

## **AGREEMENT FOR SERVICES OF INDEPENDENT CONTRACTOR**

**THIS AGREEMENT** (hereafter Agreement) is made by and between the County of Santa Barbara, a political subdivision of the State of California (hereafter COUNTY) and Twining Inc. with an address at 1868 Portola Road, Suite G, Ventura, CA 93003 (hereafter CONTRACTOR) wherein CONTRACTOR agrees to provide and COUNTY agrees to accept the services specified herein.

**WHEREAS**, CONTRACTOR represents that it is specially trained, skilled, experienced, and competent to perform the special services required by COUNTY and COUNTY desires to retain the services of CONTRACTOR pursuant to the terms, covenants, and conditions herein set forth;

**NOW, THEREFORE**, in consideration of the mutual covenants and conditions contained herein, the parties agree as follows:

### **1. DESIGNATED REPRESENTATIVE**

Philip Gaston at phone number 805-803-8776 is the representative of COUNTY and will administer this Agreement for and on behalf of COUNTY. Jeff Tawakoli at phone number 805-644-5100 is the authorized representative for CONTRACTOR. Changes in designated representatives shall be made only after advance written notice to the other party. The designated representative may also be referred to herein as the "Contract Administrator".

### **2. NOTICES**

Any notice or consent required or permitted to be given under this Agreement shall be given to the respective parties in writing, by personal delivery or facsimile, or with postage prepaid by first class mail, registered or certified mail, or express courier service, as follows:

To COUNTY: Philip Gaston, Public Works Transportation, 620 West Foster Rd. Santa Maria, CA, 93455  
To CONTRACTOR: Jeff Tawakoli, Twining Inc., 1868 Portola Road, Suite G, Ventura, CA 93003

or at such other address or to such other person that the parties may from time to time designate in accordance with this Notices section. If sent by first class mail, notices and consents under this section shall be deemed to be received five (5) days following their deposit in the U.S. mail. This Notices section shall not be construed as meaning that either party agrees to service of process except as required by applicable law.

### **3. SCOPE OF SERVICES**

CONTRACTOR agrees to provide services to COUNTY in accordance with EXHIBIT A attached hereto and incorporated herein by reference.

### **4. PERFORMANCE PERIOD**

A. This contract shall go into effect on May 19, 2021, contingent upon approval by COUNTY, and CONTRACTOR shall commence work after notification to proceed by COUNTY'S Contract Administrator. The contract shall end on June 30, 2024 unless extended by contract amendment or unless earlier terminated.

B. CONTRACTOR is advised that any recommendation for contract award is not binding on COUNTY until the contract is fully executed and approved by COUNTY.

Material Testing on FERNALD PT. LN. BR. NO. 51C-0362  
FEDERAL PROJECT NO. BRLO-5951(141)  
COUNTY PROJECT #862330

## **5. COMPENSATION OF CONTRACTOR**

In full consideration for CONTRACTOR's services, CONTRACTOR shall be paid for performance under this Agreement in accordance with the terms of EXHIBIT B attached hereto and incorporated herein by reference.

## **6. FEDERAL AND STATE PREVAILING WAGE RATES**

A. CONTRACTOR shall comply with the State of California's General Prevailing Wage Rate requirements in accordance with California Labor Code, Section 1770, and all Federal, State, and local laws and ordinances applicable to the work.

B. Any subcontract entered into as a result of this contract shall contain all of the provisions of this Article.

C. When prevailing wages apply to the services described in the scope of work, transportation and subsistence costs shall be reimbursed at the minimum rates set by the Department of Industrial Relations (DIR) as outlined in the applicable Prevailing Wage Determination. See <http://www.dir.ca.gov>.

D. No contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code § 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code § 1771.1(a)]; no contractor or subcontractor may be awarded a contract for public work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code § 1725.5; and this project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

## **7. COST PRINCIPLES AND ADMINISTRATIVE REQUIREMENTS**

A. CONTRACTOR agrees that the Contract Cost Principles and Procedures, 48 CFR, Federal Acquisition Regulations System, Chapter 1, Part 31.000 et seq., shall be used to determine the allowable cost(s) of individual items.

B. CONTRACTOR also agrees to comply with federal procedures in accordance with 2 CFR Part 200 Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Super or Omni Circular)

C. Any costs for which payment has been made to CONTRACTOR that are determined by subsequent audit to be unallowable under applicable Federal Regulations, are subject to repayment by CONTRACTOR to COUNTY.

D. All subcontracts shall contain the above provisions.

## **8. INDEPENDENT CONTRACTOR**

It is mutually understood and agreed that CONTRACTOR (including any and all of its officers, agents, and employees), shall perform all of its services under this Agreement as an independent contractor as to COUNTY and not as an officer, agent, servant, employee, joint venturer, partner, or associate of COUNTY. Furthermore, COUNTY shall have no right to control, supervise, or direct the manner or method by which CONTRACTOR shall perform its work and function. However, COUNTY shall retain the right to administer this Agreement so as to verify that CONTRACTOR is performing its obligations in accordance with the terms and conditions hereof. CONTRACTOR

understands and acknowledges that it shall not be entitled to any of the benefits of a COUNTY employee, including but not limited to vacation, sick leave, administrative leave, health insurance, disability insurance, retirement, unemployment insurance, workers' compensation and protection of tenure. CONTRACTOR shall be solely liable and responsible for providing to, or on behalf of, its employees all legally-required employee benefits. In addition, CONTRACTOR shall be solely responsible and save COUNTY harmless from all matters relating to payment of CONTRACTOR's employees, including compliance with Social Security withholding and all other regulations governing such matters. It is acknowledged that during the term of this Agreement, CONTRACTOR may be providing services to others unrelated to the COUNTY or to this Agreement.

## **9. STANDARD OF PERFORMANCE**

CONTRACTOR represents that it has the skills, expertise, and licenses/permits necessary to perform the services required under this Agreement. Accordingly, CONTRACTOR shall perform all such services in the manner and according to the standards observed by a competent practitioner of the same profession in which CONTRACTOR is engaged. All products of whatsoever nature, which CONTRACTOR delivers to COUNTY pursuant to this Agreement, shall be prepared in a manner consistent with the standards normally observed by a person practicing in CONTRACTOR's profession. CONTRACTOR shall correct or revise any errors or omissions, at COUNTY'S request without additional compensation. Permits and/or licenses shall be obtained and maintained by CONTRACTOR without additional compensation.

## **10. SUBCONTRACTING**

A. Nothing contained in this contract or otherwise, shall create any contractual relation between COUNTY and any subcontractor(s), and no subcontract shall relieve CONTRACTOR of its responsibilities and obligations hereunder. CONTRACTOR agrees to be as fully responsible to COUNTY for the acts and omissions of its subcontractor(s) and of persons either directly or indirectly employed by any of them as it is for the acts and omissions of persons directly employed by CONTRACTOR. CONTRACTOR's obligation to pay its subcontractor(s) is an independent obligation from COUNTY'S obligation to make payments to the CONTRACTOR.

B. CONTRACTOR shall perform the work contemplated with resources available within its own organization and no portion of the work pertinent to this contract shall be subcontracted without written authorization by COUNTY's Contract Administrator, except that, which is expressly identified in the approved Cost Proposal.

C. CONTRACTOR shall pay its subcontractors within ten (10) calendar days from receipt of each payment made to CONTRACTOR by COUNTY.

D. Any subcontract entered into as a result of this contract shall contain all the provisions stipulated in this contract to be applicable to subcontractors.

E. Any substitution of subcontractor(s) must be approved in writing by COUNTY's Contract Administrator prior to the start of work by the subcontractor(s).

## **11. SUBCONTRACTORS**

CONTRACTOR is authorized to subcontract work only with prior written authorization from the COUNTY. CONTRACTOR shall be fully responsible for all services performed by its subcontractor. CONTRACTOR shall secure from its subcontractor all rights for COUNTY in this Agreement, including audit rights. CONTRACTOR shall ensure subcontractor's compliance with California Labor Code, including but not limited to the payment of prevailing wage when required.

## **12. EQUIPMENT PURCHASES**

A. Prior authorization in writing, by COUNTY's Contract Administrator shall be required before CONTRACTOR enters into any unbudgeted purchase order, or subcontract exceeding \$5,000 for supplies, equipment, or CONTRACTOR services. CONTRACTOR shall provide an evaluation of the necessity or desirability of incurring such costs.

B. For purchase of any item, service or consulting work not covered in CONTRACTOR's Cost Proposal and exceeding \$5,000 prior authorization by COUNTY's Contract Administrator; three competitive quotations must be submitted with the request, or the absence of bidding must be adequately justified.

Any equipment purchased as a result of this contract is subject to the following: "CONTRACTOR shall maintain an inventory of all nonexpendable property. Nonexpendable property is defined as having a useful life of at least two years and an acquisition cost of \$5,000 or more. If the purchased equipment needs replacement and is sold or traded in, COUNTY shall receive a proper refund or credit at the conclusion of the contract, or if the contract is terminated, CONTRACTOR may either keep the equipment and credit COUNTY in an amount equal to its fair market value, or sell such equipment at the best price obtainable at a public or private sale, in accordance with established COUNTY procedures; and credit COUNTY in an amount equal to the sales price. If CONTRACTOR elects to keep the equipment, fair market value shall be determined at CONTRACTOR's expense, on the basis of a competent independent appraisal of such equipment. Appraisals shall be obtained from an appraiser mutually agreeable to by COUNTY and CONTRACTOR, if it is determined to sell the equipment, the terms and conditions of such sale must be approved in advance by COUNTY."

C. All subcontracts shall contain the above provisions.

## **13. DEBARMENT AND SUSPENSION**

A. CONTRACTOR's signature affixed herein shall constitute a certification under penalty of perjury under the laws of the State of California, that CONTRACTOR has complied with Title 2 CFR, Part 180, "OMB Guidelines to Agencies on Government wide Debarment and Suspension (nonprocurement)", which certifies that he/she or any person associated therewith in the capacity of owner, partner, director, officer, or manager, is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any federal agency; has not been suspended, debarred, voluntarily excluded, or determined ineligible by any federal agency within the past three (3) years; does not have a proposed debarment pending; and has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past three (3) years. Any exceptions to this certification must be disclosed to COUNTY.

B. Exceptions will not necessarily result in denial of recommendation for award, but will be considered in determining CONTRACTOR responsibility. Disclosures must indicate to whom exceptions apply, initiating agency, and dates of action.

C. Exceptions to the Federal Government Excluded Parties List System maintained by the General Services Administration are to be determined by the Federal Highway Administration.

D. CONTRACTOR's signature affixed herein shall constitute a certification under penalty of perjury under the laws of the State of California, which certifies that CONTRACTOR or any person associated therewith in the capacity of owner, partner, director, officer, or manager, is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility for participation in any state or local government agency contracts. CONTRACTOR certifies that it shall not contract with a subcontractor that is so debarred or suspended.

#### **14. TAXES**

CONTRACTOR shall pay all taxes, levies, duties, and assessments of every nature due in connection with any work under this Agreement and shall make any and all payroll deductions required by law. COUNTY shall not be responsible for paying any taxes on CONTRACTOR's behalf, and should COUNTY be required to do so by state, federal, or local taxing agencies, CONTRACTOR agrees to promptly reimburse COUNTY for the full value of such paid taxes plus interest and penalty, if any. These taxes shall include, but not be limited to, the following: FICA (Social Security), unemployment insurance contributions, income tax, disability insurance, and workers' compensation insurance.

#### **15. CONFLICT OF INTEREST**

A. CONTRACTOR shall disclose in writing any financial, business, or other relationship with COUNTY that may have an impact upon the outcome of this contract, or any ensuing COUNTY construction project. CONTRACTOR shall also list current clients who may have a financial interest in the outcome of this contract, or any ensuing COUNTY construction project, which will follow.

B. CONTRACTOR hereby certifies that it does not now have, nor shall it acquire any financial or business interest that would conflict with the performance of services under this contract.

C. Any subcontract entered into as a result of this contract, shall contain all of the provisions of this Section.

D. CONTRACTOR hereby certifies that neither CONTRACTOR, nor any firm affiliated with CONTRACTOR will bid on any construction contract, or on any contract to provide construction inspection for any construction project resulting from this contract. An affiliated firm is one, which is subject to the control of the same persons through joint-ownership, or otherwise.

E. Except for subcontractor whose services are limited to providing surveying or materials testing information, no subcontractor who has provided design services in connection with this contract shall be eligible to bid on any construction contract, or on any contract to provide construction inspection for any construction project resulting from this contract.

#### **16. OWNERSHIP OF DOCUMENTS AND INTELLECTUAL PROPERTY**

COUNTY shall be the owner of the following items incidental to this Agreement upon production, whether or not completed: all data collected, all documents of any type whatsoever, all photos, designs, sound or audiovisual recordings, software code, inventions, technologies, and other materials, and any material necessary for the practical use of such items, from the time of collection and/or production whether or not performance under this Agreement is completed or terminated prior to completion. CONTRACTOR shall not release any of such items to other parties except after prior written approval of COUNTY.

Unless otherwise specified in Exhibit A, CONTRACTOR hereby assigns to COUNTY all copyright, patent, and other intellectual property and proprietary rights to all data, documents, reports, photos, designs, sound or

audiovisual recordings, software code, inventions, technologies, and other materials prepared or provided by CONTRACTOR pursuant to this Agreement (collectively referred to as "Copyrightable Works and Inventions"). COUNTY shall have the unrestricted authority to copy, adapt, perform, display, publish, disclose, distribute, create derivative works from, and otherwise use in whole or in part, any Copyrightable Works and Inventions. CONTRACTOR agrees to take such actions and execute and deliver such documents as may be needed to validate, protect and confirm the rights and assignments provided hereunder. CONTRACTOR warrants that any Copyrightable Works and Inventions and other items provided under this Agreement will not infringe upon any intellectual property or proprietary rights of any third party. CONTRACTOR at its own expense shall defend, indemnify, and hold harmless COUNTY against any claim that any Copyrightable Works or Inventions or other items provided by CONTRACTOR hereunder infringe upon intellectual or other proprietary rights of a third party, and CONTRACTOR shall pay any damages, costs, settlement amounts, and fees (including attorneys' fees) that may be incurred by COUNTY in connection with any such claims. This Ownership of Documents and Intellectual Property provision shall survive expiration or termination of this Agreement.

### **17. NO PUBLICITY OR ENDORSEMENT**

CONTRACTOR shall not use COUNTY's name or logo or any variation of such name or logo in any publicity, advertising or promotional materials. CONTRACTOR shall not use COUNTY's name or logo in any manner that would give the appearance that the COUNTY is endorsing CONTRACTOR. CONTRACTOR shall not in any way contract on behalf of or in the name of COUNTY. CONTRACTOR shall not release any informational pamphlets, notices, press releases, research reports, or similar public notices concerning the COUNTY or its projects, without obtaining the prior written approval of COUNTY.

### **18. COUNTY PROPERTY AND INFORMATION**

All of COUNTY's property, documents, and information provided for CONTRACTOR's use in connection with the services shall remain COUNTY's property, and CONTRACTOR shall return any such items whenever requested by COUNTY and whenever required according to the Termination section of this Agreement. CONTRACTOR may use such items only in connection with providing the services. CONTRACTOR shall not disseminate any COUNTY property, documents, or information without COUNTY's prior written consent.

### **19. RETENTION OF RECORDS/AUDIT**

For the purpose of determining compliance with Public Contract Code 10115, et seq. and Title 21, California Code of Regulations, Chapter 21, Section 2500 et seq., when applicable and other matters connected with the performance of the contract pursuant to Government Code 8546.7; CONTRACTOR, subcontractors, and COUNTY shall maintain and make available for inspection all books, documents, papers, accounting records, and other evidence pertaining to the performance of the contract, including but not limited to, the costs of administering the contract. All parties shall make such materials available at their respective offices at all reasonable times during the contract period and for three years from the date of final payment under the contract. The state, State Auditor, COUNTY, FHWA, or any duly authorized representative of the Federal Government shall have access to any books, records, and documents of CONTRACTOR and its certified public accountants (CPA) work papers that are pertinent to the contract and indirect cost rates (ICR) for audit, examinations, excerpts, and transactions, and copies thereof shall be furnished if requested. Subcontracts shall contain this provision.

If federal, state or COUNTY audit exceptions are made relating to this Agreement, CONTRACTOR shall reimburse all costs incurred by federal, state, and/or COUNTY governments associated with defending against the audit exceptions or performing any audits or follow-up audits, including but not limited to: audit fees, court costs, attorneys' fees based upon a reasonable hourly amount for attorneys in the community, travel costs, penalty assessments and all other costs of whatever nature. Immediately upon notification from COUNTY, CONTRACTOR

shall reimburse the amount of the audit exceptions and any other related costs directly to COUNTY as specified by COUNTY in the notification.

## **20. AUDIT REVIEW PROCEDURES**

A. Any dispute concerning a question of fact arising under an interim or post audit of this contract that is not disposed of by agreement, shall be reviewed by COUNTY'S Deputy Director - Finance and Administration for Public Works.

B. Not later than 30 days after issuance of the final audit report, CONTRACTOR may request a review by COUNTY'S Chief Financial Officer of unresolved audit issues. The request for review will be submitted in writing.

C. Neither the pendency of a dispute nor its consideration by COUNTY will excuse CONTRACTOR from full and timely performance, in accordance with the terms of this contract.

D. CONTRACTOR and subcontractor contracts, including cost proposals and ICR, are subject to audits or reviews such as, but not limited to, a contract audit, an incurred cost audit, an ICR Audit, or a CPA ICR audit work paper review. If selected for audit or review, the contract, cost proposal and ICR and related work papers, if applicable, will be reviewed to verify compliance with 48 CFR, Part 31 and other related laws and regulations. In the instances of a CPA ICR audit work paper review it is CONTRACTOR'S responsibility to ensure federal, state, or local government officials are allowed full access to the CPA'S work papers including making copies as necessary. The contract, cost proposal, and ICR shall be adjusted by CONTRACTOR and approved by COUNTY contract manager to conform to the audit or review recommendations. CONTRACTOR agrees that individual terms of costs identified in the audit report shall be incorporated into the contract by this reference if directed by COUNTY at its sole discretion. Refusal by CONTRACTOR to incorporate audit or review recommendations, or to ensure that the federal, state or local governments have access to CPA work papers, will be considered a breach of contract terms and cause for termination of the contract and disallowance of prior reimbursed costs.

E. CONTRACTOR Cost Proposal is subject to a CPA ICR Audit Work Paper Review by Caltrans' Audit and Investigation (Caltrans). Caltrans, at its sole discretion, may review and/or audit and approve the CPA ICR documentation. The Cost Proposal shall be adjusted by the CONTRACTOR and approved by the COUNTY Contract Administrator to conform to the Work Paper Review recommendations included in the management letter or audit recommendations included in the audit report. Refusal by the CONTRACTOR to incorporate the Work Paper Review recommendations included in the management letter or audit recommendations included in the audit report will be considered a breach of the contract terms and cause for termination of the contract and disallowance of prior reimbursed costs.

- 1) During a Caltrans' review of the ICR audit work papers created by the CONTRACTOR'S independent CPA, Caltrans will work with the CPA and/or CONTRACTOR toward a resolution of issues that arise during the review. Each party agrees to use its best efforts to resolve any audit disputes in a timely manner. If Caltrans identifies significant issues during the review and is unable to issue a cognizant approval letter, COUNTY will reimburse the CONTRACTOR at a provisional ICR until a FAR compliant ICR {e.g. 48 CFR, part 31; GAGAS (Generally Accepted Auditing Standards); CAS (Cost Accounting Standards), if applicable; in accordance with procedures and guidelines of the American Association of State Highways and Transportation Officials Audit Guide; and other applicable procedures and guidelines} is received and approved by the Department of Audits & Investigations. Provisional rates will be as follows:
  - a) If the proposed rate is less than 150% - the provisional rate reimbursed will be 90% of the proposed rate.
  - b) If the proposed rate is between 150% and 200% - the provisional rate will be 85% of the proposed rate.

- c) If the proposed rate is greater than 200% - the provisional rate will be 75% of the proposed rate.
- 2) If Caltrans is unable to issue a cognizant letter per paragraph E.1. above, Caltrans may require CONTRACTOR to submit a revised independent CPA-audited ICR and audit report within three (3) months of the effective date of the management letter. Caltrans will then have up to six (60 months to review the CONTRACTOR's and/or the independent CPA's revisions.
- 3) If the CONTRACTOR fails to comply with the provisions of this Section E, or if Caltrans is still unable to issue a cognizant approval letter after the revised independent CPA-audited ICR is submitted, overhead cost reimbursement will be limited to the provisional ICR that was established upon initial rejection of the ICR and set forth in paragraph E.1. above for all rendered services. In this event, this provisional ICR will become the actual and final ICR for reimbursement purposes under this contract.
- 4) CONTRACTOR may submit to COUNTY final invoice only when all of the following items have occurred: (1) Caltrans approves or rejects the original or revised independent CPA-audited ICR; (2) all work under this contract has been completed to the satisfaction of LOCAL GAENCY; and, (3) Caltrans has issued its final ICR review letter. The CONTRACTOR MUST SUBMIT ITS FINAL INVOICE TO COUNTY no later than 60 days after occurrence of the last of these items.

The provisional ICR will apply to this contract and all other contracts executed between COUNTY and the CONTRACTOR, either as a prime or subcontractor, with the same fiscal period ICR.

## **21. INDEMNIFICATION AND INSURANCE**

CONTRACTOR agrees to the indemnification and insurance provisions as set forth in EXHIBIT C attached hereto and incorporated herein by reference.

## **22. NONDISCRIMINATION**

A. COUNTY hereby notifies CONTRACTOR that COUNTY's Unlawful Discrimination Ordinance (Article XIII of Chapter 2 of the Santa Barbara County Code) applies to this Agreement and is incorporated herein by this reference with the same force and effect as if the ordinance were specifically set out herein and CONTRACTOR agrees to comply with said ordinance.

### **B. STATEMENT OF COMPLIANCE:**

1. CONTRACTOR's signature affixed herein, and dated, shall constitute a certification under penalty of perjury under the laws of the State of California that CONTRACTOR has, unless exempt, complied with, the nondiscrimination program requirements of Government Code Section 12990 and Title 2, California Administrative Code, Section 8103.

2. During the performance of this Contract, CONTRACTOR and its subcontractors shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, physical disability (including HIV and AIDS), mental disability, medical condition (e.g., cancer), age (over 40), marital status, and denial of family care leave. CONTRACTOR and subcontractors shall insure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment. CONTRACTOR and subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Gov. Code §12990 (a-f) et seq.) and the applicable regulations promulgated there under (California Code of Regulations, Title 2, Section 7285 et seq.). The applicable regulations of the Fair Employment and Housing



Commission implementing Government Code Section 12990 (a-f), set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations, are incorporated into this Contract by reference and made a part hereof as if set forth in full. CONTRACTOR and its subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other Agreement.

3. The CONTRACTOR shall comply with regulations relative to Title VI (nondiscrimination in federally-assisted programs of the Department of Transportation – Title 49 Code of Federal Regulations, Part 21 - Effectuation of Title VI of the 1964 Civil Rights Act). Title VI provides that the recipients of federal assistance will implement and maintain a policy of nondiscrimination in which no person in the state of California shall, on the basis of race, color, national origin, religion, sex, age, disability, be excluded from participation in, denied the benefits of or subject to discrimination under any program or activity by the recipients of federal assistance or their assignees and successors in interest.

4. The CONTRACTOR, with regard to the work performed by it during the Agreement shall act in accordance with Title VI. Specifically, the CONTRACTOR shall not discriminate on the basis of race, color, national origin, religion, sex, age, or disability in the selection and retention of Subcontractors, including procurement of materials and leases of equipment. The CONTRACTOR shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the U.S. DOT's Regulations, including employment practices when the Agreement covers a program whose goal is employment.

### **23. REBATES, KICKBACKS OR OTHER UNLAWFUL CONSIDERATION**

CONTRACTOR warrants that this contract was not obtained or secured through rebates, kickbacks or other unlawful consideration, either promised or paid to any COUNTY employee. For breach or violation of this warranty, COUNTY shall have the right in its discretion; to terminate the contract without liability; to pay only for the value of the work actually performed; or to deduct from the contract price; or otherwise recover the full amount of such rebate, kickback or other unlawful consideration.

### **24. PROHIBITION OF EXPENDING COUNTY, STATE OR FEDERAL FUNDS FOR LOBBYING**

A. CONTRACTOR certifies to the best of his or her knowledge and belief that:

1. No state, federal or COUNTY appropriated funds have been paid, or will be paid by-or-on behalf of CONTRACTOR to any person for influencing or attempting to influence an officer or employee of any state or federal agency; a Member of the State Legislature or United States Congress; an officer or employee of the Legislature or Congress; or any employee of a Member of the Legislature or Congress, in connection with the awarding of any state or federal contract; the making of any state or federal grant; the making of any state or federal loan; the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any state or federal contract, grant, loan, or cooperative agreement.

2. If any funds other than federal appropriated funds have been paid, or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency; a Member of Congress; an officer or employee of Congress, or an employee of a Member of Congress; in connection with this federal contract, grant, loan, or cooperative agreement; CONTRACTOR shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions.

B. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into

this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

C. CONTRACTOR also agrees by signing this document that he or she shall require that the language of this certification be included in all lower-tier subcontracts which exceed \$100,000, and that all such sub recipients shall certify and disclose accordingly.

**25. CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT.**

CONTRACTOR shall comply with all applicable standards, orders, or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q.) and pursuant to the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251-1387). The CONTRACTOR shall promptly disclose, in writing, to the COUNTY office, to the Federal Awarding Agency, and to the Regional Office of the Environmental Protection Agency (EPA), whenever, in connection with the award, performance, or closeout of this contract or any subcontract thereunder, the Contractor has credible evidence that a principal, employee, agent, or subcontractor of the Contractor has committed a violation of the Clean Air Act (42 U.S.C. 7401-7671q.) or the Federal Water Pollution Control Act (33 U.S.C. 1251-1387).

**26. PROCUREMENT OF RECOVERED MATERIALS**

CONTRACTOR must comply with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

**27. NONEXCLUSIVE AGREEMENT**

CONTRACTOR understands that this is not an exclusive Agreement and that COUNTY shall have the right to negotiate with and enter into contracts with others providing the same or similar services as those provided by CONTRACTOR as the COUNTY desires.

**28. NON-ASSIGNMENT**

CONTRACTOR shall not assign, transfer or subcontract this Agreement or any of its rights or obligations under this Agreement without the prior written consent of COUNTY and any attempt to so assign, subcontract or transfer without such consent shall be void and without legal effect and shall constitute grounds for termination.

**29. TERMINATION**

A. COUNTY reserves the right to terminate this contract for convenience upon thirty (30) calendar days written notice to CONTRACTOR with the reasons for termination stated in the notice. During the thirty (30) day period, CONTRACTOR shall, as directed by COUNTY, wind down and cease its services as quickly and efficiently as reasonably possible, without performing unnecessary services or activities and by minimizing negative effects on COUNTY from such winding down and cessation of services.

B. COUNTY may terminate this contract with CONTRACTOR should CONTRACTOR fail to perform the covenants herein contained at the time and in the manner herein provided. In the event of such termination, COUNTY may proceed with the work in any manner deemed proper by COUNTY. If COUNTY terminates this contract with CONTRACTOR, COUNTY shall pay CONTRACTOR the sum due to CONTRACTOR under this contract prior to

termination, unless the cost of completion to COUNTY exceeds the funds remaining in the contract. In which case the overage shall be deducted from any sum due CONTRACTOR under this contract and the balance, if any, shall be paid to CONTRACTOR upon demand.

C. Should COUNTY fail to pay CONTRACTOR all or any part of the payment set forth in EXHIBIT B, CONTRACTOR may, at CONTRACTOR's option, terminate this Agreement if such failure is not remedied by COUNTY within thirty (30) days of written notice to COUNTY of such late payment.

D. The maximum amount for which the COUNTY shall be liable if this contract is terminated is \$64,758 dollars.

E. Upon termination, CONTRACTOR shall deliver to COUNTY all data, estimates, graphs, summaries, reports, and all other property, records, documents or papers as may have been accumulated or produced by CONTRACTOR in performing this Agreement, whether completed or in process, except such items as COUNTY may, by written permission, permit CONTRACTOR to retain. CONTRACTOR shall furnish to COUNTY such financial information as in the judgment of COUNTY is necessary to determine the reasonable value of the services rendered by CONTRACTOR. In the event of a dispute as to the reasonable value of the services rendered by CONTRACTOR, the decision of COUNTY shall be final. The foregoing is cumulative and shall not affect any right or remedy which COUNTY may have in law or equity.

### **30. SECTION HEADINGS**

The headings of the several sections, and any Table of Contents appended hereto, shall be solely for convenience of reference and shall not affect the meaning, construction or effect hereof.

### **31. SEVERABILITY**

If any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, then such provision or provisions shall be deemed severable from the remaining provisions hereof, and such invalidity, illegality or unenforceability shall not affect any other provision hereof, and this Agreement shall be construed as if such invalid, illegal or unenforceable provision had never been contained herein.

### **32. REMEDIES NOT EXCLUSIVE**

No remedy herein conferred upon or reserved to COUNTY is intended to be exclusive of any other remedy or remedies, and each and every such remedy, to the extent permitted by law, shall be cumulative and in addition to any other remedy given hereunder or now or hereafter existing at law or in equity or otherwise.

### **33. TIME IS OF THE ESSENCE**

Time is of the essence in this Agreement and each covenant and term is a condition herein.

### **34. NO WAIVER OF DEFAULT**

No delay or omission of COUNTY to exercise any right or power arising upon the occurrence of any event of default shall impair any such right or power or shall be construed to be a waiver of any such default or an acquiescence therein; and every power and remedy given by this Agreement to COUNTY shall be exercised from time to time and as often as may be deemed expedient in the sole discretion of COUNTY.

### **35. ENTIRE AGREEMENT AND AMENDMENT**

In conjunction with the matters considered herein, this Agreement contains the entire understanding and agreement of the parties and there have been no promises, representations, agreements, warranties or undertakings by any of the parties, either oral or written, of any character or nature hereafter binding except as set forth herein. This Agreement may be altered, amended or modified only by an instrument in writing, executed by the parties to this Agreement and by no other means. Each party waives their future right to claim, contest or assert that this Agreement was modified, canceled, superseded, or changed by any oral agreements, course of conduct, waiver or estoppel.

### **36. IMMATERIAL CHANGES**

CONTRACTOR and COUNTY agree that immaterial changes to this Agreement such as time frame and mutually agreeable work program changes which will not result in a change to the total contract amount or to the scope of the Statement of Work may be authorized by the Public Works Director, or designee in writing, and will not constitute an amendment to the Agreement.

### **37. SUCCESSORS AND ASSIGNS**

All representations, covenants and warranties set forth in this Agreement, by or on behalf of, or for the benefit of any or all of the parties hereto, shall be binding upon and inure to the benefit of such party, its successors and assigns.

### **38. COMPLIANCE WITH LAW**

CONTRACTOR shall, at its sole cost and expense, comply with all County, State and Federal ordinances and statutes now in force or which may hereafter be in force with regard to this Agreement. The judgment of any court of competent jurisdiction, or the admission of CONTRACTOR in any action or proceeding against CONTRACTOR, whether COUNTY is a party thereto or not, that CONTRACTOR has violated any such ordinance or statute, shall be conclusive of that fact as between CONTRACTOR and COUNTY.

### **39. CALIFORNIA LAW AND JURISDICTION**

This Agreement shall be governed by the laws of the State of California. Any litigation regarding this Agreement or its contents shall be filed in the County of Santa Barbara, if in state court, or in the federal district court nearest to Santa Barbara County, if in federal court.

### **40. EXECUTION OF COUNTERPARTS**

This Agreement may be executed in any number of counterparts and each of such counterparts shall for all purposes be deemed to be an original; and all such counterparts, or as many of them as the parties shall preserve undestroyed, shall together constitute one and the same instrument.

### **41. AUTHORITY**

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

**42. SURVIVAL**

All provisions of this Agreement which by their nature are intended to survive the termination or expiration of this Agreement shall survive such termination or expiration.

**43. PRECEDENCE**

In the event of conflict between the provisions contained in the numbered sections of this Agreement and the provisions contained in the Exhibits, the provisions of the Exhibits shall prevail over those in the numbered sections.

Agreement for Services Independent Contractor between the County of Santa Barbara and Twining, Inc.

**IN WITNESS WHEREOF**, the parties have executed this Agreement to be effective on the date executed by COUNTY.

**CONTRACTOR:**

Twining, Incorporated

By:   
Authorized Representative

Name: Steve Schiffer

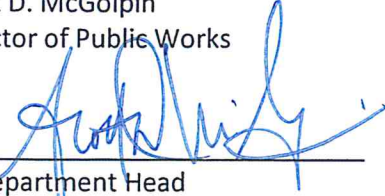
Title: Senior Vice President

## COUNTY SIGNATURE PAGE

Agreement for services and work to be performed by Contractor between the County and Contractor.  
 IN WITNESS WHEREOF, the parties have executed this Agreement to be effective on the date executed by  
 County.

**RECOMMENDED FOR APPROVAL:**

Scott D. McGolpin  
 Director of Public Works

By:   
 Department Head

**COUNTY OF SANTA BARBARA:**

By: \_\_\_\_\_  
 Bob Nelson Chair, Board of Supervisors

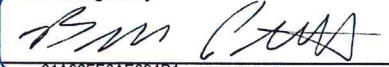
**ATTEST:**

Mona Miyasato  
 County Executive Officer  
 Clerk of the Board

By: \_\_\_\_\_  
 Deputy Clerk

**APPROVED AS TO FORM:**

Michael C. Ghizzoni  
 County Counsel

DocuSigned by:  
  
 By: \_\_\_\_\_  
 Deputy County Counsel


**APPROVED AS TO FORM:**

Ray Aromatorio  
 Risk Manager

DocuSigned by:  
  
 By: \_\_\_\_\_  
 Risk Management

**APPROVED AS TO ACCOUNTING FORM:**

Betsy M. Schaffer  
 Auditor-Controller

DocuSigned by:  
  
 By: \_\_\_\_\_  
 Deputy

Fiscal Responsibility: \_\_\_\_\_

Department	Division	Subdivision	Program	Organization Unit	Fund	Account	Area

**EXHIBIT A**

**STATEMENT OF WORK**

Twining Inc. shall perform quality assurance material testing required for the Fernald Point Lane Bridge Replacement project in accordance with the attached Proposal dated June 4, 2020, Attachment 1. Twining Inc. and their listed subcontractors shall be the individual(s) personally responsible for providing all services hereunder. CONTRACTOR may not substitute other persons without the prior written approval of COUNTY's designated representative.

Suspension for Convenience. COUNTY may, without cause, order CONTRACTOR in writing to suspend, delay, or interrupt the services under this Agreement in whole or in part for up to 30 days. COUNTY shall incur no liability for suspension under this provision and suspension shall not constitute a breach of this Agreement.

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## EXHIBIT B

### PAYMENT ARRANGEMENTS

#### Cost per Unit of Work

A. The method of payment for the following items shall be at the rate specified for each item, as described in Attachment 2. The specified rate shall include full compensation to CONTRACTOR for the item as described, including but not limited to, any repairs, maintenance, or insurance, and no further compensation will be allowed therefore.

B. The specified rate to be paid for vehicle expense for CONTRACTOR's field personnel shall be as shown in the approved Cost Proposal, Attachment 2. This rate shall be for a fully equipped vehicle, with radio and flashing yellow light (if needed), as specified in Exhibit A, Statement of Work.

C. The specified rate to be paid for equipment for CONTRACTOR shall be, as listed in the Cost Proposal, Attachment 2.

D. The method of payment for this contract, except those items to be paid for on a specified rate basis, will be based on cost per unit of work. COUNTY will reimburse CONTRACTOR for actual costs (including labor costs, employee benefits, travel, equipment-rental costs, overhead and other direct costs) incurred by CONTRACTOR in performance of the work. CONTRACTOR will not be reimbursed for actual costs that exceed the estimated wage rates, employee benefits, travel, equipment rental, overhead and other estimated costs set forth in the approved Cost Proposal, unless additional reimbursement is provided for, by contract amendment. In no event, will CONTRACTOR be reimbursed for overhead costs at a rate that exceeds COUNTY approved overhead rate set forth in the approved Cost Proposal. In the event, COUNTY determines that changed work from that specified in the approved Cost Proposal and contract is required; the actual costs reimbursable by COUNTY may be adjusted by contract amendment to accommodate the changed work. The maximum total cost as specified in Paragraph "I," shall not be exceeded unless authorized by contract amendment.

E. Reimbursement for transportation and subsistence costs shall not exceed the rates specified in the approved Cost Proposal.

F. When milestone cost estimates are included in the approved Cost Proposal, CONTRACTOR shall obtain prior written approval for a revised milestone cost estimate from the Contract Administrator before exceeding such cost estimate.

G. Progress payments will be made monthly in arrears based on services provided and allowable incurred costs. If CONTRACTOR fails to submit the required deliverable items according to the schedule set forth in the Statement of Work, COUNTY shall have the right to delay payment or terminate this Contract in accordance with the provisions of Section 28, Termination.

H. No payment will be made prior to approval of any work, nor for any work performed prior to approval of this contract.



I. CONTRACTOR will be reimbursed, as promptly as fiscal procedures will permit upon receipt by COUNTY's Contract Administrator of itemized invoices. Invoices shall be submitted no later than 45 calendar days after the performance of work for which CONTRACTOR is billing. Invoices shall detail the work performed on each milestone and each project as applicable. Invoices shall follow the format stipulated for the approved Cost Proposal and shall reference this contract number and project title. Final invoice must contain the final cost and all credits due COUNTY including any equipment purchased under the provisions of Section 11 Equipment Purchase of this contract. The final invoice should be submitted within 60 calendar days after completion of CONTRACTOR's work. Invoices shall be mailed to COUNTY's Contract Administrator at the following address:

Philip Gaston, Public Works Transportation, 620 West Foster Rd. Santa Maria, CA, 93455

J. The total amount payable by shall not exceed \$64,758.

K. For personnel subject to prevailing wage rates as described in the California Labor Code, all salary increases, which are the direct result of changes in the prevailing wage rates are reimbursable.

L. All subcontracts shall contain the above provisions.

County of Santa Barbara  
Fernald Point Lane Bridge Replacement at Romero Creek  
Bridge No. 51C-0362  
Federal Project No. Brlo-5951(141)  
County Project No. 862330



**TWINING**  
Engineering a Better Tomorrow



1879 Portola Road, Suite G  
Ventura CA 93003

Tel 805.644.5100  
Fax 562.426.6424

June 4, 2020  
Proposal No.: 20-1246  
Mr. Philip Gaston, PE  
County of Santa Barbara  
Public Works Department  
123 East Anapamu Street  
Santa Barbara, CA 93101

**SUBJECT: Proposal for Materials Testing Services for Fernald Point Lane Bridge Replacement at Romero Creek**

Dear Mr. Gaston:

Twining, Inc. (Twining) is pleased to present this proposal to provide materials testing services for the Fernald Point Lane Bridge Replacement at Romero Creek project. We have worked successfully with the County of Santa Barbara (County) since 2015 and look forward to continuing our positive relationship.

**Project Understanding.** We understand that this project includes a temporary steel bridge structure and roadway detour at the initial stage, for which welding inspection may be required. Subsequent stages include bridge removal and new bridge construction requiring structural concrete sampling and testing, rebar sampling and testing, and compaction testing of structure backfill and subgrade. Finish base and paving will require sampling and testing near project completion.

Twining will be tasked with performing quality assurance material sampling and testing on materials to be incorporated into this project. The required sampling and testing will be ordered by the Engineer on an as needed basis in conjunction with the construction contractor's schedule.

**Familiarity with the County.** Twining has served your County for years providing material testing and inspection services which are similar to the services within this contact. Our history within the County, extensive knowledge of the area, and deep understanding of the community assure a seamless integration between our team and the County.

**Twining has current bridge project experience in local Cities and Counties.** Twining has over 20 years' experience providing professional services on more than 175 bridge projects throughout the state, with over 30 of them being bridge replacements. Our demonstrated experience is evidence of the efficiency with which our team operates, and the expertise of our professional staff and large pool of technicians.

We would like to thank you for inviting us to present this proposal. Our understanding of the County and experience providing services on similar projects make us a valuable member for your project team. Should you have any questions related to this proposal, please contact Jeff Tawakoli by phone at 805.655.5100 or by email at [jtawakoli@twininginc.com](mailto:jtawakoli@twininginc.com).

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Tawakoli', with a stylized flourish at the end.

Jeff Tawakoli, PE  
Ventura Branch Manager

# **Experience Narrative**

# EXPERIENCES WITH BRIDGES

Twining is an industry leader in providing materials testing, construction inspection, and soils and geotechnical engineering design services to municipalities/agencies responsible for various types of bridges. Twining brings value to our clients' bridge projects by providing engineering recommendations during design and providing expert personnel with specific knowledge in materials and structures relevant to bridge construction. The following is a list of some of the notable bridge projects we have worked on:

- » Gerald Desmond Bridge, Long Beach, CA
- » Lost Hill Road Bridge Interchange, Calabasas, CA
- » Newhall Ranch Road Bridge Widening, Santa Clarita, CA
- » Palo Comado Bridge Widening, Agoura Hills, CA
- » San Francisco-Oakland Bay Bridge, Oakland, CA
- » Los Angeles Airport Bridge at Terminal 3, Los Angeles, CA
- » Harbor Drive Pedestrian Bridge, San Diego, CA
- » State Route 47 Bridge, Long Beach, CA
- » Henry Ford (Badger Avenue) Bridge, Los Angeles, CA
- » Bolsa Chica Lowlands Bridge Restoration, Huntington Beach, CA
- » Rio Hondo College, Pedestrian Bridge, Whittier, CA
- » Victoria Avenue Bridge, Riverside, CA
- » Route 86 Bridge Repair, Central Canal, CA
- » Richmond-San Rafael Bridge, Richmond, CA
- » Lake Hodges Bicycle/Pedestrian Bridge Phase II, San Diego, CA
- » Camp Bloomfield Bridge Investigations, Malibu, CA
- » Pier 400 Pedestrian Bridge, Long Beach, CA
- » Eisenhower Park Bridge Replacement, Orange, CA
- » Camino Ruiz Bridge, San Diego, CA
- » West Creek Pedestrian Bridge, Valencia, CA
- » Santa Maragrita Bridge and Second Track, San Diego, CA
- » Lost Hill Road Bridge Interchange, Calabasas, CA
- » Winding Way Chicago Creek Bridge Replacement, Sacramento, CA
- » BNSF Victorville Bridge Replacement Project, Victorville, CA
- » Del Mar Bridge Replacement, San Gabriel, CA
- » Gutierrez Street Bridge Replacement, Santa Barbara, CA
- » National Trails Highway Bridge Replacement, Oro Grande, CA
- » Shoemaker Bridge Replacement, Long Beach, CA
- » I-10 Pepper Ave Bridge Replacement, Bloomington, CA
- » Cathedral Oaks Bridge Replacement, Goleta, CA
- » Schuyler Heim Bridge Replacement, Wilmington, CA
- » North Spring Street Bridge Phase II, Los Angeles, CA

# PROJECT EXPERIENCE

## City of Calabasas, Lost Hill Road Bridge Interchange



APWA 2019 Traffic, Mobility and Beautification Award

This project increased the bridge width from two to five lanes and rerouted the left turn traffic to a loop on-ramp. The new bridge also added two bike lanes and a pedestrian sidewalk. The bridge was elevated four feet to meet Caltrans height requirements, with added width to allow for the future improvements of the 101 to add HOV lanes. Twining, working with Parsons Transportation Group, provided construction materials testing and inspection for the roadway excavation, structural excavation, embankments, aggregate base, aggregate subbase, structural backfill, lean concrete base for the pavement structural section, portland cement concrete for the bridge, retaining walls, sound walls, and foundations, hot mix asphalt and RHMA-G, structural steel, and non destructive testing on all welds. We also performed all required laboratory testing.

## City of Santa Clarita, Newhall Ranch Road Bridge Widening



APWA 2019 Transportation Award

The City of Santa Clarita recently widened the Newhall Ranch Road Bridge over San Francisquito Creek to four lanes in each direction with a raised median, barrier protected raised sidewalk on the north side, and barrier protected sidewalk and multi-use path on the south side. Twining was selected to provide quality assurance construction materials testing and inspection services along with geotechnical support in accordance with the 2015 edition of Caltrans Construction Manual for bridge and retaining walls, the Public Works Construction Green Book for all other work, and the City's QAP. The City has utilized our certified Caltrans Accepted Testing laboratory and assigned personnel for all materials testing. Inspections included roadway subgrade, retaining walls, and structural backfills and special Inspection for welding, structural steel fabrication, and erection (including high strength bolt installation).

## City of Agoura Hills, Palo Comado Bridge Widening



As part of the City's continued efforts to improve vehicular traffic flow affecting local residents, business, and regional visitors the City has completed the design and approval process to enhance the bridge, off ramps, and surrounding area at the U.S. 101/Palo Comado Canyon Road Interchange at Chesebro Road. The project includes will include widening the existing overcrossing from 40 feet to 76 feet to accommodate one travel lane in each direction and a left-turn lane onto the northbound ramp of the U.S. 101, constructing sidewalks, installing a signal on the northbound offramp, making seismic improvements and incorporating aesthetic enhancements. Twining is providing testing and inspection services for soils, asphalt, and concrete.

# **Staff Available for Assignment**



# PAUL SOLTIS

## PE, GE, Project Executive, Senior Geotechnical Engineer

### Professional Summary

Paul Soltis, PE, GE, brings more than 28 years of technical expertise to Twining. His experience includes geotechnical investigations and analyses of roads, bridges, highways, and other California infrastructure projects. His focus is on interaction with the design team during development of construction documents to achieve the most appropriate foundation type and most efficient site preparation techniques. Paul has extensive on-call contract management experience and the proven ability to simultaneously maintain and manage multiple projects. Paul is responsible for the technical oversight of the firm's geotechnical projects and management of the firm's geotechnical personnel.

### Relevant Experience

#### Overview

- » Years' Experience: 1992 - Present

#### Education

- » MS Geotechnical Engineering  
University of Colorado, Boulder
- » BS Civil Engineering  
California Polytechnic State University,  
San Luis Obispo

#### Current Licenses Held

- » Professional Civil Engineer, California PE  
56140
- » Professional Geotechnical Engineer,  
California GE 2606

#### HDR Engineering, Shoemaker Bridge Replacement

Shoemaker Bridge is an extension of Shoreline Drive in Long Beach that traverses the Los Angeles River. Paul is serving as Geotechnical Engineer of Record during the design of the bridge. The scope of work includes drilling several deep borings and cone penetration tests (CPT), up to 200 feet deep, in the river using an amphibious carrier with drill rig and CPT device. Samples and information from the borings and CPTs will be used to develop deep foundation recommendations for support of abutments and the bridge span over the river. Additional borings and CPTs on the land side will be performed to develop geotechnical recommendations for retaining walls and new pavements.

#### City of Simi Valley, Cochran Street Bridge Widening

Paul provided senior geotechnical engineering oversight during the design of the bridge widening at the Lajas Creek overcrossing. Twining provided geotechnical field investigation in support of the design of bridge foundations consisting of cast-in-drilled-hole (CIDH) piles. The work was performed for the City of Simi Valley utilizing Caltrans design and construction standards. The investigation was performed in limited access conditions with the presence of active traffic and required coordination with the County of Ventura Flood Control District.

# JEFF TAWAKOLI

## PE, Project Manager

### Professional Summary

Jeff Tawakoli, PE, is a professional engineer with over 31 years of experience in geotechnical and construction materials engineering, Jeff's areas of expertise include subsurface investigation, engineering analysis, preparation of soils reports, building and roadway inspection program management and engineering, project management, and geotechnical engineer for bridges, commercial, industrial, military facilities, roadways, and mid-rise buildings.

### Relevant Experience

#### Overview

- » Years' Experience: 1988 – Present

#### Education

- » BS Civil Engineering  
University of Utah

#### Current Licenses Held

- » Professional Civil Engineer, California PE 51883
- » ICC Reinforced Concrete
- » ICC Structural Masonry
- » ICC Fireproofing

#### City of Calabasas, Lost Hill Road Bridge Interchange

This project included increasing the bridge width from two to five lanes and rerouting the left turn traffic to a loop on-ramp. The new bridge also added two bike lanes and a pedestrian sidewalk. The bridge was elevated four feet to meet Caltrans height requirements, with added width to allow for the future improvements of the 101 to add HOV lanes. Jeff served as the project manager, overseeing the delivery all of our services, dispatching inspectors, reviewing all reports, and acting as the single point of contact for the project team.

#### City of Santa Clarita, Newhall Ranch Road Bridge Widening

The City of Santa Clarita recently widened the Newhall Ranch Road Bridge over San Francisquito Creek to four lanes in each direction with a raised median, barrier protected raised sidewalk on the north side, and barrier protected sidewalk and multi-use path on the south side. Twining was selected to provide quality assurance construction materials testing and inspection services along with geotechnical support in accordance with the 2015 edition of Caltrans Construction Manual for bridge and retaining walls, the Public Works Construction Green Book for all other work, and the City's QAP. Jeff served as the project manager, overseeing the delivery all of our services, dispatching inspectors, reviewing all reports, and acting as the single point of contact for the project team.

# LIANGCAI HE

## PE, GE, Chief Geotechnical Engineer

### Professional Summary

Dr. Liangcai He, PE, GE, brings over 28 years of experience to Twining. Liangcai has extensive experience in project planning and management, proposals, cost estimating, field investigation, laboratory testing, engineering analyses, report preparation, plan review, and construction monitoring. Liangcai has published numerous technical papers and has peer reviewed for the Journal of Earthquake Engineering, Canadian Geotechnical Journal, Journal of Soil Dynamics and Earthquake Engineering, IACGE International Conference on Geotechnical and Earthquake Engineering, and GeoHunan International Conference. He has been awarded the title of Outstanding Reviewer by the Journal of Soil Dynamics and Earthquake Engineering.

### Relevant Experience

#### Overview

- » Years' Experience: 1991 – Present

#### Education

- » PhD Structural Engineering with an emphasis in Geotechnical Engineering  
University of California, San Diego
- » MS Civil and Structural Engineering with an emphasis in Geotechnical Engineering  
Nanyang Technological University, Singapore
- » BS Hydraulic and Hydropower Engineering,  
Tsinghua University, China

#### Current Licenses Held

- » Professional Civil Engineer, California PE  
C73280
- » Professional Geotechnical Engineer,  
California GE 3033

#### P-159 Operations Access Points at Red Beach, Camp Pendleton

This 2018 joint United States Army Corps of Engineers, Caltrans, and North County Transit District project at Marine Corps Base Camp Pendleton, consisted of the widening and remediation of an existing roadway that provides access to Red Beach. An existing railroad bridge was demolished and replaced with a two-span steel girder bridge. The project also added new retaining walls, associated site work, drainage, and shoring. Twining's scope of services on this federally funded project includes providing geotechnical soils testing and quality assurance services. Liangcai is serving as the chief geotechnical engineer.

#### City of Long Beach, Retaining Wall Failure at Corner of 1st & Alboni

The Public Works Engineering Bureau of the City of Long Beach is setting up K-Rails along First Street and N Alboni Place to control the distance from traffic to the failed wall to reduce traffic-induced loads on the wall. Twining provided a geotechnical study for the failed retaining wall. The purpose of the study was to provide recommendations for a minimum K-Rail setback to minimize traffic-induced loads on the failed wall. Liangcai served as the project manager.

# AMIR GHAVIBAZOO

PhD, Pavement Expert

## Professional Summary

Dr. Amir Ghavibazoo is Twining's Director of Asphalt Engineering and Pavement Design. He directs and works on pavement design, highway design, and engineering specifications. He joined Twining in 2014 after completing graduate studies with a focus on Pavement Management Systems (MicroPaver), pavement evaluation, and pavement rehabilitation strategies. He is experienced in calculating Pavement Condition Index (PCI) through visual inspection following the United States Army Corps of Engineers' methodology as well as conducting Life Cycle Cost Analysis (LCCA) rehabilitation strategies for pavements.

## Relevant Experience

### Overview

- » Years' Experience: 2014 - Present

### Education

- » PhD, Civil and Environmental Engineering  
North Dakota State University
- » MS, Railways Engineering  
Iran University of Science and Technology,  
Tehran, Iran
- » BS, Industrial Engineering  
University of Technology, Tehran, Iran

### City of Claremont, Foothill Boulevard Improvement

Twining performed pavement evaluation on approximately four lane miles of Foothill Boulevard to recommend repair and rehabilitation strategies for the pavement at the project level. Amir served as Senior Pavement Engineer, coordinating the required testing and preparing the final recommendation and design. Several alternative options were provided to the City included mill and overlay, Cold in-place recycling, reconstruction, and soil stabilization.

### City of Long Beach, Studebaker Road Pavement Evaluation

Serving as pavement engineer, Amir performed pavement evaluation on 0.5 mile stretch of Studebaker Road. The surface condition assessment was performed following the Caltrans Flexible Pavement Rehabilitation Manual. Also, boring and coring were performed to investigate the subsurface condition of the road. Based on collected information, different rehabilitation strategies were calculated and recommended to the City of Long Beach, including Cold In-place Recycled Asphalt Concrete Pavement and Cement Stabilized Pulverized Base.

# STEVE COLDIRON

## Inspector

### Professional Summary

Steve is a Journeyman Inspector in the Operating Engineers Local 12 Union. Steve's training encompasses all aspects of testing and inspection. Since joining Twining in 2015, Steve has had the opportunity to work on various types of projects including public works infrastructure projects throughout the County of Ventura and is familiar with local regulations.

### Relevant Experience

#### Overview

- » Years' Experience: 2014 - Present

#### Current Licenses Held

- » ACI Concrete Field Testing Technician
- » ICC Concrete
- » ICC Masonry
- » ICC Soils
- » Caltrans Certifications: 125, 231, 504, 518, 539, 540, 556, & 557
- » OSHA Safety 10 Hour

#### City of Calabasas, Lost Hill Road Bridge Interchange

This project included increasing the bridge width from two to five lanes and rerouting the left turn traffic to a loop on-ramp. The new bridge also added two bike lanes and a pedestrian sidewalk. The bridge was elevated four feet to meet Caltrans height requirements, with added width to allow for the future improvements of the 101 to add HOV lanes. Steve assisted our public works inspectors in providing soils testing and inspection in the field.

#### City of Santa Clarita, Newhall Ranch Road Bridge Widening

The City of Santa Clarita recently widened the Newhall Ranch Road Bridge over San Francisquito Creek to four lanes in each direction with a raised median, barrier protected raised sidewalk on the north side, and barrier protected sidewalk and multi-use path on the south side. Twining was selected to provide quality assurance construction materials testing and inspection services along with geotechnical support in accordance with the 2015 edition of Caltrans Construction Manual for bridge and retaining walls, the Public Works Construction Green Book for all other work, and the City's QAP. Steve provided concrete, soils, and quality control inspections.

# BRANDAN MATHIS

## Inspector

### Professional Summary

Brandan Mathis brings over 12 years of technical experience to Twining. His experience encompasses all aspects of testing and inspection with special emphasis in concrete and welding inspection.

### Relevant Experience

#### Overview

- » Years' Experience: 2003 – Present

#### Current Licenses Held

- » ACI Field Testing Technician Grade I
- » AWS Certified Welding Inspector
- » ICC Structural Steel and Welding Legacy
- » ICC Reinforced Concrete
- » ICC Spray-Applied Fireproofing
- » Caltrans Certifications: 504, 518, 539, 540, 543, 556, & 557

#### City of Calabasas, Lost Hill Road Bridge Interchange

This project included increasing the bridge width from two to five lanes and rerouting the left turn traffic to a loop on-ramp. The new bridge also added two bike lanes and a pedestrian sidewalk. The bridge was elevated four feet to meet Caltrans height requirements, with added width to allow for the future improvements of the 101 to add HOV lanes. Brandan provided quality control and concrete inspections.

#### City of Agoura Hills, Palo Comado Bridge Widening

As part of the City's continued efforts to improve vehicular traffic flow affecting local residents, business, and regional visitors the City has completed the design and approval process to enhance the bridge, offramps, and surrounding area at the U.S. 101/Palo Comado Canyon Road Interchange at Chesebro Road. The project includes will include widening the existing overcrossing from 40 feet to 76 feet to accommodate one travel lane in each direction and a left-turn lane onto the northbound ramp of the U.S. 101, constructing sidewalks, installing a signal on the northbound offramp, making seismic improvements and incorporating aesthetic enhancements. Twining is providing testing and inspection services for soils, asphalt, and concrete. Brandan is providing concrete inspections.

# BRANDON SCHROEDER

## Inspector

### Professional Summary

Brandon Schroeder brings over 15 years of industry experience to Twining. His experience encompasses all aspects of testing and inspection with special emphasis in soils, asphalt, and concrete inspection. He has extensive experience serving on Caltrans projects and is intimately familiar with Caltrans Test Methods, Green Book Standards, and various City and County requirements.

### Relevant Experience

#### Overview

- » Years' Experience: 2005 - Present

#### Current Licenses Held

- » ACI Concrete Laboratory Testing Technician Level 2
- » ACI Concrete Strength Testing Technician
- » ACI Concrete Laboratory Testing Technician Level 1
- » ACI Aggregate Testing Technician Level 1
- » ACI Field Testing Technician Grade I
- » Caltrans Certification: 105, 125, 201, 202, 216, 217, 226, 227, 229, 231, 504, 518, 521, 524, 539, 540, 543, 556, 557

#### City of Calabasas, Lost Hill Road Bridge Interchange

This project included increasing the bridge width from two to five lanes and rerouting the left turn traffic to a loop on-ramp. The new bridge also added two bike lanes and a pedestrian sidewalk. The bridge was elevated four feet to meet Caltrans height requirements, with added width to allow for the future improvements of the 101 to add HOV lanes. Brandon provided soils, asphalt, and concrete inspections.

#### City of Santa Clarita, Newhall Ranch Road Bridge Widening

The City of Santa Clarita recently widened the Newhall Ranch Road Bridge over San Francisquito Creek to four lanes in each direction with a raised median, barrier protected raised sidewalk on the north side, and barrier protected sidewalk and multi-use path on the south side. Twining was selected to provide quality assurance construction materials testing and inspection services along with geotechnical support in accordance with the 2015 edition of Caltrans Construction Manual for bridge and retaining walls, the Public Works Construction Green Book for all other work, and the City's QAP. Brandon provided soils inspections.

# **Proof of Ability to Perform Tests Required**



# PROOF OF ABILITY TO PERFORM TESTS REQUIRED

5/29/2020

Laboratory Home

**Announcement:** Changes to AASHTO re:source Services Due to COVID-19

Twining, Inc.  
Ventura, California USA  
Account #: 101008

[Hide/Expand Details](#)

## AASHTO Accreditation Details

[View Accreditation Certificate](#)

Your Quality Analyst is Bree Johnson. Please contact us with any accreditation questions.

**Quality Management System** - accredited since 7/6/2009

R18, C1077 (Aggregate), C1077 (Concrete), D3666 (Asphalt Mixture), D3740 (Soil), E329 (Aggregate), E329 (Asphalt Mixture), E329 (Concrete), E329 (Soil)

**Asphalt Mixture** - accredited since 2/21/2013

T329, D2041, D2726 (Cores), D6307

**Soil** - accredited since 6/11/2010

D421, D698, D1140, D1557, D2216, D4318

**Aggregate** - accredited since 7/6/2009

C40, C117, C127, C128, C136, C566, C702, D2419

**Concrete** - accredited since 7/6/2009

C31, C39, C78, C138, C143, C172, C173, C231, C511, C617 (7000 psi and below), C1064, C1231 (7000 psi and below)

## Laboratory Assessment History

[Request an Assessment](#)

### Assessments:

Request	Tour	Quality Document	Date	Assessor(s)	Report#
<a href="#">View</a>	31	Pre-Assessment	5/30/2019	Mary Kaye Sumner	R28118
<a href="#">View</a>	30	Pre-Assessment	2/2/2017	Shannon McAleer Sonya Puterbaugh	R22400
<a href="#">View</a>	29		12/9/2014	Brittney Payton	279B

5/29/2020

Laboratory Home

Melissa Angeles			
View	28	7/31/2012	380W

Timothy Carter			
View	27	2/4/2010	365N

			1
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**External Assessments:**

Provider	Date	Report
CCRL	5/12/2018	R961
CCRL	2/3/2016	X-217
CCRL	8/13/2013	B-1029
CCRL	2/2/2011	A-376
CCRL	8/29/2008	R-633

## Proficiency Sample Enrollment

[Submit Proficiency Sample Data](#)

Note: Your laboratory's Enrollment # is used to identify your enrollment. Please use it for any PSP correspondence.

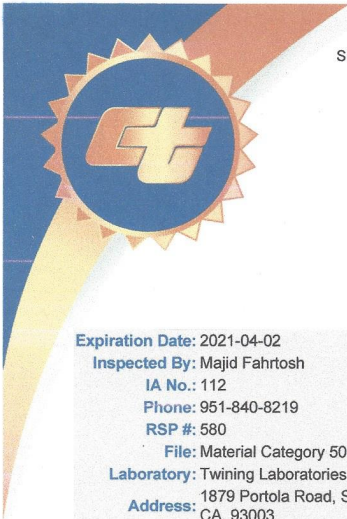
Enrollment #4643

[View PSP Ratings](#)

Glenn Taylor  
GTaylor@twininginc.com  
Ventura, California  
USA

BAC	PGB	EML	AGC ✓	AGF ✓	HMS	HMI ✓	MAR ✓
HVM	HMG	SOL ✓	RVL	CBR	PNT	SMS	

[Request Sample Change](#)



SIAD TL-0113: CALTRANS ACCREDITATION LABORATORY INSPECTION REPORT

# STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

CALTRANS ACCREDITATION LABORATORY INSPECTION REPORT

**Expiration Date:** 2021-04-02  
**Inspected By:** Majid Fahrtoosh  
**IA No.:** 112  
**Phone:** 951-840-8219  
**RSP #:** 580  
**File:** Material Category 500  
**Laboratory:** Twining Laboratories of So. Calif.  
**Address:** 1879 Portola Road, Suite G Ventura  
 CA, 93003  
**Lab QC Mgr.:** Glen Taylor  
**E-mail:** GTaylor@twininginc.com  
**Telephone:** 805-644-5100  
**Fax #.:**

A certified Independent Assurance (IA) visited this laboratory on 2020-03-12

Only the equipment to be used on Caltrans Construction projects and/or local construction projects on the National Highway System was checked for qualification. At the time of Caltrans Accreditation, this laboratory had all necessary equipment to perform the test methods indicated below.

Testing personnel shall be Caltrans Qualified and possess a current Caltrans Certification Form TL-0111 or AASHTO Proficiency Form TL-0115 prior to performing any sampling or testing.

CT 105	CT 106	CT 125 AGG	CT 125 GEN	CT 125 HMA
CT 125 PCC	CT 201	CT 202	CT 205	CT 206
CT 207	CT 208	CT 216	CT 217	CT 226
CT 227	CT 229	CT 231	CT 308	CT 309
CT 370	CT 375	CT 382	CT 504	CT 518
CT 521	CT 523	CT 533	CT 539	CT 540
CT 556	CT 557			

A visual check was performed and documents provided as necessary for the following items:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Facility Safety Manual            | <input checked="" type="checkbox"/> Copies of current applicable test procedures   |
| <input checked="" type="checkbox"/> Laboratory Procedures Manual      | <input checked="" type="checkbox"/> Calibration and service documentation          |
| <input checked="" type="checkbox"/> Laboratory Quality Control Manual | <input checked="" type="checkbox"/> Calibration stickers affixed to test equipment |
| <input checked="" type="checkbox"/> Proper test equipment             | (dated within the 12 months)   |

On 2020-04-02, this laboratory was Caltrans Qualified by:

Majid Fahrtoosh- IA112  
(Printed name of IA person)

  
(Signature of IA person)

Please verify lab accreditation by visiting SIAD website: <https://sia.dot.ca.gov/>  
Page 1/1





Home > Certification > Verify A Certification

## Verify A Certification

### SEARCH RESULTS

Name: coldiron

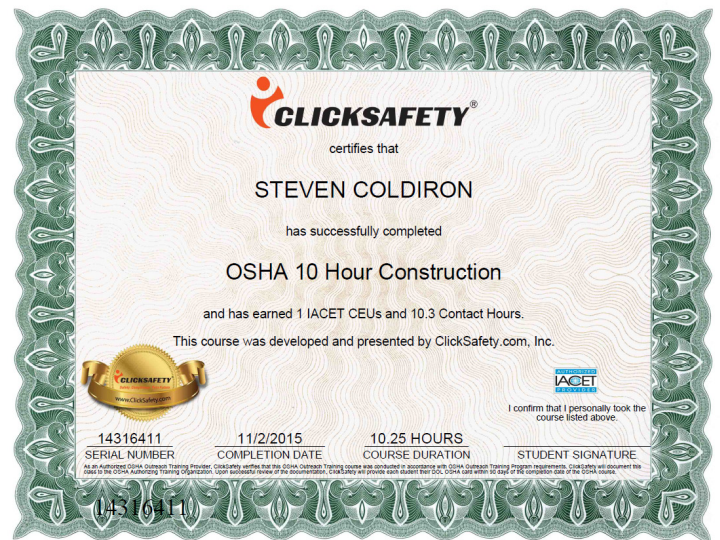
Your search returned 1 record.

**Coldiron, Steven R**

**ACI CONCRETE FIELD TESTING TECHNICIAN - GRADE I**

Expires: November 09, 2024

SANTA CLARITA, CA 91321 United States



First Name	Last Name	Lab(s)	Active Certifications/Proficiencies	Details
Steven	Coldiron	1) Twining Laboratories of So. Calif. 1879 Portola Road, Suite G Ventura District 7	CT 125 AGG: Sampling - AGGREGATES (JTCP) CT 125 CEM: Sampling - CEM CT 125 GEN: Sampling - GENERAL CT 125 HMA: Sampling - HMA (JTCP) CT 231: Relative Compaction - Nuclear Gage CT 504: Air Content of PCC - Pressure Method (JTCP) CT 518: Unit Weight - PCC (JTCP) CT 539: Sampling Fresh Concrete (JTCP) CT 540: Making Cylinders - PCC (JTCP) CT 543: Air Content of PCC - Volumetric Method (JTCP) CT 556: Slump - PCC (JTCP) CT 557: Temperature - PCC (JTCP)	<a href="#">View</a>

6/2/2020

Search for Certified Professionals - ICC

Steven Coldiron	Santa Clarita	CA	Soils Special Inspector (expires 11/24/2021) Structural Masonry Special Inspector (expires 09/01/2020) Structural Steel and Bolting Special Inspector (expires 11/15/2020) Reinforced Concrete Special Inspector (expires 12/04/2021)
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ACI Concrete Field Testing Technician -  
Grade I

**BRANDAN R MATHIS**

Certification ID #01071018  
Expires on: 03/18/2022



Verify at CheckACI.org



First Name	Last Name	Lab(s)	Active Certifications/Proficiencies	Details
Brandon	Mathis	1) Twining Laboratories of So. Calif. 1879 Portola Road, Suite G Ventura District 7	CT 504: Air Content of PCC - Pressure Method (JTCP) CT 518: Unit Weight - PCC (JTCP) CT 539: Sampling Fresh Concrete (JTCP) CT 540: Making Cylinders - PCC (JTCP) CT 543: Air Content of PCC - Volumetric Method (JTCP) CT 556: Slump - PCC (JTCP) CT 557: Temperature - PCC (JTCP)	View

6/2/2020

Search for Certified Professionals - ICC

Brandon Mathis	Somis	CA	Reinforced Concrete Special Inspector (expires 09/01/2020) Structural Steel & Welding Spec Insp - Legacy (expires 07/13/2021) Spray Applied Fire Proofing Special Inspector (expires 11/10/2020)
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**Schroeder, Brandon R**  
[ACI CONCRETE LABORATORY TESTING TECHNICIAN - LEVEL 2](#)  
 Expires: June 05, 2023  
 VICTORVILLE, CA 92392 United States

**Schroeder, Brandon R**  
[ACI CONCRETE STRENGTH TESTING TECHNICIAN](#)  
 Expires: May 12, 2021  
 VICTORVILLE, CA 92392 United States

**Schroeder, Brandon R**  
[ACI CONCRETE LABORATORY TESTING TECHNICIAN - LEVEL 1](#)  
 Expires: May 24, 2021  
 VICTORVILLE, CA 92392 United States

**Schroeder, Brandon R**  
[ACI AGGREGATE TESTING TECHNICIAN - LEVEL 1](#)  
 Expires: May 24, 2021  
 VICTORVILLE, CA 92392 United States

**Schroeder, Brandon R**  
[ACI CONCRETE FIELD TESTING TECHNICIAN - GRADE I](#)  
 Expires: July 18, 2020  
 VICTORVILLE, CA 92392 United States

First Name	Last Name	Lab(s)	Active Certifications/Proficiencies	Details
Brandon	Schroeder	1) Twining Laboratories of So. Calif. 1879 Portola Road, Suite G Ventura District 7 2) Twining Laboratories of So. Calif. 3310 Airport Way Long Beach District 7 3) Twining Laboratories of So. Calif. 111 North Main Street Unit A Riverside District 8	CT 105: Calculations - Gradings (JTCP) CT 125 ADMIX: Sampling - ADMIXTURE CT 125 AGG: Sampling - AGGREGATES (JTCP) CT 125 BIT: Sampling - BITUMINOUS CT 125 CEM: Sampling - CEM CT 125 GEN: Sampling - GENERAL CT 125 HMA: Sampling - HMA (JTCP) CT 201: Sample Preparation - Soil and Aggregates (JTCP) CT 202: Sieve analysis - Fine and Coarse Aggregates (JTCP) CT 216: Relative Compaction - Soils and Aggregates (JTCP) CT 217: Sand Equivalent (JTCP) CT 226: Moisture Content - Soils and Aggregates (JTCP) CT 227: Cleanness Value (JTCP) CT 229: Durability (JTCP) CT 231: Relative Compaction - Nuclear Gage CT 504: Air Content of PCC - Pressure Method (JTCP) CT 518: Unit Weight - PCC (JTCP) CT 521: Compressive Strength - PCC CT 524: Flexural Strength of Rapid Strength - PCC CT 539: Sampling Fresh Concrete (JTCP) CT 540: Making Cylinders - PCC (JTCP) CT 543: Air Content of PCC - Volumetric Method (JTCP) CT 556: Slump - PCC (JTCP) CT 557: Temperature - PCC (JTCP)	<a href="#">View</a>

# Cost Proposal

SEE ATTACHMENT 2

# Required Forms




# REQUIRED FORMS



Reset Form

**EXHIBIT 10-01 CONSULTANT PROPOSAL DBE COMMITMENT**

1. Local Agency: County of Santa Barbara      2. Contract DBE Goal: 0%  
 3. Project Description: Fernald Point Lane Bridge Replacement project  
 4. Project Location: Montecito, CA  
 5. Consultant's Name: Twining, Inc.      6. Prime Certified DBE:

7. Description of Work, Service, or Materials Supplied	8. DBE Certification Number	9. DBE Contact Information	10. DBE %
<b>Local Agency to Complete this Section</b>		<b>11. TOTAL CLAIMED DBE PARTICIPATION</b>	0 %
17. Local Agency Contract Number: _____ 18. Federal-Aid Project Number: _____ 19. Proposed Contract Execution Date: _____ 20. Consultant's Ranking after Evaluation: _____  Local Agency certifies that all DBE certifications are valid and information on this form is complete and accurate.			
_____ _____ _____		IMPORTANT: Identify all DBE firms being claimed for credit, regardless of tier. Written confirmation of each listed DBE is required.  <div style="display: flex; justify-content: space-between;"> <div data-bbox="862 1549 1104 1707">                     12. Preparer's Signature                        Talin Espinoza                      Chief Strategy Officer                 </div> <div data-bbox="1125 1564 1266 1659">                     13. Date  <u>06/04/2020</u>                      15. Phone  <u>562.426.3355</u> </div> </div> 16. Preparer's Title	

DISTRIBUTION: Original – Included with consultant's proposal to local agency.

**ADA Notice:** For individuals with sensory disabilities, this document is available in alternate formats. For information call (916) 654-6410 or TDD (916) 654-3880 or write Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814.

**INSTRUCTIONS – CONSULTANT PROPOSAL DBE COMMITMENT**CONSULTANT SECTION

- 1. Local Agency** - Enter the name of the local or regional agency that is funding the contract.
- 2. Contract DBE Goal** - Enter the contract DBE goal percentage as it appears on the project advertisement.
- 3. Project Location** - Enter the project location as it appears on the project advertisement.
- 4. Project Description** - Enter the project description as it appears on the project advertisement (Bridge Rehab, Seismic Rehab, Overlay, Widening, etc.).
- 5. Consultant's Name** - Enter the consultant's firm name.
- 6. Prime Certified DBE** - Check box if prime contractor is a certified DBE.
- 7. Description of Work, Services, or Materials Supplied** - Enter description of work, services, or materials to be provided. Indicate all work to be performed by DBEs including work performed by the prime consultant's own forces, if the prime is a DBE. If 100% of the item is not to be performed or furnished by the DBE, describe the exact portion to be performed or furnished by the DBE. See LAPM Chapter 9 to determine how to count the participation of DBE firms.
- 8. DBE Certification Number** - Enter the DBE's Certification Identification Number. All DBEs must be certified on the date bids are opened.
- 9. DBE Contact Information** - Enter the name, address, and phone number of all DBE subcontracted consultants. Also, enter the prime consultant's name and phone number, if the prime is a DBE.
- 10. DBE %** - Percent participation of work to be performed or service provided by a DBE. Include the prime consultant if the prime is a DBE. See LAPM Chapter 9 for how to count full/partial participation.
- 11. Total Claimed DBE Participation %** - Enter the total DBE participation claimed. If the total % claimed is less than item "Contract DBE Goal," an adequately documented Good Faith Effort (GFE) is required (see Exhibit 15-H DBE Information - Good Faith Efforts of the LAPM).
- 12. Preparer's Signature** - The person completing the DBE commitment form on behalf of the consultant's firm must sign their name.
- 13. Date** - Enter the date the DBE commitment form is signed by the consultant's preparer.
- 14. Preparer's Name** - Enter the name of the person preparing and signing the consultant's DBE commitment form.
- 15. Phone** - Enter the area code and phone number of the person signing the consultant's DBE commitment form.
- 16. Preparer's Title** - Enter the position/title of the person signing the consultant's DBE commitment form.

LOCAL AGENCY SECTION

- 17. Local Agency Contract Number** - Enter the Local Agency contract number or identifier.
- 18. Federal-Aid Project Number** - Enter the Federal-Aid Project Number.
- 19. Proposed Contract Execution Date** - Enter the proposed contract execution date.
- 20. Consultant's Ranking after Evaluation** - Enter consultant's ranking after all submittals/consultants are evaluated. Use this as a quick comparison for evaluating most qualified consultant.
- 21. Local Agency Representative's Signature** - The person completing this section of the form for the Local Agency must sign their name to certify that the information in this and the Consultant Section of this form is complete and accurate.
- 22. Date** - Enter the date the DBE commitment form is signed by the Local Agency Representative.
- 23. Local Agency Representative's Name** - Enter the name of the Local Agency Representative certifying the consultant's DBE commitment form.
- 24. Phone** - Enter the area code and phone number of the person signing the consultant's DBE commitment form.
- 25. Local Agency Representative Title** - Enter the position/title of the Local Agency Representative certifying the consultant's DBE commitment form.

Thank you for your consideration.



**TWINING**

## ATTACHMENT 2

County Project No. 862330 Federal Project No. Fernald Point Lane Bridge Bridge No. 51C-0362 Replacement Construction Services: Material Testing RFP Estimate - ATTACHMENT A							
<b>Roadway Excavation</b>							
MATERIAL	TEST	TEST NO.	FREQUENCY	UNITS	EST. QUANTITY	Cost \$/Unit	Total Cost
Native	Relative Compaction Curve	ASTM D 1557	1/Soil type	Each	2	\$ 200.00	\$ 400.00
Native(90% on embankment)	In Place Soil Density	ASTM D 2922	1/2000 sy	Hrs.	16	\$ 105.00	\$ 1,680.00
Native(95% under road)	In Place Soil Density	ASTM D 2922	1/2000 sy	Hrs.	16	\$ 105.00	\$ 1,680.00
				~150CY ; est 4 hrs per test plus travel time			
<b>Structure Excavation</b>							
MATERIAL	TEST	TEST NO.	FREQUENCY	UNITS	EST. QUANTITY		
In situ basement material under FOOTINGS	Relative Compaction Curve	ASTM D 1557	1/source	Each	2	\$ 200.00	\$ 400.00
In situ basement material under FOOTINGS (95% for 0.5')	In Place Soil Density	ASTM D 2922	1/Lift/2000sy	Hrs	32	\$ 105.00	\$ 3,360.00
							\$ -
							\$ -
<b>Structure Backfill</b>							
MATERIAL	TEST	TEST NO.	FREQUENCY	UNITS	EST. QUANTITY		
Structure Backfill	Relative Compaction Curve	ASTM D 1557	1/source	Each	2	\$ 200.00	\$ 400.00
Structure Backfill	In Place Soil Density	ASTM D 2922	1/Lift/2000sy	Hrs	32	\$ 105.00	\$ 3,360.00
Structure Backfill	Sand Equivalent	California Test 217	1/source	Each	2	\$ 130.00	\$ 260.00
Structure Backfill	Sieve Analysis	California Test 202	1/source	Each	2	\$ 160.00	\$ 320.00
<b>Imported Borrow</b>							
MATERIAL	TEST	TEST NO.	FREQUENCY	UNITS	EST. QUANTITY		
Import borrow material	Relative Compaction Curve	ASTM D 1557	1/source	Each	1	\$ 200.00	\$ 200.00
Import borrow material	In Place Soil Density	ASTM D 2922	1/Lift/2000sy	Hrs	8	\$ 105.00	\$ 840.00
Import borrow material (45)	R-Value	California Test 301	1/C2B source	Each	1	\$ 440.00	\$ 440.00
							\$ -
<b>Class 2 Aggregate Base</b>							
MATERIAL	TEST	TEST NO.	FREQUENCY	UNITS	EST. QUANTITY		
C2 Aggregate Base	Sieve Analysis	California Test 202	1/C2B source	Each	1	\$ 160.00	\$ 160.00
C2 Aggregate Base	R-Value	California Test 301	1/C2B source	Each	1	\$ 440.00	\$ 440.00
C2 Aggregate Base	Sand Equivalent	California Test 217	1/C2B source	Each	1	\$ 130.00	\$ 130.00
C2 Aggregate Base	Durability	California Test 229	1/C2B source	Each	1	\$ 235.00	\$ 235.00
C2 Aggregate Base	Relative Compaction Curve	ASTM D 1557	1/C2B source	Each	1	\$ 200.00	\$ 200.00
C2 Aggregate Base (95% OF RC)	In Place Soil Density	ASTM D 2922	1/2000 SY/lift	110CY in 1 lifts; 2 tests est. 4hrs per test=8hrs	8	\$ 105.00	\$ 840.00



County Project No. 862330  
 Federal Project No. Fernald Point Lane Bridge  
 Bridge No. 51C-0362  
 Replacement  
 Construction Services: Material Testing RFP Estimate - ATTACHMENT A

<b>BRIDGE FOOTING - CAST IN PLACE CONCRETE</b>							
MATERIAL	TEST	TEST NO.	FREQUENCY	UNITS	EST. QUANTITY		
PRELIM: Coarse Aggregate	Sieve Analysis	California Test 202	1/mix	Each	1	\$ 160.00	\$ 160.00
PRELIM: Coarse Aggregate	LA RATTLER	California Test 211	1/mix	Each	1	\$ 230.00	\$ 230.00
PRELIM: Coarse Aggregate	Cleanness Value	California Test 227	1/mix	Each	1	\$ 275.00	\$ 275.00
PRELIM: Fine Aggregate	Sand Equivalent	California Test 217	1/mix	Each	1	\$ 130.00	\$ 130.00
PRELIM: Fine Aggregate	Sieve Analysis	California Test 202	1/mix	Each	1	\$ 160.00	\$ 160.00
PRELIM: Blended Aggregate	Sieve Analysis	California Test 202	1/mix	Each	1	\$ 160.00	\$ 160.00
Coarse Aggregate	Sieve Analysis	California Test 202	1/day	Each	1	\$ 160.00	\$ 160.00
Coarse Aggregate	Cleanness Value	California Test 227	1/day	Each	1	\$ 275.00	\$ 275.00
Coarse Aggregate	LA RATTLER	California Test 211	1/mix	Each	1	\$ 230.00	\$ 230.00
Fine Aggregate	Sand Equivalent	California Test 217	1/day	Each	1	\$ 130.00	\$ 130.00
Fine Aggregate	Sieve Analysis	California Test 202	1/day	Each	1	\$ 160.00	\$ 160.00
Fresh Concrete	Slump	ASTM C143	2/day	Hrs	32	\$ 105.00	\$ 3,360.00
Fresh Concrete	Compressive Strength	California Test 539/540	4 Cylinders/day or pour	Each	32	\$ 38.00	\$ 1,216.00
<b>BRIDGE ABUTMENT/WW/SEAT - CAST IN PLACE CONCRETE</b>							
MATERIAL	TEST	TEST NO.	FREQUENCY	UNITS	EST. QUANTITY		
PRELIM: Coarse Aggregate	Sieve Analysis	California Test 202	1/mix	Each	1	\$ 160.00	\$ 160.00
PRELIM: Coarse Aggregate	LA RATTLER	California Test 211	1/mix	Each	1	\$ 230.00	\$ 230.00
PRELIM: Coarse Aggregate	Cleanness Value	California Test 227	1/mix	Each	1	\$ 275.00	\$ 275.00
PRELIM: Fine Aggregate	Sand Equivalent	California Test 217	1/mix	Each	1	\$ 130.00	\$ 130.00
PRELIM: Fine Aggregate	Sieve Analysis	California Test 202	1/mix	Each	1	\$ 160.00	\$ 160.00
PRELIM: Blended Aggregate	Sieve Analysis	California Test 202	1/mix	Each	1	\$ 160.00	\$ 160.00
Coarse Aggregate	Sieve Analysis	California Test 202	1/day	Each	1	\$ 160.00	\$ 160.00
Coarse Aggregate	Cleanness Value	California Test 227	1/day	Each	1	\$ 275.00	\$ 275.00
Coarse Aggregate	LA RATTLER	California Test 211	1/mix	Each	1	\$ 230.00	\$ 230.00
Fine Aggregate	Sand Equivalent	California Test 217	1/day	Each	1	\$ 130.00	\$ 130.00
Fine Aggregate	Sieve Analysis	California Test 202	1/day	Each	1	\$ 160.00	\$ 160.00
Fresh Concrete	Slump	ASTM C143	2/day	Hrs	32	\$ 105.00	\$ 3,360.00
Fresh Concrete	Compressive Strength	California Test 539/540	4 Cylinders/day or pour	Each	16	\$ 38.00	\$ 608.00



County Project No. 862330  
 Federal Project No. Fernald Point Lane Bridge  
 Bridge No. 51C-0362  
 Replacement  
 Construction Services: Material Testing RFP Estimate - ATTACHMENT A

<b>STRUCTURAL CONCRETE APPROACH SLAB</b>							
MATERIAL	TEST	TEST NO.	FREQUENCY	UNITS	EST. QUANTITY		
PRELIM: Coarse Aggregate	Sieve Analysis	California Test 202	1/mix	Each	1	\$ 160.00	\$ 160.00
PRELIM: Coarse Aggregate	LA RATTLER	California Test 211	1/mix	Each	1	\$ 230.00	\$ 230.00
PRELIM: Coarse Aggregate	Cleanness Value	California Test 227	1/mix	Each	1	\$ 275.00	\$ 275.00
PRELIM: Fine Aggregate	Sand Equivalent	California Test 217	1/mix	Each	1	\$ 130.00	\$ 130.00
PRELIM: Fine Aggregate	Sieve Analysis	California Test 202	1/mix	Each	1	\$ 160.00	\$ 160.00
PRELIM: Blended Aggregate	Sieve Analysis	California Test 202	1/mix	Each	1	\$ 160.00	\$ 160.00
Coarse Aggregate	Sieve Analysis	California Test 202	1/day	Each	1	\$ 160.00	\$ 160.00
Coarse Aggregate	Cleanness Value	California Test 227	1/day	Each	1	\$ 275.00	\$ 275.00
Coarse Aggregate	LA RATTLER	California Test 211	1/mix	Each	1	\$ 230.00	\$ 230.00
Fine Aggregate	Sand Equivalent	California Test 217	1/day	Each	1	\$ 130.00	\$ 130.00
Fine Aggregate	Sieve Analysis	California Test 202	1/day	Each	1	\$ 160.00	\$ 160.00
Fresh Concrete	Slump	ASTM C143	2/day	Hrs	8	\$ 105.00	\$ 840.00
Fresh Concrete	Compressive Strength	California Test 539/540	4 Cylinders/day or pour	Each	4	\$ 38.00	\$ 152.00
<b>BAR REINFORCING STEEL-HEADED BARS</b>							
MATERIAL	TEST	TEST NO.	FREQUENCY	TIME/VOLUME	EST. QUANTITY		
Prequalification Oper/Process	Mechanical & Welded Reinforcing Steel Splices	California Test 670			N/A		
Production Tests:#7s in TOP of ABUT SEAT	Mechanical & Welded Reinforcing Steel Splices	California Test 670	4 per lot per size	Est 1 Lots	4	\$ 350.00	\$ 1,400.00
<b>REINFORCED CONCRETE CHANNEL</b>							
MATERIAL	TEST	TEST NO.	FREQUENCY	UNITS	EST. QUANTITY		
PRELIM: Coarse Aggregate	Sieve Analysis	California Test 202	1/mix	Each	1	\$ 160.00	\$ 160.00
PRELIM: Coarse Aggregate	LA RATTLER	California Test 211	1/mix	Each	1	\$ 230.00	\$ 230.00
PRELIM: Coarse Aggregate	Cleanness Value	California Test 227	1/mix	Each	1	\$ 275.00	\$ 275.00
PRELIM: Fine Aggregate	Sand Equivalent	California Test 217	1/mix	Each	1	\$ 130.00	\$ 130.00
PRELIM: Fine Aggregate	Sieve Analysis	California Test 202	1/mix	Each	1	\$ 160.00	\$ 160.00
PRELIM: Blended Aggregate	Sieve Analysis	California Test 202	1/mix	Each	1	\$ 160.00	\$ 160.00
Coarse Aggregate	Sieve Analysis	California Test 202	1/day	Each	1	\$ 160.00	\$ 160.00
Coarse Aggregate	Cleanness Value	California Test 227	1/day	Each	1	\$ 275.00	\$ 275.00
Coarse Aggregate	LA RATTLER	California Test 211	1/mix	Each	1	\$ 230.00	\$ 230.00
Fine Aggregate	Sand Equivalent	California Test 217	1/day	Each	1	\$ 130.00	\$ 130.00
Fine Aggregate	Sieve Analysis	California Test 202	1/day	Each	1	\$ 160.00	\$ 160.00
Fresh Concrete	Slump	ASTM C143	2/day	Hrs	16	\$ 105.00	\$ 1,680.00
Fresh Concrete	Compressive Strength	California Test 539/540	4 Cylinders/day or pour	Each	8	\$ 38.00	\$ 304.00
Project Management	PM			Each	40	\$ 170.00	6800
Travel Time/Sample PU-Non Prevailing				Each	80	\$ 75.00	6000
Est. Total=							\$ 57,471.0



**COUNTY OF SANTA BARBARA  
PUBLIC WORKS DEPARTMENT  
TRANSPORTATION DIVISION**

620 West Foster Road  
Santa Maria, California 93455  
(805) 803-8750



**SCOTT D. MCGOLPIN**

**Director**

3/18/2021

**MEMO**

To: FILE

RE: Prevailing Wage Cost Escalations

FERNALD PT. LN. BRIDGE NO. 51C-0362 OVER  
ROMERO CREEK IN THE 1ST SUPERVISORIAL  
DISTRICT  
S.B.CO. PROJECT #862330; FED. # BRLO-5951(141)

County Staff negotiated a starting rate of \$105/hr is for field technician work per email confirmation from Jeff Tawakoli on March 11, 2021.

This work is covered by CA DIR Prevailing Wages.

Estimated escalation is 3.14% per year each July.

Therefore, additional funds shall be added to the contract, *separate from contingency*, as follows:

ESTIMATED COSTS (3.14% ESCALATION/YR)	COST ESTIMATE	HOURLY RATE	ESTIMATED HOURS DURING PERFORMANCE PERIOD	PERFORMANCE PERIOD	
	\$1,697.11	\$105.00	16.16298809	4/6/2021	6/30/2021
	\$7,495.84	\$108.30	69.2156197	7/1/2021	6/30/2022
	\$7,731.21	\$111.70	69.2156197	7/1/2022	6/30/2023
	\$7,995.88	\$115.20	69.4057725	7/1/2023	6/30/2024
EST. TOTAL COST W/O ESCALATIONS	\$23,520.00				
EST. TOTAL COST WITH ESCALATIONS	\$24,920.05				
<b>BUDGET FOR ESCALATION=</b>	<b>\$1,400.05</b>				

TWINING, Inc. shall be the sum of the March 15, 2021 revised cost proposal totaling \$57,471 plus \$1,400 totaling \$58,871. A 10% contingency of \$5,887 will provide for unforeseen costs during the contract performance period and a contract total of \$64,758.

Sincerely,

Philip D. Gaston, P.E.

## EXHIBIT C

### Indemnification and Insurance Requirements (For Professional Contracts)

#### INDEMNIFICATION

CONTRACTOR agrees to indemnify, defend (with counsel reasonably approved by COUNTY) and hold harmless COUNTY and its officers, officials, employees, agents and volunteers from and against any and all claims, actions, losses, damages, judgments and/or liabilities arising out of this Agreement from any cause whatsoever, including the acts, errors or omissions of any person or entity and for any costs or expenses (including but not limited to attorneys' fees) incurred by COUNTY on account of any claim except where such indemnification is prohibited by law. CONTRACTOR's indemnification obligation applies to COUNTY's active as well as passive negligence but does not apply to COUNTY's sole negligence or willful misconduct.

#### NOTIFICATION OF ACCIDENTS AND SURVIVAL OF INDEMNIFICATION PROVISIONS

CONTRACTOR shall notify COUNTY immediately in the event of any accident or injury arising out of or in connection with this Agreement. The indemnification provisions in this Agreement shall survive any expiration or termination of this Agreement.

#### INSURANCE

CONTRACTOR shall procure and maintain for the duration of this Agreement insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder and the results of that work by the CONTRACTOR, his agents, representatives, employees or subcontractors.

##### A. Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. **Commercial General Liability (CGL):** Insurance Services Office (ISO) Form CG 00 01 covering CGL on an "occurrence" basis, including products-completed operations, personal & advertising injury, with limits no less than \$1,000,000 per occurrence and \$2,000,000 in the aggregate.
2. **Automobile Liability:** ISO Form Number CA 00 01 covering any auto (Code 1), or if CONTRACTOR has no owned autos, hired, (Code 8) and non-owned autos (Code 9), with limit no less than \$1,000,000 per accident for bodily injury and property damage.
3. **Workers' Compensation:** as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease.
4. **Professional Liability (Errors and Omissions)** Insurance appropriate to the CONTRACTOR'S profession, with limit of no less than \$1,000,000 per occurrence or claim, \$2,000,000 aggregate.

If the CONTRACTOR maintains higher limits than the minimums shown above, the COUNTY requires and shall be entitled to coverage for the higher limits maintained by

the CONTRACTOR. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the COUNTY.

B. Other Insurance Provisions

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

1. **Additional Insured** – COUNTY, its officers, officials, employees, agents and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the CONTRACTOR including materials, parts, or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the CONTRACTOR's insurance at least as broad as ISO Form CG 20 10 11 85 or if not available, through the addition of both CG 20 10 and CG 20 37 if a later edition is used).
2. **Primary Coverage** – For any claims related to this Agreement, the CONTRACTOR's insurance coverage shall be primary insurance as respects the COUNTY, its officers, officials, employees, agents and volunteers. Any insurance or self-insurance maintained by the COUNTY, its officers, officials, employees, agents or volunteers shall be excess of the CONTRACTOR's insurance and shall not contribute with it.
3. **Notice of Cancellation** – Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to the COUNTY.
4. **Waiver of Subrogation Rights** – CONTRACTOR hereby grants to COUNTY a waiver of any right to subrogation which any insurer of said CONTRACTOR may acquire against the COUNTY by virtue of the payment of any loss under such insurance. CONTRACTOR agrees to obtain any endorsement that may be necessary to effect this waiver of subrogation, but this provision applies regardless of whether or not the COUNTY has received a waiver of subrogation endorsement from the insurer.
5. **Deductibles and Self-Insured Retention** – Any deductibles or self-insured retentions must be declared to and approved by the COUNTY. The COUNTY may require the CONTRACTOR to purchase coverage with a lower deductible or retention or provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention.
6. **Acceptability of Insurers** – Unless otherwise approved by Risk Management, insurance shall be written by insurers authorized to do business in the State of California and with a minimum A.M. Best's Insurance Guide rating of "A- VII".
7. **Verification of Coverage** – CONTRACTOR shall furnish the COUNTY with proof of insurance, original certificates and amendatory endorsements as required by this Agreement. The proof of insurance, certificates and endorsements are to be received and approved by the COUNTY before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the CONTRACTOR's obligation to provide them. The CONTRACTOR shall furnish evidence of renewal of coverage throughout the term of the Agreement. The COUNTY reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.

8. **Failure to Procure Coverage** – In the event that any policy of insurance required under this Agreement does not comply with the requirements, is not procured, or is canceled and not replaced, COUNTY has the right but not the obligation or duty to terminate the Agreement. Maintenance of required insurance coverage is a material element of the Agreement and failure to maintain or renew such coverage or to provide evidence of renewal may be treated by COUNTY as a material breach of contract.
9. **Subcontractors** – CONTRACTOR shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and CONTRACTOR shall ensure that COUNTY is an additional insured on insurance required from subcontractors.
10. **Claims Made Policies** – If any of the required policies provide coverage on a claims-made basis:
  - i. The Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work.
  - ii. Insurance must be maintained and evidence of insurance must be provided for at least five (5) years after completion of contract work.
  - iii. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a Retroactive Date prior to the contract effective date, the CONTRACTOR must purchase “extended reporting” coverage for a minimum of five (5) years after completion of contract work.
11. **Special Risks or Circumstances** – COUNTY reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstances.

Any change requiring additional types of insurance coverage or higher coverage limits must be made by amendment to this Agreement. CONTRACTOR agrees to execute any such amendment within thirty (30) days of receipt.

Any failure, actual or alleged, on the part of COUNTY to monitor or enforce compliance with any of the insurance and indemnification requirements will not be deemed as a waiver of any rights on the part of COUNTY.