AMENDMENT NO. 5 TO

NAPA COUNTY AGREEMENT NO. 240200B

PROFESSIONAL SERVICES AGREEMENT

THIS AMENDMENT NO. 5 TO AGREEMENT NO. 240200B (Amendment No. 5) is made and entered into as of this 3rd day of June, 2025, by and between NAPA COUNTY, a political subdivision of the State of California (COUNTY) and Kimley-Horn and Associates, Inc., a North Carolina Corporation whose business address is 2121 S. El Camino Real, Suite 550, San Mateo, CA 94430, hereinafter referred to as "CONTRACTOR." COUNTY and CONTRACTOR are collectively referred to in this Amendment No. 5 as "Parties."

RECITALS

WHEREAS, COUNTY and CONTRACTOR entered into Agreement No. 240200B (Agreement) on November 7, 2023, for CONTRACTOR to prepare environmental and bid documents, assist with right-of-way acquisition, and provide other professional services related to a segment between Yountville and St. Helena of the Napa Valley Vine Trail (Vine Trial), a cycling and pedestrian pathway; and

WHEREAS, the services to be provided by CONTRACTOR are divided into twelve tasks, only the first seven of which (Task Nos. 1-7) are funded and authorized by COUNTY to commence; and

WHEREAS, the Parties amended the Agreement on December 28, 2023, to allow CONTRACTOR to prepare plat maps, for use in discussions with property owners about obtaining access for the Vine Trail, work which is currently included in Task No. 9; and

WHEREAS, the Parties amended the Agreement on April 9, 2024, to allow CONTRACTOR to support preparing a Safe Streets and Roads for All grant application, collect bicycle and pedestrian counts for grant applications, value engineer the cost estimate, perform additional utility mapping, and prepare alternatives exhibits for use in discussions with property owners along the Vine Trail; and

WHEREAS, the Parties amended the Agreement on May 24, 2024, with a budget increase of \$178,111.68 to allow CONTRACTOR to support preparing an environmental impact report (EIR) for the Project instead of the mitigated negative declaration (MND) in the Agreement; and

WHEREAS, the Parties amended the Agreement on September 10, 2024, to allow CONTRACTOR to support preparation of an Active Transportation Infrastructure Investment Program (ATIIP) grant application, perform additional traffic data collection and property boundary work, participate in stakeholder meetings, expand the Natural Environment Study and wetland survey for an alternative alignment, revise the Area of Potential Effect Map to comply

Amendment No. 5 Agreement No. 240200B with new Caltrans requirements, design additional railroad crossings, and prepare the 65% plans, specifications and estimate (Task 10); and

WHEREAS, the Parties desire to amend the Agreement to allow CONTRACTOR move part of the budget for the 65% plans, specifications and estimate (Task 10) to complete additional engineering and environmental studies, and change the NEPA document from a Categorical Exclusion (CE) to an Environmental Assessment (EA) to include Alternative Alignment 4 (mostly Tasks 4, 5 and 6); and

WHEREAS, this amendment will not increase the Maximum Amount of the Agreement or extend the Agreement's term; and

WHEREAS, COUNTY and CONTRACTOR now wish to amend the Agreement to update the scope of work and move the compensation rates between tasks.

TERMS

NOW, THEREFORE, for good and valuable consideration, the sufficiency of which is hereby acknowledged, the Parties hereby amend Agreement No. 240200B as follows:

1. Paragraph 2 "Scope of Work" is hereby amended to read in full as follows:

Scope of Work. CONTRACTOR shall provide COUNTY those services set forth in Exhibit "A," Exhibit "A-1," Exhibit "A-2," Exhibit "A-3," and Exhibit "A-4" attached hereto, in accordance with the RFP and CONTRACTOR's proposal, incorporated by reference herein. Because the funds necessary to complete the project have not been secured, the Scope of Services for this Agreement currently consists only of Tasks 1 through 7 as set forth in CONTRACTOR's proposal, excluding any optional tasks, preparation of the plat maps described in Task 9, preparation of an EIR, preparation of the 65% PS&E in Task 10, and additional grant support in Task 12. COUNTY and CONTRACTOR intend to amend this Agreement to add the remaining tasks as funding for the services becomes available. CONTRACTOR shall perform the services in accordance with the "schedule of work" set forth in CONTRACTOR's proposal, as adjusted by the dates COUNTY and CONTRACTOR amend the Agreement to add the remaining tasks in CONTRACTOR's proposal.

2. Paragraph 3 "Compensation" is hereby amended to read in full as follows:

Compensation.

- (a) <u>Rates.</u> In consideration of CONTRACTOR's fulfillment of the promised work, COUNTY shall pay CONTRACTOR at the hourly billing rates set forth in Exhibit "B," Exhibit "B-1," Exhibit "B-2," Exhibit "B-3," and Exhibit "B-4" attached hereto and incorporated by reference herein.
- (b) <u>Expenses.</u> Travel and other expenses will be reimbursed by COUNTY upon submission of an invoice in accordance with Paragraph 4 at the rates and/or in

Amendment No. 5

Agreement No. 240200B

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accordance with the provisions set forth in Exhibit "B," Exhibit "B-1," Exhibit "B-2," Exhibit "B-3," and Exhibit "B-4."

- (c) <u>Maximum Amount.</u> Notwithstanding subparagraphs (a) and (b), the maximum payments under this Agreement shall not exceed FOUR MILLION, ONE HUNDRED AND EIGHTY THOUSAND, SIX HUNDRED AND TWENTY-EIGHT DOLLARS AND FIFTY CENTS (\$4,180,628.50), consisting of FOUR MILLION, NINETY-ONE THOUSAND, NINE HUNDRED AND NINETY-THREE DOLLARS AND FIFTY-ONE CENTS (\$4,091,993.51) for Tasks 1 through 7, the plat maps described in Task 9, and the 65% design in Task 10, and EIGHTY-EIGHT THOUSAND, SIX HUNDRED AND THIRTY-FOUR DOLLARS AND NINETY-NINE CENTS (\$88,634.99) for expenses; provided, however, that such amounts shall not be construed as guaranteed sums, and compensation shall be based upon services actually rendered and reimbursable expenses actually incurred.
- (d) Annual Appropriation of Funds. CONTRACTOR acknowledges that the term of this Agreement may extend over multiple County fiscal years, and that compensation under this Agreement is contingent on the Board of Supervisors appropriating funding for this Agreement for those fiscal years. This Agreement may be terminated at the end of the fiscal year for which sufficient funding is not appropriated and authorized. COUNTY is not obligated to pay CONTRACTOR, nor is CONTRACTOR obligated to provide further services, if sufficient funds have not been appropriated and authorized by the Board of Supervisors.
- 3. This Amendment No. 5 represents all the changes to the Agreement agreed to by the parties. No other enforceable oral representations or other agreements have been made by the parties except as specifically stated herein. All other provisions of the Agreement not addressed in this Amendment No. 5 shall remain in full force and effect.
- 4. This Amendment No. 5 may be executed in counterparts, which when taken together, shall constitute a single signed original as though all parties had executed the same page.

[REMAINDER OF PAGE LEFT BLANK INTENTIONALLY]

Amendment No. 5 Agreement No. 240200B **IN WITNESS WHEREOF**, the parties hereto have executed this Amendment No. 4 to Napa County Agreement 240200B as of the date written on the first page of this Amendment.

KIMLEY-HORN AND ASSOCIATES, INC.

DocuSigned by:
By: COASTROCTACEBAAA
MIKE MOWERY
Sr. Vice President
Signed by:
By: John Pulliam
JOHN PULLIAM, Assistant Secretary
NAPA GOVERNMENT AND A SECOND
NAPA COUNTY, a political subdivision of
the State of California
D
Ву:
ANNE COTTRELL, Chair

APPROVED AS TO FORM	APPROVED BY THE NAPA COUNTY	ATTEST: NEHA HOSKINS
Office of County Counsel	BOARD OF SUPERVISORS	Clerk of the Board of Supervisors
By: <u>Ryan FitzGerald (e-sign)</u> Deputy County Counsel	Date:Processed By:	Ву:
Date: May 16, 2025	Deputy Clerk of the Board	

Board of Supervisors

This amendment includes scope of services related to changing the NEPA document from a Categorical Exclusion (CE) to an Environmental assessment (EA). It includes scope to study Alternative 4 in the environmental technical studies as part of the EA. This amendment also includes additional scope related to Caltrans engineering coordination and additional technical study work not related to Alternative 4.

The changes to existing tasks, and new tasks, are described below. This amendment does not represent or contain original scope of services as modified through the previous amendments.

This amendment will be funded by transferring funds from other tasks already approved and under contract. The scope of work associated with those unfunded or underfunded tasks will be modified or not performed until such time as additional funding is provided via a future amendment. The budget total for Amendment 5 is a transfer of \$636,782 from other tasks in the agreement and amendments.

Budget and scope changes to fund this amendment are as follows:

- Task 10.4.1 Draft Pathway PS&E (65%): \$110,000 will be reallocated from this task to cover Amendment 5 work. This will result in either a delay to the completion of 65% PS&E or a reduction in scope for 65% PS&E. Our team will work to prioritize work associated with determining right-of-way needs, utility conflicts, Caltrans coordination, and CPUC coordination/permitting.
- <u>Task 10.6.1 Draft Structures PS&E (65%):</u> The complete budget of \$137,097.78 will be reallocated to Amendment 5 work. Scope associated with this task will be delayed until additional funding is provided.
- <u>Subconsultants and Direct Expenses:</u> The remaining budget of \$300,000 will be reallocated from VSCE's budget and Direct Expenses. VSCE's support of 65% design and other Project Management support will be delayed until additional funding is provided.

TASK 2 – DATA COLLECTION

TASK 2.1.1 – Additional Data Collection & Review (New Task)

This task includes time for staff to visit the site to assess existing conditions and constraints as part of laying out the alignment of Alternative 4.

TASK 2.3.1 – Supplemental Surveys (New Task)

Based on preliminary Vine Trail Alternate Alignment No. 4 (which spans from Madison Street to Dwyer Road) prepared by Kimley Horn and, RSA+ will prepare a constraints map utilizing Napa County aerial images focused on potential environmental impacts identified in the field for Alternate Alignment 4 only.

a. Review the latest version of the preliminary alignment for Alternate 4 prepared by Kimley-Horn to understand constrained areas and potential environmental impacts.

- b. Using the alignment provided by Kimley Horn, RSA+ will walk the alternate alignment from Madison Street to Dwyer Road, approximately 1.8 miles in length. The purpose of this walk is to make observations and take field notes to provide trail adjustment recommendations based on the alignment constraints and opportunities using engineering judgment. Call-outs of identified constraints will be shown on the constraint map. This would include drainage channels or culverts, utility conflicts if visible from the surface, trees, intersections, and private improvements such as driveways, walls, and statues. Impacts beyond the provided alternative alignment will not be considered. The collected information, including any recommendations, will be put in AutoCAD only and submitted to client as an AutoCAD file.
- c. Attend one (1), half-day office meeting with Kimley Horn to review and go over the constraints that were identified during the site walk and any trail alteration recommendations.

Task 2.3.1 Deliverables

• Schematic drainage design in AutoCAD file

TASK 3 – PROJECT STUDY REPORT – PROJECT DEVELOPMENT

TASK 3.1.2 Additional Preliminary Engineering (New Task)

In addition to the original scope of this task, the Consultant spent additional effort after the PSR-PDS was approved, meeting with the County and Coalition to discuss alternative alignments, develop a strategy for studying those additional alignments as part of the environmental and engineering scope, and meeting with Caltrans to discuss the environmental and engineering approach. This task involves coordinating people and resources to manage the expanded scope, developing a revised project schedule, and holding additional meetings with the stakeholders to agree on the environmental and engineering process.

TASK 4 – ENGINEERING STUDIES AND PROJECT REPORT

Since the execution of Amendment 4 and the approval of the PSR-PDS by Caltrans on October 3rd, the scope for the NEPA document has changed from a CE to an EA and the Project's environmental studies will now study an additional alternative. Based on the outcome from the meeting with Caltrans, the County, and the Consultant on November 15, 2024, Caltrans requires the engineering studies and Project Report to evaluate only the locally preferred alternative, referred to as Alternative 1. Additional alternatives from the environmental analysis do not need to be evaluated in the engineering studies and Project Report unless the Project selects another alternative after the completion of the environmental analysis. Therefore, it is assumed that the Project Report and related studies will only be prepared for Alternative 1, as originally scoped.

As described in the tasks below, one (1) additional build alternative will be studied for the purposes of and to a sufficient level of detail to support the environmental analysis. The additional build alternative, referred to as 'Alternative 4,' begins near Madison Street and runs along the east side of State Route (SR) 29 approximately 1.9 miles north of Dwyer Road to the Cardinale driveway. The County accepts the risks of needing to develop engineering studies and Project Report to evaluate Alternative 4, should the Project select Alternative 4 as the preferred alternative at the conclusion of the environmental analysis.

TASK 4.1.1 – Additional Bicycle and Traffic Studies (New Task)

In regard to the one (1) additional build alternative, Kimley-Horn will conduct intersection operational analysis, signal warrant assessments, and Intersection Control Evaluation (ICE) for both the current (existing) conditions and future conditions with and without the project.

Task 4.1 Deliverables:

- Traffic sections for environmental document (additional build alternative 4)
- Traffic data for intersection improvements in State right of way (additional build alternative 4)

TASK 4.2.1 – Additional Geometric Layouts, Typical Sections and Profiles (New Task)

The Consultant will now prepare the geometrics for one (1) additional build alternative in sufficient detail to support the preparation of the environmental studies. The additional build alternative, referred to as 'Alternative 4,' begins near Madison Street and runs along the east side of State Route (SR) 29 approximately 1.9 miles north of Dwyer Road to the Cardinale driveway.

As part of this task, the Consultant shall evaluate and refine the geometrics of Alternative 4 to meet the purpose and need while considering cost, traffic operations, safety, design exceptions, environmental impacts, right-of- way and utility relocation requirements.

The Consultant shall develop 1"=20' preliminary layout plans for Alternative 4 that indicates lane, shoulder, horizontal control, structure locations, wall locations, striping, signage, cut/fill limits, existing utilities and drainage systems, and right-of-way requirements in CADD format. The Consultant shall develop typical cross sections and a profile of the new and modified alignment for Alternative 4 to be reviewed by Caltrans and further studied by the environmental studies.

Subtask 4.2 Deliverables:

- Geometric base mapping ("dgn" format) (additional build alternative 4)
- Preliminary Plan and Profile (1"=20' scale)("pdf" format) (additional build alternative 4)
- Preliminary Typical Section Plans ("pdf" format) (additional build alternative 4)

TASK 4.3 - Engineering Studies

4.3.11.1: Additional Cost Estimate (New Task)

Consultant will prepare an order of magnitude Capital Outlay Project Estimate for the additional build alternative (Alternative 4) consistent with Caltrans requirements for PA/ED. Costs will be based on mapping and design data developed for this project alternative. The preliminary opinion of probable cost will be presented in the Caltrans 11-page format. The opinion of probable cost will be developed to provide a detailed breakdown of the capital civil services. It would also include the cost of support needed for the PS&E and construction phase of the Project.

Task 4.3 Deliverables:

• Alternative 4 – Cost Estimate (11 Page)

TASK 4.4.1 – Additional Project Study Limit Maps (New Task)

Kimley-Horn coordinated with the Client iteratively to prepare several versions of the study limit maps in response to Client comments. This iterative design process was related to evolving project alignments at the direction of the Client. As a result, Kimley-Horn performed out of scope work to achieve a 'final APE map'. This Amendment 5 includes the out-of-scope effort previously performed.

Kimley-Horn will update the study limits map to include Alternative 4. This task assumes Kimley-Horn will prepare two drafts of the study limits map (i.e. Area of Direct Effects, or ADI), including one round of Client review. Kimley-Horn will provide the ADI files to the cultural subconsultants to prepare the updated APE map. Kimley-Horn will review the updated APE map for accuracy. This task also includes Kimley-Horn time to meet with Caltrans staff to review the updated APE and Kimley-Horn staff coordination time to facilitate an updated, approved APE map.

Subtask 4.4.1 Deliverables

• Adequate Project Study Limits and Impact Maps for initiation of Environmental Studies for build alternative and Alternative 4

TASK 4.6 – Draft Project Report (Additional Scope)

Beyond the original scope for this task, the Consultant will briefly describe the rejected additional build alternative (Alternative 4) in the Draft Project Report and explain the factors resulting in the selection of Alternative 1 as the locally preferred alternative.

TASK 4.7 - Project Report (Additional Scope)

Additional effort is included to address comments related to the additional build alternative as part of completing the Project Report as originally scoped.

TASK 4.8 – Supplemental Project Report (New Task)

As part of this additional task, the Consultant will prepare a Supplemental Project Report at the conclusion of NEPA EA approval as required by Caltrans, to obtain final signatures by Caltrans and conclude the PA&ED phase of the project. The Consultant assumes that the Supplemental Project Report will be limited to coordination with Caltrans to obtain signatures on a supplemental cover sheet, and that no edits will be required to the body of the Project Report itself. It is assumed that the engineering studies will not be updated as part of this task.

TASK 5 - ENVIRONMENTAL STUDIES AND DRAFT ENVIRONMENTAL DOCUMENTS

TASK 5.1 - Public & Agency Scoping/Meeting (Additional Scope)

This scope assumes that recirculation of the CEQA Notice of Preparation (NOP) will not be required. This scope assumes that Caltrans will not require a public meeting to support the NEPA Environmental Assessment (EA) document.

In preparation for the CEQA NOP Scoping meeting, Kimley-Horn staff performed out of scope Page 4 of 12

work to prepare a presentation that went through multiple rounds of review and revisions with the Client ahead of the Scoping meeting. This effort is included in this Amendment 5.

TASK 5.2 – Revise Environmental Technical Studies (New Tasks and Additional Scope)

Conduct environmental studies to complete the required documentation for California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) clearance for the Project. This task includes the following technical studies to support the EIR and NEPA EA. This scope assumes that the Project Description and design, including Alternative 4 is settled and will not change. Kimley-Horn environmental staff time for consideration of design changes or options is excluded from this scope of work. No additional rounds of review are included as part of this scope of work, beyond the original scope.

• Community Impact Assessment (CIA) Memorandum

This report will be updated to include Alternative 4. No additional rounds of revisions are anticipated, and no additional community impact concerns are anticipated to be associated with Alternative 4. If there are community impacts identified for Alternative 4 requiring additional coordination or evaluation, the effort may be larger than is included with this scope of work.

- Section 4(f) Evaluation

 Based on input from Caltrans, we assume no update is needed to this report.
- Natural Environment Study

Kimley-Horn will coordinate with LSA to update the NES to include the additional wetland delineation information, the botanical survey information, and Alternative 4 analysis. The additional Kimley-Horn staff time included in this amendment is related to the additional coordination with LSA related to these items and additional review of the updated NES.

LSA will update the Natural Environmental Study figures and text to include the Alternative 4 alignment (as provided via a kmz file on November 27, 2024), the updated trail alignment (as provided via kmz files on December 2, 2024, and the GIS shape files on December 5, 2024), and the methods/results of the botanical surveys.

Botanical Surveys (New). LSA will conduct focused botanical surveys for special-status plant species and sensitive natural communities along the project trail alignment footprint, including the Alternative 4 alignment. The survey area will include the trail alignment according the kmz files provided via email on November 27, December 2, 2024, and January 31, 2025, and GIS shape files provided on December 5, 2024. The surveys will be conducted in the early spring through summer of 2025 and would include up to three survey periods. Three days with two botanists would be needed for the early spring and late spring surveys and two days with two botanists would be needed for the summer survey. The objective of the surveys will be to determine presence or absence of special-status species and sensitive natural communities and to quantify/map the extent and distribution of the

species/communities. All plant species detected on the site during the surveys will be identified to the extent necessary to determine rarity and listing status, following the naming conventions of the online Jepson eFlora database. In addition, LSA will record and map vegetation communities conforming to the 2nd edition of the Manual of California Vegetation.

• Wetland Delineation Report

Jurisdictional Delineation Report (JDR). LSA will update the preliminary wetland delineation and JDR for the project. LSA will update the draft JDR report to encompass additional areas that will be delineated along the proposed trail alignment, including the Alternative 4 alignment and portions of the JDR study area that have shifted since the time of the original delineation.

• Archaeological Survey Report

The scope presents an amendment to the original scope of work prepared for the Yountville and St. Helena segment of the Napa Valley Wine Trail. This scope covers several tasks that exceeded the originally budgeted amount due to multiple rounds of APE map production, review and comment, a higher than anticipated CHRIS record search cost, the need to order additional PDFs of studies and resources not originally included in the LSA record search data, and changes to the ADI/APE including the addition of Alternative 4 and associated record search, survey, and reporting costs. At the request of Caltrans this amendment includes a scope to prepare an Extended Phase I proposal in anticipation of the need for XPI investigation due to the high number of previously identified archaeological resources within the APE. Amendments to the existing tasks are as follows:

• Area of Potential Effect (APE) Map

This task includes two subtasks. The first addresses costs incurred during the development of the current signed Area of Potential Effects (APE) map, including multiple extended coordination meetings; multiple rounds of review by staff at Kimley Horn, the County, and Caltrans local assistance cultural resources coordinator; and coordination with JRP for the built environment resources and ADI design changes. Additionally, we have included a subtask to cover anticipated work to revise the APE map based on the addition of Alternative 4 and the results of the archaeological and built environment surveys.

To produce the final APE map, Pacific Legacy will work with Kimley Horn, the County, and Caltrans to revise and submit a project APE map for the Caltrans local assistance cultural resources coordinator to review. We assume the APE will be revised based on the results of the archaeological and built environment surveys and to include Alternative 4. The final APE maps should be approved and signed by the Caltrans cultural reviewer and Caltrans local assistance engineer.

This task assumes that two additional rounds of review and changes will take place to create a final approved APE for inclusion in the ASR, HRER, and HSPR. If an Extended Phase I (XPI) investigation is required, this may result in changes to one or more resource boundaries, which would require APE map revisions. Budget for this additional APE map work would be included in a future XPI fieldwork and reporting budget amendment.

• Records Search and Native American Consultation

This task includes costs incurred exceeding what was originally budgeted for the CHRIS record search. Pacific Legacy requested a supplemental record search from the NWIC, which included all the shapefiles from the LSA record search and full record search results for areas outside of the LSA APE and buffer. This record search cost \$2,000.00 more than originally budgeted. Additionally, Pacific Legacy has examined the results of this data and identified reports and resource PDFs that are needed to complete the archaeological survey and ASR as well as an additional record search buffer area needed due to the addition of Alternative 4. These will be requested and we have included \$1,500.00 of additional costs to cover this and the additional record search buffer area for the Alternative 4 alignment.

The processing of these record search materials for the report and APE production has been a quite involved due to the large number of built environment and archaeological resources and previous studies. Extra care was taken to review the previous studies for archaeological resources as many have been excavated and may therefore will inform the survey results and may reduce the scope of the anticipated XPI investigation. This is reflected in the additional time required to process the record search and will be integrated into the ASR and critical for the planning of the XPI.

Deliverable: Results of the records search will be included in the ASR.

Archaeological Inventory Survey

Survey will be conducted at areas that have not previously been surveyed and all previously recorded site locations will be visited by Pacific Legacy and inspected. One additional day of survey and site recording was added to address Alternative 4. Based on the record search results we assumed one resource will require updating and no more than one new resource will be identified and recorded on California Department of Parks and Recreation (DPR) DPR 523 forms. Additional time to record/update this resource was not included as the original budget assumed up to 10 resources to be updated. Our record search results indicated that up to 13 resources may need to have updates prepared due to the age of the records that are over 20 years old. The additional of survey also includes time for three up minor dates.

New archaeological resources will have to be recorded on DPR Forms 523. Once recorded, any known or newly discovered cultural resources within the APE may need to be evaluated for listing in the California Register of Historical Resources (CRHR) and/or the National Register of Historic Places (NRHP) under a separate scope.

Archaeological Survey Report (ASR)

Additional draft and final ASR preparation was included due to the addition of Alternative 4, which will require revisions to the document already in preparation. The report will include maps, archaeological site location data (if relevant), photographic documentation, and other graphics as needed. This also includes additional time to prepare the extra site record updates.

Deliverable: Draft and Final Archaeological Survey Report.

Prepare Extended Phase I (XPI) Proposal (New)

An XPI Proposal will be prepared in advance of XPI fieldwork detailing the proposed XPI fieldwork timeline and methods. The proposal/workplan will also describe decision thresholds, the scope of work, Native American coordination, curation procedures, and include maps and figures. The methods and scope of work will be described in terms of both boundary testing of known sites adjacent to or intersecting the APE/ADI and presence or absence testing in areas of high sensitivity for buried archaeological resources. To provide an accurate scope of work and allow for coordination with Caltrans based on the results of the ASR, the XPI proposal will be drafted immediately after the submittal of the draft ASR for the Project. We assume no more than five resources will require boundary testing. The XPI Proposal will follow the format and content specified by the Caltrans Standard Environmental Reference "Exhibit 5.2. Extended Phase I Proposal (XPI) Format and Content Guide" available online at https://dot.ca.gov/programs/environmentalanalysis/standard-environmental-reference-ser/volume-2-cultural-resources. This task includes only the preparation of the draft and final testing proposal. Scope and fee for the actual testing work will be provided in a future amendment.

Deliverable: Draft and Final Proposal

Assumption: One round of review with minimal comments

• Historical Resources Evaluation Report (HRER)

JRP Historical Consulting, LLC (JRP) is under subcontract with Kimley-Horn & Associates, Inc. (Kimley-Horn) for the Vine Trail Yountville to St. Helena Project with an existing scope of work to assist with historic resources compliance documentation under Section 106 of the National Historic

Preservation Act and the California Environmental Quality Act. JRP is preparing documents for Caltrans review following Caltrans guidelines set forth in the Standard Environmental Reference (SER), Volume 2, Cultural Resources Procedures and the procedures set forth in the Programmatic Agreement Among the Federal Highway Administration, the Advisory Council on Historic Preservation, the California State Historic Preservation Officer, the United States Army Corps Of Engineers' Sacramento District, San Francisco District, and Los Angeles District, and the California Department of Transportation Regarding Compliance with Section 106 of the National Historic Preservation Act, as it pertains to the Administration of the Federal-Aid Highway Program in California (2024) (Section 106 PA). JRP is applying Section 106 PA Appendix 4 to exempt properties from evaluation, as appropriate. Tasks include providing assistance with establishing the Area of Potential Effects (APE), as it pertains to built environment resources, along with preparation of a Historical Resources Evaluation Report (HRER) and assisting with preparation of a Historic Property Survey Report (HPSR). JRP's original scope assumes that the HRER will include evaluation of built environment on up to 15 parcels with preparation of up to 15 sets of Department of Parks and Recreation (DPR) 523 forms with an evaluation under the criteria of the National Register of Historic Places (NRHP) and California Register of Historical Resources (CRHR). To date, the APE has been established and signed by Caltrans, JRP has undertaken fieldwork and research for preparation of the HRER, and JRP is preparing the HRER and its DPR 523 forms. An additional alternative has been identified (Alternative 4) between Madison Street to Dwyer Road where the trail will be constructed adjacent to State Route 29 instead of along the railroad tracks west of the highway.

The APE includes some previously identified built environment historic properties, i.e., resources listed in or eligible for listing in the NRHP, and the HRER may identify additional historic properties. The previously listed or eligible resources do not require re-evaluation, but the HRER will include descriptions of these properties, and any additional historic properties identified, along with statements regarding the significance of all historic properties. Furthermore, there are multiple archaeological sites within the APE for which Pacific Legacy, Inc. is preparing an Archaeological Survey Report (ASR) and will likely be required to conduct an Extended Phase I study to further identify the potential for the project to affect archaeological resources. It is likely that Pacific Legacy will prepare an Environmentally Sensitive Area (ESA) Action Plan that will address methodologies that the project should take to avoid causing an adverse effect to archaeological resources.

This scope of work is for a budget augmentation to address additional tasks that are not within JRP's original scope of work, as follows:

• JRP will assist with revisions to the APE to address Alternative 4.

- JRP will inventory and evaluate up to seven additional parcels that require evaluation of built resources on DPR 523 forms. These include additional parcels requiring evaluation on DPR 523 forms that are within the APE prior to the addition of Alternative 4.
- JRP, with assistance from Pacific Legacy, will prepare a Finding of Effect (FOE) report that Caltrans will require to address project impacts to built environment historic properties and project impacts to archaeological resources. The ESA Action Plan would be an attachment to the FOE. Pacific Legacy will provide input regarding sections of the FOE that address archaeological resources. The FOE is anticipated to be a Finding of No Adverse Effect.

This scope assumes no changes to the HPSR scope are necessary.

• **OPTIONAL TASK:** An optional task for JRP would be preparation of a draft Memorandum of Agreement (MOA) that could be required if the FOE results in a Finding of Adverse Effect to one or more built environment historic properties. The MOA may also need to address archaeological resources, for which Pacific Legacy would provide input. If required, the MOA would stipulate mitigation measures to address the projects adverse effect to historic properties. Caltrans and the State Historic Preservation Officer (SHPO) would be signatory parties to the MOA, with Napa County, and potentially other entities, being invited signatories. Additional entities may sign the MOA as concurring parties. (Optional Task Fee shown in fee spreadsheet)

• Water Quality Assessment Report

Using the preliminary Vine Trail Alternate Alignment No. 4 and the field walk constraint map obtained from Task 12.1, RSA+ will review and incorporate the Vine Trail Alternate 4 Alignment into the Water Quality Assessment Report. Review the field walk constraint map to identify environmental constraints to provide a narrative and proposed environmental mitigation measures to be incorporated into the Water Quality Assessment Report. Attend one (1), half-day office meeting to review and go over the revisions to the Water Quality Assessment Report with Kimley Horn.

RSA+ will update the Water Quality Assessment Report to address up to one (1) round of comments.

• Air Quality & Greenhouse Gas Analysis

It is understood that the Kimley-Horn would not be required to present the project again to the MTC Task Force. Kimley-Horn will correspond with Caltrans via email to obtain an email confirmation that Alternative 4 is also exempt from a conformity determination.

- Visual Impact Assessment (Minor, assume no visual simulations)

 This report will be updated to include Alternative 4.
- Noise Memorandum (Assume not a Type I project)

 This report will not be updated to include Alternative 4.
- Phase I Initial Site Assessment (ISA)

 This report will be updated to include Alternative 4.

The task shall include providing technical information and support to Caltrans to perform necessary resource agency consultation. The Consultant shall incorporate results of Caltrans consultation into the technical reports and/or Draft Environmental Document (DED).

TASK 5.3 - Draft Environmental Document (Additional Scope)

Amendment 5 includes additional budget associated with preparation of the First Administrative Draft EIR. Kimley-Horn staff has participated in meetings with the Client to discuss various design options being considered and has provided professional advice about the likely environmental and entitlement risks associated with various design considerations. This required out of scope effort from Kimley-Horn staff to review environmental considerations for designs not included in the Project Description.

This scope assumes that Kimley-Horn will qualitatively review Alternative 4 in the EIR, commensurate with the level of detail provided for the other alternatives. This scope excludes detailed evaluation of Alternative 4 in the EIR based on the technical reporting, and references to technical reports could be included in the EIR.

TASK 5.5 Arborist review and recommendations (New Task)

Kimley-Horn will contract with a local arborist to survey select trees along the alignment, provide a tree inventory spreadsheet, prepare an Arborist Report, and make construction recommendations related to protecting trees near the proposed trail location. We have included an estimated budget of \$34,629.95 for this work (\$4,629.95 for Kimley-Horn staff and \$30,000 for subconsultant effort). Effort beyond this, should it be necessary, can be provided for an additional fee.

Task 5.5 Deliverable:

- Arborist Report
- Spreadsheet

TASK 6.5 – Draft EA (New Task)

In the original agreement, Kimley-Horn would prepare technical studies to support a NEPA Categorical Exclusion (CE); however, Caltrans determined that an Environmental Assessment (EA) is required to study Alternative 4. Kimley-Horn will prepare a Draft EA that includes up to two project alternatives. Based on conversations with Caltrans, it is anticipated that the Draft EA would recognize one locally preferred alternative. Kimley-Horn will utilize the 'simple' EA template published on the Caltrans Standard Environmental Reference (SER) website. This task includes revisions of the Draft EA in response to up to 2 rounds of Client review and 2 rounds of

Caltrans review. This scope assumes no project description changes or changes in the technical reports would be required in response to any of the comments received. The technical reports included in Task 6 would be appended to the Draft EA. Kimley-Horn assumes Caltrans will be responsible for any publishing of the Draft EA.

Task 6.5 Deliverables:

• 1st Administrative Draft EA, Screencheck Draft EA, Public Draft EA

TASK 7 - FINAL ENVIRONMENTAL DOCUMENT

TASK 7.3 Final EA (New Task)

Consultant will prepare draft responses to Public and Agency Comments on the Draft EA and will prepare a Final EA. A comment response matrix shall be developed to aid in the development of responses. Each comment shall be responded to with a copy of the original comment. Due to the uncertain nature of how many public comments may be received, the level of effort for this task is an estimate (70 staff hours) and the Client will be billed the actual cost to complete the task. This estimate is based on the assumption that up to one (1) substantive comment letter would be received during the Draft EA public circulation period, and a small amount non-substantive comments. Further, this scope assumes that the substantive comment received on the Draft EA would be similar in nature to comments received on the Draft EIR. As such, this scope assumes that the effort to produce draft responses to comments for the Final EA utilizes the responses to comments prepared for the Final EIR. If novel comments are received on the Draft EA, the level of effort to prepare responses may require additional effort. Any additional work over the agreed upon amount will required prior approval from the Client prior to initiating work efforts.

Exhibit B-4 Napa Valley Vine Trail - Yountville through St. Helena

Agreement 240200B with Kimley-Horn Amendment 5 Summary

Task	Description	An	nount
1	Project Management for the PA&ED Phase	\$	-
2	Data Collection	\$	2,334.23
3	PSR-PDS - Project Initiation Document	\$	6,442.86
4	Engineering Studies and Project Report	\$	110,518.83
5	Environmental Studies and Draft Environmental Documents	\$	81,747.04
6	Circulate Draft Environmental Document (DED)	\$	42,189.86
7	Final Environmental Document	\$	14,143.91
8	Project Management for the ROW, PSE and DSDC Phases	\$	-
9	Right-of-Way Acquisitions	\$	-
10	Plans, Specifications and Estimates (PS&E)	\$	(279,842.20)
11	Design Services During Construction	\$	-
12	Local Assistance Procedures Manual Compliance/Funding Assistance	\$	-
	Other Direct Costs	\$	2,250.00
	Subconsultants - additional	\$	215,045.47
	Subconsultants - reduction	\$	(275,000.00)
	Optional Task 5.2.7	\$	80,170.00

Total \$

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COUNTY OF NAPA Napa Valley Vine Trail

				Amendment		EA with	5 - NEPA EA with Alt 4, Misc Other Items Kimley-Horn and Associates, Inc.	n <mark>er Items</mark> Associates, Ir	ō.						
191.24%	Overhead% Name	John le Pulliam	Emily Mohney	Peter Meyerhofer	Š.	ğ.		_		i de la companya de l		Toolealasi	G		
190.79%	Category/Title Overhead% w/o FOCM	Project Manager	-ead		ional	Professional III	Professional II	Professional I	Professional	Professional 	Analyst	Support	Support	TOTAL	TOTAL COST
10%	Fee% Dilica Data	te \$104.82	\$66.26	\$92.50	\$137.46	\$119.70	\$100.34	\$82.72	\$67.03	\$56.97	\$46.21	\$34.11	\$46.68	HOURS	
Task 1	Project Management for the PA&ED Phase (13 Months)		47.212¢	00.0024	10.0446	47007.47	14.1.200	4504.97	17.4170	9102.48	\$140.02	9108.20	\$148.0Z	\$	•
1.1	Coordination and Meetings													\$	
1.2	Management & Administration													\$	•
1.3 Tack ?	Project Controls	·	,							,	,			\$ 4	
2.1	Data Collection & Review	7	5							4	7			۰ °	2,334.23
2.1.1	Additional Data Collection & Review (New Task)	2	2							2				9	1,460.97
2.2	Bicycle and Traffic Data Collection														
2.3	emental Surv		,												
2.4	Additional Supplemental Suveys (New Task) Geometric Refinements		1							2	2			2	873.25
Task 3	Project Study Report-Project Development Support (PSR-PDS) - Project Initiation Document	2	ľ				4		10	7				28 \$	6,442.86
3.1	Preliminary Engineering													S	·
3.1.2	Additional Preliminary Engineering (New Task)	2	2				4		10	7				28 \$	6,442.86
3.2	PSR/PDS Attachments and Supplemental Documents (TEPA/ PEAR)	ţ												5, 6	1
3.3	Location map, 1719, CODD, Layouts, Nisk Register, Capital Outlay Supp. [PSR/PDS]	=												Λ •	
Task 4	Engineering Studies and Project Report	21	29			"	44	02	22	121	161			528 \$	110.518.83
4.1	Bicycle and Traffic Studies	:	5			1	.	2	:						
4.1.1	Additional Bicycle and Traffic Studies (New Task)	1	8			22		20						51 \$	15,768.34
4.2	Geometric Layouts, Typical Sections and Profiles														
4.2.1	Additional Geometric Layouts, Typical Sections and Profiles (New) Findingering Studies	1	14				20		25	40	115			215 \$	39,424.73
4.3.1	DSDD													o,	
4.3.2	Storm Water Data Report													\$	
4.3.3	Preliminary Drainage Report													\$	
4.3.4	Highway Planting Concepts (n/a)													1	
4.3.6	Night of way impact map & Data Sheet Utility Mapping and Exhibits													Λ V	
4.3.7	EPVR (OPTIONAL TASK-See below)													<u> </u>	
4.3.8	Pavement Design and Materials Report (OPTIONAL TASK-See below)														
4.3.9	Transportation Management Plan													\$	•
4.3.10	Traffic Safety Analysis Report													φ.	1
4.3.11.1	Additional Cost Estimate (New Task)		4				4		5	10	26			49 \$	8.881.52
4.3.12	Hydromodification Report (OPTIONAL TASK-See below)														
4.3.13	VMT Memo (OPTIONAL TASK-See below)														
4314	Structures Advanced Planning Studies (APS)													S	•
4.4.1	Additional Project Study Limit Maps (New Task)	16	30						40	08	00			136	97 692 86
4.5	Studies an	2	Or.						2	3	27			T	
4.6	Draft Project Report	1	2				9		2	8					
4.7	Project Report	1	1				4			8				14 \$	
4.8	Supplemental Project Report (New Task)	1	∞				10			25					
Task 5	Environmental Studies and Draft Environmental Documents	56	38						125	161	59				∞
5.1	Public & Agency Scoping/Meeting	4	9						15	15				40 \$	8,574.43
5.2.1	Community Impact Assessment (CIA)			Ì			İ		10	15	25		Ī	202	8 584 87
5.2.2	Section 4(f) Evaluation (Assume De Minimis)							_	27	3	3			UC .	
5.2.3	Natural Environment Study								4	6				13 \$	2,501.21
5.2.3.1	Expanded Natural Environmental Study														
5.2.4	Wetland Delineation Report													\$	

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COUNTY OF NAPA Napa Valley Vine Trail

Column C									Kimley-Horn and Associates, Inc.	Associates,	Inc.						
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1	5.2.5	Biological Assessment															
Control Notice Cont	5.2.5.1	Botanical Assessment (New Task)									2	6					
	5.2.6	Archaeological Survey Report									15	10	,			T	
10	5.2.8	Historic Property Survey Report									9	n 0	5			T	
1	5.2.9	Location Hydraulic Study Report									,						
1	5.2.10	Water Quality Assessment Report		2	4						4	9					
1	5.2.11	Paleontology Identification Report (n/a)														1	
4	5.2.12	Hazardous Waste Initial Site Assessment									9	6					
1.2 National Accordance	5.2.13	Air Quality & Greenhouse Gas Analysis Report		+	+	+	+	+			2	4	i				
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COUNTY OF NAPA Napa Valley Vine Trail

Amendment 5 - NEPA EA with Alt 4, Misc Other Items

								Kimley-Horn and Associates, Inc.	d Associates,	Inc.							
191.24%	Overhead%	Name	John Pulliam	Emily Mohney	Peter Meyerhofer	Š.	Š	Š	Šr.								
190.79%	Overhead% w/o FCCM	ory/Title Pr	ger	Deputy PM / Engineering Lead		onal	Professional III	Professional	Professional I	Professional	Professional	Analyst	Support	Project Support	TOTAL	TOTAL COST	
10%	Fee% Direct	Direct Rate	\$104.82	\$66.26	\$92.50	\$137.46	\$119.70	\$100.34	\$82.72	\$67.03	\$56.97	\$46.21	\$34.11	\$46.68	HOURS		
		ng Rate	\$335.76	\$212.24	\$296.30	\$440.31	\$383.42	\$321.41	\$264.97	\$214.71	\$182.49	\$148.02	\$109.26	\$149.52			
10.3	Obtain Permits, Licenses, Agreements and Certifications (PLACs)															\$	
10.4	Prepare Pathway PS&E (65% and 95%)															s	
10.4.1	Draft PS&E (65%)															s	
10.4.2	Pre-Final PS&E (95%)															s	
10.5	Environmental Mitigation															\$	
10.6	Structures PS&E (65% and 95% submittals)																
10.6.1	Draft Structures PS&E (65%)															s	
10.6.2	Pre-Final Structures PS&E (95%)															s	
10.7	Circulate, Review and Prepare Final PS&E Package															\$	
Task 11	Design Services During Construction															*	
11.1	Advertising and Bid Support															s	
11.2	Design Support During Construction															s	
Task 12	Local Assistance Procedures Manual Compliance/Funding Assistance															•	
12.1	Preliminary Engineering Phase															\$	
12,2	Right-of-Way Phase															s	
12.3	Construction Phase															\$	
	TOTAL HOURS	HOURS	69	153			22	48	20	269	368	322			1,271		
	Subtotal Labor:		\$23,167.33	\$32,473.24			\$8,435.28	\$15,427.59	\$5,299.36	\$57,756.94	\$67,154.75	\$47,662.25				\$ 257,376.73	3
	Other Direct Costs															\$ 2,250.00	0
	Escalation (Not included since no increase in labor fee)																
	Mileage/Travel/Meals															\$ 250.00	0
	Outside Printing																_
	Overnight Delivery/Fed Ex/Courier															00001	T
	Potholing Budget - G.D.Nielson Construction Inc. (DBE)	t														00:000'z	ы
	Subconsultants															\$ 215,045.47	7
	Associated Right of Way Services, Inc. (ARWS)																
	JRP Historical Consulting, LLC															\$ 55,858.50	0
	LSA, Associates, Inc.															\$ 53,902.40	0
	Pacific Legacy, Inc. (inlucdes Prepare XP1 Proposal for Future Testing)	()														\$ 50,239.58	∞
	Parikh Consultants (DBE)															\$ 9,544.99	6
	RSA+ Engineers															\$ 15,500.00	0
	Arborist (Placeholder)															\$ 30,000.00	0
	VSCE																. 1
	TOTAL COST:	COST:														\$ 474,672.20	0
Task No	Optional Tasks														Total Hous	Total Cost	



2850 Spafford Street, Davis, California 95618 530.757.2521 | jrphistorical.com e-mail: cmcmorris@irphistorical.com

November 1, 2024, revised January 30, 2025

<u>PROPOSED SCOPE OF WORK</u>: Amendment to Services to assist in National Historic Preservation Act Section 106 and California Environmental Quality Act Historical Resources Compliance for the Vine Trail Yountville to St. Helena Project, Napa County, California.

Project Understanding and Scope of Work

JRP Historical Consulting, LLC (JRP) is under subcontract with Kimley-Horn & Associates, Inc. (Kimley-Horn) for the Vine Trail Yountville to St. Helena Project with an existing scope of work to assist with historic resources compliance documentation under Section 106 of the National Historic Preservation Act and the California Environmental Quality Act. JRP is preparing documents for Caltrans review following Caltrans guidelines set forth in the Standard Environmental Reference (SER), Volume 2, Cultural Resources Procedures and the procedures set forth in the Programmatic Agreement Among the Federal Highway Administration, the Advisory Council on Historic Preservation, the California State Historic Preservation Officer, the United States Army Corps Of Engineers' Sacramento District, San Francisco District, and Los Angeles District, and the California Department of Transportation Regarding Compliance with Section 106 of the National Historic Preservation Act, as it pertains to the Administration of the Federal-Aid Highway Program in California (2024) (Section 106 PA). JRP is applying Section 106 PA Appendix 4 to exempt properties from evaluation, as appropriate. Tasks include providing assistance with establishing the Area of Potential Effects (APE), as it pertains to built environment resources, along with preparation of a Historical Resources Evaluation Report (HRER) and assisting with preparation of a Historic Property Survey Report (HPSR). JRP's original scope assumes that the HRER will include evaluation of built environment on up to 15 parcels with preparation of up to 15 sets of Department of Parks and Recreation (DPR) 523 forms with an evaluation under the criteria of the National Register of Historic Places (NRHP) and California Register of Historical Resources (CRHR). To date, the APE has been established and signed by Caltrans, JRP has undertaken fieldwork and research for preparation of the HRER, and JRP is preparing the HRER and its DPR 523 forms. An additional alternative has been identified (Alternative 4) between Madison Street to Dwyer Road where the trail will be constructed adjacent to State Route 29 instead of along the railroad tracks west of the highway.

The APE includes some previously identified built environment historic properties, i.e., resources listed in or eligible for listing in the NRHP, and the HRER may identify additional historic properties. The previously listed or eligible resources do not require re-evaluation, but the HRER will include descriptions of these properties, and any additional historic properties identified, along with statements regarding the significance of all historic properties. Furthermore, there are multiple archaeological sites within the APE for which Pacific Legacy, Inc. is preparing an Archaeological Survey Report (ASR) and will likely be required to conduct an Extended Phase I study to further identify the potential for the project to affect archaeological resources. It is likely that Pacific Legacy will prepare an

JRP Historical Consulting, LLC

Environmentally Sensitive Area (ESA) Action Plan that will address methodologies that the project should take to avoid causing an adverse effect to archaeological resources.

This scope of work is for a budget augmentation to address additional tasks that are not within JRP's original scope of work, as follows:

- JRP will assist with revisions to the APE to address Alternative 4.
- JRP will inventory and evaluate up to seven additional parcels that require evaluation of built resources on DPR 523 forms. These include additional parcels requiring evaluation on DPR 523 forms that are within the APE prior to the addition of Alternative 4.
- JRP, with assistance from Pacific Legacy, will prepare a Finding of Effect (FOE) report that Caltrans will require to address project impacts to built environment historic properties and project impacts to archaeological resources. The ESA Action Plan would be an attachment to the FOE. Pacific Legacy will provide input regarding sections of the FOE that address archaeological resources. The FOE is anticipated to be a Finding of No Adverse Effect.

Assumptions

This scope of work for additional tasks has been prepared with the following assumptions:

- 1. Kimley-Horn will provide JRP additional Permissions to Enter (PTEs), if needed.
- 2. JRP will conduct additional fieldwork, as needed, following Caltrans' approval of the revised APE.
- 3. Project archaeologists will share any additional records search results from the appropriate Information Center.
- 4. Napa County will assist JRP with access to County Assessor Records for parcels in the APE.
- 5. No changes to the scope regarding the HPSR are necessary.
- 6. JRP can provide additional historic resources compliance documentation and services under separate scope of work, including, but not limited to, drafting a Memorandum of Agreement (MOA) that may be necessary for Caltrans and the California State Historic Preservation Officer to resolve adverse effects, and any mitigation stipulated in a MOA.

Deliverables, Schedule, and Cost

JRP will prepare draft, draft-final, and final deliverables for the HRER and FOE. JRP will provide deliverables electronically.

The schedules for the HRER and FOE are to be determined.

A cost estimate for the augmentation is attached, along with a second cost estimate for the optional task presented herein.

			JR	JRP Historical Consulting, LLC	onsulting, LL	၁				
	Name	McMorris	TBD	TBD	Flores	Larson, K.	Wilson			
117.95%	117.95% Overhead % Category/Title	Principal Architectural Historian	Historian / Architectural Historian	Research Assistant	GIS / Graphics Technician	Contracts Manager	Assistant Contracts Manager	Total Hours	Total Costs	
10%	Fee% Direct Rate	\$79.11	\$41.41	\$28.22	\$32.91	\$35.68	\$28.36) ; ;		
	— Billing Rate	\$189.66	\$99.28	\$67.66	\$78.90	\$85.54	\$67.99			
Task 1	Project Management for the PA&ED Phase	0	0	0	0	0	0	0	\$	•
Task 2	Data Collection	0	0	0	0	0	0	0	\$	•
Task 3	Engineering Studies and Project Study	0	0	0	0	0	0	0	\$	•
Task 4	Environmental Studies and Draft Environmental	104	182	104	98	8	16	200	\$ 53	53,387.38
4.1	Public & Agency Scoping/Meeting							0	\$	•
4.2	Environmental Technical Studies							0	\$	1
	Area of Potential Effects (APE) Map	12	10	0	12	1	1	36	\$	4,369.06
	Historical Resources Evaluation Report (HRER)	40	80	80	56	4	8	268	\$ 26,	26,245.75
	Finding of Effect (FOE)	48	88	24	16	2	9	184	\$ 21,	21,305.47
	Historic Property Survey Report (HPSR)	4	4	0	2	1	1	12	\$ 1	1,467.10
4.3	Draft Environmental Document							0	\$	-
	TOTAL HOURS	104	182	104	86	8	16	200		
	Subtotal Labor:	\$19,724.88	\$18,068.67	\$7,036.23	\$6,785.41	\$684.33	\$1,087.87		\$ 53,	53,387.38
	Other Direct Costs								\$ 2,	2,471.13
	Escalation								\$ 2	2,366.13
	Vehicle Mileage								\$	105.00
	Per Diem Lodging								\$	•
	Per Diem Meals (travel days)								\$	1
	Per Diem Meals (non-travel days)								\$	1
	Research Fees								\$	-
	Photocopies								\$	-
	TOTAL COST:								\$ \$ \$55	55,858.50

COST PROPOSAL 1

COST-PLUS-FIXED FEE OR LUMP SUM OR FIRM FIXED PRICE CONTRACTS

(DESIGN, ENGINEERING AND ENVIRONMENTAL STUDIES)

Note: Mark-ups are Not Allowed	1	☐ Prime	Consultant 🔽	Subconsultant 2nd	Tier Sub	consultant
Consultant JRP Historic	al Consulting, LLC					
Project No. Vine Trail - You St. Held	ountville to	ntract No.			- Date	1/30/2025
DIRECT LABOR				Augment (v	vithout c	optional task)
Classification/Title	Name		Hours	Actual Hourly Rate		Total
Historian	Christopher McMorr	is	104	\$79.11	\$	8,227.44
Historian / Architectural						
Historian	TBD		182	\$41.41	\$	7,536.62
Research Assistant	TBD		104	\$28.22	\$	2,934.88
GIS / Graphics Technician	Rebecca Flores		86	\$32.91	\$	2,830.26
Contracts Manager	Kia Larson		8	\$35.68	\$	285.44
Assistant Contracts	Jennifer Wilson		16	\$28.36	\$	453.76
					\$	_
I A DOD GOGTG					\$	
LABOR COSTS					4.0	
a) Subtotal Direct Labor				\$ 22,268 tions) \$ 986		
b) Anticipated Salary In	creases (see Antcipated	Salary Increas	es page for calcula			
			c) Total D	Pirect Labor Costs [(a) +	(b)] \$	23,255.34
INDIRECT COSTS						
d) Fringe Benefits	(Rate: 60.10%	_)	e) To	otal Fringe Benefits [(c) x		13,976.46
f) Overhead	(Rate: 33.12%	_)		g) Overhead [(c) x		7,702.17
h) General and Adminis	trative (Rate:	24.73%)	i) Gen & Admin [(c) x	(h)] _\$	5,751.04
			i) Total I	ndirect Costs [(e) + (g) +	(i)] \$	27,429.67
FIXED FEE			J) Total II	numeet costs [(c) + (g) +	(1)] —	
PIAED FEE	k) TOTA	L FIXED I	FEE [(c) + (i)]*	fixed fee 10%	1 \$	5,068.50
D CONCLUTANTIC OT				<u> </u>		<u> </u>
I) CONSULTANT'S OT						T-4-1
Description Vehicle Mileage (IRS rate		Quatity	Unit Mile	Unit Cost	\$	Total 105.00
Per Diem Lodging (GSA)	<u> </u>	150		\$0.700 \$286.72	\$	105.00
Per Diem Meals (travel da		0	Day Day	\$59.25	\$	<u>-</u>
Per Diem Meals (non-trav	• / .	0	Day	\$79.00	\$	<u>-</u>
Research Fees	er days) (GS/17ace)	0	Each	\$35.00	\$	_
Photocopies		0	Each	\$0.18	\$	
				•	•	407.00
			ı) IOIAI	L OTHER DIRECT COS	315 <u>\$</u>	105.00
m) SUBCONSULTANTS	S' COSTS (Add additi	onal pages if	necessary)		Φ.	
Subconsultant 1:					- \$	
Subconsultant 2: Subconsultant 3:					- <u>\$</u>	
Subconsultant 4:					- \$	
Subconsultant 4.			m) TOTAL SI	UBCONSULTANS' COS		_
		•			~ ·	

(n) TOTAL OTHER DIRECT COSTS INCLUDING SUBCONSULTANTS [(l) + (m)] \$ 105.00 TOTAL COST [(c) + (j) + (k) + (n)] \$ 55,858.50

COST PROPOSAL 1

COST-PLUS-FIXED FEE OR LUMP SUM OR FIRM FIXED PRICE CONTRACTS

(CALCULATIONS FOR ANTICIPATED SALARY INCREASES)

1. Calculate average hourly rate for 1st year of the contract (Direct Labor Subtotal divided by total hours)

Direct Labor <u>Subtotal</u> per Cost Proposal		Total Hours per Cost Proposal		Avg Hourly Rate	5 Year Contract Duration
\$22,268.40	/	500	=	\$44.54	Year 1 Avg Hourly Rate

2. Calculate hourly rate for all periods (Increase the Average hourly rate for a period by proposed escalation %)

	Avg Hourly		Proposed			
	Rate		Escalation			
Year 1	\$44.54	+	4%	=	\$46.32	Year 2 Avg Hourly
Year 2	\$46.32	+	4%	=	\$48.17	Year 3 Avg Hourly
Year 3	\$48.17	+	4%	=	\$50.10	Year 4 Avg Hourly Rate
Year 4	\$50.10	+	4%	=	\$52.10	Year 5 Avg Hourly Rate

3. Calculate estimated hours per year (Multiply estimate % each period by total hours)

	Estimated % Completed Each Period		Total Hours per Cost Proposal		Total Hours per Period	
Year 1	10.00%	*	500	=	50	Estimated Hours Year 1
Year 2	70.00%	*	500	=	350	Estimated Hours Year 2
Year 3	20.00%	*	500	=	100	Estimated Hours Year 3
Year 4	0.00%	*	500	=	0	Estimated Hours Year 4
Year 5	0.00%	*	500	=	0	Estimated Hours Year 5
Total	100%		Total	=	500	

4. Calculate Total Costs including Escalation (Multiply average hourly rate by the number of hours)

	Avg Hourly Rate (calculated above)		Estimated Hours (calculated above)		Cost Per Period	_
Year 1	\$44.54	*	50	=	\$2,226.84	Estimated Hours Year 1
Year 2	\$46.32	*	350	=	\$16,211.40	Estimated Hours Year 2
Year 3	\$48.17	*	100	=	\$4,817.10	Estimated Hours Year 3
Year 4	\$50.10	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$52.10	*	0	=	\$0.00	Estimated Hours Year 5
Tota	l Direct Labor	Cost w	ith Escalation	=	\$23,255.34	
Dire	ect Labor Subto	otal bef	fore escalation	=	\$22,268.40	
stimated to	otal of Direct L	abor S	alary Increase	=	\$986.94	Transfer to Page 1

COST PROPOSAL 1

Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)

Prime Consultant or Subconsultant Certifying:

- 2. Terms and conditions of the contract
- 3. <u>Title 23 United States Code Section 112</u> Letting of Contracts
- 4. 48 Code of Federal Regulations Part 31 Contract Cost Principles and Procedures
- 5. 23 Code of Federal Regulations Part 172 Procurement, Management, and Administration of
- 6. 48 Code of Federal Regulations Part 9904 Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost

Name: Christopher McMorris Signature: Date of Certification (mm/dd/yyyy): 11/1/2024 Email: cmcmorris@jrphistorical.com Phone Number: 530-757-2521 Address: *An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract. List services the consultant is providing under the proposed contract: Historic resources compliance documentation and services.

NAPA VALLEY VINE TRAIL YOUNTVILLE TO ST. HELENA CONTRACT AMENDMENT

SCOPE OF WORK

Task 4.2: Biological Resources Studies

Jurisdictional Delineation Report (JDR). LSA will update the preliminary wetland delineation and JDR for the project. LSA will update the draft JDR report to encompass additional areas that will be delineated along the proposed trail alignment, including the Alternative 4 alignment and portions of the JDR study area that have shifted since the time of the original delineation.

Botanical Surveys. LSA will conduct focused botanical surveys for special-status plant species and sensitive natural communities along the project trail alignment footprint, including the Alternative 4 alignment. The survey area will include the trail alignment according the kmz files provided via email on November 27, December 2, 2024, and January 31, 2025, and GIS shape files provided on December 5, 2024. The surveys will be conducted in the early spring through summer of 2025 and would include up to three survey periods. Three days with two botanists would be needed for the early spring and late spring surveys and two days with two botanists would be needed for the summer survey. The objective of the surveys will be to determine presence or absence of special-status species and sensitive natural communities and to quantify/map the extent and distribution of the species/communities. All plant species detected on the site during the surveys will be identified to the extent necessary to determine rarity and listing status, following the naming conventions of the online Jepson eFlora database. In addition, LSA will record and map vegetation communities conforming to the 2nd edition of the Manual of California Vegetation.

Natural Environmental Study. LSA will update the Natural Environmental Study figures and text to include the revised Alternative 4 alignment (as provided via a kmz file on November 27, 2024 and January 31, 2025), the updated trail alignment (as provided via kmz files on December 2, 2024, and the GIS shape files on December 5, 2024), and the methods/results of the botanical surveys.

Assumptions

 This contract amendment assumes that the project alignment provided in November/ December 2024 and January 2025 will not change. Any changes the project alignment may require a contract amendment.

						LSA Associates, Inc.						
	Name	e Dan Sidle	Ross Dobberteen	Anna Van Zuuk	Michelle Nicholes	Gretchen Zantzinger	Greg Gallaugher	Chip Bouril	Jason Thomas	Michael Mello		
233.1%	233.1% Overhead % Category/Title	Project Manager/Associate e Biologist	Principal Biologist	Biologist/Arborist	Biologist	Senior Biologist	GIS	Soil Scientist	Graphics	Document Management	Total Hours	Total Costs
10%	10% Fee% Direct Rate	e \$59.64	\$81.30	\$45.14	\$9.75\$	\$54.72	\$51.63	\$41.81	\$33.68	\$35.26		
	Billing Rate	e \$218.53	\$297.90	\$165.40	\$135.85	\$200.50	\$189.17	\$153.20	\$123.42	\$129.19		
Task 4	Environmental Studies and Draft Environmental	20	7	96	120	2	48	12	2	12	319	\$ 51,752.40
4.1	Environmental Technical Studies - Botanical Surveys	3		88	08	2	16				189	\$ 29,506.02
4.2	Environmental Technical Studies - Update JD	1	1				12	12		2	28	\$ 4,883.27
4.3	Environmental Technical Studies - Update NES	16	9	8	07		20		2	10	102	\$ 17,363.12
4.4											0	\$ 1
4.5											0	\$
	TOTAL HOURS	S 20	7	96	120	2	48	12	2	12	319	
	Subtotal Labor:	: \$4,370.54	\$2,085.28	\$15,877.98	\$16,301.80	\$401.00	\$9,080.26	\$1,838.40	\$246.84	\$1,550.31		\$ 51,752.40
	Other Direct Costs											\$ 2,150.00
	Mileage and Bridge Tolls											\$
	TOTAL COST:											\$ 53,902.40

${\bf SAMPLE~COST~PROPOSAL~1}\\ {\bf COST-PLUS-FIXED~FEE~OR~LUMP~SUM~OR~FIRM~FIXED~PRICE~CONTRACTS}$

(DESIGN, ENGINEERING AND ENVIRONMENTAL STUDIES)

Note: Mark-ups are Not Allowed	☐ Prime	Consultant 🗵	Subconsultant 2nd	Tier Sub	consultant
Consultant LSA Associa	tes, Inc.			_	
Project No.	Contract No.)ate	12/9/2024
DIRECT LABOR					
Classification/Title	Name	Hours	Actual Hourly Rate		Total
Project Manager	Dan Sidle	20	\$59.64	\$	1,192.80
Principal	Ross Dobberteen	7	\$81.30	\$	569.10
Biologist/Arborist	Anna Van Zuuk	96	\$45.14	\$	4,333.44
Biologist	Michelle Nicholes	120	\$37.08	\$	4,449.60
Senior Biologist	Gretchen Zantzinger	2	\$54.72	\$	109.44
GIS	Greg Gallaugher	48	\$51.63	\$	2,478.24
Soil Scientist	Chip Bouril	12	\$41.81	\$	501.72
Graphics	Jason Thomas	2	\$33.68	\$	67.36
Document Management	Michael Mello	12	\$35.26	\$	423.12
LABOR COSTS		•	•		
a) Subtotal Direct Labor	Costs		\$ 14,124.	.82	
*	creases (see Antcipated Salary Increa	ses page for calcula		.00	
, 1	. 1		pirect Labor Costs [(a) +		14,124.82
INDIRECT COSTS		5) 100012	11 000 2 m 2 01 2 0 2 m 1 (m)	(e)] 	14,124.02
	(Rate: 94.56%)	e) To	otal Fringe Benefits [(c) x	(4)] \$	13,356.43
	(Rate: 138.55%)	c) 10	g) Overhead [(c) x		19,569.94
h) General and Administ	·)	i) Gen & Admin [(c) x		17,307.74
ii) General and Administ	(Kate	_)	i) Gen & Admin [(c) x	(II)] <u> </u>	
				(1) a. (1)	22.027.25
		j) Total I	ndirect Costs [(e) + (g) +	(1)]	32,926.37
FIXED FEE					
	k) TOTAL FIXED	$\mathbf{FEE}\ [(c)+(j)]^*$	fixed fee 10%	_] <u> </u> \$_	4,701.21
I) CONSULTANT'S OTI	HER DIRECT COSTS (ODC)	- ITEMIZE (Ad	dd additional pages if neces	sary)	
Description	of Item Quatity	Unit	Unit Cost		Total
Mileage and Bridge Tolls	1	1	\$2,150.00	\$	2,150.00
			\$0.00	\$	-
			\$0.00	\$	_
			\$0.00	\$	_
	<u>'</u>	1) TOTAI	L OTHER DIRECT COS	TS ¢	2,150.00
		1) 101/11	2011ER DIRECT COS	· · · · · · · · · · · · · · · · · · ·	2,150.00
\	# 60 cmg	_			
m) SUBCONSULTANTS	S' COSTS (Add additional pages i	• ,	IIDOONGII EARC CO		
		(m) TOTAL S	UBCONSULTANS' COS	718 <u>\$</u>	-
(n) TOTAL	OTHER DIRECT COSTS INC				2,150.00
		TOTAI	L COST [(c) + (j) + (k) + (k) + (k)]	(n)] \$	53,902.40

COST-PLUS-FIXED FEE OR LUMP SUM OR FIRM FIXED PRICE CONTRACTS

(CALCULATIONS FOR ANTICIPATED SALARY INCREASES)

1. Calculate average hourly rate for 1st year of the contract (Direct Labor Subtotal divided by total hours)

Direct Labor <u>Subtotal</u> per Cost Proposal		Total Hours per Cost Proposal		Avg Hourly Rate	5 Year Contract Duration
\$14,124.82	/	319	=	\$44.28	Year 1 Avg Hourly Rate

2. Calculate hourly rate for all periods (Increase the Average hourly rate for a period by proposed escalation %)

	Avg Hourly		Proposed			
	Rate		Escalation			
Year 1	\$44.28	+	5%	=	\$46.49	Year 2 Avg Hourly
Year 2	\$46.49	+	5%	=	\$48.82	Year 3 Avg Hourly
Year 3	\$48.82	+	5%	=	\$51.26	Year 4 Avg Hourly Rate
Year 4	\$51.26	+	5%	=	\$53.82	Year 5 Avg Hourly Rate

3. Calculate estimated hours per year (Multiply estimate % each period by total hours)

	Estimated % Completed Each Period		Total Hours per Cost Proposal		Total Hours per Period	
Year 1	100.00%	*	319	=	319	Estimated Hours Year 1
Year 2	0.00%	*	319	=	0	Estimated Hours Year 2
Year 3	0.00%	*	319	=	0	Estimated Hours Year 3
Year 4	0.00%	*	319	=	0	Estimated Hours Year 4
Year 5	0.00%	*	319	=	0	Estimated Hours Year 5
Total	100%		Total	=	319	

4. Calculate Total Costs including Escalation (Multiply average hourly rate by the number of hours)

	Avg Hourly Rate (calculated above)		Estimated Hours (calculated above)		Cost Per Period	_
Year 1	\$44.28	*	319	=	\$14,124.82	Estimated Hours Year 1
Year 2	\$46.49	*	0	=	\$0.00	Estimated Hours Year 2
Year 3	\$48.82	*	0	=	\$0.00	Estimated Hours Year 3
Year 4	\$51.26	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$53.82	*	0	=	\$0.00	Estimated Hours Year 5
Tota	al Direct Labor	Cost w	vith Escalation	=	\$14,124.82	
Dir	ect Labor Subte	otal bet	fore escalation	=	\$14,124.82	
Estimated t	otal of Direct I	Labor S	Salary Increase	_	\$0.00	Transfer to Page 1

SAMPLE COST PROPOSAL 1

Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)

Prime Consultant or Subconsultant Certifying:

- 2. Terms and conditions of the contract
- 3. <u>Title 23 United States Code Section 112</u> Letting of Contracts
- 4. 48 Code of Federal Regulations Part 31 Contract Cost Principles and Procedures
- 5. 23 Code of Federal Regulations Part 172 Procurement, Management, and Administration of
- 6. 48 Code of Federal Regulations Part 9904 Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost

Name: **Anthony Petros** Title*: CEO Signature: Date of Certification (mm/dd/yyyy): 12/9/2024 Email: tony.petros@lsa.net Phone Number: (949) 553-0666 Address: 3210 El Camino Real, Suite 100, Irvine, California 92602 *An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract. List services the consultant is providing under the proposed contract: Biological consulting services for the Napa Valley Vine Trail design project

NAPA VALLEY VINE TRAIL - YOUNTVILLE TO ST. HELENA

1/31/25 Revision

SCOPE OF WORK - AMENDMENT

The scope presents an amendment to the original scope of work prepared for the Yountville and St. Helena segment of the Napa Valley Wine Trail. This scope covers several tasks that exceeded the originally budgeted amount due to multiple rounds of APE map production, review and comment, a higher than anticipated CHRIS record search cost (additional costs approved), the need to order additional PDFs of studies and resources not originally included in the LSA record search data, and changes to the ADI/APE including the addition of Alternative 4 and associated record search, survey, and reporting costs. At the request of Kimley Horn and Caltrans we have also included a scope to prepare an Extended Phase I proposal in anticipation of the need for XPI investigation due to the high number of previously identified archaeological resources within the APE. Amendments to the existing tasks are as follows:

Required Tasks

Task 1.1 - Project Management and Administration

Project management and administrative includes contract management, project emails and online conference calls, and key project meetings.

Task 4.2 - Area of Potential Effect (APE) Map

This task includes two subtasks. The first addresses costs incurred during the development of the current signed Area of Potential Effects (APE) map, including multiple extended coordination meetings; multiple rounds of review by staff at Kimley Horn, the County, and Caltrans local assistance cultural resources coordinator; and coordination with JRP for the built environment resources and ADI design changes. Additionally, we have included a subtask to cover anticipated work to revise the APE map based on the addition of Alternative 4 and the results of the archaeological and built environment surveys.

To produce the final APE map, we will work with Kimley Horn, the County, and Caltrans to revise and submit a project APE map for the Caltrans local assistance cultural resources coordinator to review. We assume the APE will be revised based on the results of the archaeological and built environment surveys and to include Alternative 4. The final APE maps should be approved and signed by the Caltrans cultural reviewer and Caltrans local assistance engineer.

We have assumed that two additional rounds of review and changes will take place to create a final approved APE for inclusion in the ASR, HRER, and HSPR. If an Extended Phase I (XPI) investigation is required, this may result in changes to one or more resource boundaries, which would require APE map revisions. Budget for this additional APE map work would be included in a future XPI fieldwork and reporting budget amendment.

Task 4.2 - Records Search and Native American Consultation

This task includes costs incurred exceeding what was originally budgeted for the CHRIS record search. Pacific Legacy requested a supplemental record search from the NWIC, which included all the shapefiles from the LSA record search and full record search results for areas outside of the LSA APE and buffer. This record search cost \$2,000.00 more than originally budgeted. Additionally, Pacific Legacy has examined the results of this data and identified reports and resource PDFs that are needed to complete the archaeological survey and ASR as well as an additional record search buffer area needed due to the addition of Alternative 4. These will be requested and we have included \$1,500.00 of additional costs to cover this and the additional record search buffer area for the Alternative 4 alignment.

The processing of these record search materials for the report and APE production has been a quite involved due to the large number of built environment and archaeological resources and previous studies. Extra care was taken to review the previous studies for archaeological resources as many have been excavated and may

therefore will inform the survey results and may reduce the scope of the anticipated XPI investigation. This is reflected in the additional time required to process the record search and will be integrated into the ASR and critical for the planning of the XPI.

Deliverable: Results of the records search will be included in the ASR.

Task 4.2 - Archaeological Inventory Survey

Survey will be conducted at areas that have not previously been surveyed and all previously recorded site locations will be revisited and inspected. Two One additional day s of survey and site recording were was added to address Alternative 4. Based on the record search results we assumed one resource will require updating and no more than one new resource will be identified and recorded on California Department of Parks and Recreation (DPR) DPR 523 forms. Additional time to record/update this resource was not included as the original budget assumed up to 10 resources to be updated. Our record search results indicated that up to 13 resources may need to have updates prepared due to the age of the records that are over 20 years old. The additional of survey also includes time for three up minor dates.

New archaeological resources will have to be recorded on DPR Forms 523. Once recorded, known or newly discovered cultural resources within the APE may need to be evaluated for listing in the California Register of Historical Resources (CRHR) and/or the National Register of Historic Places (NRHP) under a separate scope.

Task 4.2 - Archaeological Survey Report (ASR)

Additional draft and final ASR preparation was included due to the addition of Alternative 4, which will require revisions to the document already in preparation. The report will include maps, archaeological site location data (if relevant), photographic documentation, and other graphics as needed. This also includes additional time to prepare the extra site record updates.

Deliverable: Draft and Final Archaeological Survey Report.

Task 4.2 – Extended Phase I (XPI) Proposal

An XPI Proposal will be prepared in advance of XPI fieldwork detailing the proposed XPI fieldwork timeline and methods. The proposal/workplan will also describe decision thresholds, the scope of work, Native American coordination, curation procedures, and include maps and figures. The methods and scope of work will be described in terms of both boundary testing of known sites adjacent to or intersecting the APE/ADI and presence or absence testing in areas of high sensitivity for buried archaeological resources. To provide an accurate scope of work and allow for coordination with Caltrans based on the results of the ASR, the XPI proposal will be drafted immediately after the submittal of the draft ASR for the Project. We assume no more than five resources will require boundary testing.

The XPI Proposal will follow the format and content specified by the Caltrans Standard Environmental Reference "Exhibit 5.2. Extended Phase I Proposal (XPI) Format and Content Guide" available online at https://dot.ca.gov/programs/environmental-analysis/standard-environmental-reference-ser/volume-2-cultural-resources.

Deliverable: Draft and Final Proposal Assumption: One round of review with minimal comments

Costing and Assumptions

Cost estimate is based on the following assumptions:

Required Task Assumptions.

- Survey assumes no more than 2 additional miles in trail corridor length and a 30 foot buffer on either side of the trail;
- A two-person archaeological crew;
- Survey of Alternative 4-will identify and record on DRP 523 forms one (1) new archaeological resource and update DPR 523 forms for one (1)three (3) additional previously documented archaeological resources;
- XPI scope of work would include up to five sites for boundary testing;
- XPI scope of work would include up to 20 exploratory trenches total for presence/absence testing in four separate locations;
- XPI Proposal will be drafted and submitted after first draft ASR comments are received to facilitate Caltrans direction and ensure an accurate scope.
- One round of minimal comments on the XPI proposal;
- Pacific Legacy will not author the cultural section of an environmental document; and,
- No cultural resources will be evaluated for listing in the CRHR or NRHP.

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						Pacific Legacy, Inc.	gacy, Inc.						
	Name	γſ	Scott Strimling	Hannah Ballard	Gabrielle Muller	Aleck Tan	Federico Poggiali	Graham Dalldorf	Victoria Luckinbill				
160 93% Over	Overhead %	Task Order	Contract	Task Order	Archaeologist	SIS	Archaeologist	Geomorphologis	Archaeologist				
			\$76.90	\$61.48	\$31.37	\$35.77	\$39.13	\$50.30	\$25.84	\$0.00	\$0.00	Total Hours	Total Costs
		\$2	\$220.72	\$176.47	\$90.02	\$102.67	\$112.30	\$144.39	\$74.18	\$0.00	\$0.00		
Task 1 Proj	Project Management for the PA&ED Phase	0	4	9	0	0	0	0	0	0	0	10	
T	Coordination and Meetings			9								9	\$ 1,058.83
.3 Proi	lagement & Administration ect Controls		4									4 0	\$ 882.87
Task 2 Data	Data Collection	0	0	0	0	0	0	0	0	0	0	0	. \$
+	Data Collection & Review											0	\$
2.2 E	Bicycle and Traffic Data Collection											0	٠ •
+	Geometric Refinements												٠. ٠
	Engineering Studies and Project Study	0	0	0	0	0	0	0	0	0	0	0	
П	Bicycle and Traffic Studies											0	- \$
П	metric Layouts, Typical Sections and Profiles											0	\$
1	Engineering Studies											0	\$
	Project Study Limit Maps Geotechnical Studies and Dreliminary Benott											0	٠ -
3.6 Draf	Draft Project Study Report / Project Report												n •
T	Project Study Report / Project Report											0	\$
Fask 4 Env	Environmental Studies and Draft Environmental	2	0	51	108	134	58	20	20	0	0	393	\$ 43,849.87
	Public & Agency Scoping/Meeting											0	
4.2 Envi	Environmental Technical Studies	2		51	108	134	28	20	20			393	\$ 43,849.87
	Draft Environmental Document											0	S
	Circulate Draft Environmental Document (DED)	0	0	0	0	0	0	0	0	0	0	0	.
5.2 DEC	DED Publication and Circulation												n •
	lic Education & Engagement											0	,
1	Public Comment and Response											0	
ask 6 Fina	Final Environmental Document	0	0	0	0	0	0	0	0	0	0	0	\$
	Final Environmental Document (FED)											0	\$
	Completed Environmental Document/Determination											0	\$
rask 7 Proj	Project Management for the ROW, PSE and DSDC Phases	0	0	0	0	0	0	0	0	0	0	0	•
7.1 Proj	Project Management											0	\$
7.1.	Conduct Project Management and Control											0	- \$
7.1	Develop & Maintain a Quality Control /											0	\$
7.1	Conduct Project Administration											0	\$
ask8 Righ	Right-of-Way Acquisitions	0	0	0	0	0	0	0	0	0	0	0	· ·
	Right-of-Way Englifeeling Right-of-Way Appraisal & Acquisition											0	^ ~
8.3	ionophorus inopuddu fore ion											0 0	n •
												0	,
Г												0	. \$
Task 9 Plar	Plans, Specifications and Estimates (PS&E)	0	0	0	0	0	0	0	0	0	0	0	•
	Prepare Base Maps and Plan Sheets for PS&E											0	- \$
	Updated Traffic Data Analysis											0	\$
T	Obtain Permits, Licenses, Agreements and											0	\$
	Prepare Pathway PS&E (65% and 95%)											0	\$
	Draft PS&E (65%)											0	· ·
t	rie-riidi rooc (95%)											0 0	^ ~
9.6 Stru	Structures PS&E (65% and 95% submittals)												
9.6	Draft Structures PS&E (65%)											0	. \$
9.6	Pre-Final Structures PS&E (95%)											0	\$
	Circulate, Review and Prepare Final PS&E Package											0	\$
	Design Services During Construction	0	0	0	0	0	0	0	0	0	0	0	\$
Т	Advertising and Bid Support											0	S. C.
Tack 11 1 oc	Pesign Support Duling Construction	c	•	c	c	•	•	•	c	•	•	0	^ *
	Preliminary Engineering Phase	0	0	5	0	0	D	5	0	0	D		•
11.2 Righ	nt-of-Way Phase											0	· ·
П	Construction Phase											0	\$
	TOTAL HOURS		4	57	108	134	28	20	20	0	0	403	
i		\$483.98	\$882.87	\$10,058.90	\$9,722.67	\$13,758.40	\$6,513.42	\$2,887.72	\$1,483.61	\$0.00	\$0.00		\$ 45,791.58
5	Danner Direct Costs												\$ 4,448.00
<u> </u>	Record Searches												\$ 2,000.00
Ĺ	Vehicle Rental (pickup truck)												
Ĺ	Vehicle Fuel												
	Lodging (GSA rates)												4
	Per Diem (GSA rate)												
7													\$
	TOTAL COST:												\$ 50,239.58
													l

SAMPLE COST PROPOSAL 1 COST-PLUS-FIXED FEE OR LUMP SUM OR FIRM FIXED PRICE CONTRACTS

(DESIGN, ENGINEERING AND ENVIRONMENTAL STUDIES)

Note: Mark-ups are Not Allowed		☐ Prime	Consultant	✓ Subconsultant] 2nd Tier Su	bconsultant
Consultant Pacific Legac	y, Inc.					
Project No.	Со	ntract No.			 Date	1/31/2025
DIRECT LABOR	_					
Classification/Title	Name		Hours	Actual Hourly R	ate	Total
Task Order Manager	John Holson		2	\$84.31	\$	168.62
Contract Manager	Scott Strimling		4	\$76.90	\$	307.60
Task Order Manager	Hannah Ballard		57	\$61.48	\$	3,504.56
Archaeologist	Gabrielle Muller		108	\$31.37	\$	3,387.42
GIS	Aleck Tan		134	\$35.77	\$	4,793.48
Archaeologist	Federico Poggiali		58	\$39.13	\$	2,269.30
Geomorphologist	Graham Dalldorf		20	\$50.30	\$	1,006.09
Archaeologist	Victoria Luckinbill		20	\$25.84	\$	516.90
LABOR COSTS						
a) Subtotal Direct Labor				\$ 15 (stations)	<u>,953.98</u>	
b) Anticipated Salary Inc	reases (see Antcipated	Salary Increas	es page for calcu			
			c) Total	Direct Labor Costs [((a) + (b)	15,953.98
INDIRECT COSTS						
d) Fringe Benefitsf) Overheadh) General and Administration	(Rate:)	e) 7	Total Fringe Benefits [6	(c) x (d)] _\$	-
f) Overhead	(Rate:)		g) Overhead	$[(c) x (f) \boxed{\$}$	-
h) General and Administr	rative (Rate:	160.93%)	i) Gen & Admin [((c) x (h)	25,674.73
			j) Total	Indirect Costs [(e) +	(g) + (i)	25,674.73
FIXED FEE			-			
	k) TOTA	L FIXED I	$\mathbf{FEE} [(\mathbf{c}) + (\mathbf{j})]$]* fixed fee10%] _\$	4,162.87
I) CONSULTANT'S OTH	HER DIRECT COST	S (ODC) -	ITEMIZE (A	dd additional pages if n	ecessary)	
Description	of Item	Quatity	Unit	Unit Cost		Total
Record Search 1		1	1	\$2,000.00	\$	2,000.00
Record Search 2		1	1	\$1,500.00	\$	1,500.00
Weekly Vehicle Rental		2	1	\$60.00	\$	120.00
Vehicle Fuel		1	1	\$50.00	\$	50.00
Lodging (GSA rates)		2	1	\$231.00	\$	462.00
Per Diem (GSA rate)		4	1	\$79.00	\$	316.00
Mileage		0	0	\$0.70	\$	
			l) TOT A	L OTHER DIRECT	COSTS_\$	4,448.00
m) SUBCONSULTANTS	' COSTS (Add additio	nal pages if	necessary)			
Subconsultant 1:					\$	
Subconsultant 2:					\$	
Subconsultant 3:					\$	
Subconsultant 4:					\$	
			(m) TOTAL S	SUBCONSULTANS'	COSTS \$	-

SAMPLE COST PROPOSAL

Sample Only -Required Cost Proposal Template To Be Determined By Agency

(n) TOTAL OTHER DIRECT COSTS INCLUDING SUBCONSULTANTS [(l) + (m)] \$ 4,448.00 TOTAL COST [(c) + (j) + (k) + (n)] \$ 50,239.58

SAMPLE COST PROPOSAL 1

COST-PLUS-FIXED FEE OR LUMP SUM OR FIRM FIXED PRICE CONTRACTS

(CALCULATIONS FOR ANTICIPATED SALARY INCREASES)

1. Calculate average hourly rate for 1st year of the contract (Direct Labor Subtotal divided by total hours)

Direct Labor <u>Subtotal</u> per Cost Proposal		Total Hours per Cost Proposal		Avg Hourly Rate	5 Year Contract Duration
\$ 15.953.98	/	403	=	\$39.59	Year 1 Avg Hourly Rate

2. Calculate hourly rate for all periods (Increase the Average hourly rate for a period by proposed escalation %)

	Avg Hourly		Proposed			
	Rate		Escalation			
Year 1	\$39.59	+	5%	=	\$41.57	Year 2 Avg Hourly
Year 2	\$41.57	+	5%	=	\$43.65	Year 3 Avg Hourly
Year 3	\$43.65	+	5%	=	\$45.83	Year 4 Avg Hourly Rate
Year 4	\$45.83	+	5%	=	\$48.12	Year 5 Avg Hourly Rate

3. Calculate estimated hours per year (Multiply estimate % each period by total hours)

	Estimated % Completed Each Period		Total Hours per Cost Proposal		Total Hours per Period	
Year 1	100.00%	*	403	=	403	Estimated Hours Year 1
Year 2	0.00%	*	403	=	0	Estimated Hours Year 2
Year 3	0.00%	*	403	=	0	Estimated Hours Year 3
Year 4	0.00%	*	403	=	0	Estimated Hours Year 4
Year 5	0.00%	*	403	=	0	Estimated Hours Year 5
Total	100%		Total	=	403	

4. Calculate Total Costs including Escalation (Multiply average hourly rate by the number of hours)

	Avg Hourly Rate (calculated above)		Estimated Hours (calculated above)		Cost Per Period	_
Year 1	\$39.59	*	403	=	\$15,953.98	Estimated Hours Year 1
Year 2	\$41.57	*	0	=	\$0.00	Estimated Hours Year 2
Year 3	\$43.65	*	0	=	\$0.00	Estimated Hours Year 3
Year 4	\$45.83	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$48.12	*	0	=	\$0.00	Estimated Hours Year 5
Tota	ıl Direct Labor	Cost w	vith Escalation	=	\$15,953.98	
Dire	ect Labor Subt	otal bet	fore escalation	=	\$15,953.98	
stimated t	otal of Direct I	Labor S	alary Increase	=	\$0.00	Transfer to Page 1

SAMPLE COST PROPOSAL 1

Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)

Prime Consultant or Subconsultant Certifying:

- 2. Terms and conditions of the contract
- 3. Title 23 United States Code Section 112 Letting of Contracts
- 4. 48 Code of Federal Regulations Part 31 Contract Cost Principles and Procedures
- 5. 23 Code of Federal Regulations Part 172 Procurement, Management, and Administration of
- 6. 48 Code of Federal Regulations Part 9904 Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost

Name: Hannah Ballard Title*: President Signature: Date of Certification (mm/dd/yyyy): 1/31/2025 Email: ballard@pacificlegacy.com Phone Number: 415-686-3770 Address: 900 Modoc Street, Berkeley, California 94707 *An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract. List services the consultant is providing under the proposed contract:

	ISA Alt 4 (amondment)					SUBCONSULTANT NAME	TANT NAME						
	Name	G. Parikh	D. Wang	TBD	TBD	TBD	TBD	TBD	TBD	K. Krol-Rameriz	ı		
172.37%	172.37% Overhead % Category/Title	Project Manager	Sr. Project Engineer/QA	Sr. Project Engineer/Geolo	Project Geologist	Staff Engineer	Field Engineer/Geolo	Lab Technician	Drafting/Cadd Tech	Contract Administration		Carroll letoT	Total Coats
10%		\$117.30	\$85.02	\$78.52	\$54.60	\$45.49	\$58.78	\$33.78	\$45.73	\$84.55	\$0.00	I Otal Hours	l otal costs
	Billing Rate	\$351.44	\$254.73	\$235.25	\$163.59	\$136.29	\$176.11	\$101.21	\$137.01	\$253.32	\$0.00		
Task 2	Data Collection	0	0	0	0	0	0	0	0	0	0	0	٠ •
2.1	Data Collection & Review	0	0	0				0	0	0		0	\$
2.2	Bicycle and Traffic Data Collection											0	\$
2.3	Supplemental Surveys											0	
2.4	Geometric Refinements											0	÷-
Task 3	Engineering Studies and Project Study	0	0	0	0	0	0	0	0	0	0	0	٠.
3.1	Bicycle and Traffic Studies											0	- \$
3.2	Geometric Layouts, Typical Sections and Profiles											0	- \$
3.3	Engineering Studies											0	-
3.4	Project Study Limit Maps											0	\$
3.5	Geotechnical Studies and Preliminary Report Draft Project Study Report / Project Report											0 0	\$
3.7	Project Study Report / Project Report											0	÷ \$
Task 4	Environmental Studies and Draft Environmental	5	0	0	46	0	0	0	0	0	0	51	\$ 9,282.12
4.1	Public & Agency Scoping/Meeting											0	
4.2	Environmental Technical Studies Phase 1 Alt 4	5	0	0	46	0	0	0	0	0		51	\$ 9,282.12
4.3	Draft Environmental Document											0	- \$
Task 9	Plans, Specifications and Estimates (PS&E)	0	0	0	0	0	0	0	0	0	0	0	- \$
9.1	Prepare Base Maps and Plan Sheets for PS&E											0	-
9.2	Updated Traffic Data Analysis											0	\$
6 <u>.</u> 3	Obtain Permits, Licenses, Agreements and											0	\$
9.4	Prepare Pathway PS&E (65% and 95%)		1		1							0	\$
4.6	+											0 0	٠ •
942	+"											0 0	^ ·
9.6	Structures PS&E (65% and 95% submittals)											0	. \$
9.6.1												0	\$
9.6.2												0	- \$
9.7												0	- \$
Task 10		0	0	0	0	0	0	0	0	0	0	0	•
1.01	Advertising and Bid Support											0	⋄
10.2	Design Support During Construction	L			7,	Ç	,	,	ć	Ç	•	0 1	\$
	Subtotall abor	\$1 757 20		00 0\$	46 \$7 524 93	00 05	00.0\$	00 0\$	00.0\$	OU UŞ	Ç	21	\$ 9 282 12
	Other Direct Costs	03:10:11	20:04	20:04	CC:+30(1)	20:04	2000	20:04	20:00	Roint	20:05		
	Escalation- salary increase												
	TOTAL COST:												\$ 9,544.99

PARIKH Project # 2024-128-ISA

COST PROPOSAL 1

COST-PLUS-FIXED FEE OR LUMP SUM OR FIRM FIXED PRICE CONTRACTS

(DESIGN, ENGINEERING AND ENVIRONMENTAL STUDIES)

Note: Mark-ups are Not Allowed	,	☐ Prir	ne Consultant	✓ Subconsultant ✓ 2	2nd Tier	Subconsultant
Consultant PARIKH CONSULTANT	S					
Project No. Vine Trail Alt 4 ISA ame	ndment Contra	act No.			ate	2/11/2025
DIRECT LABOR						
Classification/Title	Name		Hours	Actual Hourly Rate		Total
Project Manager	G. Parikh		5	\$117.30	\$	586.50
Sr. Project Engineer/QA QC Manager	D. Wang		0	\$85.02	\$	-
Sr. Project Engineer/Geologist	TBD		0	\$78.52	\$	-
Project Geologist	TBD		46	\$54.60	\$	2,511.60
Staff Engineer	TBD		0	\$45.49	\$	-
Field Engineer/Geologist	TBD		0	\$58.78	\$	-
Lab Technician	TBD		0	\$33.78	\$	-
Drafting/Cadd Tech	TBD		0	\$45.73	\$	-
Contract Administration	K. Krol-Rameriz		0	\$84.55	\$	1
LABOR COSTS						
a) Subtotal Direct Labor Costs				\$ 3,098.	10	
b) Anticipated Salary Increases	(see Antcipa	ted Salary	ncreases page fo	r calculations) \$ 87.	74	
				rect Labor Costs [(a) +	(b)] \$	3,185.84
INDIRECT COSTS			,	I ()	`	-,
d) Fringe Benefits	(Rate: 43.19%)	e) Tot	al Fringe Benefits [(c) x	(d)] \$	1,375.96
f) Overhead	(Rate: 129.18%	-	0) 100	g) Overhead [(c) x		4,115.47
h) General and Administrative	(Rate:	-)	i) Gen & Admin [(c) x		-
in somerar and riaministrative	(1100)		,	1) 0011 00 114111111 [(0) 11	(··/)] <u> </u>	
			i) Total In	direct Costs [(a) + (a) +	G)1 \$	5,491.43
EIVED EEE			J) Total III	direct Costs [(e) + (g) +	(1)]	3,771.73
FIXED FEE					1 A	0<==3
	k) T OTAL	FIXED	FEE [(c) + (j))]* fixed fee10%]	867.73
I) CONSULTANT'S OTHER DIREC	T COSTS (ODC)	- ITEM	ZE (Add add	itional pages if necessary)		
Description of Item		Quatity	Unit	Unit Cost		Total
Per Diem		Quarry	0.11.0			
Private Utility Locator						
EDR						
Outside Lab Testing (Corrosion, etc.)						
Drilling Permits						
Drilling						
Traffic Control						
			1) TOTAL	OTHER DIRECT COS		
			1) TOTAL	OTHER DIRECT COS	18 \$	-
m) SUBCONSULTANTS' COSTS (Ad	dd additional nages i	f necessor	rv)			
Subconsultant 1:	aa aaanaanan pages i	i necessa	`J)		\$	
2 TO COMPANY 1.		(m	TOTAL SU	BCONSULTANS' COS		_
, , _		,				
(n) TOTAL OTHER	R DIRECT COSTS	SINCLU		CONSULTANTS [(l) + (
			TOTAL	COST $[(c) + (j) + (k) + (k)]$	(n)]_ \$	9,544.99

COST PROPOSAL 1

COST-PLUS-FIXED FEE OR LUMP SUM OR FIRM FIXED PRICE CONTRACTS

(CALCULATIONS FOR ANTICIPATED SALARY INCREASES)

1. Calculate average hourly rate for 1st year of the contract (Direct Labor Subtotal divided by total hours)

			Total				
Direct I	Labor <u>Subtotal</u> per		Hours per		Avg Hourly	5 Year	
Cost Proposal Cost		Cost		Rate	Contract Duration		
			Proposal				
\$	3,098.10	/	51	=	\$60.75	Year 1 Avg Hourly Rate	

2. Calculate hourly rate for all periods (Increase the Average hourly rate for a period by proposed escalation %)

	Avg Hourly Rate		Proposed Escalatio n			
Year 1	\$60.75	+	4%	=	\$63.18	Year 2 Avg Hourly
Year 2	\$63.18	+	4%	=	\$65.70	Year 3 Avg Hourly
Year 3	\$65.70	+	4%	=	\$68.33	Year 4 Avg Hourly Rate
Year 4	\$68.33	+	4%	=	\$71.07	Year 5 Avg Hourly Rate

3. Calculate estimated hours per year (Multiply estimate % each period by total hours)

			Total			
	Estimated % Completed		Hours per		Total Hours	
	Each Period		Cost		per Period	
			Proposal			
Year 1	50.00%	*	51	=	25.5	Estimated Hours Year 1
Year 2	30.00%	*	51	=	15.3	Estimated Hours Year 2
Year 3	20.00%	*	51	=	10.2	Estimated Hours Year 3
Year 4	0.00%	*	51	=	0	Estimated Hours Year 4
Year 5	0.00%	*	51	=	0	Estimated Hours Year 5
Total	100%		Total	=	51	

4. Calculate Total Costs including Escalation (Multiply average hourly rate by the number of hours)

_	Avg Hourly Rate (calculated above)	_	Estimated Hours (calculated above)		Cost Per Period	_
Year 1	\$60.75	*	25.5	=	\$1,549.05	Estimated Hours Year 1
Year 2	\$63.18	*	15.3	=	\$966.61	Estimated Hours Year 2
Year 3	\$65.70	*	10.2	=	\$670.18	Estimated Hours Year 3
Year 4	\$68.33	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$71.07	*	0	=	\$0.00	Estimated Hours Year 5
	Total Direct Labor	Cost wit	h Escalation	=	\$3,185.84	
	Direct Labor Subto	tal befor	e escalation	=	\$3,098.10	
Est	imated total of Direct L	abor Sal	ary Increase	=	\$87.74	Transfer to Page 1

COST PROPOSAL 1

Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)

Prime Consultant or Subconsultant Certifying:

- 2. Terms and conditions of the contract
- 3. Title 23 United States Code Section 112 Letting of Contracts
- 4. 48 Code of Federal Regulations Part 31 Contract Cost Principles and Procedures
- 5. 23 Code of Federal Regulations Part 172 Procurement, Management, and Administration of
- 6. 48 Code of Federal Regulations Part 9904 Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

Name: Gary Parikh Signature: Date of Certification (mm/dd/yyyy): 2/11/2025 Email: gparikh@parikhnet.com Phone Number: 408-452-9000 Address: 1497 N. Milpitas Boulevard, Milpitas, Ca 95035 *An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

Additional effort for Phase I ISA including Alternate 4.	

#4124470.0 – 19 December 9, 2024

Kimley Horn and Associates, Inc. Attn: Michael Mowery 2121 S. El Camino Real, Suite 550 San Mateo, CA 94403

c/o: John Pulliam and Emily Mohney John.Pulliam@kimley-horn.com Emily.Mohney@kimley-horn.com

RE: Vine Trail Yountville to St. Helena Addendum #2 (#4123047.0)

Dear Michael:

The purpose of this letter is to provide a second addendum to our original Agreement dated November 13, 2023. The additional scope of services and associated fees are as follows:

Additional Scope of Services

- A. Consultant agrees to perform the following additional scope of services:
 - 12.1 **Vine Trail Alternate Alignment 4.** Based on preliminary Vine Trail Alternate Alignment No. 4 (which spans from Madison Street to Dwyer Road) prepared by Kimley Horn and, RSA⁺ will prepare a constraints map utilizing Napa County aerial images focused on potential environmental impacts identified in the field for Alternate Alignment 4 only.
 - a. Review the latest version of the preliminary alignment for Alternate 4 prepared by Kimley Horn to understand constrained areas and potential environmental impacts.
 - b. Using the alignment provided by Kimley Horn, RSA⁺ will walk the alternate alignment from Madison Street to Dwyer Road, approximately 1.8 miles in length. The purpose of this walk is to make observations and take field notes to provide trail adjustment recommendations based on the alignment constraints and opportunities using engineering judgment. Call-outs of identified constraints will be shown on the constraint map. This would include drainage channels or culverts, utility conflicts if visible from the surface, trees, intersections, and private improvements such as driveways, walls, and statues. Impacts beyond the provided alternative alignment will not be considered. The collected information, including any recommendations, will be put in AutoCAD only and submitted to client as an AutoCAD file.

c. Attend one (1), half-day office meeting with Kimley Horn to review and go over the constraints that were identified during the site walk and any trail alteration recommendations.

Our budget allows for completion of this work over a period of three (3) weeks and assumes no significant changes to the alignment.

- 12.2 Water Quality Assessment Report Alterations for Alternate Alignment 4. Using the preliminary Vine Trail Alternate Alignment No. 4 and the field walk constraint map obtained from Task 12.1, RSA+ will review and incorporate the Vine Trail Alternate 4 Alignment into the Water Quality Assessment Report.
 - a. Review the field walk constraint map to identify environmental constraints to provide a narrative and proposed environmental mitigation measures to be incorporated into the Water Quality Assessment Report.
 - b. Attend one (1), half-day office meeting to review and go over the revisions to the Water Quality Assessment Report with Kimley Horn.

RSA⁺ will update the Water Quality Assessment Report to address up to one (1) round of comments.

- B. Not included in this scope of services:
 - 1. Grading design or plans.
 - 2. Topographic Survey. Contours if shown, will be per Napa County GIS and should be considered approximate and not be used as a basis for design.
 - 3. Boundary Survey. Property Lines are per Napa County GIS and should not be used for property owner negotiations.
 - 4. Utility Locates and obtaining markings by topographic survey.
 - 5. Structural design of any and all bridge structures, drainage features, and retaining walls.
 - 6. Drainage design for any and all drainage crossings.
 - 7. Coordination with agencies outside of the Vine Trail, Napa County, City of St. Helena, and Town of Yountville.
 - 8. River or stream bank improvements.
 - 9. Floodway Mitigation Evaluation. It is assumed that the improvements will not encroach into any mapped FEMA floodway.

10. Joint trench, electric, gas, CATV, or telephone design.

Additional Fee

We will provide these services on a "Time and	d Materials" (T&M) fee basis	as follows:
Task 12.1Vine Trail Alternate Alignment	(Т	&M)_\$9,500*
Task 12.2Water Quality Assessment Repor Alterations for Altern	t nate Alignment 4(T	&M)_\$6,000*
* Estimate of fee for this task. Actual	fee will be based on require	ed effort to complete task.
Please sign in the space provided below to in our original Agreement. Please feel free to o	•	
Sincerely,	Agreed:	
Signed by: Jury Sill 8183A377D2FF446 Jeremy Sill, PE Associate Principal RCE 73257	By: Michael Mowery	Date

to

MY/bs #4124470.1 – 19



Certificate Of Completion

Envelope Id: E9F25DB8-D0E0-45E1-B89A-4083F59E2BB6

Subject: Complete with Docusign: Amendment #5 to Agreement No. 240200B with Kimley-Horn to KH.pdf

Source Envelope:

Document Pages: 47 Signatures: 3 **Envelope Originator:** Certificate Pages: 2 Initials: 0 Mandy Costello AutoNav: Enabled 401 Fayetteville St.

Envelopeld Stamping: Enabled

Time Zone: (UTC-05:00) Eastern Time (US & Canada) Raleigh, NC 27601

> Mandy.Costello@kimley-horn.com IP Address: 134.238.198.140

Sent: 5/19/2025 11:26:52 AM

Viewed: 5/19/2025 1:27:45 PM

Signed: 5/19/2025 1:29:13 PM

Status: Completed

Suite 600

Record Tracking

Status: Original Holder: Mandy Costello Location: DocuSign

John Pulliam

21C0A49EFE2E415..

5/19/2025 11:23:10 AM Mandy.Costello@kimley-horn.com

Signer Events Signature **Timestamp**

John Pulliam john.pulliam@kimley-horn.com

Security Level: Email, Account Authentication

(None)

Signature Adoption: Pre-selected Style Using IP Address: 104.28.123.67 Signed using mobile

Electronic Record and Signature Disclosure:

Not Offered via Docusign

Mike Mowery mike.mowery@kimley-horn.com Senior VP, CA PE C66353

Kimley-Horn

Security Level: Email, Account Authentication

(None)

Vichael 1. Mowery C8A5B0C74CCB4AA..

Signature Adoption: Uploaded Signature Image

Using IP Address: 134.238.198.140

Sent: 5/19/2025 11:26:51 AM Viewed: 5/19/2025 11:42:07 AM Signed: 5/19/2025 12:06:34 PM

Electronic Record and Signature Disclosure:

Not Offered via Docusign

In Person Signer Events	Signature	Timestamp
Editor Delivery Events	Status	Timestamp
Agent Delivery Events	Status	Timestamp
Intermediary Delivery Events	Status	Timestamp
Certified Delivery Events	Status	Timestamp
Carbon Copy Events	Status	Timestamp
Witness Events	Signature	Timestamp
Notary Events	Signature	Timestamp
Envelope Summary Events	Status	Timestamps
Envelope Sent Certified Delivered	Hashed/Encrypted Security Checked	5/19/2025 11:26:52 AM 5/19/2025 11:42:07 AM

Envelope Summary Events	Status	Timestamps
Signing Complete	Security Checked	5/19/2025 12:06:34 PM
Completed	Security Checked	5/19/2025 1:29:13 PM
Payment Events	Status	Timestamps