

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



**ITEM: 3.22
(ID # 14940)**

MEETING DATE:
Tuesday, May 18, 2021

FROM : TLMA-TRANSPORTATION:

SUBJECT: TRANSPORTATION AND LAND MANAGEMENT AGENCY/TRANSPORTATION:
Ratify and Approve Amendment No. 3 to the Engineering Services Agreement between the County of Riverside and Kimley-Horn and Associates, Inc. for Engineering and Environmental Services on the Interstate 10 Bypass: Banning to Cabazon Project in the Cabazon Area. District 5. [\$357,661 Amendment No. 3 Cost, \$3,637,802 Total Contract Cost - Local Funds 100%]

RECOMMENDED MOTION: That the Board of Supervisors:

1. Ratify and Approve Amendment No. 3 to the Engineering Services Agreement for I-10 Bypass Preliminary Engineering and Environmental Services Between the County of Riverside, Transportation Department and Kimley-Horn and Associates, Inc. to add additional services, extend the current schedule and increase the budget to cover the additional services, and authorize the Chair of the Board to execute the same.

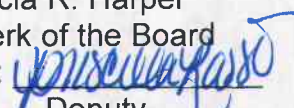
ACTION:Policy


Mark Lancaster, Director of Transportation 4/28/2021

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Spiegel, seconded by Supervisor Perez and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Spiegel, Washington, Perez, and Hewitt
Nays: None
Absent: None
Date: May 18, 2021
xc: Transp.

Kecia R. Harper
Clerk of the Board
By: 
Deputy

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

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost
COST	\$ 268,246	\$ 89,415	\$ 3,637,802	\$ N/A
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ N/A
SOURCE OF FUNDS: Gas Tax (100%). No General Funds are used on this project.			Budget Adjustment: No	
			For Fiscal Year: 20/21-22/23	

C.E.O. RECOMMENDATION: Approve

BACKGROUND:

Summary

On February 28, 2012 (Item 3-60), the County of Riverside Board of Supervisors (Board) approved the Engineering Services Agreement between the County of Riverside Transportation Department (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 Interstate 10 (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, and to provide a local road connection between Banning and 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.

The Board approved Amendment No. 1 to the Agreement on September 22, 2015 (Item 3-28) to modify the contract scope to conduct additional studies required for a Complex Environmental Assessment and additional alternative analysis.

The Board approved Amendment No. 2 to the Agreement on May 21, 2019 (Item 3-38) due to costs associated with recirculation of the environmental document.

Amendment No. 3 to the Agreement is needed to cover the cost of services to complete the environmental document. Additional services include Section 7 consultations and preparing Biological Assessments, updated Determination of Biologically Equivalent or Superior Preservation (DBESP), updated Initial Site Assessment, and preparation of the Final Environmental Impact Report/Complex Environmental Assessment, including responses to agency comments and agency coordination. The additional services are estimated at \$357,661, including a 10% contingency. Final environmental approval is anticipated in late 2021.

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

The Transportation Department is requesting that the amendment be ratified to extend the termination date of the agreement from December 31, 2020 to December 31, 2022, or completion of the Environmental phase of the project, whichever is sooner.

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 Banning and Palm Springs 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

Amendment No. 3 proposes to increase the budget by \$357,661.

Current Contract	\$3,280,141
Amendment No. 3	<u>\$ 357,661</u>
Total Contract	\$3,637,802

Amendment No. 3 contract will be funded 100% by Gas Tax. No General Funds will be used on this project.

ATTACHMENTS:

Vicinity Map
Amendment No. 3



Jason Farin, Principal Management Analyst

5/12/2021



Gregory T. Priamos, Director County Counsel

5/6/2021

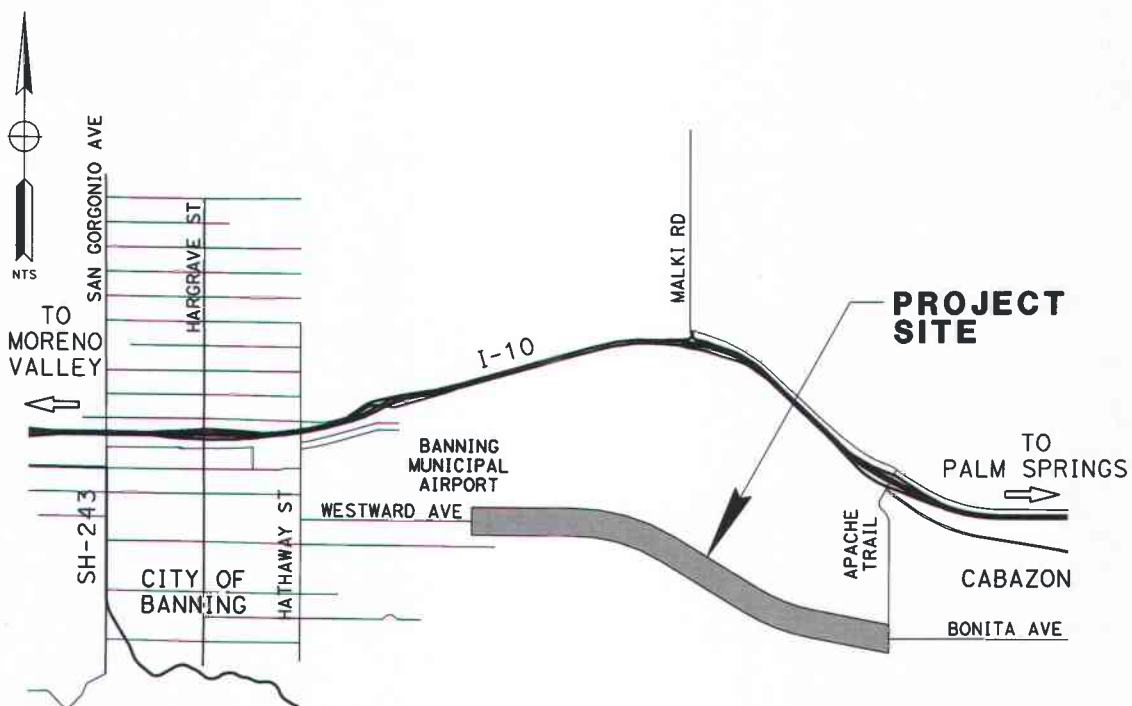
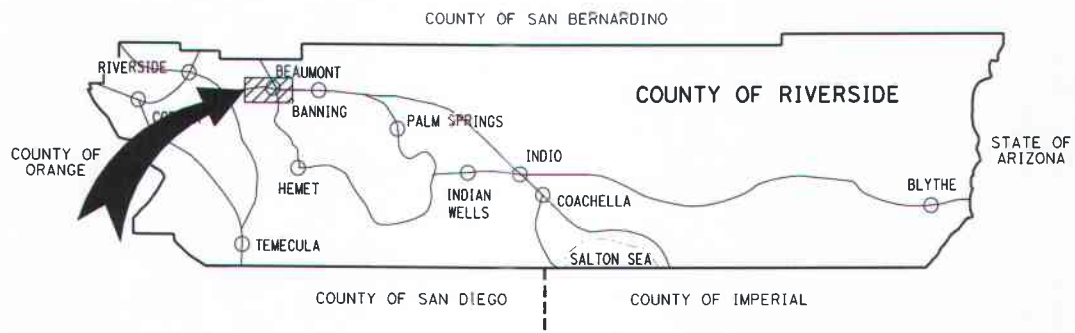
COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT

I-10 BYPASS

BYPASS FROM BANNING TO CABAZON

CITY OF BANNING

PROJECT No. B7-0776



VICINITY MAP

TOWNSHIP 38 RANGE 1E SECTION 10
COUNTY ROAD BOOK PAGE No. 139

I-10 BY PASS PRELIMINARY ENGINEERING AND ENVIRONMENTAL SERVICES

AMENDMENT NO. 3 TO THE ENGINEERING SERVICES AGREEMENT FOR I-10 BY PASS PRELIMINARY ENGINEERING AND ENVIRONMENTAL SERVICES BETWEEN COUNTY OF RIVERSIDE • TRANSPORTATION DEPARTMENT AND KIMLEY-HORN AND ASSOCIATES, INC.

THIS AMENDMENT NO. 3 (hereinafter referred to as "Amendment") to the Engineering Services Agreement for 1-10 By Pass Preliminary Engineering and Environmental Services is made and entered into as of this 18th day of May, 2021, by and between the County of Riverside, a political subdivision of the State of California, on behalf of its Transportation Department (hereinafter referred to as "COUNTY") and Kimley-Horn and Associates, Inc., a North Carolina corporation, (hereinafter referred to as "ENGINEER").

RECITALS

- A. COUNTY and ENGINEER have entered into an agreement entitled "Engineering Services Agreement for I-10 By Pass Preliminary Engineering and Environmental Services between County of Riverside • Transportation Department and Kimley-Horn and Associates, Inc." that is dated February 28, 2012 (hereinafter referred to as "Agreement") and amended on September 22, 2015 and May 21, 2019. 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 to add additional services, extend the current schedule, and increase the budget to cover the additional services as follows:

Original Authorization: \$2,321,744

Authorized by Amendment No. 1: \$523,333

Authorized by Amendment No. 2: \$435,064

Authorized by Amendment No. 3: \$357,661(including contingency)

Revised Total Authorization: \$3,637,802

MAY 18 2021 3.22

AGREEMENT

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

1. To amend the second sentence of Article VI • Compensation, Section B. Basis of Compensation, Subsection 1 to increase the not to exceed amount of the Agreement by \$357,661 to provide a new not to exceed amount of \$3,637,802, as follows: "The total amount of the contract is not to exceed \$3,637,802 and reimbursement is to be made at actual cost plus fixed fee. Totals for contractors are reflected in Appendix C3, attached hereto and incorporated by this reference."
2. To amend the Agreement to add Appendix A3 – ADDITIONAL SERVICES to include the additional services required as a result of project changes. Detailed descriptions of the additional services are provided in Appendix A3, attached hereto and incorporated by this reference. All references in the Agreement to Appendix A shall hereafter be read as referring to Appendix A and Appendix A3.
3. To amend the second sentence of Appendix B – SCHEDULE OF SERVICES, Article B1 • Introduction, to extend the project completion date from December 31, 2020 to December 31, 2022 as follows: "All Covenants set forth in this Agreement shall be completed by December 31, 2022, unless extended by supplemental agreement."
4. To amend the fourth sentence of Appendix C – BUDGET, Article CV • Cost Proposal, to increase the not to exceed amount of the Agreement by \$357,661 (\$325,146 plus a 10% contingency of \$32,515) to provide a new not to exceed amount of \$3,637,802, as follows: "The total amount of the contract is not to exceed \$3,637,802 including a \$330,642 contingency."
5. To amend Appendix C – BUDGET to add Appendix C3, attached hereto and incorporated by this reference, to set forth the costs for the additional services described in Appendix A3. All references in the Agreement to Appendix C shall hereafter be read as referring to Appendix C and Appendix C3.
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 and amended on September 22, 2015 and May 21, 2019 shall remain in full force and effect between the parties hereto.
7. This Amendment shall be effective as of December 31, 2020.

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3 8. Each party to this Amendment agrees to the use of electronic signatures, such as digital signatures that meet
4 the requirements of the California Uniform Electronic Transactions Act ("CUETA") Cal. Civ. Code §§ 1633.1 to
5 1633.17), for executing this Amendment. The parties further agree that the electronic signatures of the parties
6 included in this Amendment are intended to authenticate this writing and to have the same force and effect as
7 manual signatures. Electronic signature means an electronic sound, symbol, or process attached to or
8 logically associated with an electronic record and executed or adopted by a person with the intent to sign the
9 electronic record pursuant to the CUETA as amended from time to time. The CUETA authorizes use of an
10 electronic signature for transactions and contracts among parties in California, including a government
11 agency. Digital signature means an electronic identifier, created by computer, intended by the party using it to
12 have the same force and effect as the use of a manual signature, and shall be reasonably relied upon by the
13 parties. For purposes of this section, a digital signature is a type of "electronic signature" as defined in
14 subdivision (i) of Section 1633.2 of the Civil Code.

15 [Signature Page Follows]
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I-10 BY PASS PRELIMINARY ENGINEERING AND ENVIRONMENTAL SERVICES

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

COUNTY Approvals

RECOMMENDED FOR APPROVAL:

Mark Lancaster Dated: 5-13-21

MARK LANCASTER

Director

APPROVED AS TO FORM:

County Counsel

Danielle Maland Dated: 5/5/21

Danielle Maland

Deputy County Counsel

APPROVAL BY THE BOARD OF SUPERVISORS

Karen S. Spiegel Dated: 05/18/21

KAREN SPIEGEL

PRINTED NAME

Chair, Riverside County Board of Supervisors

ATTEST:

Kecia R. Harper Dated: 05/18/21

KECIA R. HARPER

Clerk, Board of Supervisors

ENGINEER Approvals

ENGINEER:

Dennis Landaal Dated: 5/5/2021

Dennis Landaal, PE

PRINTED NAME

Sr. Vice President

TITLE

ENGINEER:

Darren Adrian Dated: 5/5/2021
Digitally signed by Darren Adrian, PE
(CA 96, No. 9, 0110)
Date: 2021.05.05 17:18:54 -0700

Darren Adrian, PE

PRINTED NAME

Secretary

TITLE

APPENDIX A3 - ADDITIONAL SERVICES

The following is a detailed description of the additional services:

Task 1 Biological Assessments and Section 7 Consultations

The original scope did not include Section 7 consultations and preparing Biological Assessments (BAs), as the federally listed as endangered, coastal California Gnatcatcher (CAGN) was not known to be present within the Biological Study Area (BSA) at that time. Amendment No. 2 added the following support tasks for Section 7 Consultation for the desert tortoise: Drafting Federal Endangered Species Act (FESA) Section 7 initiation letters to initiate Section 7 consultation with USFWS (one letter for Caltrans and one letter for the Tribe); two meetings/coordination with the project team, Caltrans, Bureau of Indian Affairs (BIA), and USFWS; and providing previously prepared reports, species observation locations, shapefiles and maps of the proposed site disturbances. Amendment No. 2 did not address preparing BAs. Two BAs are now required to be prepared: 1) BA for the BIA to address impacts to desert tortoise and CAGN on tribal land; and 2) BA to address impacts to desert tortoise and CAGN in compliance with the CVMSHCP.

These changes require the following additional work:

1.1 Prepare a Biological Assessment on CVMSHCP Lands

Prepare a Biological Assessment (BA) within the portions of the BSA that lie within the Coachella Valley Multiple Species Conservation Plan (CVMSHCP) in accordance with applicable USFWS guidelines. The BA will be prepared using the template available on Caltrans' Standard Environmental Reference webpage. As required, the BA will include:

- A description of the action being considered and identification of the action area;
- A description of CAGN habitat that may be directly or indirectly affected by the action;
- An evaluation of direct, indirect, and cumulative project effects on CAGN;
- Identification of efforts to avoid or minimize project effects;

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- A description of compensatory mitigation measures that have been identified to offset impacts of the project.

Graphics within the report will show the site location, vegetation and habitat distribution, CAGN sightings, and the project's Preferred Alternative, Alternative 12. In addition, relevant reports such as environmental documents, biological reports, and other relevant studies or other information available on the action, the affected listed species, or critical habitat will be appended to the report.

Prepare a draft version of the BA for review by the COUNTY and Caltrans. We anticipate addressing consolidated comments and preparing a final BA for Caltrans' submittal to the USFWS. Coordinate with the COUNTY and Caltrans in responding to requests for additional information from the USFWS.

Meetings and Coordination

We anticipate that meetings and coordination with the COUNTY, Caltrans, and USFWS will be required as part of BA preparation and review process. We anticipate up to two meetings and coordination via telephone, e-mail, and mail.

1.2 Prepare a Biological Assessment for Tribal Lands

Prepare a BA within the portions of the BSA that lie within the boundaries of tribal lands in accordance with applicable USFWS guidelines. The BA will be prepared according to the template provided by the Bureau of Indian Affairs (BIA). We anticipate the following:

- A description of the action being considered and identification of the action area;
- A description of CAGN and desert tortoise habitat that may be directly or indirectly affected by the action;
- An evaluation of direct, indirect, and cumulative project effects on CAGN and desert tortoise;
- Identification of efforts to avoid or minimize project effects;
- A description of compensatory mitigation measures that have been identified to offset impacts of the project.

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2 Graphics within the report will show the site location, vegetation and habitat distribution, CAGN sightings,
3 suitable habitat for CAGN and desert tortoise and the project's Preferred Alternative, Alternative 12. In
4 addition, relevant reports such as environmental documents, biological reports, and other relevant studies
5 or other information available on the action, the affected listed species, or critical habitat will be appended
6 to the report.

7 Prepare a draft version of the BA for review by the COUNTY and the BIA. We anticipate addressing
8 consolidated comments from the COUNTY and BIA, and preparing a final BA for BIA's submittal to the
9 USFWS. Coordinate with the COUNTY and BIA in responding to requests for additional information from
10 the USFWS.

11 Meetings and Coordination

12 We anticipate that meetings and coordination with the COUNTY, BIA, and USFWS will be required as
13 part of BA preparation and review process. We anticipate up to two meetings and coordination via
14 telephone, e-mail, and mail.

15 1.3 Support for Abbreviated Section 7 Consultation for WRMSHCP

16 An abbreviated Section 7 Consultation for CAGN is now required. This requires three new deliverables
17 that were not included in Amendment No. 2: 1) updating the NES by Errata, 2) assisting the COUNTY in
18 preparing a letter to USFWS/CDFW with an update on CAGN sighting locations and proposed measures
19 to address CAGN, and, 3) providing new exhibits showing species observation locations, shapefiles, and
20 maps of the proposed site disturbances.

21 Task 2. Framework DBESP

22 The original scope of work anticipated a standard Determination of Biologically Equivalent or Superior
23 Preservation (DBESP) based on the template available from the RCA at that time.

24 RCA released an updated DBESP template format in 2018. This required an update to the Draft DBESP
25 and additional items beyond the original scope including:
26

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- Conform general document format order of discussion to match new template;
- Organize discussion of impacts and mitigation to match template for Riverine/Riparian and Los Angeles Pocket Mouse (LAPM);
- Add discussion of project design and minimization measures to reduce indirect effects for Riverine/Riparian;
- Add analysis of functions and values for LAPM habitat on site;
- Add discussion of avoidance and minimization measures for LAPM habitat;
- Add discussion of mitigation for temporary impacts, including on-site and off-site options; and
- Add discussion of measures to reduce indirect effects to LAPM habitat.

In a meeting with RCA and Resource Agencies on 12/19/2019, we were requested to provide additional elements that do not follow the standard DBESP due to mitigation properties not being identified at this time.

This more extensive DBESP, referred to as a "Framework DBESP" contained the following additional items:

- Identify criteria for mitigation lands for off-site LAPM mitigation;
- Provide descriptions of three offsite mitigation options, including discussion of functions and values of each;
- Determine mitigation ratio for each off-site mitigation option and support these by relating them to on-site LAPM habitat quality. Add sections comparing functions and values of impact areas with areas at mitigation sites to justify their use as mitigation and support mitigation ratios.

The direction for the initial Draft DBESP was to include both build alternatives since the preferred alternative had not been selected yet due to recirculation of the DEIR/EA. This required the following additional updates not anticipated in our original scope of work:

- Describe selection process for alternative 12;
- Revise table of parcel numbers to reflect the revised project area and to exclude tribal lands;
- Revise project description to eliminate Alternative 5 and reflect selection of Alternative 12;

- Revise figures and site photographs to conform to reduced project area;
- Revise tables and discussions of impacts for Riverine/Riparian to eliminate Alt 5;
- Revise tables and discussions of impacts for LAPM to eliminate Alt 5;
- Revise per COUNTY comments of 2/12/20, including clarification on 90 percent avoidance;
- Verify and correct as needed all calculations, including impacts.

We anticipate addressing up to two rounds of consolidated comments from the COUNTY and no changes to the Project description and plans. A copy of the report will also be sent to the Western Riverside County MSHCP Biological Monitoring Program as required under the Western Riverside Multiple Species Habitat Conservation Plan (MSHCP). Copies of the Framework DBESP will be provided to the CDFW and USFWS for a 60-day review and response period.

Task 3. RCA and CVCC Meetings and Coordination

During the process of developing responses to RCA and Coachella Valley Conservation Commission (CVCC) comments on the project and the DBESP, the Project Team realized the benefit of additional coordination with the RCA and CVCC to develop solutions that work for all parties to keep the Project moving forward. This requires effort beyond our original scope of work.

This task encompasses attendance at up to five additional RCA meetings and two meetings with the CVCC with related preparation, travel, coordination time and follow-up actions.

Task 4. Response to Agency Comments

Our original scope included preparing responses to comments on the Draft EIR/EA circulated for public review. After the decision to recirculate the Draft EIR/EA, the text was revised in chapters and sections of the Draft EIR/EA to address comments received during public review of the Draft EIR/EA. Responses would be prepared on the Recirculated Draft EIR/EA and previous comments on the Draft EIR/EA if requested by the commenter, with comments on the Recirculated Draft EIREA. This resulted in multiple resource agencies and members of the public noting that all previous comments on the Draft EIR/EA

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2 applied and they then provided many pages of new comments. This scenario was not anticipated or
3 described in the scope of work and resulted in nearly double the comments anticipated within our original
4 scope of work.

5 Task 5. County Counsel Review

6 Responding to the COUNTY Attorney's comments included two rounds of review of the responses to
7 comments.

8 Task 6. TCWG Review and Determination

9 The Transportation Conformity Working Group (TCWG) determination referenced in the Draft Final
10 EIR/EA was received in 2014. Caltrans has determined that updating the TCWG determination is
11 warranted due to the passage of time (6 years). Passage of time is the result of other items and
12 complexities arising on the project as described in this Amendment.

13 Prepare an updated Interagency Consultation form to support the TCWG review to satisfy PM Hot-Spot
14 Analysis requirements. Once the TCWG review is completed and a determination published, review the
15 Air Quality Conformity Analysis report to make any updates needed based on the findings of the TCWG.
16 We anticipate one TCWG meeting via teleconference.

17 We anticipate that the TCWG will again determine that the project is not a project of air quality concern
18 (POAQC), in which case, the Air Quality Conformity Analysis will be updated to refer to the new
19 determination date. Therefore, this scope assumes the preparation of a quantitative PM10 and PM2.5
20 Hot-Spot assessment would not be required.

21 Task 7. Project Management/Admin Extension

22 The addition of BA's, additional Section 7 Consultations and a more complex DBESP will extend the
23 schedule approximately fourteen months. This will require additional coordination meetings, weekly calls
24 and follow-up on action items. It will also require additional subconsultant management and schedule
25 monitoring.

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2 Task 8. Updated ISA

3 The Caltrans Initial Site Assessment Guidelines Document indicates that an ISA should be updated if it is
4 over one year old. We will update the ISA dated February 2016 to be current with completing efforts for
5 environmental clearance. The ISA will be conducted in general accordance with the American Society for
6 Testing and Materials (ASTM) Standard Practice E 1527-13.

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8 Task 9. Additional Caltrans Review

9 With the addition of Biological Assessments and Section 7 Consultations as described in Task 1, there is
10 a desire to implement measures to prevent the schedule from extending further. Caltrans District 8 has
11 agreed to do an initial review of the FEIR/EA to help resolve any outstanding items prior to any additions
12 required as part of the Section 7 Consultations. This task covers the additional effort for these reviews in
13 order to maintain a shorter schedule.

14 Task 10. Prepare Findings, Statement of Overriding Considerations, and COUNTY Board Resolution

15 This task is for preparing the Board of Supervisors Resolution to certify the Final EIR; adopt the Findings,
16 Statement of Overriding Considerations, and Mitigation Monitoring and Reporting Program (MMRP); and,
17 approve the project. The Draft Resolution will be prepared consistent with the format of the example
18 resolution provided by the COUNTY. Per the example, the CEQA Findings and Statement of Overriding
19 Considerations will be included in the Board Resolution.

20 The level of effort for this task assumes the Resolution will contain the following:

- 21 1. Introduction describing the project and discussions of the NOP distribution and distribution of the
22 Draft EIR and the Draft Recirculated EIR;
- 23 2. Discussion of the environmental topics with no impacts based on the responses to the CEQA
24 Checklist questions, including supporting information and documentation and thresholds used to
25 make the no impact determination;
- 26 3. Discussion of environmental topics with less than significant impacts (same scope as item 2 above)

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including documenting the conditions;

4. Discussion of mitigations and the MMRP including impacts that are less than significant, thresholds, standard conditions and mitigation measures;
5. Discussion of cumulative impacts including findings;
6. Discussion of significant unavoidable impacts that cannot be mitigated, a discussion of the alternatives including the no project alternative, a discussion of build alternatives considered but eliminated from further consideration, and a discussion of the environmentally superior alternative;
7. Discussion of growth inducing impacts and environmental effects;
8. Discussion of the elements of the General Plan that would be implemented by the project;
9. Discussion of Irreversible changes as a result of the project;
10. Discussion regarding the accuracy of the EIR and that it is in compliance with CEQA;
11. Discussion of Board adoption of the Statement of Overriding Considerations and the MMRP;
12. The location of the Final certified EIR document.

This task assumes the following reviews of the Draft and Final Resolution:

- One round of review by Kimley-Horn for the draft resolution;
- One round of review by COUNTY staff for the draft resolution;
- Two rounds of review by County Counsel (one for the draft and one for the final);

We assume comments on the resolution will be provided in Track Changes in the Word document. A complete, clean PDF will be provided for the final submittal to the COUNTY.

APPENDIX C3 - BUDGET

12/15/2020

I-10 Bypass - Preliminary Engineering and Environmental Services
 Amendment 3
 Summary by Firm and Task

Task	Kimley-Horn Hours	Kimley-Horn Cost	LSA Hours	LSA Cost	Geocon Hours	Geocon Cost	Total Hours	Total labor	Expenses	Total
1. BA's and Section 7 Consultations	33	\$7,602.90	646	\$97,371.94			679	\$104,974.84	\$700.00	\$105,674.84
2. Framework DBESP	22	\$5,214.89	177	\$24,683.04			199	\$29,897.93		\$29,897.93
3. RCA and CVCC Meetings and Coord	15	\$3,405.02	50	\$8,012.54			65	\$11,417.56	\$150.00	\$11,567.56
4. Response to Agency Comments	14	\$3,619.74	160	\$25,455.10			174	\$29,074.84		\$29,074.84
5. County Attorney Review	7	\$1,809.87	67	\$11,115.75			74	\$12,925.62		\$12,925.62
6. TCWG Review and Determination	2	\$508.51	29	\$3,751.62			31	\$4,260.13		\$4,260.13
7. Project Management/Admin Extension	199	\$48,061.69	210	\$33,941.75			409	\$82,003.45	\$2,000.00	\$84,003.45
8. Updated ISA	5	\$1,301.36			76	\$6,488.12	81	\$7,789.48		\$7,789.48
9. Additional Caltrans Review	7	\$1,809.87	84	\$10,726.73			91	\$12,536.60		\$12,536.60
10. SOC/Board Resolution	18	\$4,197.88	136	\$23,217.93			154	\$27,415.81		\$27,415.81
Total Labor		\$77,531.72		\$238,276.42		\$6,488.12				
Expenses		\$2,500.00		\$350.00					\$2,850	
Totals		\$80,031.72		\$238,626.42		\$6,488.12		\$322,296.25	\$2,850.00	\$325,146.25

COMPANY: Kimley-Horn and Associates, Inc.	SCOPE OF WORK Project Summary	DATE: 12/15/2020	REV:
PROJECT: I-10 Bypass Preliminary Engineering and Environmental Services		MILESTONE/PHASE/PROJ SUMMARY: All Phases	

DIRECT LABOR

PERSONNEL	FUNCTION	HOURS		RATE	AMOUNT
Dennis Landaal, PE	Project Manager	53	@	\$88.53	\$4,692.09
Darren Adrian, PE	Senior Engineer	218	@	\$79.16	\$17,256.88
	QC/ Senior Engineer			\$79.16	
Sam McWhorter, PE	Senior Drainage Engineer			\$62.49	
	Senior Traffic Engineer			\$70.00	
	Professional II			\$55.00	
	Professional I	30	@	\$45.00	\$1,350.00
	Junior Professional			\$35.00	
	Analyst			\$35.00	
	CADD Designer			\$40.00	
	Admin Support	21	@	\$40.00	\$840.00
	Senior Landscape Architect			\$76.00	
		TOTAL HOURS			
		322		TOTAL DIRECT LABOR	\$24,138.97

MULTIPLIERS

OVERHEAD @	154.79% (of Total Direct Labor)	\$37,364.71
PAYROLL ADDITIVES @	37.20% (of Total Direct Labor)	\$8,979.70
TOTAL MULTIPLIERS		\$46,344.41

OTHER DIRECT EXPENSES *** Billed at Actual Cost ***

ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT
Office Expense	1	LS	\$2,500.00	\$2,500.00
TOTAL OTHER DIRECT EXPENSES				\$2,500.00

OUTSIDE SERVICES

COMPANY	TOTAL	
LSA Associates, Inc.	\$238,626.42	
Geocon Consultants, Inc.	\$6,488.12	
Analytical Environmental Services		
Galvin Preservation Associates, Inc.		
Kleinfelder		
KOA Corporation		
Wiltec		
The Tait Group, Inc.		
dBf		
TOTAL OUTSIDE SERVICES		\$245,114.53

FEES

KIMLEY-HORN AND ASSOCIATES, INC. @	10.00% (of Total Direct Labor + Total Multipliers)	\$7,048.34
OUTSIDE SERVICES @	(of Total Labor + Total Multiplier for Outside Service:	
TOTAL FEES		\$7,048.34
TOTAL COST		\$325,146.25

COMPANY: LSA		SCOPE OF WORK Environmental		DATE: 12/15/2020		REV:	
PROJECT: I-10 Bypass Preliminary Engineering and Environmental Services				MILESTONE/PHASE/PROJ SUMMARY All Phases			
DIRECT LABOR							
PERSONNEL	FUNCTION	HOURS		RATE		AMOUNT	
Rob McCann	Principal	63	@	\$115.83		\$7,297.29	
King Thomas	Associate (Env Mgr)	311	@	\$57.69		\$17,941.59	
Abby Annicchiarico	Assistant Env Planner	102	@	\$26.52		\$2,705.04	
Jodi Ross-Borrego	Principal (Bio)	255	@	\$55.29		\$14,098.95	
John Ko	Associate (Bio)	556	@	\$54.60		\$30,357.60	
Ron Brugger	Senior AQ Staff	28	@	\$41.82		\$1,170.96	
Lauren Johnson	Document Management	64	@	\$29.94		\$1,916.16	
Chantik Virgil	Document Management	70	@	\$29.60		\$2,072.00	
Meredith Canterbury	GIS	94	@	\$41.25		\$3,877.50	
Irma Rojas	Production Staff	16	@	\$22.69		\$363.04	
TOTAL HOURS		1559		TOTAL DIRECT LABOR		\$81,800.13	
MULTIPLIERS							
ESCALATION @		(Rate)				\$0.00	
OVERHEAD @		74.47% (of Total Direct Labor + Escalation)				\$60,916.56	
PAYROLL ADDITIVES @		90.34% (of Total Direct Labor + Escalation)				\$73,898.24	
TOTAL MULTIPLIERS						\$134,814.79	
OTHER DIRECT EXPENSES #REF!							
ITEM	QUANTITY	UNIT		UNIT COST		AMOUNT	
Mileage	1	EA		\$350.00		\$350.00	
TOTAL OTHER DIRECT EXPENSES						\$350.00	
OUTSIDE SERVICES (w/o fee)							
COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL			
TOTAL OUTSIDE SERVICES						\$0.00	
FEES							
OUTSIDE SERVICES ADMIN FEE @		(of Total Outside Services & Outside Services Fees)				\$0.00	
LSA @		10.00% (of Total Direct Labor + Total Multipliers)				\$21,661.49	
OUTSIDE SERVICES @		10.00% (of Total Labor + Total Multiplier for Outside Service)				\$0.00	
TOTAL FEES						\$21,661.49	
TOTAL COST						\$238,626.42	

COMPANY: Geocon Consultants, Inc.		SCOPE OF WORK Geotechnical/Hazardous Materials		DATE: 12/15/2020	REV: 1
PROJECT: I-10 Banning Bypass				MILESTONE/PHASE/PROJ SUMMARY: All Phases	
DIRECT LABOR					
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT	
	Senior Geologist / Engineer	6	@ \$40.00	\$240.00	
	Project Geologist / Engineer	22	@ \$31.50	\$693.00	
	Staff Geologist / Engineer	40	@ \$28.00	\$1,120.00	
	Drafting		\$25.00		
	Word Processor / Admin	8	@ \$24.00	\$192.00	
		TOTAL HOURS	76	TOTAL DIRECT LABOR	\$2,245.00
MULTIPLIERS					
ESCALATION @		(Rate)			
OVERHEAD @	86.33%	(of Total Direct Labor + Escalation)		\$1,938.11	
PAYROLL ADDITIVES @	76.40%	(of Total Direct Labor + Escalation)		\$1,715.18	
				TOTAL MULTIPLIERS	\$3,653.29
OTHER DIRECT EXPENSES *** Billed at Actual Cost ***					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT	
Driller		ea			
Seismic Refraction Survey		ea			
Laboratory Testing		ea			
ODC - Database Report		ea			
				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)		\$589.83	
OUTSIDE SERVICES @	10.00%	(of Total Labor + Total Multiplier for Outside Service)			
				TOTAL FEES	\$589.83
				TOTAL COST	\$6,488.12

COMPANY: Kimley-Horn and Associates, Inc.		SCOPE OF WORK Preliminary Engineering/Environmental			DATE: 12/15/2020	REVISION:
PROJECT: I-10 Bypass Preliminary Engineering and Environmental Services				MILESTONE/PHASE/PROJECT SUMMARY: All Phases		

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	TOTAL
Total Manhours	53	218					30				21		322
1. BA's and Section 7 Consultations													
1.1 Prepare BA on CVMSHCP Lands	1	8					4						13
1.2 Prepare BA For BIA Tribal Lands	1	8					4						13
1.3 Support for Abbreviated Section 7 Consultation	1	6											7
2. Framework DBESP	2	16					4						22
3. RCA and CVCC Meetings and Coord	1	10					4						15
4. Response to Agency Comments	2	12											14
5. County Attorney Review	1	6											7
6. TCWG Review and Determination		2											2
7. Project Management/Admin Extension													
Project Management	12	48									21		81
Weekly Coord Calls	20	60											80
Coordination meetings (5)	8	20					10						38
8. Updated ISA	1	4											5
9. Additional Caltrans Review	1	6											7
10. SOC/Board Resolution	2	12					4						18

COMPANY:		SCOPE OF WORK		DATE:		REVISION:					
LSA Associates, Inc.		Environmental		12/15/2020							
PROJECT:				MILESTONE/PHASE/PROJECT SUMMARY:							
I-10 Bypass Preliminary Engineering and Environmental Services				All Phases							
TASK	Rob McCann	King Thomas	Abby Annicchiarico	Jodi Reas-Borrego	John Ko	Ron Brugger	Lauren Johnson	Chantik Virgil	Meredith Canterbury	Irma Rojas	TOTAL
Total Manhours	63	311	102	255	556	28	64	70	94	16	1,559
Factored Hourly Rate	\$337.40	\$168.05	\$77.25	\$161.05	\$159.04	\$121.82	\$87.21	\$86.22	\$120.16	\$66.09	
1. BA's and Section 7 Consultations											
1.1 Prepare BA on CVMSHCP Lands	6	20	4	40	160		16	16	24	4	290
1.2 Prepare BA For BIA Tribal Lands	6	20	4	40	160		16	16	24	4	290
1.3 Support for Abbreviated Section 7 Consultation	4	8		20	20			6	4	4	66
2. Framework DBESP											
	4	10	2	45	48		20	20	24	4	177
3. RCA and CVCC Meetings and Coord											
				30	20						50
4. Response to Agency Comments											
	6	30	4	20	80		4	4	12		160
5. County Attorney Review											
	4	25	6	6	26						67
6. TCWG Review and Determination											
	1	2	2			24					29
7. Project Management/Admin Extension											
	16	100	40	30	24						210
9. Additional Caltrans Review											
	4	16	24	6	8	4	8	8	6		84
10. Statement of Overriding Considerations/Board Resolution											
	12	80	16	18	10						136

COMPANY: Geocon Consultants, Inc.		SCOPE OF WORK Geotechnical/Hazardous Materials				DATE: 12/15/2020	REVISION: 1
PROJECT: I-10 Banning Bypass		MILESTONE/PHASE/PROJECT SUMMARY: All Phases					

TASK	Sr. Geologist/ Engineer	Project Geologist/Engr	Staff Geologist/Engr	Drafting	Word Processor/Admin n								TOTAL
Total Manhours	6	22	40		8								76
Factored Hourly Rate	\$115.60	\$91.04	\$80.92	\$72.25	\$69.36								

ISA Update													
Update Report	6	22	40		8								76