + Total Multiplier for Outside Service)	
TOTAL FEES		\$773.91
TOTAL COST		\$10,012.99

COMPANY: dBf		SCOPE OF WORK Noise Analysis		DATE: 4/1/2015		REV: 1	
PROJECT: I-10 Banning By Pass				MILESTONE/PHASE/PROJ SUMMARY: All Phases			
DIRECT LABOR							
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT			
Jeff Fuller	Noise Expert	16	@ \$195.00	\$3,120.00			
Steve Fiedler	Project Acoustician	52	@ \$145.00	\$7,540.00			
Amanda Fiedler	WP/Graphics	6	@ \$115.00	\$690.00			
		TOTAL HOURS	74	TOTAL DIRECT LABOR		\$11,350.00	
MULTIPLIERS							
ESCALATION @		(Rate)					
OVERHEAD @		(of Total Direct Labor + Escalation)					
PAYROLL ADDITIVES @		(of Total Direct Labor + Escalation)					
						TOTAL MULTIPLIERS	
OTHER DIRECT EXPENSES *** Billed at Actual Cost ***							
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT			
						TOTAL OTHER DIRECT EXPENSES	
OUTSIDE SERVICES (w/o fee)							
COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL			
						TOTAL OUTSIDE SERVICES	
FEES							
OUTSIDE SERVICES ADMIN FEE @		(of Total Outside Services & Outside Services Fees)					
DBF @		(of Total Direct Labor + Total Multipliers)					
OUTSIDE SERVICES @		(of Total Labor + Total Multiplier for Outside Service)					
						TOTAL FEES	
						TOTAL COST	
						\$11,350.00	

COMPANY: Simon Wong Engineering		SCOPE OF WORK Bridge Engineering Services		DATE: 4/1/2015	REV: 1
PROJECT: I-10 Banning Bypass				MLESTONE/PHASE/PROJ SUMMARY: All Phases	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT	
	Project Manager	2	@ \$70.20	\$140.40	
	Senior Engineer	13	@ \$61.20	\$795.60	
	Associate Engineer	44	@ \$37.77	\$1,661.88	
	Assistant Engineer		\$32.41		
	Senior Technician	16	@ \$54.00	\$864.00	
	Principal Engineer		@ \$91.99		
	Engineering Intern		@ \$20.00		
TOTAL HOURS		75	TOTAL DIRECT LABOR	\$3,461.88	
MULTIPLIERS					
ESCALATION @		(Rate)			
OVERHEAD @		159.42% (of Total Direct Labor + Escalation)		\$5,518.93	
PAYROLL ADDITIVES @		(of Total Direct Labor + Escalation)			
TOTAL MULTIPLIERS				\$5,518.93	
OTHER DIRECT EXPENSES *** Billed at Actual Cost ***					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
Reproduction & Delivery Costs	1	LS	\$50.00	\$50.00	
TOTAL OTHER DIRECT EXPENSES				\$50.00	
OUTSIDE SERVICES (w/o fee)					
COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL	
TOTAL OUTSIDE SERVICES					
FEES					
OUTSIDE SERVICES ADMIN FEE @		(of Total Outside Services & Outside Services Fees)			
SIMON WONG ENGINEERING	10.00%	(of Total Direct Labor + Total Multipliers)		\$898.08	
OUTSIDE SERVICES @		(of Total Labor + Total Multiplier for Outside Services)			
TOTAL FEES				\$898.08	
TOTAL COST				\$9,928.89	

Appendix C2 - Budget

COMPANY: Kimley-Horn and Associates, Inc.	SCOPE OF WORK Preliminary Engineering/Environmental					DATE: 4/1/2015	REVISION: 1
PROJECT: I-10 Banning Bypass						MILESTONE/PHASE/PROJECT SUMMARY: Phase 1	

TASK	Project Manager	Senior Engineer	QC/Senior Engineer	Senior Drainage Engineer	Senior Traffic Engineer	Professional II	Professional I	Junior Professional	Analyst	CADD Designer	Admin Support	Senior Landscape Architect	Senior Noise Specialist	TOTAL	Fee
Total Manhours	162	378		20	4	316	212	26	262	50				1,430	
Factored Hourly Rate	\$258	\$204		\$159	\$209	\$132	\$103	\$128	\$93	\$173				\$191	
Tribal Lands	41,777	77,046		3,175	837	41,613	21,789	3,340	24,404	8,648				###	
PES	4	24					20							48	\$222,631
BIA Cooperating Agency	4	20						16						40	\$7,978.98
Biological Survey/ Area		2												2	\$7,163.67
Alternative North of UPRR															\$407.65
Additional Analysis	4	10		6		24	20		4					68	\$9,610.93
Additional Engineering Effort															
Two Interim Designs	8	10		6	4	24	60	10	4					126	\$16,875.84
Half Width Bridge analysis															
Cost Estimates	6	12		8		4	20		4					54	\$8,218.08
Complex EA															
Complex EA	8	40												48	\$10,216.12
Additional Public Meeting															
Additional Public Meeting	16	24					10							50	\$10,045.76
NADR															
NADR	4	18				42	40		8					112	\$15,087.66
Additional Noise Analysis for CEQA															
Additional Noise Analysis for CEQA	2	8												10	\$2,146.38
Visual Impact Analysis															
Visual Impact Analysis	2	14				60	10		8	50				144	\$21,691.56
Grant Writing															
Grant Writing	24	24				162			190					400	\$50,111.91
Project Management															
Project Management	12	48							40					100	\$16,604.06
PDT Meetings															
PDT Meetings	24	60					16							100	\$20,063.26
Coordination meetings (20)															
Coordination meetings (20)	24	24												48	\$11,081.02
Agency Coordination															
Agency Coordination	20	40					16		4					80	\$15,327.78
															\$222,630.68

Appendix C2 - Budget

COMPANY: USA Associates, Inc.	SCOPE OF WORK Environmental		DATE: 4/1/2015	REVISION: 1
PROJECT: I-10 Banning Bypass			MILESTONE/PHASE/PROJECT SUMMARY: All Phases	

TASK	Lyn Catherine	Lyn Hoyes	Emily Planner	Staff Planner	Cultural Principal	Cultural Principal	Bi Principal	Bi Associate	Bi PM	AO Principal	AO Staff	Word Processor	Graphics	Sanjivan Bhatnagar	Sean McNamee	TOTAL	TOTAL FEE
Total Manhours	390	260	120	8	157	250	6	60	117	108	1,476						

TASK	Lyn Catherine	Lyn Hoyes	Emily Planner	Staff Planner	Cultural Principal	Cultural Principal	Bi Principal	Bi Associate	Bi PM	AO Principal	AO Staff	Word Processor	Graphics	Sanjivan Bhatnagar	Sean McNamee	TOTAL	TOTAL FEE
Tribal Lands																	
PES	32		20									10	20			82	\$11,556
Biological Survey Area																	
Expand Delineation Area - Survey	1						1	10								12	\$1,145
Expand Burrowing Owl Survey area	1						1	14								16	\$1,482
Repeat owl survey 3 more times in expanded area	1						4	42								47	\$4,199
GIS data and mapping	1						1	4								6	\$640
BIA Cooperating Agency	20		20							8						48	\$7,220
Alternatives North of UPRR																	
Analysis and Report	80		40	24								30	30			204	\$28,043
Additional Engineering Effort																	
Reduced Cost Alternatives	26		20													46	\$7,598
Half Width Bridge analysis	4		4													8	\$1,300
Complex EA																	
Complex EA	120		120	80								40	40			400	\$53,466
Desert Tortoise Survey	1		2				40	40								83	\$8,635
Additional Bio Surveys - two years	8						80	120								208	\$21,167
Revision to Corps Delineation	5						30	20				5	10			70	\$7,629
Additional Public Meeting Support and Attend	20			16								8	8			52	\$6,553
Climate Change	2		2							6	60	4				74	\$8,993
Project Management																	
Project Management	12											12				24	\$3,276
PDT Meetings	24															24	\$4,392
Agency Coordination	32		32				8									72	\$11,771
Total																	\$189,062

Appendix C2 - Budget

COMPANY:		SCOPE OF WORK:		DATE:	REVISION:				
Analytical Environmental Services		Tribe/BIA/Cultural Resources		4/7/2015	1				
PROJECT:		MILESTONE/PHASE/PROJECT SUMMARY:							
I-10 Banning Bypass		All Phases							
TASK	Principal It	Ryan Sawyer	Archaeologist	WP/GIS/Arch	Administrative Staff	Proj Mngt/Arch			TOTAL
		22	46	4					72
Total Manhours									
BIA Coordination									
Meetings (4)		16	16	4					36 \$4,288.67
Conference calls (4)		6	6						12 \$1,434.77
Geotechnical Monitoring			24						24 \$2,866.55
									\$8,512.99

Appendix C2 - Budget

COMPANY:	SCOPE OF WORK						DATE:	REVISION:
DEF:	Noise Analysis						4/1/2015	1
PROJECT:	I-10 Banning Bypass						MILESTONE/PHASE/PROJECT SUMMARY: All Phases	
TASK	Jrnl Feeder	Slave Feeder	Attitude Feeder	TOTAL				
Total Manhours				16	52	6	74	
Tribal Lands								
Additional Noise Analysis	4	16	2					22
NADR	12	36	4					52
								\$3,330.00
								\$6,020.00

Appendix C2 - Budget

COMPANY: Simon Wong Engineering	SCOPE OF WORK Bridge Engineering Services					DATE: 4/1/2015	REVISION: 1
PROJECT: I-10 Banning Bypass						MILESTONE/PHASE/PROJECT SUMMARY: All Phases	

Task	Project Manager	Senior Engineer	Associate Engineer	Assistant Engineer	Senior Technician	Principal Engineer	Engineering Intern	TOTAL
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Total Manhours 2 13 44 16 75

Additional Engineering								
Advance Planning Study	2	12	40		16			70
Cost Estimate		1	4					5



NOTICE OF DETERMINATION
COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT

EA No.42730

SCH# 2014101018

PROJECT NAME: Squaw Mountain Road Bridge Repair Project

DESCRIPTION AND LOCATION: The Squaw Mountain Road Bridge Repair Project includes repair of the bridge by lining the channel bottom below the bridge with concrete, connecting the concrete-lined channel to the existing bridge abutments, placing ¼ ton of riprap on the upstream and downstream sides of the concrete-lined portion of the channel and installing riprap slope protection on the northwest slope. An existing asphalt access road will also be extended approximately 40 feet.

There is also a side tributary to Coldwater Wash that was previously realigned for the Painted Hills Development Project and was intended to flow adjacent to Squaw Mountain Road before entering the wash. As a result of significant degradation of the channel wash, the side channel has head cut back from the wash and is now eroding into the slope of Squaw Mountain Road and needs to be stabilized. The proposed repairs would consist of regrading the upper portion of the channel to the appropriate elevation, leaving this portion of the channel as a natural drainage. Flow would be directed to a basin before entering into a pipe that would outlet at the base of the slope in Coldwater Wash.

The Squaw Mountain Road Bridge Repair Project is located in Temescal Canyon, adjacent to Interstate 15 in southwestern Riverside County. The project site consists of the Squaw Mountain Road Bridge where it crosses Coldwater Wash and an adjacent small tributary; the closest cross street is Temescal Canyon Road.

1. The project will not have a significant effect on the environment.
2. A Mitigated Negative Declaration (MND) was adopted for this project pursuant to the provisions of CEQA.
3. A Mitigation Monitoring and Reporting Plan was adopted by the Board of Supervisors.

The Final MND may be examined, along with administrative record, at the Transportation Department, 4080 Lemon Street, 8th fl, Riverside, California 92501.

Mary Zamboni (for)
 Russell Williams

Title Environmental Division
 Manager

Date 7/15/15

Patricia Romero
 Juan C. Perez

Title Director of Transportation &
 Land Management Agency

Date 8/31/15

HEARING BODY ASSISTANT

Transportation

ACTION ON PROJECT

XX Board of Supervisors
 _____ Planning Commission

_____ Approval
 _____ Disapproval

Date: _____

Verifying:

Title:

Date:

For County Clerk Use