

SERVICE AGREEMENT CITY OF FRESNO, CALIFORNIA

THIS AGREEMENT (Agreement) is made and entered into, effective on _____, by and between the CITY OF FRESNO, a California municipal corporation (City), and Helix Environmental Planning, Inc. (Service Provider).

RECITALS

WHEREAS, City desires to obtain California Environmental Quality Act (CEQA) professional services for Planning and Development on call CEQA projects (Project); and

WHEREAS, the City has established a pre-qualified list of consultants (Service Provider) for development project applicants (Developer) to choose from; and

WHEREAS, Service Provider is engaged in the business of furnishing such services as a CEQA environmental professional consultant and hereby represents that it desires to and is professionally and legally capable of performing the services called for by this Agreement; and

WHEREAS, Service Provider shall not be compensated by the City, instead the Developer for the Project shall be solely responsible for compensation by the Project's developer; and

WHEREAS, Service Provider acknowledges that this Agreement is subject to the requirements of Fresno Municipal Code Section 4-107; and

WHEREAS, this Agreement will be administered for City by its Planning Development Director (Administrator) or designee.

AGREEMENT

NOW, THEREFORE, in consideration of the foregoing and of the covenants, conditions, and premises hereinafter contained to be kept and performed by the respective parties, it is mutually agreed as follows:

1. Scope of Services. Service Provider shall perform to the satisfaction of City the services described in **Exhibit A**, including all work incidental to, or necessary to perform, such services even though not specifically described in **Exhibit A**.
2. Term of Agreement and Time for Performance. This Agreement shall be effective from the date first set forth above (Effective Date) and shall continue in full force and effect through October 30, 2028, with the option of two additional one-year extensions, subject to any earlier termination in accordance with this Agreement. The services of Service Provider as described in **Exhibit A** are to commence upon the Effective Date and shall be completed in a sequence assuring expeditious completion, but in any event, all such services shall be completed prior to expiration of this Agreement and in accordance with any performance schedule set forth in **Exhibit A**.
3. Compensation.
 - (a) Service Provider's sole compensation for satisfactory performance of all services required or rendered pursuant to this Agreement and shall not

exceed \$2,000,000 paid on the basis of the rates set forth in the schedule of fees and expenses contained in **Exhibit A**. Such fee includes all expenses incurred by Service Provider in performance of the services and are not for appropriations.

- (b) Detailed statements shall be rendered monthly for services performed in the preceding month and will be payable in the normal course of City business. City shall not be obligated to reimburse any expense for which it has not received a detailed invoice with applicable copies of representative and identifiable receipts or records substantiating such expenses.
- (c) The parties may modify this Agreement to increase or decrease the scope of services or provide for the rendition of services not required by this Agreement, which modification shall include an adjustment to Service Provider's compensation. Any change in the scope of services must be made by written amendment to the Agreement signed by an authorized representative for each party. Service Provider shall not be entitled to any additional compensation if services are performed prior to a signed written amendment.

4. Termination, Remedies, and Force Majeure.

- (a) This Agreement shall terminate without any liability of City to Service Provider upon the earlier of : (i) Service Provider's filing for protection under the federal bankruptcy laws, or any bankruptcy petition or petition for receiver commenced by a third party against Service Provider; (ii) seven calendar days' prior written notice with or without cause by City to Service Provider; (iii) City's non-appropriation of funds sufficient to meet its obligations hereunder during any City fiscal year of this Agreement, or insufficient funding for the Project; or (iv) expiration of this Agreement.
- (b) Immediately upon any termination or expiration of this Agreement, Service Provider shall (i) immediately stop all work hereunder; (ii) immediately cause any and all of its subcontractors to cease work; and (iii) return to City any and all unearned payments and all properties and materials in the possession of Service Provider that are owned by City. Subject to the terms of this Agreement, Service Provider shall be paid compensation for services satisfactorily performed prior to the effective date of termination. Service Provider shall not be paid for any work or services performed or costs incurred which reasonably could have been avoided.
- (c) In the event of termination due to failure of Service Provider to satisfactorily perform in accordance with the terms of this Agreement, City may withhold an amount that would otherwise be payable as an offset to, but not in excess of, City's damages caused by such failure. In no event shall any payment by City pursuant to this Agreement constitute a waiver by City of any breach of this Agreement which may then exist on the part of Service Provider, nor shall such payment impair or prejudice any remedy available to City with respect to the breach.

- (d) Upon any breach of this Agreement by Service Provider, City may (i) exercise any right, remedy (in contract, law or equity), or privilege which may be available to it under applicable laws of the State of California or any other applicable law; (ii) proceed by appropriate court action to enforce the terms of the Agreement; and/or (iii) recover all direct, indirect, consequential, economic and incidental damages for the breach of the Agreement. If it is determined that City improperly terminated this Agreement for default, such termination shall be deemed a termination for convenience.
- (e) Service Provider shall provide City with adequate written assurances of future performance, upon Administrator's request, in the event Service Provider fails to comply with any terms or conditions of this Agreement.
- (f) Service Provider shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of Service Provider and without its fault or negligence such as, acts of God or the public enemy, acts of City in its contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. Service Provider shall notify Administrator in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, and shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to Administrator of the cessation of such occurrence.

5. Confidential Information and Ownership of Documents.

- (a) Any reports, information, or other data prepared or assembled by Service Provider pursuant to this Agreement shall not be made available to any individual or organization by Service Provider without the prior written approval of the Administrator. During the term of this Agreement, and thereafter, Service Provider shall not, without the prior written consent of City, disclose to anyone any Confidential Information. The term Confidential Information for the purposes of this Agreement shall include all proprietary and confidential information of City, including but not limited to business plans, marketing plans, financial information, materials, compilations, documents, instruments, models, source or object codes and other information disclosed or submitted, orally, in writing, or by any other medium or media. All Confidential Information shall be and remain confidential and proprietary in City.
- (b) Any and all writings and documents prepared or provided by Service Provider pursuant to this Agreement are the property of City at the time of preparation and shall be turned over to City upon expiration or termination of the Agreement. Service Provider shall not permit the reproduction or use thereof by any other person except as otherwise expressly provided herein.
- (c) If Service Provider should subcontract all or any portion of the services to be performed under this Agreement, Service Provider shall cause each subcontractor to also comply with the requirements of this Section 5.

(d) This Section 5 shall survive expiration or termination of this Agreement.

6. Level of Skill. It is further mutually understood and agreed by and between the parties hereto that inasmuch as Service Provider represents to City that Service Provider and its subcontractors, if any, are skilled in the profession and shall perform in accordance with the standards of said industry necessary to perform the services agreed to be done by it under this Agreement, City relies upon the skill of Service Provider and its subcontractors, if any, to do and perform such services in a skillful manner and Service Provider agrees to thus perform the services and require the same of any subcontractors. Therefore, any acceptance of such services by City shall not operate as a release of Service Provider or any subcontractors from said industry and professional standards.
7. Indemnification. To the furthest extent allowed by law, Service Provider shall indemnify, hold harmless and defend City and each of its officers, officials, employees, agents, and volunteers from any and all loss, liability, fines, penalties, forfeitures, costs and damages (whether in contract, tort or strict liability, including but not limited to personal injury, death at any time and property damage) incurred by City, Service Provider or any other person, and from any and all claims, demands and actions in law or equity (including reasonable attorney's fees, litigation expenses and cost to enforce this agreement), arising or alleged to have arisen directly or indirectly out of performance of this Agreement. Service Provider's obligations under the preceding sentence shall apply regardless of whether City or any of its officers, officials, employees, agents, or volunteers are negligent, but shall not apply to any loss, liability, fines, penalties, forfeitures, costs or damages caused solely by the gross negligence, or caused by the willful misconduct, of City or any of its officers, officials, employees, agents, or volunteers.

If Service Provider should subcontract all or any portion of the work to be performed under this Agreement, Service Provider shall require each subcontractor to indemnify, hold harmless and defend City and each of its officers, officials, employees, agents, and volunteers in accordance with the terms of the preceding paragraph.

This section shall survive termination or expiration of this Agreement.

8. Insurance.
 - (a) Throughout the life of this Agreement, the Service Provider shall pay for and maintain in full force and effect all insurance as required in **Exhibit B**, which is incorporated into and part of this Agreement, with an insurance company(ies) either (i) admitted by the California Insurance Commissioner to do business in the State of California and rated no less than "A-VII" in the Best's Insurance Rating Guide, or (ii) as may be authorized in writing by the City's Risk Manager or designee at any time and in its sole discretion. The required policies of insurance as stated in **Exhibit B** shall maintain limits of liability of not less than those amounts stated therein. However, the insurance limits available to the City, its officers, officials, employees, agents, and volunteers as additional insureds, shall be the greater of the

minimum limits specified therein or the full limit of any insurance proceeds to the named insured.

- (b) If at any time during the life of the Agreement or any extension, the Service Provider or any of its subcontractors/sub-Service Providers fail to maintain any required insurance, all services and work under this Agreement shall be discontinued immediately, and all payments due, or that become due, to the Service Provider shall be withheld until insurance is in compliance with the requirements. Any failure to maintain the required insurance shall be sufficient cause for the City to terminate this Agreement. No action taken by the City pursuant to this section shall in any way relieve the Service Provider of its responsibilities under this Agreement. The phrase "fail to maintain any required insurance" shall include, without limitation, notification received by the City that an insurer has commenced proceedings, or has had proceedings commenced against it, indicating that the insurer is insolvent.
- (c) The fact that insurance is obtained by the Service Provider shall not be deemed to release or diminish the liability of the Service Provider, including, without limitation, liability under the indemnity provisions of this Agreement. The duty to indemnify the City shall apply to all claims and liability regardless of whether any insurance policies are applicable. The policy limits do not act as a limitation upon the amount of indemnification to be provided by the Service Provider. Approval or purchase of any insurance contracts or policies shall in no way relieve from liability nor limit the liability of the Service Provider, its principals, officers, agents, employees, persons under the supervision of the Service Provider, vendors, suppliers, invitees, Service Providers, sub-Service Providers, subcontractors, or anyone employed directly or indirectly by any of them.

9. Conflict of Interest and Non-Solicitation.

- (a) Prior to City's execution of this Agreement, Service Provider shall complete a City of Fresno conflict of interest disclosure statement in the form as set forth in Exhibit C. During the term of this Agreement, Service Provider shall have the obligation and duty to immediately notify City in writing of any change to the information provided by Service Provider in such statement.
- (b) Service Provider shall comply, and require its subcontractors to comply, with all applicable (i) professional canons and requirements governing avoidance of impermissible client conflicts; and (ii) federal, state, and local conflict of interest laws and regulations including, without limitation, California Government Code Section 1090 et. seq., the California Political Reform Act (California Government Code Section 87100 et. seq.) and the regulations of the Fair Political Practices Commission concerning disclosure and disqualification (2 California Code of Regulations Section 18700 et. seq.). At any time, upon written request of City, Service Provider shall provide a written opinion of its legal counsel and that of any subcontractor that, after a due diligent inquiry, Service Provider and the respective subcontractor(s) are in full compliance with all laws and regulations. Service

Provider shall take, and require its subcontractors to take, reasonable steps to avoid any appearance of a conflict of interest. Upon discovery of any facts giving rise to the appearance of a conflict of interest, Service Provider shall immediately notify City of these facts in writing.

- (c) Consultant's duties and services under this Agreement shall not include preparing or assisting the City with any portion of the City's preparation of a request for proposals, request for qualifications, or any other solicitation regarding a subsequent or additional contract with the City. The City entering this Agreement shall at all times retain responsibility for public contracting, including with respect to any subsequent phase of this Project. Consultant's participation in the planning, discussions, or drawing of project plans or specifications shall be limited to conceptual, preliminary, or initial plans or specifications. Consultant shall cooperate with the City to ensure that all bidders for a subsequent contract on any subsequent phase of this Project have access to the same information, including all conceptual, preliminary, or initial plans or specifications prepared by Consultant pursuant to this Agreement.
 - (d) In performing the work or services to be provided hereunder, Service Provider shall not employ or retain the services of any person while such person either is employed by City or is a member of any City council, commission, board, committee, or similar City body. This requirement may be waived in writing by the City Manager, if no actual or potential conflict is involved.
 - (e) Service Provider represents and warrants that it has not paid or agreed to pay any compensation, contingent or otherwise, direct or indirect, to solicit, or procure this Agreement or any rights/benefits hereunder.
 - (f) Service Provider and any of its subcontractors shall have no interest, direct or indirect, in any other contract with a third party in connection with this Project unless such interest is in accordance with all applicable law and fully disclosed to and approved by the City Manager, in advance and in writing. Notwithstanding any approval given by the City Manager under this provision, Service Provider shall remain responsible for complying with Section 9(a), above.
 - (g) If Service Provider should subcontract all or any portion of the work to be performed or services to be provided under this Agreement, Service Provider shall include the provisions of this Section 9 in each subcontract and require its subcontractors to comply therewith.
 - (h) This Section 9 shall survive expiration or termination of this Agreement.
10. Recycling Program. In the event Service Provider maintains an office or operates a facility(ies), or is required herein to maintain or operate same, within the incorporated limits of the City of Fresno, Service Provider at its sole cost and expense shall:

- (a) Immediately establish and maintain a viable and ongoing recycling program, approved by City's Solid Waste Management Division, for each office and facility. Literature describing City recycling programs is available from City's Solid Waste Management Division and by calling City of Fresno Recycling Hotline at (559) 621-1111.
- (b) Immediately contact City's Solid Waste Management Division at (559) 621-1452 and schedule a free waste audit, and cooperate with such Division in their conduct of the audit for each office and facility.
- (c) Cooperate with and demonstrate to the satisfaction of City's Solid Waste Management Division the establishment of the recycling program in paragraph (a) above and the ongoing maintenance thereof.

11. General Terms.

- (a) Except as otherwise provided by law, all notices expressly required of City within the body of this Agreement, and not otherwise specifically provided for, shall be effective only if signed by the Administrator or designee.
- (b) Records of Service Provider's expenses pertaining to the Project shall be kept on a generally recognized accounting basis and shall be available to City or its authorized representatives upon request during regular business hours throughout the life of this Agreement and for a period of three years after final payment or, if longer, for any period required by law. In addition, all books, documents, papers, and records of Service Provider pertaining to the Project shall be available for the purpose of making audits, examinations, excerpts, and transcriptions for the same period of time. If any litigation, claim, negotiations, audit or other action is commenced before the expiration of said time period, all records shall be retained and made available to City until such action is resolved, or until the end of said time period whichever shall later occur. If Service Provider should subcontract all or any portion of the services to be performed under this Agreement, Service Provider shall cause each subcontractor to also comply with the requirements of this paragraph. This Section 11(b) shall survive expiration or termination of this Agreement.
- (c) Prior to execution of this Agreement by City, Service Provider shall have provided evidence to City that Service Provider is licensed to perform the services called for by this Agreement (or that no license is required). If Service Provider should subcontract all or any portion of the work or services to be performed under this Agreement, Service Provider shall require each subcontractor to provide evidence to City that subcontractor is licensed to perform the services called for by this Agreement (or that no license is required) before beginning work.

12. Nondiscrimination. To the extent required by controlling federal, state and local law, Service Provider shall not employ discriminatory practices in the provision of services, employment of personnel, or in any other respect on the basis of race, religious creed, color, national origin, ancestry, physical disability, mental disability,

medical condition, marital status, sex, age, sexual orientation, ethnicity, status as a disabled veteran or veteran of the Vietnam era. Subject to the foregoing and during the performance of this Agreement, Service Provider agrees as follows:

- (a) Service Provider will comply with all applicable laws and regulations providing that no person shall, on the grounds of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex, age, sexual orientation, ethnicity, status as a disabled veteran or veteran of the Vietnam era be excluded from participation in, be denied the benefits of, or be subject to discrimination under any program or activity made possible by or resulting from this Agreement.
- (b) Service Provider will not discriminate against any employee or applicant for employment because of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex, age, sexual orientation, ethnicity, status as a disabled veteran or veteran of the Vietnam era. Service Provider shall ensure that applicants are employed, and the employees are treated during employment, without regard to their race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex, age, sexual orientation, ethnicity, status as a disabled veteran or veteran of the Vietnam era. Such requirement shall apply to Service Provider's employment practices including, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. Service Provider agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provision of this nondiscrimination clause.
- (c) Service Provider will, in all solicitations or advertisements for employees placed by or on behalf of Service Provider in pursuit hereof, state that all qualified applicants will receive consideration for employment without regard to race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex, age, sexual orientation, ethnicity, status as a disabled veteran or veteran of the Vietnam era.
- (d) Service Provider will send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, a notice advising such labor union or workers' representatives of Service Provider's commitment under this section and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- (e) If Service Provider should subcontract all or any portion of the services to be performed under this Agreement, Service Provider shall cause each subcontractor to also comply with the requirements of this Section 12.

13. Independent Contractor.

- (a) In the furnishing of the services provided for herein, Service Provider is acting solely as an independent contractor. Neither Service Provider, nor any of its officers, agents, or employees shall be deemed an officer, agent, employee, joint venturer, partner, or associate of City for any purpose. City shall have no right to control or supervise or direct the manner or method by which Service Provider shall perform its work and functions. However, City shall retain the right to administer this Agreement so as to verify that Service Provider is performing its obligations in accordance with the terms and conditions thereof.
- (b) This Agreement does not evidence a partnership or joint venture between Service Provider and City. Service Provider shall have no authority to bind City absent City's express written consent. Except to the extent otherwise provided in this Agreement, Service Provider shall bear its own costs and expenses in pursuit thereof.
- (c) Because of its status as an independent contractor, Service Provider and its officers, agents, and employees shall have absolutely no right to employment rights and benefits available to City employees. Service Provider shall be solely liable and responsible for all payroll and tax withholding and for providing to, or on behalf of, its employees all employee benefits including, without limitation, health, welfare and retirement benefits. In addition, together with its other obligations under this Agreement, Service Provider shall be solely responsible, indemnify, defend and save City harmless from all matters relating to employment and tax withholding for and payment of Service Provider's employees, including, without limitation, (i) compliance with Social Security and unemployment insurance withholding, payment of workers compensation benefits, and all other laws and regulations governing matters of employee withholding, taxes and payment; and (ii) any claim of right or interest in City employment benefits, entitlements, programs and/or funds offered employees of City whether arising by reason of any common law, de facto, leased, or co- employee rights or other theory. It is acknowledged that during the term of this Agreement, Service Provider may be providing services to others unrelated to City or to this Agreement.

14. Notices. Any notice required or intended to be given to either party under the terms of this Agreement shall be in writing and shall be deemed to be duly given if delivered personally, transmitted by facsimile followed by telephone confirmation of receipt, or sent by United States registered or certified mail, with postage prepaid, return receipt requested, addressed to the party to which notice is to be given at the party's address set forth on the signature page of this Agreement or at such other address as the parties may from time to time designate by written notice. Notices served by United States mail in the manner above described shall be deemed sufficiently served or given at the time of the mailing thereof.

15. Binding. Subject to Section 16, below, once this Agreement is signed by all parties, it shall be binding upon, and shall inure to the benefit of, all parties, and each parties' respective heirs, successors, assigns, transferees, agents, servants, employees and representatives.
16. Assignment.
 - (a) This Agreement is personal to Service Provider and there shall be no assignment by Service Provider of its rights or obligations under this Agreement without the prior written approval of the City Manager or designee. Any attempted assignment by Service Provider, its successors or assigns, shall be null and void unless approved in writing by the City Manager or designee.
 - (b) Service Provider hereby agrees not to assign the payment of any monies due Service Provider from City under the terms of this Agreement to any other individual(s), corporation(s) or entity(ies). City retains the right to pay any and all monies due Service Provider directly to Service Provider.
17. Compliance With Law. In providing the services required under this Agreement, Service Provider shall at all times comply with all applicable laws of the United States, the State of California and City, and with all applicable regulations promulgated by federal, state, regional, or local administrative and regulatory agencies, now in force and as they may be enacted, issued, or amended during the term of this Agreement.
18. Waiver. The waiver by either party of a breach by the other of any provision of this Agreement shall not constitute a continuing waiver or a waiver of any subsequent breach of either the same or a different provision of this Agreement. No provisions of this Agreement may be waived unless in writing and signed by all parties to this Agreement. Waiver of any one provision herein shall not be deemed to be a waiver of any other provision herein.
19. Governing Law and Venue. This Agreement shall be governed by, and construed and enforced in accordance with, the laws of the State of California, excluding, however, any conflict of laws rule which would apply the law of another jurisdiction. Venue for purposes of the filing of any action regarding the enforcement or interpretation of this Agreement and any rights and duties hereunder shall be Fresno County, California.
20. Headings. The section headings in this Agreement are for convenience and reference only and shall not be construed or held in any way to explain, modify or add to the interpretation or meaning of the provisions of this Agreement.
21. Severability. The provisions of this Agreement are severable. The invalidity, or unenforceability of any one provision in this Agreement shall not affect the other provisions.
22. Interpretation. The parties acknowledge that this Agreement in its final form is the result of the combined efforts of the parties and that, should any provision of this Agreement be found to be ambiguous in any way, such ambiguity shall not be

resolved by construing this Agreement in favor of or against either party, but rather by construing the terms in accordance with their generally accepted meaning.

23. Attorney's Fees. If either party is required to commence any proceeding or legal action to enforce or interpret any term, covenant or condition of this Agreement, the prevailing party in such proceeding or action shall be entitled to recover from the other party its reasonable attorney's fees and legal expenses.
24. Exhibits. Each exhibit and attachment referenced in this Agreement is, by the reference, incorporated into and made a part of this Agreement.
25. Precedence of Documents. In the event of any conflict between the body of this Agreement and any exhibit or attachment hereto, the terms and conditions of the body of this Agreement shall control and take precedence over the terms and conditions expressed within the exhibit or attachment. Furthermore, any terms or conditions contained within any exhibit or attachment hereto which purport to modify the allocation of risk between the parties, provided for within the body of this Agreement, shall be null and void.
26. Cumulative Remedies. No remedy or election hereunder shall be deemed exclusive but shall, wherever possible, be cumulative with all other remedies at law or in equity.
27. No Third Party Beneficiaries. The rights, interests, duties, and obligations defined within this Agreement are intended for the specific parties hereto as identified in the preamble of this Agreement. Notwithstanding anything stated to the contrary in this Agreement, it is not intended that any rights or interests in this Agreement benefit or flow to the interest of any third parties.
28. Extent of Agreement. Each party acknowledges that they have read and fully understand the contents of this Agreement. This Agreement represents the entire and integrated agreement between the parties with respect to the subject matter hereof and supersedes all prior negotiations, representations or agreements, either written or oral. This Agreement may be modified only by written instrument duly authorized and executed by both City and Service Provider.
29. The City Manager, or designee, is hereby authorized and directed to execute and implement this Agreement. The previous sentence is not intended to delegate any authority to the City Manager to administer the Agreement, any delegation of authority must be expressly included in the Agreement.

[SIGNATURES FOLLOW ON THE NEXT PAGE.]

IN WITNESS WHEREOF, the parties have executed this Agreement at Fresno, California, the day and year first above written.

IN WITNESS WHEREOF, the parties have executed this Agreement at Fresno, California, on the day and year first above written.

CITY OF FRESNO,
A California municipal corporation

By: _____
Georgeanne A. White Date
City Manager

APPROVED AS TO FORM:
ANDREW JANZ
City Attorney

By: _____
Kristi Costa 10/6/2025
Kristi Costa Date
Supervising Deputy City Attorney

ATTEST:
TODD STERMER, CMC
City Clerk

By: _____
Deputy Date

Addresses:
CITY:
City of Fresno
Attention: David Densley
Projects Administrator
2600 Fresno Street, 3rd Floor
Fresno, CA 93721
Phone: (559) 621-8473
E-mail: David.Densley@fresno.gov

Attachments:

1. Exhibit A - Scope of Services
2. Exhibit B - Insurance Requirements
3. Exhibit C - Conflict of Interest Disclosure Form
4. Exhibit D – Standards of Performance

Helix Environmental Planning, Inc.

Signed by:
By: Shelby Howard 10/2/2025
77D901CCA4BD4F0...

Name: Shelby Howard

Title: President

(If corporation or LLC., Board Chair,
President or Vice Pres.)

Signed by:
By: Kristin Olzak 10/3/2025
5426AC655F4C422...

Name: Kristin Olzak

Title: CFO

(If corporation or LLC., CFO, Treasurer,
Secretary or Assistant Secretary)

REVIEWED BY:

SERVICE PROVIDER:

Helix Environmental Planning, Inc.
Attention: Ann Marie Perozzi
Senior Marketing Coordinator
7578 El Cajon Blvd.
La Mesa, CA, 91942
Phone: 916-435-1202
E-mail: AnnMarieP@helixpi.com

EXHIBIT A

SCOPE OF SERVICES

**Service Agreement between City of Fresno
and Helix Environmental Planning, Inc.**

ON-CALL ENVIRONMENTAL SERVICES PURSUANT TO CEQA

See attached.

Schedule of Fees:

See attached.

EXHIBIT B

INSURANCE REQUIREMENTS

Service Agreement between City of Fresno (City) and Helix Environmental Planning, Inc. (Service Provider) ON-CALL ENVIRONMENTAL SERVICES PURSUANT TO CEQA

MINIMUM SCOPE OF INSURANCE

Coverage shall be at least as broad as:

1. The most current version of Insurance Services Office (ISO) Commercial General Liability Coverage Form CG 00 01, providing liability coverage arising out of your business operations. The Commercial General Liability policy shall be written on an occurrence form and shall provide coverage for "bodily injury," "property damage" and "personal and advertising injury" with coverage for premises and operations (including the use of owned and non-owned equipment), products and completed operations, and contractual liability (including, without limitation, indemnity obligations under the Agreement) with limits of liability not less than those set forth under "Minimum Limits of Insurance."
2. The most current version of Commercial Auto Coverage Form CA 00 01, providing liability coverage arising out of the ownership, maintenance or use of automobiles in the course of your business operations. The Automobile Policy shall be written on an occurrence form and shall provide coverage for all owned, hired, and non-owned automobiles or other licensed vehicles (Code 1- Any Auto).
3. Workers' Compensation insurance as required by the State of California and Employer's Liability Insurance.
4. Professional Liability (Errors and Omissions) insurance appropriate to Consultant's profession.

MINIMUM LIMITS OF INSURANCE

The Consultant, or any party the Consultant subcontracts with, shall maintain limits of liability of not less than those set forth below. However, insurance limits available to the City, its officers, officials, employees, agents, and volunteers as additional insureds, shall be the greater of the minimum limits specified herein or the full limit of any insurance proceeds available to the named insured:

1. **COMMERCIAL GENERAL LIABILITY:**
 - (i) \$1,000,000 per occurrence for bodily injury and property damage;
 - (ii) \$1,000,000 per occurrence for personal and advertising injury;
 - (iii) \$2,000,000 aggregate for products and completed operations; and,
 - (iv) \$2,000,000 general aggregate applying separately to the work performed under the Agreement.
2. **COMMERCIAL AUTOMOBILE LIABILITY:**

\$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.

4. EMPLOYER'S LIABILITY:

- (i) \$1,000,000 each accident for bodily injury;
- (ii) \$1,000,000 disease each employee; and,
- (iii) \$1,000,000 disease policy limit.

5. PROFESSIONAL LIABILITY (Errors and Omissions):

- (i) \$1,000,000 per claim/occurrence; and,
- (ii) \$2,000,000 policy aggregate.

UMBRELLA OR EXCESS INSURANCE

In the event the Consultant purchases an Umbrella or Excess insurance policy(ies) to meet the "Minimum Limits of Insurance," this insurance policy(ies) shall "follow form" and afford no less coverage than the primary insurance policy(ies). In addition, such Umbrella or Excess insurance policy(ies) shall also apply on a primary and non-contributory basis for the benefit of the City, its officers, officials, employees, agents, and volunteers.

DEDUCTIBLES AND SELF-INSURED RETENTIONS

The Consultant shall be responsible for payment of any deductibles contained in any insurance policy(ies) required herein and the Consultant shall also be responsible for payment of any self-insured retentions.

OTHER INSURANCE PROVISIONS/ENDORSEMENTS

The General Liability and Automobile Liability insurance policies are to contain, or be endorsed to contain, the following provisions:

1. The City, its officers, officials, employees, agents, and volunteers are to be covered as additional insureds. Consultant shall establish additional insured status for the City under the General Liability policy for all ongoing and completed operations by use of endorsements providing additional insured status as broad as that contained in ISO Form CG 20 10 11 85 or CG 20 10 04 13.
2. The coverage shall contain no special limitations on the scope of protection afforded to the City, its officers, officials, employees, agents, and volunteers. Any available insurance proceeds in excess of the specified minimum limits and coverage shall be available to the Additional Insured.
3. Consultant's insurance coverage shall be primary insurance with respect to the City, its officers, officials, employees, agents, and volunteers. Any insurance or self-insurance maintained by the City, its officers, officials, employees, agents, and volunteers shall be excess of the Consultant's insurance and shall not contribute with it. The Consultant shall establish primary and non-contributory status on the General Liability policy by use of ISO Form CG 20 01 04 13, or by an executed endorsement that provides primary and non-contributory status as broad as that contained in ISO Form CG 20 01 04 13.
4. All policies of insurance shall contain, or be endorsed to contain, the following provision: the Consultant and its insurer shall waive any right of subrogation against the City, its officers, officials, employees, agents, and volunteers.

5. All policies of insurance required herein shall be endorsed to provide that the coverage shall not be cancelled, non-renewed, reduced in coverage or in limits except after 30 calendar days written notice by certified mail, return receipt requested, has been given to the City. The Consultant is also responsible for providing written notice to the City under the same terms and conditions. Upon issuance by the insurer, broker, or agent, of a notice of cancellation, non-renewal, or reduction in coverage or in limits, the Consultant shall furnish the City with a new certificate and applicable endorsements for such policy(ies). In the event any policy is due to expire during the work to be performed for the City, the Consultant shall provide a new certificate, and applicable endorsements, evidencing renewal of such policy not less than 15 calendar days prior to the expiration date of the expiring policy.

6. Should any of the required policies provide that the defense costs are paid within the Limits of Liability, thereby reducing the available limits by any defense costs, then the requirement for the Limits of Liability of these policies will be twice the above stated limits.

7. The fact that insurance is obtained by the Consultant shall not be deemed to release or diminish the liability of the Consultant, including, without limitation, liability under the indemnity provisions of this Agreement. The policy limits do not act as a limitation upon the amount of indemnification to be provided by the Consultant. Approval or purchase of any insurance contracts or policies shall in no way relieve from liability nor limit the liability of the Consultant, its principals, officers, agents, employees, persons under the supervision of the Consultant, vendors, suppliers, invitees, consultants, sub-consultants, subcontractors, or anyone employed directly or indirectly by any of them.

CLAIMS-MADE POLICIES

If the Professional Liability (Errors and Omissions) insurance policy is written on a claims-made form:

1. The retroactive date must be shown, and must be before the effective date of the Agreement or the commencement of work by the Consultant.

2. Insurance must be maintained and evidence of insurance must be provided for at least five (5) years after completion of the Agreement work or termination of the Agreement, whichever occurs first, or, in the alternative, the policy shall be endorsed to provide not less than a five-year discovery period.

3. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a retroactive date prior to the effective date of the Agreement or the commencement of work by the Consultant, the Consultant must purchase "extended reporting" coverage for a minimum of five (5) years completion of the Agreement work or termination of the Agreement, whichever occurs first.

4. A copy of the claims reporting requirements must be submitted to the City for review.

5. These requirements shall survive expiration or termination of the Agreement.

VERIFICATION OF COVERAGE

the Consultant shall furnish City with all certificate(s) and applicable endorsements effecting coverage required hereunder. All certificates and applicable endorsements are

to be received and approved by the City's Risk Manager or designee prior to City's execution of the Agreement and before work commences. All non-ISO endorsements amending policy coverage shall be executed by a licensed and authorized agent or broker. Upon request of City, the Consultant shall immediately furnish City with a complete copy of any insurance policy required under this Agreement, including all endorsements, with said copy certified by the underwriter to be a true and correct copy of the original policy. This requirement shall survive expiration or termination of this Agreement.

SUBCONTRACTORS

If the Consultant subcontracts any or all of the services to be performed under this Agreement, the Consultant shall require, at the discretion of the City Risk Manager or designee, subcontractor(s) to enter into a separate side agreement with the City to provide required indemnification and insurance protection. Any required side agreement(s) and associated insurance documents for the subcontractor must be reviewed and preapproved by City Risk Manager or designee. If no side agreement is required, the Consultant shall require and verify that subcontractors maintain insurance meeting all the requirements stated herein and the Consultant shall ensure that City, its officers, officials, employees, agents, and volunteers are additional insureds. The subcontractors' certificates and endorsements shall be on file with the Consultant, and City, prior to commencement of any work by the subcontractor.

EXHIBIT C
DISCLOSURE OF CONFLICT OF INTEREST
ON-CALL ENVIRONMENTAL SERVICES PURSUANT TO CEQA

		YES*	NO
1	Are you currently in litigation with the City of Fresno or any of its agents?	☐	☒
2	Do you represent any firm, organization, or person who is in litigation with the City of Fresno?	☐	☒
3	Do you currently represent or perform work for any clients who do business with the City of Fresno?	☐	☒
4	Are you or any of your principals, managers, or professionals, owners or investors in a business which does business with the City of Fresno, or in a business which is in litigation with the City of Fresno?	☐	☒
5	Are you or any of your principals, managers, or professionals, related by blood or marriage to any City of Fresno employee who has any significant role in the subject matter of this service?	☐	☒
6	Do you or any of your subcontractors have, or expect to have, any interest, direct or indirect, in any other contract in connection with this Project?	☐	☒
* If the answer to any question is yes, please explain in full below.			

Explanation: n/a

n/a

☐ Additional page(s) attached.

Signed by: _____
Shelby Howard
 77D901CCA4BD4F0...
 Signature _____
 10/2/2025
 Date _____
 Shelby Howard
 Name _____
 HELIX Environmental Planning, Inc.
 Company _____
 7578 El Cajon Blvd
 Address _____
 La Mesa, CA 91914
 City, State, Zip _____

EXHIBIT D

Service Agreement between City of Fresno and Helix Environmental Planning, Inc. ON-CALL CEQA SERVICES - STANDARDS OF PERFORMANCE

This exhibit outlines the general expectations for participation in the On-Call CEQA list for the Planning and Development Department.

City Direction and Consultation

All work performed will be done under the general direction of the City's Planning and Development Department, including Assistant Directors, Planning Managers, and other assigned staff. The Consultant shall not alter any project documents, including reports and environmental studies, without written approval from the City. Any necessary changes will be communicated through official channels (e.g., email).

Subcontractor Management

If subcontractors are required, City staff must be notified and approve in writing. The Developer is not authorized to contract directly with any subcontractors under this agreement. Furthermore, any subcontractors engaged by your firm must adhere to the confidentiality and ownership requirements outlined within this agreement.

Communication Protocol

The City retains final authority over the scope of work and environmental documentation, as advised by the City Attorney's Office. Consultants may communicate directly with the project sponsor as necessary strictly for the purpose of contract negotiation and management. Through the Department's CEQA coordinator, consultants may communicate with the project sponsor for the purpose of preparing the project description/draft Scope of Work and formulating mitigation measures and alternatives. Communication regarding project details or public presentations will include the CEQA coordinator.

Confidential Information and Ownership

All materials, documents, and data generated under this agreement are considered confidential and remain the property of the City. Consultants may not share these materials with third parties without prior written consent from the City. This includes all proprietary information, including materials and communications disclosed or submitted during the course of work. Consultants must provide all deliverables to the Department only, and only the Department can distribute copies of the work product to a project sponsor.

Standards of Performance

The City reserves the right to take appropriate action in cases of non-performance. Failure to meet the standards of performance may warrant your firm's removal from the On-Call list. Examples of non-performance include, but are not limited to:

1. Consistency and Accuracy of Project Descriptions- Documents must have a consistent project description across all sections, technical reports, and/or studies.
2. Determination of Appropriate Level of CEQA Documentation- City of Fresno planning staff shall determine the appropriate CEQA clearance document for all projects. This includes a determination of whether an action is discretionary/ subject to CEQA, review of project's applicability for exemption, and/or preparation of an Initial Study or EIR.
3. Substantive Errors and Incomplete Analysis- Documents containing substantive errors, incomprehensible, or conclusory analyses, or those below City standards are unacceptable.
4. Missing Technical Reports or Studies- Sections submitted without the required technical reports/studies will not be accepted.
5. Report Organization- The information within the environmental documents, including Environmental Impact Reports, shall be submitted in a logical and orderly manner. The information must be presented in a commonly accepted format that is readily understood by both the public and public agencies.
6. Failure to Address Staff Comments in Resubmissions- When resubmitting documents, consultants must respond fully to all staff and City Attorney Office comments.
7. Failure to Meet Agreed Timelines, Activities, or Deliverables- Exceeding or deviating from the agreed-upon activities, timelines, or deliverables outlined in the project's scope of work without prior approval is unacceptable.
8. Legal Defensibility of Environmental Documents- Environmental documents must be legally defensible, as determined by the City Attorney's Office. Failure to produce legally sound documents may result in removal from the on-call list.
9. Inadequate Analysis- Reports should not simply cut and paste content from technical reports without providing meaningful analysis, interpretation, and logical flow.
10. Failure to Coordinate with Relevant Agencies- Consultants must follow up with and coordinate with City staff and relevant public agencies when clarification is needed for environmental reviews.
11. Inadequate Consistency Analysis- A response to a consistency analysis must include comprehensive discussions, providing a clear rationale for why a project would or would not conflict with policies. Simply restating the project description is insufficient.

12. Insufficient Detail on Regulatory Compliance- Documents should not merely restate regulatory measures without adding meaningful clarification or details regarding regulatory compliance.
13. Objectivity in Consultant Prepared Materials- Consultants shall remain neutral and provide only objective, unbiased materials and services to the Department.
14. Failure to Follow State CEQA Guidelines- Failure to comply with State CEQA Guidelines and State CEQA clearinghouse requirements for the requested service will be considered a violation of performance standards.
15. Timely Communication- Consultants shall respond to requests from the City within ten (10) business days. Failure to respond within (10) business days may lead to removal from the On-Call list. Similarly, the City will respond to inquiries and provide reviews within ten (10) business days, unless otherwise communicated.

HELIX Environmental Planning, Inc.
1180 Iron Point Road, Suite 130
Folsom, CA 95630
916.435.1205 tel
619.462.0552 fax
www.helixepi.com



1. COVER LETTER

November 27, 2024

Nadia Salinas, Project Manager
City of Fresno, Planning and Development Department
2600 Fresno Street, 3rd Floor
Fresno, CA 93721

Subject: Statement of Qualifications for On-Call Environmental Services Pursuant to CEQA

Dear Ms. Salinas:

HELIX Environmental Planning, Inc. (HELIX) is pleased to respond to the City of Fresno's (City) Request for Qualifications (RFQ) to provide On-Call Environmental Services Pursuant to the California Environmental Quality Act (CEQA). As demonstrated in the following Statement of Qualifications (SOQ), HELIX has the expertise, depth of staff, and commitment necessary to provide excellent service to the City.

HELIX understands that through the RFQ process, the City will establish a list of qualified consultants to assist the Planning Division for a three-year period in the preparation of CEQA documents for private or public development projects, or the City's planning projects or initiatives. HELIX has developed an excellent reputation providing high quality as-needed environmental services to local government and public agency clients throughout California. This includes extensive experience providing on-call services to prepare the full range of environmental review documentation pursuant to CEQA as well as preparing supporting biological, cultural, air quality (AQ)/greenhouse gas (GHG)/energy analyses, and noise technical studies. Joining our team are TJKM Transportation Consultants (TJKM) for traffic analysis and Colibri Ecological Consulting, LLC (Colibri) for supplemental biological support. Our project team has worked in Fresno County, and we have the ability to quickly respond to City needs. HELIX maintains one remote-working biologist who lives in the City of Fresno, and TJKM and Colibri both have offices in Fresno. Colibri is a certified local firm.

We understand that individual task orders will be issued by the City requesting a project-specific scope of work and cost estimate. Upon task order issuance, our Project Manager, Erin Gustafson, will work with the City to review individual project(s) and identify the appropriate scope of work required to satisfy CEQA requirements. The scope of work and cost estimate prepared for each task order will consider the nature and size of the proposed project as well as likely resources that may be impacted by that project. Once under contract, the HELIX team is immediately available to commence work. Please contact our Project Manager, Erin Gustafson, at 916.435.1205 or ErinG@helixepi.com during the evaluation period with any questions about our qualifications. Thank you for considering HELIX, and we look forward to hearing from you.

Sincerely,

A handwritten signature in black ink that reads "Lesley Owning". The signature is fluid and cursive.

Lesley Owning
Principal Planner

Distribution: Statement of qualifications emailed to Nadia Salinas at Nadia.Salinas@fresno.gov

Bayside Newark TOD Specific Plan, Newark
HELIX has prepared numerous project-specific CEQA documents ranging from IS/Addenda to a Supplemental EIR for residential and mixed-use development projects within the 205-acre Bayside Newark TOD Specific Plan.



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Appendix A - Resumes

2. FIRM/TEAM OVERVIEW

2.A FIRM OVERVIEW

HELIX is an employee-owned California corporation with offices in Sacramento, Placer, Riverside, Los Angeles, Orange, and San Diego counties. Established in 1991, we have extensive experience helping public and private clients comply with environmental laws and regulations, manage natural and cultural resources, and design and construct sustainable projects. With 33 years of experience providing environmental planning services throughout California, HELIX has developed a proven approach to environmental compliance that produces legally defensible documents in an efficient, cost-effective manner.

In-house services provided by HELIX include CEQA and National Environmental Policy Act (NEPA) compliance; biological and aquatic resource studies; arboriculture; acoustical/noise studies; AQ/GHG and energy analyses; cultural resources investigations; historic resource evaluations; visual resource assessments; land use and planning; public involvement; agricultural resources; community impact studies; regulatory permitting; mitigation monitoring and compliance; landscape architecture; geographic information systems (GIS); and native habitat restoration design, construction, and maintenance.

From large-scale commercial, mixed-used, and residential projects to research and development and industrial land use projects, HELIX is often involved with the development of a site from its conception through project construction. We understand the environmental impacts associated with land development and have also developed a portfolio of mitigation measures to reduce these environmental impacts, including roadway modifications to accommodate traffic, utilizing site design and noise barriers to reduce stationary-source noise impacts on nearby noise sensitive uses, and incorporating building design and habitat restoration techniques to reduce land use compatibility impacts. Creative problem-solving, a high level of commitment to clients, and high-quality service and products are the hallmark of our success.

2.B QUALIFICATIONS AND EXPERIENCE

2.B.1 CEQA/NEPA Documentation

HELIX's core service is the provision of CEQA and related environmental compliance documents for public agencies. We have completed environmental documents for residential, mixed-use, commercial, industrial, and transit-oriented development projects. We have also worked on general, community, and specific plans as well as documents for educational, medical, and institutional projects. In addition, we have supported a variety of public infrastructure projects from pipelines and water treatment plants to fire stations, parks, roads, bridges, and highways.

We proactively assist agencies in determining the appropriate environmental documentation and review process for proposed projects. We prepare documentation for every level of CEQA environmental review and required notices including Environmental Impact Reports (EIR), Initial Studies (IS), Categorical Exemptions (CEQA CE), Addenda, Notices of Preparation (NOP), Notices of Intent (NOI) to Adopt Mitigated Negative Declarations (MND), Notices of Completions (NOCs), State Clearinghouse Summary Forms, Findings of Fact and Statements of Overriding Considerations, and Notices of Determination (NOD). HELIX is also experienced with evaluating projects pursuant to Section 15183 of the State CEQA

Guidelines regarding project consistency with a community plan or zoning. As mentioned above, HELIX has extensive experience processing Categorical Exemptions for CEQA exempt projects which includes, but is not limited to, the exemptions pursuant to Section 15301, Existing Facilities, and Section 15332, In-Fill Development Projects. HELIX implements all aspects of the environmental process and understands the importance of assuring that regulatory procedures are rigorously followed in order to avoid delays and cost overruns.

Our experience with environmental processing also includes assembling and organizing the administrative record, preparing staff reports, preparing and distributing public notices, organizing and facilitating public scoping meetings and other public involvement programs, responding to public and agency comments, supporting lead agency staff at public hearings, and preparing and implementing Mitigation Monitoring and Reporting Programs (MMRP). HELIX also frequently provides peer review services to lead agencies seeking an independent review of technical studies and/or CEQA documents provided by project applicants.

2.B.2 Technical Environmental Studies

HELIX has in-house technical experience in each of the following service areas relevant to CEQA documentation under this contract.

Biological and Aquatic Resources. HELIX's skilled biologists, botanists, arborists, and wetland scientists have the range of expertise needed to assess biological resources found within the City. HELIX conducts biological resource assessment surveys, vegetation community mapping, and other biological analyses to identify the likelihood of occurrence of special-status species or habitats, make recommendations for further studies, and/or identify mitigation measures or permits that may be required. HELIX's biologists are accustomed to preparing reports summarizing biological resources based on the preliminary information assembled about biological resources in Fresno and on the data collected in the field. Our reports contain information about the project site and the limit of study, baseline information (e.g., soils, California Natural Diversity Database, etc.), potentially occurring special-status species, and the results of the field survey. The report identifies any additional required survey work (i.e., for species with seasonal survey requirements or other special survey requirements) and make findings of impacts and mitigation measures to biological resources (habitats and species) consistent with supporting CEQA analysis. We have staff which hold U.S. Fish and Wildlife Service (USFWS) Endangered Species Act Section 10(a)(1)(A) permits for California red-legged frog, California tiger salamander, and listed large branchiopods, as well as International Society of Arboriculture (ISA)-certified and Tree Risk Assessment Qualified (TRAQ) arborists.

HELIX has extensive experience in the delineation of aquatic resources according to the 1987 *U.S. Army Corps of Engineers Wetland Delineation Manual*, the *Arid West Supplement*, and applicable local, state or federal wetlands regulations. We also track evolving permit requirements, including the 2023 U.S. Supreme Court ruling on the Clean Water Act (*Sackett v. Environmental Protection Agency*). We customarily map wetlands and other waters of the U.S. and waters of the state and facilitate the verification of aquatic resources delineation maps, both preliminary jurisdictional determinations and approved jurisdictional determinations with the U.S. Army Corps of Engineers (USACE).

Cultural Resources, Architectural History, and Native American Consultation. HELIX offers a full range of cultural resource management services, including record searches, constraints-feasibility analyses, historical overviews, predictive modeling, field surveys, archaeological sampling and testing, significance and California Register of Historical Resources (CRHR)/National Register of Historic Places (NRHP) eligibility evaluations, archival studies, report preparation, construction monitoring, data recovery, and preservation planning, as well as Native American tribal consultation and coordination. HELIX

archaeologists and architectural historians have extensive experience with cultural resources evaluation under CEQA, NEPA, Sections 106 and 110 of National Historic Preservation Act (NHPA), and the Archaeological Resources Protection Act. We are highly knowledgeable and adept at managing Native American consultation requirements on behalf of CEQA lead agencies to ensure Assembly Bill (AB) 52 and Senate Bill (SB) 18 compliance.

Many of our staff are Registered Professional Archaeologists (RPAs) who meet the Secretary of the Interior's Professional Qualifications Standards for architectural history and prehistoric and historic archaeology.

Air Quality, Greenhouse Gas Emissions, and Energy Reports. HELIX prepares air quality impact analyses and health risk assessments, including dispersion modeling, that meet CEQA and NEPA requirements. Our staff is proficient with San Joaquin Valley Air Pollution Control District regulations and the conformity requirements of the Clean Air Act. HELIX has been preparing and conducting GHG emissions and energy analyses with respect to requirements for global climate change and the accounting of GHG emissions and energy usage.

Acoustics, Noise, and Vibration Studies. HELIX's acoustical specialists prepare technical studies that assist clients in complying with applicable local, state, and federal environmental regulations, including local noise ordinances, CEQA and NEPA, and state and federal Endangered Species Acts. These studies frequently focus on predicting transportation-related and construction noise impacts on sensitive uses and have included predicting operational noise. Monitoring services also are provided to ensure that specified noise level goals are maintained.

Land Use and Planning. HELIX's environmental staff includes experts in assessing potential land use compatibility issues related to land cultivation and development projects. HELIX has evaluated impacts with respect to local land use policies, land use compatibility, community character, growth, property takes/relocations, environmental justice, Section 4(f) resources and Section 6(f) lands, and agricultural and forestry resources. HELIX's land use planners are experienced with the assessment of farmland/agricultural resources as well, especially as they pertain to Williamson Act contract and farmlands of statewide importance. HELIX has experience in consulting and obtaining encroachment permits for required environmental surveys and testing on federal, state, and/or tribal lands.

2.C SUBCONSULTANTS

TJKM Transportation Consultants

TJKM, founded in 1974, is a traffic engineering, traffic operations, and transportation planning firm that provides professional services throughout California, Texas, and Florida. In their 50 years, TJKM has been involved in more than 10,000 transportation projects throughout California. They serve a full-range of clients, including municipalities, congestion management agencies, metropolitan planning organizations, transportation agencies, and private developers. TJKM is a Disadvantaged Business Enterprise (DBE) #40772 and Small Business Enterprise (SBE) #38780.

TJKM's primary service categories include traffic engineering design (including Plans, Specifications, and Estimates), transportation planning, traffic safety, traffic operations, corridor studies, Intelligent Transportation Systems (ITS), and multimodal studies. Their project managers, engineers, and planners have "hands on" experience and understand the latest requirements, technologies, trends, and standards. Their experience with local agency processes keeps projects moving faster; and know-how from thousands of engagements helps them complete projects on time and within budget.

TJKM has successfully completed several projects in Fresno and are familiar with the City's standards and procedures. They are a part of the City of Fresno Bicycle Facilities On-Call Engineering Services and On-Call Engineering Services for the City of Fresno Public Works Department, as well as 22 individual projects recently completed.

Colibri Ecological Consulting

Colibri provides a wide range of ecological consulting services to clients across California including environmental planning, environmental impact assessments, environmental permitting, biological surveys, and biological compliance monitoring. They help their clients comply with the Endangered Species Act and other environmental laws and regulations that protect plants, animals, habitats, and ecosystems. Colibri plans, oversees, manages, coordinates, and carries out biological resource investigations throughout California. Their scientists, located in Fresno and Clovis, are the experts on the flora and fauna of the San Joaquin Valley and its surrounding foothills. As an organization, Colibri is committed to providing scientific information and analysis, and developing strategic environmental compliance solutions for its clients. Colibri is a Women Business Enterprise and Minority Business Enterprise #16000165 certified by the California Public Utilities Commission; Small Business/Micro Business #1789487 certified by the California Department of General Services, and a Women-Owned Small Business and Economically Disadvantaged Women-Owned Small Business by the U.S. Small Business Administration.

3. REFERENCES

HELIX specializes in providing environmental services to public agencies on an individual project basis and through as-needed/on-call service contracts. We also have experience serving as an extension of staff, preparing staff reports, and making presentations to decision-making bodies. We welcome you to contact our references to attest to the nature and quality of our work and to view samples of our work products through the weblinks provided in Section 3.B, Relevant Projects.

3.A REFERENCES

David Randall, Senior Planner

Fresno County Department of Public Works & Planning, 559.600.4078, drandall@fresnocountyca.gov

Fresno County Renewable Energy Projects (2021 – Present)

Under contract to the County of Fresno, HELIX has been providing environmental compliance services during construction of solar development projects to ensure compliance with the project's MMRP identified in the project's CEQA document. Projects have included **Scarlet**, an approximately 4,000-acre project site for a 500-Mega Watt (MW) solar photovoltaic (PV) generation facility and an electrical substation constructed on agricultural land; **Tranquillity**, an approximately 3,700-acre PV solar energy generation facility and battery energy storage system (BESS); and **Fifth Standard**, a 1,600-acre solar generation facility. Services included pre-construction nesting bird surveys, worker environmental awareness program training to construction workers covering biological and cultural resources, and monitoring and compliance reporting during construction activities.

Team members: Erin Gustafson, Project Manager; Lesley Owing, Principal Planner/Senior Review; Julia Pano, Environmental Planner; David Bise, Principal Biologist; Patrick Martin, Biologist; Virgil Grecian, Environmental Compliance Program Specialist

Desmond Parrington, Planning Manager

City of Folsom Community Development Department, 916.461.6233, dparrington@folsom.ca.us

City of Folsom As-Needed Environmental Consulting Services (2015 – Present)

HELIX has provided environmental consulting services on public works, transportation, and private development projects for the City of Folsom on an as-needed basis since 2015. Following are select projects where similar CEQA services were provided.

- **Private Development Initial Study (IS)/Mitigated Negative Declarations (MND).** HELIX prepared IS/MND documentation and technical studies in support of over 20 private development projects for multi-family residential, senior living facilities, commercial/hotel, and mixed-use project types. Technical studies included cultural resources, consultation with tribal governments, biological resources, AQ/GHG emissions modeling, noise analysis, traffic impacts, and noise analysis. We also peer-reviewed technical studies to incorporate into the CEQA document. A sample of individual projects over the last three years include:
 - Broadstone Crossing Office and Medical Complex Section 15183 Consistency Checklist, 2024
 - Natoma Affordable Senior Apartments IS/MND, 2023
 - Creekside Apartments IS/MND, 2023
 - AC Hotel by Marriott IS/MND, 2022
 - Avenida Senior Living Facility IS/MND, 2020
- **Public Safety Facility and Joint Fire/Police Station (2022).** HELIX prepared a CEQA CE, air quality and greenhouse gas emissions assessment, and noise impact analysis for the proposed 30,000 square-foot joint fire and police station.
- **Benevento Neighborhood Park (2023 – Present).** Benevento Family Park is a 19-acre site with both active and passive recreational elements planned, including sand volleyball courts, open spaces and trails with interpretive signage, restrooms and picnic areas, and a recreational fishing pond. HELIX is preparing technical studies and CEQA IS/MND; technical studies include cultural resources assessment, biological resources inventory, arborist survey, aquatic resources delineation, air quality and greenhouse gas emissions modeling, and noise study. We are also assisting the City with tribal consultation per the requirements of AB 52 and the Tribal Cultural Resources section of CEQA.



Team members: Lesley Owning, Principal Planner/Senior Review; Erin Gustafson and Julia Pano, Environmental Planners; David Bise, Principal Biologist; Patrick Martin and Marisa Brilts, Biologists; Andy Pulcheon, Principal Cultural Resources Specialist, Ben Siegel, Cultural Resources Specialist; Martin Rolph, Air Quality/GHG Technical Specialist.

Art Interiano, Deputy Community Development Director

City of Newark Community Development Department, 510.578.4331, art.interiano@newark.org

- **On-Call Environmental Services. (2024 - 2027).** HELIX maintains an on-call contract with the City of Newark and has supported the City with the following projects:
 - Newpark Mall Road Starbucks Drive Thru Section 15332 CEQA CE
 - South Bay Connect EIR Peer Review
 - Thornton Affordable Housing Section 15332 CEQA CE
- **Bayside Newark Transit Oriented Development (TOD) Specific Plan.** HELIX has prepared numerous project-specific CEQA documents ranging from IS/Addenda to a Supplemental EIR (SEIR) for

residential and mixed-use development projects within the 205-acre Bayside Newark TOD Specific Plan. Following are select projects where similar CEQA services were provided.

- **FMC Willow and Grand Park IS/Addendum** for a 379-unit mixed use, multi-family development with a five-acre community park on a 22-acre site that was formerly used as a chemical plant. (2019 - 2022).
- **FMC Parcel C (now Harbor Pointe) Residential Project IS/Addendum** for a medium/high density residential development on an approximately 17-acre formerly industrial site. (2017 - 2019)
- **Compass Bay Residential Development IS/Addendum.** Project Manager for medium density residential development on approximately 10-acre formerly industrial project site for Trumark Homes with the City of Newark as the lead agency. (2018 - 2019)
- **Gateway Mixed-Use Development IS/Addendum** for a five-story, mixed-use commercial building with retail space, off-street parking, and five-story hotel for Villa Developers. (2016 - 2017)

Team members: Lesley Owing, Project Manager/Principal Planner; Erin Gustafson, Environmental Planner; Julia Pano, Environmental Planner; David Bise, Principal Biologist; Patrick Martin, Biologist; Martin Rolph, AQ/GHG Specialist.

3.B RELEVANT PROJECTS

City of Bishop Downtown Specific Plan & Mixed-Use Overlay Program EIR | HELIX

HELIX supported the City of Bishop with preparation of an EIR for the Bishop Downtown Specific Plan. The project would increase allowable residential and commercial density in the downtown core of this rural and underserved City located in the Eastern Sierra Nevada region. Alta Planning + Design and the City prepared the Specific Plan, including visual simulations, and led the public outreach campaign with support from HELIX. HELIX prepared several technical studies in support of the program-level EIR, including AQ/GHG/energy analysis, noise and vibration studies, biological resource evaluation, cultural resource assessment, and visual resource analysis. The project was approved and the program-level EIR was certified unanimously by City Council in December 2022.

2023 Excellence and Achievement in Planning - Comprehensive Planning Award of Excellence (Small Jurisdiction) by the American Planning Association, Central Section, California Chapter.

2023 Award of Excellence - Housing Department Category by the American Planning Association California Chapter.

Client Reference: Elaine Kabala, former Associate Planner at the City of Bishop, currently Executive Director at Eastern Sierra Council of Governments, 760.878.8800, ekabala@escog.ca.gov

Team members: Erin Gustafson, Lesley Owing, Julia Pano, and Martin Rolph

Link to work products: DEIR on CEQAnet: <https://files.ceqanet.opr.ca.gov/270034-2/attachment/2Gi6FskI28zUuzPY4s1qah2wGH37eDXVhmQ4Wz2pjoKQq4kcxNv2CqFLYS6I5us-l-U0bDo50GAz5Y9I0>

Downey Stewart and Gray Road Warehouse Project EIR | HELIX

HELIX prepared an EIR for the proposed demolition of five existing buildings and construction of a 535,685-square-foot industrial concrete tilt-up building for logistics and distribution purposes, and specifically as a fulfillment center and for cold storage, with 683 automobile parking spaces, 255 trailer parking spaces, and 109 dock loading doors on a 29-acre developed site in the City of Downey. A key consideration was potential historic buildings proposed for demolition, leading to a Historical Resources

Evaluation Report (HRER). Other technical studies performed include AQ, GHG emissions, health risk assessment, noise, and transportation. The EIR was circulated for public review, and HELIX prepared responses to public comments and the Final EIR. HELIX worked closely with City of Downey staff throughout the environmental review process and participated in bi-weekly applicant/city staff meetings.

Client Reference: Alfonso Hernandez, Senior Planner, City of Downey, 562.869.7331, ashernandez@downeyca.org

Team members: Erin Gustafson and Martin Rolph

Link to work products: DEIR on CEQAnet: https://files.ceqanet.opr.ca.gov/277525-2/attachment/PGdXYuTQo2Vj3cYmFucxXVCLqKW_vRTNdcs3LYotWLS4SWj8HCD01IE66vfXXiUp15fH_nDV-39SiewY0

South Kern and Old River Municipal Water Companies Consolidation IS/MND | HELIX

HELIX prepared the Administrative and Public Review Drafts of a CEQA Plus IS/MND for the proposed consolidation of South Kern Mutual Water Company (MWC) and Old River MWC into the City of Bakersfield Water System. South Kern MWC and Old River MWC provide water service to residential and commercial customers. Each MWC operates a single well which produces water that exceeds allowable levels of uranium. Due to the uranium contamination, the proposed project includes the abandonment of the two wells and the extension of the City of Bakersfield's water system to consolidate both MWCs into the City of Bakersfield's water system. To extend services, the project would connect to the City of Bakersfield water system through a 16-inch water main and construct 6,000 feet of new 10-inch water main, 1,600 feet of 8-inch lateral lines for connection to 29 households, and three fire hydrants. HELIX prepared CEQA-Plus documentation to meet compliance with the State Water Resources Control Board Drinking Water State Revolving Funds federal crosscutting requirements. HELIX prepared technical studies for biological resources, cultural resources, AQ, GHG emissions, energy, and a noise evaluation.

Client Reference: Kristina Budak, City of Bakersfield, 661.326.3715, kbudak@bakersfieldcity.us

Team members: Erin Gustafson, Lesley Owing, Julia Pano, David Bise, Andy Pulcheon, Ben Siegel, Martin Rolph

Link to work products: The IS/MND is anticipated to be distributed for public review in December 2024.

Southeast Specific Plan Transportation Impact Analysis | TJKM

TJKM provided an assessment of transportation impacts resulting from the proposed Southeast Development Specific Plan (SEDA), incorporating City of Fresno vehicle miles traveled (VMT) thresholds, and conducted an analysis of segment level of service (LOS) to evaluate the adequacy of the planned roadway network based on the City's adopted LOS standards. TJKM would revise the traffic impact assessment (TIA) and the Transportation Program EIR (PEIR) section in the Revised Administrative Draft PEIR to address the deficiencies identified in the General Plan PEIR, remove references to the General Plan PEIR in the TIA and Draft PEIR sections, as well as incorporate the errata identified for the previously prepared Draft PEIR and Partial Recirculated PEIR.

Client Reference: Phil Ault, FirstCarbon Solutions, 559.930.6191, pault@fcs-intl.com

Team members: Nayan Amin and Praveena Samaleti

Link to work products:

https://www.mediafire.com/file_xpxwzvrt3fmdqqm/SEDA_Specific_Plan_Traffic_Impact_Analysis.pdf/file

I-880 & Winton Avenue & A Street Interchange Improvements | TJKM

This project was located in Alameda County at the Interstate 880/Winton Avenue/A Street interchange in the City of Hayward (Post Miles 17.2/18.6). The proposed project was to upgrade Interstate 880/Winton Avenue and Interstate 880/A Street interchanges to relieve congestion, improve operations, enhance safety, and provide needed capacity for all modes of transportation. The proposed improvements at Interstate 880/Winton Avenue interchange, was to consider providing direct access to the Southland Mall and improving pedestrian and bicycle connectivity. The proposed improvements at Interstate 880/A Street interchange included widening of A Street from five-lanes to six-lanes and provide additional lane capacity for potential future freeway widening. The proposed improvements also involved modifying signals and reconfiguring intersections to improve truck turning maneuvers and provided pedestrian and bicycle connectivity to east and west. TJKM was responsible for developing the Traffic Operational Report for the Project Approval and environmental document. Key tasks included data collection, travel demand forecasting, and traffic operational analysis.

Client Reference: Gary Sidhu, Alameda County Transportation Commission, 510.208.7400, gsidhu@alamedactc.org

Team members: Nayan Amin and Sandeep Paparaju

Link to work products: [https://www.mediafire.com/file_premium/v8yirkywh8f2i8a/I-880 Winton Ave A Street Traffic Operations Analysis Report.pdf/file](https://www.mediafire.com/file_premium/v8yirkywh8f2i8a/I-880+Winton+Ave+A+Street+Traffic+Operations+Analysis+Report.pdf/file)

High-Speed Rail Merced Station Reexamination Study | TJKM

TJKM conducted a major analysis of the traffic impacts associated with the relocation of the approved Merced station location for the California High Speed Rail (HSR) project. The report was incorporated into the Environmental Reexamination Document. TJKM translated ridership forecasts into vehicular trip information including origins and destinations of all a.m. and p.m. trips, preparing intersection and segment level of service calculations including recommended improvements and conduct overviews of construction impact analysis and a description of how the Merced to Sacramento (MSR) Project will affect the City of Merced transportation network. It included a description of the current status of planning for the planned Altamont Corridor Express (ACE) and Amtrak facilities near Merced, both of which provide important connections to the Merced HSR station. The report also included a comprehensive analysis of how high-speed rail will affect VMT in California by translating low occupancy automobile trips onto high occupant and high speed electrically powered trains.

Client Reference: Steve Noack, Placeworks, 925.451.0726, snoack@placeworks.com

Team members: Nayan Amin and Sandeep Paparaju

Link to work products: The document is in draft format and is not ready for public review.

Kings Canyon-Argyle Tentative Parcel Map | Colibri

The proposed project will create a tentative parcel map for development on approximately eight acres. The project site is on the south side of the intersection of East Kings Canyon Road and South Argyle Avenue in the City of Fresno. To evaluate whether the project, which would involve subsequent development, may affect biological resources under CEQA purview, Colibri obtained lists of special-status species from the USFWS, CDFW, and the California Native Plant Society; reviewed other relevant background information such as aerial imagery and topographic maps; and conducted a field reconnaissance survey at the project site. The resulting biological resource evaluation summarized existing biological conditions, the potential for special-status species and regulated habitats to occur, the

potential impacts of the proposed project on biological resources and regulated habitats, and measures to reduce those potential impacts to less-than-significant levels under CEQA.

Client Reference: Emily Bowen, Crawford & Bowen Planning, Inc., 559.840.4414, emily@candbplanning.com

Team members: Ryan Slezak and Jeff Davis

Link to work products: https://www.mediafire.com/file_premium/thzx3wntz07l4we/Kings_Canyon-Argyle_TPM.pdf/file

Fresno Metropolitan Flood Control District on On-Call Environmental Planning and Regulatory Compliance | Colibri

The Fresno Metropolitan Flood Control District is a special purpose public agency, governed by a seven-member Board of Directors serving portions of Fresno County, the City of Fresno, and the City of Clovis. The District provides urban drainage, flood control, stormwater quality groundwater replenishment, and recreation services to the community. The project involves assisting the District with CEQA compliance, state and federal permit compliance, and site assessment services. Since 2012, Colibri has provided the District with a range of services including conducting pre-activity clearance surveys for special-status species and nesting birds ahead of maintenance activities to comply with conditions in the District's Master Streambed Alteration Agreement, monitoring post-project restoration progress to comply with conditions in a Clean Water Act permit, performing protocol surveys for the state listed as threatened Swainson's hawk to satisfy a mitigation measure, and preparing biological resource evaluations to support CEQA documents for new projects.

Client Reference: Joseph Draper, 559.456.3292, josephd@fresnofloodcontrol.org

Team members: Ryan Slezak and Jeff Davis

Link to work products: https://www.mediafire.com/file_premium/dk580ahpmsu2ac9/Fresno_Metropolitan_Flood_Control_District.pdf/file

Bella Vita Mixed Use Project | Colibri

The proposed project will create a mixed-use commercial and residential development on approximately 24 acres located on the southwest side of North Veterans Boulevard and West Herndon Avenue in the City of Fresno. To evaluate whether the project, which would involve subsequent development, may affect biological resources under CEQA purview, Colibri obtained lists of special-status species from the USFWS, CDFW, and the California Native Plant Society; reviewed other relevant background information such as aerial imagery and topographic maps; and conducted a field reconnaissance survey at the project site. The resulting biological resource evaluation summarized existing biological conditions on the project site, the potential for special-status species and regulated habitats to occur on or near the project site, the potential impacts of the proposed project on biological resources and regulated habitats, and measures to reduce those potential impacts to less-than-significant levels under CEQA.

Client Reference: David Duda, 4Creeks, Inc., 559.802.3052, david.duda@4-creeks.com

Team members: Ryan Slezak and Jeff Davis

Link to work products: https://www.mediafire.com/file_premium/rokq7j6bcxs30c8/Bella_Vita_Mixed-Use_Project.pdf/file

4. WORK SAMPLES

Links to work samples of related CEQA studies and analysis that HELIX has authored are compiled in the table below.

Project Name and Lead Agency
Link to document on CEQAnet

AC Hotel by Marriott IS/MND, City of Folsom

<https://files.ceqanet.opr.ca.gov/278014-1/attachment/HZgxsK2jgqtQnVctWtugQTfEJxLHn2m6ovZTB36BeL2pynWnSas3QSFLpwMh8KFo79t7IOs5d34udw220>

Creekside Apartments IS/MND, City of Folsom

<https://files.ceqanet.opr.ca.gov/291443-1/attachment/22dcJbo3BRdx6AsqywNizfs6AoKFZTHXArOkXFy9AsIFcHFvVHSTqAHR1w4Z14P0-OMwlKfosXTIMmw0>

Harney Lane Bridge No 29C-341 Scour Mitigation Across Paddy Creek IS/MND, San Joaquin County

https://files.ceqanet.opr.ca.gov/298692-1/attachment/FrBOtXn6Efwi_ZLZFb4yBwe8Joa81uR-de9HGPf2D90Mo9dZx6qzY7zALMtRw-2-cHU507nJEEDLOECK0

Downtown Bishop Specific Plan and Mixed-Use Overlay EIR, City of Bishop

<https://files.ceqanet.opr.ca.gov/270034-2/attachment/2Gi6FskI28zUuzPY4s1gah2wGH37eDXVhmQ4Wz2pjoKQq4kcxNv2CgFLYS6I5us-l-U0bDo50GAz5Y9I0>

Prologis Stewart and Gray Road Warehouse EIR, City of Downey

https://files.ceqanet.opr.ca.gov/277525-2/attachment/PGdXYuTQo2Vj3cYmFucxXVCLqKW_vRTNdcS3LYotWLS4SWj8HCD01IE66vfXXiUp15fH_nDV-39SiewY0

5. RESUMES

5.A ORGANIZATION CHART

The organizational chart below identifies team members and their respective disciplines with key personnel who will serve as the lead within each discipline denoted with an asterisk. As illustrated, HELIX has sufficient staffing and expertise to provide the full range of CEQA documentation and analysis, including projects with short notice. We assure the City that key personnel identified will be the lead for their respective discipline, with additional staff available to support them. The City is assured of direct senior staff involvement on every project, bringing the greatest possible creativity and innovation with respect to compliance strategies, as well as careful project management to meet ambitious schedules, control costs, and produce the high-quality work products.



5.B KEY STAFF QUALIFICATIONS AND EXPERIENCE

As demonstrated in the staff summaries below, we have carefully selected our key personnel, based upon relevant qualifications and experience, in anticipation of the types of environmental compliance documents or technical studies that may be needed to support the projects proposed and services requested by the City. Full length resumes with relevant experience are included as Appendix A.

Erin Gustafson, AICP | Project Manager & Lead Environmental Planner

Ms. Gustafson has 11 years of environmental planning experience assisting clients in successful completion of the environmental review process. She is skilled in preparing IS/MNDs and EIRs under CEQA and Environmental Assessments (EAs) and Environmental Impact Studies (EISs) under NEPA. She has assisted clients with managing responses to public comments and preparing administrative records for complex and high-profile projects throughout the state of California. Through experience working on residential and commercial, renewable energy, water, and transportation projects, Ms. Gustafson has coordinated multidisciplinary teams, worked closely with staff from public agencies, and integrated input from a variety of stakeholders to successfully complete the environmental review process.

KEY PROJECTS

- Fresno Solar Energy Generation Facilities and BESS, Fresno County
- City of Arvin Wastewater Treatment Facility Land Application Areas CEQA CE
- South Kern and Old River Municipal Water Companies Consolidation IS/MND, City of Bakersfield
- Stewart and Gray Road Warehouse Project EIR, City of Downey

CERTIFICATIONS

- American Institute of Certified Planners, Certification No. 31817

EDUCATION

- B.A., Urban Studies and Planning, Minors: Economics and Environmental Studies, University of California, San Diego, 2013



Lesley Owing | Principal-in-Charge

Ms. Owing is a Principal Planner with 12 years of experience in the provision of CEQA and NEPA documentation for a variety of project types including residential, commercial, and mixed-use land development; infrastructure improvement; transportation; parks and recreation; renewable energy; and restoration. Ms. Owing develops CEQA review and strategy plans early in the project planning phase and prepares project site constraints analyses. She has managed many controversial projects by maintaining thorough administrative records for projects that are anticipated to face legal challenges, leading response to comments for projects that have generated hundreds of public comments, and providing public agency support through project appeal hearings. Ms. Owing stays abreast of recent CEQA case law and changes to the State CEQA Guidelines and requirements through on-going education and participation in professional environmental planning groups and conferences.

KEY PROJECTS

- Fresno Solar Energy Generation Facilities and BESS, Fresno County
- South Kern and Old River Municipal Water Companies Consolidation IS/MND, City of Bakersfield
- City of Arvin Wastewater Treatment Facility Land Application Areas CEQA CE
- UC Merced Classroom and Office Building III CEQA Addendum
- City of Bishop Downtown Specific Plan & Mixed-Use Overlay Program EIR

EDUCATION

- B.S., Environmental Economics & Policy; Minor-City/Regional Planning, University of California, Berkeley, 2013



Julia Pano | Environmental Planner

Ms. Pano is an Environmental Planner with experience preparing CEQA compliance documents, including EIRs, IS/MNDs, Categorical Exemptions, and Addenda for a variety of project types including residential and commercial land development; infrastructure improvement; renewable energy; and groundwater recharge. She also has experience preparing NEPA compliance documents for restoration, development, fuel break, and broadband projects with various federal lead agencies. She provides extension of staff services to multiple counties throughout Northern California by conducting permit and project application intake reviews for completeness. She conducts research, prepares impact analyses for various environmental resource issue areas, performs site reconnaissance surveys, and peer reviews technical reports prepared by technical specialists in support of CEQA documents. Ms. Pano also supports tasks related to environmental compliance and reporting to various public agencies.

KEY PROJECTS

- Fresno Solar Energy Generation Facilities and BESS, Fresno County
- City of Modesto Municipal Groundwater Supply Contamination Prevention and Cleanup Project IS/MND
- South Kern and Old River Municipal Water Companies Consolidation IS/MND, City of Bakersfield
- City of Bishop Downtown Specific Plan & Mixed-Use Overlay Program EIR
- UC Merced Classroom and Office Building III CEQA Addendum



EDUCATION

- B.S., Environmental Science and Management, University of California, Davis, 2021

David Bise | Principal Biologist

Mr. Bise is a HELIX Biology Group Manager and Principal Biologist specializing in environmental permitting, client and agency coordination, project management, environmental impact assessment, and regulatory and environmental compliance. He has 27 years of professional experience in the environmental sciences, including preparation of CEQA and NEPA documents; preparation of environmental permit applications (404/401, SAAs), Section 7 Biological Assessments, State Incidental Take Permit Applications, and land management plans; conducting special-status species surveys; and habitat mitigation and monitoring.

KEY PROJECTS

- Fresno 7 Eleven, City of Fresno
- Merced Landfill Gas to Energy Pipeline Project, Merced County Regional Waste Management Authority
- UC Merced Classroom and Office Building III CEQA Addendum
- Grissom Property San Joaquin Kit Fox Assessment and Management Plan, City of Los Banos



EDUCATION

- M.S., Wildlife Management, University of California, Berkeley, 1998
- B.S., Zoology, University of California, Davis, 1992
- MBA, University of California, Davis, 2014

Andy Pulcheon, RPA, AICP | Principal Cultural Resources Specialist

Mr. Pulcheon has over 30 years of research, field, laboratory, and project management experience. He has a breadth of skills and knowledge from both public and private sector projects across central and northern California including Native American consultation; field, archival, and laboratory research; Section 106 and CEQA historical resource evaluations; NEPA analysis; CEQA document preparation; development of treatment and management plans; and museum curation and collections management. Mr. Pulcheon also has over 20 years of experience in cultural resources impact assessment and mitigation development, including the preparation of Initial Study and EIR sections in his role as a Certified Planner. He has documented or evaluated prehistoric and historical archaeological sites, historic districts, archaeological districts, ranches, transportation features, educational institutions, and government buildings to meet regulatory requirements.

KEY PROJECTS

- South Kern and Old River Municipal Water Companies Consolidation IS/MND, City of Bakersfield
- East Line Street Bridge Replacement, City of Bishop
- Tesoro Viejo Wetlands Preserve Cultural Resources Monitoring, City of Madera

REGISTRATIONS & CERTIFICATIONS

- Registered Professional Archaeologist No. 11693
- American Institute of Certified Planners, Certification No. 21490
- Certified Environmental Professional No. 12040825

EDUCATION

- M.A., Cultural Resources Management, Sonoma State University, 2000
- B.A., Anthropology, minor in Geography, Humboldt State University, 1994



Nayan Amin, TE | Principal-in-Charge | TJKM

Mr. Amin has 34 years of both public and private sector experience in the areas of transportation planning, traffic impact studies, transportation management plans, construction scheduling, construction area signs, signing and striping, traffic signal coordination, traffic operations, transit priority, traffic signal systems, freeway and arterial management studies, and intelligent transportation systems planning, design and construction oversight. He specializes in macro and microscopic model development and application for analysis of impacts across all modes of transportation. His projects include planning, design, and providing construction oversight on projects to enhance operations and safety for all modes of transportation. Studies also include multimodal operations, light-rail, bus rapid transit, pedestrian, bicyclists and traffic safety and operations.

KEY PROJECTS

- Citywide Active Transportation Plan, City of Fresno
- Barstow Avenue & Palm Avenue Traffic Signal, City of Fresno
- Bicycle Facilities On-Call Engineering Services Task Orders, City of Fresno
- Midtown Fresno School Area Multimodal Interconnectivity, City of Fresno
- High Speed Rail Transportation Section for Fresno to Palmdale Segment

EDUCATION

- M.S., Civil Engineering, San Jose State University, San Jose
- B.S., Civil Engineering, Saurashtra University, Rajkot, Gujarat, India



Jeff Davis | Principal Scientist | Colibri

Mr. Davis is an ecologist with more than 35 years of professional experience who specializes in the identification, ecological requirements, and regulatory protection of the flora and fauna of California. As a Principal Scientist, Mr. Davis provides technical oversight of scientists at Colibri and assures the scientific accuracy and adequacy of all work. He oversees, manages, and carries out projects involving special-status species surveys, Endangered Species Act Incidental Take Permit compliance, Habitat Conservation Plan implementation, constraints analyses, SAAs, Clean Water Act Section 404 permits and 401 certifications, and environmental impact assessments. He holds detailed knowledge of California flora and fauna, CEQA, NEPA, federal and state Endangered Species Act regulations, and the California Fish and Game Code. Mr. Davis is a Level II blunt-nosed leopard lizard surveyor and is approved by the U.S. Forest Service to conduct surveys and monitoring for projects that could impact Yosemite toad and fisher.

KEY PROJECTS

- Kings Canyon-Argyle Tentative Parcel Map, City of Fresno
- Fresno Metropolitan Flood Control District On-Call Environmental Planning and Regulatory Compliance
- Shrink Road Widening and Mill Creek Modification, City of Visalia
- California High Speed Rail, Fresno to Bakersfield Segment

EDUCATION

- Grad. Cert., Natural History Collections Management, Univ. of Victoria, 1998
- B.S., Wildlife Biology and Botany, UC Davis, 1992
- A.S., Biology, Fresno City College, 1987



6. SUMMARY OF QUALIFICATIONS

HELIX maintains an excellent reputation for providing on-call environmental services to local government and public agency clients throughout California. Over the last 33 years, HELIX has managed approximately 350 on-call/as-needed environmental services contracts with a variety of public agency clients, which includes many repeat contracts where clients have awarded consecutive contracts to HELIX. This record demonstrates our technical expertise and ability to work cooperatively and build positive and productive relationships with our clients.

We have found that through our on-call contracts, a close rapport between our client and the HELIX team is established, resulting in increased project efficiency and expedited project implementation, based on familiarity with client objectives, planning documents, administrative practices, site resources, and other standards and policies. This familiarity allows for effective client support, efficient problem solving by the HELIX team, and rapid response and quick turnaround time.

The table on the following page presents a representative sample, in alphabetical order by client name, of our experience providing on-call/as-needed environmental consultant services in northern and central California. As a result of our work on these types of contracts, HELIX has developed an excellent reputation for completing task orders on time and within budget.

Client Name	On-Call Period	Service Types
City of Bishop	2024-2029	CEQA and technical studies
City of Folsom	2015-Present	CEQA, NEPA, and technical studies
County of Contra Costa, Public Works Department	2018-2026	CEQA, NEPA, and technical studies
County of Inyo Planning Department	2013-Ongoing	CEQA, NEPA, and technical studies
County of Madera	2024-2025	Environmental planning
City of Newark	2024-2027	CEQA and technical studies
County of San Joaquin, Department of Public Works	2020-2024	CEQA, NEPA, and technical studies
County of Tuolumne	2023-2026	Botanical surveys
County of Tuolumne LAFCO	2024-2025	CEQA
County of Tuolumne, Planning Department	2024-2026	CEQA, NEPA, and technical studies
Merced County Regional Waste Management Authority	2022-2025	CEQA and technical studies
Town of Mammoth Lakes	2024-2029	CEQA and technical studies
UC Merced	2024-2026	CEQA and technical studies

7. RATE SHEET

Presented in the table below are hourly rates for the proposed team.

Labor Category	Hourly Rate	Labor Category	Hourly Rate
HELIX		HELIX (cont)	
Principal	\$300-325	Noise/Air Quality Specialist	\$135-170
Principal Planner	\$250-310	Senior Archaeologist/ Architectural Historian	\$125-170
Principal Biologist/Regulatory Specialist	\$235-310	Senior Archaeology Field Director	\$135-145
Principal Noise/Air Quality Specialist	\$220-235	Archaeology Field Director	\$125-135
Principal Landscape Architect	\$220-250	Asst. Archaeology Field Director	\$95-120
Principal Cultural Resources Specialist	\$220-250	Staff Archaeologist/ Architectural Historian	\$90-135
Safety Manager	\$215	Landscape Architect	\$140-190
Senior Noise/Air Quality Specialist	\$175-230	Landscape Designer	\$110-140
Senior Project Manager	\$185-230	Senior GIS Specialist	\$160-190
Senior Environmental Planner	\$160-210	GIS Specialist/Graphics	\$115-150
Senior Scientist/Regulatory Specialist	\$165-205	Technical Editor	\$115-125
Project Manager	\$145-185	Operations Manager	\$100-140
Assistant Project Manager	\$100-145	Word Processor	\$90-100
Regulatory Specialist	\$130-150	Clerical	\$75-85
Environmental Compliance Specialist	\$195		
Environmental Planner	\$110-145		
Biologist	\$120-165		

TJKM		Colibri	
Principal	\$265	Principal Scientist	\$215
Director	\$245	Senior Technical Specialist	\$170
Senior Project Manager	\$210	Senior Scientist	\$145
Project Manager	\$200	Staff Scientist	\$122
Senior Transportation Engineer	\$185	Field Scientist	\$110
Transportation Engineer	\$145		
Assistant Transportation Engineer	\$135		
Senior Transportation Planner	\$185		
Transportation Planner	\$145		
Assistant Transportation Planner	\$135		
GIS Specialist	\$110		
Graphics Designer	\$110		
Designer	\$105		
Technical Staff II	\$95		
Administration Staff	\$90		
Production Staff	\$65		

DIRECT COSTS

Budgets will include certain identifiable direct costs in task order budgets at cost plus ten percent. Examples of direct costs include subconsultants, vehicle or equipment rentals, parking, per diem and lodging, mileage (at IRS rates), document reproduction, aerial photographs, noise monitors, GPS, and other field equipment.

8. OTHER INFORMATION

On-call contracts have the potential to present a wide array of project types with unique conditions that require an experienced team to address potential issues that may arise. HELIX understands that the City of Fresno is the fifth largest city in California, and while it is moderately built-out, there is also room for expansion. Future City projects requiring CEQA evaluation are anticipated to be in-fill, redevelopment, and infrastructure improvement projects as well as new development projects. Air quality, greenhouse gas emissions, noise, and vibration impacts are key considerations for in-fill, redevelopment, and infrastructure improvement projects in urbanized areas. HELIX's proposed Project Manager for this on-call contract, Erin Gustafson, has managed the preparation of environmental documentation for a comprehensive range of project types with an emphasis on land development and redevelopment for residential, commercial, and mixed-use project types. Ms. Gustafson will bring this unique expertise to bear for this on-call contract and direct HELIX's experienced technical staff in completion of tasks.

While environmental review is required through clearly defined local, state, and federal regulations, the approach to meeting these regulations is unique to the individual project and the characteristics of on-site resources. HELIX will perform the necessary due diligence to advise the City regarding the correct level of analysis and documentation for legal adequacy. Task order scopes of work will be prepared taking into account the nature of the proposed project, likely resources, and types of impacts that may be associated with the particular project. Development of the scope of work will identify other responsible agencies (if any) and potential streamlining opportunities, such as review for applicable Categorical Exemptions and opportunities to tier environmental review from previously certified documents.

HELIX's project management approach is designed to complete the environmental process in an expeditious manner while simultaneously ensuring that CEQA documents and technical studies prepared for the project meet the appropriate standards. This would include conformance to CEQA guidelines, as well as requirements from any other state or federal agency with jurisdiction or discretionary approval over the project. Additionally, we respect that the document we are preparing must reflect the independent judgment of the City. The format for CEQA documents shall be prepared consistent with the lead agency and comply with the City's document templates, including the City's Environmental Assessment Form.

After the City determines that a proposed activity is a "project" subject to CEQA, HELIX will coordinate with the City to determine if a CE is appropriate to fulfill the requirements of CEQA. If it is determined that the project would qualify for a CE, then HELIX will work with City staff to identify the applicable exemption "class" for the activity and prepare a Notice of Exemption (NOE) in the City's preferred format. The NOE would be filed with the Fresno County Clerk's office, as well as the State Clearinghouse.

If it appears that a project would have potentially significant impacts that could be mitigated to a less-than-significant level, then HELIX will prepare an IS to evaluate the environmental impacts of a project in detail subject to City approval. Each IS Checklist (CEQA Guidelines Appendix G or the City's preferred format) resource section includes a discussion of the existing conditions, impact analysis, and required mitigation measures (if warranted). Following completion of the IS and necessary technical studies, a determination is made whether the project has less than significant impacts, less-than-significant impacts with mitigation incorporated, or potentially significant impacts which would require the preparation of an EIR. If mitigation measures are incorporated into the IS, then an MND will be prepared for public circulation. HELIX will prepare an administrative draft, public review draft, and final IS/MND, Notice of Intent to Adopt an MND, Notice of Completion, Summary Forms, Response to Public Comments, and an MMRP.

As noted above, if the analysis in the IS determines the project would result in potentially significant impacts to the environment, then an EIR will be prepared. To streamline the EIR preparation process, HELIX would use the analysis prepared in the IS to "focus" the EIR to analyze only the resource sections that would have potentially significant impacts to the environment. Following the determination that an EIR will be prepared for the project, HELIX will prepare a NOP for distribution by the City to each responsible agency and to each trustee agency responsible for natural resources affected by the project, as well as interested members of the public. A scoping meeting may also be held at the discretion of the City. HELIX will prepare an Administrative Draft EIR, and resource-specific technical specialists will analyze project-related impacts and identify feasible mitigation measures to reduce impacts to the extent possible. Upon receipt of comments from the City, the Public Review Draft EIR will be prepared for release of a 45-day review period. HELIX will assist in preparing the Notice of Completion and Notice of Availability, in addition to the Public Review Draft EIR. Responses to comments on the Public Review Draft EIR will be prepared and upon completion of the Final EIR the City will schedule the project for City Council's consideration. Within five days of project approval, an NOD will be filed with the Fresno County Clerk and State Clearinghouse. The filing and posting of the NOD initiates a 30-day statute of limitations on court challenges to the project approval under CEQA. HELIX will assist the City in the preparation of Findings of Fact and a Statement of Overriding Considerations for any significant impacts on the environment found to be unavoidable under Section 15091 of the CEQA Guidelines, if necessary.

9. LEGAL DOCUMENTS

Please find required forms on the following pages:

- Statement of Acceptance of the Indemnification and Insurance Requirements
- Local Preference Certification

**STATEMENT OF ACCEPTANCE OF THE INDEMNIFICATION
AND INSURANCE REQUIREMENTS**

**REQUEST FOR QUALIFICATIONS FOR ON-CALL ENVIRONMENTAL REVIEW
SERVICES PURSUANT TO CEQA**

BID FILE NO. 12501022

The Proposer shall sign below that the Proposer accepts in whole the Indemnification and Insurance Requirements set forth in these Specifications. If the Proposer takes exception to some portions, those portions shall be listed here below and the Proposer shall sign that the Proposer accepts all portions of the requirements not listed.

Note: Any exceptions may render the proposal non-responsive.

☒ **ACCEPT**
☐ **DO NOT ACCEPT**

If "DO NOT ACCEPT" is checked, please list exceptions:



Signature of Authorized Person

Lesley Owing

Type or Print Name of Authorized Person

Respondent's Name: Colibri Ecological Consulting, LLC
(Submit with Proposal, if applicable)

CERTIFICATION FOR LOCAL PREFERENCE

**Project Name: REQUEST FOR QUALIFICATIONS FOR ON-CALL
ENVIRONMENTAL REVIEW SERVICES PURSUANT TO CEQA**

BID FILE NO. 12501022

We certify that we qualify as a local business pursuant to Fresno Municipal Code Section 4-109(b)(1).

Primary Office ☒
Branch Office (NO PO Box) ☐
(mark as applicable)

Location of Business

Address: 9493 N Fort Washington Rd, Ste 108
Fresno, CA 93730

Phone: (559) 721-6810

The undersigned Respondent hereby declares under penalty of perjury under the laws of the State of California that the information contained on this CERTIFICATION FOR LOCAL PREFERENCE is correct and complete.

The above Statement is part of the Proposal. Signing this Proposal on the signature page thereof shall also constitute signature of this Certification.

Respondents are cautioned that making a false certification may subject the certifier to criminal prosecution.

APPENDIX A

Resumes

EDUCATION

Bachelor of Arts, Urban Studies and Planning, Minors: Economics and Environmental Studies, University of California, San Diego, 2013

CERTIFICATIONS

American Institute of Certified Planners, Certification No. 31817

PROFESSIONAL AFFILIATIONS

Association of Environmental Professionals

American Planning Association

ERIN GUSTAFSON, AICP**Project Manager/Lead Environmental Planner**

Ms. Gustafson has 11 years of environmental planning experience assisting clients in successful completion of the environmental review process. She is skilled in preparing Initial Studies/Mitigated Negative Declarations (IS/MNDs) and Environmental Impact Reports (EIRs) under the California Environmental Quality Act (CEQA), and Environmental Assessments (EAs) and Environmental Impact Studies (EISs) under the National Environmental Policy Act (NEPA). She has assisted clients with managing responses to public comments

and preparing administrative records for complex and high-profile projects throughout the state of California. Through experience working on residential and commercial, water, transportation, cannabis, renewable energy, and other land use development projects, Ms. Gustafson has coordinated multidisciplinary teams, worked closely with staff from public agencies, and integrated input from a variety of stakeholders in order to successfully complete the environmental review process.

Fifth Standard Solar Environmental Compliance (2022 - 2023). Project Manager for environmental compliance monitoring during construction of a 1,600 acre solar generation facility in Fresno County. Coordinated with on-site monitors, developers, and the County to ensure compliance with the project's mitigation monitoring and reporting plan (MMRP). Work performed for the County of Fresno.

Scarlet Solar Third Party Environmental Compliance (2022 - 2024). Project Manager for environmental compliance monitoring during construction of a 4,000 acre solar generation facility in Fresno County. Coordinated with on-site monitors, developers, and the County to ensure compliance with the project's mitigation monitoring and reporting plan (MMRP). Work performed for the County of Fresno.

City of Arvin Wastewater Treatment Facility Land Application Areas CEQA Categorical Exemption (2024). Project Manager for the preparation of a Categorical Exemption (CE) for the use of land application areas to broadcast water from a wastewater treatment facility. Prepared documentation to support the Notice of Exemption for the project. Work performed for City of Arvin.

South Kern and Old River Municipal Water Companies Consolidation IS/MND (2024). Project Manager for an IS/MND for the proposed consolidation of South Kern Mutual Water Company (MWC) and Old River MWC into the City of Bakersfield Water System. Coordinated with the client and technical staff to prepare technical reports and an IS/MND in compliance with Appendix G of the State CEQA guidelines. The project would abandon the two wells which currently serve the South Kern and MWC service areas and extend the City of Bakersfield's water system to the areas currently served by those wells, eventually consolidating those areas into the City's water service areas. Managed the preparation of CEQA-Plus documentation to meet compliance with the State Water Resources Control Board (Water Board) Drinking Water State Revolving Funds (DWSRF) federal crosscutting requirements, as well as the preparation of

technical studies for biological resources, cultural resources, air quality, greenhouse gas emissions, energy, and a noise evaluation. Work performed as a subconsultant for Carollo with the City of Bakersfield as the project owner and CEQA Lead Agency.

City of Bishop Downtown Specific Plan & Mixed-Use Overlay Program EIR (2021 - 2022). Assistant Project Manager for the preparation of an EIR for a Specific Plan and Mixed-Use Zoning Overlay in the City of Bishop. Developed project description and evaluated potential impacts under CEQA to a number of resource areas including population and housing, land use, aesthetics, and utilities. Work performed for Alta Planning + Design, Inc. with the City of Bishop as the project owner.

Downey Stewart and Gray Road Warehouse Project EIR (2022 - 2024). Assistant Project Manager for the preparation of an EIR evaluating potential impacts related to the development of a 535,685-sf tilt-up warehouse and logistics center in the City of Downey. The project includes demolition of existing industrial and commercial buildings onsite and the development of a warehouse and logistics center, including 508,900-sf of high-cube fulfillment, 26,785-sf of cold storage, and 20,000-sf of office space, with associated parking areas. Work performed for the City of Downey.

Scarlet Solar Reclamation Plan Third Addendum (2023). Project Manager for the preparation of a Decommissioning and Reclamation Plan for the eventual decommissioning of an approximately 3,800-acre solar power generation facility in Fresno County. Prepared a Reclamation Plan detailing the steps to be performed to return the site to its baseline conditions at the eventual and of the useful life of the solar generation facility. Work performed for EDP Renewables.

Sonrisa Solar Reclamation Plan (2023). Project Manager for the preparation of a Decommissioning and Reclamation Plan for the eventual decommissioning of an approximately 2,200-acre solar power generation facility and BESS in Fresno County. Prepared a Reclamation Plan detailing the steps to be performed to return the site to its baseline conditions at the eventual and of the useful life of the solar generation facility. Work performed for EDP Renewables.

Dinuba Battery Energy Storage System Environmental Consulting (2021). Prepared Critical Issues Analysis letter report evaluating current and potential environmental issues on a 75-acre site in Fresno County proposed for development into a battery energy storage system (BESS). Work performed for Recurrent Energy.

Tuolumne County Broadband Program EIR/EA (2023). Senior Environmental Planner for the preparation of an EIR for the installation of broadband infrastructure throughout Tuolumne County. Performed quality assurance review of EIR sections including Aesthetics, Air Quality, Geology and Soils, Greenhouse Gases, Hazards, Hydrology and Water Quality, Transportation, Utilities, and Wildfire. Work performed Tuolumne County.

Inyo County Vacant Lands Inventory EIR (2020 - 2022). Environmental Planner for the preparation of an EIR analyzing the rezoning of vacant lands to promote housing opportunities in Inyo County. Analyzed potential environmental impacts under CEQA for a number of resource areas including land use, population and housing, utilities and service systems and wrote associated sections of the EIR. Work performed for Inyo County.

As-Needed Professional Planning Project Processing and Review Services (2021 - 2022). Environmental Planner responsible for reviewing Administrative Development Permit application materials, completing the ordinance conformance checklist, and preparing application deficiency letters to route to the project applicant and other County departments. Work performed for the Nevada County Community Development Agency Planning Department.

EDUCATION

Bachelor of Science,
Environmental
Economics & Policy;
Minor-City and Regional
Planning, University of
California, Berkeley,
2013

Geographic Information
System Certified, San
Francisco State
University, 2015

**PROFESSIONAL
AFFILIATIONS**

Association of
Environmental
Professionals

LESLEY OWNING**Principal-in-Charge**

Ms. Owing is a Principal Planner with 12 years of experience in the provision of California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) documentation for a variety of project types including restoration; parks and recreation; transportation; infrastructure improvement; renewable energy; and residential, commercial, and mixed-use land development. Ms. Owing develops CEQA review and strategy plans early in the project planning phase and prepares project site constraints analyses. She has managed many

controversial projects by maintaining thorough administrative records for projects that are anticipated to face legal challenges, leading response to comments for projects that have generated hundreds of public comments, and providing public agency support through project appeal hearings. Ms. Owing stays abreast of recent CEQA case law and changes to the State CEQA Guidelines and requirements through on-going education and participation in professional environmental planning groups and conferences. She also manages numerous on-call contracts for cities and counties in Northern California and provides peer review support services.

Fresno County Solar Projects Environmental Compliance (2022 - 2023). Principal Planner and Senior QA/QC for environmental compliance monitoring during construction of the Fifth Standard, a 1,600-acre solar generation facility and Scarlet, a 4,000-acre solar generation facility. Responsible for reviewing bi-weekly monitoring forms prior to County submittal, reviewing invoices, and coordinating with County staff as-needed. Conducted the senior QA/QC of a pre-construction nesting bird survey and final compliance monitoring report. Work performed for the County of Fresno.

South Kern and Old River Municipal Water Companies Consolidation IS/MND (2024). Principal Planner for the senior technical review of a CEQA IS/MND for the consolidation of South Kern and Old River Mutual Water Companies (MWCs) into the City of Bakersfield Water System Project. Role included conducting senior technical review of the project description, administrative and public review drafts of the CEQA IS/MND as well as the supporting biological resources, cultural resources, air quality, greenhouse gas emissions, energy, and noise evaluations prepared in-house. Work is being performed for Carollo Engineers with the City of Bakersfield as the lead agency.

City of Arvin Wastewater Treatment Facility Land Application Areas CEQA Categorical Exemption (2024). Principal Planner for the senior technical review of a Categorical Exemption prepared for the City of Arvin Wastewater Treatment Facility (WWTF) Land Application Areas (LAAs) Project in the City of Arvin, Kern County. Role included identification of the appropriate CEQA documentation necessary for implementation of the proposed project and conducting senior technical review of the draft Categorical Exemption and supporting documentation prepared in-house. Work performed for Carollo Engineers with the City of Arvin as the lead agency.

UC Merced Classroom and Office Building 3 CEQA Addendum (2024). Project Manager for the preparation of a CEQA Addendum for a new classroom and office building on UC Merced campus. Work performed for UC Merced.

City of Bishop Downtown Specific Plan & Mixed-Use Overlay Program EIR (2021 - 2022). Senior Environmental Planner for the preparation of a Program EIR analyzing environmental impacts associated with the adoption of the Downtown Bishop Specific Plan and Mixed-Use Overlay. Responsible for the preparation of the project description, objectives, and alternatives as well as the visual impact, transportation, land use and planning, and population and housing analyses. Work performed for the City of Bishop as the CEQA lead agency.

Delta Water Treatment Plant Groundwater Recharge Basin (2024). Project Manager for preparation of an IS/MND and technical studies for the expansion of the Delta Water Treatment Plant's (DWTP) capacity and the construction of three groundwater recharge basins on 45 acres. The IS/MND is tiered from the Stockton Delta Water Supply Project Program EIR. Technical studies include air quality/greenhouse gas emissions analysis, biological resources assessment, aquatic resources delineation, cultural resources assessment, and noise and vibration analysis. Work performed as a subconsultant to Nexgen with the City of Stockton Municipal Utilities Department as the lead agency.

City of Modesto Municipal Groundwater Supply Contamination Prevention and Cleanup Project (2022 - 2023). Senior Environmental Planner for the preparation of a CEQA Compliance Review and Strategy Memorandum for the Modesto Municipal Groundwater Supply Contamination Prevention and Cleanup Project. Reviewed engineering documents and relevant plans including the City of Modesto Wastewater Master Plan Draft Environmental Impact Report (Draft) EIR and the General Plan Master EIR. Senior Advisor for the preparation of technical studies and a CEQA IS/MND that was approved unanimously by City Council. Work was being performed as a subconsultant to Trihydro Corporation in close coordination with the City of Modesto as the CEQA lead agency.

Inyo County Vacant Lands Inventory EIR (2021 - 2023). Deputy Project Manager for the preparation of an EIR analyzing the rezoning of vacant lands to promote housing opportunities in Inyo County. Responsible for the development of the project description, various resource sections, and project alternatives analysis in close coordination with County staff. Other responsibilities include internal management of the preparation of the EIR and schedule tracking.

Harney Lane Bridge Scour Mitigation Across Paddy Creek (2023 - 2024). Senior Environmental Project Manager for the preparation of a CEQA IS/MND for replacement of the current in-stream scour protection, which consists of quarry rocks and non-engineered rip-rap that have become eroded over time. Managed all contracted tasks including the preparation of an Aquatic Resources Delineation, Air Quality/Greenhouse Gas Emissions Letter Report, and CEQA IS/MND; Assembly Bill 52 consultation support; regulatory permitting for a Section 404 Nationwide 14 Permit, Section 401 Water Quality Certification, and CDFW Section 1602 Streambed Alteration Agreement. Work is being performed for the County of San Joaquin Public Works Department.

Oakmont Senior Living EIR (2020). Deputy Project Manager for the preparation and processing of an EIR for a residential development project with age-restricted living. The proposed project includes a Specific Plan Amendment for a previously approved entitlement in the Town Center West area in El Dorado Hills. The project applicant sought to amend the SPA to allow for residential development, including age restricted living, in addition to and in lieu of the previously approved commercial component. Responsible for the development of the project description and project alternatives in close coordination with the Project Manager and County staff. Work was performed for Oakmont Senior Living in coordination with El Dorado County as the CEQA lead agency.

EDUCATION

Bachelor of Science,
Environmental Science
and Management,
University of California,
Davis, 2021

**PROFESSIONAL
AFFILIATIONS**

Association of
Environmental
Professionals

JULIA PANO

Environmental Project Manager I



Ms. Pano is an Environmental Planner with experience preparing California Environmental Quality Act (CEQA) compliance documents, including Environmental Impact Reports (EIRs), Initial Studies/Mitigated Negative Declarations (IS/MNDs), Categorical Exemptions, and Addenda for a variety of project types including residential and commercial land development; cannabis cultivation, operation, and processing facilities; groundwater recharge; infrastructure improvement; renewable energy; and other planning and public works

projects. She also has experience preparing NEPA compliance documents for restoration, development, fuel break, and broadband projects with various federal lead agencies. She provides extension of staff services to multiple counties throughout Northern California by conducting permit and project application intake reviews for completeness. She conducts research, prepares impact analyses for various environmental resource issue areas, performs site reconnaissance surveys, and peer reviews technical reports prepared by technical specialists in support of CEQA documents. With an educational background in environmental compliance and conservation, Ms. Pano supports tasks related to environmental compliance and reporting to various public agencies.

Scarlet Solar Third Party Environmental Compliance (2023 - 2024). Environmental Planner for environmental compliance monitoring during construction of a 4,000-acre solar generation facility in Fresno County. Coordinated with on-site monitors and the County to ensure compliance with the project's mitigation monitoring and reporting plan (MMRP). Work performed for Fresno County.

Scarlet Solar Reclamation Plan Third Addendum (2023). Environmental Planner for the preparation of a Reclamation Plan for the Scarlet Solar Energy Project in unincorporated Fresno County. Peer-reviewed applicant-provided materials and lead the preparation of the Reclamation Plan. The project proposes to construct, operate, maintain, and decommission a 400-megawatt (MW) solar photovoltaic (PV) electricity generating facility, energy storage system, and associated infrastructure. Work performed for Fresno County.

Sonrisa Solar Reclamation Plan (2023). Environmental Planner for the preparation of a Reclamation Plan for the Sonrisa Solar Energy Project in unincorporated Fresno County. Peer-reviewed applicant-provided materials and lead the preparation of the Reclamation Plan. The project proposes to construct, operate, maintain, and decommission a 200-megawatt (MW) solar photovoltaic (PV) electricity generating facility, energy storage system, and associated infrastructure. Work performed for Fresno County.

City of Modesto Municipal Groundwater Supply Contamination Prevention and Cleanup Project (2022 - 2023). Environmental Planner for the preparation of a CEQA Compliance Review and Strategy Memorandum for the Modesto Municipal

Groundwater Supply Contamination Prevention and Cleanup Project. Reviewed engineering documents and relevant plans including the City of Modesto Wastewater Master Plan DEIR, and the General Plan Master EIR. Drafted Potential Project Objectives, as well as five potential Project Alternatives for the future potential preparation of an ISMND or EIR. Environmental Planner for the preparation of an IS/MND. Leading the preparation of the project description and impact analysis for all resource sections of the IS/MND in compliance with Appendix G of the State CEQA Guidelines. The project includes the construction of five (5) managed aquifer recharge (MAR) basins within the City of Modesto. Work is being performed for Trihydro Corporation as well as the City of Modesto, who also serves as the lead agency.

City of Bishop Downtown Specific Plan & Mixed-Use Overlay Program EIR (2022). Environmental Planner for the Downtown Bishop Specific Plan and Mixed-Use Overlay Project in the City of Bishop. Prepared the Findings of Fact and Statement of Overriding Considerations in support of the EIR. The project includes the establishment of a framework to guide the growth, function, and aesthetics of Bishop's city center while maintaining its distinct small-town character and creating a vibrant pedestrian-friendly environment. Work performed for the City of Bishop who also serves as the lead agency.

Harney Lane Bridge Scour Mitigation Across Paddy Creek (2023 - 2024). Environmental Planner for the preparation of a CEQA IS/MND for the Harney Lane Bridge Scour Mitigation Across Paddy Creek Project in San Joaquin County. Peer-reviewed applicant-provided materials and lead the preparation of the project description and impact analysis for all resource sections of the IS/MND in compliance with Appendix G of the State CEQA guidelines. Due to channel degradation over time, Harney Lane Bridge piers and the top of the west abutment footing have become exposed. To provide scour mitigation, the project is proposing to install open call articulated concrete block around the piers and abutments. Work is being performed for the County of San Joaquin Public Works Department, who is the lead agency.

Tenfold Natomas Residential Care Facility for the Elderly IS and Addendum (2021 - 2022). Environmental Planner for the preparation of an Addendum for the Tenfold Natomas RCFE Project in the City of Sacramento, Sacramento County. The project was originally evaluated pursuant to CEQA in the 1994 North Natomas Community Plan EIR and the 1997 Natomas Crossing-Alleghany Area #2 Planned Unit Development MND (1997 MND). The project includes construction of a residential care facility building, including independent/assisted living units and memory care units, with indoor and outdoor amenities. Collected ambient noise measurements, peer-reviewed applicant-provided technical studies, and led the preparation of a modified IS and the third addenda to the 1997 MND for development entitlements of a revised project. Worked performed for Tenfold Development, LLC with the City of Sacramento as the lead agency.

Natoma Affordable Senior Apartments IS/MND (2021 - 2023). Environmental Planner for the preparation of an IS/MND for Natoma Senior Apartments in the City of Folsom, Sacramento County. Peer-reviewed applicant-provided technical studies and leads the preparation of the project description and impact analysis for all resource sections of the IS/MND in compliance with Appendix G of the State CEQA guidelines. The project includes the construction of a 136-unit affordable senior rental housing with indoor and outdoor amenities located on a vacant project site. Work performed for City of Folsom who also serves as the lead agency.

Latrobe Commercial Condominium Environmental Consulting (2022). Environmental Planner for the preparation of an IS/MND for the Latrobe Condominiums Project in the unincorporated community of El Dorado Hills, El Dorado County. Peer-reviewed applicant-provided technical studies and assisted in the preparation of the project description and impact analysis for all resource sections of the IS/MND in compliance with Appendix G of the State CEQA guidelines. The project includes the construction of eight commercial buildings consisting of private condominium units and as well as a shared business center. Work performed for El Dorado County who also serves as the lead agency.

EDUCATION

Master of Science,
Wildlife Management,
University of California,
Berkeley, 1998

Bachelor of Science,
Zoology, University of
California, Davis, 1992

Master of Business
Administration, University
of California, Davis, 2014

CERTIFICATIONS

Yolo Habitat
Conservation
Plan/Natural
Community
Conservation Plan
Approved Biologist

**PROFESSIONAL
AFFILIATIONS**

Wildlife Society, Western
and National Chapters

Association of
Environmental
Professionals

DAVID BISE

Principal Biologist



Mr. Bise is a HELIX Biology Group Manager and Principal Biologist specializing in environmental permitting, client and agency coordination, project management, environmental impact assessment, and regulatory and environmental compliance. He has 27 years of professional experience in the environmental sciences, including preparation of California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) documents; preparation of environmental permit applications (404/401, Streambed Alteration

Agreements [SAAs]), Section 7 Biological Assessments, State Incidental Take Permit Applications, and land management plans; conducting special-status species surveys; and habitat mitigation and monitoring.

Fresno 7 Eleven (2020). Project Manager for proposed 7-Eleven development in the City of Fresno. Overseeing the preparation of a biological resources assessment for the project consistent with City of Fresno requirements. Work performed for TAIT and Associates with the City of Fresno serving as the lead agency.

Merced Landfill-Gas-to Energy Pipeline Project (2019). Project Manager for a proposed natural gas pipeline alignment between the Merced County landfill facility and the University of California, Merced campus. Oversaw tasks including preparation of a biological resource assessment, aquatic resources delineation, and the biological resources section of the IS/MND for the proposed alignment. Worked was performed for the Merced County Regional Waste Management Authority which also served as lead agency.

East Line Street Bridge Replacement (2023). Principal Biologist conducting senior review and oversight of biological resources assessment for bridge replacement project in the City of Bishop. Work products included a biological assessment and CEQA compliance. Work was performed for the City of Bishop which also served as the lead agency.

Grissom Property (2020). Project Manager for preparation of a San Joaquin kit fox habitat assessment and San Joaquin kit fox management plan for inclusion under a conservation easement for an approximately 1,280-acre site in the City of Los Banos, Merced County. Work performed for AKT Investments.

Holloway Road Warehouse/Distribution Buildings Biological Resources Assessment (2022). Principal Biologist for senior-level review of a biological resources assessment letter report to support entitlement on an approximately 27-acre proposed industrial development for warehouses and distribution facilities in the City of Gilroy, Santa Clara County. Work performed for Cale Enterprises.

California High-speed Rail Environmental Permitting (2015 - 2018). Permitting Lead for preparation of California ESA Incidental Take Permit Application and Biological Assessment for the Merced to Fresno section of the high-speed rail project in Merced

and Fresno counties. Worked with project proponent, technical resource experts, and permitting agencies to issue a Biological Opinion and Incidental Take Permit from USFWS and CDFW. Work performed for the California High-speed Rail Authority which also served as lead agency.

On-Call Biological Services for San Joaquin County Multi-Species Habitat Conservation and Open Space Plan (2016 - 2023) Project Manager for an on-call contract for San Joaquin Council of Governments (SJCOG) related to site assessments and constraints analysis for proposed projects in San Joaquin County and subject to review under the San Joaquin County Multi-species Habitat Conservation and Open Space Plan. Task orders often have to be completed with short timelines. Work performed for the San Joaquin Council of Governments which also serves as lead agency.

San Jose Water Company, Idylwild Water Storage Facility Biological and Aquatic Resources Assessment (2023 - 2024). Principal Biologist for senior review of an aquatic resources delineation report on an approximately 1-acre site in the community of Lexington Hills for a new water storage facility in the unincorporated town of Lexington Hills. Work performed for Water Works Engineers with the San Jose Water Company as the project owner.

Tracy Hills Project (2021). Principal Biologist conducting senior review and QA/QC of biological documents prepared for the Tracy Hills site in San Joaquin County. Work performed included a site assessment and preparation of an Aquatic Resources Delineation. Work was performed for the property owner with San Joaquin County serving as the lead agency.

Buckman Road Bridge Replacement Project Across Duck Creek (2022). Principal Biologist and Senior Reviewer for aquatic resources delineation prepared for a bridge replacement project in San Joaquin County. Work was performed for San Joaquin County which also served as the lead agency.

Highway 108 and MacKey Road Intersection (2019 - 2020). Principal Biologist assisting with senior review of technical reports for proposed intersection improvements on Highway 108 in Tuolumne County. Work prepared includes a Natural Environment Study, an aquatic resources delineation, and a tree survey. Work was performed for the Chicken Ranch Rancheria as a subconsultant to GHD, with Caltrans serving as the lead agency.

Manzana Creek Restoration Pilot Project (2022 - 2024). Principal Biologist conducting review of technical documentation including a Biological Assessment and rare plant assessment to support habitat restoration associated with drainage and culvert repairs in the Manzanita Creek Area of the Los Padres National Forest. Work is being performed for South Coast Habitat Restoration, with the Forest Service as the federal lead agency.

Home 2 Suites Santa Clara Valley Habitat Plan Application (2023). Principal Biologist for senior review of preparation of the biological resources components of a Santa Clara Valley Habitat Plan Application for an approximately 2-acre site proposed for a hotel in the City of Gilroy. Work performed for Central Valley Hotels.

Pittsburg Bay Walk Mixed Use Development (2020 - 2023). Principal Biologist that conducted senior review of work products including a Biological Resources Assessment and an Aquatic Resources Delineation. Reports were prepared for a proposed mixed-use development in the City of Pittsburg. Work was performed for Integral Communities.

Huntington Senior Apartments Biological Compliance Services (2019). Project Manager for proposed adult retirement community in the City of Roseville. HELIX tasks include CEQA documentation, preparation of technical reports including a biological resources assessment and arborist report, and environmental compliance surveys. Work conducted for the Stamas Corporation with the City of Roseville serving as the lead agency.

EDUCATION

Bachelor of Science,
Ecology and Evolution,
minor in Earth Science,
University of California,
Santa Cruz, 2005

CERTIFICATIONS

USFWS Endangered
Species Act Section
10(a)(1)(A) Permit for
California red-legged
frog and California tiger
salamander, No. ES-
778195-15

Yolo Habitat
Conservation Plan/
Natural Community
Conservation Plan
Approved Biologist

East Contra Costa
County Habitat
Conservation Plan/
Natural Community
Conservation Plan
Approved Biologist

Nevada County
Approved Biologist

**PROFESSIONAL
AFFILIATIONS**

North American Field
Herping Association

PATRICK MARTIN**Senior Scientist I**

Mr. Martin has 17 years of professional biological experience performing surveys for sensitive biological resources in California. He has extensive experience conducting biological surveys, worker environmental awareness program (WEAP) training, and construction monitoring for the development of gas and electric transmission and distribution, wind power, oil development, bridge replacement, and other infrastructure projects. He has routinely conducted reconnaissance-level and targeted biological surveys for plants and animals;

implemented minimization and avoidance measures as a senior field monitor; prepared technical reports and California Environmental Quality Act/National Environmental Policy Act (CEQA/NEPA) sections for biological resources; prepared biological assessments, mapped vegetation communities and wetlands, and facilitated Endangered Species Act consultations. In addition, he is skilled in the use of Global Positioning System (GPS) devices and associated software, four-wheel drive vehicle operation, and radio telemetry equipment, and he is adept at identifying plants, and wildlife in the field.

Mr. Martin has experience with several special-status species, including California tiger salamander (CTS), California red-legged frog (CRLF), California condor, arroyo toad, giant garter snake, desert tortoise, Mohave ground squirrel, Blainville's horned lizard, Swainson's hawk, burrowing owl, white-tailed kite, western pond turtle, golden eagle, bald eagle, desert woodrat, desert cymopterus, lone buckwheat, and lone Manzanita. He has completed over 500 hours of monitoring and surveying for desert tortoise, and he was previously approved to monitor for giant garter snake, Coachella Valley fringe-toed lizard, and CRLF. He has conducted protocol-level surveys for burrowing owl, Swainson's hawk, golden eagle, and bald eagle, and he has conducted monitoring for special-status invertebrate species, such as the Delhi Sands flower-loving fly, Kern primrose sphinx moth, and Casey's June beetle.

Luna Valley Solar Project (2020). Biologist for a 1,300-acre site located in unincorporated Fresno County for a proposed PV solar electricity generation facility and battery energy storage system. Conducted biological survey for the preparation of a Swainson's hawk foraging habitat impact assessment. Work performed for Clearway Energy.

Great Valley Solar Avian Monitoring (formerly Tranquillity) (2018). Biologist that assisted with avian point count and mortality surveys for the project site, consisting of a developed photovoltaic solar array near the census designated area of Tranquillity, Fresno County. Work performed for Semptra Infrastructure, LLC.

CAISO Reactive Support Biological and Wetland Resources Constraints Analysis (2020). Biologist that assisted with avian point count and mortality surveys for the project site, consisting of a developed photovoltaic solar array near the census

designated area of Tranquillity, Fresno County. Work performed for Sempra Infrastructure, LLC.

High Speed Rail Project, Fresno to Bakersfield Segment. Assisted with wetland delineations along the proposed project alignment in Fresno, Tulare, and Kern counties for the High Speed Rail Authority. Documented two active burrowing owl burrow complexes.

Eastern Sierra COG/Buttermilk Recreation Plan Biological Constraints Assessment (2023). Biologist for Biological Constraints Analysis for the Buttermilk Recreational Plan Area to identify potential constraints related to biological resources, including potential wetlands and other aquatic resources to avoid or minimize project impacts on sensitive and protected biological resources and future regulatory compliance. Conducted a reconnaissance survey of the 33,180-acre site which is dominated by native plants common to the eastern slopes of the Sierra Nevada and the Great Basin Desert in the Owens Valley. Work performed as a subconsultant to Alta Planning + Design with Eastern Sierra Council of Governments and project owner.

Harney Lane Bridge Scour Mitigation Across Paddy Creek (2023). Lead Biologist responsible for conducting wetland delineation for a bridge replacement project near Lodi, San Joaquin County. Led the field effort to map aquatic resources and provided senior review for document preparation. Work performed for San Joaquin County Department of Public Works.

St. Francis Ave/MID Main Canal Bridge (2022). Biologist for environmental compliance activities in support the bridge replacement project on St. Francis Avenue over the Modesto Irrigation Main Canal for Stanislaus County Department of Public Works. Conducted a pre-construction survey and worker environmental awareness program training. Work performed for Mark Thomas & Company with Stanislaus County as the project owner.

Tracy Hills Project (2020 - 2021). Designated/qualified Biologist for California red-legged frog, California tiger salamander, western spadefoot, burrowing owl, Swainson's hawk, San Joaquin kit fox, and nesting birds and raptors. Responsible for leading and conducting biological surveys prior to the implementation of project development. Conducted wetland delineation and initial site survey and mapped all potential burrow habitat for burrowing owl and San Joaquin kit fox on 500 acres in addition to a 500-foot buffered area. Implemented burrowing owl exclusion plan and monitoring project implementation. Conducted aquatic resource delineation during earlier phases of this project. Work performed for Integral Communities.

Slate Solar Power Development (2019 - 2021). Biologist for a solar electricity generating and energy storage facility located on 2,490 acres in Kings County. Conducted a wetland delineation, prepared an exclusion and monitoring plan for burrowing owl, conducted pre-construction surveys for burrowing owls and Swainson's hawk, Work performed for Recurrent Energy.

Garland Solar Battery Energy Storage System (2021 - 2022). Biologist for environmental compliance services during construction of an 88 MW(ac)/352 MW/hr battery energy storage system on approximately seven acres at the operational Garland Solar Facility in Kern County. Conducted pre-construction biological surveys and reporting, worker environmental awareness program training, and biological monitoring during construction. Work performed for Rosendin Electric.

7 Eleven Brentwood (2020). Biologist for 7-Eleven and Quick Quack car wash site on approximately three acres in Brentwood, Contra Costa County. Conducted nesting bird survey and pre-construction survey in compliance with the ECCC HCP/NCCP as an Approved Biologist. Approved by CDFW, USFWS, and ECCC Habitat Conservancy prior to surveys. Work performed for TAIT and Associates with the City of Brentwood as the lead agency.

EDUCATION

Bachelor of Science,
Environmental Studies,
California State
University, Sacramento,
2013

CERTIFICATIONS

USFW Endangered
Species Act 10(a)(1)(A)
Permit for Listed Large
Branchiopod, No. ES-
778195-15

CDFW Scientific
Collecting Permit,
Specific Use, No. S-
190450001-20119-001

International Society of
Arboriculture Certified
Arborist, No. WE-13338A

International Society of
Arboriculture, Tree Risk
Assessment
Qualification

Yolo Habitat
Conservation Plan/
Natural Community
Conservation Plan
Approved Biologist

East Contra Costa
County Habitat
Conservation Plan/
Natural Community
Conservation Plan
Approved Biologist

**PROFESSIONAL
AFFILIATIONS**

Court Appointed
Special Advocate
(CASA)

California Native Plant
Society, Sacramento
Chapter

MARISA BRILTS**Biologist V**

Ms. Brilts is a Biologist and ISA-certified Arborist with nine years of professional experience performing surveys for sensitive biological resources in California. She conducts targeted biological surveys for plants and wildlife, maps vegetation communities and wetlands, and prepares biological assessments and technical reports. Her skills include conducting biological surveys; worker environmental awareness program training; and construction monitoring for residential developments, cellular towers, and other

infrastructure projects. Ms. Brilts has experience with several special-status species, including vernal pool fairy shrimp, vernal pool tadpole shrimp, western spadefoot toad, California red-legged frog, Swainson's hawk, burrowing owl, white-tailed kite, western pond turtle, golden eagle, and tricolored blackbird. She has conducted protocol-level surveys for special-status vernal pool invertebrate species, burrowing owl, Swainson's hawk, and tricolored blackbird. In addition, she is skilled in the use of GPS devices and associated software, four-wheel-drive vehicle operation, and is adept at identifying plants and wildlife in the field.

Highway 59 Monitoring (2017 - 2022). Biologist for a vernal pool preserve located in Merced County. Conduct modified protocol-level surveys for vernal pool branchiopods and hydrological monitoring of the vernal pools. Work performed for Merced County Regional Waste Management Authority.

Tracy Hills Project (2021). Biologist assisting with surveys for San Joaquin kit fox, Swainson's hawk, burrowing owl, California tiger salamander, California red-legged frog, western spadefoot, and American badger for an approximate 525-acre project area in the City of Tracy. Work performed for Integral Communities.

Tracy Hills Phase 2 Burrowing Owl Support (2021 - 2024). Biologist for the construction phase of Tracy Hills, a residential development in the City of Tracy. Monitored burrow excavation activities, conducted clearance surveys, conducted species surveys in sensitive areas, and provided guidance to crews. Work performed for Integral Communities.

UC Merced Classroom and Office Building 3 CEQA Addendum (2024). Biologist for the preparation of an arborist survey in support of the biological resources assessment for CEQA Addendum for a new building on UC Merced campus. Work performed for UC Merced.

Slate Solar Power Development (2021). Biologist for a solar electricity generating and energy storage facility located on 2,490 acres in Kings County. Constructed and installed burrowing owl exclusion doors. Conducted burrowing owl survey. Work performed for Recurrent Energy.

Alta Arden Car Wash Arborist Letter Report (2023). ISA-certified arborist providing services for the proposed Quick Quack Car Wash facility within unincorporated

Sacramento County. Scope of services included tree survey and arborist letter reports to the County. Work performed for Quick Quack Car Wash.

Watt Avenue Apartments (2023). ISA-certified arborist for proposed sewer facility upgrades associated with the construction of a multi-family residential development located in the City of Sacramento. Responsibilities include conducting tree risk assessments and arborist recommendations through a technical report to the client and leading agency. Work performed for New Green Properties.

The Ranch Permitting Services (2020 - 2021). Biologist for an approximately 530-acre project site in the City of Rancho Cordova, Sacramento County. Monitored for western spadefoot toad within vernal pools and adjacent uplands. Work performed for K. Hovnanian Communities, Inc.

Saratoga Estates - Elliott Homes (2019). Biologist and Arborist for an approximately 122-acre residential development in the community of El Dorado Hills, El Dorado County. Environmental compliance surveys included wetland avoidance, nesting bird and western pond turtle surveys, tree assessment, elderberry assessment, and preparation and implementation of worker environmental awareness program training. Work performed for Elliott Homes with El Dorado County as lead agency.

400 Bercut Drive Arborist Monitoring (2022 - 2023). ISA-certified arborist providing tree assessment services for the River District Self Storage project to be located in the City of Sacramento. Scope of work includes tree risk assessment and arborist monitoring of Coastal redwoods, Canary Island pines, Western sycamore, and Valley oak trees within the project footprint. Work performed for TSD Engineering, Inc.

WellQuest Senior Living Granite Bay Arborist Assessment (2022). ISA-certified arborist responsible for tree surveys and arborist report for a proposed senior living facility in Granite Bay, Placer County. Conducted a tree inventory and prepared an arborist report for trees regulated by Placer County. Work conducted for WellQuest.

Jackson Township South Sacramento Habitat Conservation Plan Permitting (2020). Biologist for the approximately 129 -acre Werre Property Preserve in Sacramento County. Conducted field review of the site to document onsite characteristics in relationship to the South Sacramento Habitat Conservation Plan modeled habitat for covered species. Work performed for Tsakopoulos Investments.

Arroyo Del Valle Realignment (2017 - 2022) Biologist conducting a biological resources assessment and riparian boundary verification for the Arroyo del Valle realignment project in the City of Pleasanton. Duties included a full plant and wildlife species inventory, general assessment of resources on site, and verification of previously mapped riparian habitat using a hand-held GPS unit. Work performed for Cemex Construction Material Pacific, LLC who was also the project owner.

Caltrans Highway 9, 17, 35 Emergency Hazard Tree Assessment and Nesting Bird Surveys (2023). Arborist to conduct a reconnaissance assessment of failed or falling trees in Santa Clara County. Marked trees for removal or pruning for tree removal contractor. Work performed for Anvil Builders with Caltrans as the lead agency.

Blacker Canal Bank Stabilization Arborist Report (2022). ISA-certified arborist that conducted a tree survey for a four-acre bank stabilization project in the City of West Sacramento, Yolo County. Surveyed all trees along existing canal and conducted health and structure assessments of trees along canal that were potentially subject to impact by bank stabilization activities and summarized in technical report. Work was conducted for Marcus Bole and Associates.

EDUCATION

Master of Arts, Cultural Resources Management, Sonoma State University, 2000

Bachelor of Arts, Anthropology, minor in Geography, Humboldt State University, 1994

CERTIFICATIONS

Registered Professional Archaeologist No. 11693

American Institute of Certified Planners, Certification No. 21490

Academy of Board Certified Environmental Professionals, Certified Environmental Professional No. 12040825

PROFESSIONAL AFFILIATIONS

American Planning Association

Western Chapter of the Association for Preservation Technology

ANDREW PULCHEON, RPA, AICP**Principal Cultural Resources Specialist**

Mr. Pulcheon has over 30 years of research, field, laboratory, and project management experience. He has a breadth of skills and knowledge from both public and private sector projects across central and northern California including Native American consultation; field, archival, and laboratory research; Section 106 and CEQA historical resource evaluations; NEPA analysis; CEQA document preparation; development of treatment and management plans; and museum curation and collections management. Mr. Pulcheon also has over 20 years of experience

in cultural resources impact assessment and mitigation development, including the preparation of Initial Study and Environmental Impact Report sections in his role as a Certified Planner. He has documented or evaluated prehistoric and historical archaeological sites to meet regulatory requirements. Mr. Pulcheon is also enrolled in the Master of Legal Studies program for Indigenous People's Law at the University of Oklahoma.

South Kern and Old River Municipal Water Companies Consolidation IS/MND (2024).

Principal Cultural Resources Specialist for QA/QC of the cultural resources assessment prepared in support of a CEQA Plus IS/MND for the proposed consolidation of South Kern Mutual Water Company (MWC) and Old River MWC into the City of Bakersfield Water System. Work performed for Carollo Engineers with the City of Bakersfield as the lead agency.

Veterans Boulevard/SR 99 Interchange and Grade Separations Project (2013).

Principal Cultural Resources Specialist oversight of Section 106-level Historic Property Survey Report, Archaeological Survey Report, Historical Resources Evaluation Report, and a Paleontological Identification and Evaluation Report (PIR/PER). This project occurred in Fresno County. The studies included Department of Parks and Recreation 523 records for, and evaluations of, 17 built environment cultural resources within the Area of Potential Effects (APE). The evaluations indicated that none of the resources were eligible for inclusion in the National Register of Historic Places or the California Register of Historical resources and are not historical resources for the purposes of CEQA. A sacred Native American resource in the vicinity of the project required additional consultation with individual Native Americans and the Native American Heritage Commission. The results of the PIR/PER indicated that the APE contained Pleistocene sediments that have the potential to contain significant nonrenewable paleontological resources. It was recommended that prior to completion of the final project design a Paleontological Mitigation Plan be prepared.

East Line Street Bridge Replacement (2023). Principal Cultural Resources Specialist for preparation of an IS/MND in support of the proposed bridge replacement of East Line Street over Bishop Creek Canal in the City of Bishop. Oversaw preparation of a cultural resources assessment and tribal consultation support services on behalf of the City.

Work performed as a subconsultant for Lumos & Associates with the City of Bishop as the lead agency.

SR-68/San Benancio Road Intersection (2005 - 2007). Principal Investigator for Phase II archaeological investigations in support of Section 106 and CEQA permitting for an intersection improvements project proposed by the Monterey County Department of Public Works. The project site contained prehistoric archaeological site CA-MON-4/267. Subsequent excavations revealed that CA-MNT-4/267 consists of a habitation midden with faunal dietary debris, lithics, shell beads, and groundstone. CA-MNT-4/267 contains archaeological deposits that appear to represent a relatively undisturbed, discrete Early Period component dating from 1315 to 875 B.C., including an 80-year period between 1120 B.C. and 1200 B.C. that is not represented by any other archaeological site in Monterey County. CA-MNT-4/267 appears to be significant under NRHP Criterion D for its ability to contribute to a greater understanding of the poorly understood end-of-the-Early Period and Early-to-Middle Period transition in the Monterey Peninsula. Work performed for Monterey County Department of Public Works.

Salinas Intermodal Transportation Center (2006 - 2010). Task Lead and author of a Supplemental Historic Property Survey Report, Archaeological Survey Report, and Historical Resources Evaluation Report for the Salinas Intermodal Transportation Center Project in downtown Salinas, Monterey County. Conducted archival research, consultation with potentially interested parties, a field survey, and a National Register of Historic Places eligibility evaluation. Research identified one cultural resource, the Salinas Southern Pacific Railroad Historic District, in the project area. The study confirmed that, due to the absence of significant changes to the contributing buildings or their surroundings, the District still possessed the integrity necessary to retain eligibility for listing in the National Register. Work performed for City of Salinas Public Works Department.

In-N-Out Burger Drive-Through Restaurant EIR (2007 - 2008). Task Lead and author for the environmental documentation and associated technical analyses for a drive-through restaurant in Seaside, Monterey County. The 2.23-acre project site was located approximately 0.33 miles southeast of Monterey Bay, within the Coastal Zone. The original EIR was certified in July of 2011 and this project provided for updated technical analyses and an EIR Addendum. Conducted the appropriate background research and fieldwork to prepare a technical study to address the requirements for cultural resources under CEQA. Work performed for the City of Seaside Planning Department.

3414 17 Mile Drive (2014). Principal-in-Charge QA/QC for the peer review of a Phase-1 Historical Assessment evaluation of a French Eclectic residential property in Pebble Beach, Monterey County. After reviewing the materials, the previous memo, and conducting limited supplemental research concluded that the initial findings for Pinewood Edge's eligibility were inaccurate.

UC Merced Barn Demolition Site Archaeological Survey (2019). Principal Cultural Resources Specialist oversight of CEQA-level Phase I archaeological study for the Barn Demolition Site. This study included a records search and archaeological field survey to ensure that cultural resource deposits were not inadvertently exposed and damaged in proximity to the structure demolition area. No cultural resources were identified. Work performed as part of the 2020 Long Range Development Plan Subsequent EIR.

Merced Well 22 Cultural Resources Study (2019). Principal Cultural Resources Specialist oversight of CEQA-level Phase I archaeological study for the Merced Well 22 Project. The project involved the construction and operation of Well 22, a new municipal water supply well and pumping station for the City of Merced. The proposed well would yield 2,500 gallons per minute through a connection with the City's existing water supply distribution network. This study included a records search and archaeological field survey to ensure that cultural resource deposits were not inadvertently exposed and damaged as part of project construction. No cultural resources were identified.

EDUCATION

Doctor of Philosophy
Candidate,
Anthropology, University
of California, Berkeley,
2023

Master of Arts,
Anthropology, University
of California, Berkeley,
2019

Master of Arts, Maritime
Studies and Nautical
Archaeology, East
Carolina University, 2011

Master of Arts, American
History, Emory University,
2007

Bachelor of Arts, History,
Cum Laude, Emory
University, 2007

CERTIFICATIONS

Registered Professional
Archaeologist,
No. 989542

U.S. SOI Qualified for
Historic Archaeology,
Prehistoric Archaeology,
and History

**PROFESSIONAL
AFFILIATIONS**

Society for Historical
Archaeology

BENJAMIN SIEGEL, RPA**Cultural Resources Project Manager II**

Mr. Siegel is an archaeologist and cultural resource manager with 16 years of experience directing cultural resource management efforts across the United States and in countries abroad. He regularly authors or co-authors cultural resource assessments and reports associated with projects requiring compliance with Section 106 of the National Historic Preservation Act (NHPA), National Environmental Policy Act (NEPA), and California Environmental Quality Act (CEQA). He has applicable experience in directing records searches, field

surveys, site evaluations, data recovery efforts, and developing resource mitigation plans for large scale cultural resource efforts. Mr. Siegel is also experienced in the application of the California Register of Historical Resources (CRHR) and National Register of Historic Places (NRHP) evaluation criteria to various cultural resources. He meets the Secretary of the Interior's (SOI) Professional Qualifications Standards for prehistoric archaeology, historic archaeology, and history and is a member of the Register of Professional Archaeologists. Mr. Siegel is also a Ph.D. candidate in Anthropology at the University of California, Berkeley, and teaches a wide variety of classes as a Graduate Student Instructor for the University's Anthropology Department including; Introduction to Archaeology, Historic Artifact Analysis, Fire: Past, Present and Future Interactions with the People and Ecosystems of California, and Examining Past Interactions between Cultures and the Environment, a course of Mr. Siegel's own design.

South Kern and Old River Municipal Water Companies Consolidation IS/MND (2024). Senior Archaeologist for cultural resources assessment in support of a CEQA Plus IS/MND for the proposed consolidation of South Kern Mutual Water Company (MWC) and Old River MWC into the City of Bakersfield Water System. Work performed for Carollo Engineers with the City of Bakersfield as the lead agency.

San Juan Oaks Archaeological and Native American Monitoring (2021 - 2022). Senior Archaeologist for a residential development project on approximately 400 acres in San Juan Oaks, San Benito County. Responsible for archaeological monitoring of two previously recorded Native American sites located near a proposed housing development. Ensured that all construction staff adhered to Worker Environmental Awareness Program during all excavation and ground disturbance activities. Coordinated with Native American Tribal Monitor and key staff to ensure that construction crew was meeting tribal preservation standards on site. Confidential client.

East Line Street Bridge Replacement (2023). Senior Archaeologist for preparation of a cultural resources assessment in support of an IS/MND for a proposed bridge replacement of East Line Street over Bishop Creek Canal in the City of Bishop. Work performed as a subconsultant for Lumos & Associates with the City of Bishop as the lead agency.

Watt Avenue Apartments (2021 - 2024). Senior Archaeologist for seven-acre apartment complex development project located in North Highlands, Sacramento County. Responsible for producing the Cultural Resource Assessments associated with CEQA and Section 106 compliance. Work performed for New Green Properties, LLC.

Waterman Brinkman Logistics Center (2021 - 2022). Senior Archaeologist for preparation of a CEQA and Section 106-compliant cultural resource assessment report for the Waterman Brinkman Logistics Center Project located in the City of Elk Grove. The project consists of a distribution warehouse building, associated parking, and minor landscaping on a 20.6-acre site. Work performed for Buzz Oates with the City of Elk Grove as the lead agency.

Poppy Grove Affordable Housing IS/MND (2022). Senior Archaeologist for an affordable housing development project on approximately 16 acres located in Elk Grove, Sacramento County. Responsible for conducting a California Historical Resources Information System (CHRIS) records search and directing a pedestrian survey of the project area. Author of a cultural resource assessment that meets with CEQA requirements. Work performed for UrbanCore Development, LLC. with the City of Elk Grove as the lead agency.

Mowry Village Residential Development (2021). Senior Archaeologist responsible for conducting a CHRIS records search, historic aerial photograph analysis, tribal outreach, and an intensive pedestrian survey to inform a cultural resource assessment of a 35-acre project area in the City of Newark in Alameda County. The project site had a high potential to contain prehistoric archaeological sites and resources. Served as the primary author for the final cultural resource assessment report for the project to comply with CEQA requirements for the management of cultural resources. Work performed for Integral Communities.

Folsom Corporate Center Apartments IS/MND (2021). Senior Archaeologist for proposed multi-family apartment community project approximately seven acres in size, in Folsom, Sacramento County. Responsible for conducting a CHRIS records search, Native American outreach, and directing a pedestrian survey of the project area. Author of the project's cultural resource assessment which meet with CEQA requirements. Work performed for the City of Folsom Community Development Department.

Natoma Affordable Senior Apartments IS/MND (2022). Senior Archaeologist for proposed senior apartment housing project approximately five acres in size, in Folsom, Sacramento County. Responsible for conducting a CHRIS records search, Native American outreach, and directing a pedestrian survey of the project area. Author of a cultural resource assessment that meets with CEQA and Section 106 requirements. Work performed for City of Folsom Community Development Department.

North Vista Plaza Project (2021 - 2024). Senior Archaeologist for an approximately 41-acre residential development project in Valley Springs, Calaveras County. Responsible for CHRIS records search and Native American Heritage Commission Sacred Lands File. Directed the pedestrian survey of the project area. Authored the cultural resource technical report to comply with USACE and Section 106 of the National Historic Preservation Act. Work performed for LGI Homes.

Creekside Apartments IS/MND (2023). Senior Archaeologist for proposed apartment complex with 187 total units in four, four-story buildings; access to indoor and outdoor amenities; parking; and landscaping located in the City of Folsom, Sacramento County. Prepared cultural resources assessment in support of CEQA IS/MND and AB 52 consultation. Work performed for the City of Folsom.

Chevron Fuel Station and Power Market Convenience Store IS/MND (2022 - 2023). Senior Archaeologist for cultural resources evaluation in support of CEQA documentation for the proposed demolition of an existing convenience store and fueling station on 0.5-acre and construction of a Chevron Fuel Station and Power Market Convenience Store. Work is being performed for the City of Union City.

EDUCATION

Bachelor of Science,
Mechanical
Engineering, University
of California, Davis, 1991

**PROFESSIONAL
AFFILIATIONS**

Association of
Environmental
Professionals

MARTIN ROLPH**Sr. Air Quality/Noise Specialist I**

Mr. Rolph is an environmental specialist with five years of experience in air quality, greenhouse gas, and noise impact analysis for California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) compliance, and 15 years of engineering experience. He is proficient in the use of the California Emissions Estimator Model (CalEEMod), the Roadway Construction Model, AP-42 Emissions Factors, EMFAC and OFFROAD Emissions Inventory, and AERMOD/HARP2 health risk assessment tools and evaluating data and model

results in accordance with CEQA Guidelines adopted by various air districts in northern California. Mr. Rolph is also proficient in the use of the Computer Aided Noise Abatement (CadnaA) outdoor noise model, the Federal Highway Administration (FHWA) Highway Traffic Noise Model (TNM), the FHWA Roadway Construction Noise Model (RCNM), and the application of other numerical techniques and methods for evaluating and mitigating noise impacts from stationary sources. Mr. Rolph brings his extensive engineering experience to the profession of environmental planning, including mathematical modeling and analysis of systems, preparation of technical documentation, and regulatory compliance analysis.

City of Modesto Municipal Groundwater Supply Contamination Prevention and Cleanup Project (2023). Air Quality/Noise Specialist for preparation of technical studies in support of CEQA IS/MND. Prepared construction noise modeling and noise report and AQ/GHG modeling and report. Work is being performed for the City of Modesto under a sub-contract with Trihydro Corporation.

City of Bishop Downtown Specific Plan & Mixed-Use Overlay Program EIR (2021 - 2022). Air Quality/Greenhouse Gas Specialist for a specific plan which would increase allowable residential and commercial density in the downtown core of this rural and underserved City located in the Eastern Sierra Nevada region. Prepared modeling of potential air pollutant and greenhouse gas emissions and prepared air quality and greenhouse gas emissions technical reports and EIR sections. Work performed for the City of Bishop.

Rosamond Community Services District Wetland Conceptual Design Services Environmental Surveys and Documentation (2019). Air Quality and Greenhouse Gas Specialist for the analysis of Air Quality and GHG impacts for an IS/MND for a wastewater treatment plant rehabilitation project including an expansion of tertiary treatment and evaporation ponds. Work performed for the Rosamond Community Services District.

OIAA Taxiway Improvements & South Electrical Vault Relocation Environmental Consulting (051021) (2021 - 2022). Responsible for the preparation of a Health Risk Assessment of potential increased cancer, non-cancer chronic, and acute community health risks associated with rehabilitation and reconstruction of ONT Runway 8R-26L and associated airfield improvements. Analyzed community health risks resulting from

construction activities, asphalt batch plant operations, and community health risks associated with shifts in aircraft flight patterns during Runway 8R-26L reconstruction activities. Work performed as a subcontractor to HNTB for Ontario International Airport Authority.

Watt Avenue Apartments (2021). Air Quality/Greenhouse Gas Specialist responsible for the preparation of a technical report analyzing air quality and greenhouse gas emissions impacts resulting from construction and operation of a multi-family residential development in the unincorporated community of North Highlands, Sacramento County. Work was performed for New Green Properties, LLC, with Sacramento County as the Lead Agency.

FMC Willow and Grand Park (2019 - 2022). Air Quality/Noise Specialist for an IS/Addendum for a mixed-use development project tiering from the Dumbarton Transit-Oriented Development Specific Plan Program EIR in the City of Newark. Responsible for preparation of Air Quality and Greenhouse Gas and Noise Technical Reports and analyzing project impacts for incorporation into the respective CEQA Initial Study sections. Work performed for FMC Willow, LLC with the City of Newark as the Lead Agency.

West Roseville Marketplace Gas Station Health Risk Assessment (2022). Air Quality Specialist for the preparation of a health risk assessment and technical report analyzing the community health risks resulting from a proposed gasoline station as part of a retail development in the City of Roseville. Work was performed for Safeway Corporation with the City of Roseville as the Lead Agency and the Placer County Air Pollution Control District as a Responsible Agency.

AC Hotel by Marriott IS/MND (2022). Air Quality/Greenhouse Gas and Noise Specialist for the preparation of technical studies analyzing air quality, greenhouse gas emissions, energy, and noise impacts resulting from the construction and operation of a hotel in the City of Folsom. Technical studies were prepared to support an IS/MND. Work was performed for the City of Folsom.

Natoma Affordable Senior Apartments IS/MND (2022). Noise Technical Specialist for the preparation of a technical study analyzing the noise impacts resulting from the construction and operation of a senior apartment development in the City of Folsom. Technical studies were prepared to support an IS/MND. Work was performed for the City of Folsom.

Cameron Park Grocery Outlet (2021 - 2022). Noise Technical Specialist for the preparation of a technical report analyzing the noise impacts resulting from the construction and operation of a commercial grocery store project in the unincorporated community of Cameron Park, El Dorado County. Work was performed for Boos Development West, LLC, with El Dorado County as the Lead Agency.

Angels Camp Sewer Line Collection System Improvement & Replacement (2019). Air Quality/Greenhouse Gas Specialist for a sewer line replacement project in the City of Angels Camp. The City is replacing and upsizing approximately 6,012 linear feet of deteriorating sewer line to allow the City's wastewater treatment plant to operate at full capacity, thereby preventing wastewater spills into Angels Creek. Prepared air quality, greenhouse gas emissions, and noise IS/MND sections. Work performed for the City of Angels Camp.

Creekside Plaza ARCO Environmental Consulting (2021). Responsible for the preparation of an Air Quality and Greenhouse Gas Technical Report and a Health Risk Assessment for criteria pollutants and greenhouse gas emissions impacts and community health impacts in support of a Supplemental EIR on project located in Diamond Springs, El Dorado County. The project proposes construction and operation of a commercial development including office buildings, retail sales, a fast-food restaurant, and a gas station/car wash on a 4.3 acres site. Work performed for Strauch & Company.



AREAS OF EXPERTISE

- Transportation Planning
- Traffic Impact Studies
- Transportation Management Plans
- Traffic Operations
- Transit Priority
- Freeway & Arterial Management Studies
- Multimodal Studies

YEARS OF EXPERIENCE

34

REGISTRATIONS & CERTIFICATIONS

CA TR 2290 (Traffic)

PROFESSIONAL HISTORY

TJKM	2012-Present
URS	2004-2012
Bucher, Willis & Ratliff	2001-2003
TJKM	1996-2000
VK Patel	1990-1996

EDUCATION

M.S., Civil Engineering, San Jose State University, San Jose, CA
B.S., Civil Engineering, Saurashtra University, Rajkot, Gujarat, India

Mr. Amin has 34 years of both public and private sector experience in the areas of transportation planning, traffic impact studies, transportation management plans, construction scheduling, construction area signs, signing and striping, traffic signal coordination, traffic operations, transit priority, traffic signal systems, freeway and arterial management studies, and intelligent transportation systems planning, design and construction oversight. He specializes in macro and microscopic model development and application for analysis of impacts across all modes of transportation. His projects include planning, design, and providing construction oversight on projects to enhance operations and safety for all modes of transportation. Studies also include multimodal operations, light-rail, bus rapid transit, pedestrian, bicyclists and traffic safety and operations.

Nayan Amin, TE

PRESIDENT

Project Role: Principal-In-Charge

Project Experience

Interstate 880 & Winton Avenue & A Street Interchange Improvement, Alameda County, CA, Alameda County Transportation Commission, 2018-Ongoing, \$356K: Traffic Task Lead on the project which will consider improvements to enhance operations, safety, for all modes of transportation at both interchanges. The proposed improvement at Interstate 880/Winton Avenue interchange is to consider providing direct access to the Southland Mall and improve pedestrian and bicycle connectivity. The proposed improvements at Interstate 880/A Street interchange include widening of A Street from five lanes to six lanes and providing additional lane capacity for potential future freeway widening. The proposed improvements will also involve modifying signals and reconfiguring intersections to improve truck turning maneuvers and provide pedestrian and bicycle connectivity to east and west.

US 101 Interchange Improvements: San Antonio Road to Charleston Road/Rengstorff Avenue, Santa Clara County, CA, WMH Corporation, 2020-2021, \$123K: Project Manager that oversaw the Traffic Engineering Performance Assessment to support the Project Initiation Document. Preliminary traffic analysis was conducted to identify the deficiencies and evaluate different

alternatives to assist in the determination of alternatives to be evaluated in detail in the Project Approval and Environmental Phase of the project. The Project's improvements studied included Modifying or reconstructing the US 101/San Antonio Interchange to a full interchange; Constructing an auxiliary lane on southbound US 101 between San Antonio Road and Charleston Road/Rengstorff Avenue interchanges; and modifying the existing US 101/Charleston Road/Rengstorff Avenue on-ramps and off-ramps to improve local traffic circulation, bicycle and pedestrian access, and freeway operations to meet local needs.

Merced High-Speed Rail Station Reexamination Study, Merced, CA, PlaceWorks, 2022-Ongoing, \$84K: Principal-In-Charge. Our team is creating maps of study locations and segments, conducting trip generation, trip distribution, and trip assignment, and writing corresponding memorandums for each step of the traffic impact analysis. The Reexamination Study updates a similar study conducted in 2012 for the proposed Merced High-Speed Rail Station in the City of Merced. The study is part of an effort to environmentally clear the Merced-to-Bakersfield Initial Operating Segment of the California High-Speed Rail System.



High Speed Rail Transportation Section for Fresno to Palmdale Segment, CA, Cornerstone Structural Engineering Group, 2014-Ongoing, \$400K: Project Manager for conducting traffic impact study for High-Speed Train Project, Fresno–Bakersfield Segment. Oversaw the collection of existing traffic and roadway for the project. Conducted trip generation and distribution for the project. Evaluated existing conditions, near-term conditions and future conditions with and without project traffic. Evaluated more than 400 study intersections and 300 roadway segments for the project. Assisted in the identification of impacts at the study intersections and roadway segments. Assisted in developing recommendations for mitigating impacts projected to be generated due to the addition of traffic from the proposed project at the study intersections and roadway segments. Also assisted in the development of a Technical Report documenting the traffic impact analysis for the project. The project was conducted to support the Environmental Document for the project to be in compliance as per CEQA and NEPA guidelines.

Preliminary Engineering & Environmental Services for the Port of Oakland CIP Projects, Oakland, CA, Jacobs, 2016-2023, \$1.5M: Project Manager who led the review of existing plans, projects, infrastructure and facilities, and prepared an inventory of completed and planned projects, including those of project agency partners that could be integrated as part of this project. Project partners included MTC, Alameda CTC, Port of Oakland, City of Oakland, and Caltrans. The team provided support on the development of the Systems Engineering Management Plan (SEMP) which will be used as a project guide for the systems engineering process in the development of the ITST Master Plan and in subsequent ITST procurements, projects and capital investments. The team also supported the development of the ConOps document. The team supported the ITST Master Plan development, which focuses on developing a basic ITS architecture and

communications network for projects using commercially available technologies and providing a backbone for future implementation of Freight Advanced Traveler Information System (FRATIS), Connected Vehicle (CV) technologies, and other feasible technologies.

Citywide Active Transportation Plan, Fresno, CA, City of Fresno, 2023-Ongoing, \$400K: Principal-In-Charge and QA/QC. The team is preparing an update to the City Active Transportation Plan. We will build upon the previous success that Fresno has experienced through the enforcement of these plans and policies as well as enhancement to critical pedestrian and bicycle infrastructure to adhere to all Ages and Abilities standards and objectives. The team will also develop strategies and identify opportunities to improve safety and connectivity, develop a safety education program, conduct community outreach including two Pop-Up demonstration projects, and develop conceptual plans for potential projects.

On-Call Transportation Services, San Luis Obispo, City of San Luis Obispo, 2017-Ongoing, \$110K: Principal-In-Charge and QA/QC on project to provide Transportation Design, Engineering, and Review; Multimodal Planning and Analysis; Multimodal Operations and Analysis; and Travel Demand Modeling services on an on-call basis. Under this on-call contract, the team has been assigned the preparation of a Multimodal Traffic Impact Study for the proposed Froom Ranch Specific Plan Environmental Impact Report (EIR). Froom Ranch Specific Plan is the third and last major land annexation area identified in the City's General Plan, along with San Luis Ranch and Avila Ranch. The proposed project land uses include a mix of commercial, recreational, and residential uses, a large portion of which will be age-restricted and/or elder care living facilities. The purpose of this study is to conduct analysis for CEQA compliance and to evaluate consistency of the project with the City General Plan/Circulation Element.

On-Call CEQA Consultant Services, Yolo County, County of Yolo, CA, 2017-Ongoing, \$30K Principal-In-Charge and QA/QC on project to provide California Environmental Quality Act (CEQA) consulting services on an on-call basis. The services needed will mostly consist of focused analyses to support Initial Study, Negative Declaration, and Mitigated Negative Declaration reports, but could also potentially include more comprehensive analyses to support Environmental Impact Report (EIR) efforts when justified by the context and/or scope of a proposed project. As a result of this on-call contract, the team is in the process of performing an update to the Eastern Esparto Circulation Study in the Town of Esparto in Yolo County. This project consists of a comprehensive update to the 2006 Eastern Esparto Circulation Study. The goals of the study are twofold. First, the near-term goal is to analyze the transportation impacts of three proposed residential subdivisions in the eastern Esparto area and identify improvements to mitigate any impacts. Second, this study will evaluate the previously planned improvements from the 2006 study to determine whether it remains appropriate to support cumulative buildout of the East Esparto General Plan area.

Interstate 680 Interchange Modernization Project, Fremont, CA, WMH Corporation, 2020-Ongoing, \$100K: TJKM Project Manager responsible for the Traffic Engineering Performance Assessment (TEPA) as part the project for the Interstate 680 Interchange at N. Mission Boulevard, Interstate 680 at Washington Boulevard and Interstate 680 at Auto Mall Parkway. Conducted preliminary traffic analysis to identify the deficiencies. Evaluated different alternatives to assist in the determination of alternatives to be evaluated in detail in the Project Approval and Environmental Phase of the project.



AREAS OF EXPERTISE

- Transportation Planning
- Construction Management
- Corridor Studies
- Complete Streets
- Traffic Signal Systems
- Traffic Operations

YEARS OF EXPERIENCE

11

REGISTRATIONS & CERTIFICATIONS

CA EIT 182432

PROFESSIONAL HISTORY

TJKM 2013-Present
Larsen & Toubro Ltd. 2011-2012
Simplex Infrastructure

EDUCATION

M.S., Civil Engineering, University of Akron, Akron, OH
B.S., Civil Engineering, Pune University, Pune, Maharashtra, India

Mr. Paparaju has 11 years of professional experience in the areas of traffic operations, signal coordination, traffic impact studies, simulation modelling, bridge design, and construction oversight. He has completed a variety of engineering tasks for many express lane projects, corridor system management plans, highway corridor operation analysis, signal timing, and transportation management plans. He is very familiar with Caltrans project study phases: Preliminary Planning Study, Project Study Report, and Project Study Report-Project Development Support, Project Approval/Environmental Documentation, and Plans, Specifications, and Estimates (PS&E). He has extensive experience using various transportation engineering software packages, including Synchro, FreQ, VISSIM, TransModeler, HCS, Traffix, Vistro, and Sidra.

Sandeep Paparaju, EIT

SENIOR PROJECT MANAGER

Project Role: TJKM Project Manager

Project Experience

Interstate 880 & Winton Avenue & A Street Interchange Improvement, Alameda County, CA, Alameda County Transportation Commission, 2018-Ongoing, \$356K: Project Engineer. Responsible for improvements to enhance operations, safety, for all modes of transportation at both interchanges. Providing direct access to the Southland Mall and improve pedestrian and bicycle connectivity at the Interstate 880/Winton Avenue interchange as well as widening of A Street from five lanes to six lanes and provide additional lane capacity for potential future freeway widening at Interstate 880/A Street interchange. The proposed improvements will also involve modifying signals and reconfiguring intersections. Responsible for data collection, evaluating existing conditions, identifying improvements, developing travel demand forecast for all modes, and evaluating future conditions with and without project alternatives.

Merced High-Speed Rail Station Reexamination Study, Merced, CA, PlaceWorks, 2022-Ongoing, \$84K: Project Engineer. Our team is creating maps of study locations and segments, conducting trip generation, trip distribution, and trip assignment, and writing corresponding memorandums for each step of the traffic impact

analysis. The Reexamination Study updates a similar study conducted in 2012 for the proposed Merced High-Speed Rail Station in the City of Merced. The study is part of an effort to environmentally clear the Merced-to-Bakersfield Initial Operating Segment of the California High-Speed Rail System.

US 101 Interchange Improvements: San Antonio Road to Charleston Road/Rengstorff Avenue, Santa Clara County, CA, WMH Corporation, 2020-2021, \$123K: Project Engineer assisted with conducted the Traffic Engineering Performance Assessment (TEPA) to support the Project Initiation Document. Preliminary traffic analysis was conducted to identify the deficiencies and evaluate different alternatives to assist in the determination of alternatives to be evaluated in detailed in the Project Approval and Environmental Phase of the project. The Project's improvements studied included: Modifying or reconstructing the US 101/San Antonio Interchange to a full interchange; Constructing an auxiliary lane on southbound US 101 between San Antonio Road and Charleston Road/Rengstorff Avenue interchanges; and modifying the existing US 101/Charleston Road/Rengstorff Avenue on-ramps and off-ramps to improve local traffic circulation, bicycle and pedestrian access, and freeway operations to meet local needs.



State Route 91 TransModeler Microsimulation Model Toll Operations Upgrade, Orange County, CA, Orange County Transportation Authority, 2020-2022, \$200K: Project Engineer. The Orange County Transportation Authority has developed a Caliper TransModeler microsimulation model for the SR-91 (91 Model) between State Route 57 and Interstate 15. Assisted with the upgrade to account for existing and planned managed lane operations. Also included travel demand modeling and preparation of the General Plan Environmental Impact Report transportation analysis.

Preliminary Engineering & Environmental Services for the Port of Oakland CIP Projects, Oakland, CA, Jacobs, 2016-2023, \$1.5M: Task Lead. He assisted with the review of existing plans, projects, infrastructure and facilities, and prepared an inventory of completed and planned projects, including those of project agency partners that could be integrated as part of this project. Project partners included MTC, Alameda CTC, Port of Oakland, City of Oakland, and Caltrans. He provided support on the development of the Systems Engineering Management Plan (SEMP) which will be used as a project guide for the systems engineering process in the development of the ITST Master Plan and in subsequent ITST procurements, projects and capital investments. He also supported the development of the ConOps document. In addition, he also supported the ITST Master Plan development, which focuses on developing a basic ITS architecture and communications network for projects using commercially available technologies and providing a backbone for future implementation of Freight Advanced Traveler Information System (FRATIS), Connected Vehicle (CV) technologies, and other feasible technologies.

On-Call Consulting Services, Eureka, CA, City of Eureka, 2023-Ongoing, \$100K: Task Lead. Awarded the City of Elk Grove On-Call Consulting Services on June 6th, 2023. This contract has led to two task orders:

Myrtle Avenue Design Concepts-- Preparing the concepts for three intersections at Myrtle Avenue at West Avenue, Myrtle Avenue at Harrison Avenue, and Myrtle Avenue at 6th Street. These concepts include designs for a bicycle facility to safely move through the intersection.

Traffic Signal Retiming - Development of optimized signal timing plans for up to 27 intersections for the weekday a.m., midday, and p.m. peak periods in the City of Eureka. Review existing signal timing parameters using peak period turning movement counts for vehicles, pedestrians, and bicycles. Four GPS travel time surveys for the "Before Study" using floating car method at the study corridor during the same peak periods determined from turning movement counts for the study scenarios.

On-Call Traffic Engineering & Transportation Planning, Merced County, CA, County of Merced, 2016-Ongoing, \$150K: Project Engineer. Assisting the City on an on-call basis providing traffic engineering and transportation planning services. Task orders include:

- **Stephens Road Diet Improvements:** The County was awarded an HSIP grant to enhance the pedestrian and bicycle safety along Stephens Road. The project entails adding Class II bicycle lanes in each direction, the project is installing ADA ramps at the midblock crosswalk locations and also installing an overhead RRFB system for the Stephens Road approaches at Delhi Road. The project will also install new street lighting along the project limits and enhanced visibility crosswalks.
- **Countywide Crosswalk Enhancements at Four Locations:** The County is interested in installing RRFB systems at select intersections. At all four locations, the project would include the placement of enhanced visibility crosswalks, advanced yield lines and PG&E service with the necessary pedestals and points of connection instead of solar

powered systems. TJKM prepared the PS&E for construction

- **Signal Audit Countywide:** TJKM performed a signal audit at nine signalized intersections throughout the County. Tasks included: Inventory of the traffic signal controller cabinet equipment and traffic signal equipment to verify the equipment is in working order; verify if the traffic detection loops are operational; assessing the traffic signal and traffic signal communication needs at each intersection; collision analysis; prioritizing near term and long term replacement projects and associated construction costs, and preparation of a technical memo and exhibits summarizing our recommendations for each signal.

On-Call Professional Traffic Engineering/Transportation Planning Services, Concord, CA, City of Concord, 2015-Ongoing, \$250K: Project Engineer assisting with transportation planning and traffic operations services on an On-Call basis. Assisted with Galindo Street Corridor Plan, which included a user-friendly website for the City's Transportation Division and assisted with the development of a Highway Safety Improvement Program grant application for various locations to improve signal hardware that was approved for funding.

On-Call Traffic Engineering Services, Tracy, CA, City of Tracy, 2014-Ongoing, \$600K: Project Engineer assisting with traffic impact analyses for various proposed projects, including a medical center, Montessori elementary school, and housing developments. Tasks include, but not limited to, project management, stakeholder coordination, collecting traffic counts, trip generation and distribution, level of service calculations, traffic operations, and intersection configurations. He will coordinate project meetings at various stages of the project, as needed.



AREAS OF EXPERTISE

- Traffic Operations
- Traffic Handling
- Pavement Delineation
- Signage Plans
- Bicycle & Pedestrian Implementation
- Complete Streets
- Safe Routes to School
- Traffic Signal Design
- Intelligent Transportation Design
- ITS Planning

YEARS OF EXPERIENCE

17

REGISTRATIONS & CERTIFICATIONS

CA EIT 154117

PROFESSIONAL HISTORY

TJKM 2013-Present
URS 2007-2012

EDUCATION

B.S., Civil Engineering, San Jose State University, San Jose, CA

Mr. Patel has 17 years of professional experience in transportation/traffic engineering and design. He has provided support on traffic impact studies, highway operation analysis, signal coordination projects, and highway design plans, specifications and estimates (PS&E) packages. Mr. Patel has worked on various electrical design projects which include street lighting, traffic signal, and intelligent transportation system design plans, as well as the preparation of traffic handling, signage, and striping plans.

Mr. Patel has worked with various jurisdictions in the San Francisco Bay Area, Tri-Valley, Central Valley, and Northern California and is very familiar with their different standards and requirements. This knowledge often leads to minimal need for plan check comments during the design phase. For all projects, Mr. Patel has developed project estimates, specifications to accompany the full plan set. He has met with clients for comment review meetings, assisted cities on answering contractor Requests for Information (RFI's) on design work, and have met with them onsite to resolve any design questions.

Rutvij Patel, EIT

SENIOR PROJECT MANAGER

Project Role: Design Task Lead

Project Experience

HSIP Citywide Traffic Signal Hardware Upgrade, Phase 1, Concord, CA, City of Concord, 2020-2023, \$273K: Task Lead assisted the City with preparing a Highway Safety Improvement Program (HSIP) grant application for upgrading citywide signal hardware at all the City's signalized intersections. The City was successful in being awarded \$2.4 million in funding for the improvements. Tasks included assisting the City with receiving National Environmental Policy Act (NEPA) clearance, preparation of (PS&E documents, and provided bid and construction support services. Assisted the City with obtaining E-76 permit approval through Caltrans Local Assistance Program.

Pedestrian Countdown Signal Head Installation, Alhambra, CA, City of Alhambra, 2021-Ongoing, \$75K: Project Manager responsible for preparing Plans, Specifications, & Estimates package for the City to replace existing pedestrian signal heads at 25 City owned signals citywide. The project is federally funded through a Highway Safety Improvement Program grant and requires National Environmental Policy Act Clearance

and E-76 request for authorization for construction. Will provide bid and construction support services during construction. Preparing the documentation while working with the City to get E-76 submittal approval from Caltrans.

Preliminary Engineering & Environmental Services for the Port of Oakland CIP Projects, Oakland, CA, Jacobs, 2016-2023, \$1.5M: Task Lead. He led the review of existing plans, projects, infrastructure and facilities, and prepared an inventory of completed and planned projects, including those of project agency partners that could be integrated as part of this project. Project partners included MTC, Alameda CTC, Port of Oakland, City of Oakland, and Caltrans. He provided support on the development of the Systems Engineering Management Plan (SEMP) which will be used as a project guide for the systems engineering process in the development of the ITST Master Plan and in subsequent ITST procurements, projects and capital investments. He also supported the development of the ConOps document. In addition, he also supported the ITST Master Plan development, which focuses on developing a basic ITS architecture and



communications network for projects using commercially available technologies and providing a backbone for future implementation of Freight Advanced Traveler Information System (FRATIS), Connected Vehicle (CV) technologies, and other feasible technologies.

Homestead Road at Homestead High School Pedestrian & Bicycle Improvements, Sunnyvale, CA, City of Sunnyvale, 2019-2021, \$213K: Task Lead. TJKM assisted the City of Sunnyvale with conducting an operational analysis of the addition of the safety improvements at Mary/Homestead and Kennewick/Homestead. The recommendations in the traffic report were moved forward into preparing PS&E to implement pedestrian improvements. Some of the improvements included traffic signal modifications at both intersections, pedestrian bulbout on the southwest corner of Mary/Homestead, video and pedestrian detection at both locations, adding a pedestrian scramble phase at Mary/Homestead, green pavement markings, ADA ramp upgrades and APS push buttons. TJKM conducted NEPA and CEQA environmental clearance and also coordinated with the High School and school district for improvements within the school site and obtained an E-76 RFA for construction permit for the City.

Park Marina Drive Corridor Plan, Redding, CA City of Redding, 2020-Ongoing, \$200K: Task Lead assisting the City in developing a corridor plan for the Park Marina Drive corridor. The corridor plan is focused on enhancing multimodal accessibility and mobility in the vicinity as well as revitalizing the area to attract recreational use at the waterfront. The corridor plan entails mobility, land use, environmental, and utilities assessments for the complete street's alternatives. In addition to the corridor planning document, providing 30% design plans for the entire stretch of the corridor as part of the final product.

Barstow Avenue & Palm Avenue Traffic Signal, Fresno, CA, City of Fresno, 2019-Ongoing, \$32K: Project Manager to prepare a full set of construction drawings to modify the signal at Palm Avenue and Barstow Avenue. This involves upgrading the existing signal to eight phases, curb ramp work, signage and striping improvements. TJKM is responsible for the signal modification and signage and striping plans, our civil sub consultant will design the curb ramps for the project. TJKM team will prepare a full set of plans, specifications, and estimate for a construction ready package.

Bicycle Facilities On-Call Engineering Services, Fresno, CA, City of Fresno, 2019-Ongoing, \$50K: Project Manager As part of the On-Call City issued separate task orders for bike lane improvements.

Task Order No. 1: Operational Analysis for Road Diet along Palm Avenue between Belmont to Shields Avenue – The team reviewed operational impacts of a Road Diet on Palm Avenue. The analysis included converting an existing four-lane roadway to two-lanes with a two-way turn lane and class II bike facility.

Task Order No. 2: Operational Analysis for Road Diet along Elm Avenue and Belmont Avenue – The team will review the operational impacts of a Road Diet on three separate segments. The analysis included converting an existing four-lane roadway to two-lanes with a two-way turn lane and class II bike facility.

Midtown Fresno School Area Multimodal Interconnectivity, Fresno, CA, City of Fresno, 2020-Ongoing, \$85K: Project Manager. Overseeing the preparation of PS&E for the installation of new traffic signals, countdown head and crosswalks near Anthony Elementary (Blackstone and Webster), Heaton Elementary (McKinley and San Pablo) and Muir Elementary (Dennett and Palm). Sidewalk ramp installation at Glenn and Webster and accessible pedestrian signal upgrades at McKinley and Van Ness. The project will also include ADA compliant ramp upgrades at all intersections.

California High Speed Train Traffic Impact Study, Fresno to Bakersfield Segment, CA, High-Speed Rail Authority, 2014, \$300K: As Project Engineer, assisted in completing a transportation impact analysis for presentation in the environmental impact report (EIR) for the Fresno to Bakersfield section of the California High-Speed Rail System. The proposed train will eventually stretch almost 800 miles and connect the state's population centers.

Commercial Development along Green, Atwater, CA, First Capital Real Estate Investment, 2015-Ongoing, \$5K: As Project Engineer, conducted traffic analysis for proposed commercial development on a vacant lot.

CVS Pharmacy, Hanford, CA, Armstrong Development Properties, 2013, \$25K: Assistant Traffic Engineer assisted in analyzing the traffic impacts of a proposed CVS Pharmacy in place of a car dealership, on a site proposed to be further developed for mixed commercial use. He recommended adding stop signs to keep the level of service operations at acceptable levels for the first phase of development.

Bear Creek Village Automated Carwash, Merced, CA, Fremming Parson & Pecchenino Consulting Civil Engineers, 2013-2014, \$12K: As Project Engineer, assisted in performing Future Conditions analyses for a proposed automated carwash on a vacant lot. The purpose of this traffic impact analysis was to evaluate potential traffic impacts, identify short-term and long-term roadway and circulation needs, determine potential mitigation measures, and identify any critical traffic issues that should be accounted for and addressed in the ongoing planning process. The study also focused on evaluating traffic conditions around a proposed project driveway and at study intersections, which may be impacted by the project.



AREAS OF EXPERTISE

- Signal Coordination
- Corridor Studies/Complete Streets
- Traffic Studies & Impact Fee Programs
- Congestion Management Programs
- Development of Traffic Operational Analysis Guidelines
- Multimodal Transportation Analysis
- Transportation Planning
- Intelligent Transportation Systems
- Data Collection
- Level of Service Analysis
- Vehicle Mile Traveled Analysis

YEARS OF EXPERIENCE

17

PROFESSIONAL HISTORY

TJKM	2023-Present
AECOM	2022-2023
TJKM	2015-2022
SLS TTIC Pvt., India	2006-2013

EDUCATION

Master of Technology (Specialization in Transportation Engineering), Jawaharlal Nehru University, Hyderabad, India
B.E., Civil Engineering, Vasavi College of Engineering, Hyderabad, India

Ms. Samaleti has 17 years of experience in the area of transportation/traffic engineering. She has completed a variety of engineering tasks for signal coordination projects, signal timing, traffic operational analysis projects, traffic impact fee programs, congestion management programs, monitoring congestion management programs, development of traffic operational analysis guidelines, corridor studies, and multi-modal transportation analysis projects. She has also worked on traffic impact study (TIS) projects, Comprehensive Traffic and Transportation studies, and Feasibility studies in India. She has experience with a variety of software packages, including Synchro 10, SimTraffic 10, Traffix, Vistro, HCS and VISSIM.

Praveena Samaleti

SENIOR PROJECT MANAGER

Project Role: Planning Task Lead

Project Experience

Calaveras Boulevard Near-Term Improvements, Santa Clara County, CA, Santa Clara Valley Transportation Agency (VTA), 2020-2021, \$28K: Project Engineer assisted VTA to enhance traffic operations at the Westbound SR 237/ Calaveras Boulevard On-Ramp and Westbound SR 237 / McCarthy Boulevard On-Ramp is proposing Near-Term improvements and is in the process of preparing environmental documents for the project. Assisted in traffic operational analysis for Existing and Plus Project Conditions. Also, freeway operational analysis was conducted.

On-Call Transportation Engineering, Transportation Planning & Traffic Operations Services, Oakley, CA, City of Oakley, 2016-Ongoing, \$338K: Project Engineer. Tasks include developing a Citywide Traffic Model using Vistro software; traffic safety studies, and traffic impact studies. Assisting in the preparation of signal timing sheets for a variety of traffic signal controllers.

Port of Oakland Signal Timing, Alameda CTC, 2021-2022, \$67K: Project Engineer. Assisted in development of existing and proposed conditions Synchro models. The goal of this project was to facilitate traffic progression along study corridors and to update the signal timing plans to achieve operational efficiency of the

traffic signals with the existing capacity constraints.

Vistro Model Development, Santa Clara, CA, City of Santa Clara, 2023, \$20K: Project Engineer who assisted in developing the Vistro model for 40 study intersections to evaluate the level of service under existing conditions.

Oakley Citywide Traffic Model, Oakley, CA, City of Oakley, 2015-2017, \$49K: Assisting in lane configurations, volumes, speed, signal timings in Vistro for existing scenario.

Traffic Analysis for Schools, San Ramon, Danville, CA, TRAFFIX, 2015, \$42K: Assisting in lane configurations, volumes in TRAFFIX for existing scenario.

Traffic Evaluation of the Newell Road Bridge Project, Palo Alto, CA, NV 5, 2015, \$27K: The main purpose of the replacement of the bridge is to resolve flood issues and non-traffic issues at the bridge. Seven intersections were evaluated under existing scenarios using TRAFFIX.

Metropolitan Transportation Commission (MTC) Program for Arterial System Synchronization (PASS) 2022-2023 Cycle Atherton, Concord, and Pittsburg, \$330K: Project Engineer in development of proposed conditions Synchro models, and preparation of draft and final project reports. The goal of this project is to facilitate traffic progression along study corridors and to update the signal



timing plans to achieve operational efficiency of the traffic signals with the existing capacity constraints. Attaining this goal is expected to reduce traffic congestion, reduce traffic delays, reduce the emission of harmful greenhouse gases, reduce automobiles and transit travel time along the study corridors, and improve traffic safety.

On-Call Consulting Services, Eureka, CA, City of Eureka, 2023-Ongoing, \$100K: Support Staff. Awarded the City On-Call Consulting Services on June 6th, 2023. This contract has led to two task orders:

Myrtle Avenue Design Concepts-- Preparing the concepts for three intersections at Myrtle Avenue at West Avenue, Myrtle Avenue at Harrison Avenue, and Myrtle Avenue at 6th Street. These concepts include designs for a bicycle facility to safely move through the intersection.

Traffic Signal Retiming - Development of optimized signal timing plans for up to 27 intersections in the City. Review existing signal timing parameters using peak period turning movement counts for vehicles, pedestrians, and bicycles. Develop optimized signal-timing plans at the study intersections for the weekday a.m., midday, and p.m. peak periods. Four GPS travel time surveys for the "Before Study" using floating car method at the study corridor during the same peak periods determined from turning movement counts for the study scenarios.

As-Needed Traffic Consulting Services, Beverly Hills, CA, City of Beverly Hills, 2022-Ongoing, \$29K: Support Staff. Provide services for traffic engineering, traffic operations, transportation planning, parking studies, and traffic design services. From this contract, received a work order for the Sunset Boulevard Traffic Signal Synchronization and Optimization. Developing and fine-tuning optimized signal timing plans for eight traffic signals along Sunset Boulevard between City easterly and westerly limits. Duties include project management, site visits for data collection, and using the floating car method to collect and document a minimum of four GPS travel time runs

along the study corridors and prepare Before and After Studies.

On-Call Signal Timing, Palo Alto, CA, City of Palo Alto, 2021-Ongoing, \$800K: Project Engineer to provide Signal Timing services on an on-call basis. Under this on-call contract, she has been assigned to assist in the preparation of signal timing sheets for proposed lane configurations.

On-Call Signal Timing, Oakley, CA, City of Oakley, 2018-Ongoing, \$158K: Project Engineer to provide Signal Timing services on an on-call basis. Under this on-call contract, she has been assigned to assist in the preparation of signal timing sheets for a variety of traffic signal controllers.

On-Call Transportation Engineering, Transportation Planning & Traffic Operations Services, Oakley, CA, City of Oakley, 2016-Ongoing, \$338K: Project Engineer. Tasks include developing a Citywide Traffic Model using Vistro software; traffic safety studies, and traffic impact studies. Assisting in the preparation of signal timing sheets for a variety of traffic signal controllers.

Multimodal Transportation Analysis for the Proposed Mixed-use Development at 590 Castro Street, Mountain View, CA, City of Mountain View, 2020-2022, \$79K: Task Lead for the project. Evaluated the impact on the transportation infrastructure due to the addition of traffic from the proposed project. 16 study intersections and five roadway segments under six study scenarios were evaluated in accordance with the standards set forth by the LOS policies of the City. Assisted in developing Traffix network for the project study area, LOS results, and generating reports. Also assisted in preparing the project report.

Interstate 580 Transit & Multimodal Strategy, Alameda County, CA, Alameda County Transportation Commission 2023 Ongoing, \$107K: Task Lead for VISSIM analysis and preliminary Road Diet analysis as per Oakland Department of Transportation methodology.

Operations Control Center Replacement Project, Santa Clara

Valley Transportation Agency (VTA), CA, 2023, \$21K: Task Lead for Level of Service analysis, and operational impacts.

Local Transportation Analysis for Evergreen Valley College Entry Study, San Jose, CA, City of San Jose, 2020, \$24K: Project Engineer evaluated the impacts on the transportation infrastructure due to the addition of traffic from the proposed project. Three study intersections under three study scenarios were evaluated in accordance with the standards set forth by the LOS policies of the City. Assisted in developing TRAFFIX network for the project study area, LOS results, and generating reports. Also assisted in preparing the project report.

Traffic Management Plan for Todd Road Realignment, Sonoma County, CA, Sonoma County, 2020, \$8K: Project Engineer for traffic analysis and prepared technical memorandum for traffic management plan.

Traffic & Parking Study for Proposed Hotel Development at 39888 Balentine Drive, Newark, CA, City of Newark, 2020-2021, \$27K: Project Engineer evaluated the impacts on the transportation infrastructure due to the addition of traffic from the proposed project. Five study intersections under two study scenarios were evaluated in accordance with the standards set forth by the LOS policies of the City. Assisted in developing Synchro network for the project study area, LOS results, and generating reports. Also assisted in preparing parking analysis for the project.

Traffic Impact Study for Proposed Development at 701 W Evelyn Avenue, Mountain View, CA, City of Mountain View, 2016-2019, \$74K: Project Engineer evaluated the impacts on the transportation infrastructure due to the addition of traffic from the proposed project. Sixteen study intersections under six study scenarios were evaluated in accordance with the standards set forth by the LOS policies of the City. Assisted in developing TRAFFIX network for the project study area, LOS results, and generating reports. Also assisted in preparing the project report.



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Areas of Expertise

Ecology of California Flora and Fauna
Endangered Species Conservation
Environmental Impact Analysis
Environmental Compliance Monitoring
Wetland and Other Waters Delineation and Permitting

Education

Grad. Cert., Natural History Collections Management, Univ. of Victoria, 1998
B.S., Wildlife Biology and Botany, UC Davis, 1992
A.S., Biology, Fresno City College, 1987

Selected Professional Experience

Principal Scientist, Colibri Ecological Consulting, 2010–present
Project Scientist (Principal Investigator, Seabird Population Survey Program), UC Santa Cruz, 1995–present
Senior Ecologist and Project Manager, H. T. Harvey & Associates, 2006–2011
Independent Consultant, J. Davis Ecological Consulting Services, 1992–2006
Senior Museum Scientist, UC Santa Cruz, 1994–2002

Professional Affiliations

The Wildlife Society – Life Member
American Ornithological Society – Life Member
Ecological Society of America
Association of Environmental Professionals

Key Publications

Davis, J. N. & G. I. Gould, Jr. 2008. California Spotted Owl. In: W. D. Shuford & T. Gardali, editors. California bird species of special concern. Studies of W. Birds 1.

Henkel, L. A., R. G. Ford, W. B. Tyler, and J. N. Davis. 2007. Comparison of aerial and boat-based survey methods for Marbled Murrelets and other marine birds. *Marine Ornithology* 35:145–151.

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Jeff N. Davis

Principal Scientist

Jeff is an ecologist with more than 35 years of professional experience who specializes in the identification, ecological requirements, and regulatory protection of the flora and fauna of California. As Principal Scientist, Jeff provides technical oversight of all scientists at Colibri and assures the scientific accuracy and adequacy of all work. He oversees, manages, and carries out projects involving special-status species surveys, Endangered Species Act (ESA) Incidental Take Permit compliance, Habitat Conservation Plan (HCP) implementation, constraints analyses, Streambed Alteration Agreements, Clean Water Act Section 404 permits and 401 certifications, and environmental impact assessments. He has prepared or contributed to the biological resource sections of hundreds environmental impact reports, environmental impact statements, and other environmental compliance documents for projects throughout California. His strengths in this regard include a detailed knowledge of California flora and fauna, the California Environmental Quality Act (CEQA), the National Environmental Policy Act (NEPA), federal and state ESA regulations, the California Fish and Game Code, and a proven expertise in coordination, communication, and team leading.

Jeff has provided biological support services for PG&E and other utility companies continuously since 2006. Such services have included: (1) evaluating biological constraints; (2) preparing permit applications; (3) conducting reconnaissance, focused, and protocol surveys for special-status species; (4) conducting noxious weed assessments, mapping, and monitoring; (5) conducting nesting bird surveys; (6) coordinating and overseeing contractor activities; (7) presenting jobsite environmental education programs; and (8) providing onsite biological compliance monitoring. He routinely evaluates biological constraints to determine the need and schedule for (1) permits and agreements from the California Department of Fish and Wildlife, U.S. Fish and Wildlife Service, U.S. Army Corps of Engineers, and Regional Water Quality Control Board; (2) biological resource surveys; (3) and limited operating periods.

Some of the many PG&E workstreams Jeff has supported include vegetation management, short cycle, system hardening, project managed distribution, electric transmission, gas transmission, power generation, substation expansion, substation maintenance, new electric line construction, remote grid construction, electric line undergrounding, fiber installation, emergency response, access road maintenance, weather stations, HCP development and implementation, and mitigation monitoring.

Jeff is a Level II blunt-nosed leopard lizard surveyor and is approved by the U.S. Forest Service to conduct surveys and monitoring for projects that could impact Yosemite toad and fisher.



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Areas of Expertise

Special-Status Species Surveys
Project Management
GIS/Remote Sensing
Environmental Permitting
Environmental Compliance Monitoring
Project Coordination and Outreach

Education

M.S., Fisheries Biology, Humboldt State University, 2009

B.S., Biology/Environmental Studies, Alma College, 2004

Selected Professional Experience

Senior Scientist and Project Manager, Colibri Ecological Consulting, Fresno, CA, 2018–present

Environmental Scientist, Stantec Consulting Services, Fresno, CA, 2013–2018

Remote Sensing Professional, Watershed Sciences, Corvallis, OR 2011–2012

Volunteer Coordinator, West Eugene Wetlands, Eugene, OR, 2010–2011

Biological Science Technician, U.S. Fish & Wildlife Service, Arcata, CA, 2005–2010

Professional Affiliations

The Wildlife Society
Association of Environmental Professionals
American Fisheries Society

Training

Basic Wetland Delineation, Wetland Training Institute, 2022

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Ryan R. Slezak

Senior Scientist and Project Manager

Ryan is an environmental scientist with more than 15 years of professional experience. He routinely conducts special-status species surveys, presents environmental awareness trainings to work crews, monitors activities to ensure environmental compliance, and prepares survey and monitoring reports related to utility projects throughout California.

Ryan has provided more than 10,000 hours of environmental compliance monitoring for a variety of projects including those associated with energy development, spill response, pipeline construction, utility operations and maintenance, transportation, dam removal, habitat restoration, pollution remediation, and vegetation management. He has collaborated with government agencies, private consulting firms, non-profit organizations, and academic researchers with a focus on biological assessments, environmental permitting, and ecosystem restoration. As Project Manager, he trains and assigns work to other Colibri biologists, provides quality assurance/quality control reviews of all deliverables, and coordinates closely with the client.

Before joining Colibri, Ryan worked to permit and deliver the California High-Speed Rail throughout the Central Valley. In that capacity, he represented the California High-Speed Rail Authority at project-level meetings and served as a liaison between the design-build contractor and the regulatory agencies. Ryan interpreted and ensured compliance with environmental regulations and permits. He regularly reviewed compliance reports, wrote serial letters and permit applications, and performed biological assessments and field audits. As a Remote Sensing Professional for watershed Sciences, Ryan was responsible for GIS and remote sensing data acquisition and analysis and provided advanced GIS modeling to federal, state, and private agencies for a variety of ecological and natural resource applications.

Ryan has served as the lead GIS expert for Colibri for three years. In that capacity he has mapped survey results, created map graphics for reports, and executed spatial analyses for hundreds of projects throughout California, including dozens of vegetation mapping surveys.

Ryan is approved by the U.S. Forest Service to conduct surveys and monitoring for projects that could impact Yosemite toad and fisher and has supported dozens of PG&E projects including those for vegetation management, short cycle, gas transmission, and access road maintenance.

HELIX Environmental Planning, Inc.
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January 16, 2025

Nadia Salinas, Project Manager
City of Fresno, Planning and Development Department
2600 Fresno Street, 3rd Floor
Fresno, CA 93721

Subject: Statement of Qualifications for On-Call Environmental Services Pursuant to CEQA

Dear Ms. Salinas:

Thank you for the opportunity to provide additional information regarding costs and timeframes to complete the following tasks:

1. Categorical Exemptions
2. Notice of Exemptions
3. Notices of Preparation
4. Initial Studies
5. Negative Declarations
6. Mitigated Negative Declarations
7. Addenda
8. Environmental Impact Reports
9. Environmental Assessments & Related Technical Studies
10. Notices of Completion

The following supplement to our Statement of Qualifications submitted on November 27, 2024 includes a section for each of the above ten tasks and includes a summary of the task with task-specific assumptions, a table showing costs and schedule per subtask, and historical data showing total costs for a small sample of previous projects we have completed within the last five years.

With the exception of Environmental Assessments & Related Technical Studies (Task 9 in the above list), the cost estimates and schedules for the various California Environmental Quality Act (CEQA) documents and notices do not include preparation of technical studies or peer review of studies provided by a project applicant. We assume the necessary technical studies to support preparation of the CEQA documents will be provided by the City/project applicant or prepared by HELIX under Task 9.

The schedules provided include an estimated amount of time for the preparation of each subtask following receipt of the necessary information to complete the task or receipt of City comments on a draft document; however, subtasks may run concurrently.

We appreciate the opportunity to provide this additional information to supplement our Statement of Qualifications. Please do not hesitate to reach out to me at LesleyO@helixepi.com if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Lesley O'wning". The signature is written in a cursive, flowing style.

Lesley O'wning
Principal Planner

1. CATEGORICAL EXEMPTIONS

Task Summary and Assumptions

After the City determines that a proposed activity is a “project” subject to CEQA, HELIX will coordinate with the City to determine the type of document most appropriate to fulfill the requirements of CEQA. If it is determined that the project would qualify for a Categorical Exemption (CE), then HELIX will work with City staff to identify the applicable exemption “class” for the activity. HELIX has extensive experience processing CEs for CEQA-exempt projects which includes, but is not limited to, the exemptions pursuant to Section 15301, Existing Facilities, Section 15302, Replacement or Reconstruction, Section 15303, New Construction or Conversion of Small Structures, and Section 15332, In-Fill Development Projects. The following cost estimate assumes staff time for preparation of the categorical exemption without technical studies.

Cost and Schedule

Task	Principal Planner	Project Manager	Environmental Planner I	GIS Specialist III	Total	Schedule
Labor Rate	\$275	\$175	\$110	\$150		
Categorical Exemption	1	8	24	4	\$4,915	1 - 2 weeks from receipt of information needs
Total Cost	\$ 275	\$1,400	\$2,640	\$ 600	\$4,915	

Historical Data

Wastewater Treatment Facility Land Application Areas CEQA Categorical Exemption per Section 15301(b)

Location: City of Arvin, Kern County

Cost: \$4,850

Dates: June 2024 – January 2025

Thornton Affordable Housing CEQA Categorical Exemption per Section 15332

Location: City of Newark, Alameda County

Cost: \$5,950

Dates: September 2024 – Present

Water Quality Control Facility Sludge Thickener and Dewatering Unit CEQA Categorical Exemption per Sections 15302, 15303, and 15332

Location: City of Manteca, San Joaquin County

Cost: \$5,145

Dates: November 2024 – Present

2. NOTICE OF EXEMPTIONS

Task Summary and Assumptions

Projects that are categorically exempt from CEQA are processed through completion of a Notice of Exemption (NOE) form. Following preparation of the CE outlined in Section 1 above, a draft NOE form will be prepared and submitted to the City for review and comment. Following receipt of comments from the City, HELIX will prepare the final NOE for approval and signature by the Lead Agency's decision-making body (Planning Commission or City Council). The 30-day statute of limitations will begin following the filing of the NOE form with the Fresno County Clerk. HELIX assumes that the Lead Agency will file the NOE with the State Clearinghouse and Fresno County Clerk, along with payment of all necessary filing fees. The NOE is for the Lead Agency file and does not require circulation for public comment.

Cost and Schedule

Task	Principal Planner	Project Manager	Environmental Planner I	Total	Schedule
Labor Rate	\$275	\$175	\$110		
Notice of Exemption Form	0.25	0.50	2.00	\$376	1 day
Total Cost	\$ 69	\$ 88	\$ 220	\$ 376	

Historical Data

City of Arvin Wastewater Treatment Facility Land Application Areas CEQA Categorical Exemption per section 15301(b)

Location: City of Arvin, Kern County

Cost: \$375 for the NOE

Dates: January 2025

Manteca Water Quality Control Facility Sludge Thickener and Dewatering Unit CEQA Categorical Exemption

Location: City of Manteca, San Joaquin County

Cost: \$375 for the NOE

Dates: December 2024

3. NOTICE OF PREPARATION

Task Summary and Assumptions

HELIX will prepare a draft Notice of Preparation (NOP) for the project in conformance with CEQA Guidelines Section 15082. The NOP will outline the focus of an Environmental Impact Report (EIR) and include an Environmental Checklist (based on Appendix G of the CEQA Guidelines) identifying those environmental topic areas that would not be impacted by the proposed project, if any. Rationale and available substantial evidence will be cited for “no impact” findings. HELIX will distribute the draft NOP to the City and incorporate comments into a final version for public distribution. HELIX will coordinate with the City to develop a distribution list to facilitate public and agency noticing during the CEQA process. HELIX will provide the draft distribution list for approval during review of the draft NOP. The City will be responsible for distributing the NOP for public and agency review and its associated costs.

Cost and Schedule

Task	Principal Planner	Project Manager	Environmental Planner I	Technical Editor	GIS Specialist III	Total	Schedule
Labor Rate	\$275	\$175	\$110	\$115	\$150		
Notice of Preparation	2	12	32	2	4	\$7,000	1 - 2 weeks
Total Cost	\$ 550	\$2,100	\$3,520	\$ 230	\$ 600	\$7,000	

Historical Data

The costs provided reflect the budget for the subtask of Project Scoping and preparation of the NOP which supports preparation of the EIR.

City of Bishop Downtown Specific Plan & Mixed-Use Overlay Program EIR

Location: City of Bishop, Inyo County

Cost: \$7,500 for the NOP

Dates: April 2021-June 2021

County of El Dorado Broadband Infrastructure Program EIR

Location: El Dorado County

Cost: \$14,700 for the NOP and Scoping Meeting

Dates: July 2024-October 2024

Tuolumne County Broadband Program EIR/Environmental Assessment (EA)

Location: Tuolumne County

Cost: \$7,000 for the NOP

Dates: March 2023-June 2023

4. INITIAL STUDIES

Task Summary and Assumptions

After the City determines that a proposed activity is a “project” subject to CEQA, HELIX will coordinate with the City to determine the type of document most appropriate to fulfill the requirements of CEQA. If it appears that a project does not qualify for a CE or would have potentially significant impacts, then HELIX will prepare an Initial Study (IS) to evaluate the environmental impacts of a project in detail subject to City approval. Each IS Checklist (per CEQA Guidelines Appendix G) resource section includes a discussion of the existing conditions, impact analysis, and required mitigation measures (if warranted).

Cost and Schedule

Task	Principal Planner	Project Manager	Envir. Project Manager	Environmental Planner II	Environmental Planner I	Technical Editor	GIS Specialist III	Total	
Labor Rate	\$275	\$175	\$145	\$120	\$110	\$115	\$150		Schedule
Draft Initial Study	2	40	16	20	60	4	4	\$19,930	8 - 12 weeks from receipt of information and technical studies
Final Initial Study	2	12			32	2		\$6,400	2 weeks from receipt of City comments
Total Hours	4	52	16	20	92	6	4	194	
Total Cost	\$ 1,100	\$ 9,100	\$ 2,320	\$ 2,400	\$10,120	\$ 690	\$ 600	\$26,524	

Historical Data

South Kern and Old River Municipal Water Companies Consolidation IS/Mitigated Negative Declaration (MND)

Location: City of Bakersfield, Kern County

Cost: \$22,590 for the Draft IS; the cost for the Final MND, which includes the responses to comments on the Draft IS and preparation of a Mitigation Monitoring and Reporting Program (MMRP), is provided in Section 6 below.

Dates: March 2024-present

City of Modesto Municipal Groundwater Supply Contamination Prevention and Cleanup IS/MND

Location: City of Modesto, Stanislaus County

Cost: \$54,345 for the entire IS/MND as this project was scoped as a lump sum for completion of the entire IS/MND through project approval.

Dates: October 2022-November 2023

5. NEGATIVE DECLARATIONS

Task Summary and Assumptions

If the Initial Study concludes that the project will not cause a significant effect on the environment and no mitigation measures are necessary, the Lead Agency can prepare a negative declaration. In HELIX's experience, Negative Declarations are uncommon CEQA documents. Projects that would not cause a significant effect on the environment or require any mitigation can often be categorically exempt from CEQA and processed through the preparation and filing of a CE and NOE. If mitigation is required, an MND or EIR would be prepared. However, if a negative declaration is warranted for a project, HELIX can certainly prepare the appropriate documentation. The cost and schedule assume that an Initial Study has already been completed for the project and did not identify any potentially significant impacts warranting the need for mitigation measures. Therefore, for the purposes of this proposal, the preparation of the Negative Declaration would consist of preparing a CEQA Determination page for City signature.

Cost and Schedule

Task	Principal Planner	Project Manager	Environmental Planner I	Total	Schedule
Labor Rate	\$275	\$175	\$110		
Negative Declaration	0.25	0.50	2	\$376	1 day
Total Cost	\$ 69	\$ 88	\$ 220	\$ 376	

Historical Data

As noted above, in HELIX's experience, Negative Declarations are uncommon CEQA documents, and HELIX does not have recent project examples to provide.

6. MITIGATED NEGATIVE DECLARATIONS

Task Summary and Assumptions

Following completion of an Initial Study, a determination is made whether the project has less-than-significant impacts, less-than-significant impacts with mitigation incorporated, or potentially significant impacts which would require the preparation of an EIR. If mitigation measures are incorporated into the IS and can reduce all potentially significant impacts to a less-than-significant level, then an MND will be prepared for public circulation. HELIX will prepare an MND including responses to public comments and the preparation of a Mitigation Monitoring and Reporting Plan (MMRP).

Cost and Schedule

Task	Principal Planner	Project Manager	Environmental Planner II	Environmental Planner I	Total	Schedule
Labor Rate	\$275	\$175	\$120	\$110		
Mitigated Negative Declaration	3	12	12	32	\$7,885	4 weeks from close of public comment period
Total Cost	\$ 825	\$ 2,100	\$ 1,440	\$ 3,520	\$ 7,885	

Historical Data

South Kern and Old River Municipal Water Companies Consolidation IS/MND

Location: City of Bakersfield, Kern County
Cost: \$8,260 for the MND
Dates: March 2024-Present

City of Modesto Municipal Groundwater Supply Contamination Prevention and Cleanup IS/MND

Location: City of Modesto, Stanislaus County
Cost: \$54,345 for the entire IS/MND as this project was scoped as a lump sum for completion of the entire IS/MND through project approval.
Dates: October 2022-November 2023

7. ADDENDA

Task Summary and Assumptions

Following the approval of a CEQA document such as an IS/MND or EIR, it is occasionally necessary to prepare an addendum to evaluate changes to a previously analyzed project. HELIX has extensive experience preparing addenda for a variety of projects that tier from previously adopted or certified IS/MNDs and EIRs.

Cost and Schedule

Task	Principal Planner	Project Manager	Envir. Project Manager	Environmental Planner I	Technical Editor	GIS Specialist III	Total	Schedule
Labor Rate	\$275	\$175	\$145	\$110	\$115	\$150		
Addendum	2	8	16	40	2	4	\$9,500	2-4 weeks
Total Cost	\$ 550	\$1,400	\$2,320	\$4,400	\$ 230	\$ 600	\$9,500	

Historical Data

University of California (UC) Merced Classroom and Office Building 3 IS/Addendum

Location: UC Merced Campus, Merced County
Cost: \$19,910
Dates: October 2024-Present

FMC Willow and Grand Park Addendum

Location: City of Newark, Alameda County
Cost: \$7,200
Dates: March 2024-April 2024

Shopping Center Electronic Readerboard IS/Addendum

Location: City of Folsom, Sacramento County
Cost: \$8,000
Dates: June 2023-October 2023

Tenfold Natomas Senior Living IS/Addendum

Location: City of Sacramento, Sacramento County
Cost: \$12,500
Dates: November 2021-February 2022

8. ENVIRONMENTAL IMPACT REPORTS

Task Summary and Assumptions

If an IS determines the project would result in potentially significant impacts to the environment, then an EIR may be prepared. To streamline the EIR preparation process, HELIX would use the analysis prepared in the IS to “focus” the EIR to analyze only the resource sections that would have potentially significant impacts to the environment. Following the determination that an EIR will be prepared for the project, HELIX will prepare an NOP for distribution by the City to each responsible and/or trustee agency responsible for natural resources affected by the project, as well as interested members of the public, as discussed in Section 3, Notice of Preparation, above.

HELIX will prepare an Administrative Draft EIR, utilizing City- or applicant-provided resource-specific technical studies, and will analyze project-related impacts and identify feasible mitigation measures to reduce impacts to the extent possible. Upon receipt of comments from the City, HELIX will prepare the Public Review Draft EIR to be distributed for a 45-day public review period.

Following the close of the 45-day public review period, HELIX will prepare draft responses to public comments for City review. HELIX will also prepare a Final EIR, which will include responses to all public comments received.

Cost and Schedule

Task	Principal Planner	Project Manager	Envir. Project Manager	Sr. Environ. Specialist	Environmental Planner II	Environmental Planner I	Principal Cultural Resources Specialist	Sr. Cultural Resources PM II	Technical Editor	Sr. GIS Specialist/Manager	GIS Specialist III	Total	Schedule
Labor Rate	\$275	\$175	\$145	\$175	\$120	\$110	\$230	\$205	\$115	\$190	\$150		
Administrative Draft EIR	16	80	80	40	160	160	4	16		2	8	\$79,580	20-28 weeks
Public Review Draft EIR	4	20				40			16			\$10,840	2 weeks
Final EIR	4	24				80						\$14,100	3 weeks
Total Hours	24	124	80	40	160	280	4	16	16	2	8	754	
Total Cost	\$6,600	\$21,700	\$11,600	\$7,000	\$19,200	\$30,800	\$ 920	\$3,280	\$1,840	\$ 380	\$1,200	\$ 105,274	

Historical Data

Tuolumne County Broadband Infrastructure Program EIR

Location: Tuolumne County

Cost: \$150,635

Dates: January 2023-September 2024

City of Bishop Downtown Specific Plan & Mixed-Use Overlay Program EIR

Location: City of Bishop, Inyo County

Cost: \$95,000

Dates: April 2021-December 2022

9. ENVIRONMENTAL ASSESSMENTS & RELATED TECH. STUDIES

Task Summary and Assumptions

HELIX understands that the City of Fresno has their own Environmental Assessment Form, which HELIX will use to evaluate potential impacts of a project. HELIX has experience preparing a variety of technical studies which may be required for completion of the City's Environmental Assessment Form. These include reports related to aesthetics (Shadow Analysis, visual simulations), air quality and greenhouse gas emissions (Air Quality and Greenhouse Gas Emissions reports, Health Risk Assessments), Biological Resources Assessments, Aquatic Resources Delineations, Land Evaluation Site Assessments (LESA) for the evaluation of agricultural lands, Cultural and Historic Resources Evaluations, Noise reports, and more.

Cost and Schedule

Environmental Assessment Form

Task	Principal Planner	Project Manager	Environmental Planner I	Total	Schedule
Labor Rate	\$275	\$175	\$110		
Environmental Assessment Form	1	4	24	\$3,615	2-4 weeks (not including supporting studies)
Total Cost	\$ 275	\$ 700	\$2,640	\$3,615	

Support Technical Studies

Task	Principal Planner	Project Manager	Envir. Project Manager	Sr. Environ. Specialist	Landscape Designer I	Principal Cultural Resources Specialist	Sr. Cultural Resources PM II	Sr. Architectural Historian	Asst. Archaeological Field Director	Principal Biologist	Sr. Scientist I	Biologist II	Technical Editor	GIS Specialist III	Total	Schedule
Labor Rate	\$275	\$175	\$145	\$175	\$115	\$230	\$205	\$170	\$120	\$265	\$190	\$135	\$115	\$150		
Aesthetics Visual Simulations	1	1			24										\$3,210	2 weeks; cost and schedule for one visual simulation
Agricultural Land Evaluation Site Assessment	4	2	40											6	\$8,150	4 weeks
Air Quality and Greenhouse Gas Emissions Report	1	2	40	16									2	2	\$9,755	6-8 weeks
Biological Resources Assessment	1	2								4	24	12	2	2	\$8,395	6 weeks
Aquatic Resources Delineation	1	2								4	36		2	4	\$9,355	6 weeks
Cultural and Historic Resources Assessment	1	2				4	24	24	8				4	4	\$12,565	6-8 weeks, assumes historic resources to be evaluated as well
Noise Report	1	2		40									2	4	\$8,455	6 weeks

Historical Data

Environmental Assessment Form

6105 McKeon Way Ponderosa Aquatics Environmental Questionnaire

Location: Placer County

Cost: \$2,115

Dates: February 2022-April 2022

Note: Placer County's Environmental Questionnaire is similar in nature to the City of Fresno's Environmental Assessment Form.

Supporting Technical Studies

Aesthetics Visual Simulations:

Centennial Park Master Plan and IS/MND, Visual

Simulations (4)

Location: City of Vacaville

Cost: \$12,500 (\$3,125 per simulation)

Dates: April 2024-June 2024

Agricultural Land Evaluation Site Assessment:

Elysian Solar Battery Energy Storage System

(BESS)

Location: South of the community of Mendota in Unincorporated Fresno County

Cost: \$8,815

Dates: May 2022-November 2022

Air Quality and Greenhouse Gas Emissions Report:

City of Modesto Municipal Groundwater Supply

Contamination Prevention and Cleanup

Location: City of Modesto, Stanislaus County

Cost: \$10,000

Dates: May 2024-September 2024

Biological Resources Assessment:

UC Merced Classroom and Office Building 3

Location: UC Merced Campus, Merced County

Cost: \$7,880

Dates: November 2024-January 2025

Aquatic Resources Delineation:

Harney Lane Bridge Scour Mitigation Project

Location: San Joaquin County

Cost: \$7,750

Dates: May 2023-September 2023

Cultural and Historic Resources Assessment:

Pacheco Fire Station 9 Redevelopment

Location: Contra Costa County

Cost: \$14,200

Dates: July 2024-September 2024

Noise Report:

City of Modesto Municipal Groundwater Supply

Contamination Prevention and Cleanup

Location: City of Modesto, Stanislaus County

Cost: \$8,110

Dates: May 2023

10. NOTICE OF COMPLETION

Task Summary and Assumptions

HELIX will prepare a Notice of Completion, including a Summary Form, to be uploaded to the State Clearinghouse along with a Public Review Draft CEQA Document.

Cost and Schedule

Task	Principal Planner	Project Manager	Environmental Planner I	Total	Schedule
Labor Rate	\$275	\$175	\$110		
Notice of Completion	0.50	1	2	\$533	1 day
Total Cost	\$ 138	\$ 175	\$ 220	\$ 533	

Historical Data

Yuba City Aquifer Storage and Recovery Project IS/MND

Location: Yuba City, Sutter County

Cost: \$550

Dates: December 2024

**WRITTEN RESOLUTION ADOPTED BY THE BOARDS OF DIRECTORS OF
HELIX ENVIRONMENTAL PLANNING, INC. AND
HELIX ENVIRONMENTAL CONSTRUCTION, GROUP, INC.
CALIFORNIA CORPORATIONS**

The Board of Directors ("Board") of HELIX Environmental Planning, Inc., and the Board of HELIX Environmental Construction Group, Inc.—with each Board consisting of Michael Schwerin, Kristin Olszak, Justin Fischbeck, Shelby Howard, and William Siegel—approve on July 9, 2024, this written resolution regarding the authority of HELIX employees to sign documents on behalf of the parent company and/or its subsidiary, subject to the limitations presented below. As used in this written resolution, "HELIX" refers to both the parent company HELIX Environmental Planning, Inc. and its subsidiary, HELIX Environmental Construction Group, Inc.

Signing Authority

WHEREAS, there has been presented to the HELIX Environmental Planning, Inc. and HELIX Environmental Construction Group, Inc. Boards of Directors a new schedule for signing authority by certain individuals and the monetary limits for check signing, the terms and provisions of which are incorporated herein by this reference as if set forth at length.

IT IS THEREFORE RESOLVED, that the new signing authority is as follows:

- **Shelby Howard**, Chief Executive Officer, has authority to enter into binding negotiations and sign any document or check on behalf of HELIX, with check limits in excess of \$200,000 requiring a second signature by Justin Fischbeck or Kristin Olszak. If a lease's value exceeds 4% of gross revenue, then the lease will need Board approval before being signed.
- **Michael Schwerin**, Board Chairperson, has the authority to enter into binding negotiations and sign any project-related proposals, teaming agreements, contracts, contract augment requests, or contract augments regardless of value until December 31, 2024.
- **Kristin Olszak**, CFO, Secretary, and Treasurer, has authority to enter into binding negotiations and sign all checks, leases and financial documents for HELIX, with check limits in excess of \$200,000 requiring a second signature by either Justin Fischbeck or Shelby Howard. Ms. Olszak also has the authority to sign contracts where the client requests/requires the signature of the HELIX CFO, Secretary, and/or Treasurer. When any lease exceeds 4% of gross revenue in value, then the lease will need Board approval before being signed.
- **Justin Fischbeck**, Chief Operations Officer, has authority to enter into binding negotiations and sign any document or check on behalf of HELIX, with check limits in excess of \$200,000 requiring a second signature by either Shelby Howard or Kristin Olszak. If a lease's value exceeds 4% of gross revenue, then the lease will need Board approval before being signed.
- **Karl Osmundson**, Biology Division Manager, has authority to enter into binding negotiations and sign any project-related proposals, teaming agreements, contracts, contract augment requests, or contract augments regardless of value and also any project- or proposal-related teaming or confidentiality/non-disclosure agreements.
- **Andrea Bitterling**, Planning Division Manager and Assistant Secretary, has the authority to enter binding negotiations and sign any project-related proposals, teaming agreements, contracts, contract augment requests, or contract augments regardless of value and also any project- or proposal-related teaming or confidentiality/non-disclosure agreements.
- **Patrick Britton**, Northern California Regional Manager, has the authority to enter binding negotiations and sign any project-related proposals, teaming agreements, contracts, contract augment requests, or contract augments for the Northern California Office regardless of value and also any project- or proposal-related teaming or confidentiality/non-disclosure agreements.

**Signing Authorities for HELIX Environmental Planning, Inc. and
HELIX Environmental Construction Group, Inc. (continued)**

As approved by the Board of Directors on July 9, 2024

- **The following employees** have authority to enter into binding negotiations and sign any project-related proposals, teaming agreements, contracts, contract augment requests, or contract augments for HELIX in the following amounts:

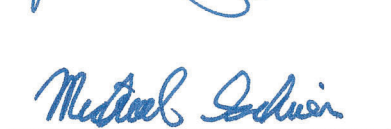
Joanne Dramko , Environmental Planning Discipline Leader	\$500,000 or less
Peter Tomsovic , Habitat Restoration Discipline Leader	\$500,000 or less
Amir Morales , Biology Group Manager	\$250,000 or less
Beth Martinez , Sr. Biology Group Manager	\$250,000 or less
Erik McCracken , Construction Group Manager	\$250,000 or less
Mary Robbins-Wade , Cultural Resources Group Manager	\$150,000 or less
Michael Maryniewski , Director of Operations	\$150,000 or less
Kelsey Anderson , Construction Group Manager	\$150,000 or less
Lesley Owing , Environmental Planning Group Manager	\$150,000 or less
Stacie Wilson , Cultural Resources Group Manager	\$150,000 or less
Vanessa Toscano , Environmental Planning Group Manager	\$150,000 or less
Robert Edgerton , Principal Planner	\$100,000 or less
Beth Ehsan , Biology Group Manager	\$50,000 or less

Approved on July 9, 2024

Respectfully submitted:



Kristin L. Olszak, Secretary



Michael Schwerin, Director



Kristin L. Olszak, Director



Justin Fischbeck, Director



Shelby Howard, Director



William Siegel, Director