

CONTRACT FOR SERVICES

THIS CONTRACT is made on _____, 2021, by and between the CITY OF ROCKLIN a municipal corporation ("City"), and

Jacobs Engineering Group, Inc.
2485 Natomas Park Drive
Sacramento, CA 95833
(916) 952-3890/luke.mcneelcaird@jacobs.com

"Contractor" who mutually agree as follows:

1. SCOPE OF SERVICES

Subject to the terms and conditions set forth in this agreement, Contractor shall provide to the City the services described in the Scope of Work, Exhibit A. Contractor shall provide the services at the time, place and in the manner specified in Exhibits A and/or B. Contractor shall not be compensated for services outside the scope of Exhibit A unless prior to the commencement of the services: (a) Contractor notifies the City and City agrees the services are outside the scope of Exhibit A; (b) Contractor estimates the additional compensation required for these additional services; and (c) City after notice, approves in writing a supplemental agreement specifying the additional services and the amount of compensation therefore. City shall have no obligation whatsoever under this agreement or any supplemental agreement, unless and until the agreement or supplemental agreement is approved by the City Manager, the City Manager's authorized designee, or by the Rocklin City Council, as required by the Rocklin Municipal Code or other local law or policy.

2. COMPENSATION

A. The City shall pay Contractor for the services rendered pursuant to this agreement at the times and in the manner set forth in the Scope of Services, Exhibit A, the Schedule for Performance, Exhibit B, and in accordance with the Schedule of Fees in Exhibit C, but in no event shall the total compensation exceed the **total sum of One Million, Eight Hundred Thousand Dollars (\$1,800,000)**. The payments specified in Exhibits A and/or B shall be the only payments to be made to Contractor for the services rendered pursuant to this Agreement unless pursuant to Section 1, above, City approves additional compensation for additional services.

B. Contractor shall furnish City with invoices for all expenses as well as for all materials authorized by this Contract. The invoices shall be submitted with the monthly billings. Reimbursable expenses shall be limited to actual expenditures of Contractor for expenses that are necessary for the proper completion of the services and shall only be payable if specifically authorized in advance by City.

C. Contractor shall submit all billings/invoices for services to City in the manner specified in Exhibit B. Contractor's fees shall be as specified in the Scope of Work, Exhibit A or the Schedule of Fees as set forth in Exhibit C. All invoices submitted by Contractor shall contain the following information:

- (1) Job/project name or description;
- (2) City's current purchase order and/or work order number (if applicable);
- (3) Contractor's invoice number;
- (4) Date of invoice issuance;
- (5) Description of services billed under invoice, including the description of tasks performed and the corresponding rate charged for the completion of that task;
- (6) Amount of invoice, itemizing all authorized reimbursable expenses; and
- (7) Total billed to date under agreement.

D. City shall make payment to Contractor net 30 days from receipt of an acceptable invoice. If Contractor's performance is not in conformity with the Scope of Work, Exhibit A, or the Schedule of Performance, Exhibit B, or the provisions set forth above, payments may be delayed or denied, unless the Contractor's failure to perform is a documented result of the City's failure to conform with the Schedule of Performance, or if the Schedule of Performance is extended pursuant to Section 4. City shall not be responsible for delays in payment to Contractor resulting from Contractor's failure to comply with the invoice format described above, or as set forth in the Schedule of Performance.

E. During performance of the agreement and for a period of three (3) years after completing all services, Contractor shall maintain all accounting and financial records related to this Agreement, including but not limited to records of Contractor's costs for all services performed under this agreement and records of Contractor's reimbursable expenses, in accordance with generally accepted accounting practices, and shall keep and make the records available for inspection and audit by representatives of the City upon reasonable written notice.

F. Contractor shall pay when and as due, any and all taxes incurred as a result of Contractor's compensation hereunder, including estimated taxes, and shall provide City with proof of payment upon request. Contractor hereby agrees to indemnify City for any claims, losses, costs, fees, liabilities, damages or injuries suffered by City arising out of Contractor's breach of this section.

3. FACILITIES AND EQUIPMENT

Contractor shall at its sole cost and expense, furnish all facilities and equipment that may be required for Contractor to perform services pursuant to this agreement. City shall furnish to Contractor, only the facilities and equipment listed in Exhibit A (if any) according to any terms and conditions set forth in Exhibit A.

4. TERM OF CONTRACT

A. This agreement shall become effective on the date that it is approved by both parties, set forth on the first page of the agreement and shall continue in effect until both parties have fully performed their respective obligations under this agreement, unless sooner terminated as provided herein.

B. The services of Contractor are to commence upon receipt of written notice to proceed from the City, and shall be undertaken and completed in accordance with the Schedule of Performance attached hereto and incorporated herein by this reference as **Exhibit B**.

C. The City Manager or his or her designee may, by written instrument signed by the Parties, extend the duration of this Contract for a period equal to the original term of this Contract in the manner provided in Section 7.

5. SUSPENSION/TERMINATION:

A. City shall have the right at any time to temporarily suspend Contractor's performance hereunder, in whole or in part, by giving written notice of suspension to Contractor. If City gives such notice, Contractor shall immediately suspend its activities under this agreement.

B. This Contract may be terminated by either party, provided that the other party is given not less than **60** calendar days' written notice (delivered by certified mail, return receipt requested) of intent to terminate. If the agreement is terminated by the City:

- i. Contractor shall immediately cease rendering services pursuant to this agreement;
- ii. Contractor shall, not later than five days after such notice of termination, deliver to City copies of all information prepared pursuant to this agreement;
- iii. City shall pay Contractor the reasonable value of services rendered by Contractor prior to termination; provided however, City shall not in any manner be liable for lost profits that might have been made by Contractor had the agreement not been terminated or had Contractor completed the services required by this agreement. Contractor shall furnish to City such financial information as in the judgment of the City is necessary for City to determine the reasonable value of the services rendered by Contractor. The foregoing is cumulative and does not affect any right or remedy that city may have in law or equity.

C. Notwithstanding any provisions of this Contract, Contractor shall not be relieved of liability to the City for damages sustained by the City by virtue of any breach of this Contract by Contractor, and the City may withhold any payments due to Contractor until such time as the exact amount of damages, if any, due the City from Contractor is determined.

6. INDEPENDENT CONTRACTOR

Contractor enters into this Contract as an independent contractor and not as an employee or agent of the City. Contractor shall have no power or authority by this Contract to act on behalf of City in any capacity whatsoever as an agent, or to bind the City in any respect or to any obligations whatsoever. Nothing in this Contract shall be construed to be inconsistent with this relationship or status. All employees, agents, contractors or subcontractors hired or retained by the Contractor are employees, agents, contractors or subcontractors of the Contractor and not of the City. The City shall not be obligated in any way to pay any wage claims or other claims made against Contractor by any such employees, agents, contractors or subcontractors, or any other person resulting from performance of this agreement.

7. AMENDMENTS, CHANGES OR MODIFICATIONS

Amendments, changes or modifications in the terms of this Contract may be made at any time by mutual written agreement between the parties hereto and shall be signed by the persons authorized to bind the parties hereto.

8. EXTENSIONS OF TIME

Contractor may, for good cause, request extensions of time to perform the services required hereunder. Such extensions shall be authorized in advance by the City in writing and shall be incorporated in written amendments to this Contract or the attached Work Program in the manner provided in Section 7.

9. PROPERTY OF CITY

It is mutually agreed that all materials prepared by the Contractor under this Contract shall become the property of the City, and the Contractor shall have no property right therein whatsoever. Immediately upon termination, the City shall be entitled to, and the Contractor shall deliver to the City, all data, drawings, specifications, reports, estimates, summaries and other such materials as may have been prepared or accumulated to date by the Contractor in performing this Contract which is not Contractor's privileged information, as defined by law, or Contractor's personnel information, along with all other property belonging exclusively to the City which is in the Contractor's possession.

10. COMPLIANCE WITH ALL LAWS:

Contractor shall keep itself fully informed of, shall observe and comply with, and shall cause any and all persons, firms or corporations employed by it or under its control to observe and comply with, all applicable laws, ordinances, and codes of federal, State and local governments, which in any manner affect those engaged or employed on the work described by this Contract or the materials used or which in any way affect the conduct of the work, and shall commit no trespass on any public or private property in performing any of the work authorized by this Contract.

For all leases and purchases of materials, equipment, supplies or other tangible personal property used to perform the agreement and shipped from outside California, the Contractor and any subcontractors leasing or purchasing such materials, equipment, supplies or other tangible personal property shall obtain a Use Tax Direct Payment Permit or Seller's Permit from the California State Board of Equalization, in accordance with the applicable SBE criteria and requirements. This provision applies in all instances unless prohibited by the funding source for the agreement.

FOR WORK SUBJECT TO PREVAILING WAGES [C. The work contemplated under this Contract is a public work for the purposes of Labor Code section 1720, and is subject to the payment of prevailing wages. Accordingly, Contractor shall comply with the provisions of Exhibit "E".

11. WARRANTIES AND RESPONSIBILITIES - CONTRACTOR

A. Contractor agrees and represents that it is qualified to properly provide the services set forth in **Exhibit "A"** in a manner which is consistent with the generally accepted standards of Contractor's profession.

B. Contractor is duly licensed, qualified and experienced to perform the services set forth in the Scope of Services, Exhibit A. Contractor represents and warrants that Contractor has all licenses, permits, qualifications and approvals of whatsoever nature that are legally required for Contractor to practice its profession or provide any services under this agreement. Contractor

represents and warrants that Contractor shall, at its sole cost and expense, keep in effect or obtain at all times during the term of this agreement, any licenses, permits and approvals that are legally required for Contractor to practice its profession or provide such services. If Contractor is an out of state corporation, Contractor further warrants and represents that it possesses a valid certification of qualification to transact business in the State of California issued by the California Secretary of State.

C. Contractor shall perform all services required pursuant to this agreement in the manner and according to the standards currently observed by a competent practitioner of Contractor's profession in California. Contractor shall devote such time and effort to the performance of services pursuant to this agreement as is necessary for the satisfactory and timely performance of Contractor's obligations under this agreement. Neither party shall be considered in default of this agreement to the extent that party's performance is prevented or delayed by any cause that is beyond the reasonable control of that party.

D. All products of whatsoever nature that Contractor delivers to City pursuant to this Agreement shall be prepared in a professional manner and conform to the standards of quality normally observed by a person currently practicing in Contractor's profession, and shall be provided in accordance with any scope of services or schedule of performance specified in Exhibits A or B.

E. Contractor shall assign only competent personnel to perform services pursuant to this agreement. Contractor shall designate a project manager who at all times shall represent the Contractor before the City on all matters relating to this Contract. The project manager shall continue in such capacity unless and until he or she is removed at the request of the City, is no longer employed by Contractor, or is replaced with the written approval of the City, which approval shall not be unreasonably withheld. Contractor shall notify City in writing, of any other changes in Contractor's staff assigned to perform the services required under this agreement, prior to any such performance. In the event the City desires the removal of any person assigned by Contractor to perform services pursuant to this agreement, because the City in its sole discretion, determines that such person is not performing in accordance with the standards required herein, Contractor shall remove such person immediately upon receiving notice from the City of the desire for the removal of such person.

F. Contractor agrees and represents that the work performed under this Contract shall be in accordance with applicable federal, State and local law.

G. Contractor shall provide corrective services without charge to the City for services which fail to meet the above professional and legal standards and which are reported to Contractor in writing within sixty (60) days of discovery. Should Contractor fail or refuse to perform promptly its obligations, the City may render or undertake performance thereof and the Contractor agrees it has satisfied itself by its own investigation and research regarding the conditions affecting the work to be done and labor and materials needed, and that its decision to execute this agreement is based on such independent investigation and research. Contractor shall be liable for any expenses thereby incurred.

12. SUBCONTRACTING

None of the services covered by this Contract shall be subcontracted without the prior written consent of the City, which will not be unreasonably withheld. Contractor shall be as fully

responsible to the City for the negligent acts and omissions of its contractors and subcontractors, and of persons either directly or indirectly employed by them, as it is for the negligent acts and omissions of persons directly employed by Contractor.

13. ASSIGNABILITY

Contractor shall not assign or transfer any interest in this Contract whether by assignment or novation, without the prior written consent of the City. The City has a strong interest in the qualifications and capability of the persons and entities that will fulfill the obligations imposed on Contractor under this agreement. However, claims for money due or to become due Contractor from the City under this Contract may be assigned to a financial institution, or to a trustee in bankruptcy, without such approval. Notice of any assignment or transfer whether voluntary or involuntary shall be furnished promptly to the City.

14. INTEREST IN CONTRACT

Contractor covenants that neither it, nor any of its employees, agents, contractors, or subcontractors has any interest, nor shall they acquire any interest, direct or indirect, in the subject of the Contract, nor any other interest which would conflict in any manner or degree with the performance of its services hereunder. Contractor shall make all disclosures required by the City's conflict of interest code in accordance with the category designated by the City, unless the City Manager determines in writing that Contractor's duties are more limited in scope than is warranted by the category designated by the City code and that a narrower disclosure category should apply. Contractor also agrees to make disclosure in compliance with the City conflict of interest code if, at any time after the execution of this Contract, City determines and notifies Contractor in writing that Contractor's duties under this Contract warrant greater disclosure by Contractor than was originally contemplated. Contractor shall make disclosures in the time, place and manner set forth in the conflict of interest code and as directed by the City.

15. MATERIALS CONFIDENTIAL

To the extent permitted by law, all of the materials prepared or assembled by Contractor pursuant to performance of this Contract are confidential and Contractor agrees that they shall not be made available to any individual or organization without the prior written approval of the City, except by court order.

16. LIABILITY OF CONTRACTOR-NEGLIGENCE

Contractor shall be responsible for performing the work under this Contract in a manner which is consistent with the generally-accepted standards of the Contractor's profession and shall be liable for its own negligence and the negligent acts of its employees, agents, contractors and subcontractors. The City shall have no right of control over the manner in which the work is to be done but only as to its outcome, and shall not be charged with the responsibility of preventing risk to Contractor or its employees, agents, contractors or subcontractors.

17. INDEMNITY AND LITIGATION COSTS

Contractor shall protect, hold free and harmless, defend and indemnify the Agency, its Contractors, and each of their officers, employees and agents, from any and all liability, penalties, costs, losses, damages, expenses, causes of action, claims or judgments, including attorney's fees and expenses of litigation arising out of, pertaining to, or relating to the negligence,

recklessness, or willful misconduct of the Contractor, its employees or anyone else employed by the Contractor in the performance of professional design services under this agreement, to the extent of the Contractor's proportionate percentage of fault.

To the extent permitted by Civil Code section 2782.8, for all other claims unrelated to the provision of professional design services, the Contractor shall protect, hold free and harmless, defend and indemnify the Agency, its Contractors, and each of their officers, employees and agents, from any and all liability, penalties, costs, losses, damages, expenses, causes of action, claims or judgments, including attorney's fees and expenses of litigation, which arise out of or are in any way connected with the Contractor's, or its subcontractors' or suppliers', performance under this agreement or failure to comply with any of the obligations contained in the agreement. This indemnity shall imply no reciprocal right of the Contractor in any action on the agreement pursuant to California Civil Code section 1717 or section 1717.5. To the fullest extent legally permissible, this indemnity, defense and hold harmless agreement by the Contractor shall apply to any and all acts or omissions unrelated to the provision of professional design services, whether active or passive, on the part of the Contractor or its agents, employees, representatives, or subcontractor's agents, employees and representatives, resulting in claim or liability, irrespective of whether or not any acts or omissions of the parties to be indemnified hereunder may also have been a contributing factor to the liability, except such loss or damage which was caused by the active negligence, the sole negligence, or the willful misconduct of the Agency.

18. CONTRACTOR TO PROVIDE INSURANCE

Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Contractor, its agents, representatives, or employees.

A. MINIMUM SCOPE AND LIMIT OF INSURANCE

1. **Commercial General Liability (CGL):** Insurance Services Office Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal & advertising injury with limits no less than **\$2,000,000** per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (ISO CG 25 03 or 25 04) or the general aggregate limit shall be twice the required occurrence limit.

2. **Automobile Liability:** Insurance Services Office Form Number CA 0001 covering, Code 1 (any auto), or if Contractor has no owned autos, Code 8 (hired) and 9 (non-owned), with limit no less than **\$1,000,000** per accident for bodily injury and property damage.

3. **Workers' Compensation** insurance as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than **\$1,000,000** per accident for bodily injury or disease.

4. **Professional Liability** (Errors and Omissions) Insurance appropriate to the Contractor's profession, with limit no less than **\$2,000,000** per occurrence or claim, \$2,000,000 aggregate.

B. Other Insurance Provisions

The insurance policies are to contain, or be endorsed to contain, the following provisions:

1. ***Additional Insured Status.*** The City, its officers, officials, employees, and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts, or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Contractor's insurance (at least as broad as ISO Form CG 20 10 11 85 or both CG 20 10, CG 20 26, CG 20 33, or CG 20 38; and CG 20 37 forms if later revisions used).

2. ***Primary Coverage.*** For any claims related to this contract, the Contractor's insurance coverage shall be primary with coverage at least as broad as ISO CG 20 01 04 13 as respects the City, its officers, officials, employees, or volunteers, and shall be in excess of the Contractor's insurance and shall not contribute to it.

3. ***Notice of Cancellation.*** Each insurance policy required above shall state that coverage shall not be canceled, except with notice to the City.

4. ***Waiver of Subrogation.*** *Except for Professional Liability*, Contractor hereby grants to City a waiver of any right to subrogation which any insurer of said Contractor may acquire against the City by virtue of the payment of any loss under such insurance. Contractor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the City has received a waiver of subrogation endorsement from the insurer.

5. ***Acceptability of Insurers.*** Insurance is to be placed with insurers authorized to conduct business in the state with a current A.M. Best's rating of no less than A:VII, unless otherwise acceptable to the City.

6. ***Claims Made Policies.*** If any of the required policies provide coverage on a claims made basis:

- i. The Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work.
- ii. Insurance must be maintained and evidence of insurance must be provided for at least five (5) years after completion of the contract of work.
- iii. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a Retroactive Date prior to the contract effective date, the Contractor must purchase "extended reporting" coverage for a minimum of five (5) years after completion of contract work.

7. ***Verification of Coverage.*** Contractor shall furnish the City with original Certificate of Insurance including all required amendatory endorsements (or copies of the applicable policy language effecting coverage

required by this clause) and a copy of the Declarations and Endorsement Page of the CGL policy listing all policy endorsements to the City before work begins. However, failure to obtain the required documents prior to the work beginning shall not waive the Contractor's obligation to provide them.

8. **Subcontractors.** Contractor shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and Contractor shall ensure that City is an additional insured on insurance required from subcontractors.

9. **Special Risks or Circumstances.** City reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstances.

19. GENERAL/MISCELLANEOUS PROVISIONS:

A. **Contract Documents.** This agreement and its exhibits shall be known as the "Contract Documents." Terms set forth in any Contract Document shall be deemed to be incorporated in all Contract Documents as if set forth in full therein. In the event of conflict between terms contained in these Contract Documents, the more specific term shall control. If any portion of the Contract Documents shall be in conflict with any other portion, provisions contained in the Contract shall govern over conflicting provisions contained in the exhibits to the Contract. In the event of any conflict between the terms or conditions of this written agreement and any terms or conditions of any document prepared or provided by Contractor and made a part of this agreement, including without limitation any document relating to the scope of services or payment therefor, the written terms of this document shall control over those terms or conditions.

B. **Non-Discrimination in Employment and Equal Employment Opportunity.** Contractor shall not engage in unlawful employment discrimination. Such unlawful employment discrimination includes, but is not limited to, employment discrimination based upon a person's race, color, ancestry, national origin, religious creed, sex (including pregnancy, childbirth breastfeeding or related medical condition), sexual orientation, gender, gender identity, gender expression, age (over 40), disability (mental and physical), medical condition, marital status, citizenship, and military and veteran status.

C. **Inspection of Records.** Contractor shall maintain and make available for inspection by the City and its auditors accurate records of all of its costs, disbursements and receipts with respect to any work under this Contract. Such inspections may be made during regular office hours at any time until six (6) months after the final payments under this Contract are made to the Contractor.

D. **Entire Agreement.** This Contract constitutes the entire agreement between the parties relative to the services specified herein and supersedes whatever oral or written understanding they may have had prior to the execution of this agreement. No alteration or modification of this agreement shall be valid or effective unless and until such modification is evidenced by a writing signed by both parties to this Contract, by persons authorized to act on behalf of the parties. There are no understandings, agreements, conditions, representations, warranties or promises, with respect to this Contract, except those contained in or referred to in the writing.

E. **Severability.** If any portion of this agreement or the application thereof to any person or circumstance shall be held invalid or unenforceable, the remainder of this agreement shall not be affected thereby and shall be enforced to the greatest extent permitted by law.

F. **Waiver.** Neither City's acceptance of, or payment for, any service performed by Contractor, nor any waiver by either party of any default, breach, or condition precedent, shall be construed as a waiver of any provision of this agreement, nor as a waiver of any other default, breach or condition precedent or any other right hereunder.

G. **Notice.** All notices that are required to be given by one party to the other under this Contract shall be in writing and shall be deemed to have been given if delivered personally or enclosed in a properly addressed envelope and deposited in a United States Post Office for delivery by registered or certified mail addressed to the parties at the following addresses:

City:	City of Rocklin 4081 Alvis Court Rocklin, CA 95677
Copy to:	City Attorney City of Rocklin 3970 Rocklin Road Rocklin, CA 95677 Email: LegalNotices@rocklin.ca.us
Contractor:	Jacobs Engineering Group, Inc. 2485 Natomas Park Drive Sacramento, CA 95833

H. **Enforcement of Agreement.** This Contract shall be interpreted, governed and enforced in accordance with the laws of the State of California. Venue of any action arising out of this Contract shall be brought and maintained in Placer County California, regardless of where else venue may lie. The parties consent to jurisdiction over their persons and over the subject matter of any such litigation in such court, and consent to service of process issued by such courts.

I. **Attorney's Fees.** In any action brought by either party to enforce the terms of this Contract, each party shall bear responsibility for its attorney's fees and all costs regardless of whether one party is determined to be the prevailing party.

J. **Power and Authority to Enter into Agreement.** All parties to this Agreement warrant and represent that they have the power and authority to enter into this Agreement in the names, titles, and capacities herein stated and on behalf of any entities, persons, or firms represented or purported to be represented by such entity(ies), person(s), or firm(s) and that all formal requirements necessary or required by any state and/or federal law in order to enter into this Agreement have been fully complied with. Furthermore, by entering into this Agreement, Contractor hereby warrants that it shall not have breached the terms or conditions of any other contract or Agreement to which Contractor is obligated, which breach would have a material effect hereon.

K. **Exhibits.** All exhibits referred to herein and attached hereto, are by this reference incorporated as if set forth fully herein.

CITY OF ROCKLIN

By: _____
Aly Zimmermann, City Manager

ATTEST:

By: _____
Hope Ithurnburn, City Clerk

APPROVED AS TO FORM:

By: _____
Sheri Chapman, City Attorney

CONTRACTOR

By: _____

Print Name: _____

Title: _____

By: _____

Print Name: _____

Title: _____

EXHIBIT A

Contractor Proposal/Scope of Work

Project Approval and Environmental Document (PA&ED) Services for Rocklin Road and Interstate 80 Interchange Project

This scope includes the necessary and reasonable work for preliminary engineering, public outreach, right-of-way support, and environmental clearance support for the Rocklin Road/Interstate 80 Interchange Project (Project). The Project limits will encompass Rocklin Road from Granite Drive to Aguilar Road, and Interstate 80 between Highway 65 and Sierra College Boulevard. The environmental and traffic study limits may extend beyond these limits as required to satisfy the California Department of Transportation (Caltrans) requirements. Widening of Rocklin Road east of Aguilar Road may be designed and constructed as a separate project in the future and is not included in this scope of services.

The scope is defined below including optional tasks that may be authorized on a task by task basis as deemed necessary by the City of Rocklin (City). Work will not begin on those tasks until written authorization is provided by the Director of Public Works or their designated representative.

Key staff identified for the Project will not be substituted without prior consent from the City.

Key staff for the Project include:

- Leslie Bonneau, PMP – Consultant Principal-In-Charge
- Luke McNeel-Caird, PE – Consultant Project Manager
- Ashley Kellogg, PE – Consultant Deputy Project Manager
- Mike Robinson, PE – Consultant Engineering Lead
- Matt Franck – Consultant Environmental Lead

The request for proposals includes the option to extend the contract into Plans, Specifications & Estimates (PS&E) once PA&ED is completed. A full scope, schedule, and fee can be provided for the Jacobs team to complete the PS&E phase at the City's request.

Task 1 – Project Management

Jacobs (Consultant) will provide project management and coordination services for the completion of work including:

1. Project Management, coordination, and communication
2. Monthly progress reports and invoicing
3. Critical Path Method (CPM) scheduling updated every 2 months
4. Quality Control (QC) and Quality Assurance (QA)
5. Monthly Project Development Team (PDT) meetings (includes kick-off meeting)
6. Biweekly Project Management (PM) Coordination Meetings with Caltrans and City

Task 1.1 – Project Management, Coordination, and Communication

Consultant will perform administrative functions, including filing, word processing, meeting coordination, and mailings. Consultant will manage the Project and coordinate technical design

and environmental tasks through correspondence, project meetings, and memorandums. The Consultant's Project Manager will be the primary point of contact for the City. Consultant will prepare a Project Management Plan (PMP) that will facilitate project management and coordination for the team during the PA&ED development. This plan will consist of the project scope, schedule, and budget, project charter/team communication plan, project file setup and maintenance, project deliverable and Computer Aided Design (CAD) production guidelines, invoicing format and requirements, and Project progress monitoring requirements.

Deliverables

- PMP
- Project Team contact list

Task 1.2 – Monthly Progress Reports and Invoicing

Consultant will prepare monthly invoices and progress reports and submit these to the City. Prior to the first invoice submittal, the invoice formatting will be established with the City for contract compliance and will follow appropriate standard accounting guidelines.

The accompanying monthly progress report will include a summary of activities performed, budget status by task, issues identified/resolved during the billing period, and anticipated work during the next period. Out-of-scope work will not be performed without prior written approval from the City. A summary of approved out-of-scope work performed will be summarized in each progress report.

Deliverables

- Up to 20 monthly progress reports and invoices.

Task 1.3 – CPM Scheduling

Consultant will prepare and comply with a CPM/project schedule and maintain the project schedule on a bi-monthly basis. The schedule will be prepared with Microsoft Project.

Deliverables

- Up to 10 schedule updates (mpp and pdf formats)

Task 1.4 – Quality Control and Quality Assurance

Consultant will provide the technical resources and QC and QA process for the Project. A Quality Management Plan (QMP) will be prepared for team guidance on the Project. The Consultant Project Manager will work with the City, Caltrans, and the PDT to adapt the QC and QA processes, consistent with the Caltrans Quality Management Handbook, in order to accommodate Caltrans available resources during reviews by the Caltrans Functional Units. The QC and QA task includes providing senior input and support for key deliverables and decision making. The City reserves the right to obtain copies of the Consultant's QC and QA review for all deliverables.

Deliverables

- One (1) Quality Management Plan (pdf)

Task 1.5 – PDT Meetings

The PDT will monitor project progress, identify and solve problems, provide input for the work effort, advise the Project Manager in directing the course of work oversight, participate in major meetings/hearings, and foster results that will lead to project implementation. The PDT will

consist of a group of key interdisciplinary project team members from the City, applicable consultant team members, the Caltrans Project Manager, and appropriate Caltrans functional unit representatives. The PDT will be guided by the policies and procedures required for the planning, processing, and approval of the Project, in accordance with City guidance and the Caltrans Project Development Procedures Manual (PDPM).

Consultant will coordinate, attend, and document a Project kick-off meeting with the PDT including the City, Caltrans, and other key agencies as directed by the City to establish liaison, schedule key milestones, coordinate team/agency expectations, establish the PMP, project schedule, and approach for the PA&ED phase. The discussion will include Caltrans coordination procedures, the completed Project Study Report-Project Development Support (PSR-PDS) review, project purpose and need refinement, traffic modeling/forecast, potential additional alternatives/concepts, and public outreach.

The kick-off meeting will be the means of verifying the project scope and schedule for commencement of the Project. The PDT meetings will serve as the primary forum for reviewing the status of the Project and identifying and resolving project issues. Consultant will provide meeting notices, prepare meeting materials, action item log, and agendas, attend, and prepare meeting summaries for up to twenty (20) monthly PDT meetings. Depending on restrictions, the PDT meetings will be held via web conference or in-person. Consultant will distribute meeting summaries to the PDT. PDT meetings will be held monthly unless otherwise directed by the City. Technical focus meetings may be held in lieu of PDT meetings as directed by the City.

Deliverables

- Preparation and distribution of meeting materials for one (1) kick-off meeting
- Preparation and distribution of meeting materials for up to 20 monthly PDT meetings

Task 1.6 – Biweekly PM Coordination Meetings

Consultant will lead biweekly meetings with the City PM, the Caltrans PM, and the Consultant PM to stay aligned on critical action items, make decisions, and collaboratively strategize to keep the Project on schedule. Up to 40 meetings will be held via web conference and are anticipated to last 30 minutes. Consultant will distribute the meeting agenda and follow up action items by email.

Deliverables

- Preparation and distribution of meeting materials for up to 40 PM Coordination Meetings every 2 weeks

Task 1.7 – Caltrans District 3 Deputy Meetings

When there are issues that cannot be resolved by the PDT, the consultant will initiate and facilitate coordination with Caltrans District 3 Deputy Directors, including the following key individuals that Jacobs already has established relationships:

- | | |
|----------------------------------------------------|----------------------------------------------------|
| • Carlos Portillo, Design | • John Ballantyne, Right of Way |
| • Suzy Melim, Environmental | • Andy Alvarado, Construction & Project Management |
| • Patrick Bishop, Maintenance & Traffic Operations | • Sue Takhar, Planning |

Consultant will prepare for, attend, and document up to 3 meetings with Caltrans District 3 Deputy Directors at the request of the City.

Deliverables

- Participation in up to 3 coordination meetings with Caltrans

Task 1.8 – Kick-Start the Project Schedule

The Jacobs team has been proactive in talking with Caltrans related to key issues that may result in project delays, and we have already incorporated into this scope items that will save the project time and money. Once the Jacobs team receives notice to proceed, we will immediately initiate the following activities:

- Prepare Caltrans and City (if necessary) encroachment permits to allow consultant staff to begin field work and surveys in the project limits
- Submit a policy waiver to Brian Alconcel, Caltrans District 3 Office Chief of Traffic Operations, to approve for not including HOV Ramp Preferential Lanes and CHP Ramp Enforcement Areas on the eastbound and westbound on-ramps.
- Get early buy in on revised 2012 PSR-PDS purpose and need for the project:

The purpose of the project is to improve circulation, enhance safety, and enhance pedestrian and bicycle access through the interchange. The proposed need should take into account the construction of the I-80 Auxiliary Lane between Highway 65 and Rocklin Road and that competitive grant funding will need to be pursued for bicycle and pedestrian improvements. The 2012 PSR-PDS need and purpose should be updated to reflect current funding criteria to increase the focus on person and goods movement throughput, along with multi-modal criteria. For example:

Need

Increase Movement of People and Goods: The proximity of Sierra Community College to the east of the interchange results in volumes of traffic that, in addition to other local traffic, exceeds the current design capacity of the interchange. Additionally, vehicle queuing has been observed on Rocklin Road in the eastbound and westbound direction at both ramp intersections during AM and PM peak hours.

Enhance Safety: Congestion on Rocklin Road at the ramp termini intersections has contributed, in part, to higher than average accident rates at these locations.

Improve Pedestrian and Bicycle Access through the Interchange: Currently a 4½ foot pedestrian walkway is provided through the interchange on the south side of Rocklin Road only. There are no bike lanes or other off- roadway provisions for bicyclists through the undercrossing.

Purpose

- Increase throughput of people and goods on Rocklin Road through the Interstate 80 interchange
- Reduce vehicle queues along Rocklin Road east and west of the Interstate 80 interchange
- Reduce potential for vehicles backing up on to Interstate 80 in the eastbound and westbound directions
- Maintain existing bicycle and pedestrian access along Rocklin Road through the interchange and improve if grant funding is secured

Deliverables

- Caltrans' Encroachment Permit
- Prepare and submit ramp improvement policy waiver for Caltrans approval
- Revised Need and Purpose

Task 1.9 – Senate Bill 1 Grant Applications

The Jacobs team will take the lead, working with the City of Rocklin, to develop both a Local Partnership Program (LPP) and an Active Transportation Program (ATP) grant application for the I-80/Rocklin Road interchange for submission in 2022. A project fact sheet will be developed early in the process to use in meeting with commissioners of the California Transportation Commission to help shape the project narrative.

The LPP grant includes, per the CTC guidelines, sections on general information, screening criteria, evaluation criteria, funding and deliverability, and community impacts, including development of 23 required performance measures and if possible, 7 optional performance metrics, for a total of up to 30 performance metrics under future build and no build conditions. This scope includes preparing a draft application for City of Rocklin review, incorporating comments, and submitting a final electronic application to the CTC.

ATP grants are prepared for Large Projects (more than \$7 million), Medium Projects, and Small Projects (less than \$2 million). This scope assumes preparation of a Large Project application, which also requires a field review with CTC and Caltrans staff. Per the CTC guidelines, evaluation of Large Projects includes application sections on Benefits to Disadvantaged Communities (DAC), Need, Safety, Public Participation & Planning, Scope & Plan Layout Consistency, Cost Effectiveness, Context Sensitive & Innovation, Transformative Projects, Leveraging, California Conservation Corps Involvement, and Past Performance. This scope includes preparing a draft application for City of Rocklin review, incorporating comments, and submitting a final electronic application to the CTC. The scope also includes adding supplemental information to submit the grant application to SACOG.

If the bike and pedestrian undercrossing or overcrossing is included in the Placer-Sacramento Gateway Plan Solutions for Congested Corridors (SCCP) application for 2022 and/or 2024, then PCTPA, CCJPA, Caltrans District 3, and SACOG would prepare the SCCP application. Preparing a SCCP and/or Trade Corridor Enhancement Program (TCEP) application is not included in this scope.

Celia McAdam of AIM Consulting will use her decades of expertise in transportation funding to advise on an effective funding strategy. Sources considered will include LPP, ATP, SCCP, TCEP, STIP/ITIP, local road funds, contributions from impacted entities like Sierra Community College, existing traffic impact fees, Federal funding opportunities such as the new transportation reauthorization, the transportation sales tax being considered for the ballot in South Placer County, and other potential sources.

Deliverables

- Coordinate and setup up to three (3) meetings with CTC commissioners/staff
- Provide coordination/translation between the technical information and public outreach to maximize public understanding of the project and build the necessary consensus.
- Review grant applications and provide recommendations on ways to classify and frame the project to maximize competitiveness for SB 1 grants and other promising funding sources

- Advise how to approach the decision makers, particularly Caltrans and CTC, for funding sources, including points to emphasize and leveraging opportunities
- Develop a 1-page project information sheet to summarize and promote the project benefits in a high-impact format for presentations to funding decision makers
- Draft and final LPP grant application submitted to CTC in 2022
- Draft and final ATP grant application submitted to CTC and SACOG in 2022

Task 2 – Field Survey and Right-of-Way Mapping

Task 2.1 Boundary Survey and Aerial Topographic Mapping

Consultant will coordinate with Caltrans and the City to determine the appropriate Project Control. We will request and obtain Caltrans current Right-of-Way maps and Monument Maps along the Project corridor. We will obtain all necessary permits for survey work within the Caltrans Right-of-Way along the project corridor. We will obtain the necessary mapping and documentation from Placer County to be used for the Right-of-Way surveying and adjacent properties within the Project limits. Surveys will locate monuments, pins, monument wells, and other boundary markers necessary to resolve and map adjoining parcels. We will prepare an overall (LANDNET) base map as the basis of the right-of-way and parcel boundaries. The base map will be prepared with sufficient detail and accuracy to be applicable to the development of legal descriptions and plats during later phases of the project.

Consultant will coordinate with Caltrans and the City to facilitate the delivery of an overall photogrammetric aerial map and orthophotography. We will set and locate aerial control panels at locations and frequency adequate to meet Caltrans and National Mapping Accuracy Standards of 1"=40' scale mapping, with 1' contour intervals based on the approved mapping limits. Aerial based topographic mapping will show visible surface features, 1' contours, Digital Terrain Model (DTM) ground surface and spot elevations within the mapping limits utilizing the current Caltrans mapping standards. Color photo background imagery will be prepared along the limits utilizing the aerial photography. The imagery will be adjusted using ortho-correction within the mapping limits, and simple rectification within the ground control limits. The general limits include mapping of a portion of Interstate 80 and Rocklin Road and sufficient length and width at the proposed interchange location for on-ramp/off-ramp and pedestrian overcrossing and/or undercrossing alternatives. Topographic mapping will be provided 200 feet on each side of Caltrans R/W for adequate hydrology and hydraulic analysis. Consultant will provide Caltrans the necessary aerial layout and flight plan that will require approval in three stages (ABC process) per the "Required Materials for Photogrammetric Mapping" standards.

Consultant will set durable control points along the Project limits and just beyond for utilization of future surveys and construction control. Project datum will be provided by Caltrans corridor control. NAD83, California State Plane Coordinates, Zone 2 and NAVD88 elevations will be used. Surveying and mapping shall conform with the Land Surveyors Act and Caltrans Survey Manual.

Deliverables

- LANDNET Boundary Base Map
- Aerial Base File, DTM File, Resolved Ground Surface Model Image Files

Task 2.2 Utility and Topographic Surveys

Consultant will perform surveys to locate all visible utilities. Utilities to locate will include poles, signals, overhead wires, lights, gas, water, electrical, valves, storm drain structures and manholes, sewer manholes, fiber, and other visible utilities. We will perform measure downs to accessible storm-drain and sewer structures and manholes for depth, invert, pipe size and flow direction within the Project limits. We will provide survey measurements to sub-surface investigative utilities and potholing. After completion of surveys, Consultant will map utilities and pot-holing data into the topographic survey base files.

Consultant will perform surveys to locate topographic features critical to design. Items to locate shall include areas under trees, drainage surveys and waterway surveys, above ground and sub-surface utilities. After completion of surveys, Consultant will map the topographic data into the main topographic survey base file.

Deliverables

- Utility Mapping, Point Files, Topographic Mapping

Task 2.3 Right-of-Way Mapping

Record right-of-way maps and documents including Caltrans right of way maps will be retrieved and analyzed to provide an approximate location of the right-of-way and adjacent boundary lines.

Once the field surveying portion of the project begins, monuments identified per our record research will be located, sufficient in number, to establish the existing right-of-way. Existing easements encumbering the property are mapped and placed in a survey base map. The base map will also include assessor's parcel number and street addresses.

Deliverables

- Right-of-Way Base Map

Task 2.4 Additional Field Survey

It is anticipated that Caltrans will complete construction of the I-80 Auxiliary Lanes project in 2023 that will require updated field survey. Consultant will perform additional topographic survey work post construction of the Caltrans freeway improvement. Depending on the timing of construction for the I-80 Auxiliary Lanes project, this effort may be moved to PS&E phase.

Deliverables

- Project Base Map, AutoCAD files including all images and external references
- Digital Color Orthometric imagery

Task 3 – Interchange Concept Refinement

The Jacobs Team will develop conceptual plans for the Project in accordance with the Caltrans PDPM guidelines for the Project Report (PR) phase of the project development process.

The City previously completed a PSR-PDS in 2012 that evaluated three alternatives: 1) Westbound Flyover Structure 2) Roundabout Controlled intersections and 3) Widening of Rocklin Road. These alternatives resulted in high construction costs and right of way impacts or did not address the operational needs in the design year, therefore the three PSR-PDS alternatives will be included in the Project Report as “Alternatives Considered but Rejected”. Up to three (3) new conceptual interchange configuration alternatives will be developed, including the two DDI concepts developed by Jacobs, through a combination of initial investigations by the City, Caltrans, and the PDT, with input from the stakeholders and public

outreach, to develop a range of concepts for discussion and consideration. The concepts will be initially screened for viability against criteria established by the PDT, to eliminate alternatives that are not consistent with the project purpose and need objectives and do not meet the screening criteria.

The initial concept screening will be based on the City of Rocklin's General Plan Update traffic forecasting modeling for the existing condition and future no project condition, which is already available, and available environmental data. The concepts will be developed to sufficient level of detail to provide comparative results from assessment of each concept against the screening criteria. The concepts will be developed in a roll plot format showing plan views of lane and shoulder widths, bicycle/pedestrian facilities, and other information to allow the reviewer to identify the impacts associated with the alternative and overall footprint. Profile information will be developed where it is necessary to determine the viability of the concept. Three-dimensional modeling using Inroads, OpenRoads, or Civil3D is excluded from this task.

After the concepts are presented to the public in the first public meeting, the concepts will be further refined by the PDT. This refined screening of the concepts will be accomplished using input from the Project stakeholders, and operational, physical, and environmental factors. The range of screening factors and evaluation criteria will be refined by the Consultant from the initial criteria developed with the City and the PDT and will include such factors as cost, roadway/design characteristics, constructability, permitting, phasing, traffic operational measures, Right-of-Way impacts, environmental constraints (visual, noise, biological), and public support. A methodology for evaluating the concepts for each screening factor will be developed by the Consultant and presented to the PDT, to provide an assessment of the concept that relative to the others. The results will be summarized in the form of a comparative chart for decision by the PDT for the concepts to be carried forward as up to two (2) Build Alternatives and a No Project alternative for the state CEQA and federal NEPA environmental process.

Any concept screened out during this process will be documented in the "Alternatives Considered but Rejected" section of the Project Report and in the environmental document. The process will also document terrain, obstacles, environmentally sensitive areas, and traffic conditions that may impact concept design.

Deliverables

- Up to three (3) conceptual roll plot exhibits for the concept screening process
- Concept Screening Memorandum including comparative chart (draft and final)

Task 4 – Interchange Alternatives Design Submittal

Consultant will conduct the preliminary design tasks outlined below. These tasks are in support of the development of alternatives for inclusion in the PR. Engineering plans, profiles, and typical sections will be prepared for up to two (2) Build Alternatives for the geometric approval drawings (GAD).

Task 4.1 – Data Collection

Consultant will collect available data from Caltrans, City, and Placer County, including topographic mapping, conceptual design files, improvement plans and design files for adjacent projects, Right-of-Way and parcel maps, utility and drainage data, environmental studies, as-built plans, survey monumentation, maintenance records, and other applicable documents and data. Field reviews will be conducted to collect pertinent data from onsite and to document the area and facilities with photographs.

Task 4.2 – Alternatives Analysis

The two (2) Build alternatives will be carried forward into more detailed geometric design (35% level). Engineering plans will be prepared for each alternative for environmental studies. The plans will be developed on the project base mapping and will address horizontal and vertical alignment for mainline, ramps, and local streets in the Project area, bridge layout, pedestrian and bicycle facilities, limits of cut and fill, right-of-way limits (existing and proposed), and utilities. An aerial roll plot for each Build Alternative will include showing the following:

- Typical cross sections
- Layout Plans
- Profile and Superelevation Diagrams

Up to two (2) GADs will be prepared for inclusion in the PR. Consultant will develop the geometrics to a level of detail to determine earthwork quantity calculations and with sufficient detail to support the PR determination of capital outlay costs for construction and Right-of-Way, and the number and type of design exceptions.

Deliverables

- Aerial roll plot for up to two (2) Build Alternatives including typical cross sections, plans, profiles, and superelevation diagrams
- Geometric Approval Drawings (GAD) for up to two (2) Build Alternatives

Task 4.3 – Design Standard Decision Document

Consultant will prepare a Design Standard Decision Document (DSDD) for nonstandard design elements of the Project. Each Build Alternative will be reviewed for the identification of non-standard features in accordance with Caltrans Highway Design Manual (HDM), Chapter 80, “Application of Design Standards”, Tables 82.1A and B for Bold and Underlined Standards, and compared to the previously approved exceptions from the 2012 PSR-PDS. Exceptions identified will be included in the DSDD for review and approval by Caltrans. Consultant will revise the DSDD in response to up to one (1) round of Caltrans comments and will be included as an attachment to the PR. The DSDD will document up to five (5) non-standard design exceptions in addition to those outlined and previously documented in the 2012 PSR-PDS.

Deliverables

- Design Standard Decision Document (Draft and Final)
- Responses to up to three (3) rounds of Caltrans comments

Task 4.4 – Transportation Management Plan (TMP) Data Sheet

Consultant will prepare a TMP data sheet for up to two (2) Build Alternatives including a review of traffic control restrictions, construction staging/traffic requirements, Construction Zone Enhanced Enforcement Program (COZEEP) requirements, and a review of construction strategies. This information will be compiled into the Caltrans standard TMP Checklist as an attachment to the PR. Consultant will address up to one (1) round of review comments from Caltrans.

Deliverables

- TMP Data Sheet (draft and final)
- Responses to up to one (1) round of Caltrans comments

Task 4.5 – Structures Advanced Planning Studies

It is not anticipated that the I-80 bridge will be modified in the two build alternatives, however, a retaining wall may be needed for the southbound off-ramp. Structures Advanced Planning Studies (APS) will be developed for the structures included in the two (2) Build Alternatives. The studies will be developed in accordance with the requirements of Caltrans Office of Special Funded Projects for new structures. The studies will include preparation of plan drawings showing plan, elevation and section views, and square foot costs for each structure. The plans will be developed in sufficient detail to preview what will be constructed and include items such as foundations, falsework requirements, seismic and aesthetic considerations, and traffic handling. Consultant will respond to up to one (1) round of review comments from Caltrans.

Consultant will prepare and submit a type selection report that sets forth the general plans and preliminary cost estimates for up to two (2) Build alternatives. The type selection report will also include an analysis of the proposed walls within the project with sufficient detail to establish limits and preliminary costs.

Consultant will provide input and structures design support for the development of up to two (2) Build alternatives for the Project, including corresponding retaining wall locations will be developed for environmental document consideration.

Up to one (1) structures will be analyzed in each of the two (2) Build Alternatives. Structures included in each Build alternative include:

- Pedestrian and bicycle I-80 overcrossing
- Pedestrian and bicycle I-80 undercrossing

An APS for retaining walls is only required if non-standard wall types are proposed.

Deliverables

- Advanced Planning Studies for up to two (2) Build Alternatives
- Responses to up to one (1) round of Caltrans comments
- Participation in one (1) Type Selection Meeting with Caltrans
- Draft and Final Type Selection Report

Task 4.6 – Prepare Preliminary Project Cost Estimates

Consultant will prepare quantities and unit costs for up to two (2) Build Alternatives and complete the eleven-page Preliminary Project Cost Estimate Summary for each. Approximate quantities for major construction items will be determined and unit costs will be applied based on Caltrans Contract Cost Data and recent applicable bid results. Estimates will be prepared and submitted with each submittal of the PR.

Deliverables

- Caltrans Preliminary Project Cost Estimate Summary for up to two (2) Build Alternatives at Administrative Draft, Draft, and Final PR submittals (11-page format)

Task 4.7 – Diverging Diamond Interchange Peer Review Memorandum

Jacobs will have an independent review performed by Wood Rodgers of the draft geometrics prepared for the Diverging Diamond Interchange (DDI) concepts. A memorandum will be prepared that addresses key elements of Caltrans Design Information Bulletin (DIB) 90, “Diverging Diamond Interchange” and FHWA’s Diverging Diamond Interchange Informational Guide (Guide). Specific elements of the review will include:

- Signal phasing, design speeds, proximity to signalized intersections, intersection operations, construction costs, site distances
- Required design exceptions – Some recommendations in the Guide are inconsistent with current HDM standards
- Horizontal and vertical geometric characteristics, lane and shoulder widths, intersection spacing
- Pedestrian and bicycle facilities

Deliverables

- Peer review memorandum (City may or may not want to share with Caltrans)

Task 5 – Engineering Technical Studies

Consultant will perform technical studies to support Draft Project Report. Based on the level of impact and need for mitigation, Consultant will work with the City and the PDT to propose mitigation measures. Consultant will prepare the draft and final technical reports to summarize study findings and recommendations for mitigation.

Task 5.1 – Data Review and Field Reconnaissance

Consultant will review the available data and reports, including the PSR and other relevant documents provided by the City and Caltrans. Consultant will perform field reconnaissance to assess the existing site conditions and potential design issues.

Task 5.2 – Preliminary Drainage Study & Hydromodification Assessment

Consultant will perform the preliminary hydraulics design including preparation of a Draft and Final Preliminary Drainage Report. The report will evaluate the existing hydraulic conditions at the Project site, including onsite drainage systems and regional storm drainage systems. The Draft Preliminary Drainage Report will be submitted to Caltrans for review. Up to one (1) round of review comments will be provided by Caltrans. Comments on the draft will be resolved during a comment resolution meeting. Up to one (1) meeting will be required with up to three (3) consultant staff attending. Comments will be resolved by the end of the meeting and consultant will incorporate the resolutions into the final report for submittal to Caltrans. Up to eight (8) conceptual drainage plans will be required for up to two (2) Build Alternatives. Consultant will participate in up to three (3) site visits with up to three (3) consultant staff at each site visit. Existing and proposed Hydrology Maps will be required.

Deliverables

- Draft and Final Drainage/Hydromodification Assessment Report including up to eight (8) conceptual drainage plans for up to two (2) Build Alternatives
- Responses to up to one (1) round of review comments from Caltrans
- Meeting materials (agenda and minutes) for up to one (1) comment resolution meeting with Caltrans

Task 5.3 – Location Hydraulic Study/Floodplain Encroachment Report

Consultant will research the available hydrologic and hydraulic information within the Project limits. Consultant will perform a floodplain risk assessment to assess the existing floodplain limits and determine the potential floodplain impacts from the proposed project alternatives. Consultant will work with the City and the PDT to minimize any potential floodplain impacts and prepare a technical report to summarize the floodplain impacts and need for mitigation.

There will be no detailed creek channel cross section survey required for this phase of the Project. The hydraulic study will be performed using data from Federal Emergency Management Agency (FEMA), the City, and the Sacramento Area Flood Control Agency. The Draft Location Hydraulic Study and Summary Floodplain Encroachment Report will be prepared and submitted to Caltrans for technical review. Consultant will be provided up to one (1) single consolidated set of review comments from Caltrans. Consultant will respond to up to one (1) round of review comments from Caltrans and identify any comments that require further coordination or resolution. Consultant will schedule and attend up to one (1) comment resolution meeting with Caltrans, if needed, to resolve outstanding comments. Up to three (3) consultant staff will join the comment resolution meeting as needed. Consultant will incorporate changes into the Final Location Hydraulic Study and Final Summary Floodplain Encroachment Report and submit final versions to Caltrans. Based on the results of these two studies, Consultant will prepare an abstract for inclusion in the environmental document text.

Deliverables

- Draft and Final Location Hydraulic Study
- Draft and Final Floodplain Evaluation Study Report
- Responses to one (1) round of review comments from Caltrans
- Meeting materials (agenda and minutes) for up to one (1) comment resolution meeting with Caltrans

Task 5.4 – Stormwater Data Report (SWDR)

Consultant will prepare a PA&ED phase stormwater data report summarizing project impacts to water quality, general mitigation measures, and recommended temporary construction site and permanent best management practices (BMPs). Consultant will research the following to address the new Construction General Permit requirements:

1. Calculation and factors for construction risk level assessment
2. Project-specific needs for BMP implementation

The study will address the need for erosion control measures and will only address the impacts from the Project and utilize Caltrans standard checklists. The SWDR will be included as an attachment to the PR.

Consultant will prepare the SWDR using the current Caltrans published template available as of the start of this contract. The Draft PA/ED SWDR will be submitted to Caltrans for review. Consultant will schedule and attend up to one (1) comment resolution meeting with Caltrans, if needed, to resolve outstanding comments. Up to three (3) consultant staff will join the comment resolution meeting as needed. The SWDR will address only the impacts from the Project.

Deliverables

- Draft and Final PA/ED SWDR
- Responses to one (1) round of review comments from Caltrans
- Meeting materials (agenda and minutes) for up to one (1) comment resolution meeting with Caltrans

Task 6 – Risk Register

Consultant will prepare a Project Risk Management Plan to identify, qualitatively analyze, prepare a response strategy, and monitor and control project risks throughout the PA&ED process. The Risk Register will be prepared and submitted with each submittal of the PR.

Deliverables

- Risk Register at Administrative Draft, Draft, and Final PR submittals
- Responses to one (1) round of review comments from Caltrans
- Meeting materials (agenda and minutes) for up to one (1) comment resolution meeting with Caltrans

Task 7 – Environmental Technical Studies

Task 7.1 – Natural Environment Study

Jacobs will prepare a Natural Environmental Study (NES) as recommended in the PEAR. As an initial step, Jacobs will review available information in coordination with the City and Caltrans. The purpose of this initial coordination effort will be to obtain additional information, discuss proposed field surveys and documentation procedures, and identify any agency permitting or resource concerns early in the process.

Jacobs will engage staff biologists with appropriate local experience and will conduct field studies that conform to Caltrans standards. These surveys will form the basis of the impact analysis that will determine the extent of habitat disturbance (including the presence of noxious weeds) and potential effects on special-status species and their habitats; common and sensitive natural communities including riparian and wetland communities; and other sensitive biological resources including oak trees protected by City ordinance. The results of the wildlife and botanical surveys will be reported in the NES report.

The NES will include a biological resources assessment that identifies the potential for occurrence of special-status plant and animal species and their habitat, and sensitive habitats within the project area. For the purposes of this assessment, special-status species are defined as plants and animals that meet one or more of the following criteria:

- Listed, proposed for listing, or candidates for future listing as threatened or endangered under the federal Endangered Species Act
- Listed or candidates for future listing as threatened or endangered under the California Endangered Species Act
- Meet the definitions of endangered or rare under Section 15380 of the CEQA Guidelines
- Identified as a species of special concern by CDFW
- Birds identified as birds of conservation concern by the USFWS
- Plants considered by the California Native Plant Society (CNPS) to be “rare, threatened, or endangered in California” (California Rare Plant Rank 1 and 2)
- Plants listed as rare under the California Native Plant Protection Act
- Fully protected in California in accordance with the California Fish and Game Code

Waters of the United States and Waters of the State are known to occur in the project area in association with Secret Ravine, a wetland seep, and several drainage ditches. As part of the NES, jurisdictional wetland features will be studied including a calculation of affected acreages.

Wetland impacts are assumed to be minimal, such that a separate Aquatic Resources Delineation Report will not be required.

Deliverables

- Draft NES for City and Caltrans review
- Responses to one round of review comments
- Final NES for Caltrans signature

Task 7.2 – Air Quality Assessment

Using applicable County and City standards (for CEQA) and guidance in SER Chapter 11, Jacobs will perform all activities related to air quality impact analysis for use in the environmental document, and prepare technical reports documenting study results. This includes identifying sensitive receptors and analysis locations, performing modeling using standard tools to calculate construction emissions relative to local thresholds, and coordinating with regional agencies to verify the conformity status of the project and review as a Project of Air Quality Concern.

Deliverables

- Draft Air Quality Study Report for City and Caltrans review
- Responses to one round of review comments
- Final Air Quality Study Report for Caltrans approval

Task 7.3 – Noise Analysis

As recommended in the PEAR, Jacobs will perform all activities related to noise impact analysis for use in the environmental document and prepare Noise Study Report (NSR) and Noise Abatement Decision Report (NADR). Preparation will be done in accordance with applicable City standards, the Caltrans Traffic Noise Analysis Protocol, and the Caltrans SER Chapter 12. Jacobs will identify sensitive receptors and analysis locations, collect existing noise information, perform noise modeling, develop estimates of effectiveness for alternative mitigation measures, prepare an NSR with preliminary barrier plans, and prepare the NADR.

Deliverables

- Draft NSR for City and Caltrans review
- Responses to one round of review comments
- Final NSR for Caltrans signature
- Draft NADR for City and Caltrans review
- Responses to one round of review comments
- Final NADR for Caltrans signature

Task 7.4 – Cultural Resources Studies

Based on the PEAR recommendations, Jacobs will prepare the following cultural resources studies: Archaeological Survey Report (ASR) and Historic Properties Survey Report (HPSR). In addition, Jacobs will prepare a map of the Area of Potential Effects (APE) for Caltrans endorsement prior to the start of the detailed studies.

The APE is a large-scale map that shows the area where cultural resources could be affected by the project and has a signature block for Caltrans approval. It shows the existing right-of-way, the proposed new right-of-way (if applicable), areas to be graded, and areas to be paved. Jacobs will prepare the APE map using the project plans as a base.

A records search for the project will be obtained from the North Central Information Center and will be summarized in the ASR. An archaeologist who qualifies as a Lead Archaeological Surveyor, as defined by Caltrans, will perform a walkover survey of the APE. The results of the survey will be provided in the ASR. Any archaeological resources identified as a result of the survey will be described in the ASR and standard form DPR 523 will be completed. The ASR will also provide background sections for prehistory, ethnography, and history.

Native American consultation is required as part of the Caltrans Section 106 process and pursuant to CEQA in accordance with AB 52. The Project Archaeologist will request a search of the Sacred Lands File and a list of Native American contacts for the project area from the California Native American Heritage Commission. Following coordination with the City, Jacobs will send letters to the Native American contacts requesting information and concerns about any resources within the APE. If responses are not received, the Project Archaeologist will make follow-up phone calls and document them on record of conversation forms. Responses from Native Americans will be summarized in the ASR and copies of correspondence will be provided as an attachment to the HPSR.

The HPSR will provide a summary of the results contained in the ASR and the results of Native American consultation. The HPSR will provide a summary of identification efforts, a summary of public participation (including Native American comments), and findings, including whether there are any listed, eligible, and potentially eligible cultural resources in the APE. The APE map and ASR are attached to the HPSR.

Deliverables

- APE map for Caltrans signature
- Draft ASR for City and Caltrans review
- Responses to one round of review comments
- Final ASR for Caltrans signature
- Draft HPSR for City and Caltrans review
- Responses to one round of review comments
- Final HPSR for Caltrans signature

Task 7.5 – Visual Impact Screening Assessment

Jacobs will complete the Caltrans *Questionnaire to Determine Visual Impact Assessment Level*. Based on the PEAR, the questionnaire is expected to result in an official determination that a full Visual Impact Assessment will not be required. Qualified staff will complete the questionnaire and prepare a brief memorandum as required by the Caltrans SER.

Deliverables

- Printed copy of Visual Impact Assessment Questionnaire results
- Draft and final memorandum “Scenic Resources Evaluation and Visual Impact Assessment” for Caltrans approval

Task 7.6 – Community Impact Assessment

Jacobs will prepare a Community Impact Assessment in accordance with guidance contained in the Caltrans SER. The analysts will perform all activities related to socioeconomic, land use, and growth impact technical studies for use in the environmental document, and prepare a technical report documenting study results. This includes updating all demographic and economic data with the best available U.S. Census data. Jacobs will perform ethnicity and economic

investigations to determine the characteristics of the communities affected by the project, including Environmental Justice requirements pursuant to federal Executive Order 12898. In addition, Jacobs will perform land use studies to determine the relationship of the project to local, regional, and other planning documents and identify compatibility issues with existing land uses.

Deliverables

- Draft CIA for City and Caltrans review
- Responses to one round of review comments
- Final CIA for Caltrans signature

Task 7.7 – Phase I Initial Site Assessment

Consultant will complete a Phase I Initial Site Assessment (Phase I ISA) to assess whether potential sources or indications of hazardous materials conditions are present within or adjacent to the Project area. Blackburn will complete the Phase I ESA in accordance with ASTM E1527-13 “Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment Process” requirements by performing the following tasks:

- Conduct a site reconnaissance to observe current land use and indications of potential contamination by hazardous materials on or adjacent to the Project area. This will include documentation of areas showing evidence of surface staining; storage, dumping; handling and mixing areas for hazardous materials (such as pesticides and fuel products), and apparent locations of fuel tanks and wells, such as the Arco and 76 gas stations.
- Review of on-line regulatory databases such as the State Water Resources Control Board GeoTracker site and/or the Department of Toxic Substances Control (DTSC) EnviroStor site, to determine if known impacts and/or previous environmental work exist for the Project area.
- Review historical aerial photographic and topographic map coverage of the Project area and surrounding areas for indications of sources for potential contamination. Review a commercial database including federal, state, and county records for indications of the use, misuse, or storage of hazardous and/or potentially hazardous materials on or near the site. Based on the Historical Research, attempt to identify past and present operations conducted on or adjacent to the property to assess the potential for hazardous materials impacts to the site.

Deliverables

- Prepare an ISA Report documenting findings, conclusions, and recommendations.

Task 8 – Transportation Studies

The I-80/Rocklin Road interchange featured recurring congestion under non-COVID conditions during peak hours due to overall levels of travel in the corridor and surges in student/staff traffic associated with Sierra Community College. For peak days of the year, the eastbound left turn traffic demand in the morning at the Rocklin Road/El Don Drive intersection exceeds capacity, and the resulting queue extends back to the I-80 interchange. On a more regular basis, the PM peak hour traffic demand from Sierra Community College to westbound I-80 exceeds the capacity of the single westbound left-turn lane from Rocklin Road onto the I-80 westbound on-ramp causing queues that extend back through the Aguilar Road intersection, often extending all

the way to the Sierra Community College. ***Although Caltrans and the City have implemented signal coordination to improve operations efficiency, the capacity constraints prevent further improvement.*** Due to peak hour congestion, some drivers have shifted to using the I-80/Sierra College Boulevard interchange as an alternate route, which worsens operations at this busy interchange that serves several shopping centers.

With the planned expansion of Sierra College from approximately 15,000 to 22,500 students over the next twenty years, the vehicle demand for the I-80/Rocklin Road interchange will increase. Additionally, planned developments in the area, such as College Park, Rocklin Gateway Apartments, and Costco will add more demand and the I-80/Rocklin Road interchange will need to be improved to serve these planned developments.

Due to the traffic pattern changes associated with the COVID-19 pandemic, Consultant will use several sources to develop existing conditions traffic volumes. These sources include traffic counts collected in 2018 or 2019 for previous traffic studies, the Caltrans PeMS online database of traffic count stations, and mobile data volume estimates from StreetLight Data.

Task 8.1 – Data Collection and Streetlight Data

With the COVID pandemic, collecting existing traffic counts on Interstate 80 and Rocklin Road will not reflect “existing” regular traffic conditions, especially until Sierra Community College is back to in person sessions. Given this, the Jacobs team will use existing traffic volumes from 2019 and previous years, which will also be a cost savings for the project. In addition, Streetlight multi-modal data will be purchased that includes speed, daily and peak hour trips, truck traffic, special event trips (such as Hot Chili Cool Cars, Rocklin Adventure Park, Sierra College Community semester start and end days, etc.), transit, bicycle, and pedestrian trips. The Streetlight data goes back to 2014, which will be useful in answering questions from the PDT, stakeholders, and the public, and will also be used to justify that the project will not result in an increase in Vehicle Miles Travel as part of the state environmental document. This is important if an IS/MND will be used for CEQA, otherwise an EIR may be required based on SB 743, which would have significant budget and schedule impacts.

Consultant will conduct field observations at the following study locations to confirm lane configurations, pedestrian and bicycle facilities, posted speeds, etc. and to observe AM and PM peak hour conditions. We will obtain collision data for I-80 in the study area from Caltrans for the most recent five-year period.

Intersections

- | | |
|-------------------------------------------|---------------------------------------------------------------|
| 1. Rocklin Road/Granite Drive | 7. Sierra College Boulevard/I-80 |
| 2. Rocklin Road/I-80 Westbound Ramps | Westbound Ramps |
| 3. Rocklin Road/I-80 | 2019 Streetlight Data For Trips From Sierra Community College |
| Eastbound Ramps | 8. Sierra College Boulevard/I-80 |
| 4. Rocklin Road/Aguilar Road | Eastbound Ramps |
| 5. Rocklin Road/El Don Drive/Sierra | 9. Sierra College Boulevard/Schriber Way |
| College Campus Drive | 10. Sierra College Boulevard/Dominguez |
| 6. Sierra College Boulevard/Granite Drive | Road/Bass Pro Drive |

Freeways

11. Westbound I-80 at Sierra College Boulevard

12. Eastbound I-80 at Sierra College Boulevard

Deliverables

- A technical memorandum will be prepared that documents the data collection, recommended existing traffic volumes, and traffic analysis methodology for up to 12 study locations

Task 8.2 – Existing Conditions Analysis

Due to the congested conditions at the I-80/Rocklin Road interchange and the proposed DDI interchange configurations, Consultant proposes to use the VISSIM microsimulation software to analyze intersection and freeway operations. This approach is consistent with previous traffic analysis studies, and a VISSIM model is already available from the I-80/SR 65 Interchange, I-80 Auxiliary Lanes, and Highway 65 Widening project lead by PCTPA.

This approach has the following advantages.

- Accounts for the interaction of queues from closely spaced intersections at the freeway interchanges
- Accounts for the effect of off-ramp queues on freeway mainline operations
- Accounts for the effect of upstream freeway bottlenecks on downstream freeway and intersection operations
- Accounts for the effect on roadway capacity of bicycle and pedestrian volumes at intersections
- Accurately models ramp meter operations and queuing effects on upstream intersections
- Provides a visualization of traffic operations for the project team and decision makers

Traffic operations at the study locations will be analyzed consistent with the methodology published in the Highway Capacity Manual (Transportation Research Board, 2016). The VISSIM microsimulation model will be calibrated and validated to existing conditions using guidance from FHWA's Traffic Analysis Toolbox Volume III. At intersections, the AM and PM peak hour intersection delay, level of service, and queue lengths will be reported for each movement. For freeway segments, the AM and PM peak hour average density and level of service will be reported. Freeway analysis segments will include the ramp junctions at the SR 65, Rocklin Road, and Sierra College Boulevard interchanges and the mainline segments between the three interchanges.

Deliverables

- A technical memorandum will be prepared that documents the existing conditions model calibration and validation and existing conditions traffic performance

Task 8.3 - Travel Demand Forecasts

Consultant recommends using the latest version of the City of Rocklin travel demand model to develop opening day and design year traffic forecasts at study facilities. Its base year model was calibrated to 2017 conditions and its future year model has a horizon year of 2040. Other models that were considered but rejected include the City's 2030 General Plan model and SACOG's SACSIM19 activity-based model. The former has a 2030 horizon year and land uses that are not consistent with current City planning efforts. The latter lacks traffic analysis zone detail (e.g.,

entirety of Rocklin south of Rocklin Road and east of I-80 is represented by a single zone) and excludes important study roadways such as Aguilar Road and El Don Drive. Consultant will document the calibration and validation of the base year model (per the 2017 California Regional Transportation Plan Guidelines) for the project team.

Consultant will perform an in-depth review of the 2040 travel demand model to confirm (and modify if necessary) that its land use assumptions in the study area are appropriate. This step is required because the 2040 model was developed in mid-2019, and the City is now contemplating land use changes in order to meet their Regional Housing Needs Allocation (RHNA) requirements. Additionally, land uses for proposed projects in the area have been modified. Lastly, a detailed review of the Sierra Community College campus travel patterns is warranted, both in terms of how many vehicle trips are being generated by the model but also in terms of how those trips are assigned, which is a function of on-campus parking garage placement. Fehr & Peers has specific knowledge on this topic through their work directly for Sierra College on its Facility Master Plan in 2018. The model will also be reviewed to confirm it contains appropriate planned roadway network improvements, such as the widening of portions of Rocklin Road and Sierra College Boulevard, intersection capacity improvements at Sierra Community College, and the Dominguez Road overcrossing of I-80 between Granite Drive and Sierra College Boulevard. One of the hot topics from 2012 PSR-PDS for Caltrans District 3 was knowing if the City of Rocklin was going to construct the Dominguez Road overcrossing. The City of Rocklin is currently showing this overcrossing as included in the General Plan Update. We will need direction from City staff on how to consider this project in the forecasting. We will also want to determine timing for the Rocklin Road widening to six lanes from Granite Drive to I-80, as the DDI concepts will need to be updated to accommodate this future potential project. Consultant will prepare opening year and design year forecasts for the no build and build alternatives. Since all build alternatives would have similar capacity for Rocklin Road at I-80, one set of forecasts will be used for all build alternatives. AM and PM peak hour forecasts will be prepared for the study intersections and freeway segments in the analysis area. Daily forecasts will be prepared for roadway segments on the I-80 mainline and ramps and on SR 65, Rocklin Road, and Sierra College Boulevard in the study area. From the travel demand model, Consultant will prepare vehicle miles of travel (VMT) estimates for the project alternatives. VMT will also be reported by 5-mph speed bins for use in the air quality analysis. The effect of induced travel on the traffic forecasts will be discussed. To the extent the project causes a net increase in VMT, mitigation measures such as the pedestrian and bicycle overcrossing or undercrossing could offset that increase. Other potential mitigation measures may include bicycle, pedestrian, and/or transit system enhancements that decrease VMT based on discussions and input from the City. The net change in VMT with any recommended mitigation measures in place will be quantified to avoid doing an EIR under CEQA and for use in the SB 1 grant applications.

Deliverables

- A Traffic Forecast Report will be prepared to document the forecast model validation, forecast methodology, and the opening and design year traffic forecasts.

Task 8.4 - Future Conditions Analysis

Using the traffic forecasts, Consultant will analyze intersection and freeway operations for the AM and PM peak hours under opening and design year conditions. The no build alternative and

three build alternatives will be analyzed. The existing conditions VISSIM models will be updated to reflect future conditions. Consultant will analyze the no build alternative and include separate projects planned in the study area including I-80/SR 65 interchange and I-80 Auxiliary Lanes. Consultants will analyze two build alternatives that would improve operations at the I-80/Rocklin Road interchange. Consultant will work with the project team to develop the project alternatives which could include widening of Rocklin Road with the existing configuration and a diverging diamond interchange. Consultant will model in VISSIM the assumed operation of ramp meters at on-ramps and evaluate storage requirements to accommodate metered traffic for the Rocklin Road on-ramps. The AM and PM peak hour intersection delay, level of service, and queue length by movement will be reported.

The freeway operations analysis for future conditions will incorporate the planned eastbound auxiliary lane between SR 65 and Rocklin Road and the planned I-80/SR 65 interchange reconfiguration. Using the VISSIM model, the AM and PM peak hour freeway segment density and level of service will be reported for the basic, ramp junction, and weaving analysis segments. In addition to the traffic operations analysis, Consultant will conduct a safety assessment of the build alternatives and discuss the impact to pedestrian, bicycle, transit, and freight networks. We will prepare the traffic index calculations for pavement design at the I-80/Rocklin Road interchange.

Task 8.5 - Documentation and Meetings

Consultant will prepare a draft Transportation Analysis Report (Traffic Operations Study) that documents the data collection, existing conditions analysis, travel demand forecasts, and future conditions analysis. The report will provide tables that summarize the analysis findings and figures to show traffic volumes. We have budgeted 12 hours of professional staff time to respond to comments on the draft report. We will respond to one set of comments and prepare a final Transportation Analysis Report that incorporates the responses to comments.

Task 9 – Geotechnical Sub-Surface Investigation and Recommendations

Task 9.1 – Preliminary Foundation Report

Consultant will prepare a Preliminary Foundation Report (PFR) for the proposed structures identified for each of the two build alternatives. To prepare the PFR, Consultant will:

- Visit the site to observe existing conditions within the Project area, mark boring locations for Underground Service Alert, obtain a Caltrans and City of Rocklin encroachment permit, obtain the County boring permit, and retain a drilling subcontractor.
- Review the following existing pertinent information:
 - Available as-built information for the Rocklin Road/I-80 interchange (as-built log of test borings, structure plans, foundation design reports, and pile driving records).
 - Geologic maps, seismic hazard maps and historic groundwater level data covering the site
 - Geotechnical information from various nearby projects completed for the City.
 - Geotechnical information provided by the City of Rocklin from adjacent development.
- Perform approximately 8 hand-auger or test pit excavations, depending on accessibility and utility conflicts to evaluate overburden soil conditions, and depth to rock along

roadway and retaining wall layout lines. Consultant will provide traffic control consisting of signs/cones for shoulder work without flaggers.

- The consultant will log and sample a total of four borings to depths of about 75 feet. Borings will advance no deeper than 30 feet into rock.
- The consultant will use limited surface exploration, soil borings, observations of exposed rock in the area, and existing available information to complete the PFR.
- Perform laboratory moisture content, dry density, plasticity index, sieve analysis, soil corrosion (pH, resistivity, sulfates, chlorides), unconfined compressive strength, and R-value tests on selected samples.
- Perform preliminary engineering analysis to evaluate foundation alternatives for the pedestrian/bicycle bridge (cast-in-drilled hole pile foundations, spread footings, and others) and retaining wall foundation conditions. The analysis will include the determination of preliminary design tip elevation ranges for Caltrans standard plan piles and H-pile alternatives, and preliminary bearing capacity, settlement estimates, minimum dimensions, and depths for spread footings (if considered feasible).
- Perform preliminary engineering analysis to evaluate the geotechnical feasibility and constraints of various standard and non-standard retaining wall alternatives currently being considered.
- Use the current Caltrans ARS online tool to determine the preliminary design acceleration response spectrum (ARS curve) for structure design.

Consultant will prepare the PFR in general accordance with Caltrans “Foundation Reports for Earth Retaining Systems (June 2017)”. The report will include the following sections:

- | | |
|------------------------------------------|-------------------------------------------------------|
| • Introduction | • As-built Foundation Data (for nearby structures) |
| • Scope of Work | • Preliminary Seismic Information and Recommendations |
| • Project Description | • Preliminary Retaining Wall Recommendations |
| • Field Investigation | • Laboratory test results |
| • Site Geology and Subsurface Conditions | • Log of test borings |
| • Groundwater | |

Consultant will respond to up to one (1) round of review comments from Caltrans. Consultant will attend up to one (1) design meeting in addition to the Caltrans type selection meeting for structures.

Deliverables

- Draft and Final Preliminary Foundation Report
- Responses to up to one (1) round of Caltrans review comments
- Attendance at up to one (1) design meeting
- Attendance at up to one (1) Caltrans Type Selection Meeting

Task 9.2 – Preliminary Geotechnical Design Report

Consultant will prepare a Preliminary Geotechnical Design Report (PGDR) for the proposed two build alternatives. To prepare the PGDR, Consultant will review existing pertinent geotechnical information and subsurface/laboratory test data obtained from the PFR borings.

Consultant will prepare the PGDR in general accordance with Caltrans “Geotechnical Design Report Guidelines (January 2020)”. The PGDR will include consultant’s preliminary evaluation of geologic hazards, existing site conditions, seismicity, and geotechnical feasibility of the alternatives.

The report will include the following sections:

- Introduction
- Project Description
- Geotechnical Investigation
- Geotechnical Conditions (geology, United States Department of Agriculture (USDA) soil survey review, surface conditions, subsurface conditions, groundwater, seismicity, fault rupture, liquefaction potential)
- Geotechnical Design Evaluation
- Geotechnical Design Considerations and Recommendations
- Appendix (Vicinity Map, Site Plans, Log of Test Borings/Laboratory Test Results from PFR task)

Consultant will attend up to one (1) design meeting during preparation of the PGDR. Consultant will respond to up to one (1) round of review comments from Caltrans.

Deliverables

- Draft and Final Preliminary Geotechnical Design Report
- Responses to up to one (1) round of Caltrans review comments
- Attendance at up to one (1) design meeting

Task 9.3 – Aerially Deposited Lead Assessment Report

Consultant will complete an Aerially Deposited Lead (ADL) Assessment to evaluate whether impacts require mitigation recommendations for construction and/or soil management requirements, including:

- Develop a sampling workplan and prepare a traffic control plan
- Sample up to 30 locations, at approximate 500-foot intervals along the proposed roadway improvement alignment within both traffic directions along Rocklin Road and I-80 including on- and off-ramps.
- Collect two discrete samples 0 to 6 inches and 18 to 24 inches below the ground surface (bgs) at each sample location with hand auger equipment. We will place the samples in labeled glass jars, place the jars in a cooled ice chest, and deliver them to a California-certified analytical laboratory under continuous chain-of-custody documentation.
- Laboratory Testing and Analysis:
 - Analyze all samples for total lead (EPA Method 6010B) (60 samples).
 - Analyze samples with a total lead concentration above 50 mg/kg for soluble lead by the Soluble Threshold Limit Concentration – Waste Extraction Test (STLC-WET DI) method (assume 10 samples).

- Analyze two randomly selected sample for pH by EPA Method 9094.
- Laboratory quality assurance/quality control (QA/QC) will consist of method blanks and spike samples.

Deliverables

We will review the test results, perform statistical analysis of the results, and prepare an ADL Assessment Report (one draft and one final) containing the following:

- Project Description
- Soil Sampling Procedure
- Analytical Test Results
- Statistical Analysis of Test Results
- Conclusions and Recommendations
- Vicinity Map and Site Map with Sampling Locations
- Report Limitations

Task 10 - Constructability and Safety Review Meeting

Per Caltrans Design Directive D-18 dated March 23, 2021, all projects with *right of way requirements* or utility relocations, regardless of scope and complexity shall conduct a Staging/Constructability Review. The meeting can sometimes be deferred to the PS&E phase, but since this is a Project Development Category 4A per the 2012 PSR-PDS, a Constructability and Safety review meeting will be required. Caltrans District 3 staff will take the lead in setting up the meeting and inviting internal staff for the review. The Consultant will prepare the necessary documents for review. Caltrans will provide a memo with comments that need to be addressed, the Consultant will provide a response to each comment for Caltrans files, and incorporate any required changes into the proposed alternatives.

Deliverables

- Memo to Caltrans with responses from Constructability and Safety Review Meeting

Task 11 – Right Of Way Data Sheets

Right of Way Data Sheet documents will be prepared and completed in the format required by the Caltrans Right of Way Manual. Right of Way Data Sheet coordination will be handled by Mike Lahodny. Mike worked for 35 years as the Caltrans Assistant Right of Way Chief for North and Central Regions overseeing Right of Way delivery for Districts 1, 2, 3, 9 and 10. The Jacobs team will work closely with the City to triage the proposed property impacts and provide recommendations as to how those impacts can be minimized and assist in developing parcel specific mitigation strategies (which may include either redesign or elimination of the subject property) prior to commencement of acquisition activities. Consultant will order up to 5 title reports to support surveying and right of way data sheet efforts.

Once project maps and documentation quantifying the square footage required from each assessor parcel number for both permanent and temporary easements, preliminary right of way capital cost estimate will be developed that includes all relevant costs, from the cost of real estate to damages, furniture, fixture and equipment, business and residential relocation (based on costs provided by the City or Caltrans) lost goodwill, and environmental liabilities to consultants' fees. These costs will be presented in a table format summarizing the total cost per parcel, including a high/low range estimate to be used in the final report.

Deliverables

- Develop Right of Way data sheets and capital cost estimates
- Memo that identifies any special issues that are likely to be encountered and how they will be addressed
- Respond to any questions from Caltrans local assistance

Task 12 – Pavement Design

Task 12.1 – Preliminary Materials Report

Consultant will prepare a Preliminary Materials Report (PMR) for the two (2) Build Alternatives. To prepare the PMR, consultant will:

- Review existing pertinent geotechnical information including the R-value/soil corrosion test results obtained from the PFR borings.
- Obtain subgrade soil samples at four locations to depths of 4 feet in unpaved roadway shoulder/landscape median areas using hand-excavation methods. Consultant will provide traffic control signs/cones as necessary to complete the sampling without lane closures or flaggers.
- Perform R-value and soil corrosion testing (one from each sampling location) to provide additional data to complete the PMR.

Consultant will prepare the PMR in general accordance with Topic 114 (Materials Report) of the Caltrans Highway Design Manual (November 20, 2017). The report will include preliminary soil corrosivity considerations for the Project roadway improvements and preliminary new pavement section design recommendations for the improvements based on traffic index(es) developed in Task 7.5

Deliverables

- Draft and Final Preliminary Materials Report
- Responses to up to one (1) round of Caltrans review comments
- Attendance at up to one (1) design meeting

Task 12.2 – Prepare Life Cycle Cost Analysis

Consultant will develop a pavement life cycle cost analysis (LCCA), as outlined in the Caltrans Life-Cycle Cost Analysis Procedures Manual, to evaluate the overall long-term economic efficiency between competing pavement options. The LCCA will analyze pavement alternatives for the Build alternatives, comparing initial cost, future costs, and costs associated with user delay during construction activities. Based on the guidelines in the Caltrans Life-Cycle Cost Analysis Procedures Manual, Consultant will compare three (3) pavement alternatives for the interchange ramps (20-year flexible, 40-year flexible, and 40-year rigid Jointed Plain Concrete Pavement (JPCP)). Consultant will submit a traffic data and designation request to Caltrans and coordinate with the Caltrans District Materials Engineer to complete a Structural Section Request Form

Deliverables

- Responses to up to one (1) round of Caltrans review comments
- Draft and Final LCCA Memo
- Structural Section Request Form

Task 13 – Preliminary Signal and Electrical Design

Consultant will prepare the preliminary design for the new Eastbound and Westbound Off-ramp Traffic Signals, On-Ramp Metering Systems, and Roadway Safety Lighting Systems at the proposed freeway interchange, and Traffic Signal Interconnect systems between the new traffic signals and the existing City of Rocklin traffic signals.

We have reviewed as-built documents of City facilities. We understand that all City cabinets should be receive fiber cables. New Caltrans signals will need to be connected with the City signals.

Deliverables

- Preliminary (35%) signal and lighting plans and estimate.

Task 14 – Utility Coordination

Utility coordination will follow the Caltrans process (per Caltrans Local Assistance Procedures Manual, Chapter 14), which will ultimately yield all needed utility agreements such that the City can certify the project ROW. Specific utility engineering activities will include:

- Utility Verification – Consultant will transmit a proposed project plan to utility owners and request facility maps for any utilities within the project footprint.
- Utility Mapping – Consultant will create a CAD base file of the existing utility based on the facility maps. This base file will be the basis for the utility plan sheets in the bid set, so they will be developed consistent with Caltrans CAD standards.
- Positive Location (Potholing) Maps – Consultant will coordinate with the project design lead to develop positive location maps. The maps will show how high priority utilities (such as high-pressure gas lines) and other less critical utilities in potential conflict with the design improvements are to be located.
- Utility Tracking – Consultant will develop and maintain a Utility Status Matrix, consistent with District 3 standard practice, to track utility coordination status.
- Potholing (Assumes 20 Potholes) – Consultant will monitor any potholing, will coordinate any required lane closures (including in State ROW), will log the potholing work, will coordinate the surveying of the potholing, and will prepare a potholing report.

Additional utility coordination (such as utility conflict resolution, utility agreements, liability determination, etc.) will be performed during the PS&E phase of the project.

Deliverables

- Utility owner maps
- Utility base files
- Utility status matrix
- Potholing exhibits and data

Task 15 - Landscape Architecture

Consultant will conduct the preliminary design tasks outlined below. These tasks are in support of the development of the preferred alternative for inclusion in the PR. Consultant will prepare basis of design document and 35% landscape design, including plans, elevations, and details.

The design will include the aesthetics associated with hardscape features such as the city of Rocklin entry sign, textured concrete pavements, and walls. Plans will show plantings, ground

covers, gravel mulches and rock features to remediate the impacts of the roadway improvements on the existing landscape. Consultant will prepare cost estimates for landscape elements of the plan.

Consultant will provide photo realistic digital renderings of the entire project. This will include still images and a fly through video for use in project approvals, presentations, and public outreach.

Deliverables

- Basis of Design for landscape elements memo
- 35% Landscape Design – Colored Site Plan including Hardscape and Softscape, Elevations and Details
- Cost Estimate
- A 3D model of project alternative and a 3-minute flythrough video
- Up to 5 photo simulations

Task 16 - Environmental IS/MND and EA

Based on the PEAR, CEQA compliance will be met with an Initial Study (IS) and Mitigated Negative Declaration (MND), with the City of Rocklin as the CEQA Lead Agency. NEPA compliance will be met by a routine Environmental Assessment (EA) and Finding of No Significant Impact (FONSI), with Caltrans as the NEPA Lead Agency. For this scope, it is assumed that separate documents will be prepared.

Task 16.1 CEQA Initial Study/Mitigated Negative Declaration

Jacobs will prepare a CEQA Initial Study for review by the City. The technical information and studies that support the Initial Study – described under Task 7 – are a part of the environmental compliance record and are public documents. They will be summarized in the Initial Study and incorporated by reference. Jacobs will use a standard Initial Study format unless the City recommends a preferred template.

Based on City review, Jacobs will update the Initial Study and prepare a draft Mitigated Negative Declaration. At the appropriate time, Jacobs will prepare a Notice of Availability for the IS/MND and will deliver copies of the IS/MND along with a Notice of Completion to the State Clearinghouse. Additionally, a public notice will be prepared and published both in the newspaper of record and posted with the State Clearinghouse.

At the close of the public review period for the IS/MND, Jacobs will review and respond to all comments received. Within two (2) weeks of the close of the public comment period, a summary of comments will be prepared for City review and comment. Public comments submitted on the IS/MND will be organized, categorized, and numbered for distribution to the appropriate members of the project team for their response. Jacobs will assemble the responses and submit a draft document consisting of public comments and responses for review. It is assumed that a reasonable number of comments based on the magnitude of this project will be received. If an excessive number of comments are received, this will be discussed to modify the scope/budget to address these items.

Jacobs will update the Initial Study as needed and prepare a final MND that will identify the preferred alternative and include comments and responses. The final MND will be submitted to the City for signature. At this time, Jacobs also will prepare a Notice of Determination to be filed with the Placer County Clerk and State Clearinghouse.

Deliverables

- Administrative Draft Initial Study for City review
- Print-Ready Initial Study and draft Mitigated Negative Declaration
- Notice of Availability
- Public comment summary and response matrix
- Final Mitigated Negative Declaration for City signature
- Notice of Determination

Task 16.2 NEPA Environmental Assessment/Finding of No Significant Impact

An EA need only address those issues that Caltrans has determined have a potential for a significant impact. The technical information and studies that support the EA – described under Task 7 – are a part of the environmental compliance record and are public documents. They will be summarized in the EA and incorporated by reference, consistent with Caltrans guidance. The EA format and boilerplate content will follow the most current annotated outline for an EA posted on the Caltrans SER at the time the EA is initiated.

Jacobs will prepare an Administrative Draft EA for review by the City and Caltrans. Up to four iteration revisions are assumed to address comments received from the City, Caltrans technical, Caltrans PEER review, and CALTRANS District QA/QC review steps. Jacobs will make any required changes requested during these reviews. A completed external QC certification, signed by the Jacobs team, and an ED review checklist will be provided to Caltrans. To minimize the effort needed for each iteration of the document, Jacobs will conduct a revision workshop with City and Caltrans to facilitate modifications, as needed. Once the document is approved by Caltrans, the public draft version will be submitted to CALTRANS for signature.

Upon receipt of approval to circulate from Caltrans, Jacobs will follow Caltrans SER and District 3 guidance to prepare the public notices for the issuance of the Draft EA. Jacobs will deliver the Notice of Availability for the Draft EA and fifteen (15) copies of the Draft EA along with a Notice of Completion to the State Clearinghouse. Additionally, a public notice will be prepared and published both in the newspaper of record and posted with the State Clearinghouse to notice the public hearing. As part of the larger public outreach effort, Jacobs will prepare presentation materials and display boards for a public meeting on the Draft EA.

At the close of the public review period for the Draft EA, Jacobs will review and respond to all comments received. Within 2 weeks of the close of the public comment period, a summary of comments will be prepared for the City and Caltrans review and comment. Public comments submitted on the Draft EA will be organized, categorized, and numbered for distribution to the appropriate members of the project team for their response. Jacobs will assemble the responses and submit a draft document consisting of public comments and responses for review. It is assumed that a reasonable number of comments based on the magnitude of this project will be received. If an excessive number of comments are received, this will be discussed to modify the scope/budget to address these items.

Jacobs will prepare a Final EA that will identify the preferred alternative and include comments and responses. The reviews will follow Caltrans review policy. To minimize the effort needed for each iteration of the document, Jacobs will conduct a revision workshop with the City and Caltrans to facilitate modifications, as needed. The Final EA will be submitted to CALTRANS for signature. At this time, Jacobs also will prepare a draft NEPA Finding of No Significant Impacts for Caltrans to finalize.

Deliverables

- Administrative Draft EA for City review
- Administrative Draft EA for Caltrans – versions for technical staff review and QC review
- Print-Ready Public Draft EA for Caltrans signature and approval to circulate
- Notice of Availability
- Public comment summary and response matrix
- Administrative Final EA for City review
- Administrative Final EA for Caltrans review
- Print-Ready Final EA for Caltrans signature
- Finding of No Significant Impact

Task 17 - Public Outreach

Consultant will partner with the City to provide strategic advice and counsel, review project materials and reports, and monitor team communications. The Jacobs team outreach staff will attend the project kick-off meeting and up to 12 PDT meetings. Consultant will develop and maintain a stakeholder database throughout the project's duration. This database will include stakeholder name, contact information as well as the preferred method of contact and potential key concerns and/or areas of study interest. Key stakeholders may include the following:

- Sierra College
- Sierra Lakes Mobile Home Park
- Sure Stay Plus Hotel
- Rocklin Park
- Denny's
- Granite Bluff Neighborhood
- Rocklin Elementary School
- I80 Church
- Adjacent commercial properties

Consultant will coordinate and facilitate up to five Key Stakeholder Focus Group meetings. Our team of professional facilitators will work with the prime consultant and City staff to develop meeting agendas and presentation content that are on point and easy to understand, then facilitate discussions in a way that engages all parties and generates thoughtful discussion that leads to agreements and direction that moves the project forward.

The Key Stakeholder Focus Group membership is recommended to include but is not limited to: business and industry groups, adjacent property owners, community-based organizations, environmental advocates and local residents as identified by the City and the project team. The meetings will be facilitated to discuss project goals, constraints and opportunities, evaluation criteria, design alternatives and other important project elements. The purpose of the key stakeholder focus group meetings will be to assess project elements with a diverse group of perspectives early in the process to ensure that all diverse aspects are considered, and the draft concepts meet current and future community needs. Consultant will plan and facilitate three community workshops as part of the public outreach process. The workshops will be held either in-person or virtually in an open-house format.

- Workshop #1: The first workshop will take place prior to the environmental document release and serve as a scoping meeting. The project team will introduce the project, its purpose and need, and anticipated schedule. This also gives the project team an opportunity to develop an understanding of existing travel conditions and challenges and opportunities for the adjacent property owners and businesses within the project area.
- Workshop #2: The second workshop the project team will present and receive feedback on possible design alternatives.
- Workshop #3: At the third workshop, the project team will present the draft environmental document and preliminary design concepts for public review.

Consultant will coordinate each workshop's date, time, and venue in addition to determining their format and agenda. Consultant will develop workshop materials such as a run of show document, room layout, sign-in sheet, project team name tags, comment card, interactive board displays, and informational materials such as a fact sheet or brochure. The City and the project team will be responsible for providing any technical information or analysis needed for the board displays or informational materials. Following each workshop, Consultant will develop a summary which includes all community feedback received. Consultant will develop and implement a notification plan for each community workshop. The notification plan may include but is not limited to email blasts to interested community members, personal calls and emails to key stakeholders and community-based organizations, a media release, flyers and posters which can be posted at key activity centers, and project webpage content.

Consultant will develop collateral materials for the study which may include hand-outs such as informational brochures, comment cards, and fact sheets. Consultant will develop all materials using a template consistent with the project identity. All printed materials will also have an electronic version that can be distributed through social media and placed on the project webpage. Consultant will work with the City and the project team to develop a project website which can be hosted by the City. The website will include a project background, timeline / schedule, and photos and/or maps for the project. Throughout the project, Consultant will update the webpage with key milestones, upcoming outreach opportunities and other project information updates. Consultant will develop a logo and template for communication collateral that will be used for all project related materials and deliverables. The City will be given three options and will have final approval.

Deliverables

- Stakeholder Database
- Coordinate and Facilitate up to three (3) Community Workshops
- Coordinate and Facilitate up to five (5) Key Stakeholder Focus Group Meetings
- Project Fact Sheet and Website Materials

Task 18 - Project Report

Task 18.1 – Administrative Draft Project Report

Consultant will prepare the administrative draft PR in accordance with Caltrans guidelines and applicable laws and submit to the City and Caltrans District 3 Special Funded Branch for their review. Consultant will submit to City and address comments prior to submitting to Caltrans. City will provide approval prior to consultant submitting the Administrative Draft PR to Caltrans. The City and Caltrans District 3 will circulate the PR to appropriate staff for review and comment and return written comments to the consultant. Each agency will provide one (1) consolidated set of comments to consultant. Consultant will address up to one (1) round of review comments from Caltrans. The Right-of-way data sheets will be included as an attachment to Administrative Draft PR and will be prepared by the City's right-of-way consultant.

Deliverables

- Administrative Draft PR (pdf)
- Responses to City Comments
- Responses to up to one (1) round of Caltrans comments

Task 18.2 – Draft Project Report

Consultant will prepare the Draft PR in accordance with Caltrans guidelines and applicable laws and submit to the City and Caltrans District 3 Special Funded Branch for their review. Consultant will submit to City and address comments prior to submitting to Caltrans. City will provide approval prior to consultant submitting the Draft PR to Caltrans. The City and Caltrans District 3 will circulate the PR to appropriate staff for review and comment and return written comments to the consultant. Each agency will provide one (1) consolidated set of comments to consultant. Consultant will address up to one (1) round of review comments from Caltrans. Caltrans will obtain approval from the District 3 Director and other required signatures and return the original signature page to the Consultant. Consultant will reproduce the Draft PR for public circulation

Deliverables

- Draft PR (pdf)
- Responses to City Comments
- Responses to up to one (1) round of Caltrans comments
- Reproduction of Draft PR for public circulation

Task 18.3 – Final Project Report

Consultant will provide written responses to comments received during public circulation and revise the draft PR as necessary. Consultant will submit PR to the City and Caltrans District 3 Special Funded Branch for their review. Consultant will submit to City and address comments prior to submitting to Caltrans. City will provide approval prior to consultant submitting the

Draft PR to Caltrans. The City and Caltrans District 3 will circulate the PR to appropriate staff for review and comment and return written comments to the consultant. Each agency will provide one (1) consolidated set of comments to consultant. Consultant will address up to one (1) round of review comments from Caltrans. Caltrans will obtain approval from the District 3 Director and other required signatures and return the original signature page to the Consultant. Consultant will reproduce the final PR

Deliverables

- Final PR (pdf)
- Responses to City Comments
- Responses to up to one (1) round of Caltrans comments
- Reproduction of final PR

EXHIBIT B

Schedule of Performance

The Scope of Work identified in Exhibit A will be completed within Twenty-Four Months (24) from the date the Notice to Proceed is issued and as noted by the project schedule below.

Schedule B - Schedule Rocklin Road/I-80 Interchange PA&ED																														
ID	Task Name	Duration	Start	Finish	Predecessors			Qtr 3, 2021				Qtr 4, 2021			Qtr 1, 2022			Qtr 2, 2022			Qtr 3, 2022			Qtr 4, 2022			Qtr 1, 2023			Qtr 2, 2023
								Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
1	Notice to Proceed from City of Rocklin	1 day	Mon 8/2/21	Mon 8/2/21																										
2	Task 1 - Project Management	400 days	Tue 8/3/21	Thu 3/2/23																										
3	Project Management, Coordination and Communication	400 days	Tue 8/3/21	Thu 3/2/23	1																									
4	Progress Reports and Invoicing	400 days	Tue 8/3/21	Thu 3/2/23	1																									
5	Schedule (10 Updates)	400 days	Tue 8/3/21	Thu 3/2/23																										
16	Quality Control	400 days	Tue 8/3/21	Thu 3/2/23	1																									
17	PDT/Focused Meetings (20 Total)	360 days	Tue 7/20/21	Tue 12/20/22	1																									
36	Kickoff Meeting	0 days	Wed 8/4/21	Wed 8/4/21	1FS+2 days																									
37	Prepare Encroachment Permit	5 days	Thu 8/5/21	Wed 8/11/21	36																									
38	Caltrans Review	15 days	Thu 8/12/21	Wed 9/1/21	37																									
39	Approved Encroachment Permit	0 days	Wed 9/1/21	Wed 9/1/21	38																									
40	Value Engineering Study Wavier	30 days	Thu 11/18/21	Fri 12/31/21	105																									
41	HOV Ramp Preferential Lane Policy Wavier	60 days	Tue 8/3/21	Tue 10/26/21	1																									
42	CHP Ramp Enforcement Area Policy Wavier	60 days	Tue 8/3/21	Tue 10/26/21	1																									
43	SB 1 LPP Grant and CTC Meetings	400 days	Tue 8/3/21	Thu 3/2/23	1																									
44	Task 2 - Field Survey and ROW Mapping	54 days	Tue 8/3/21	Mon 10/18/21																										
45	Existing Records	5 days	Tue 8/3/21	Mon 8/9/21	1																									
46	Control Survey	10 days	Tue 8/10/21	Mon 8/23/21	45																									
47	Land Net Survey	4 days	Tue 8/24/21	Fri 8/27/21	46																									
48	Land Net Map	10 days	Mon 8/30/21	Mon 9/13/21	47																									
49	Color ortho-photo	15 days	Tue 9/14/21	Mon 10/4/21	48																									
50	Topographic Mapping	10 days	Tue 10/5/21	Mon 10/18/21	49																									
51	Task 3 - Interchange Concept Refinement	70 days	Tue 8/3/21	Tue 11/9/21																										
52	Refine Conceptual 10% Designs	25 days	Tue 8/3/21	Tue 9/7/21	1																									
53	Submit Conceptual Designs for PDT Approval	0 days	Tue 9/7/21	Tue 9/7/21	52																									
54	City and Caltrans Review	15 days	Wed 9/8/21	Tue 9/28/21	53																									
55	Respond to Review Comments	10 days	Wed 9/29/21	Tue 10/12/21	54																									
56	Finalize Two Conceptual Designs with PDT	10 days	Wed 10/13/21	Tue 10/26/21	55																									
57	Wood Rodgers Peer Review of DDI Concepts	10 days	Wed 10/27/21	Tue 11/9/21	56																									
58	Task 4 - Interchange Alternatives Design Submittal	160 days	Wed 10/27/21	Wed 6/15/22																										
59	Prepare 35% Design for Two Build Alternatives	40 days	Wed 10/27/21	Fri 12/24/21	56																									
60	City and Caltrans Review	20 days	Mon 12/27/21	Mon 1/24/22	59																									
61	Address Review Comments	10 days	Tue 1/25/22	Mon 2/7/22	60																									
62	Submit Draft Final 35% Design	0 days	Mon 2/7/22	Mon 2/7/22	61																									
63	Prepare Geometric Approval Drawings	30 days	Tue 2/8/22	Tue 3/22/22	62																									
64	Submit GAD to City/Caltrans	0 days	Tue 3/22/22	Tue 3/22/22	63																									
65	City and Caltrans Review	20 days	Wed 3/23/22	Tue 4/19/22	64																									
66	Address Review Comments	15 days	Wed 4/20/22	Tue 5/10/22	65																									
67	Design Standard Decision Document (DSDD)	65 days	Tue 2/8/22	Tue 5/10/22																										
68	Prepare Draft DSDD	30 days	Tue 2/8/22	Tue 3/22/22	62																									

**Schedule B - Schedule
Rocklin Road/I-80 Interchange PA&ED**

ID	Task Name	Duration	Start	Finish	Predecessors	Timeline																											
						Jun	Qtr 3, 2021			Qtr 4, 2021		Qtr 1, 2022			Qtr 2, 2022		Qtr 3, 2022			Qtr 4, 2022			Qtr 1, 2023			Qtr 2,							
						Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr					
69	City and Caltrans Review	20 days	Wed 3/23/22	Tue 4/19/22	68																												
70	Address Review Comments	10 days	Wed 4/20/22	Tue 5/3/22	69																												
71	Submit Final DSDD	5 days	Wed 5/4/22	Tue 5/10/22	70																												
72	Transportation Management Plan (TMP) Data Sheet	45 days	Tue 2/8/22	Tue 4/12/22																													
73	Prepare TMP Data Sheet	20 days	Tue 2/8/22	Tue 3/8/22	62																												
74	City and Caltrans Review	15 days	Wed 3/9/22	Tue 3/29/22	73																												
75	Address Review Comments	10 days	Wed 3/30/22	Tue 4/12/22	74																												
76	Submit Final TMP Data Sheet	0 days	Tue 4/12/22	Tue 4/12/22	75																												
77	Structures Advance Planning Studies	80 days	Tue 2/8/22	Wed 6/1/22																													
78	Prepare Structures APS	40 days	Tue 2/8/22	Tue 4/5/22	62,162																												
79	City and Caltrans Review	20 days	Wed 4/6/22	Tue 5/3/22	78																												
80	Address Review Comments	20 days	Wed 5/4/22	Wed 6/1/22	79																												
81	Submit Final Structures APS	0 days	Wed 6/1/22	Wed 6/1/22	80																												
82	Prepare Preliminary Project Cost Estimates	50 days	Wed 4/6/22	Wed 6/15/22																													
83	Prepare Preliminary Cost Estimates for Build Alternatives	20 days	Wed 4/6/22	Tue 5/3/22	78																												
84	City and Caltrans Review	20 days	Wed 5/4/22	Wed 6/1/22	83																												
85	Address Review Comments	10 days	Thu 6/2/22	Wed 6/15/22	84																												
86	Submit Final Preliminary Cost Estimates	0 days	Wed 6/15/22	Wed 6/15/22	85																												
87	Task 5 - Engineering Technical Studies	93 days	Thu 9/2/21	Fri 1/14/22																													
88	Field Reconnaissance	3 days	Thu 9/2/21	Tue 9/7/21	39																												
89	Preliminary Drainage Study & Hydromodification Assessment	70 days	Wed 9/8/21	Fri 12/17/21																													
90	Prepare Draft Drainage & Hydromodification Assessment Report	40 days	Wed 9/8/21	Tue 11/2/21	88																												
91	City and Caltrans Review	20 days	Wed 11/3/21	Fri 12/3/21	90																												
92	Address Review Comments	10 days	Mon 12/6/21	Fri 12/17/21	91																												
93	Submit Final Drainage & Hydromodification Assessment Report	0 days	Fri 12/17/21	Fri 12/17/21	92																												
94	Location Hydraulic Study(LHS)/Floodplain Encroachment Reports	70 days	Wed 9/8/21	Fri 12/17/21																													
95	Prepare Draft LHS and Floodplain Evaluation Study Reports	40 days	Wed 9/8/21	Tue 11/2/21	88																												
96	City and Caltrans Review	20 days	Wed 11/3/21	Fri 12/3/21	95																												
97	Address Review Comments	10 days	Mon 12/6/21	Fri 12/17/21	96																												
98	Submit Final LHS and Floodplain Evaluation Study Reports	0 days	Fri 12/17/21	Fri 12/17/21	97																												
99	Stormwater Data Report (SWDR)	90 days	Wed 9/8/21	Fri 1/14/22																													
100	Prepare Draft SWDR	60 days	Wed 9/8/21	Fri 12/3/21	88																												
101	City and Caltrans Review	20 days	Mon 12/6/21	Fri 12/31/21	100																												
102	Address Review Comments	10 days	Mon 1/3/22	Fri 1/14/22	101																												
103	Submit Final SWDR	0 days	Fri 1/14/22	Fri 1/14/22	102																												
104	Task 6 - Risk Register	115 days	Wed 10/27/21	Tue 4/12/22																													
105	Prepare Draft Risk Register	15 days	Wed 10/27/21	Wed 11/17/21	56																												
106	Submit Draft Risk Register	0 days	Tue 2/22/22	Tue 2/22/22	245FF																												
107	City and Caltrans Review	20 days	Wed 2/23/22	Tue 3/22/22	106																												
108	Address Review Comments	15 days	Wed 3/23/22	Tue 4/12/22	107																												

<p align="center">Schedule B - Schedule Rocklin Road/I-80 Interchange PA&ED</p>	
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ID	Task Name	Duration	Start	Finish	Predecessors	Qtr 3, 2021				Qtr 4, 2021			Qtr 1, 2022			Qtr 2, 2022		Qtr 3, 2022				Qtr 4, 2022			Qtr 1, 2023			Qtr 2, 2023	
						Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
109	Submit Final Risk Register	0 days	Tue 4/12/22	Tue 4/12/22	108																								
110	Task 7 - Environmental Technical Studies	165 days	Tue 8/31/21	Tue 4/26/22																									
111	Natural Environment Study	80 days	Wed 10/27/21	Tue 2/22/22																									
112	Perform Field Studies	1 wk	Wed 10/27/21	Tue 11/2/21	56																								
113	Prepare Technical Study	7 wks	Wed 11/3/21	Fri 12/24/21	112																								
114	City and Caltrans Review	20 days	Mon 12/27/21	Mon 1/24/22	113																								
115	Revise Technical Study	10 days	Tue 1/25/22	Mon 2/7/22	114																								
116	Finalize/Caltrans Approval	10 days	Tue 2/8/22	Tue 2/22/22	115																								
117	Air Quality Assessment	2 mons	Tue 8/31/21	Tue 10/26/21	145																								
118	Noise Analysis	2 mons	Tue 8/31/21	Tue 10/26/21	145																								
119	Cultural Resource Studies	125 days	Wed 10/27/21	Tue 4/26/22																									
120	Review Existing Reports	1 wk	Wed 10/27/21	Tue 11/2/21	56																								
121	Prepare APE Map	2 wks	Wed 11/3/21	Wed 11/17/21	120																								
122	City and Caltrans Review	2 wks	Thu 11/18/21	Fri 12/3/21	121																								
123	APE Map approval	1 wk	Mon 12/6/21	Fri 12/10/21	122																								
124	Perform Field Studies	1 wk	Mon 12/13/21	Fri 12/17/21	123																								
125	Archaeological Survey Report	5 wks	Mon 12/20/21	Mon 1/24/22	124																								
126	City and Caltrans Review	20 days	Tue 1/25/22	Tue 2/22/22	125																								
127	Revise Technical Study	10 days	Wed 2/23/22	Tue 3/8/22	126																								
128	Finalize/Caltrans Approval	10 days	Wed 3/9/22	Tue 3/22/22	127																								
129	Historic Properties Survey Report	1 wk	Wed 3/23/22	Tue 3/29/22	128																								
130	City and Caltrans Review	10 days	Wed 3/30/22	Tue 4/12/22	129																								
131	Revise Technical Study	5 days	Wed 4/13/22	Tue 4/19/22	130																								
132	Finalize/Caltrans Approval	5 days	Wed 4/20/22	Tue 4/26/22	131																								
133	Visual Impact Screening Assessment	1 mon	Wed 10/27/21	Wed 11/24/21	56																								
134	Location Hydraulic Study	2 mons	Wed 10/27/21	Fri 12/24/21	56																								
135	Community Impact Assessment	3 mons	Wed 10/27/21	Mon 1/24/22	56																								
136	Phase I Initial Site Assessment	55 days	Wed 10/27/21	Fri 1/14/22																									
137	Submit Draft Phase 1 ISA	4 wks	Wed 10/27/21	Wed 11/24/21	56																								
138	City and Caltrans Review	20 days	Mon 11/29/21	Fri 12/24/21	137																								
139	Address Review Comments	15 days	Mon 12/27/21	Fri 1/14/22	138																								
140	Submit Final Phase 1 ISA	0 days	Fri 1/14/22	Fri 1/14/22	139																								
141	Task 8 - Transportation Studies	100 days	Tue 8/3/21	Fri 12/24/21																									
142	Data Collection	10 days	Tue 8/3/21	Mon 8/16/21	1																								
143	Existing Conditions Analysis	30 days	Tue 8/17/21	Tue 9/28/21	142																								
144	City and Caltrans Review	10 days	Wed 9/29/21	Tue 10/12/21	143																								
145	Prepare Travel Demand Volume Forecasts	20 days	Tue 8/3/21	Mon 8/30/21	1																								
146	Future Conditions Analysis	40 days	Tue 8/31/21	Tue 10/26/21	145																								
147	Submit Draft Transportation Analysis Report	20 days	Wed 10/27/21	Wed 11/24/21	146																								
148	City and Caltrans Review	10 days	Mon 11/29/21	Fri 12/10/21	147																								

**Schedule B - Schedule
Rocklin Road/I-80 Interchange PA&ED**

ID	Task Name	Duration	Start	Finish	Predecessors
149	Address Review Comments	10 days	Mon 12/13/21	Fri 12/24/21	148
150	Submit Final Transportation Analysis Report	0 days	Fri 12/24/21	Fri 12/24/21	149
151	Task 9 - Geotechnical Investigation	108 days	Thu 9/2/21	Mon 2/7/22	
152	Preliminary Foundation Report	108 days	Thu 9/2/21	Mon 2/7/22	
153	Site Investigations and Borings	10 days	Thu 9/2/21	Thu 9/16/21	39
154	Draft Preliminary Foundation Report	45 days	Wed 10/27/21	Fri 12/31/21	56
155	City and Caltrans Review	15 days	Mon 1/3/22	Mon 1/24/22	154
156	Address Review Comments	10 days	Tue 1/25/22	Mon 2/7/22	155
157	Submit Final Preliminary Foundation Report	0 days	Mon 2/7/22	Mon 2/7/22	156
158	Preliminary Geotechnical Design Report	55 days	Wed 10/27/21	Fri 1/14/22	
159	Draft Preliminary Geotechnical Report (PGDR)	30 days	Wed 10/27/21	Fri 12/10/21	56
160	City and Caltrans Review	20 days	Mon 12/13/21	Fri 1/7/22	159
161	Address Review Comments	5 days	Mon 1/10/22	Fri 1/14/22	160
162	Submit Final PGDR	0 days	Fri 1/14/22	Fri 1/14/22	161
163	ADL Assessment	45 days	Thu 9/2/21	Thu 11/4/21	
164	Site Review and Field Investigation	5 days	Thu 9/2/21	Thu 9/9/21	39
165	Draft ADL Assessment Report	20 days	Fri 9/10/21	Thu 10/7/21	164
166	City and Caltrans Review	15 days	Fri 10/8/21	Thu 10/28/21	165
167	Address Review Comments	5 days	Fri 10/29/21	Thu 11/4/21	166
168	Submit Final ADL Assessment Report	0 days	Thu 11/4/21	Thu 11/4/21	167
169	Task 10 - Constructability and Safety Review Meeting	25 days	Wed 5/11/22	Wed 6/15/22	
170	Caltrans Develops Memo	10 days	Wed 5/11/22	Tue 5/24/22	66
171	Schedule Meeting	5 days	Wed 5/25/22	Wed 6/1/22	170
172	Address Caltrans Comments	10 days	Thu 6/2/22	Wed 6/15/22	171
173	Task 11 - Right of Way Data Report	105 days	Tue 8/10/21	Fri 1/7/22	
174	Obtain Title Reports for Potential Property Impacts	30 days	Tue 8/10/21	Tue 9/21/21	45
175	Draft Right of Way Data Report	20 days	Wed 10/27/21	Wed 11/24/21	56
176	City and Caltrans Review	20 days	Mon 11/29/21	Fri 12/24/21	175
177	Address Caltrans Comments	10 days	Mon 12/27/21	Fri 1/7/22	176
178	Task 12 - Pavement Assessment and Design	60 days	Wed 10/27/21	Mon 1/24/22	
179	Preliminary Materials Report	35 days	Wed 10/27/21	Fri 12/17/21	
180	Prepare Draft Preliminary Materials Report	20 days	Wed 10/27/21	Wed 11/24/21	56,146
181	City and Caltrans Review	10 days	Mon 11/29/21	Fri 12/10/21	180
182	Address Review Comments	5 days	Mon 12/13/21	Fri 12/17/21	181
183	Submit Final Materials Report	0 days	Fri 12/17/21	Fri 12/17/21	182
184	Prepare Life Cycle Cost Analysis (LCCA)	25 days	Mon 12/20/21	Mon 1/24/22	
185	Prepare Draft LCCA	10 days	Mon 12/20/21	Fri 12/31/21	183
186	City and Caltrans Review	10 days	Mon 1/3/22	Fri 1/14/22	185
187	Address Review Comments	5 days	Tue 1/18/22	Mon 1/24/22	186
188	Submit Final LCCA	0 days	Mon 1/24/22	Mon 1/24/22	187

Schedule B - Schedule Rocklin Road/I-80 Interchange PA&ED																																	
ID	Task Name	Duration	Start	Finish	Predecessors																												
						Jun	Qtr 3, 2021			Qtr 4, 2021			Qtr 1, 2022			Qtr 2, 2022			Qtr 3, 2022			Qtr 4, 2022			Qtr 1, 2023			Qtr 2,					
						Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr					
189	Task 13 - Preliminary Signal and Electrical Design	45 days	Wed 10/27/21	Fri 12/31/21																													
190	Prepare Signal and Electrical 35% Design	20 days	Wed 10/27/21	Wed 11/24/21	56																												
191	City and Caltrans Review	15 days	Mon 11/29/21	Fri 12/17/21	190																												
192	Address Comments	10 days	Mon 12/20/21	Fri 12/31/21	191																												
193	Submit Final Signal and Electrical 35% Design	0 days	Fri 12/31/21	Fri 12/31/21	192																												
194	Task 14 - Utility Coordination	46 days	Tue 10/19/21	Fri 12/24/21																													
195	Utility Verification	21 days	Tue 10/19/21	Wed 11/17/21																													
196	Utility Coordination Meeting	1 day	Tue 10/19/21	Tue 10/19/21	50																												
197	Prepare Utility Mapping	20 days	Wed 10/20/21	Wed 11/17/21	196																												
198	Utility Potholing	15 days	Mon 12/6/21	Fri 12/24/21																													
199	Field Potholing	5 days	Mon 12/6/21	Fri 12/10/21	197FS+10 days																												
200	Prepare Pothole Report	10 days	Mon 12/13/21	Fri 12/24/21	199																												
201	Task 15 - Landscape Architecture	134 days	Tue 2/8/22	Tue 8/16/22																													
202	Basis of Design Memo	7 days	Tue 2/8/22	Wed 2/16/22	62																												
203	Landscape 35% Design	90 days	Thu 2/17/22	Fri 6/24/22	202																												
204	City Review and Revision	15 days	Mon 6/27/22	Fri 7/15/22	203																												
205	Caltrans Review	15 days	Mon 7/18/22	Fri 8/5/22	204																												
206	Prepare Landscape Cost Estimate	7 days	Mon 8/8/22	Tue 8/16/22	205																												
207	Prepare Visual Renderings	60 days	Wed 5/11/22	Wed 8/3/22	66																												
208	Task 16 - Environmental IS/MND and EA	179 days	Wed 4/27/22	Mon 1/9/23																													
209	Prepare Administrative Draft IS/MND and EA	4 wks	Wed 4/27/22	Tue 5/24/22	110																												
210	City Admin Draft Review	10 days	Wed 5/25/22	Wed 6/8/22	209																												
211	Address Comments	5 days	Thu 6/9/22	Wed 6/15/22	210																												
212	Caltrans Admin Draft Review	20 days	Wed 5/25/22	Wed 6/22/22	209																												
213	Address Comments	10 days	Thu 6/23/22	Wed 7/6/22	212																												
214	City and Caltrans Revised Draft Review	10 days	Thu 7/7/22	Wed 7/20/22	213																												
215	Address Comments	3 days	Thu 7/21/22	Mon 7/25/22	214																												
216	City and Caltrans Approve for Public Review	1 day	Tue 7/26/22	Tue 7/26/22	215,251																												
217	Prepare Public IS/MND and EA	6 days	Wed 7/27/22	Wed 8/3/22	216																												
218	Public Review	30 edays	Wed 8/3/22	Fri 9/2/22	217																												
219	Prepare Responses to Comments Matrix	10 days	Tue 9/6/22	Mon 9/19/22	218																												
220	City and Caltrans Review	1 wk	Tue 9/20/22	Mon 9/26/22	219																												
221	Prepare Administrative Draft Final IS/MND and EA	15 days	Tue 9/6/22	Mon 9/26/22	218																												
222	City and Caltrans Review	1 wk	Tue 9/27/22	Mon 10/3/22	221																												
223	Revise Administrative Draft Final IS/MND and EA	1 wk	Tue 10/4/22	Mon 10/10/22	222																												
224	City and Caltrans Review	2 wks	Tue 10/11/22	Mon 10/24/22	223																												
225	Prepare Screencheck Final IS/MND and EA	1 wk	Tue 10/25/22	Mon 10/31/22	224																												
226	Caltrans Branch Chief Review and Signature	1 wk	Tue 11/1/22	Mon 11/7/22	225																												
227	Print and Distribute Final EA Copies	4 days	Tue 11/8/22	Mon 11/14/22	226																												
228	City Adopts MND and Mitigation Measures	1 day	Mon 12/5/22	Mon 12/5/22	227FS+12 days																												

Page 5

<p align="center">Schedule B - Schedule Rocklin Road/I-80 Interchange PA&ED</p>	
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ID	Task Name	Duration	Start	Finish	Predecessors																													
						Jun	Qtr 3, 2021	Jul	Aug	Sep	Qtr 4, 2021	Oct	Nov	Dec	Qtr 1, 2022	Jan	Feb	Mar	Qtr 2, 2022	Apr	May	Jun	Qtr 3, 2022	Jul	Aug	Sep	Qtr 4, 2022	Oct	Nov	Dec	Qtr 1, 2023	Jan	Feb	Mar
229	City Files CEQA Notice of Determination	5 days	Tue 12/6/22	Mon 12/12/22	228																													
230	<i>Project Qualifies for SB 1 2022 Grant Funding</i>	<i>0 days</i>	<i>Mon 12/12/22</i>	<i>Mon 12/12/22</i>	229																													
231	Caltrans Signs NEPA Document	20 days	Tue 12/13/22	Mon 1/9/23	229																													
232	Task 17 - Public Outreach	303 days	Tue 8/3/21	Tue 10/11/22																														
233	Public Participation and Communication Plan	20 days	Tue 8/3/21	Mon 8/30/21	1																													
234	Stakeholder Meeting	254 days	Tue 9/28/21	Tue 9/27/22																														
235	Stakeholder Meeting 1	1 day	Tue 9/28/21	Tue 9/28/21																														
236	Stakeholder Meeting 2	1 day	Tue 12/28/21	Tue 12/28/21																														
237	Stakeholder Meeting 3	1 day	Tue 3/22/22	Tue 3/22/22																														
238	Stakeholder Meeting 4	1 day	Tue 6/28/22	Tue 6/28/22																														
239	Stakeholder Meeting 5	1 day	Tue 9/27/22	Tue 9/27/22																														
240	Public Meeting	254 days	Tue 10/12/21	Tue 10/11/22																														
241	Community Meeting 1	1 day	Tue 10/12/21	Tue 10/12/21																														
242	Community Meeting 2	1 day	Tue 4/12/22	Tue 4/12/22																														
243	Community Meeting 3	1 day	Tue 10/11/22	Tue 10/11/22																														
244	Task 18 - Project Report	297 days	Wed 10/27/21	Thu 12/29/22																														
245	Prepare Administrative Draft PR	16 wks	Wed 10/27/21	Tue 2/22/22	56																													
246	City Review	10 days	Wed 2/23/22	Tue 3/8/22	245																													
247	Address Comments	5 days	Wed 3/9/22	Tue 3/15/22	246																													
248	Caltrans Review	20 days	Wed 3/16/22	Tue 4/12/22	247																													
249	Prepare Draft PR	40 days	Wed 4/13/22	Wed 6/8/22	248																													
250	City and Caltrans Review	20 days	Thu 6/9/22	Wed 7/6/22	249																													
251	Prepare Draft PR for Public Review	10 days	Thu 7/7/22	Wed 7/20/22	250																													
252	Prepare Draft Final PR	20 days	Tue 9/20/22	Mon 10/17/22	219																													
253	Caltrans Executive Review	20 days	Tue 10/18/22	Tue 11/15/22	252																													
254	Prepare Final PR for Approval	30 days	Wed 11/16/22	Thu 12/29/22	226FS+5 days,253																													

EXHIBIT C

Schedule of Fees

Jacobs Engineering Group, Inc. will complete the tasks described in Exhibit A in an amount not to exceed One Million, Eight Hundred Thousand Dollars (\$1,800,000). See Fee Schedule below.



Tasks		JACOBS LABOR																											SUBCONSULTANTS					TOTAL LABOR & EXPENSES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		Principal-In-Charge	Project Manager	Deputy Project Manager/H&H Lead	Engineering Manager	Environmental Manager	Caltrans Advisor	Quality Control Manager	Structures Lead	Geotechnical Lead	Maintenance of Traffic Lead	Cost Estimating	Senior Roadway Engineer	Junior Roadway Engineer	Senior Structures Engineer	Junior Structures Engineer	H&H QC	Air Quality	Visual	Noise	Biology	Cultural	Permitting	Community Impact Assessment	Landscape Architect	Visual Media Designer	Grant B/C Analysis	GIS/Editor/ Word Processor	Jacobs Labor Hours	Jacobs Total Labor	3% Escalation per year based on schedule of task	Expenses	Wood Rodgers		Blackburn	Bender Rosenthal	AIM	Fehr & Peers																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		Bonneau, Leslie	McNeel-Card, Luke	Kellogg, Ashley	Robinson, Mike	Franck, Matt	Jordan, Samuel	Reinking, Lauren	Elwood, Jennifer	Mayer, Andrew	Kashuba, Tim	O'Reilly, John	MacGregor, Andrew	Nowlakha, Lilly	Negrete, Matt	Chang Siu, Roberto	Henderson, Rob	Zhuang, Hong	Stenholtz, Patti	Bastasch, Mark	Petersen, Julie	Price, Heather	Fisher, Kevin	Mejia, Jasmin	Kringel, Adam	Allison, Gary	Yusuf, Fatuma	Miller, Sara																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Billing Rate	2021	\$271.84	\$221.41	\$150.62	\$236.95	\$233.20	204.81	\$182.17	\$192.44	\$105.00	\$214.41	\$234.79	\$142.75	\$89.51	\$210.36	\$88.75	\$243.56	\$160.43	\$115.97	\$200.96	\$113.32	\$175.17	\$187.33	\$157.99	\$134.85	\$167.46	\$202.80	\$136.51																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												</

EXHIBIT D

CERTIFICATE OF COMPLIANCE WITH LABOR CODE § 3700
[Labor Code § 1861]

I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.

CONTRACTORS

By: _____
[Title]

EXHIBIT E

LABOR COMPLIANCE

1. PREVAILING WAGE

A. The Work contemplated herein constitutes a public work within the meaning of Labor Code sections 1720 and 1771. It shall be mandatory upon the Contractor and upon any Subcontractor, to pay not less than the said specified prevailing rates of wages to all workers employed by them under the Contract in accordance with Labor Code section 1774. The Director of the Department of Industrial Relations ("DIR") of the State of California has determined the general prevailing rate of wages of per diem wages in the locality in which the work is to be performed for each craft or type of worker needed to execute the Contract. The Contractor acknowledges that it has examined the prevailing rate of per diem wages as established by the DIR. Copies of the current schedules for prevailing wages are on file at City Hall, and the contents of those schedules are incorporated herein as if set forth in full. The Contractor shall post a copy of the applicable prevailing wage determinations at each job site, along with any other work place posters required by law.

B. The City will not recognize any claims for additional compensation because of the payment of prevailing wages. The possibility of wage increases is one of the elements to be considered by the Contractor in determining its proposal, and will not under any circumstances be considered as the basis of a claim against the City.

C. By executing this Contract Contractor warrants that it has registered with the Department of Industrial Relations in accordance with Labor Code section 1725.5.

2. PREVAILING WAGE RECORDS

A. The Contractor and each subcontractor shall keep an accurate payroll record which shows the name, address, social security number, correct work classification (in accordance with the wage decision), both straight and overtime worked each day and week, and hourly rate of pay, gross wages earned, deductions made and net wages paid to each journeyman, apprentice, worker or other employee paid by the Contractor /subcontractor in connection with the Work. These payroll records shall be certified and shall be made available at Contractor's principal office. These records shall be maintained during the course of the Work. The Contractor and all subcontractors shall make the certified payroll records available for inspection by City representatives upon request and shall permit such representatives to interview employees during the work hours on the job site.

B. The City shall notify the Contractor in writing of any discrepancies or violations that are discovered during such inspections. Written notification pursuant to this Section shall include the actions that will be necessary to resolve the discrepancies and/or violations. The Contractor shall be held entirely responsible for the prompt resolution of all non-compliances with the prevailing wage laws, including those pertaining to all subcontractors and any lower-tier subcontractors. The Contractor shall forfeit as penalty to the City the amount specified by law for each calendar day or portion thereof for each worker (whether employed by the Contractor or any subcontractor) paid less than the stipulated prevailing rates for any work done under the Contract in violation of the provisions of the Labor Code and in particular, Section 1775.

C. To the extent applicable, Contractor and subcontractors shall maintain and furnish to the Department of Industrial Relations ("DIR"), a certified copy of each weekly payroll (but no

less often than monthly), with a statement of compliance signed under penalty of perjury. Such certified payroll reports shall be transmitted electronically to the DIR.

D. The City will not recognize any claims for additional compensation because of the payment of the prevailing wages. The possibility of wage increases is one of the elements to be considered by the Contractor in entering into the Contract, and will not under any circumstances, other than delays caused by the City, or the City's agents, be considered as the basis of a claim against the City.

3. Labor Discrimination

Attention is directed to Section 1735 of the Labor Code, which reads as follows:

"No discrimination shall be made in the employment of persons upon public works because of their race, color, national origin or ancestry, physical handicap, mental condition, marital status, or sex of such person, except as provided in Section 12940 of the Government Code, and every General Contractor for public works violating this section is subject to all the penalties imposed for a violation of this chapter."

4 Eight-Hour Day Limitation

(a) In accordance with the provisions of the Labor Code, and in particular, Sections 1810 to 1815 thereof, inclusive, incorporated herein by reference, eight hours labor shall constitute a day's work, and no worker in the employ of Contractor, or any Subcontractor, doing or contracting to do any part of the work contemplated by the Contract, shall be required or permitted to work more than eight (8) hours in any one calendar day and forty (40) hours in any one calendar week in violation of those provisions; provided that subject to Labor Code Section 1815, a worker may perform work in excess of either eight (8) hours per day or forty (40) hours during any one week upon compensation for all hours worked in excess of eight (8) hours per day or forty (40) hours during any one week at not less than one and one-half times the basic rate of pay.

(b) The Contractor and each Subcontractor shall also keep an accurate record showing the names and actual hours worked of all workers employed by them in connection with the Contract. This record shall be open at all reasonable hours to the inspection of the City. It is hereby further agreed that, except as provided in (a) above, the Contractor shall forfeit as a penalty to the City the sum of twenty-five dollars (\$25) for each worker employed in the performance of the Contract by the Contractor or by any of its Subcontractors for each calendar day during which such worker is required or permitted to labor more than eight (8) hours in and one calendar day and forty (40) hours in any one calendar week in violation of Sections 1810 through 1815.

5. Compliance with State Requirements for Employment of Apprentices

(a) The Contractor's attention is directed to Section 1777.5 of the Labor Code. Provisions of said Section pertaining to employment of registered apprentices are hereby incorporated by reference into this Contract. As applicable, the Contractor or any Subcontractor employed by the Contractor in the performance of this Contract shall take such actions as necessary to comply with the provisions of Section 1777.5.