

# 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 **Filippin Engineering, Inc.** with an address at **354 S Fairview Ave, Suite D, Goleta, CA 93117** (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

**Brent Clavin** at phone number **805-803-8788** is the representative of County and will administer this Agreement for and on behalf of County. **Gino Filippin** at phone number **805-729-0041** is the authorized representative for CONTRACTOR. Changes in designated representatives shall be made only after advance written notice to the other party. The designated County 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: **Brent Clavin, Public Works, 620 W Foster Rd, Santa Maria, CA 93455**  
**805-803-8788, bclavin@countyofsb.org**

To CONTRACTOR: **Gino Filippin, Filippin Engineering, Inc., 354 S Fairview Ave, Suite D, Goleta, CA 93117**  
**805-729-0041, gino@fecivil.com**

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. CONTRACTOR shall commence performance on **October 1, 2024** and end performance upon completion, but no later than **September 30, 2027** unless otherwise directed by County or unless earlier terminated.
- B. The Director of Public Works, or designee, may extend the period of performance of this Agreement for up to a period of two years by giving written notice of extension to CONTRACTOR.

## 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. Billing shall be made by invoice, which shall include the contract number assigned by County and which is delivered to the address given in Clause 2 "NOTICES" above following completion of the increments identified on Exhibit B. Unless otherwise specified on Exhibit B, payment shall be net thirty (30) days from presentation of invoice.

## 6. 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.

## **7. 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.

## **8. DEBARMENT AND SUSPENSION MANDATORY DISCLOSURE**

- 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.

## **9. 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.

## **10. 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 Agreement, or any ensuing County construction project. CONTRACTOR shall also list current clients who may have a financial interest in the outcome of this

Agreement, 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 Agreement.
- C. Any subcontract entered into as a result of this Agreement, shall contain all of the provisions of this Section.
- D. CONTRACTOR hereby certifies that neither CONTRACTOR, its employees, nor any firm affiliated with CONTRACTOR providing services on this project prepared the Plans, Specifications, and Estimate for any construction project included within this Agreement. An affiliated firm is one, which is subject to the control of the same persons through joint-ownership, or otherwise.
- E. CONTRACTOR further certifies that neither CONTRACTOR, nor any firm affiliated with CONTRACTOR, will bid on any construction subcontracts included within the construction contract. Additionally, CONTRACTOR certifies that no person working under this Agreement is also employed by the construction CONTRACTOR for any project included within this Agreement.
- F. Except for subcontractor whose services are limited to materials testing, no subcontractor who is providing service on this Agreement shall have provided services on the design of any project included within this Agreement.

#### **11. 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.

#### **12. 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.

#### **13. 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.

#### **14. RECORDS, AUDIT, AND REVIEW**

CONTRACTOR shall keep such business records pursuant to this Agreement as would be kept by a reasonably prudent practitioner of CONTRACTOR's profession and shall maintain such records for at least four (4) years following the termination of this Agreement. All accounting records shall be kept in accordance with generally accepted accounting principles. County shall have the right to audit and review all such documents and records at any time during CONTRACTOR's regular business hours or upon reasonable notice. In addition, if this Agreement exceeds ten thousand dollars (\$10,000.00), CONTRACTOR shall be subject to the examination and audit of the California State Auditor, at the request of the County or as part of any audit of the County, for a period of three (3) years after final payment under the Agreement and records for real property and equipment acquired with federal funds must be retained for three (3) years after final disposition (Cal. Govt. Code Section 8546.7). CONTRACTOR shall participate in any audits and reviews, whether by County or the State, at no charge to County.

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.

#### **15. INDEMNIFICATION AND INSURANCE**

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

#### **16. NONDISCRIMINATION**

- A. CONTRACTOR shall permit access by representatives of the Department of Fair Employment and Housing and the COUNTY upon reasonable notice at any time during the normal business hours, but in no case less than twenty-four (24) hours' notice, to such of its books, records, accounts, and all other sources of information and its facilities as said Department or COUNTY shall require to ascertain compliance with this clause.
- B. 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.
- C. CONTRACTOR shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under this AGREEMENT
- D. 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.
- E. **Statement of Compliance California:**
  - 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 Agreement, CONTRACTOR and its subcontractors shall not deny the AGREEMENT's benefits to any person on the basis of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, age, sexual orientation, or military and veteran status, nor shall they unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, age, sexual orientation, or military and veteran status. CONTRACTOR and subcontractors shall insure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment.
  - 3) CONTRACTOR and subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Gov. Code §12990 et seq.), the applicable regulations promulgated there under (2 CCR §11000 et seq.), the provisions of Gov. Code §§11135-11139.5, and the regulations or standards adopted by COUNTY to implement such article. The applicable regulations of the Fair Employment and Housing Commission implementing Gov. Code §12990 (a-f), set forth 2 CCR §§8100-8504, are incorporated into



this AGREEMENT by reference and made a part hereof as if set forth in full

**F. Federal Assurances:**

- 1) The CONTRACTOR, with regard to the work performed under this AGREEMENT, shall act in accordance with Title VI of the Civil Rights Act of 1964 (42 U.S.C. §2000d et seq.). Title VI provides that the recipients of federal assistance will implement and maintain a policy of nondiscrimination in which no person in the United States 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.
- 2) The CONTRACTOR shall comply with regulations relative to non-discrimination in federally-assisted programs of the U.S. Department of Transportation (49 CFR Part 21 - Effectuation of Title VI of the Civil Rights Act of 1964). Specifically, the CONTRACTOR shall not participate either directly or indirectly in the discrimination prohibited by 49 CFR §21.5, including employment practices and the selection and retention of Subcontractors.
- 3) CONTRACTOR, subrecipient or subcontractor will never exclude any person from participation in, deny any person the benefits of, or otherwise discriminate against anyone in connection with the award and performance of any contract covered by 49 CFR 26 on the basis of race, color, sex, or national origin. In administering the COUNTY components of the DBE Program Plan, CONTRACTOR, subrecipient or subcontractor will not, directly, or through contractual or other arrangements, use criteria or methods of administration that have the effect of defeating or substantially impairing accomplishment of the objectives of the DBE Program Plan with respect to individuals of a particular race, color, sex, or national origin.
- 4) Solicitations for subcontractors, including Procurement of Materials and Equipment: In all solicitations either by competitive bidding or negotiations made by CONTRACTOR for work to be performed under the subcontract, including procurement of materials or leases of equipment, each potential subcontractor or supplier shall be notified by CONTRACTOR of CONTRACTOR's obligations under this Agreement, and the Regulations relative to nondiscrimination on the grounds of race, religion, color, sex, age or national origin.
- 5) Information and Reports: CONTRACTOR shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information and its facilities as may be determined by COUNTY to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of a CONTRACTOR is in the exclusive possession of another who fails or refuses to furnish this information, CONTRACTOR shall so certify to COUNTY, and shall set forth what efforts it has made to obtain the information.
- 6) Sanctions for Noncompliance: In the event of CONTRACTOR's noncompliance with the nondiscrimination provisions of this Agreement, COUNTY shall impose such contract sanctions as it may determine to be appropriate, including, but not limited to:
  - a. Withholding of payments to CONTRACTOR under this Agreement until CONTRACTOR complies,
  - b. and/or Cancellation, termination or suspension of the Agreement in whole or in part.

**G. Pertinent Non-Discrimination Authorities:** During the performance of this contract, the CONTRACTOR, for itself, its assignees, and successors in interest (hereinafter referred to as the "CONTRACTOR") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

- 1) Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21;
- 2) The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601 ), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- 3) Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex);
- 4) Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- 5) The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age);
- 6) Airport and Airway Improvement Act of 1982, (49 USC § 4 71, Section 4 7123 ), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- 7) The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and CONTRACTORs, whether such programs or activities are Federally funded or not);
- 8) Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation,

and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.P.R. parts 37 and 38;

- 9) The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- 10) Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- 11) Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100); and
- 12) Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).

#### 17. 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.

#### 18. 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.

#### 19. TERMINATION

- A. By County. County may, by written notice to CONTRACTOR, terminate this Agreement in whole or in part at any time, whether for County's convenience, for nonappropriation of funds, or because of the failure of CONTRACTOR to fulfill the obligations herein.
  - 1) **For Convenience**. County may terminate this Agreement in whole or in part upon thirty (30) days written 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.
  - 2) **For Nonappropriation of Funds**. Notwithstanding any other provision of this Agreement, in the event that no funds or insufficient funds are appropriated or budgeted by federal, state or County governments, or funds are not otherwise available for payments in the fiscal year(s) covered by the term of this Agreement, then County will notify CONTRACTOR of such occurrence and County may terminate or suspend this Agreement in whole or in part, with or without a prior notice period. Subsequent to termination of this Agreement under this provision, County shall have no obligation to make payments with regard to the remainder of the term.
  - 3) **For Cause**. Should CONTRACTOR default in the performance of this Agreement or materially breach any of its provisions, County may, at County's sole option, terminate or suspend this Agreement in whole or in part by written notice. Upon receipt of notice, CONTRACTOR shall immediately discontinue all services affected (unless the notice directs otherwise) and notify County as to the status of its performance. The date of termination shall be the date the notice is received by CONTRACTOR, unless the notice directs otherwise.
- B. By CONTRACTOR. 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.
- C. 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. Notwithstanding any other payment provision of this Agreement, County shall pay CONTRACTOR for satisfactory services performed to the date of termination to include a prorated amount of compensation due hereunder less payments, if any, previously

made. In no event shall CONTRACTOR be paid an amount in excess of the full price under this Agreement nor for profit on unperformed portions of service. 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.

## **20. 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.

## **21. 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.

## **22. 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.

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

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

## **24. 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.

## **25. 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.

## **26. 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.

## **27. 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.

## **28. 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.

## **29. 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.

### **30. 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.

### **31. 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.

### **32. 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.

### **33. HANDLING OF PROPRIETARY INFORMATION**

CONTRACTOR understands and agrees that certain materials which may be provided by County may be classified and conspicuously labeled as proprietary confidential information. That material is to be subject to the following special provisions:

- A. All reasonable steps will be taken to prevent disclosure of the material to any person except those personnel of CONTRACTOR working on the project who have a need to use the material.
- B. Upon conclusion of CONTRACTOR's work, CONTRACTOR shall return all copies of the material direct to party providing such material. CONTRACTOR shall contact County to obtain the name of the specific party authorized to receive the material.

### **34. IMMATERIAL AMENDMENTS**

CONTRACTOR and County agree that immaterial amendments to this Agreement such as time frame and mutually agreeable work program changes which will not result in a change to the total Agreement 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.

### **35. NEWS RELEASES/INTERVIEWS**

CONTRACTOR agrees for itself, its agents, employees, and subcontractors, it will not communicate with representatives of the communications media concerning the subject matter of this Agreement without prior written approval of the County Agency Contact Person. CONTRACTOR further agrees that all media requests for communication will be referred to County's responsible personnel.

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

As applicable:

- 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 Agreement 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.

E. Payroll Records

1. As Each CONTRACTOR and Subcontractor shall keep accurate certified payroll records and supporting documents as mandated by Labor Code §1776 and as defined in 8 CCR §16000 showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed by the CONTRACTOR or Subcontractor in connection with the public work. Each payroll record shall contain or be verified by a written declaration that it is made under penalty of perjury, stating both of the following:
  - i. The information contained in the payroll record is true and correct.
  - ii. The employer has complied with the requirements of Labor Code §1771, §1811, and §1815 for any work performed by his or her employees on the public works project.
2. The payroll records enumerated under paragraph (1) above shall be certified as correct by the CONTRACTOR under penalty of perjury. The payroll records and all supporting documents shall be made available for inspection and copying by COUNTY representatives at all reasonable hours at the principal office of the CONTRACTOR. The CONTRACTOR shall provide copies of certified payrolls or permit inspection of its records as follows:
  - i. The payroll records enumerated under paragraph (1) above shall be certified as correct by the CONTRACTOR under penalty of perjury. The payroll records and all supporting documents shall be made available for inspection and copying by COUNTY representatives at all reasonable hours at the principal office of the CONTRACTOR. The CONTRACTOR shall provide copies of certified payrolls or permit inspection of its records as follows:
  - ii. A certified copy of all payroll records enumerated in paragraph (1) above, shall be made available for inspection or furnished upon request to a representative of COUNTY, the Division of Labor Standards Enforcement and the Division of Apprenticeship Standards of the Department of Industrial Relations. Certified payrolls submitted to COUNTY, the Division of Labor Standards Enforcement and the Division of Apprenticeship Standards shall not be altered or obliterated by the CONTRACTOR.
  - iii. The public shall not be given access to certified payroll records by the CONTRACTOR. The CONTRACTOR is required to forward any requests for certified payrolls to the COUNTY Contract Administrator by both email and regular mail on the business day following receipt of the request.
3. Each CONTRACTOR shall submit a certified copy of the records enumerated in paragraph (1) above, to the entity that requested the records within ten (10) calendar days after receipt of a written request.
4. Any copy of records made available for inspection as copies and furnished upon request to the public or any public agency by COUNTY shall be marked or obliterated in such a manner as to prevent disclosure of each individual's name, address, and social security number. The name and address of the CONTRACTOR or Subcontractor performing the work shall not be marked or obliterated.
5. The CONTRACTOR shall inform COUNTY of the location of the records enumerated under paragraph (1) above, including the street address, city and county, and shall, within five (5) working days, provide a notice of a change of location and address.
6. The CONTRACTOR or Subcontractor shall have ten (10) calendar days in which to comply subsequent to receipt of written notice requesting the records enumerated in paragraph (1) above. In the event the CONTRACTOR or Subcontractor fails to comply within the ten (10) day period, he or she shall, as a penalty to COUNTY, forfeit one hundred dollars (\$100) for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Such penalties shall be withheld by COUNTY from payments then due. CONTRACTOR is not subject to a penalty assessment pursuant to this section due to the failure of a Subcontractor to comply with this section.

F. When prevailing wage rates apply, the CONTRACTOR is responsible for verifying compliance with certified payroll requirements. Invoice payment will not be made until the invoice is approved by the COUNTY Contract Administrator.

G. Penalty

1. The CONTRACTOR and any of its Subcontractors shall comply with Labor Code §1774 and §1775. Pursuant to Labor Code §1775, the CONTRACTOR and any Subcontractor shall forfeit to the COUNTY a penalty of not more than two hundred dollars (\$200) for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the Director of DIR for the work or craft in which the worker is employed for any public work done under the AGREEMENT by the CONTRACTOR or by its Subcontractor in violation of the requirements of the Labor Code and in particular, Labor Code §§1770 to 1780, inclusive.

2. The amount of this forfeiture shall be determined by the Labor Commissioner and shall be based on consideration of mistake, inadvertence, or neglect of the CONTRACTOR or Subcontractor in failing to pay the correct rate of prevailing wages, or the previous record of the CONTRACTOR or Subcontractor in meeting their respective prevailing wage obligations, or the willful failure by the CONTRACTOR or Subcontractor to pay the correct rates of prevailing wages. A mistake, inadvertence, or neglect in failing to pay the correct rates of prevailing wages is not excusable if the CONTRACTOR or Subcontractor had knowledge of the obligations under the Labor Code. The CONTRACTOR is responsible for paying the appropriate rate, including any escalations that take place during the term of the AGREEMENT.
3. In addition to the penalty and pursuant to Labor Code §1775, the difference between the prevailing wage rates and the amount paid to each worker for each calendar day or portion thereof for which each worker was paid less than the prevailing wage rate shall be paid to each worker by the CONTRACTOR or Subcontractor.
4. If a worker employed by a Subcontractor on a public works project is not paid the general prevailing per diem wages by the Subcontractor, the prime CONTRACTOR of the project is not liable for the penalties described above unless the prime CONTRACTOR had knowledge of that failure of the Subcontractor to pay the specified prevailing rate of wages to those workers or unless the prime CONTRACTOR fails to comply with all of the following requirements:
  - a. The AGREEMENT executed between the CONTRACTOR and the Subcontractor for the performance of work on public works projects shall include a copy of the requirements in Labor Code §§ 1771, 1775, 1776, 1777.5, 1813, and 1815.
  - b. The CONTRACTOR shall monitor the payment of the specified general prevailing rate of per diem wages by the Subcontractor to the employees by periodic review of the certified payroll records of the Subcontractor.
  - c. Upon becoming aware of the Subcontractor's failure to pay the specified prevailing rate of wages to the Subcontractor's workers, the CONTRACTOR shall diligently take corrective action to halt or rectify the failure, including but not limited to, retaining sufficient funds due the Subcontractor for work performed on the public works project.
  - d. Prior to making final payment to the Subcontractor for work performed on the public works project, the CONTRACTOR shall obtain an affidavit signed under penalty of perjury from the Subcontractor that the Subcontractor had paid the specified general prevailing rate of per diem wages to the Subcontractor's employees on the public works project and any amounts due pursuant to Labor Code §1813.
5. Pursuant to Labor Code §1775, COUNTY shall notify the CONTRACTOR on a public works project within fifteen (15) calendar days of receipt of a complaint that a Subcontractor has failed to pay workers the general prevailing rate of per diem wages.
6. If COUNTY determines that employees of a Subcontractor were not paid the general prevailing rate of per diem wages and if COUNTY did not retain sufficient money under the AGREEMENT to pay those employees the balance of wages owed under the general prevailing rate of per diem wages, the CONTRACTOR shall withhold an amount of moneys due the Subcontractor sufficient to pay those employees the general prevailing rate of per diem wages if requested by COUNTY.

H. Hours of Labor

Eight (8) hours labor constitutes a legal day's work. The CONTRACTOR shall forfeit, as a penalty to the COUNTY, twenty-five dollars (\$25) for each worker employed in the execution of the AGREEMENT by the CONTRACTOR or any of its Subcontractors for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any one calendar day and forty (40) hours in any one calendar week in violation of the provisions of the Labor Code, and in particular §§1810 to 1815 thereof, inclusive, except that work performed by employees in excess of eight (8) hours per day, and forty (40) hours during any one week, shall be permitted upon compensation for all hours worked in excess of eight (8) hours per day and forty (40) hours in any week, at not less than one and one-half (1.5) times the basic rate of pay, as provided in §1815.

I. Employment of Apprentices

1. Where either the prime AGREEMENT or the subagreement exceeds thirty thousand dollars (\$30,000), the CONTRACTOR and any subcontractors under him or her shall comply with all applicable requirements of Labor Code §§ 1777.5, 1777.6 and 1777.7 in the employment of apprentices.
2. CONTRACTORS and subcontractors are required to comply with all Labor Code requirements regarding the employment of apprentices, including mandatory ratios of journey level to apprentice workers. Prior to commencement of work, CONTRACTOR and subcontractors are advised to contact the DIR Division of Apprenticeship Standards website at <https://www.dir.ca.gov/das/>, for additional information regarding the employment of apprentices and for the specific journey-to- apprentice ratios for the AGREEMENT work. The CONTRACTOR is responsible for all subcontractors' compliance

with these requirements. Penalties are specified in Labor Code §1777.7.

**37. 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. When a CONTRACTOR or Subcontractor is a Non-Profit Organization or an Institution of Higher Education, the Cost Principles for Title 2 CFR Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards shall apply.”
- E. All subcontracts shall contain the above provisions.

**38. SUBCONTRACTING**

- A. Nothing contained in this Agreement 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 Agreement shall be subcontracted without written authorization by County’s designated representative, 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 Agreement shall contain all the provisions stipulated in this Agreement to be applicable to subcontractors.
- E. Any substitution of subcontractor(s) must be approved in writing by County’s designated representative prior to the start of work by the subcontractor(s).
- F. Prompt Progress Payment  
CONTRACTOR or subcontractor shall pay to any subcontractor, not later than fifteen (15) days after receipt of each progress payment, unless otherwise agreed to in writing, the respective amounts allowed CONTRACTOR on account of the work performed by the subcontractors, to the extent of each subcontractor’s interest therein. In the event that there is a good faith dispute over all or any portion of the amount due on a progress payment from CONTRACTOR or subcontractor to a subcontractor, CONTRACTOR or subcontractor may withhold no more than 150 percent of the disputed amount. Any violation of this requirement shall constitute a cause for disciplinary action and shall subject the licensee to a penalty, payable to the subcontractor, of 2 percent of the amount due per month for every month that payment is not made.  
  
In any action for the collection of funds wrongfully withheld, the prevailing party shall be entitled to his or her attorney’s fees and costs. The sanctions authorized under this requirement shall be separate from, and in addition to, all other remedies, either civil, administrative, or criminal. This clause applies to both DBE and non-DBE subcontractors.
- G. Prompt Payment of Withheld Funds to Subcontractors  
No retainage will be held by the County from progress payments due to CONTRACTOR.  
CONTRACTORS and subcontractors are prohibited from holding retainage from subcontractors. Any

delay or postponement of payment may take place only for good cause and with the COUNTY's prior written approval. Any violation of these provisions shall subject the violating CONTRACTOR or subcontractor to the penalties, sanctions, and other remedies specified in Section 3321 of the California Civil Code. This requirement shall not be construed to limit or impair any contractual, administrative or judicial remedies, otherwise available to CONTRACTOR or subcontractor in the event of a dispute involving late payment or nonpayment by CONTRACTOR, deficient subcontractor performance and/or noncompliance by a subcontractor. This clause applies to both DBE and non-DBE subcontractors.

Any violation of these provisions shall subject the violating CONTRACTOR or subcontractor to the penalties, sanctions and other remedies specified therein. These requirements shall not be construed to limit or impair any contractual, administrative, or judicial remedies otherwise available to CONTRACTOR or subcontractor in the event of a dispute involving late payment or nonpayment by CONTRACTOR, deficient subcontract performance, or noncompliance by a subcontractor.

### **39. SUBCONTRACTORS**

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.

### **40. EQUIPMENT PURCHASES**

- A. Prior authorization in writing, by County's designated representative 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 designated representative; 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 Agreement 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 Agreement, or if the Agreement 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.

### **41. AUDIT REVIEW PROCEDURES**

- A. Any dispute concerning a question of fact arising under an interim or post audit of this Agreement 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 Agreement.
- D. CONTRACTOR and subcontractor Agreements, including cost proposals and Indirect Cost Rates (ICR), may be subject to audits or reviews such as, but not limited to, an Agreement audit, an incurred cost audit, an ICR Audit, or a CPA ICR audit work paper review. If selected for audit or review, the Agreement, 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, County, or local government officials are allowed full access



to the CPA's work papers including making copies as necessary. The Agreement, cost proposal, and ICR shall be adjusted by CONTRACTOR and approved by County 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 Agreement 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, County or local governments have access to CPA work papers, will be considered a breach of Agreement terms and cause for termination of the Agreement and disallowance of prior reimbursed costs.

E. CONTRACTOR's Cost Proposal may be subject to a CPA ICR Audit Work Paper Review and/or audit by the Independent Office of Audits and Investigations (IOAI). IOAI, 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 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 Agreement terms and cause for termination of the Agreement and disallowance of prior reimbursed costs.

- 1) During IOAI's review of the ICR audit work papers created by the CONTRACTOR's independent CPA, IOAI 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 IOAI identifies significant issues during the review and is unable to issue a cognizant approval letter, County will reimburse the CONTRACTOR at an accepted ICR until a FAR (Federal Acquisition Regulation) 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 (AASHTO) Audit Guide and other applicable procedures and guidelines is received and approved by IOAI.

Accepted rates will be as follows:

- a. If the proposed rate is less than one hundred fifty percent (150%) - the accepted rate reimbursed will be ninety percent (90%) of the proposed rate.
  - b. If the proposed rate is between one hundred fifty percent (150%) and two hundred percent (200%) -the accepted rate will be eighty-five percent (85%) of the proposed rate.
  - c. If the proposed rate is greater than two hundred percent (200%) - the accepted rate will be seventy-five percent (75%) of the proposed rate.
- 2) If IOAI is unable to issue a cognizant letter per paragraph E.1. above, IOAI 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. IOAI will then have up to six (6) 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 paragraph E, or if IOAI 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 accepted 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 accepted ICR will become the actual and final ICR for reimbursement purposes under this Agreement.
  - 4) CONTRACTOR may submit to County final invoice only when all of the following items have occurred: (1) IOAI accepts or adjusts the original or revised independent CPA audited ICR; (2) all work under this Agreement has been completed to the satisfaction of County; and, (3) IOAI has issued its final ICR review letter. The CONTRACTOR MUST SUBMIT ITS FINAL INVOICE TO COUNTY no later than sixty (60) calendar days after occurrence of the last of these items. The accepted ICR will apply to this Agreement and all other agreements executed between County and the CONTRACTOR, either as a prime or subcontractor, with the same fiscal period ICR.

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

CONTRACTOR warrants that this Agreement 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 Agreement without liability; to pay only for the value of the work actually performed; or to deduct from the Agreement price; or otherwise recover the full amount of such rebate, kickback or other unlawful consideration.

#### **43. 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.

#### **44. 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 Agreement 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).

#### **45. 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.

#### **46. 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 90 days. County shall incur no liability for suspension under this provision and suspension shall not constitute a breach of this Agreement.

#### **47. DISADVANTAGE BUSINESS ENTERPRISE REQUIREMENTS**

CONTRACTOR must submit Local Assistance Procedures Manual Exhibit 9-P, 'Prompt Payment Certification,' no later than the 15<sup>th</sup> day of the following month after following the month of any payment(s). If the prime contractor or consultant does not make any payments to subcontractors, supplier(s) and/or manufacturers they must report "no payments were made to subs this month" and write this visibly and legibly on Exhibit 9-P. COUNTY will verify all Exhibit 9-P information, monitor compliance with prompt payment requirements for DBE and non-DBE firms, and address any shortfalls to the DBE commitment and prompt payment issues until the end of the project. COUNTY will email a copy to [DBE.Forms@dot.ca.gov](mailto:DBE.Forms@dot.ca.gov) before the end of the month after receiving Exhibit 9-P from the CONTRACTOR.

A. CONTRACTOR or subcontractor shall take necessary and reasonable steps to ensure that DBEs have opportunities to participate in the contract (49 CFR 26). To ensure equal participation of DBEs provided in 49 CFR 26.5, The COUNTY shows a contract goal for DBEs. CONTRACTOR shall make work available to DBEs and select work parts consistent with available DBE subcontractors and suppliers.

CONTRACTOR shall meet the DBE goal shown elsewhere in this Agreement or demonstrate that they made adequate good faith efforts to meet this goal. It is CONTRACTOR's responsibility to verify at date of proposal opening that the DBE firm is certified as a DBE by using the California Unified Certification Program (CUPC) database and possess the most specific available North American Industry Classification System (NAICA) codes or work code applicable to the type of work the firm will perform on the contract. Additionally, the CONTRACTOR is responsible to document the verification record by printing out the CUCP date for each firm. A list of DBEs certified by the CUCP can be found at <https://caltrans.dbesystem.com>.

All DBE participation will count toward the California Department of Transportation's federally mandated statewide overall DBE goal. Credit for materials or supplies CONTRACTOR purchases from DBEs counts towards the goal in the following manner:

- 100 percent counts if the materials or supplies are obtained from a DBE manufacturer.
- 60 percent counts if the materials or supplies are purchased from a DBE regular dealer.
- Only fees, commissions, and charges for assistance in the procurement and delivery of materials or supplies count if obtained from a DBE that is neither a manufacturer nor regular dealer. 49 CFR 26.55 defines "manufacturer" and "regular dealer."

This AGREEMENT is subject to 49 CFR Part 26 entitled "Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assistance Programs". CONTRACTORS who enter into a federally-funded agreement will assist the COUNTY in a good faith effort to achieve California's statewide overall DBE goal.

B. The goal for DBE participation for this AGREEMENT is 13 %. Participation by DBE CONTRACTOR or subcontractors shall be in accordance with information contained in Exhibit 10-O2: CONTRACTOR Contract DBE Commitment attached hereto and incorporated as part of the AGREEMENT. If a DBE subcontractor is unable to perform, CONTRACTOR must make a good faith effort to replace him/her with another DBE subcontractor, if the goal is not otherwise met.

C. CONTRACTOR can meet the DBE participation goal by either documenting commitments to DBEs to meet the AGREEMENT goal, or by documenting adequate good faith efforts to meet the AGREEMENT goal. An adequate good faith effort means that the CONTRACTOR must show that it took all necessary and reasonable steps to achieve a DBE goal that, by their scope, intensity, and appropriateness to the objective, could reasonably be expected to meet the DBE goal. If CONTRACTOR has not met the DBE goal, complete and submit Exhibit 15-H: DBE Information – Good Faith Efforts to document efforts to meet the goal. Refer to 49 CFR Part 26 for guidance regarding evaluation of good faith efforts to meet the DBE goal.

D. Contract Assurance

Under 49 CFR 26.13(b):

CONTRACTOR or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. CONTRACTOR shall carry out applicable requirements of 49 CFR 26 in the award and administration of federal-aid contracts.

Failure by the CONTRACTOR to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate, which may include, but is not limited to:

- (1) Withholding monthly progress payments;
- (2) Assessing sanctions;
- (3) Liquidated damages; and/or
- (4) Disqualifying CONTRACTOR from future proposing as non-responsible

E. Termination and Replacement of DBE Subcontractors

CONTRACTOR shall utilize the specific DBEs listed to perform the work and supply the materials for which each is listed unless CONTRACTOR obtains the COUNTY's written consent. CONTRACTOR shall not terminate or substitute a listed DBE for convenience and perform the work with their own forces or obtain materials from other sources without authorization from the COUNTY. Unless the COUNTY's consent is provided, the CONTRACTOR shall not be entitled to any payment for work or material unless it is performed or supplied by the listed DBE on the Exhibit 10-02 CONTRACTOR Contract DBE Commitment form, included in the Bid.

CONTRACTOR may request to use other forces or sources of materials if CONTRACTOR shows any of the following justifications:

Termination of DBE Subcontractors

1. Listed DBE fails or refuses to execute a written contract based on plans and specifications for the project.
2. The COUNTY stipulated that a bond is a condition of executing the subcontract and the listed DBE fails to meet the COUNTY's bond requirements.
3. Work requires a Professional license and listed DBE does not have a valid license under CONTRACTORs License Law.
4. Listed DBE fails or refuses to perform the work or furnish the listed materials (failing or refusing to perform is not an allowable reason to remove a DBE if the failure or refusal is a result of bad faith or discrimination).
5. Listed DBE's work is unsatisfactory and not in compliance with the contract.
6. Listed DBE is ineligible to work on the project because of suspension or debarment.
7. Listed DBE becomes bankrupt or insolvent.
8. Listed DBE voluntarily withdraws with written notice from the Contract
9. Listed DBE is ineligible to receive credit for the type of work required.
10. Listed DBE owner dies or becomes disabled resulting in the inability to perform the work on the Contract.
11. The COUNTY determines other documented good cause.

CONTRACTOR must use the following procedures to request the termination of a DBE or portion of a DBE's work:

1. Send a written notice to the DBE of the CONTRACTOR's intent to use other forces or material sources and include one or more justifiable reasons listed above. Simultaneously send a copy of this written notice to the COUNTY. The written notice to the DBE must request they provide any response within five (5) business days to both the CONTRACTOR and the COUNTY by either acknowledging their agreement or documenting their reasoning as to why the use of other forces or sources of materials should not occur.
2. If the DBE does not respond within five (5) business days, CONTRACTOR may move forward with the request as if the DBE had agreed to CONTRACTOR's written notice.
3. Submit CONTRACTOR's DBE termination request by written letter to the COUNTY and include:
  - One or more above listed justifiable reasons along with supporting documentation
  - CONTRACTOR's written notice to the DBE regarding the request, including proof of transmission and tracking documentation of CONTRACTOR's written notice
  - The DBE's response to CONTRACTOR's written notice, if received. If a written response was not provided, provide a statement to that effect.

The COUNTY shall respond in writing to CONTRACTOR's DBE termination request within five (5) business days.

Replacement of DBE subcontractors



After receiving the COUNTY's written authorization of DBE termination request, CONTRACTOR must obtain the COUNTY's written agreement for DBE replacement. CONTRACTOR must find or demonstrate GFEs to find qualified DBE replacement firms to perform the work to the extent needed to meet the DBE commitment.

The following procedures shall be followed to request authorization to replace a DBE firm:

1. Submit a request to replace a DBE with other forces or material sources in writing to the LOCAL AGENCY which must include: a.
  - Description of remaining uncommitted work item made available for replacement DBE solicitation and participation.
  - The proposed DBE replacement firm's business information, the work they have agreed to perform, and the following:
    - i. Description of scope of work and cost proposal
    - ii. Proposed subcontract agreement and written confirmation of agreement to perform on the Contract
    - iii. Revised Exhibit 10-O2: Contractor Contract DBE Commitment
2. If CONTRACTOR has not identified a DBE replacement firm, submits documentation of CONTRACTOR's GFEs to use DBE replacement firms within seven (7) days of COUNTY's authorization to terminate the DBE. CONTRACTOR may request the COUNTY's approval to extend this submittal period to a total of 14 days. Submit documentation of actions taken to find a DBE replacement firm, such as:
  - Search results of certified DBEs available to perform the original DBE work identified and or other work CONTRACTOR had intended to self-perform, to the extent needed to meet DBE commitment
  - Solicitations of DBEs for performance of work identified
  - Correspondence with interested DBEs that may have included contract details and requirements
  - Negotiation efforts with DBEs that reflect why an agreement was not reached
  - If a DBE's quote was rejected, provide reasoning for the rejection, such as why the DBE was unqualified for the work, or why the price quote was unreasonable or excessive
  - Copies of each DBE's and non-DBE's price quotes for work identified, as the COUNTY may contact the firms to verify solicitation efforts and determine if the DBE quotes are substantially higher
  - Additional documentation that supports CONTRACTOR's GFE

The COUNTY shall respond in writing to CONTRACTOR's DBE replacement request within five (5) business days.

#### F. Commitment and Utilization

The COUNTY's DBE program includes a monitoring and enforcement mechanism to ensure that DBE commitments reconcile to DBE utilization.

The CONTRACTOR shall:

1. Notify the COUNTY's contract administrator or designated representative of any changes to its anticipated DBE participation
2. Provide this notification before starting the affected work
3. Maintain records including:
  - Name and business address of each 1st-tier subcontractor
  - Name and business address of each DBE subcontractor, DBE vendor, and DBE trucking company, regardless of tier
  - Date of payment and total amount paid to each business (see Exhibit 9-F Monthly Disadvantaged Business Enterprise Payment)

If CONTRACTOR is a DBE CONTRACTOR, they shall include the date of work performed by their own forces and the corresponding value of the work.

If a DBE is decertified before completing its work, the DBE must notify CONTRACTOR in writing of the decertification date. If a business becomes a certified DBE before completing its work, the business must notify CONTRACTOR in writing of the certification date. CONTRACTOR shall submit the notifications to the COUNTY. On work completion, CONTRACTOR shall complete a Disadvantaged Business Enterprises (DBE) Certification Status Change, Exhibit 17-O, form and submit the form to the COUNTY within 30 days of contract acceptance.

Upon work completion, CONTRACTOR shall complete Exhibit 17-F Final Report – Utilization of Disadvantaged Business Enterprises (DBE), First-Tier Subcontractors and submit it to the COUNTY within 90 days of contract acceptance. The COUNTY will withhold \$10,000 until the form is submitted. The COUNTY will release the withhold upon submission of the completed form.

The COUNTY's reports of DBE participation to Caltrans, include both commitments and attainments.

#### G. Commercially Useful Function

A DBE is only eligible to be counted toward the AGREEMENT goal if it performs a commercially useful function (CUF) on the AGREEMENT, as set forth in 49 CFR § 26.55. The DBE value of work will only count toward the DBE commitment if the DBE performs a CUF. A DBE performs a CUF when it is responsible for execution of the work of the AGREEMENT and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a CUF, the DBE must also be responsible, with respect to materials and supplies used on the AGREEMENT, for negotiating price, determining quality and quantity, ordering the material and installing (where applicable), and paying for the material itself.

CONTRACTOR must perform CUF evaluation for each DBE working on a federal-aid contract, with or without a DBE goal. Perform a CUF evaluation at the beginning of the DBE's work and continue to monitor the performance of CUF for the duration of the project.

CONTRACTOR must provide written notification to the COUNTY at least 15 days in advance of each DBE's initial performance of work or supplying materials for the Contract. The notification must include the DBE's name, work the DBE will perform on the contract, and the location, date, and time of where their work will take place. Within 10 days of a DBE initially performing work or supplying materials on the Contract, CONTRACTOR shall submit to the LPA the initial evaluation and validation of DBE performance of a CUF using the LAPM 9-J: Disadvantaged Business Enterprise Commercially Useful Function Evaluation. Include the following information with the submittal:

- Subcontract agreement with the DBE
- Purchase orders
- Bills of lading
- Invoices
- Proof of payment

CONTRACTOR must monitor all DBE's performance of CUF by conducting quarterly evaluations and validations throughout their duration of work on the Contract using the LAPM 9-J: DBE Commercially Useful Function Evaluation. CONSULTANT must submit to the COUNTY these quarterly evaluations and validations by the 5<sup>th</sup> of the month for the previous 3 months of work.

CONTRACTOR must notify the LOCAL AGENCY immediately if they believe the DBE may not be performing a CUF.

The COUNTY will verify DBEs performance of CUF by reviewing the initial and quarterly submissions of LAPM 9-J: DBE Commercially Useful Function Evaluation, submitted supporting information, field observations, and through any additional COUNTY evaluations. The COUNTY must evaluate DBEs and their CUF performance throughout the duration of a Contract. The COUNTY will provide written notice to the CONTRACTOR and the DBE at least two (2) business days prior to any evaluation. The CONTRACTOR and the DBE must participate in the evaluation. Upon completing the evaluation, the COUNTY must share the evaluation results with the CONTRACTOR and the DBE. An evaluation could include items that must be remedied upon receipt. If the COUNTY determines the DBE is not performing a CUF, the CONTRACTOR must suspend performance of the noncompliant work.

CONTRACTOR and DBEs must submit any additional CUF related records and documents within five (5) business days of LOCAL AGENCY's request such as:

- Proof of ownership or lease and rental agreements for equipment
- Tax records
- Employee rosters
- Certified payroll records
- Inventory rosters

Failure to submit required DBE Commercially Useful Function Evaluation forms or requested records and documents can result in withholding of payment for the value of work completed by the DBE.

If CONTRACTOR and/or the COUNTY determine that a listed DBE is not performing a CUF in performance of their DBE committed work, CONTRACTOR must immediately suspend performance of the noncompliant portion of the work. COUNTY may deny payment for the noncompliant portion of the work. COUNTY will ask the CONTRACTOR to submit a corrective action plan (CAP) to the COUNTY within five (5) days of the noncompliant CUF determination. The CAP must identify how the CONTRACTOR will correct the noncompliance findings for the remaining portion of the DBE's work. COUNTY has five (5) days to review the CAP in conjunction with the CONTRACTOR's review. The CONTRACTOR must implement the CAP within five (5) days of the COUNTY's approval. The COUNTY will then authorize the prior noncompliant portion of work for the DBE's committed work.

If corrective actions cannot be accomplished to ensure the DBE performs a commercially useful function on the Contract, CONTRACTOR may have good cause to request termination of the DBE.

- H. A DBE does not perform a CUF if its role is limited to that of an extra participant in a transaction, AGREEMENT, or project through which funds are passed in order to obtain the appearance of DBE participation. In determining whether a DBE is such an extra participant, examine similar transactions, particularly those in which DBEs do not participate.
- I. If a DBE does not perform or exercise responsibility for at least thirty percent (30%) of the total cost of its AGREEMENT with its own work force, or the DBE subcontracts a greater portion of the work of the AGREEMENT than would be expected on the basis of normal industry practice for the type of work involved, it will be presumed that it is not performing a CUF.
- J. CONTRACTOR shall maintain records of materials purchased or supplied from all subcontracts entered into with certified DBEs. The records shall show the name and business address of each DBE or vendor and the total dollar amount actually paid each DBE or vendor, regardless of tier. The records shall show the date of payment and the total dollar figure paid to all firms. DBE CONTRACTOR's shall also show the date of work performed by their own forces along with the corresponding dollar value of the work.
- K. If a DBE subcontractor is decertified during the life of the AGREEMENT, the decertified subcontractor shall notify CONTRACTOR in writing with the date of decertification. If a subcontractor becomes a certified DBE during the life of the AGREEMENT, the subcontractor shall notify CONTRACTOR in writing with the date of certification. Any changes should be reported to COUNTY's Contract Administrator within thirty (30) calendar days.
- L. CONTRACTOR must submit Exhibit 9-P: Prompt Payment Certification to the by the 15th of the month following the month of any payment(s). If the CONTRACTOR does not make any payments to subconsultants, supplier(s), and/or manufacturers they must report "no payments were made to subs this month" and write this visibly and legibly on Exhibit 9-P.
- M. Any subcontract entered into as a result of this AGREEMENT shall contain all of the provisions of this section.

**48. FUNDING REQUIREMENTS**

- A. It is mutually understood between the parties that this AGREEMENT may have been written before ascertaining the availability of funds or appropriation of funds, for the mutual benefit of both parties, in order to avoid program and fiscal delays that would occur if the AGREEMENT were executed after that determination was made.

- B. This AGREEMENT is valid and enforceable only if sufficient funds are made available to County for the purpose of this AGREEMENT. In addition, this AGREEMENT is subject to any additional restrictions, limitations, conditions, or any statute enacted by the Congress, State Legislature, or County governing board that may affect the provisions, terms, or funding of this AGREEMENT in any manner.
- C. It is mutually agreed that if sufficient funds are not appropriated, this AGREEMENT may be amended to reflect any reduction in funds.
- D. County has the option to terminate the AGREEMENT pursuant to Article VI Termination, or by mutual agreement to amend the AGREEMENT to reflect any reduction of funds.

**49. SAFETY**

- A. CONTRACTOR shall comply with OSHA regulations applicable to CONTRACTOR regarding necessary safety equipment or procedures. CONTRACTOR shall comply with safety instructions issued by COUNTY Safety Officer and other COUNTY representatives. CONTRACTOR personnel shall wear hard hats and safety vests at all times while working on the construction project site.
- B. Pursuant to the authority contained in Vehicle Code § 591, COUNTY has determined that such areas are within the limits of the project and are open to public traffic. CONTRACTOR shall comply with all of the requirements set forth in Divisions 11, 12, 13, 14, and 15 of the Vehicle Code. CONTRACTOR shall take all reasonably necessary precautions for safe operation of its vehicles and the protection of the traveling public from injury and damage from such vehicles.
- C. CONTRACTOR must have a Division of Occupational Safety and Health (CAL-OSHA) permit(s), as outlined in Labor Code § 6500 and § 6705, prior to the initiation of any practices, work, method, operation, or process related to the construction or excavation of trenches which are five (5) feet or deeper.

**50. NATIONAL LABOR RELATIONS BOARD CERTIFICATION**

In accordance with Public Contract Code §10296, CONTRACTOR hereby states under penalty of perjury that no more than one final unappealable finding of contempt of court by a federal court has been issued against CONTRACTOR within the immediately preceding two-year period, because of CONTRACTOR's failure to comply with an order of a federal court that orders CONTRACTOR to comply with an order of the National Labor Relations Board.

**51. PROMPT PAYMENT FROM THE COUNTY TO CONTRACTOR**

The County shall make any progress payment within 30 days after receipt of an undisputed and properly submitted payment request from CONTRACTOR on a professional service contract. If the County fails to pay promptly, the County shall pay interest to the CONTRACTOR, which accrues at the rate of 10 percent per annum on the principal amount of a money judgment remaining unsatisfied. Upon receipt of a payment request, the County shall act in accordance with both of the following:

- a. Each payment request shall be reviewed by the County as soon as practicable after receipt for the purpose of determining that the payment request is a proper payment request.

Any payment request determined not to be a proper payment request suitable for payment shall be returned to County as soon as practicable, but not later than seven (7) days, after receipt. A request returned pursuant to this paragraph shall be accompanied by a document setting forth in writing the reasons why the payment request is not proper.

**52. PROHIBITION ON CERTAIN TELECOMM PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT**

- A. CONTRACTOR is prohibited from obligating or expending loan or grant funds to:
  - i. Procure or obtain;
  - ii. Extend or renew a contract to procure or obtain; or
  - iii. Enter into a contract (or extend or renew a contract) to procure or obtain equipment, services, or systems that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. As described in Public Law 115-232, section 889, covered telecommunications equipment is telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities).
- B. For the purpose of public safety, security of government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications



- equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities).
- C. Telecommunications or video surveillance services provided by such entities or using such equipment.
  - D. Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of the National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.
  - E. In implementing the prohibition under Public Law 115-232, section 889, subsection (f), paragraph (1), heads of executive agencies administering loan, grant, or subsidy programs shall prioritize available funding and technical support to assist affected businesses, institutions and organizations as is reasonably necessary for those affected entities to transition from covered communications equipment and services, to procure replacement equipment and services, and to ensure that communications service to users and customers is sustained.
  - F. See Public Law 115-232, section 889 for additional information.
  - G. See also 2 CFR § 200.471.

### 53. DOMESTIC PREFERENCES FOR PROCUREMENTS

- A. As appropriate and to the extent consistent with law, the CONTRACTOR should, to the greatest extent practicable, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). The requirements of this section must be included in all subcontractor agreements.
- B. For purposes of this section:
  - i. “Produced in the United States” means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.
  - ii. “Manufactured products” means items and construction materials composed in whole or in part of nonferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

### 54. TITLE VI ASSURANCES

#### APPENDICES of the TITLE VI ASSURANCES

CONTRACTOR shall comply with the following Appendices of the Title VI Assurances as shown below. CONTRACTOR must include any applicable Title VI Assurances in all subcontracts to perform work under the contract.

The clauses of Appendix B of this Assurance shall be included as a covenant running with the land, in any deed from the United States effecting or recording a transfer of real property, structures, use, or improvements thereon or interest therein to a COUNTY.

The clauses set forth in Appendix C and Appendix D of this Assurance shall be included as a covenant running with the land, in any future deeds, leases, licenses, permits, or similar instruments entered into by the COUNTY with other parties:

- a. for the subsequent transfer of real property acquired or improved under the applicable activity, project, or program; and
- b. for the construction or use of, or access to, space on, over, or under real property acquired or improved under the applicable activity, project, or program.

#### APPENDIX A

During the performance of this Agreement, the CONTRACTOR, for itself, its assignees and successors in interest (herein collectively referred to as CONTRACTOR agrees as follows:

- a. Compliance with Regulations: CONTRACTOR shall comply with the regulations relative to nondiscrimination in federally assisted programs of the Department of Transportation, Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the REGULATIONS), which are herein incorporated by reference and made a part of this agreement.

- b. Nondiscrimination: CONTRACTOR, with regard to the work performed by it during the AGREEMENT, shall not discriminate on the grounds of race, color, sex, national origin, religion, age, or disability in the selection and retention of sub-applicants, including procurements of materials and leases of equipment. CONTRACTOR shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices when the agreement covers a program set forth in Appendix B of the Regulations.
- c. Solicitations for Sub-agreements, Including Procurements of Materials and Equipment: In all solicitations either by competitive bidding or negotiation made by CONTRACTOR for work to be performed under a Sub-agreement, including procurements of materials or leases of equipment, each potential sub-applicant or supplier shall be notified by CONTRACTOR of the CONTRACTOR'S obligations under this Agreement and the Regulations relative to nondiscrimination on the grounds of race, color, or national origin.
- d. Information and Reports: CONTRACTOR shall provide all information and reports required by the Regulations, or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the recipient or FHWA to be pertinent to ascertain compliance with such Regulations or directives. Where any information required of CONTRACTOR is in the exclusive possession of another who fails or refuses to furnish this information, CONTRACTOR shall so certify to the recipient or FHWA as appropriate, and shall set forth what efforts CONTRACTOR has made to obtain the information.
- e. Sanctions for Noncompliance: In the event of CONTRACTOR's noncompliance with the nondiscrimination provisions of this agreement, the recipient shall impose such agreement sanctions as it or the FHWA may determine to be appropriate, including, but not limited to:
  - i. withholding of payments to CONTRACTOR under the Agreement within a reasonable period of time, not to exceed 90 days; and/or
  - ii. cancellation, termination or suspension of the Agreement, in whole or in part.
- f. Incorporation of Provisions: CONTRACTOR shall include the provisions of paragraphs (1) through (6) in every sub-agreement, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto.

CONTRACTOR shall take such action with respect to any sub-agreement or procurement as the recipient or FHWA may direct as a means of enforcing such provisions including sanctions for noncompliance, provided, however, that, in the event CONTRACTOR becomes involved in, or is threatened with, litigation with a sub-applicant or supplier as a result of such direction, CONTRACTOR may request the recipient enter into such litigation to protect the interests of the State, and, in addition, CONTRACTOR may request the United States to enter into such litigation to protect the interests of the United States.

#### **APPENDIX B CLAUSES FOR DEEDS TRANSFERRING UNITED STATES PROPERTY**

The following clauses will be included in deeds effecting or recording the transfer of real property, structures, or improvements thereon, or granting interest therein from the United States pursuant to the provisions of Assurance 4:

**NOW THEREFORE**, the U.S. Department of Transportation as authorized by law and upon the condition that the recipient will accept title to the lands and maintain the project constructed thereon in accordance with Title 23 U.S.C., the regulations for the administration of the preceding statute, and the policies and procedures prescribed by the FHWA of the U.S. Department of Transportation in accordance and in compliance with all requirements imposed by Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation pertaining to and effectuating the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252; 42 U.S.C. § 2000d to 2000d-4), does hereby remise, release, quitclaim and convey unto the recipient all the right, title and interest of the U.S. Department of Transportation in and to said lands described in Exhibit A attached hereto and made a part hereof.

#### **(HABENDUM CLAUSE)**

**TO HAVE AND TO HOLD** said lands and interests therein unto the recipient and its successors forever, subject, however, to the covenants, conditions, restrictions and reservations herein contained as follows, which will remain

in effect for the period during which the real property or structures are used for a purpose for which Federal financial assistance is extended or for another purpose involving the provision of similar services or benefits and will be binding on the recipient, its successors and assigns. The recipient, in consideration of the conveyance of said lands and interest in lands, does hereby covenant and agree as a covenant running with the land for itself, its successors and assigns, that (1) no person will on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination with regard to any facility located wholly or in part on, over, or under such lands hereby conveyed [,] [and]\* (2) that the recipient will use the lands and interests in lands and interest in lands so conveyed, in compliance with all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation, Effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations and Acts may be amended[, and (3) that in the event of breach of any of the above-mentioned non-discrimination conditions, the Department will have a right to enter or re-enter said lands and facilities on said lands, and that above described land and facilities will thereon revert to and vest in and become the absolute property of the U.S. Department of Transportation and its assigns as such interest existed prior to this instruction].\* (\*Reverter clause and related language to be used only when it is determined that such a clause is necessary in order to make clear the purpose of Title VI.)

### **APPENDIX C**

#### **CLAUSES FOR TRANSFER OF REAL PROPERTY ACQUIRED OR IMPROVED UNDER THE ACTIVITY, FACILITY, OR PROGRAM**

The following clauses will be included in deeds, licenses, leases, permits, or similar instruments entered into by the recipient pursuant to the provisions of Assurance 7(a):

- A. The (grantee, lessee, permittee, etc. as appropriate) for himself/herself, his/her heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree [in the case of deeds and leases add “as a covenant running with the land” that:
  - 1) In the event facilities are constructed, maintained, or otherwise operated on the property described in this (deed, license, lease, permit, etc.) for a purpose for which a U.S. Department of Transportation activity, facility, or program is extended or for another purpose involving the provision of similar services or benefits, the (grantee, licensee, lessee, permittee, etc.) will maintain and operate such facilities and services in compliance with all requirements imposed by the Acts and Regulations(as may be amended) such that no person on the grounds of race, color, or national origin, will be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities.
- B. With respect to licenses, leases, permits, etc., in the event of breach of any of the above Non-discrimination covenants, the recipient will have the right to terminate the (lease, license, permit, etc.) and to enter, re-enter, and repossess said lands and facilities thereon, and hold the same as if the (lease, license, permit, etc.) had never been made or issued.\*
- C. With respect to a deed, in the event of breach of any of the above Non-discrimination covenants, the recipient will have the right to enter or re-enter the lands and facilities thereon, and the above described lands and facilities will there upon revert to and vest in and become the absolute property of the recipient and its assigns.\*

(\*Reverter clause and related language to be used only when it is determined that such a clause is necessary to make clear the purpose of Title VI.)

### **APPENDIX D**

#### **CLAUSES FOR CONSTRUCTION/USE/ACCESS TO REAL PROPERTY ACQUIRED UNDER THE ACTIVITY, FACILITY OR PROGRAM**

The following clauses will be included in deeds, licenses, permits, or similar instruments/agreements entered into by the recipient pursuant to the provisions of Assurance 7(b):

- A. The (grantee, licensee, permittee, etc., as appropriate) for himself/herself, his/her heirs, personal representatives, successors in interest ,and assigns, as a part of the consideration hereof, does hereby covenant and agree (in the case of deeds and leases add, “as a covenant running with the land”) that (1)

no person on the ground of race, color, or national origin, will be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities, (2) that in the construction of any improvements on, over, or under such land, and the furnishings of services thereon, no person on the ground of race, color, or national origin, will be excluded from participation in, denied the benefits or, or otherwise be subjected to discrimination, (3) that the (grantee, licensee, lessee, permittee, etc.) will use the premises in compliance with all other requirements imposed by or pursuant to the Acts and Regulations, as amended, set forth in this Assurance.

- B. With respect to (licenses, leases, permits, etc.) in the event of breach of any of the above of the above Non-discrimination covenants, the recipient will have the right to terminate the (license, permits, etc., as appropriate) and to enter or re-enter and repossess said land and the facilities thereon, and hold the same as if said (license, permit, etc., as appropriate) had never been made or issued.\*
- C. With respect to deeds, in the event of breach of any of the above Non-discrimination covenants, the recipient will there upon revert to and vest in and become the absolute property of the recipient and its assigns.

## APPENDIX E

During the performance of this contract, the CONTRACTOR, for itself, its assignees, and successors in interest agrees to comply with the following non-discrimination statutes and authorities, including, but not limited to:

### **Pertinent Non-Discrimination Authorities:**

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 C.F.R. Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 +U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), prohibits discrimination on the basis of sex;
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 C.F.R. Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.) (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 U.S.C. § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients and CONTRACTORS, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibit discrimination of the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 – 12189) as implemented by Department of Transportation regulations 49 C.F.R. parts 37 and 38;
- The Federal Aviation Administration’s Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;

- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).

**55. INDEFINITE DELIVERY, INDEFINITE QUANTITY**

This is an indefinite-quantity contract for the services specified, and effective for the period stated in Section 4. Performance shall be made only as authorized by task orders. The CONTRACTOR shall furnish to the County, when and if ordered, the services specified within the scope of Exhibit A and the specific task order, but shall in no way exceed the amount specified in Exhibit B. The County shall order at least the minimum amount of services shown in Exhibit B.

There is no limit on the number of task orders that may be issued. The County may issue task orders requiring delivery to multiple destinations or performance at multiple locations.

Any task order issued during the effective period shown in Section 4 of this Agreement and not completed within that period shall be completed by the CONTRACTOR within the time specified in the task order. The Agreement shall govern the CONTRACTOR'S and County's rights and obligations with respect to that task order to the same extent as if the task order were completed during the contract's effective period; provided, that the CONTRACTOR shall not be required to provide any services under this Agreement after **September 30, 2029**.



## CONTRACTOR 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.

**CONTRACTOR:**

Gino Filippin, PE, President  
Filippin Engineering, Inc.  
354 S Fairview Ave, Suite D  
Goleta, CA 93117

DIR No: 1000025770  
Business Type: Corporation  
gino@fecivil.com  
805-729-0041

By:   
Authorized Representative

Date: 10/25/2024

## 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.

**ATTEST:**

Mona Miyasato  
County Executive Officer  
Clerk of the Board

**COUNTY OF SANTA BARBARA:**

Steve Lavagnino

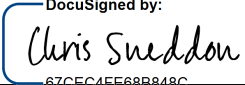
By: \_\_\_\_\_  
Deputy Clerk

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

Date: \_\_\_\_\_

**RECOMMENDED FOR APPROVAL:**

Chris Sneddon  
Director of Public Works

By:  \_\_\_\_\_  
Department Head

Date: 11/21/2024 | 9:26 AM PST

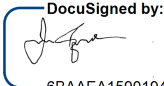
**APPROVED AS TO FORM:**

Greg Milligan  
Risk Manager

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

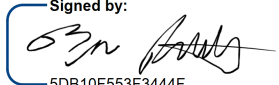
**APPROVED AS TO ACCOUNTING FORM:**

Betsy M. Schaffer, CPA  
Auditor-Controller

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

**APPROVED AS TO FORM:**

Rachel Van Mullem  
County Counsel

By:  \_\_\_\_\_  
Deputy County Counsel

## Exhibit A – Statement of Work

Gino Filippin and Paul Henderson 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.

Work shall comply with the proposal dated July 5, 2024 and will occur pursuant to executed Task Orders.

Work shall be within the assigned maintenance Division of the County except as specified in the RFP and Exhibit B. The work includes construction engineering services for transportation public works projects as specified. The work does provide evaluation or a discipline reports and is therefore A&E (Architecture & Engineering) service (Reference: California Government Code §4527.)

The Contractor assigned maintenance Division is: SANTA MARIA



**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 90 days. County shall incur no liability for suspension under this provision and suspension shall not constitute a breach of this Agreement.

## SCOPE OF WORK AND PROJECT DELIVERABLES

### 1.1 DESCRIPTION OF WORK

Contractor shall have the ability to respond in a timely and cost-efficient manner to the County requests for construction engineering services at any transportation project location within the assigned maintenance Division. The selected contractor shall perform as needed consultation, research, professional, technical, and administrative services required for Construction Engineering and Contract Administration.

Generally, contractor will perform construction contract administration tasks in order to keep full and complete records of a construction project and determine if it is in compliance with the project plans, specifications, and estimate, to maintain overarching control of the work through contract progress payments and retentions as warranted.

Construction Engineering Services may also include, but not be limited to: constructability reviews, pre-construction meeting scheduling and orchestration, contract submittal review and technical analysis, writing reports, writing directive letters to contractors, onsite inspection of the work including measurements, quantity calculations and construction engineering analyses, and work related to the overall administration of construction contracts in accordance with County directives on an as-needed basis. The scope of services will be defined by the Work Statement in the executed agreement and subsequent Task Orders. A general example is as follows:

#### WORK STATEMENT

Contractor agrees to provide County, including but not limited to, construction engineering services as needed. Work is to begin upon County and Contractor developing an estimate and schedule in a Task Order. Scope of work typically includes:

- a. Inspection of construction activities including but not limited to: concrete placement, reinforcing steel, falsework construction, aggregate placement and compaction, native soil compaction, metal railings, masonry block walls, and hot mix asphalt placement and compaction.
- b. Writing construction inspection daily reports (on [C-MIS](#))
- c. Batch plant inspections for trial batching;
- d. Tagging and sampling of structural steel, rebar, and other related materials;
- e. Verifying the field testing of concrete slump, soil compaction, and other related materials;
- f. Verifying the field testing of welds, bolted connections;
- g. Scheduling, verifying and organizing laboratory testing data for materials on each project
- h. Providing ongoing reporting to County staff detailing status of construction
- i. Reviewing all submittals to ensure compliance with the contract and provide written responses to each
- j. Providing onsite civil engineer supervision and oversight of construction activities at minimum of weekly basis or as directed
- k. Drafting and reviewing contract change order language and providing recommended course of action to County staff
- l. Field measuring quantities and completing quantity calculation worksheets
- m. Taking quantity calculation worksheets and producing progress payment calculations, payment vouchers, and contingency tracking on a monthly basis following the Caltrans Construction Manual process as modified by County directives
- n. Conducting employee interviews on a monthly basis

The following table is the estimated quantity of staff hours for a single maintenance area over the 3-year term.

This estimate shall form the basis of your Cost Proposal without changing the quantity of staff hours. Produce a Cost Proposal SEPARATE from your proposal. The Cost Proposal shall be in Caltrans LAPM Exhibit 10-H format, which is included in Attachment E of this RFP.

Item No.	Approx. Quant.	Meas. Unit	Item Description
1	600	HR	CONTRACT MANAGER
2	3,500	HR	RESIDENT ENGINEER (RE)
3	1,050	HR	STRUCTURE REPRESENTATIVE (SR)
4	7,000	HR	ASSISTANT RESIDENT ENGINEER (ARE)
5	500	HR	OFFICE ENGINEER

If the proposer is using subcontractors to perform certain work, no additional markup is allowed. The cost shown in the cost proposal for any work that a subcontractor may perform shall include any markups as resolved between the contractor and subcontractor.

This contract requires a DIR number issued by the California Department of Labor Relations for prevailing wage work.

## 1.2 TASKS AND DELIVERABLES

County anticipates each Task Order under the IDIQ agreement will likely include, but not be limited to, the following deliverables:

- Written correspondence to contractor project managers on C-MIS including responses to Requests for Information (due within 5 days of receipt of contractor request)
- Meeting agendas and minutes (due weekly)
- Completed submittal review and submittal responses to contractors on C-MIS within specified timeframes.
- Assistant Resident Engineer (ARE) Daily Report – Written report documenting all labor, equipment names, makes and models and hours used on each project item of work, noting materials used on the project, and noting the time of day notable actions were taken by the contractor and any issues or conversations on C-MIS (due daily)
- Resident Engineer (RE) Weekly Report – Written report of notable conversations, project issues and progress, not duplicating the ARE Daily Report, with pertinent photos on C-MIS (due weekly)
- Weekly Statement of Working Days (WSWD) on C-MIS (due weekly)
- Monthly Employee Interviews on C-MIS (2 per month)
- Weekly Jobsite Labor Forms on C-MIS (due weekly)
- Measurement and payment documents including quantity calculation work sheets on C-MIS, monthly progress pay estimates, and payment vouchers signed and checked for County review and subsequent payment, et al per Caltrans Construction Manual & County directives.
- Review and monitor DBE or CWA compliance if specifically described on task order for specific projects

The county has moved away from paper reports and submittals to online construction management software through C-MIS.com. Access to perform tasks on C-MIS will be given to Contractors by county representative or project manager as needed. Referenced deliverables should be sent through C-MIS as identified above.

## 1.3 QUALITY ASSURANCE SERVICES

Quality assurance consists of reviewing and acting upon the quality assurance materials sampling and testing of the County material tester along with the contractor's quality control measures. The frequency and testing requirements are found in the County of Santa Barbara Quality Assurance Plan.



## 1.4 STANDARDS

The consultant is expected to be knowledgeable of and adhere to the latest editions of pertinent standards of practice. This includes, but is not limited to:

- Caltrans Standard Specifications and Plans
- Caltrans Construction Manual (and Construction Manual Change Transmittals);
- Caltrans Construction Procedure Directives (CPDs)
- Caltrans Local Agency Structure Representative Guidelines
- Caltrans Labor Surcharge and Equipment Rental Rates
- Caltrans Labor Compliance Policy Bulletins.
- All deliverables will comply with County, State, and Federal regulations

## 1.5 PERSONNEL REQUIREMENTS

1. Overview: The Contractor's personnel shall be capable, competent, and experienced in performing the types of work indicated in this RFP with minimal instruction and little to no supervision. Personnel skill level should match the job classifications as set forth below. The Contractor's personnel shall be knowledgeable about, and comply with, all applicable federal, state, and local laws and regulations. In location(s) where the Contractor personnel is expected to work for extended period(s) of time, the Contractor shall either relocate the personnel or make every effort to hire local persons at no additional cost to the County.

The contractor will be responsible for providing the County with registered professional civil engineers to serve as structure representatives/resident engineers with pertinent engineering and inspection experience on construction projects. The contractor must also provide assistant structure representatives/assistant resident engineers (not required to be registered professional civil engineers or Engineer-in-Training) and "office engineers" with pertinent inspection and contract administration experience on construction projects.

2. Task Orders: Prior to preparing and issuing a Task Order, the County will request that the Contractor propose personnel by providing documentation that the personnel meet the appropriate minimum qualifications. Documentation shall include a resume and copies of the minimum required certifications and be submitted to the County within one (1) week of receiving the request. If the County elects to interview the Contractor's personnel for the qualifications and experience, the Contractor shall provide qualified personnel within one (1) week of receiving the request. The County's decision to select the Contractor's personnel shall be binding to the Contractor. The County shall evaluate the adequacy (quality and quantity) of the work performed by the Contractor's personnel, and determine whether deliverables are acceptable. The County may reject any Contractor personnel due to lack of minimum qualifications. If at any time the level of performance is below expectations, the County may direct the Contractor to immediately remove Contractor personnel from a Task Order and request another qualified person to be assigned.
3. Additions or Substitutes: The Contractor is required to submit a written request and obtain the County's prior written approval for any substitutions or additions to the Contractor's originally proposed personnel and project organization, as depicted on the proposed Contractor's Organization Chart or in the Contractor's cost proposal. Substitute personnel shall have the same job classification, meet or exceed the qualifications and experience level of the previously assigned personnel, and not exceed the billing rate so that no additional cost is incurred by the County. The substitute personnel shall have significant experience in the work involving similar transportation facilities for, at a minimum, two (2) previous projects, unless otherwise approved by the County.

The Contractor's personnel shall typically be assigned to and remain on Task Order until completion and acceptance of the project/deliverables by the County. After the County's approval of the Contractor's personnel and finalization of a Task Order, the Contractor may not add or substitute personnel without the County's prior written approval. Any substitute personnel shall meet the qualifications for performance of the work as demonstrated by a resume and copies of current certifications submitted by the Contractor.

Invoices with charges for personnel not pre-approved in writing by the County Contract Manager for work on the Contract and for each Task Order *shall not be reimbursed*. The removal or replacement of personnel without the written approval from the County shall be a material breach of the IDIQ agreement and may result in termination.

4. Contractor Employee Leave: When assigned contractor personnel are on approved leave and required by the County, the Contractor shall provide a substitute employee until the assigned employee returns to work from the approved leave. Substitute personnel shall be provided as described above.
5. Training: The Contractor is responsible to provide fully trained personnel to efficiently perform the work. The Contractor's personnel may be asked to attend certain special training if recommended by the County. On such occasions, with written approval of the County, the County shall compensate the Contractor for the Contractor's actual cost for time spent in training only. All other costs, fees, and expenses associated with the training, or re-certification, including any transportation costs and training fees, shall be the Contractor's responsibility. In addition, services to train or re-certify the County personnel shall not be provided by the Contractor under this Contract.
6. Job Classification: Construction Engineer. As required, shall be a Professional Engineer registered & licensed in the State of California, in good standing with the California State Board for Professional Engineers, Land Surveyors, and Geologists. The PE shall also have a documented minimum of 2 (two) years of experience in stamping plans, specifications, and estimates.
7. Job Classification: Contract Manager. At all times during the IDIQ period of performance, the Contractor Contract Manager shall be a Registered Professional Civil Engineer, licensed in the State of California, in good standing with the California State Board of Professional Engineers, Land Surveyors, and Geologists and have a documented minimum of ten (10) years of Construction Engineering experience. The Contractor Contract Manager shall perform the tasks described in the IDIQ agreement and subsequent Task Orders. In addition to other specified responsibilities, the Contractor Contract Manager shall be responsible for all matters related to the Contractor's personnel performing Construction Engineering Services work and Contractor's operations including, but not limited to:
  - o Ensuring that deliverables are clearly defined and time-bound; and that the deliverables satisfy the County.
  - o Supervising, reviewing, monitoring, training, and directing the Contractor's and Sub-Contractor's personnel.
  - o Assigning qualified personnel to complete the required Task Order work as specified on an "as-needed" basis in coordination with the County Contract Manager.
  - o Administering personnel actions for Contractor personnel and ensuring appropriate actions taken for personnel.
  - o Maintaining and submitting organized project files for record tracking and auditing.
  - o Developing, organizing, facilitating, and attending scheduled coordination meetings, and preparation and distribution of meeting minutes.
  - o Implementing and maintaining quality control procedures to manage conflicts, insure product accuracy, and identify critical reviews and milestones.
  - o Assuring that all applicable safety measures are in place.
  - o Providing monthly invoices, no later than 30 days after the end of the month the work occurred within and include total Task Order amount, amount billed to date under the Task Order to date, the Task Order balance as well as the same for the total contract value.
  - o Reviewing invoices for accuracy and completion before billing to the County.
  - o Managing overall budget for Contract and provide report to the County Contract Manager.
  - o Monitoring and maintaining required DBE involvement documentation.
  - o Ensuring compliance with the provisions in this Contract and all specific Task Order requirements.
  - o Monitoring the health and safety of personnel working in a hazardous environment in accordance with all applicable federal, state, and local regulations.
  - o Knowledge, experience, and familiarity with prevailing wage issues and requirements in state of California.
  - o Provide knowledge, experience, and familiarity with Quality Control and Quality Assurance (QC/QA) for construction engineering and inspection.
  - o Experienced and capable in the review of the test reports within a reasonable time frame of the completion of the tests to avoid delay of the field construction operation.
8. Job Classification: Other Personnel. Other project personnel not identified on the Contractor's cost proposal, including, but not limited to, administrative office staff, shall also satisfy appropriate minimum qualifications identified herein or in each Task Order.

## 1.6 GENERAL REQUIREMENTS & TOOLS/MATERIALS

1. Safety; Work shall not be performed when conditions prevent a safe and efficient operation. If such a condition exists Contractor agrees to immediately terminate work and immediately notify County. Contractor shall not proceed in such a case unless issued a written authorization by the County.
2. Overtime; The Contractor Contract Manager may direct the Contractor's employees to work overtime to meet Task Order schedules at Contractor's own expense. Otherwise, all overtime that will be submitted to County for payment shall be pre-approved and directed in writing by the County in the applicable Task Order or follow up written communication. County will only pay overtime to persons covered by the Fair Labor Standards Act.
3. Costs; The County shall not incur costs beyond the funding commitments in each Task Order. If the Contractor anticipates that funding for work will be insufficient to complete work, the Contractor shall promptly notify the County in writing.

The Contractor may claim reimbursement for providing equipment or supplies. However, such claimed costs shall be in compliance with 48 Code of Federal Regulation (CFR), Chapter 1, Part 31 (Federal Acquisition Regulation - FAR cost principles) and 2 CFR, Part 200, and be consistent with the Contractor's company-wide allocation policies and charging practices with all clients including federal government, state governments, local agencies, and private clients.

4. Cost Prohibitions; The County shall not reimburse the Contractor for costs to relocate its personnel to the service area. The County shall not reimburse the Contractor for per diem costs, unless preapproved by the County. The County shall not reimburse the Contractor for out-of-state travel without prior written approval from the County.
5. Tools/Materials; Contractor shall provide all necessary tools, instruments, equipment, materials, supplies, and safety equipment required to perform the work identified in each Task Order and the Contract accurately, efficiently, and safely. The Contractor's personnel shall be fully trained in the use of such necessary tools, instruments, equipment, materials, supplies, and safety equipment. The Contractor shall not be reimbursed separately for tools of the trade.

Contractor shall have and provide adequate office equipment and supplies to complete the work required. Such equipment and supplies shall include, but not be limited to:

- Office Supplies.
- Calculators, computers with appropriate software, printers, plotters, fax machines, calculators, data collectors and their necessary attachments and accessories.
- Data processing systems, software packages, reference materials, construction survey equipment, or other tools, including hardware and software, used in providing transportation construction engineering deliverables. This includes, but not be limited to, the following:
  - Microsoft Office Software (including, but not limited to, Word, Excel, and PowerPoint)
  - Adobe Acrobat Professional or Bluebeam Revu
  - Design and falsework checks.
  - Quantity Calculations

If the Contractor fails to submit the required analytical results, reviewed plan submittals, estimates, notes, calculations, analysis, reports, graphics, drawings, visual simulations, studies, products, data, manuals, details, deliverables, backup documents, other documents, and other items required by this Contract and any approved Task Order, The County shall have the right to withhold payment and/or terminate the Task Order or the IDIQ agreement in accordance with the termination provisions. If the Contract is terminated, the Contractor shall, at the County's request, return all materials recovered or developed by the Contractor under the Contract including, but not limited to, photos, field notes, computer data files, maps, artifact collections, catalogs, analytical results, reviewed plan submittals, estimates, notes, calculations, analysis, reports, graphics, drawings, visual simulations, studies, products, data, manuals, details, deliverables, backup documents, other documents, and other items required by this Contract.

The County shall not pay the Contractor for the Contractor's work under the Contract and the charges incurred by the Contractor that does not conform to the requirements specified in the Contract and to the applicable Task Order, and such work shall be corrected at the Contractor's sole expense at no additional cost to the County.

## **Exhibit B – Payment Arrangements Specific Rates of Compensation**

- A. The method of payment for the work shall be at the rate specified for each class of employee engaged directly in the work, as described in this Exhibit. The specified rate shall include full compensation to CONTRACTOR for the work as described, including profit and overhead and also include but not be limited to, all materials, equipment, any repairs, maintenance, or insurance, and no further compensation will be allowed therefore. Additional compensation may only be authorized with a contract amendment.

Specific projects will be assigned to CONTRACTOR through issuance of Task Orders. After a project to be performed under this contract is identified by County, County will prepare a draft Task Order; less the cost estimate. When a project arises within the maintenance Division to which CONTRACTOR is assigned, that CONTRACTOR will automatically be selected for the required professional services which will be formally outlined in the draft Task Order. If a project is countywide or on the boundary between 2 maintenance Divisions, Task Orders will be awarded through a mini-RFP process among the top 3 ranking proposers. An informal solicitation with project specific evaluation criteria will be sent by the Contract Manager or their designee and a deadline will be assigned. Proposals received by the deadline will be evaluated and ranked based on the criteria given in the solicitation. A Task Order will be awarded to the first ranked firm and costs will be based on wage rates established in the master on-call contract, and the time and deliverable requirements in the task order. In addition, work within a maintenance Division which cannot be performed by the assigned contractor due to a lack of available staff, scheduling conflicts, or other reasons that would delay the required Construction Engineering Services, the work may be assigned to a contractor from another maintenance Division at the sole discretion of the Contract Manager or their designee.

A draft Task Order will identify the scope of services, expected results, project deliverables, period of performance, project schedule and will designate a County Project Coordinator. The draft Task Order will be delivered to CONTRACTOR for review. CONTRACTOR shall return the draft Task Order within five (5) calendar days along with a Cost Estimate, including a written estimate of the number of hours and hourly rates per staff person, any anticipated reimbursable expenses, overhead, fee if any, and total dollar amount. After agreement has been reached on the negotiable items and total cost; the finalized Task Order shall be signed by both County and CONTRACTOR. Projects, task orders, and overall contract budget will be tracked by the County.

- B. Task Orders shall be negotiated for specific rates of compensation, which must be based on the labor and other rates set forth in CONTRACTOR's Cost Proposal.
- C. 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 through a contract amendment. In no event will CONTRACTOR be reimbursed for overhead costs at a rate that exceeds the COUNTY-approved overhead rate set forth in the approved Cost Proposal except for prevailing wage rates beyond the annual escalation rate. 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 "M," shall not be exceeded unless authorized by contract amendment.
- D. Reimbursement for transportation and subsistence costs shall not exceed the rates as specified in the approved Cost Proposal. Regardless of inclusion in a cost proposal, the COUNTY shall not reimburse the CONTRACTOR for costs to relocate its personnel to the service area. The COUNTY shall not reimburse the CONTRACTOR for per diem costs, unless preapproved in writing by the COUNTY. The COUNTY shall not reimburse the CONTRACTOR for out-of-state travel without prior written approval from the COUNTY. The COUNTY shall not reimburse for housing accommodations unless explicitly outlined in a Task Order.
- E. Progress payments for each Task Order will be made monthly in arrears based on services provided and actual costs incurred. 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 19, Termination. Failure to submit the required deliverable items in the time specified may result in withholding of payment or permanent deductions from

total payment if it results in a loss to the COUNTY due to delaying a project.

- F. CONTRACTOR shall not commence performance of work or services until this contract has been approved by COUNTY, and notification to proceed has been issued by the County designated representative. No payment will be made prior to approval or for any work performed prior to approval of this contract.
- G. A Task Order is of no force or effect until returned to COUNTY and signed by an authorized representative of COUNTY. No expenditures are authorized on a project and work shall not commence until a Task Order for that project has been executed by COUNTY.
- H. CONTRACTOR will be reimbursed within 30 days upon receipt by the County designated representative of itemized invoices. Separate invoices itemizing all costs are required for all work performed under each Task Order. Invoices shall be submitted no later than 45 calendar days after the performance of work for which CONTRACTOR is billing, or upon completion of the Task Order. Invoices shall detail the work performed on each milestone, on each project as applicable. Invoices shall follow the format stipulated for the approved Cost Proposal and shall reference this contract number, project title and Task Order number. Credits due County that include any equipment purchased under the provisions of Section 11 Equipment Purchase of this contract, must be reimbursed by CONTRACTOR prior to the expiration or termination of this contract. Invoices shall be mailed to the County designated representative at the following address:  
  

Brent Clavin  
620 W Foster Rd  
Santa Maria, CA 93455
- I. For personnel subject to prevailing wage rates as described in the California Labor Code, all salary increases greater than the agreed Cost Proposal annual cost escalation rate, which are the direct result of changes in the prevailing wage rates, are reimbursable.
- J. The period of performance for Task Orders shall be in accordance with dates specified in the Task Order. No Task Order will be written which extends beyond the expiration date of this Contract.
- K. The total amount payable by County for an individual Task Order shall not exceed the amount agreed to in the Task Order, unless authorized by contract amendment.
- L. Task Orders may not be used to amend this Agreement and may not exceed the scope of work under this Agreement.
- M. The total amount payable by County for all Task Orders resulting from this contract shall not exceed **\$2,000,000.00**. It is understood and agreed that there is no guarantee, either expressed or implied that this dollar amount will be authorized under this contract through Task Orders.
- N. All subcontracts shall contain the above provisions.



**COUNTY OF SANTA BARBARA PUBLIC WORKS TRANSPORTATION;  
CONSTRUCTION ENGINEERING SERVICES**

**Cost Proposal  
Attachment E**

**COST PROPOSAL**

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)

Note: Mark-ups are Not Allowed

Consultant: Filippin Engineering

Prime Consultant

Subconsultant

Project No. - IDIQ05

Contract No. - TBD

Participation Amount - \$2,000,000

Date – 10/23/2024

For Combined Rate	32.09% + 47.56%	=	79.65%
OR			
For Home Office Rate	Fringe Benefit % + General & Administrative %	=	Home Office ICR %
For Field Office Rate	Fringe Benefit % + General & Administrative %	=	Field Office ICR %
		Fee	= 16.3%
		FCCM	= 0.15%

**COUNTY OF SANTA BARBARA PUBLIC WORKS TRANSPORTATION;  
CONSTRUCTION ENGINEERING SERVICES**

**Cost Proposal  
Attachment E**

BILLING INFORMATION				CALCULATION INFORMATION				
Name/Job Title/Classification <sup>1</sup>	Hourly Billing Rates <sup>2</sup>			Effective Date of Hourly Rate		Actual or Avg. Hourly Rate <sup>4</sup>	% or \$ Increase	Hourly Range – for Classifications Only
	Straight <sup>3</sup>	OT (1.5x)	OT (2x)	From	To			
CONTRACT MANAGER*	\$261.33	\$323.87	\$386.41	7/1/2024	6/30/2025	\$125.08		Not Applicable
	\$277.01	\$343.31	\$409.60	7/1/2025	6/30/2026	\$132.58	6.00%	
	\$293.63	\$363.90	\$434.17	7/1/2026	6/30/2027	\$140.54	6.00%	
	\$311.25	\$385.74	\$460.22	7/1/2027	6/30/2028	\$148.97	6.00%	
	\$329.93	\$408.88	\$487.84	7/1/2028	6/30/2029	\$157.91	6.00%	
RESIDENT ENGINEER (RE)*	\$223.84	\$277.41	\$330.98	7/1/2024	6/30/2025	\$107.14		\$93.83-\$119.21
	\$237.27	\$294.06	\$350.84	7/1/2025	6/30/2026	\$113.56	6.00%	\$99.46-\$126.36
	\$251.51	\$311.70	\$371.89	7/1/2026	6/30/2027	\$120.38	6.00%	\$105.43-\$133.94
	\$266.60	\$330.40	\$394.20	7/1/2027	6/30/2028	\$127.60	6.00%	\$111.75-\$141.98
	\$282.60	\$350.23	\$417.86	7/1/2028	6/30/2029	\$135.26	6.00%	\$118.46-\$150.50
STRUCTURAL REPRESENTATIVE (SR)*	\$198.42	\$245.91	\$293.39	7/1/2024	6/30/2025	\$94.97		\$87.18-\$108.37
	\$210.33	\$260.66	\$311.00	7/1/2025	6/30/2026	\$100.67	6.00%	\$92.41-\$114.87
	\$222.95	\$276.30	\$329.66	7/1/2026	6/30/2027	\$106.71	6.00%	\$97.96-\$121.76
	\$236.33	\$292.88	\$349.44	7/1/2027	6/30/2028	\$113.11	6.00%	\$103.83-\$129.07
	\$250.51	\$310.45	\$370.40	7/1/2028	6/30/2029	\$119.90	6.00%	\$110.06-\$136.81
ASSISTANT RESIDENT ENGINEER (ARE)	\$171.65	\$212.72	\$253.80	7/1/2024	6/30/2025	\$82.15		\$78.96-\$85.06
	\$181.95	\$225.49	\$269.03	7/1/2025	6/30/2026	\$87.08	6.00%	\$83.70-\$90.16
	\$192.86	\$239.02	\$285.17	7/1/2026	6/30/2027	\$92.31	6.00%	\$88.72-\$95.57
	\$204.43	\$253.36	\$302.28	7/1/2027	6/30/2028	\$97.85	6.00%	\$94.04-\$101.31
	\$216.70	\$268.56	\$320.42	7/1/2028	6/30/2029	\$103.72	6.00%	\$99.69-\$107.39
OFFICE ENGINEER	\$86.83	\$107.61	\$128.39	7/1/2024	6/30/2025	\$41.56		Not Applicable
	\$92.04	\$114.07	\$136.10	7/1/2025	6/30/2026	\$44.05	6.00%	
	\$97.57	\$120.91	\$144.26	7/1/2026	6/30/2027	\$46.70	6.00%	
	\$103.42	\$128.17	\$152.92	7/1/2027	6/30/2028	\$49.50	6.00%	
	\$109.62	\$135.86	\$162.09	7/1/2028	6/30/2029	\$52.47	6.00%	

(Add pages as necessary)

NOTES:

1. All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposals.
2. The cost proposal format shall not be amended.
3. Billing rate = actual hourly rate \* (1+ ICR) \* (1+ Fee). Indirect cost rates should be based on the consultant’s annual accounting period, established by a cognizant agency or accepted by Caltrans. All costs must comply with the Federal cost principles for reimbursement.
4. For named employees and key personnel (\*) enter the actual hourly rate. For classifications only, enter the Average Hourly Rate for that classification.

**COUNTY OF SANTA BARBARA PUBLIC WORKS TRANSPORTATION;  
CONSTRUCTION ENGINEERING SERVICES**

**Cost Proposal  
Attachment E**

**COST PROPOSAL**

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)

Consultant: Filippin Engineering

Prime Consultant

Subconsultant

Project No. - IDIQ05

Contract No. - TBD

Date – 10/23/2024

<b>SCHEDULE OF OTHER DIRECT COST ITEMS (Add additional pages as necessary)</b>				
<b>Description of Item</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Total</b>
Mileage Costs	TBD	Miles	\$0.67	TBD – Based on jobsite and current IRS rates
Equipment Rental and Supplies			\$	\$
Permit Fees			\$	\$
Plan Sheets			\$	\$
Test			\$	\$
Vehicle			\$	\$
Subconsultant 1:				\$
Subconsultant 2:				\$
Subconsultant 3:				\$
Subconsultant 4:				\$
Subconsultant 5:				\$

Note: Add additional pages if necessary.

NOTES:

1. List other direct cost items with estimated costs. These costs should be competitive in their respective industries and supported with appropriate documentation.
2. Proposed ODC items should be consistently billed regardless of client and contract type.
3. Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.
4. Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice).
5. Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost.
6. Travel related costs should be pre-approved by the contracting agency and shall not exceed current State Department of Personnel Administration rules.
7. If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles. In addition, the miles claimed should be supported by mileage logs.
8. If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is its standard procedure for all of their contracts and that they do not own any vehicles that could be used for the same purpose.
9. The cost proposal format shall not be amended. All costs must comply with the Federal cost principles.
10. Add additional pages if necessary.
11. Subconsultants must provide their own cost proposals.

**COUNTY OF SANTA BARBARA PUBLIC WORKS TRANSPORTATION;  
CONSTRUCTION ENGINEERING SERVICES**

**Cost Proposal  
Attachment E**

**COST PROPOSAL**

**Certification of Direct Costs:**

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

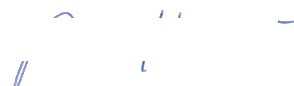
- 7. Generally Accepted Accounting Principles (GAAP)
- 8. Terms and conditions of the contract
- 9. [Title 23 United States Code Section 112](#) - Letting of Contracts
- 10. [48 Code of Federal Regulations Part 31](#) - Contract Cost Principles and Procedures
- 11. [23 Code of Federal Regulations Part 172](#) - Procurement, Management, and Administration of Engineering and Design Related Service
- 12. [48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board](#) (when applicable)

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

**Prime Consultant or Subconsultant Certifying:**

Name: Paul Henderson

Title\*: Vice President

Signature: 

Date of Certification: 10/23/2024

Email: paul@fecivil.com

Phone Number: 805-468-9927

Address: 354 S Fairview Ave, Suite D, Goleta, CA 93117

\* An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

Construction Management and Inspection Services
---

## 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, its 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:** Insurance Services Office Form Number CA 0001 covering, Code 1 (any auto), or if CONTRACTOR'S has no owned autos, Code 8 (hired) and 9 (non-owned), with limit no less than \$1,000,000 per accident for bodily injury and property damage.
3. **Workers' Compensation:** Insurance as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease. **(Not required if CONTRACTOR provides written verification it has no employees)**
4. **Professional Liability (Errors and Omissions)** Insurance appropriate to the CONTRACTOR'S profession, with limit of no less than \$2,000,000 per occurrence or claim, \$2,000,000 aggregate.

If the CONTRACTOR maintains broader coverage and/or higher limits than the minimums shown above, the COUNTY requires and shall be entitled to the broader coverage for and/or 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 both CG 20 10, CG 20 26, Cg 20 33 or CG 20 38; and CG 20 37 if a later revision 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 state 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** – Self-insured retentions must be declared to and approved by the COUNTY. The COUNTY may require the CONTRACTOR to purchase coverage with a lower retention or provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or COUNTY.
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.

## **ATTACHMENT B – CONTRACTOR INFORMATION SHEET**

## Contractor Information Sheet

**Name of Proposer** Filippin Engineering, Inc.

**Business P.O. Box** \_\_\_\_\_

**City, State, Zip** \_\_\_\_\_

**Business Street Address** 354 S Fairview Ave, Suite D  
(Include even if P.O. Box is used)

**City, State, Zip** Goleta, CA 93117

**Telephone No.** 805-729-0041      **Fax No.** \_\_\_\_\_

**CONTRACTOR License No.** \_\_\_\_\_      **License Classification** \_\_\_\_\_

**Public Works Contractor Registration No.** 1000025770

**Business Type (Check One)**    **Corporation:**     **Partnership:**     **Sole Proprietorship:**

**Contact Person Name** Gino Filippin, PE, President

**Contact Person Phone No.** 805-729-0041

**Contact Person Email** [gino@fecivil.com](mailto:gino@fecivil.com)

**Employer's Tax Identification Number** 27-2755625

## **ATTACHMENT C – DBE REQUIREMENTS**


## Exhibit 10-O1 Contractor Proposal DBE Commitment

January 2019

LOCAL ASSISTANCE PROCEDURES MANUAL

Page 1 of 2

1. Local Agency: County of Santa Barbara      2. Contract DBE Goal: 13%  
 3. Project Description: CONSTRUCTION ENGINEERING SERVICES, IDIQ, 2024-2027  
 4. Project Location: Countywide, Various, IDIQ  
 5. Contractor's Name: Filippin Engineering, Inc.      6. Prime Certified DBE:

7. Description of Work, Service, or Materials Supplied	8. DBE Certification Number	9. DBE Contact Information	10. DBE %
Constructability review, construction management and inspection.	42855	Filippin Engineering 354 S. Fairview, Ste. D. Goleta, CA 93117	95 +/-
<b>Local Agency to Complete this Section</b>		<b>11. TOTAL CLAIMED DBE PARTICIPATION</b>	%
17. Local Agency Contract Number: <u>  IDIQ05  </u> 18. Federal-Aid Project Number: <u>  TBD  </u> 19. Proposed Contract Execution Date: _____ 20. Contractor's Ranking after Evaluation: _____  Local Agency certifies that all DBE certifications are valid and information on this form is complete and accurate.			
21. Local Agency Representative's _____	22. Date _____	 _____	<u>  7/5/2024  </u>
23. Local Agency Representative's Name _____	24. Phone _____	Karen Fahy _____	<u>  805-729-6719  </u>
25. Local Agency Representative's Title _____		Accounting & HR Manager _____	15. Phone _____
		16. Preparer's Title _____	

DISTRIBUTION: Original – Included with Contractor'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.



## Exhibit 10-O1 CONTRACTOR Proposal DBE Commitment

January 2019

EXHIBIT 10-O1 INSTRUCTIONS

Page 2 of 2

### CONTRACTOR 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 Description - Enter the project description as it appears on the project advertisement (Bridge Rehab, Seismic Rehab, Overlay, Widening, etc.).
4. Project Location - Enter the project location as it appears on the project advertisement.
5. CONTRACTOR's Name - Enter the CONTRACTOR'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 CONTRACTOR'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 CONTRACTORS. Also, enter the prime CONTRACTOR'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 CONTRACTOR 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 CONTRACTOR's firm must sign their name.
13. Date - Enter the date the DBE commitment form is signed by the CONTRACTOR's preparer.
14. Preparer's Name - Enter the name of the person preparing and signing the CONTRACTOR's DBE commitment form.
15. Phone - Enter the area code and phone number of the person signing the CONTRACTOR's DBE commitment form.
16. Preparer's Title - Enter the position/title of the person signing the CONTRACTOR'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. CONTRACTOR's Ranking after Evaluation - Enter CONTRACTOR's ranking after all submittals/CONTRACTORS are evaluated. Use this as a quick comparison for evaluating most qualified CONTRACTOR.
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 CONTRACTOR 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 CONTRACTOR's DBE commitment form.
24. Phone - Enter the area code and phone number of the person signing the CONTRACTOR's DBE commitment form.
25. Local Agency Representative Title - Enter the position/title of the Local Agency Representative certifying the CONTRACTOR's DBE commitment form.

## **ATTACHMENT D – PROPOSAL**

**REQUEST FOR PROPOSALS FOR**

# **Indefinite Delivery-Indefinite Quantity On-Call Construction Engineering Services**

JULY 2024



**FE**

FILIPPIN ENGINEERING



# TABLE OF CONTENTS

1. TRANSMITTAL LETTER..... 1

2. CONSULTANT INFORMATION, QUALIFICATIONS, EXPERIENCE, STAFFING,  
AND UNDERSTANDING OF WORK..... 1

    2A. CONSULTANT INFORMATION..... 1

    2B. QUALIFICATIONS AND EXPERIENCE ..... 2

    2C. UNDERSTANDING OF WORK..... 8

    CONSTRUCTION ENGINEERING SERVICES ..... 9

    CONSTRUCTION MANAGEMENT AND INSPECTION.....12

    LABOR COMPLIANCE SERVICES.....14

3. FILIPPIN ENGINEERING STAFF ..... 21

4. CONFLICT OF INTEREST ..... 30

5. LITIGATION ..... 30

6. CONTRACT AGREEMENT..... 30

7. CONTRACT INFORMATION SHEET..... 30

8. DBE REQUIREMENTS ..... 30

APPENDIX A – CONTRACT AGREEMENT

APPENDIX B – CONTRACT INFORMATION SHEET

APPENDIX C – DBE REQUIREMENTS

APPENDIX D – FE STAFF RESUMES



## Indefinite Delivery-Indefinite Quantity On-Call Construction Engineering Services

# 1. TRANSMITTAL LETTER

July 5, 2024

W.O. 244501

Brent Calvin, PE, Transportation Division

County of Santa Barbara | 123 E. Anapamu St. | Santa Barbara, CA 93101





Submitted Electronically

### **SUBJECT: REQUEST FOR PROPOSAL FOR INDEFINITE DELIVERY-INDEFINITE QUANTITY "AS NEEDED" CONSTRUCTION ENGINEERING SERVICES**

Dear Mr. Calvin:

Filippin Engineering, Inc. (FE) is pleased to submit our proposal for **Indefinite Delivery-Indefinite Quantity "As-Needed" Construction Engineering Services**. FE is a well-established local Certified Disadvantaged Business Enterprise (DBE) providing project management, civil engineering, and construction management services to our clients. FE primarily serves public agencies in Santa Barbara, Ventura, and San Luis Obispo counties and parts of Los Angeles County. Many of our staff have been providing these services to public agencies in these areas for over 35 years. As a result, the FE team is uniquely qualified to address all technical challenges and impacts that Santa Barbara County projects may encounter.

We believe our team brings unparalleled value to the County. FE has performed on-call services for many public agencies on the Central Coast, and we believe we are in a unique position to offer the best value for the following reasons:

-  **Sole Local Public Works Focus:** The FE team works predominantly for Central Coast public agencies and pursues assignments only within this region. All our staff live locally. Consequently, we have a vested interest in completing successful projects every time and in maintaining very satisfied clients. Our staff are exceptionally qualified and available.
-  **Depth of Local Staff and Staff Redundancy:** FE's 35 construction engineering professionals are adaptable and scalable and bring a depth of resources to meet any need that arises for County construction projects.
-  **FE Team Experience:** Since its inception in 2010, FE has been selected to perform construction management and inspection services on multiple public agency transportation projects, ranging from \$100,000 to \$25 million. We believe the collaborative spirit and trust FE has developed with County staff on past County projects is a testament to the working relationship FE is able to attain.
-  **Responsive Delivery:** We maintain a consistent and deep pool of local, qualified, available professionals, creating a responsiveness and adaptability that will translate directly to the best available quality of service at the highest available value to the County. FE's approach to construction management and inspection follows Federal Construction Engineer Guidelines and Procedures, is modeled to the Caltrans Local Assistance Procedures Manual (LAPM) and the Local Assistance Procedures Guidelines (LAPG) and Construction



## Indefinite Delivery-Indefinite Quantity On-Call Construction Engineering Services

Manual and is adapted and scaled to meet any needs the County has. Because we work primarily with local public clients, we realize balancing budgets, keeping internal agency staff busy, and meeting other project goals are paramount. Our staff understand these constraints and can all function in multiple roles; we develop various staffing solutions to fit your needs.



**Documentation Experience:** The vast majority of projects we administer are public projects following LAPM and LAPG guidelines, and over 75% of our projects have state or federal funding sources. This means all staff are accustomed to the high documentation standards these projects require. Our team has completed the Caltrans construction audit process with the Caltrans Construction Oversight Engineer and District Local Assistance and is familiar with the extensive paperwork required for federally funded and state-funded projects. We also have gone through a Federal Highway Administration audit. Our staff are also familiar with online Construction Management Information System (CMIS) software and have used CMIS software to provide project deliverables for several local agencies.



**Understanding of Project-Specific Challenges:** We have the experience and expertise to key in on the items that will get the best value for the time spent during constructability reviews and before the contractor's mobilization on-site. During construction, our plan for achieving a positive project outcome is proactive problem identification and expedited project-focused solutions. Whether predictable or unanticipated issues arise during construction, we are confident that our team's ability to foster a partnership with all team members, knowledge of a wide variety of technical disciplines, attention to details, and emphasis on thorough planning and sequencing will ultimately lead to a successful resolution. Our highly customized focus on public works construction brings unparalleled value to the project.



**Focus on Service:** Our depth of project experience at the local level has also trained us not to lose sight of the legitimate needs and interests of the community and the local agency we are working for. In contrast to massive projects or statewide contracts, in which the details of services provided by the Construction Management and Inspection Services Team can easily be overshadowed by the sheer scale of the effort, our approach is consistently focused on successful service to our clients. In fact, the continued livelihood of our firm and our staff in this region depends wholly on successfully constructed projects and completely satisfied clients that will continue to select us for future opportunities.



**Proven Track Record:** During our past and current County projects, FE has established relationships with County staff that have built a trust and partnership that can only be created with time. We will continue to invest time and commitment during this project to ensure we deliver a successful project that adds value to the County and meets your expectations.



**County Experience:** The FE team assembled for this project has extensive experience working with the County over the past few years, from flood control to emergency roadway repair projects, and is well versed in how the County operates. Currently, several FE Construction Managers and Inspectors are providing construction inspection and documentation on County projects. FE is familiar with County procedures and the County's staff, providing seamless integration with the County team.

## Indefinite Delivery-Indefinite Quantity On-Call Construction Engineering Services



**Local Presence:** Since FE's beginning in 2010 it has been based in Santa Barbara County, and we have been in our current company headquarters in Goleta since 2012. In addition to our Goleta office, we have offices in San Luis Obispo and Ventura. All 35 of our employees live within 60 miles of Santa Barbara County, with 10 of our employees residing in Santa Barbara County.

Gino Filippin is the person authorized to represent FE with respect to all notices, negotiations, discussions, and other communications relating to this proposal and any negotiation relating to the contract. Gino's contact information is provided below. FE takes no exceptions to the terms and conditions of the RFP.

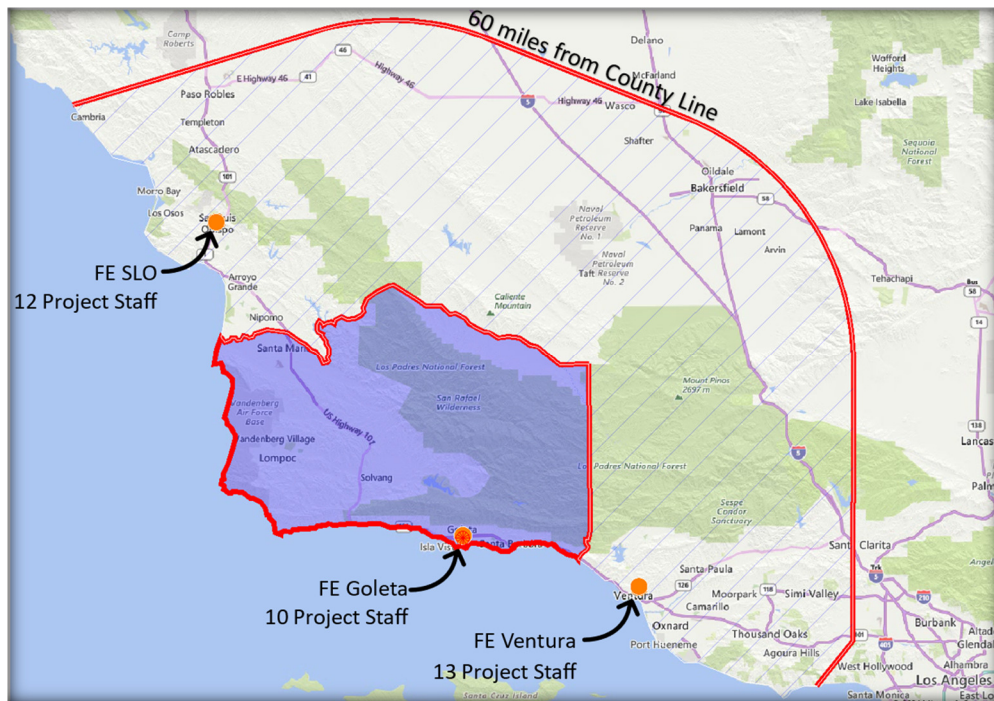
Very truly yours,

**Gino Filippin, P.E.**

President | RCE 57254

(805) 729-0041 | [gino@fecivil.com](mailto:gino@fecivil.com)

354-D S. Fairview Ave., Goleta, CA 93117



## FILIPPIN ENGINEERING CERTIFICATIONS

**SB Certification** No. 1796291 (Certified Small Business)

**DBE Certification** No. 42855 (Disadvantaged Business Enterprise)

**FE DUNS** No. 06-179-1589



## 2. CONSULTANT INFORMATION, QUALIFICATIONS, EXPERIENCE, STAFFING, AND UNDERSTANDING OF WORK

### 2A. CONSULTANT INFORMATION

Filippin Engineering, Inc. (FE) is a well-established local employee-owned firm that is a Certified Disadvantaged Business Enterprise (DBE) and Certified Small Business composed of 35 full-time permanent staff with decades of experience serving public agencies. FE was formed in January 2010 to serve the specialized needs of our local public agency clients. For the past 14 years, FE has worked exclusively for public agencies, specializing in construction management and inspection, program management, and civil engineering for public works capital improvement projects. Five of our FE staff are licensed Professional Civil Engineers, another five hold college degrees in engineering or construction (and are working on their Professional Engineering Licenses), 14 are seasoned Senior Construction Inspectors with decades of public works inspection experience, and 11 have prior experience working as employees within public works departments. Most of our staff members have spent nearly their entire professional careers working on the Central Coast.

FE has performed full construction management and inspection services for successful projects throughout Ventura, Santa Barbara, and San Luis Obispo Counties. We are very proud of the work we have performed and the teamwork we have developed in doing so. FE strives to partner with each agency we serve as well as the design professionals, stakeholders, contractors, utility companies, and regulatory agencies we work with on every project.

Every single project that FE executes, from smallest to largest, follows the documentation approach of the Caltrans Local Assistance Procedures Manual (LAPM). Because we exclusively work for public agencies, we find this approach provides the most comprehensive, complete, organized, and uniform documentation to satisfy both agency and funding needs. The Indefinite Delivery-Indefinite Quantity (IDIQ) projects will be no exception, and services will be executed in accordance with Agency Standard Specifications; Caltrans Construction Standard Specifications, Plans, and Special Provisions; and federal construction engineering guidelines and procedures, as administered by Caltrans, including the LAPM, Local Assistance Procedures Guidelines, and Construction Manual.

FE understands that establishing and maintaining effective procedures at the outset of each project is vital to the efficient use of budget and schedule, the quality of the constructed project, and claims and risk management. FE sets the stage for success by conducting a coordination meeting between FE and the Agency to discuss the project team members and roles, scope of work, budget, schedule, and Agency's goals and expectations. It is imperative that all project participants and stakeholders have a clear understanding of goals and expectations for each individual project. FE will ensure each project is successful by establishing strong lines of communication and a clear and concise approach to every aspect of the project.

FE's main office is in Goleta, CA, and we also maintain office locations in San Luis Obispo and Ventura. Our team members live throughout the region, from Ventura County to San Luis Obispo County, providing prompt and efficient coverage to a range of project locations. Almost all of our staff live within 60 miles of the Santa Barbara County line.



**Indefinite Delivery-Indefinite Quantity  
On-Call Construction Engineering Services**

**FILIPPIN ENGINEERING OFFICE LOCATIONS:**

**Principal Office:**

354-D S. Fairview Ave.  
Goleta, CA 93117  
(805) 845-4602  
Contact: Gino Filippin  
gino@fecivil.com  
www.fecivil.com

**Ventura Office:**

950 County Square  
Ventura, CA 93003  
(805) 450-7949  
Contact: Brad Starr  
brad@fecivil.com

**San Luis Obispo Office:**

944 Mill St. Suite 230  
San Luis Obispo, CA 93401  
(805) 468-9927  
Contact: Paul Henderson  
paul@fecivil.com

**2B. QUALIFICATIONS AND EXPERIENCE**

**GUADALUPE SANTA MARIA CHANNEL REALIGNMENT**



**Client:** Santa Barbara County Flood Control and Water Conservation District  
**Contact:** Erik Adelman, P.E., CFM, (805) 568-3458  
**Project Timeline:** Start – October 2023; Finish – November 2023  
**FE Staff:** Kelly Wheeler, Principal Construction Manager  
 Zach Bryant, Associate Construction Manager  
 Jerry Missamore, QSD, QSP, Chief Construction Inspector  
 Steve Bucknum, Senior Construction Inspector  
**FE Services:** Construction Management and Inspection  
**Project Cost:** \$4.0M

**Objective:** FE provided a range of services, including construction management, inspection, and labor compliance under the direction of the County. Work consisted of 4 miles of a 6-foot cut, 170-foot-wide bottom using native material to build a berm on the south side of the riverbed to protect the town of Guadalupe and its farm fields that provide food for the U.S. The project moved over 1 million cubic yards of material. Work also consisted of verifying extra work, coordinating between Santa Barbara County and contractors on-site, processing billing information from the contractor and approving for payment, tracking the budget as work progressed, and managing the schedule (a short 6-week window for completion).

**SANTA MARIA RIVER PILOT CHANNEL**



**Client:** Santa Barbara County Flood Control and Water Conservation District  
**Contact:** Hansel Corsa, P.E., CFM, (805) 568-3458  
**Project Timeline:** Start – October 2023; Finish – November 2023  
**FE Staff:** Kelly Wheeler, Principal Construction Manager  
 Raul Estrada, Associate Construction Manager  
 Steve Bucknum, Senior Construction Inspector  
 Jerry Missamore, Chief Construction Inspector  
**FE Services:** Construction Management and Inspection  
**Project Cost:** \$360K

**Objective:** FE provided a range of services, including construction management, inspection, and labor compliance. Work generally included excavating and removing soil and vegetation within the Santa Maria riverbed, across easements owned by the District. The project will promote improved natural conveyance of water through the center of the river channel.

**Indefinite Delivery-Indefinite Quantity  
On-Call Construction Engineering Services**

**LAS POSITAS AND MODOC MULTIUSE PATH**



**Client:** City of Santa Barbara  
**Contact:** Alex Ubaldo, Supervising Civil Engineer, (805) 897-2668,  
**Project Timeline:** Start – September 2020; Finish – March 2022  
**FE Staff:** Kevin Connors, P.E., QSD, Project Manager  
 Jerry Missamore, QSP, QSD, CPESC, Senior Construction Inspector  
 Dustin Snider, Senior Construction Inspector  
**FE Services:** Construction Management and Construction Inspection  
**Project Cost:** \$16.5M

**Objective:** FE provided Construction Management and Inspection (CMIT) services for the Las Positas and Modoc Roads multiuse path, which consisted of 2.6 miles of separated multiuse Class I trails for bicyclists and pedestrians. The project included conventional cut and fill grading, construction of about 3,269 feet of 1.3- to 7.4-foot-high retaining walls, subgrade preparation, and paving. The project was designed to be integrated with the existing Class II trail facilities along Modoc and Las Positas Roads. The project also included two mid-block on-grade pedestrian crossings along Modoc Road, a new pedestrian crosswalk across the southbound turn lane at the intersection of Modoc and Las Positas Roads, and a new stoplight and pedestrian crosswalk at the Jerry Harwin Parkway intersection.

**CONFERENCE CENTER DRAIN**



**Client:** City of Camarillo  
**Contact:** Ken Matsuoka, P.E., Engineering Manager, (805) 383-5672  
**Project Timeline:** Start – February 2018; Finish – May 2018  
**FE Staff:** Kevin Connors, P.E., QSD, Project Manager  
**FE Services:** In-House Project Management, Construction Management, Inspection  
**Project Cost:** \$5M

**Objective:** For this project, FE performed construction management and oversight of a city-reimbursed private development construction contract. The project work included removing a 37-foot-wide-by-1,050-foot-long concrete open channel and installing two separate 1,050-foot-long precast concrete drainage boxes (24 feet by 8 feet and 9 feet by 8 feet) to enclose the channel to provide for the construction of a future hotel parking lot at the site. Construction management work included coordinating with the private developer construction management team, overseeing inspection, coordinating with the Ventura County Watershed Protection District for encroachment permit inspection and compliance, overseeing environmental mitigation measures and mitigation monitoring, obtaining Regional Water Quality Control Board permits, and reviewing and approving developer reimbursements by the City.

**2020 PAVEMENT REHAB., PARKING LOT #2 AND CACTUS LANE IMPROVEMENTS**



**Client:** City of Carpinteria  
**Contact:** John Ilasin, Public Works Director, City Engineer, (805) 684-5405  
**Project Timeline:** Start – June 2020; Finish – December 2020  
**FE Staff:** Kelly Wheeler, P.E., QSD, Resident Engineer (Phase 1)  
 Kevin Connors, P.E., QSD, Resident Engineer (Phase 2)  
**FE Services:** Construction Management and Construction Inspection  
**Project Cost:** \$1.6M

**Objective:** FE provided construction management and inspection on this two-part improvement project for the City of Carpinteria. The 2020 pavement rehabilitation portion of the project consisted of removing asphalt concrete and replacing it with 2,740 LF of new asphalt concrete pavement and placing concrete curbs, gutters, sidewalks, curb ramps, driveway approaches, and traffic striping. The Parking Lot No. 2 and Cactus Lane improvements portion of the project consisted of fully demolishing existing pavement; performing traffic signing and striping; placing over 1,300 LF of concrete curb, multiple large bioswales, gutters, sidewalks, and 3,500 square feet of hand-laid permeable pavers; installing lighting, joint utility trench, stormwater quality, and irrigation facilities; and landscaping.



**Indefinite Delivery-Indefinite Quantity  
On-Call Construction Engineering Services**

**OLDTOWN ANNUAL OVERLAY**



**Client:** City of Camarillo  
**Contact:** Kyle Butler, Associate Engineer, (805) 388-5319  
**Project Timeline:** Start – May 2023; Finish – October 2023  
**FE Staff:** Rafael Medina, Assistant Construction Manager  
**FE Services:** Construction Management and Construction Inspection  
**Project Cost:** \$4.5M

**Objective:** FE provides construction inspection for the annual overlay for the City of Camarillo. The work includes roadway paving, concrete, and slurry in Old Town Camarillo. Concrete improvements included access ramps, curb and gutter, curb only, and sidewalk replacement. Asphalt work consists of full-width grind and new AC paving but also includes pavement repair, crack seal, weed kill, slurry seal, utility lowering and raising, and traffic striping. Alternative work also included trip hazard profile grinding, pavement repairs, crack sealing, slurry seal, and striping at the Camarillo Ranch House parking areas and pathways.

**ARTERIAL STREET RESURFACING EAST & WEST GONZALES RD OXNARD ST IMPROVEMENT**



**Client:** City of Oxnard  
**Contact:** Tamara Flynn, EIT, (805) 342-5735  
**Project Timeline:** Start – April 2024; Finish – in progress  
**FE Staff:** Brad Starr, P.E., QSD, Resident Engineer  
 Gianna Pourarien, Associate Construction Manager  
 Dustin Snider, Chief Construction Inspector  
**FE Services:** Construction Management and Construction Inspection  
**Project Cost:** \$11.7M

**Objective:** FE is currently providing construction management and construction inspection for the City of Oxnard's Arterial Street Resurfacing East and West Gonzales Road and Oxnard Street Improvement project. The project consists of a wide range of tasks, including median replacement, overlay, micro-surfacing, electrical, striping, and utility adjustment.

**JALAMA ROAD MP SITE 3K06**



**Client:** Santa Barbara County Public Works Department  
**Contact:** German Neyra, (805) 568-3458  
**Project Timeline:** Start – September 2023; Finish – October 2023  
**FE Staff:** Kevin Connors, Principal Construction Manager  
 Steve Bucknum, Senior Construction Inspector  
**FE Services:** Construction Management and Inspection  
**Project Cost:** \$500K

**Objective:** FE provided construction management and inspection services for the Santa Barbara County Public Works Department on the Santa Rosa Road and Jalama Road Emergency Road Work project. This project was initiated in response to the Proclamation of Local Emergency issued on January 9, 2023, due to excessive rainfall that caused significant sediment accumulation in the uphill ditch. This sediment blockage allowed water to flow across the road for an extended stretch, leading to a 230-foot slip-out along the shoulder. The project work included removing asphalt to create a bench embankment, excavating benches for backfill, importing borrow material and placing it according to geotechnical recommendations, placing Type A and Type B hot mix asphalt (HMA), and applying shoulder backing, jute matting with straw waddles, and hydroseeding to stabilize the rebuilt embankment slope. FE's involvement ensured that the project was completed efficiently and to the required standards, effectively addressing the emergency situation.



**Indefinite Delivery-Indefinite Quantity  
On-Call Construction Engineering Services**

**LOWER MISSION CREEK 2B-2&3**



**Client:** Santa Barbara County Flood Control & Water Conservation District  
**Contact:** Matt Griffin, P.E., PH (805) 568-3440  
**Project Timeline:** Start – April 2021; Finish – April 2022  
**FE Staff:** Kelly Wheeler, P.E., QSD, Resident Engineer  
 Raul Estrada, Assistant Construction Manager  
 Dean Johe, Chief Construction Inspector  
**FE Services:** Construction Management and Inspection  
**Project Cost:** \$1.2M

**Objective:** FE provided construction management and inspection for the Lower Mission Creek 2B-2 & 3 phases. The project consisted of providing water pollution control and traffic control, temporary shoring, removing existing drainage and parking lot improvements, excavating channels, disposing contaminated soil and groundwater, constructing a reinforced concrete weir structure and bypass channel, constructing a 200 LF cast-in drilled-hole (CIDH) secant pile wall system with architectural treatment, installing rock slope protection, fabricating and installing a bypass channel metal debris rack, installing fencing and railings, constructing new drainage facilities and parking lot improvements, and restoring native plants.

**ROMERO CREEK DEBRIS BASIN IMPROVEMENTS**



**Client:** Santa Barbara County Flood Control and Water Conservation District  
**Contact:** Hansel Corsel, P.E., CFM, (805) 568-3458  
**Project Timeline:** Start – May 2022; Finish – October 2022  
**FE Staff:** Kevin Connors, P.E., QSD, Resident Engineer  
 Desiree Anthony, E.I.T., QSP Assistant Construction Manager  
 Dustin Snider, Senior Construction Inspector  
**FE Services:** Construction Management and Inspection  
**Project Cost:** \$2.3M

**Objective:** FE provided construction management and inspection at the existing flood control debris basin along Romero Road, which consisted of providing water pollution control and clearwater diversion; removing a portion of grouted rock slope protection; performing excavation; placing rock slope protection; constructing a cast-in-place outlet structure, including retaining walls; grading a new channel; and constructing a new concrete access road.

**2020 ATP CYCLE 3-FUNDED PEDESTRIAN IMPROVEMENTS**



**Client:** City of Guadalupe  
**Contact:** Shannon Sweeney, P.E., former City Engineer, (805) 310-1075,  
**Project Timeline:** Start – April 2020; Finish – July 2020  
**FE Staff:** Gino Filippin, P.E., QSD, Resident Engineer  
 Dean Johe, QSP, QSD, CSPEC, Assistant Resident Engineer  
 Jerry Missamore, QSP, QSD, CPESC, Senior Construction Inspector  
**FE Services:** Construction Inspection  
**Project Cost:** \$400K

**Objective:** FE provided inspection services for the 2020 ATP Cycle 3-Funded Pedestrian Improvements project, which included the following street improvements: construction of bulb-outs, sidewalks, curb ramps, crosswalks, striping and markings, signs, rapid flashing beacons, and additional pedestrian facilities on Guadalupe Street (Highway 1). The work also included traffic control and stormwater pollution control.

**Indefinite Delivery-Indefinite Quantity  
On-Call Construction Engineering Services**

**OLD TOWN SIDEWALK IMPROVEMENTS**



**Client:** City of Goleta  
**Contact:** James Winslow, Senior Project Manager, (805) 961-7577 (Retired)  
**Project Timeline:** Start – March 2020; Finish – December 2020  
**FE Staff:** Kevin Connors, P.E., QSD, Project Manager  
 Jerry Missamore, QSP, QSD, CPESC, Senior Construction Inspector  
 Dustin Snider, Senior Construction Inspector  
**FE Services:** Construction Management and Construction Inspection  
**Project Cost:** \$3.4M

**Objective:** FE provided construction management and inspection on the Old Town Sidewalk Improvements project for the City of Goleta. Work included sawcutting and removing asphalt pavement and base; removing concrete curb, gutter, and sidewalk; constructing curb, gutter, sidewalk, curb extensions, and ADA access ramps; paving the permeable pavement parking area; making bioretention drop inlet and stormwater improvements; clearing and grubbing; landscaping; and installing signage, striping, and pavement markings.

**SANTA ANA BVLD BRIDGE REPLACEMENT – MATILIJA DAM ECOSYSTEM RESTORATION**



**Client:** County of Ventura  
**Contact:** Chris Hooke, Deputy Director, (805) 654-2048  
**Project Timeline:** Start – April 2021; Finish – January 2023  
**FE Staff:** Gino Filippin, P.E. QSD, Resident Engineer  
 Brad Starr, P.E., QSD Principal Engineer  
 Zach Bryant, Assistant Resident Engineer  
 Rafael Medina, Assistant Resident Engineer  
 Dustin Snider, Senior Construction Inspector  
**FE Services:** Construction Management and Construction Inspection  
**Project Cost:** \$12M

**Objective:** FE provided construction management and inspection for the Santa Ana Boulevard Bridge Replacement project for the County of Ventura. This project location was on Santa Ana Boulevard as it crosses the Ventura River in the unincorporated Ventura County area of Oakview. The bridge replacement project consisted of replacing the undersized bridge with a new 350-foot bridge to accommodate higher flood and sediment flows anticipated with the removal of Matilija Dam and to allow for unobstructed fish passage. The new bridge design supports the conveyance of increased sediment expected to naturally erode from the reservoir following the Matilija Dam removal. Improvements included the construction of grading, retaining walls, AB and AC pavement structural sections, and drainage structures; relocation of water and wastewater utilities; construction of CIDH concrete piles, concrete foundations, a new box girder bridge, and embankment riprap with rock filter; restoration of the riverbed; and demolition of the existing bridge.

*“Filippin Engineering has provided quality construction inspection and management services on many challenging Santa Barbara County Flood Control & Water Conservation District Projects and was vital to the success of those projects.”*

Matthew Griffin, P.E., Engineering Manager  
 Santa Barbara County Flood Control & Water Conservation District



**Indefinite Delivery-Indefinite Quantity  
On-Call Construction Engineering Services**

**MARSH STREET BRIDGE REPLACEMENT**



**Client:** City of San Luis Obispo  
**Contact:** Brian Nelson, PE, Director of Public Works, 805-781-7113  
**Project Timeline:** Start: May 2020 | Finish: February 2021  
**FE Staff:** Gino Filippin, P.E. Resident Engineer  
 Lyle Nemeth, Project Manager (City Staff before joining FE)  
 Raul Estrada, Assistant Resident Engineer  
 Jerry Missamore, QSP, QSD, CPESC, Senior Constructor Inspector  
**FE Services:** Construction Management and Construction Inspection  
**Project Cost:** \$43M

**Objective:** FE provided construction management and inspection for the Marsh Street Bridge Replacement project, which consisted of replacing a historic three-lane bridge with a 48-foot-long and 69-foot-wide, single-span, cast-in-place concrete slab with no approach slabs. The project included constructing new abutments, 80 8-inch micro-pile foundations, a 17-foot-long retaining wall, and a 40-foot-long soldier pile wall; making improvements to the channel bottom, slope embankment, and 390 feet of roadway approach on Marsh Street (including roadway and approach conforms, driveways, sidewalk, curb and gutter, parking lanes, and bike lanes); constructing a new stormwater drainage system to meet stormwater post-construction requirements; and relocating utilities (water, wastewater, gas, and telecommunications).

**DONLON ROAD REALIGNMENT INTERSECTION**



**Client:** County of Ventura  
**Contact:** Chris Hooke, P.E., Director of Transportation, (805) 654-2048  
**Project Timeline:** Start – June 2015; Finish – March 2016  
**FE Staff:** Gino Filippin, P.E., QSD, Resident Engineer  
 Dean Johe, QSP, QSD, CPESC, Assistant Resident Engineer  
**FE Services:** Construction Management and Inspection  
**Project Cost:** \$2.2M

**Objective:** This project involved relocating an existing county road to align with the intersection of Highway 118 and Somis Road, creating a four-way intersection. Due to the multiple easements and rights-of-way involved, extensive agency and utility coordination was required to construct a new segment of Donlon Rd. and provide drainage, concrete hardscape, paving, striping, and signalization improvements for Highway 118. Additionally, an 80-foot arch culvert with a 35-foot span was constructed. During project finalization, new roadway sections received micro-surfacing. Extensive Caltrans and utility coordination was required.

*“As part of the County of Ventura’s ongoing road improvements program, we have on occasion hired inspectors from Filippin Engineering to provide valuable field reviews of road conditions and full-time inspection. We have always been pleased with their professional experience and performance.”*

Chris Hooke  
 Deputy Director, Transportation Department  
 County of Ventura

## Indefinite Delivery-Indefinite Quantity On-Call Construction Engineering Services

### 2C. UNDERSTANDING OF WORK

FE understands that the County will select three firms to perform construction management services on various County transportation projects for a three-year term. Each of the three selected firms will be awarded a contract to perform project work for one of the three County maintenance divisions and will perform specific project work within their assigned division under a task order. Countywide projects and projects on the boundary between two maintenance divisions will be awarded to one of the three selected firms through a mini-RFP process, with a task order awarded to the selected firm.

FE also understands that the services to be provided include field, technical, and administrative office work and that field work may include long hours and possible night work in remote County locations.

Because FE provides construction management and inspection exclusively with local agencies, our staff is accustomed to performing in various roles. We understand the value and importance of effective construction management and inspection to ensure successful project outcomes. We understand that each project has individual needs: Some need a full-service team, and others need intermittent or supplemental staff who can work with County Staff. FE is equipped to work with the County to determine the most efficient and economical approach for each assignment. We recognize that many factors can change during a project and that these factors may necessitate changes in the approach to successfully manage the completion of the project. It is our role to manage—not just observe—construction. FE's resources can be increased or decreased to provide support as projects evolve. Our local staff remain adaptable to the County's wants and needs—whether they are related to budget, schedule, or quality assurance—to successfully satisfy changing project needs.

The FE team brings considerable experience from past municipal public agency projects. Many of our projects are contracted and administered under state and federal guidelines, and FE manages all our projects using **Caltrans LAPM and Caltrans Construction Manual procedures**. The majority of FE's projects are public agency assignments versus residential, commercial, or private projects. Consequently, our project management controls, and our staff maintain an intimate familiarity with LAPM, Greenbook, American Water Works Association, and County of Santa Barbara standards details and specifications and project management controls. This familiarity is a necessary component to ensure construction quality control and documentation remain in accordance with the goals of our public agency clients. FE has passed every project audit to date without issue.

It is important to first have coordination between the County's Project Manager and the FE Contract Manager to establish necessary roles, scope of work, and project timelines. FE staff will work closely with the County to choose the appropriate FE team members for each project, decisions that are typically based on FE staff experience with the type of project, the construction timeline, and staff availability.

Once a project is initiated and the CMIT team is assembled, we will have regular status meetings and communication with the County via phone, email, and Zoom/Microsoft Teams to ensure project expectations are met. We will work closely with all the County's design teams to ensure the design intent is accomplished during construction.

## Indefinite Delivery-Indefinite Quantity On-Call Construction Engineering Services

# CONSTRUCTION ENGINEERING SERVICES DESIGN/CONSTRUCTABILITY REVIEW SERVICES

FE's construction management team will thoroughly review the plans, specifications, permits, agreements, and reports to ensure accuracy, consistency, and completeness. FE is intimately familiar with Microsoft Teams and Bluebeam, as these are the software programs our staff use for remote meetings, design collaboration, and plan/specification constructability reviews, as well as during construction management and inspection. One of the main objectives of constructability review is to minimize potential change orders and schedule delays during construction by ensuring the construction documents are adequately coordinated, substantially complete, and buildable. We also realize that the County's goal is to achieve the lowest bids possible, so we will include a value engineering component and keep that goal in mind. To accomplish these goals most efficiently, we propose the following approach to the project:

**Kickoff Meeting:** This initial coordination meeting is held before reviewing the plans and specifications to get an overall feel for how far along the project documents are, what comments have been given so far (so as not to be redundant), issues that have arisen during the design phase of the project that would be pertinent to our review (for example, desired phasing strategy and permitting documents), and any other coordination issues that can give our team the best start in identifying the highest value items for the appropriate stage of the documents.

**Site Visits:** Our project team will conduct on-site visits as necessary to become familiar with the surroundings and photo document the critical features. Visiting the site gives the team an opportunity to identify additional problems and concerns that may not be apparent from a site map or archival data.

**Constructability Review:** FE generally follows Caltrans Constructability Review Checklists; however, we find these lists are not always comprehensive and project specific, so we also review project documents for the following:

### GENERAL

---

- » Review overall clarity and consistency of the documents, specifications, and plans. All contract parts should work in harmony.
- » Confirm measurement and payment language is adequate and quantities are correct. Check specifically that pay items in the bid tabulation are covered in the specifications and that all the required work is covered by the pay items.
- » Review that the work shown on the plans is adequately covered in the Special Provisions or the Standard Specifications.
- » Review that the specifications allow for work efficiency, when appropriate.
- » Confirm appropriate Agency specifications are referenced and check for standardization of details on the contract documents.
- » Confirm necessary details, cross sections, and typical sections are covered in the plans and consistent with the specifications.
- » Identify redundant specification sections, details, and notes for removal to ensure the contract package is appropriately succinct; superfluous requirements will increase bid amount.



## Indefinite Delivery-Indefinite Quantity On-Call Construction Engineering Services

### ENVIRONMENTAL PERMITTING AND STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

---

- » Check that necessary mitigations or inspections included in the environmental document and technical studies are included in the contract work.
- » Review and ensure SWPPP and Water Pollution Control is adequately specified and defined.
- » Cross-check that appropriate permits are provided and that conditions of approval are incorporated into the bid package.
- » Confirm that any environmental agency construction windows and impacts are outlined clearly.

### STAGING/PHASING

---

- » If included, ensure the construction staging plans are workable, complete, and shown adequately.
- » Review site logistics and constraints and confirm limitations of access for the work are reasonable and clearly conveyed.
- » Confirm temporary construction easements are adequate, if applicable.
- » Confirm available stockpiling areas are identified and appropriate.
- » Confirm haul routes are identified and review turnaround areas, if applicable.
- » Confirm temporary fencing is adequate and identified.

### GRADING/EARTHWORK

---

- » Confirm removal limits are clearly shown.
- » Confirm sawcutting limits are specified.
- » Confirm earthwork and paving quantities are provided.

### SCHEDULING

---

- » Review that scheduling requirements are included in the contract and will be adequate to manage the project and forecast future impacts to the public.
- » Confirm that impacts of required phasing requirements are clear and considered in the overall construction schedule.
- » Consider the engineer's estimate and working days on the project. If we believe the contract time or budgets are not appropriate, we will discuss this with the Agency.

### UTILITIES AND AGENCIES

---

- » Review that known underground facilities are adequately shown on the plans and necessary potholing or protection is included in the contract documents.
- » During our on-site visits, note any surface features that would indicate additional utilities not shown on the plans.
- » Review that utility clearances and cover are adequate.
- » Identify possible utility conflicts or areas where potholing before bidding may be appropriate.
- » Confirm sequencing of utilities and road and structures work.
- » Verify agency permits have been acquired as necessary (from Caltrans).

### TRAFFIC CONTROL PLANS AND/OR SPECIFICATIONS

---

- » Review that constraints and direction are clearly conveyed and reasonable to complete the work.
- » Confirm that specifications for traffic handling and lane closures are included.



## Indefinite Delivery-Indefinite Quantity On-Call Construction Engineering Services

- » Cross-check consistency between contract documents (plans and specifications) and peripheral project documentation and reports.
- » Check that the traffic control plans are coordinated with the project phasing.
- » Check that signing meets traffic needs in each phase.
- » Confirm work zones are large enough for required equipment access.
- » Check that emergency vehicles can travel through work zones without delay.

### DRAINAGE

---

- » Review potential drainage problems through the temporary construction areas.
- » Check drainage system design to ensure ease of maintenance.
- » Ensure off-site drainage has been considered beyond the construction limits.
- » Review drainage interface with adjoining facilities.

**Constructability Review Spreadsheet, Word Document, and Bluebeam:** The FE team will add review comments to the contract documents as follows, or as requested by the Agency:

- Specifications – Microsoft Word using track changes, or Bluebeam PDF markup
- Plans – Bluebeam PDF markup
- Cost estimates – Microsoft Excel
- Schedules – Microsoft Project

FE will create a spreadsheet that organizes comments on the above topics by category and includes references to the plan sheet or specification section. FE will submit a draft of the constructability review spreadsheet and other files to the Agency or design team before setting up a meeting to review any questions that arise during the initial review.

**Meeting to Review Draft Comments:** After an initial review of the construction documents and preparation of the draft spreadsheet and files as outlined above, we would like to have a meeting with the Agency to go over any questions that come up during this review. This helps the construction management team understand factors that shaped the project plans to optimize the remaining review time. We understand that critical decisions were made during earlier stages of the project that drastically impact overall project cost, schedule, and constructability. Our team should understand this background. This will help us provide comments and suggestions that result in a clearer, biddable, and efficient set of final contract documents. At this meeting, we will provide a list of questions and items needing clarification and a draft spreadsheet of all comments. Following the constructability review meeting, we will finalize the comments and accompanying memorandum for the Agency and design team response and tracking. We aim to foster an atmosphere of teamwork where we can provide relevant comments to a receptive design team, working together as one team to provide maximum benefit to the Agency. When interfacing with the designer, our approach is positive. For example, we ask the designer whether they have considered a particular aspect of the project, rather than negatively informing the designer something has been forgotten or is not buildable.

**Estimation of Working Days:** For this phase, we will estimate the construction duration required to confirm the working days provided by the designer. The lead time required for equipment items will be considered in the specifications for bidding. Depending on the project's complexity, we may develop a concept construction schedule in Gantt chart format for the purpose of estimating working days. Generally, we use Microsoft Project for this purpose.

## Indefinite Delivery-Indefinite Quantity On-Call Construction Engineering Services

**Constructability Review Technical Memorandum and Comments List:** We will provide the Agency with a final review memo summarizing FE's constructability review comments for the project. This will include an electronic copy of the spreadsheet, which allows for distribution to the Design Engineer for response, along with Agency tracking of responses on the review comments.

### DESIGN/CONSTRUCTABILITY REVIEW SCOPE

- Coordination meeting with the Design Engineer and Agency Staff
- Plan and specification connectivity at 90% and 100% design, or other design stages if needed
- Construction sequencing (order of work)
- Construction means and methods
- Value engineering
- Quantity verification
- Environmental permit compliance
- Permit agency coordination
- Utility owner (private and public) coordination
- Project critical path method and schedule (verification of working days)
- Cost estimates verification

### DESIGN/CONSTRUCTABILITY REVIEW DELIVERABLES

- » Technical memorandum with recommended construction phasing and findings from plans, specifications, and estimates.

## CONSTRUCTION MANAGEMENT AND INSPECTION

### PRE-CONSTRUCTION SERVICES

The FE team believes pre-construction tasks are crucial in familiarizing ourselves with all project constraints, critical items, and unusual conditions. Before the start of construction, the FE team will perform the following:

#### PRE-CONSTRUCTION PHASE SCOPE

- Review of contract documents and RE pending file
- Establishment of administration control system
- Coordination meeting with the Design Engineer and Agency Staff
- Pre-construction meeting and distribution of meeting minutes
- Establishment of communication procedure
- Pre-construction condition documentation
- Bid Phase support, if needed

#### PRE-CONSTRUCTION PHASE DELIVERABLES

- » Notice to proceed for the Contractor
- » Proposed submittal list
- » Pre-construction meeting minutes
- » Pre-construction condition documentation

### CONSTRUCTION SERVICES

FE's construction management staff are capable of fully managing a project without active oversight and have successfully delivered services on many state and federally funded projects. As Construction Managers, we will be responsible for the construction contract administration and construction engineering, including the technical and administrative control of all project elements and quality assurance of the Contractor's work. Our Construction Managers are knowledgeable of, and able to apply, the pertinent standards and specifications and other state and federal requirements for construction projects, including the latest Buy America requirements and DBE requirements. CM duties will include those listed below and duties required to fulfill the construction management role for the project's duration, until the project paperwork is finalized and approved.

## Indefinite Delivery-Indefinite Quantity On-Call Construction Engineering Services

### CONSTRUCTION PHASE SCOPE FOR CONSTRUCTION MANAGEMENT

- Construction management plan and execution
- Project communication and coordination
- Monitoring of and compliance with schedules
- Drafting and negotiation of change orders
- Contract documentation procedures establishment and maintenance
- Progress reporting and recordkeeping
- Maintenance of request for information (RFI) and submittal logs, including reviewing and routing as necessary and preparing responses and submittals
- Review and processing of progress pay estimates
- Research of and response to notices of potential claims
- Review and management of all contractor correspondence, preparation of responses, coordination
- Material substitution requests
- Cost request bulletins and associated backup for negotiation of changes
- Weekly statement of working days
- Project communication with stakeholders
- Collaboration with Design Engineer and Agency staff
- Compliance with plans, specifications, and permits
- Claim avoidance, review, and resolution
- Chairing of pre-construction and weekly meetings
- Final inspection and recommend acceptance
- Preparation of quantity sheets and source documents for work-for-pay requests
- Verification of materials testing certifications
- Progress meetings
- SWPPP and permit compliance monitoring
- Coordination with contracted surveyors and material testing

FE's Construction Inspectors have successfully delivered inspection services on many state and federally funded projects and are experienced in all pertinent Caltrans standards and specifications and other state and federal requirements for construction projects. They are excellent communicators, not only with contractor staff and the construction management team, but also with Agency Staff and the general public. As the on-site inspectors, they will be responsible for supporting the construction contract administration and monitoring daily activities of the implemented work. Their duties will include those listed below and other duties required to fulfill their role for the project's duration, until the project paperwork is finalized and approved.

### CONSTRUCTION PHASE SCOPE FOR CONSTRUCTION INSPECTION

- Construction observation/inspection
- Photographic documentation
- Quality assurance
- Conflict and field issue identification
- Daily inspection reports
- Quantity verification
- Labor, material and equipment verification
- Extra work/contract change order (CCO) diary of work
- Materials testing coordination per quality assurance plan
- Monthly quantity sheets for progress payments
- Punchlist for final inspection
- Safety and public relations
- Maintenance of field record drawings
- Request and review of material certifications
- Review of bid sheet quantities for accuracy
- Traffic control and public safety
- Close coordination with RE
- Labor compliance

During the project's construction phase, our team will perform the services listed above as well as those requested by Agency Staff. This list outlines deliverables we provide and expect will be necessary:

### CONSTRUCTION PHASE DELIVERABLES

- » Weekly meeting agenda and minutes
- » Monthly progress reports
- » Submittal log and response tracking
- » RFI log and response tracking
- » Shop drawing/sample log and response tracking
- » CCO log and response tracking
- » Independent cost evaluation of potential change orders
- » Record drawing markups
- » Labor compliance log
- » SWPPP compliance log
- » Daily inspection reports
- » Daily photographic records
- » Documentation in accordance with LAPM
- » Bulletin log and response tracking



## Indefinite Delivery-Indefinite Quantity On-Call Construction Engineering Services

- » Weekly statements of working days
- » Quantity backup information

Our staff is familiar with online Construction Management Information System (CMIS) software and have used CMIS software to provide project deliverables for several local agencies.

### POST-CONSTRUCTION SERVICES

We will submit to the County a complete project that is of the highest quality—both the physical construction site and the accompanying documentation. Following completion of construction, FE will deliver the following.

#### POST-CONSTRUCTION PHASE SCOPE AND DELIVERABLES

- » Final inspection and punchlist
- » Compilation of as-built information (redlines) from FE and contractor markups to submit to the Engineer of Record to develop Record Drawings
- » Recommendation for final payment and acceptance
- » Statement of final quantities and/or final balancing change order
- » Notice of completion
- » Compilation of outstanding claim information for closeout
- » Electronic copy of all project files in Caltrans standard recordkeeping guidelines
- » Hard copy (if requested) of all project files in Caltrans format, consistent with electronic files

### LABOR COMPLIANCE SERVICES

We know labor compliance is a crucial portion of public projects in California, and extensive when there are multiple subcontractors on a project. FE performs labor compliance administration services in accordance with the LAPM and Department of Industrial Relations (DIR), including labor compliance checks as required by 29 CFR 5. This check includes verification of upload to the DIR Certified Payroll site, collection and spot-checking of contractor- subcontractor-submitted certified payroll reports, and labor compliance interviews. FE’s Labor Compliance Officer routinely performs and oversees labor compliance activities for over \$60 million in construction annually and has developed strong working relationships with labor compliance oversight personnel in many local agencies and the DIR. The Labor Compliance Officer will administer labor compliance to enforce the contract’s provisions and ensure that all labor compliance requirements are performed and documented in the project file, and will spearhead coordination among the construction management team, contractor, and Agency Staff. Our Labor Compliance Officer is intimately familiar with LCPtracker, uses it to track and submit certified payroll to the DIR, and reviews contractor-certified payroll that has been certified through LCPtracker, most recently for emergency work on three debris basins for the Santa Barbara County Flood Control and Water Conservation District. Labor compliance services are detailed below.

#### LABOR COMPLIANCE SERVICES

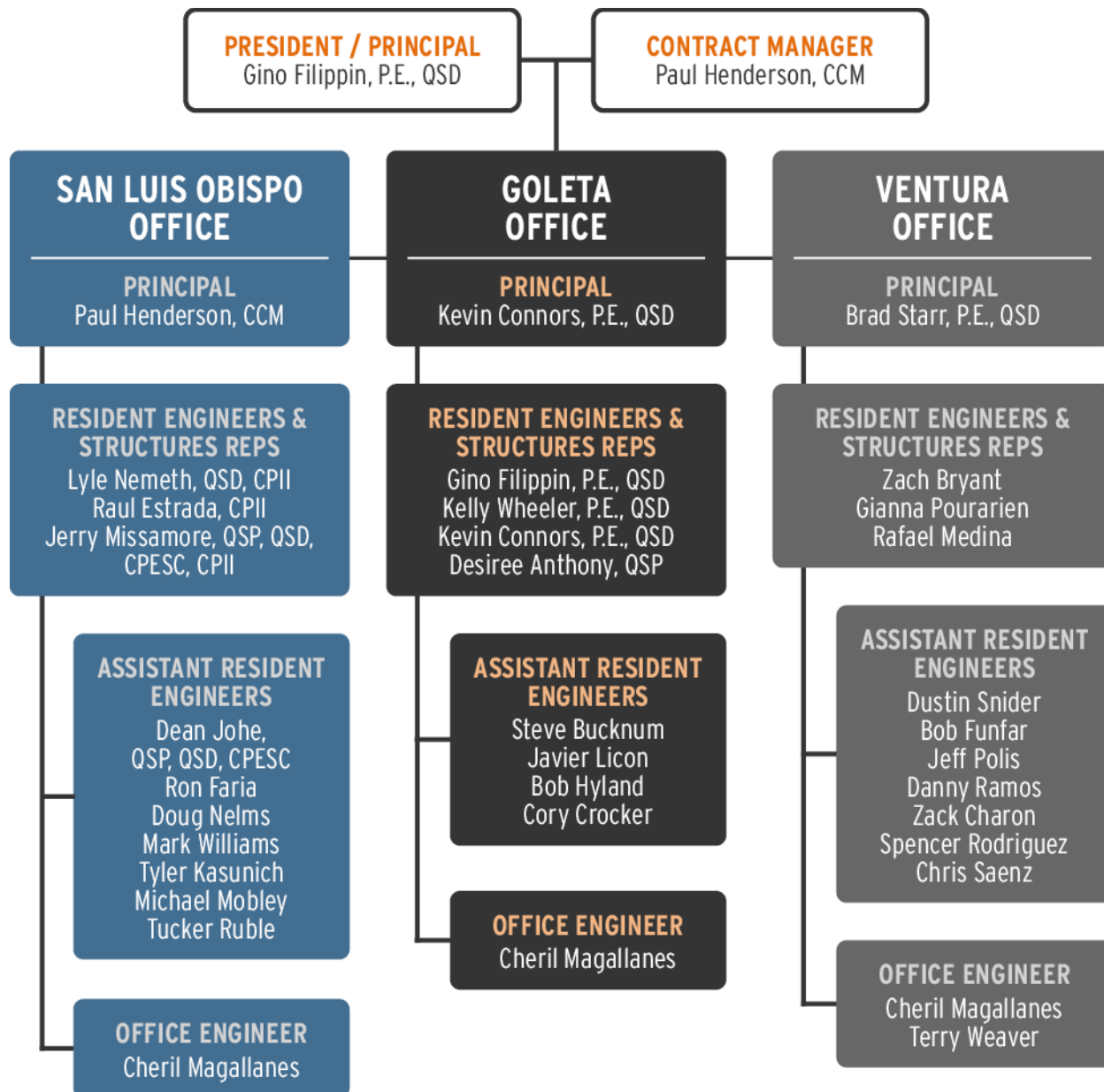
- Collection of certified payroll and DBE paperwork
- Verification of upload to the DIR
- Verification of contractor-specified posters, notices, and wage determinations at the job site
- Daily report review, which notes employees, labor classifications, hours worked, and equipment working on the project
- Necessary sanctions against contractor for failure to submit payroll or noncompliance with labor standard requirements
- On-site interviews
- Federal and state apprentice certification maintenance
- Monitoring of Equal Employment Opportunity and non-discrimination provisions
- Comparison of contractor and subcontractor force account or day labor work to certified payrolls
- Response to any labor compliance inquiries
- Spot-checking of payrolls or listings to ensure that, at minimum, applicable Davis-Bacon or state prevailing wage rates are paid

**Indefinite Delivery-Indefinite Quantity  
On-Call Construction Engineering Services**

**LABOR COMPLIANCE DELIVERABLES**

- » Complete set of certified payroll hard copies, on-site interviews, and written evidence of apprentices
- » Complete list of outstanding documentation and written evidence of notifications and sanctions against the contractor

### 3. FILIPPIN ENGINEERING STAFF



## Indefinite Delivery-Indefinite Quantity On-Call Construction Engineering Services

### PRINCIPAL IN CHARGE & CONTRACT MANAGER



#### **GINO FILIPPIN, P.E., QSD, PRESIDENT, PRINCIPAL IN CHARGE**

##### **OFFICE LOCATION: GOLETA AND SAN LUIS OBISPO AND VENTURA**

Gino Filippin, Principal Engineer at FE's Goleta office, boasts over 40 years of experience in construction management, particularly within transportation and road projects. A registered Civil Engineer, Gino has garnered extensive expertise in managing large-scale public works projects, demonstrating his proficiency in Caltrans procedural matters, claims avoidance, and innovative solutions. His exceptional ability to communicate effectively with clients, contractors, and regulatory agencies has consistently resulted in successful project deliveries.

As Principal-In-Charge for the IDIQ contract, Gino brings his vast experience to the forefront, managing complex transportation projects with precision and expertise. Notable projects under his leadership include the \$23 million US 101/Springville Interchange project in Camarillo, the \$24 million Lewis Road Widening project in Ventura, and the Tank Farm Road/Broad Street Intersection Reconstruction project in San Luis Obispo. His role often involves coordinating with multiple stakeholders, ensuring compliance with stringent regulatory requirements, and overseeing the intricate details of project execution.

Gino's extensive project portfolio includes the Matilija Dam Ecosystem Restoration and the Sycamore Creek Widening and Punta Gorda Street Bridge Replacement. His work on these projects showcases his ability to handle diverse challenges, from environmental coordination and utility relocation to the construction of new infrastructure and enhancements to existing facilities.

Gino's leadership and dedication to excellence have earned him recognition, including the American Public Works Association (APWA) Central Coast Chapter's Professional of the Year award. His commitment to delivering high-quality, timely, and efficient construction engineering services continues to drive FE's success in meeting the County of Santa Barbara's transportation infrastructure needs.



#### **PAUL HENDERSON, CPENG, CCM, CONTRACT MANAGER**

##### **OFFICE LOCATION: SAN LUIS OBISPO**

Paul Henderson, Principal Construction Manager at FE's San Luis Obispo office, brings over 20 years of international experience in civil engineering and construction management. Paul has managed numerous high-profile transportation projects in the U.S., Australia, and New Zealand. As a professional engineer and Certified Construction Manager, his expertise spans the design and construction of the breadth of civil infrastructure, including roadways, utilities, bridges, and roundabouts.

In his role as Contract Manager for the IDIQ contract, Paul will oversee various transportation projects, ensuring they meet local, state, and federal requirements. Paul will ensure the CM teams are performing in accordance with the requirements of the Agreement and Task Order. Notable projects under his management include the Caltrans SR 49/108 Roundabout project and Pacifica Esplanade Avenue Sewall Storm Damage Repairs project. These projects highlight Paul's capability in managing complex infrastructure project teams, emphasizing safety and efficiency. Paul has significant experience administering contracts in the Caltrans and LAPM format.



**Indefinite Delivery-Indefinite Quantity  
On-Call Construction Engineering Services**

Paul has earned recognition for his hands-on approach and effective project management. His commitment to excellence ensures that the County of Santa Barbara’s transportation projects are executed successfully, enhancing the region’s transportation network and safety for the community.

**RESIDENT ENGINEERS**



**KELLY WHEELER, PE, QSD, PRINCIPAL/RESIDENT ENGINEER**

**OFFICE LOCATION: GOLETA**

Kelly Wheeler, Principal Construction Manager at FE’s Goleta office, boasts 24 years of experience in construction management and civil engineering design. Kelly is a registered Civil Engineer who excels in coordinating large-scale transportation projects. Her extensive portfolio includes serving as Resident Engineer for the Anapamu Bridge Replacement and the Lower Mission Creek projects in Santa Barbara. These projects involved significant coordination with multiple agencies and complex utility relocations, showcasing her ability to manage intricate infrastructure enhancements.

As Principal Construction Manager for the IDIQ contract, Kelly uses her expertise to oversee various transportation projects, ensuring they adhere to state and federal regulations. Her notable achievements include the \$13 million Randall Road Debris Basin project and the comprehensive Mason Street Bridge Replacement.

Her dedication and leadership have earned her multiple accolades, including the APWA Central Coast Chapter’s Professional of the Year. Kelly’s commitment to delivering high-quality construction engineering services makes her an invaluable asset to the County of Santa Barbara’s transportation infrastructure initiatives.



**KEVIN CONNORS, PE, QSD, PRINCIPAL/RESIDENT ENGINEER**

**OFFICE LOCATION: GOLETA AND VENTURA**

Kevin Connors, Principal Construction Manager at FE’s Goleta office, brings over 39 years of experience in civil engineering and construction management, specializing in transportation and road projects. As a registered Civil Engineer, Kevin has managed numerous high-profile projects, demonstrating his expertise in overseeing complex infrastructure developments. His role in the IDIQ contract involves leading transportation projects to ensure they meet the highest standards.

Kevin’s notable projects include the State Street Undercrossing in Santa Barbara, the Los Positas Multiuse Path project, and the Springville Drive Interchange on the 101 Freeway. These projects highlight his ability to manage large-scale, multifaceted construction efforts, involving coordination with multiple agencies and adherence to regulatory requirements.

Kevin’s extensive experience and leadership have earned him several accolades, including multiple APWA Project of the Year awards. His commitment to excellence ensures that the County of Santa Barbara’s transportation infrastructure projects are completed successfully, enhancing safety and functionality for the community.



**BRAD STARR, P.E., QSD/P, CFM, PRINCIPAL/RESIDENT ENGINEER**

**OFFICE LOCATION: VENTURA**

Brad Starr, Principal Construction Manager at FE’s Ventura office, brings over 30 years of experience in civil engineering and construction management, with a strong focus on transportation and road projects. As a registered Civil Engineer, Brad has managed numerous high-profile projects,

## Indefinite Delivery-Indefinite Quantity On-Call Construction Engineering Services

demonstrating his expertise in overseeing complex infrastructure developments. His role in the IDIQ contract involves leading transportation projects to ensure they meet the highest standards of quality and compliance.

Brad's notable projects include the Victoria Avenue Resurfacing and the Matilija Dam Ecosystem Restoration and Santa Ana Boulevard Bridge Replacement. These projects highlight his ability to manage large-scale, multifaceted construction efforts, involving coordination with multiple agencies and adherence to regulatory requirements.

His extensive experience and leadership have earned him recognition, including the 2019 APWA Engineer of the Year award. Brad's commitment to excellence ensures that the County of Santa Barbara's transportation infrastructure projects are completed successfully, enhancing safety and functionality for the community.



### **LYLE NEMETH, P.E., QSD, SENIOR ENGINEER/RESIDENT ENGINEER** **OFFICE LOCATION: SAN LUIS OBISPO**

Lyle Nemeth, Senior Construction Manager at FE's San Luis Obispo office, brings over 10 years of experience in civil engineering and construction management, with a focus on transportation and road projects. As a registered Civil Engineer and Certified Public Infrastructure Inspector, Lyle has managed significant infrastructure projects, demonstrating his expertise in overseeing complex developments.

In his role for the IDIQ contract, Lyle will be the Construction Manager for various transportation projects, ensuring compliance with local, state, and federal standards. Notable projects include the Santa Lucia Road Bridge Replacement and the Via Avenue Bridge Replacement in Atascadero, where he served as Resident Engineer. These projects involved intricate construction tasks, including new bridge installation, roadway improvements, and utility relocations.

Lyle's experience and dedication to quality and safety have made him a vital asset to FE. His commitment to excellence ensures that the County of Santa Barbara's transportation infrastructure projects are executed efficiently and effectively, enhancing the safety and functionality of the region's roadways.

## STRUCTURE REPRESENTATIVES



### **RAUL ESTRADA, ASSOCIATE CONSTRUCTION MANAGER** **OFFICE LOCATION: GOLETA AND SAN LUIS OBISPO**

Raul Estrada, Construction Manager at FE's San Luis Obispo office, brings over 15 years of civil and construction management experience, specializing in transportation and road projects. With a bachelor's degree in civil engineering from Cal Poly San Luis Obispo and certifications as a Public Works Inspector and Asphalt Inspector, Raul has extensive expertise in managing and inspecting large-scale infrastructure projects.

Raul's notable projects include serving as Assistant Resident Engineer for the Anapamu Bridge Replacement and the Marsh Street Bridge Replacement in San Luis Obispo. His role in the IDIQ contract will involve overseeing the successful execution of transportation projects, ensuring compliance with Caltrans standards and local regulations.

Raul's experience with Caltrans Districts 5 and 7 has equipped him with a comprehensive understanding of construction methods and procedures. His dedication to quality and efficiency ensures the County of Santa Barbara's transportation projects are completed on time and within budget, enhancing the region's infrastructure.

**Indefinite Delivery-Indefinite Quantity  
On-Call Construction Engineering Services****DESIREE ANTHONY EIT, QSP, ASSISTANT CONSTRUCTION MANAGER**  
**OFFICE LOCATION: GOLETA**

Desiree Anthony, Assistant Construction Manager at FE's Goleta office, brings over 7 years of experience in civil engineering and construction management. With a Bachelor of Science in civil engineering from California State University Chico, Desiree has a diverse background in managing transportation and road projects. Her expertise includes working with various Central Coast agencies to ensure project completion with quality and efficiency.

In her role for the IDIQ contract, Desiree will be the Construction Manager for various transportation projects. Notable example projects include State Street Undercrossing and the Westside Community Paseos projects in Santa Barbara. Her responsibilities encompass overseeing construction activities, coordinating with stakeholders, and ensuring compliance with safety and quality standards. Desiree's extensive field experience and ability to develop strong working relationships make her a valuable asset to FE and the County of Santa Barbara's transportation infrastructure projects.

**ZACHARY BRYANT, ASSOCIATE CONSTRUCTION MANAGER**  
**OFFICE LOCATION: VENTURA**

Zach Bryant, Construction Manager at FE's Ventura office, brings 20 years of experience in public works and construction, specializing in transportation and road projects. Zach's expertise includes managing large-scale infrastructure projects such as bridge reconstructions, roadway widenings, and street resurfacing. His recent role as Assistant Resident Engineer for the Santa Ana Boulevard Bridge Replacement, part of the Matilija Dam Ecosystem Restoration project, highlights his proficiency in complex project management and coordination.

Zach has successfully managed numerous projects, including the \$1.9 million Anacapa Middle School Safe Routes to School project and multiple annual citywide street maintenance and slurry seal projects in Ventura. His extensive background in materials testing, inspection, and construction management ensures that all projects meet high standards of quality and safety. Zach's strong communication skills and problem-solving abilities make him a valuable asset in delivering efficient and effective transportation solutions for the County of Santa Barbara.

**GIANNA POURARIEN, ASSOCIATE CONSTRUCTION MANAGER**  
**OFFICE LOCATION: VENTURA**

Gianna Pourarien, Construction Manager at FE's Ventura office, has over eight years of experience in civil engineering and construction management, with a focus on transportation and road projects. Gianna holds a Bachelor of Science in civil engineering from California State University Northridge and has extensive expertise in roadway and highway construction, underground utilities, and grant-funded projects.

In her role for the IDIQ contract, Gianna will manage various transportation projects, ensuring they meet local, state, and federal standards. Notable projects include the \$13.5 million Pearblossom Highway Reconstruction project and the \$6.5 million Thin Maintenance Overlay Phase II project in Oxnard. Her ability to develop strong working relationships with different agencies, contractors, and stakeholders ensures projects are completed on time and with high quality. Gianna's experience and dedication to excellence make her a valuable asset to FE and the County of Santa Barbara's transportation infrastructure projects.



## Indefinite Delivery-Indefinite Quantity On-Call Construction Engineering Services



### **RAFAEL MEDINA, ASSISTANT CONSTRUCTION MANAGER** **OFFICE LOCATION: VENTURA**

Rafael Medina, Assistant Construction Manager at FE's Ventura office, brings over 20 years of construction experience, focusing on transportation and road projects. With a Bachelor of Science in mechanical engineering from California State University Northridge, Rafael has extensive expertise in managing and inspecting large-scale infrastructure projects.

Rafael has served as Assistant Resident Engineer on various high-profile projects, including the Matilija Dam Ecosystem Restoration/Santa Ana Boulevard Bridge Replacement project and the Camarillo Annual Overlay Old Town project. His experience encompasses asphalt overlay, concrete improvements, cold milling, slurry seal, and utility adjustments. Rafael's adept management ensures projects are completed efficiently and to the highest quality standards, benefiting the County of Santa Barbara's transportation infrastructure. His bilingual skills and extensive background make him an invaluable asset in delivering successful projects for the community.

## STRUCTURE REPRESENTATIVE AND ASSISTANT RESIDENT ENGINEERS



### **JERRY MISSAMORE, QSP, QSD, CPESC, ASSISTANT RESIDENT ENGINEER** **OFFICE LOCATION: SAN LUIS OBISPO AND GOLETA**

Jerry Missamore, Assistant Construction Manager at FE's San Luis Obispo office, brings over 23 years of experience in the construction industry, with significant expertise on both the management and contractor sides. Jerry has played key roles in numerous transportation projects, including the Las Positas Multiuse Path and Marsh Street Bridge Replacement projects. His responsibilities have encompassed construction inspection, field observation, and compliance monitoring.

Jerry's contractor experience includes managing projects like the Railroad Safety Trail Phase 4A and the Downtown Transfer Center in San Luis Obispo. These roles involved coordination, scheduling, material procurement, and crew oversight. Jerry's comprehensive background ensures projects are completed efficiently and to high standards, significantly benefiting the County of Santa Barbara's transportation infrastructure.



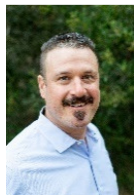
### **DEAN JOHE, QSP, QSD, CPESC, ASSISTANT RESIDENT ENGINEER** **OFFICE LOCATION: SAN LUIS OBISPO**

Dean Johe, Chief Construction Inspector at FE's San Luis Obispo office, brings over 38 years of experience in the construction industry, with a robust background in both construction management and contracting. Certified as a QSP/QSD Inspector with a Professional Certification in Erosion and Sediment Control, Dean has overseen numerous transportation and road projects.

In his role for the IDIQ contract, Dean's extensive contractor-side experience is invaluable. He has managed significant projects such as the Bridge Street Bridge Replacement in Arroyo Grande and the North Chorro Neighborhood Greenway in San Luis Obispo. His responsibilities have included inspecting SWPPP compliance, coordinating with stakeholders, and supervising construction activities.

Dean's previous roles include working as an Underground Utility Foreman for R. Burke Corporation, where he specialized in public works projects. His hands-on experience with project coordination, quality control, and construction supervision ensures that transportation projects under his inspection are executed efficiently and meet the highest standards.

## Indefinite Delivery-Indefinite Quantity On-Call Construction Engineering Services



### **DUSTIN SNIDER, ASSISTANT RESIDENT ENGINEER**

#### **OFFICE LOCATION: VENTURA**

Dustin Snider, Senior Inspector at FE's Ventura office, has 15 years of experience in construction special inspection and materials testing. With a solid background in transportation and road projects, Dustin's expertise includes underground utilities, roadway and bridge construction, paving, and resurfacing. His certifications as an International Code Council (ICC) Reinforced Concrete/Structural Masonry Inspector and American Concrete Institute (ACI) Concrete Testing Technician enhance his qualifications.

Dustin has managed significant transportation projects such as the Matilija Dam Ecosystem Restoration, Santa Ana Boulevard Bridge Replacement, and Los Positas Multiuse Path projects. His responsibilities have included inspection of demolition, construction, and compliance with project specifications, ensuring the highest standards of quality and safety.

Dustin's extensive experience and strong interpretation of project plans make him a crucial asset to the County of Santa Barbara's transportation infrastructure projects. His effective communication skills further contribute to successful project outcomes.

## **ASSISTANT RESIDENT ENGINEERS**

---



### **JAVIER LICON, ASSISTANT RESIDENT ENGINEER**

#### **OFFICE LOCATION: VENTURA AND GOLETA**

Javier Licon, Senior Inspector at FE's Ventura and Goleta office, has over 21 years of experience in public works construction, specializing in transportation and road projects. His extensive background includes working on municipal projects such as water and sewer pipelines, underground utilities, drainage structures, and pavement maintenance.

Javier has demonstrated exceptional skills in managing complex transportation projects. Notable projects include the Citywide Street Improvements project in Santa Paula and the Buena Vista/San Fernando Road Expansion project in Burbank. His duties often involve inspection, project coordination, and ensuring compliance with safety and quality standards.

Javier's hands-on experience as a former foreman for Toro Construction has equipped him with the practical knowledge necessary to effectively resolve field conflicts and communicate with designers and agency staff. His comprehensive understanding of construction and engineering details makes him an invaluable asset to the County of Santa Barbara's infrastructure projects.



### **JEFF POLIS, ASSISTANT RESIDENT ENGINEER**

#### **OFFICE LOCATION: VENTURA AND GOLETA**

Jeff Polis, Senior Inspector at FE's Ventura and Goleta office, has over 19 years of experience in the construction industry, specializing in transportation and road projects. Jeff's extensive background includes working on public works projects such as roads, pavement maintenance, bridges, and multiuse paths.

In his role for the IDIQ contract, Jeff will provide critical inspection services for new road construction, grading, asphalt concrete paving, and underground utilities. Notable projects include the Annual Resurfacing and Overlay for



## Indefinite Delivery-Indefinite Quantity On-Call Construction Engineering Services

the City of Camarillo and the Highway 246 Rehabilitation project for Caltrans District 5. His expertise in materials testing and project management ensures compliance with safety and quality standards.

Jeff's experience as a material tester and construction inspector and his strong coordination skills make him a valuable asset in delivering successful transportation infrastructure projects for the County of Santa Barbara.



### **CORY CROCKER, ASSISTANT RESIDENT ENGINEER**

#### **OFFICE LOCATION: VENTURA**

Cory Crocker, Senior Inspector at FE's Ventura office, brings over 20 years of experience in public works inspection and construction management. With extensive expertise in transportation and road projects, Cory is well versed in all facets of constructability and quality assurance.

Cory has inspected significant transportation projects, including the Street Resurfacing projects for Johnson Drive and Telephone Road in Ventura. His responsibilities have included inspecting HMA placement, sampling and testing materials, and ensuring compliance with project specifications.

Cory's background includes working on annual resurfacing and overlay projects for the cities of Camarillo and Goleta and Santa Barbara County. His certifications in Caltrans test methods and ACI field testing enhance his ability to deliver high-quality inspection services, making him a valuable asset to the County of Santa Barbara's transportation infrastructure projects.



### **DANNY RAMOS, ASSISTANT RESIDENT ENGINEER**

#### **OFFICE LOCATION: VENTURA**

Danny Ramos, Senior Inspector at FE's Ventura office, has 10 years of experience in construction special inspection and materials testing, specializing in transportation and road projects. Certified as an ICC Reinforced Concrete/Structural Masonry Inspector and an ACI Concrete Testing Technician,

Danny has extensive expertise in bridge construction, paving, resurfacing, grading, and earthwork.

Danny has inspected significant transportation projects such as the Matilija Dam Ecosystem Restoration project and the Santa Ana Boulevard Bridge Replacement project in Ventura County. His responsibilities included overseeing construction management and inspection while ensuring compliance with project specifications and quality standards.

Danny's experience includes working on various public project constructions, from large grading operations to drilled pier foundations and roadway construction. His comprehensive knowledge and dedication to excellence make him a valuable asset to the County of Santa Barbara's transportation infrastructure projects.



### **BOB FUNFAR, ASSISTANT RESIDENT ENGINEER**

#### **OFFICE LOCATION: VENTURA**

Bob Funfar, Senior Inspector at FE's Ventura office, has 35 years of experience in the construction industry, specializing in transportation and road projects. His extensive background includes roles as a foreman and inspector with the City of Thousand Oaks, where he gained in-depth knowledge of public works projects and water infrastructure.

Bob inspects significant transportation projects, ensuring compliance with safety and quality standards. Notable projects include the Las Posas Valley and Balcom Canyon Road Pavement Resurfacing projects and various other

## Indefinite Delivery-Indefinite Quantity On-Call Construction Engineering Services

pavement resurfacing projects in Ventura County. His expertise in managing complex construction activities, from trenching and excavation to traffic control and asphalt paving, ensures the successful execution of these projects.

Bob's solid background in construction inspection and his hands-on experience in heavy equipment operation make him an invaluable asset to the County of Santa Barbara's infrastructure projects.



### **VINCE CRUZ, ASSISTANT RESIDENT ENGINEER**

#### **OFFICE LOCATION: VENTURA**

Vince Cruz, Senior Inspector at FE's Ventura office, brings over 30 years of experience in public works construction inspection. As a registered Construction Inspector through the American Construction Inspectors Association, Vince has a deep understanding of constructability, construction management, and inspection.

Vince inspects significant transportation projects, ensuring compliance with construction plans and safety standards. Notable projects include the \$31 million Rice Avenue and 101 Freeway Bridge overpass project and the Riverpark Development project, which involved the construction of new residential and commercial properties. Vince's responsibilities included coordinating with multiple agencies, including Caltrans and the County of Ventura, and managing resurfacing projects such as the Wooley Road Resurfacing project.

Vince's extensive experience in managing complex transportation projects and his dedication to quality and safety make him an invaluable asset to the County of Santa Barbara's transportation infrastructure projects.



### **ZACK CHARON, ASSISTANT RESIDENT ENGINEER**

#### **OFFICE LOCATION: VENTURA**

Zack Charon, Senior Inspector at FE's Ventura office, brings over seven years of experience in public works construction. Specializing in transportation and road projects, Zack has extensive expertise in earthworks, grading, pavement maintenance, and underground utilities.

In his role for the IDIQ contract, Zack will inspect transportation projects, Zack's relevant project examples include the Los Positas Multiuse Path project in Santa Barbara, a \$13 million initiative that involved constructing a 2.6-mile multiuse pathway and retaining walls. His responsibilities included inspection, project coordination, and ensuring compliance with environmental standards.

Previously, Zack served as an Operating Engineer at C.A. Rasmussen, where he led a crew of equipment operators and laborers. His hands-on experience and strong problem-solving skills make him an invaluable asset to the County of Santa Barbara's transportation infrastructure projects.



### **SPENCER RODRIGUEZ, ASSISTANT RESIDENT ENGINEER**

#### **OFFICE LOCATION: VENTURA**

Spencer Rodriguez, Senior Inspector at FE's Ventura office, brings over seven years of experience in construction and inspection, specializing in transportation and road projects. With a meticulous attention to detail and proficiency in adhering to Caltrans guidelines, Spencer ensures the successful execution of complex infrastructure projects.

In his role for the IDIQ contract, Spencer will inspect transportation projects, providing thorough field observations and documentation. His transportation experience includes material testing for the Sand Canyon Plaza Off-Site

## Indefinite Delivery-Indefinite Quantity On-Call Construction Engineering Services

project, involving the installation of 3,400 LF of 16-inch ductile iron water main, fire hydrants, and blowoffs, as well as coordinating with the Santa Clarita Valley Water Agency.

Spencer's background as a Senior Soils Technician on large-scale grading jobs and his military experience in the Navy SEAL program have equipped him with exceptional leadership and problem-solving skills. These qualities make him a valuable asset to the County of Santa Barbara's transportation infrastructure projects.



### **CHRIS SAENZ, ASSISTANT RESIDENT ENGINEER**

#### **OFFICE LOCATION: VENTURA**

Chris Saenz, Senior Inspector at FE's Ventura office, has extensive experience in public works and construction inspection, specializing in transportation and road projects. With over 10 years in the industry, Chris has developed a keen eye for detail and a strong commitment to ensuring compliance with federal, state, and local regulations.

Chris inspects significant transportation projects, providing meticulous inspection and documentation. His responsibilities have included inspecting water distribution systems, road construction, and traffic control measures. Chris has a proven track record of managing complex projects, such as the Los Positas Multiuse Path project and various road rehabilitation initiatives.

Chris's background in managing cross-connection control programs and his expertise in water quality and safety standards make him an invaluable asset to the County of Santa Barbara's transportation infrastructure projects. His dedication to quality and safety ensures successful project outcomes.



### **STEVE BUCKNUM, ASSISTANT RESIDENT ENGINEER**

#### **OFFICE LOCATION: SAN LUIS OBISPO AND GOLETA**

Steve Bucknum, Senior Inspector at FE's Goleta office, brings 30 years of experience in the construction industry, specializing in transportation and road projects. His extensive background includes roles as a superintendent and foreman on major infrastructure projects such as roads, pavement maintenance, bridges, and multiuse paths.

Steve has inspected significant transportation projects, including the State Street Undercrossing in Santa Barbara and the Marsh Street Bridge Replacement in San Luis Obispo. His responsibilities encompass inspection, construction management, plan review, and coordination with public agencies.

Steve's hands-on experience as a contractor and foreman provides him with the practical knowledge necessary to effectively manage and inspect complex public works projects. His expertise in constructability and problem-solving makes him an invaluable asset to the County of Santa Barbara's transportation infrastructure projects.



### **RON FARIA, ASSISTANT RESIDENT ENGINEER**

#### **OFFICE LOCATION: SAN LUIS OBISPO**

Ron Faria, Senior Inspector at FE's San Luis Obispo office, brings over 30 years of experience in public works and construction inspection. As a Certified Public Infrastructure Inspector, Ron has an extensive background in transportation and road projects, making him well versed in all facets of constructability and construction management.



## Indefinite Delivery-Indefinite Quantity On-Call Construction Engineering Services

Ron has inspected significant transportation projects such as the Santa Lucia Road Bridge Replacement and Via Avenue Bridge Replacement projects, both in Atascadero. His expertise includes inspecting roadway approach improvements, stormwater drainage systems, and utility relocations.

Ron's comprehensive experience with the City of San Luis Obispo has equipped him with the skills necessary to manage complex projects efficiently. His dedication to quality and safety ensures that the County of Santa Barbara's transportation infrastructure projects are executed to the highest standards.



### **TUCKER RUBLE, ASSISTANT RESIDENT ENGINEER**

#### **OFFICE LOCATION: SAN LUIS OBISPO**

Tucker Ruble, FE's Senior Inspector for the IDIQ contract, brings over eight years of diverse experience in construction and project management. Tucker is based in the San Luis Obispo office, and his provides inspection for utilities and transportation projects, making him an invaluable asset for the IDIQ contract.

In his role as a Contracting Officer in the U.S. Air Force from 2019 to 2023, he oversaw a construction portfolio worth approximately \$24 million. He developed statements of work, issued RFPs, evaluated proposals, and ensured compliance with federal acquisition regulations. His responsibilities also included performing routine site inspections and audits, guaranteeing contractor eligibility and performance.

Tucker's disciplined approach to project management ensures optimal outcomes. His proficiency in contract negotiations, stakeholder management, and adherence to safety regulations aligns perfectly with the goals of the IDIQ contract. As Senior Inspector, Tucker will use his extensive experience and detailed knowledge of transportation projects to deliver quality results, ensuring all project goals are met efficiently and effectively. His commitment to excellence and proven track record make him an ideal leader for the IDIQ contract team at FE.



### **TYLER KASUNICH, ASSISTANT RESIDENT ENGINEER**

#### **OFFICE LOCATION: SAN LUIS OBISPO**

Tyler Kasunich, Senior Inspector at FE's San Luis Obispo office, brings over 32 years of experience in construction observation and field inspection. Specializing in transportation and road projects, Tyler is certified in inspection disciplines that include soil compaction, asphalt sampling, and concrete inspection.

In his role for the IDIQ contract, Tyler will confirm compliance with construction plans and safety standards. Notable projects include the San Miguelito Canyon Road Storm Damage Repairs project and the Roadway Sealing project in Arroyo Grande. His responsibilities include overseeing inspecting construction, coordinating special inspections, and maintaining detailed project documentation.

Tyler's extensive experience in inspecting complex infrastructure projects and his proficiency in handling environmental constraints make him an invaluable asset to the County of Santa Barbara's transportation infrastructure projects. His dedication to quality and safety ensures successful project execution.



### **MARK WILLIAMS, ASSISTANT RESIDENT ENGINEER**

#### **OFFICE LOCATION: SAN LUIS OBISPO AND GOLETA**

Mark Williams, Senior Inspector at FE's San Luis Obispo office, brings over 30 years of experience in public works inspection and construction management. As a Certified Public Infrastructure Inspector, Mark has a deep understanding of constructability and expertise in transportation and road projects.

## Indefinite Delivery-Indefinite Quantity On-Call Construction Engineering Services

Mark oversees significant transportation projects, ensuring compliance with construction plans and safety standards. Notable projects include the Roadway Sealing 2020 project, which involved resurfacing 19 miles of roads, and the Downtown Paving project, focusing on grinding, paving, and installing new curb ramps and traffic signs.

Mark's extensive background in inspecting various public works projects, from storm drains to traffic signals, and his dedication to quality and safety make him an invaluable asset to the County of Santa Barbara's transportation infrastructure projects.

### **BOB HYLAND, ASSISTANT RESIDENT ENGINEER**

#### **OFFICE LOCATION: SAN LUIS OBISPO**

Bob's extensive knowledge of public works projects is demonstrated through his involvement in various significant assignments. Notably, he provided construction inspection for the ATP Cycle 3 Funded Pedestrian Improvements in the City of Guadalupe, which included the construction of sidewalks and ADA curb ramps on Guadalupe Street (Highway 1). His work ensured compliance with safety and accessibility standards, enhancing pedestrian infrastructure.

In the City of San Luis Obispo, Bob inspected the Roadway Sealing Project 2022, overseeing slurry seal laydown, striping, pavement markings, and other traffic safety improvements. This project aimed to enhance the city's multi-modal transportation safety. Bob's role as Senior Construction Inspector also involved intermittent inspection for the 2020 Pavement Rehabilitation Project in the City of Carpinteria. He ensured the quality and compliance of asphalt concrete pavement removal and replacement, concrete curbs, gutters, sidewalks, curb ramps, and driveway approaches.

With his extensive experience, Bob Hyland is a valuable asset to the Filippin Engineering team, bringing exceptional inspection expertise to transportation and road projects under the IDIQ contract. His dedication to quality and compliance ensures successful project outcomes and contributes significantly to the development and maintenance of public infrastructure.

### **DOUG NELMS, ASSISTANT RESIDENT ENGINEER**

#### **OFFICE LOCATION: SAN LUIS OBISPO**

Doug Nelms, Senior Inspector at FE's San Luis Obispo office, brings over 20 years of experience in public works inspection and construction management. As a Certified Public Infrastructure Inspector and Qualified Stormwater Practitioner, Doug has extensive expertise in transportation and road projects.

Doug has inspected significant transportation projects such as the Via Avenue Bridge Replacement and the Santa Lucia Road Bridge Replacement in Atascadero. His responsibilities include ensuring compliance with construction plans, specifications, and safety standards.

Doug's experience includes working on various projects for the City of San Luis Obispo, such as the Foothill Bridge at Stenner Creek and the Bob Jones City-to-Sea Trail Expansion projects. His thorough understanding of constructability and effective communication skills make him an invaluable asset to the County of Santa Barbara's transportation infrastructure projects.



**Indefinite Delivery-Indefinite Quantity  
On-Call Construction Engineering Services**

**MIKE MOBLEY, ASSISTANT RESIDENT ENGINEER**

**OFFICE LOCATION: SAN LUIS OBISPO**

Michael Robley, a Senior Inspector at FE's San Luis Obispo office, brings over 40 years of diverse experience in the construction industry, with a focus on transportation and road projects. His extensive background includes 30 years in various construction roles and an additional decade in Wastewater Collections for the City of Morro Bay. Mike's rich professional journey is marked by hands-on involvement in the construction and inspection phases of numerous infrastructure projects, ensuring compliance with engineering standards and specifications.

Michael uses his extensive experience to provide critical oversight and inspection services for transportation projects. His role involves conducting detailed inspections, preparing CCOs, and ensuring all construction activities adhere to federal, state, and local regulations. Mike's commitment to meticulous documentation and effective communication significantly contributes to the successful execution and timely completion of projects.

Mike's in-depth knowledge of Caltrans standards and his practical field experience position him as an invaluable asset to the FE team, dedicated to delivering high-quality construction engineering services to meet the County's transportation infrastructure needs.

**OFFICE ENGINEERS**



**CHERIL MAGALLANES, OFFICE ENGINEER/LABOR COMPLIANCE OFFICER**

**OFFICE LOCATION: SAN LUIS OBISPO AND GOLETA**

Cheril Magallanes, Office Engineer at FE's Goleta and San Luis Obispo offices, brings over 20 years of experience in professional administrative roles, specializing in transportation and road projects. Cheril excels in labor compliance, SWPPP compliance, and contract administration per the LAPM.

Cheril handles critical office engineering duties, including document control, quality control plan tracking, and ensuring compliance with federal and state regulations. Her meticulous attention to detail and organizational skills have been pivotal in the success of numerous transportation projects.

Notable projects include the State Street Undercrossing in Santa Barbara, the Marsh Street Bridge Replacement in San Luis Obispo, and the Las Positas Multiuse Path project. Cheril's ability to maintain thorough documentation and her expertise in labor and SWPPP compliance make her an invaluable asset to the County of Santa Barbara's transportation infrastructure projects.



**TERRY WEAVER, TECHNICAL/CLERICAL SUPPORT**

**OFFICE LOCATION: VENTURA**

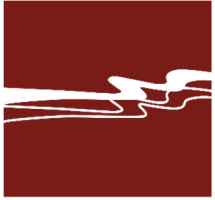
Terry Weaver, Community Outreach Coordinator at FE's Ventura office, brings over 10 years of experience in public outreach, specializing in transportation and road projects. With an associate degree in business from Ventura College, Terry excels in planning, organizing, and implementing community outreach plans for various infrastructure projects.

Terry acts as the single point of contact for disseminating information and managing public relations for transportation projects. Notable projects include the California Street Bridge Upgrade and the Montalvo Safe Routes School Improvements in Ventura. Terry's responsibilities include organizing town hall meetings, distributing flyers, and using social media to keep the public informed.

**Indefinite Delivery-Indefinite Quantity  
On-Call Construction Engineering Services**

Her hands-on experience working with business owners, community-based organizations, and residents ensures effective communication and smooth project execution. Terry’s expertise in public outreach and her dedication to community engagement make her an invaluable asset to the County of Santa Barbara’s transportation projects.

**SUBCONSULTANTS – WALLACE GROUP**



**WALLACE GROUP®**

We are service-oriented professionals in civil and transportation engineering, construction management, landscape architecture, mechanical engineering, planning, public works administration, surveying, geographic information system (GIS) solutions, and water resources who understand the importance of thoughtful collaboration in delivering meaningful, elegant, and cost-effective planning, design, and engineering solutions for our community’s needs.

Our surveying professionals specialize in collecting essential topographic, right-of-way, and other data to support all client needs. The information generated by our surveyors is a key component in support of our wide range of planning, engineering, construction management, GIS, and landscape architecture services. To begin a project, accurate spatial knowledge of the site is needed. We use the latest surveying technology and software to provide highly accurate and useful data. Our surveyors use the best tools—from conventional to robotic to GPS—for the job at hand. Our company has provided surveying services to a wide range of public and private clients and has regularly teamed with industry colleagues on projects. We provide map checking services for public agencies and often answer staff’s questions about subdivision processes, certificates of compliance, the Subdivision Map Act, and the Land Surveyor’s Act.



**Clayton Bradshaw, PLS, PE, is the Director of Surveying** at Wallace Group’s San Luis Obispo office, with over 20 years of experience in land surveying and civil engineering. In Santa Barbara County, Clayton has been pivotal in various transportation and road projects, ensuring precision and adherence to safety standards. He is adept in boundary surveys, topographic mapping, construction staking, pipeline staking, easement surveys, and GPS control for aerial mapping.

A notable recent project is the Avila Beach Drive at US 101 Interchange in San Luis Obispo County, where Clayton directed land surveying services. His work included right of way, boundary, easement, and topographic mapping. Clayton employed innovative terrestrial scanners to capture dense point clouds, enhancing the project’s precision and safety by minimizing traffic exposure. This meticulous approach contributed significantly to the successful design and execution of the project.

**Indefinite Delivery-Indefinite Quantity  
On-Call Construction Engineering Services**

**STAFF EXPERIENCE**

**Transportation Project Types**

FE Team Member	IDIQ Project Role	New Road Construction	Pavement - Maintenance	Slurry Seal	Roadway Improvements	Roadway Realignments	Bridges - New	Bridges - Retrofits	Drainage Structures	Pedestrian Facilities	Sidewalks	Bicycle & Multiuse Paths	ADA Upgrades	Earthworks	Retaining walls	Emergency repair	Permanent disaster restoration
Gino Filippin	Contract Manager	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Paul Henderson	Contract Manager	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Kelly Wheeler	Resident Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Kevin Connors	Resident Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Brad Starr	Resident Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Lyle Nemeth	Resident Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Raul Estrada	Structure Representative	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Zach Bryant	Structure Representative	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Gianna Pourarien	Structure Representative	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Rafael Medina	Structure Representative	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Desiree Anthony	Structure Representative	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Jerry Missamore	Structure Representative/ARE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Dean Johe	Structure Representative/ARE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Dustin Snider	Structure Representative/ARE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Javier Licon	Assistant Resident Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Bob Funfar	Assistant Resident Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Jeff Polis	Assistant Resident Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Danny Ramos	Assistant Resident Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Ron Faria	Assistant Resident Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cory Crocker	Assistant Resident Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Steve Bucknum	Assistant Resident Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Zack Charon	Assistant Resident Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spencer Rodriguez	Assistant Resident Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chris Saenz	Assistant Resident Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Doug Nelms	Assistant Resident Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Mark Williams	Assistant Resident Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Vince Cruz	Assistant Resident Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Bob Hyland	Assistant Resident Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tyler Kasunich	Assistant Resident Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Michael Mobley	Assistant Resident Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tucker Ruble	Assistant Resident Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cheril Magallanes	Office Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Terry Weaver	Office Engineer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

## 4. CONFLICT OF INTEREST

Filippin Engineering (FE) acknowledges the Conflict-of-Interest sections of the RFP. We do not have any financial, business, employment, or other relationships with the County of Santa Barbara or with any of its officers, employees, or agents that are or were in existence at any time. FE also doesn't have any financial, business, employment, or other relationships with a contractor or engineer who may have a financial interest in securing design and/or construction obligation contracts for the project.

## 5. LITIGATION

Filippin Engineering (FE) acknowledges the Litigation Statement section of the RFP. FE is not a party to, or the subject of, any pending litigation, claims, or governmental investigation or proceeding not reflected in FE financial statements, and to the knowledge of FE there are no lawsuits, claims, assessments, investigations, or similar matters, threatened or contemplated against or affecting FE or the management or properties of FE.

## 6. CONTRACT AGREEMENT

Filippin Engineering (FE) has reviewed the County's Contract Agreement and is prepared to execute the Agreement for this project, if given the opportunity by the County. FE is in agreement that the proposal terms will remain in effect for 90 days following the date this proposal is due. The County Standard Agreement is attached in **Appendix A**.

## 7. CONTRACT INFORMATION SHEET

Filippin Engineering (FE) has completed the Contract Information Sheet and is attached in **Appendix B**.

## 8. DBE REQUIREMENTS

Filippin Engineering (FE) has completed the DBE Requirements Sheet and is attached in **Appendix C**.





**APPENDIX A**

**County Standard Agreement**




## 8 ATTACHMENT A – COUNTY STANDARD AGREEMENT

### AGREEMENT FOR SERVICES OF INDEPENDENT CONTRACTOR

Attachment A contains the Standard Agreement used by the County for technical services and added clauses by the State Auditors; no changes will be made to the Standard Agreement language. CONTRACTORS are required to review the Standard Agreement and acknowledge their acceptance of the terms of the Standard Agreement language in the space provided below. Failure to acknowledgement acceptance of the Standard agreement language will cause the rejection of the proposal without further consideration.

Filippin Engineering, Inc. \_\_\_\_\_ acknowledges acceptance of the terms of the Standard Agreement, “Agreement for Services of Independent CONTRACTORS.”

Signature:  \_\_\_\_\_



**APPENDIX B**

**Contractor Information Sheet**

## 9 ATTACHMENT B – CONTRACTOR INFORMATION SHEET

### Contractor Information Sheet

**Name of Proposer** Filippin Engineering, Inc.

**Business P.O. Box** N/A

**City, State, Zip** N/A

**Business Street Address** 354 S. Fairview, Suite D.  
(Include even if P.O. Box is used)

**City, State, Zip** Goleta, CA 93117

**Telephone No.** 805-729-0041 **Fax No.** \_\_\_\_\_

**Contractor License No.** \_\_\_\_\_ **License Classification** \_\_\_\_\_

**Public Works Contractor Registration No.** 1000025770

**Business Type (Check One)** **Corporation:**  **Partnership:** \_\_\_\_\_ **Sole Proprietorship:** \_\_\_\_\_

**Contact Person Name** Gino Filippin, P.E., President

**Contact Person Phone No.** 805-729-0041

**Contact Person Email** gino@fecivil.com

**Employer's Tax Identification Number** 27-2755625





**APPENDIX C**

**DBE Requirements**



## 10 ATTACHMENT C – DBE REQUIREMENTS

### Exhibit 10-I Notice to Proposers DBE Information

January 2020

LOCAL ASSISTANCE PROCEDURES MANUAL

Page 1 of 2

The Agency has established a DBE goal for this Contract of 13%

#### 1. TERMS AS USED IN THIS DOCUMENT

- The term “Disadvantaged Business Enterprise” or “DBE” means a for-profit small business concern owned and controlled by a socially and economically disadvantaged person(s) as defined in Title 49, Code of Federal Regulations (CFR), Part 26.5.
- The term “Agreement” also means “Contract.”
- Agency also means the local entity entering into this contract with the Contractor or Consultant.
- The term “Small Business” or “SB” is as defined in 49 CFR 26.65.

#### 2. AUTHORITY AND RESPONSIBILITY

- A. DBEs and other small businesses are strongly encouraged to participate in the performance of Contracts financed in whole or in part with federal funds (See 49 CFR 26, “Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assistance Programs”). The Contractor must ensure that DBEs and other small businesses have the opportunity to participate in the performance of the work that is the subject of this solicitation and should take all necessary and reasonable steps for this assurance. The proposer must not discriminate on the basis of race, color, national origin, or sex in the award and performance of subcontracts.
- B. Proposers are encouraged to use services offered by financial institutions owned and controlled by DBEs.

#### 3. SUBMISSION OF DBE INFORMATION

If there is a DBE goal on the contract, Exhibit 10-O1: Contractor Proposal DBE Commitment must be included in the Proposal. In order for a proposer to be considered responsible and responsive, the proposer must make good faith efforts to meet the goal established for the contract. If the goal is not met, the proposer must document adequate good faith efforts. All DBE participation will be counted towards meeting the contract goal; therefore, all DBE participation shall be collected and reported.

Exhibit 10-O2 Contractor Contract DBE Information must be included in best qualified Contractor’s executed Contractor contract. Even if no DBE participation will be reported, the successful proposer must execute and return the form.

#### 4. DBE PARTICIPATION GENERAL INFORMATION

It is the proposer’s responsibility to be fully informed regarding the requirements of 49 CFR, Part 26, and the Department’s DBE program developed pursuant to the regulations. Particular attention is directed to the following:

- A. A DBE must be a small business firm defined pursuant to 13 CFR 121 and be certified through the California Unified Certification Program (CUCP).
- B. A certified DBE may participate as a prime consultant, subconsultant, joint venture partner, as a vendor of material or supplies, or as a trucking company.
- C. A DBE proposer not proposing as a joint venture with a non-DBE, will be required to document one or a combination of the following:
  1. The proposer is a DBE and will meet the goal by performing work with its own forces.
  2. The proposer will meet the goal through work performed by DBE subconsultants, suppliers or trucking companies.
  3. The proposer, prior to proposing, made adequate good faith efforts to meet the goal.

## Exhibit 10-I Notice to Proposers DBE Information

January 2020

LOCAL ASSISTANCE PROCEDURES MANUAL

Page 2 of 2

- D. A DBE joint venture partner must be responsible for specific contract items of work or clearly defined portions thereof. Responsibility means actually performing, managing, and supervising the work with its own forces. The DBE joint venture partner must share in the capital contribution, control, management, risks and profits of the joint venture commensurate with its ownership interest.
- E. A DBE must perform a commercially useful function pursuant to 49 CFR 26.55, that is, a DBE firm must be responsible for the execution of a distinct element of the work and must carry out its responsibility by actually performing, managing and supervising the work.
- F. The proposer shall list only one subconsultant for each portion of work as defined in their proposal and all DBE subconsultants should be listed in the bid/cost proposal list of subconsultants.
- G. A prime consultant who is a certified DBE is eligible to claim all of the work in the Contract toward the DBE participation except that portion of the work to be performed by non-DBE subconsultants.

### 5. RESOURCES

- A. The CUCP database includes the certified DBEs from all certifying agencies participating in the CUCP. If you believe a firm is certified that cannot be located on the database, please contact the Caltrans Office of Certification toll free number 1-866-810-6346 for assistance.
- B. Access the CUCP database from the Department of Transportation, Office of Civil Rights [website](#).
  1. Click on the link titled "Access the DBE Query Form"
  2. Click on "Start DBE Firms Query" link

Searches can be performed by one or more criteria. Follow instructions on the screen.

### 6. MATERIALS OR SUPPLIES PURCHASED FROM DBES COUNT TOWARDS THE DBE GOAL UNDER THE FOLLOWING CONDITIONS:

- A. If the materials or supplies are obtained from a DBE manufacturer, count 100 percent of the cost of the materials or supplies. A DBE manufacturer is a firm that operates or maintains a factory, or establishment that produces on the premises the materials, supplies, articles, or equipment required under the Contract and of the general character described by the specifications.
- B. If the materials or supplies purchased from a DBE regular dealer, count 60 percent of the cost of the materials or supplies. A DBE regular dealer is a firm that owns, operates or maintains a store, warehouse, or other establishment in which the materials, supplies, articles or equipment of the general character described by the specifications and required under the Contract are bought, kept in stock, and regularly sold or leased to the public in the usual course of business. To be a DBE regular dealer, the firm must be an established, regular business that engages, as its principal business and under its own name, in the purchase and sale or lease of the products in question. A person may be a DBE regular dealer in such bulk items as petroleum products, steel, cement, gravel, stone or asphalt without owning, operating or maintaining a place of business provided in this section.
- C. If the person both owns and operates distribution equipment for the products, any supplementing of regular dealers' own distribution equipment shall be, by a long-term lease agreement and not an ad hoc or Agreement-by-Agreement basis. Packagers, brokers, manufacturers' representatives, or other persons who arrange or expedite transactions are not DBE regular dealers within the meaning of this section.
- D. Materials or supplies purchased from a DBE, which is neither a manufacturer nor a regular dealer, will be limited to the entire amount of fees or commissions charged for assistance in the procurement of the materials and supplies, or fees or transportation charges for the delivery of materials or supplies required on the job site, provided the fees are reasonable and not excessive as compared with fees charged for similar services.


## Exhibit 10-O1 Contractor Proposal DBE Commitment

January 2019

LOCAL ASSISTANCE PROCEDURES MANUAL

Page 1 of 2

1. Local Agency: County of Santa Barbara      2. Contract DBE Goal: 13%
3. Project Description: CONSTRUCTION ENGINEERING SERVICES, IDIQ, 2024-2027
4. Project Location: Countywide, Various, IDIQ
5. Contractor's Name: Filippin Engineering, Inc.      6. Prime Certified DBE:

7. Description of Work, Service, or Materials Supplied	8. DBE Certification Number	9. DBE Contact Information	10. DBE %
Constructability review, construction management and inspection.	42855	Filippin Engineering 354 S. Fairview, Ste. D. Goleta, CA 93117	95 +/-
<b>Local Agency to Complete this Section</b>		<b>11. TOTAL CLAIMED DBE PARTICIPATION</b>	<b>%</b>
17. Local Agency Contract Number: <u>  IDIQ05  </u> 18. Federal-Aid Project Number: <u>  TBD  </u> 19. Proposed Contract Execution Date: _____ 20. Contractor'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.	
_____ 21. Local Agency Representative's	_____ 22. Date	 _____ 12. Preparer's Signature	_____ 13. Date
_____ 23. Local Agency Representative's Name	_____ 24. Phone	_____ 14. Preparer's Name	_____ 15. Phone
_____ 25. Local Agency Representative's Title		_____ 16. Preparer's Title	

DISTRIBUTION: Original – Included with Contractor'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.



**APPENDIX D**

**FE Staff Resumes**



# GINO FILIPPIN, P.E., QSD

PRINCIPAL  
ENGINEER

FE

## REGISTRATION

- Registered Civil Engineer No. 57254
- CalOES SAP Evaluator

## EDUCATION

- Bachelor of Construction Management, Polytechnic State University, San Luis Obispo, 1994

## AWARDS

- APWA Ventura County Chapter – Springville Drive Interchange – 2012 Best Project of the Year for Transportation
- ASCE and APWA Ventura County Chapter – Donlon Road Realignment – 2016 Project of the year for Transportation
- APWA Central Coast Chapter- 2018 Professional of the Year

## AREAS OF EXPERTISE

- Construction Law for Contractors, Architects and Engineers – Price, Postel & Parma LLP
- FAA Seminar on AIP, ACIP, Planning, Engineering, Certification and Airport Compliance
- Special District Administration – Special Districts Institute
- American Red Cross, Certified in Adult & Child First Aid/CPR/AED

Mr. Filippin has over 40 years of experience in all aspects of construction management, including roles as project manager, resident engineer, engineer of record, and project engineer for public works projects throughout the Central Coast. Gino has extensive experience, knowledge of Caltrans procedural matters and claims avoidance/resolution and innovative solutions as he closely monitors project documents for clarity, conformity, and consistency. Gino excels at communicating to both clients and contractors, consistently providing intelligent and well thought out solutions to complex project issues, and he has extensive experience coordinating with clients, contractors, consultants, private utilities, regulatory agencies, and the public on large construction projects. Gino will be a constant resource for the CMIT team on this project.

## RELEVANT PROJECT EXPERIENCE

**MATILIJA DAM ECOSYSTEM RESTORATION AND SANTA ANA BLVD. BRIDGE REPLACEMENT (County of Ventura)** Resident Engineer for this \$11.2M the Matilija Dam Ecosystem Restoration and Santa Ana Blvd Bridge Replacement project. Project work included the removal of the existing bridge and construction of the Santa Ana Boulevard Bridge over the Ventura River in Oak View, CA. Part of the project will be to remove the Matilija Dam to restore suitable habitat and improve water and sediment flows. This project included demo of an old bridge and construction of the new bridge with two large diameter CIDH piles, abutments, and roadways. Project also included improvement of sidewalks, channel embankment work, rock riprap, removal and relocation of numerous utilities, chain link fencing and gates, rock walls, ornamental gates, retaining walls, storm drains and landscape and mitigation plantings.

**DONLON ROAD REALIGNMENT PROJECT (County of Ventura)** Provided Resident Engineer services of a 65-foot Arch Culvert installation. This \$2.220M project involved the relocation of existing county road (220 ft. westerly) to align with the intersection of Highway 118 and Somis Road., creating a 4-way intersection. Due to the multiple easements and right-of-ways involved, extensive agency and utility coordination was required to construct a new segment of Donlon Rd. to the north of the intersection, and provide drainage, concrete hardscape, paving, striping and signalization improvements for Hwy 118. Additionally, an 80-foot arch culvert with a 35-foot span was constructed. During project finalization, new roadway sections received micro-surfacing.

**SYCAMORE CREEK WIDENING & PUNTA GORDA STREET BRIDGE REPLACEMENT (City of Santa Barbara)** Resident Engineer on this critical first segment of the Sycamore Creek Widening Program. Project included over 300ft of channel widening, bridge demolition, and construction of a new precast bridge deck structure supported on CIDH pile system foundation. The environmental coordination included relocation of sensitive species, temporary creek diversion, daily coordination with project MMRP's, and complete creek/habitat restoration.

**MARSH STREET BRIDGE REPLACEMENT (City of San Luis Obispo)** Fulfilled Resident Engineer duties on the Marsh Street Bridge for the City of San Luis Obispo. The replacement of the bridge consisted of removing and replacing a concrete bridge and roadway approaches; relocating domestic water facilities; constructing concrete channel walls utilizing rock slope protection and soldier pile wall; micropile foundation on the abutments; planting landscape materials and irrigation systems; installing storm drainage facilities; installing streetlights; and protecting existing utilities.

**US 101/SPRINGVILLE INTERCHANGE PROJECT (City of Camarillo)** Resident Engineer and Construction Manager for \$23 Million Springville Drive Interchange Project on the 101 Freeway in Camarillo. Project included the construction of a new interchange over the 101 Freeway in the City of Camarillo through a Cooperative Agreement with Caltrans. The

**GINO FILIPPIN, P.E., QSD****PRINCIPAL  
ENGINEER****FE**

project included a four-lane cast-in-place box girder bridge over the 101 Freeway, extension of Springville Drive and Ponderosa Drive to the new interchange, interchange signalization, landscaping, relocation of gas, electrical, sewer, and water mains, and construction of new water, reclaimed water, electrical, cable TV, and sewer gravity and force mains. Work also included the extension of existing freeway storm drain culverts as well as the jack and bore of a new triple 66" storm drain culvert under the 101 Freeway.

**LEWIS ROAD WIDENING, COUNTY SEGMENT (County of Ventura)** Resident Engineer for the construction of \$24 Million road widening and bridge project completed in 2008. The work included the widening and realignment of a 3.8-mile stretch of Lewis Road between Pleasant Valley Road and Hueneme Road for the County of Ventura. Also included was the construction of a 300-foot concrete pile and box girder bridge on Santa Barbara Road over Calleguas Creek for future connection to California State University Channel Islands, construction of a 700-foot-long reinforced concrete box culvert, creation of three signalized intersections, and undergrounding of all utilities. The project also expanded the existing two-lane rural roadway to four lanes and included median and eight-foot shoulders for most of the project length, incorporated safety improvements, and connected U.S. 101 to S.R. 1 west of Camarillo.

**UPLAND ROAD IMPROVEMENT PROJECT (City of Camarillo)** Resident Engineer on this project which included performing project engineering and construction management of this \$4.1M project, involving the expansion of 1.2 miles of road serving the City of Camarillo.

**CITYWIDE STREET IMPROVEMENT PROJECT 2015-2016 (City of Santa Paula)** Provided Resident Engineering responsibilities which consisted of inspection for 16,550 LF of water main reconstruction, 2500 LF of sewer main reconstruction, the removal of 37 existing sewer manholes and replacing them with new polymer manholes, the installation of 58 access ramps and the full depth reconstruction of 708,000 SF of city roadway. The project contained work in six separate areas of the city, ranging from the downtown commercial area to residential neighborhoods that were built between the 1960's and the early 1900's.

**TANK FARM ROAD/BROAD STREET INTERSECTION (City of San Luis Obispo)** Provided Resident Engineering responsibilities on this project included the reconstruction and widening of one of the most active and heaviest used intersections in the City of San Luis Obispo. The widening project included phased construction of new pavement sections, replaced signal light poles and upgraded video detection systems, altered lane assignments and turning patterns, and a final micro-surfacing and re-striping finish, performed during night work.

**ATP CYCLE 3 FUNDED PEDESTRIAN IMPROVEMENTS (City of Guadalupe)** Resident Engineer for the construction of sidewalks and ADA curb ramps on Guadalupe Street (Highway 1) and curb ramps at the intersection of Obispo Street and 10<sup>th</sup> Street. The work included bulbouts, sidewalks, curb ramps, crosswalks, striping and markings, signs, rapid flashing beacons, and other pedestrian facilities, traffic control and stormwater pollution control programs.

**PAVEMENT RESURFACING – DEL NORTE AND OXNARD WEST AREAS (County of Ventura)** Provided Resident Engineer responsibilities for this pavement resurfacing of roads in the Del Norte and Oxnard West areas to strengthen existing deficient pavements and extend the service life of the road. Work consisted of pavement resurfacing including Type II Emulsion-Aggregate Slurry, Public Access and Notice, mobilization, traffic control and construction signing Water Pollution Control, roadway preparation, surface preparation and creak treatment, Cold Milling and AC Hot Mix fill, AC Dike Rehabilitation, AC Dike Seal, Shoulder backing, pavement delineation and striping, and survey monument frame replacement and adjustment.

**POTRERO ROAD BIKE LANES (County of Ventura)** Resident engineer for the potrero bike lanes project which consisted of pavement widening on both sides of potrero road to accommodate 2.8 bike lane from south of bridge #321 to Trentwood Dr. And lake Sherwood Dr. To vista oaks way. As part of the project, traffic control and construction signing, water pollution prevention, root barrier, PCC drain with grates and frame, light rock splash pad, percolation trench, cast-in-place catch basin, air placed concrete with wire mesh, PCC driveway approach reconstruction, road shoulder slope and ditch regrading, ac pavement widening, miscellaneous ac paving, ac curb, PMB shoulder backing, micro milling, road surface preparation and crack sealing, type ii emulsion-aggregate slurry, pavement delineation and striping were included.

**MEASURE K-14 STREET REHABILITATION PROJECT (City of Grover Beach)** Resident Engineer providing construction management and inspection on this \$6.3M project which provided pavement rehabilitation and repair, concrete curb, gutter, cross gutter and sidewalk work; accessibility improvements; water utility piping improvement, sewer piping improvements, service upgrades, and fire hydrant installations and relocations; and utility valve box and sewer manhole improvements.

**2017 STREET RESURFACING PROJECT (City of Arroyo Grande)** Resident Engineer providing construction management and inspection on the 2017 Street Resurfacing Project. This project consisted of crack seal, slurry seal, micro-surfacing, and striping. The total cost of the project was \$182,600.

# PAUL HENDERSON, CPENG, CCM

**CONSTRUCTION  
MANAGER****FE**

## REGISTRATION

- Registered Professional Engineer Queensland (RPEQ), Queensland, Australia
- Chartered Professional Engineer (CPEng) Australia
- Certified Construction Manager (CCM), United States

## EDUCATION

- Bachelor of Engineering (Hons) Civil and Environmental USQ, Queensland, Australia, 2012

**Bachelor of Engineering Technology**  
USQ,  
Queensland, Australia,  
2010

- Diploma in Civil Engineering  
Otago Polytechnic,  
Dunedin, New Zealand,  
2003

## AREAS OF EXPERTISE

- Civil Engineering
- Emergency Projects
- Project Management
- Construction Management
- Construction Engineering

Mr. Henderson has over 20 years of public and private work experience in the United States, Australia, and New Zealand. Paul's experience in all aspects of civil engineering projects, including roles as Project Manager, Design Manager, Construction Manager, and Resident Engineer. Paul's extensive public works experience includes the design and construction of bridges, roadways, roundabouts, utilities, water storage structures, shoreline protection, living shorelines, marine and coastal structures and emergency works for critical public infrastructure.

Well-versed in construction administration and civil engineering design, Paul has served as design manager, construction manager, inspector, and cost estimator during all phases for projects in communities throughout California. Paul is very familiar with the requirements of local, state, and federal agencies as they relate to engineering design and construction projects.

## RELEVANT PROJECT EXPERIENCE

**CITY OF ARROYO GRANDE CAPITAL IMPROVEMENT PROJECTS MANAGER (City of Arroyo Grande)** From late 2022 through early 2024 Paul served as the City's CIP Manager, managing Capital Improvements budgets and program for projects including: storm damage repair, bridges, streets, paving, ADA upgrades, buildings, utilities and a variety of other City projects. Paul managed engineering & environmental consultants and contractors to deliver projects on schedule and within the City's approved budgets. Paul also serves as Construction Manager during the construction phase of the CIP projects.

**BRIDGE REPLACEMENT PROGRAM, QLD, AUSTRALIA (Somerset Regional Council)** Project Manager and Construction Manager for the Somerset Regional Council bridge replacement program (3 years). Paul's role included the management of the delivery of new concrete bridges from concept design through to the completion of construction. Under Paul's management, 25 bridges were designed and 11 bridges were constructed. Paul's hands-on approach during construction delivery included the construction management, special inspections, quality verification, and resolution of contractual queries and disputes. Paul was on site, providing guidance and inspections, for all project milestones. Many of the bridges required piling in challenging geotechnical and conditions, and all bridges were constructed in and over waterways. Funding requirements meant project timeframes needed to be strictly adhered to, for risk of funding being withdrawn. Thorough understanding of project / program management, solid procurement process, and bridge construction techniques enabled the multi-bridge program to be completed on time and on budget.

**OAK PARK BOULEVARD ECR STORM DRAIN IMPROVEMENT (City of Arroyo Grande)** Associate Construction Manager for the Oak Park Boulevard ECR Storm Drain Improvement project which included the removing and replacing of an existing drainage inlet, installing a new manhole, concrete junction boxes, and a new HDPE pipe within the City and Caltrans right-of-way. Work also included connecting to an existing box culvert within the Highway 101 right-of-way; restoring landscaping; providing traffic control, stormwater control and

compliance with the Caltrans permit.

**MILAGRA CREEK OUTFALL REPAIR PROJECT (City of Pacifica)** Pacifica experiences significant coastal bluff erosion: in one case, the bluff has retreated significantly from the 80-inch pipe outlet to the Pacific Ocean, leaving the end sections of the pipe in a failed state. The project involved installing micropiles from within the pipe to support the concrete pipe sections as the bluff continues to recede. The work was performed within a restricted space and in less-than-ideal conditions. Possesses piling and deep foundation construction experience, which provided the City with confidence that the project will be constructed as designed. Paul worked with the contractor and the City to overcome a number of challenges, including significant delays related to the COVID-19 global pandemic.

**BEACH BOULEVARD SEAWALL EMERGENCY REPAIRS (City of Pacifica)** Through the winter of 2020/2021 The City of Pacifica experienced several large wave events that caused damage to the City's municipal fishing pier abutment, putting the structure

# PAUL HENDERSON, CPENG, CCM

CONSTRUCTION  
MANAGER

FE

critically at risk and undermining the adjoining Beach Boulevard Roadway. Paul supported the City with inspection of the damage, immediate mitigating repairs and a permanent repair solution. Paul was onsite working with the Contractor and City to make the area safe and mitigate further damage. Wave action caused a blow-hole to develop which was blowing aggregate and rock backfill 50 ft in the air. The repair included construction of a formed concrete 'plug' to stop the blow-hole, then slurry backfill was utilized to fill voids and backfill the large hole in the roadway, which was approximately 40 ft deep. Construction conditions were challenging with large overtopping waves at the seawall limiting shifts and causing safety issues.

**CARDIFF BEACH LIVING SHORELINE (City of Encinitas)** Paul supported the construction management team on this innovative coastal resiliency project involving beach trenching, placement of rock revetment in the trenching, and grading new dunes over the rock revetment. This project protects California's Highway 101 infrastructure which is threatened with anticipated sea level rise. Provided assistance with constructability review, review of design amendments during construction, and general contract administration support (i.e., review of change orders, schedule, RFIs, and submittals.)

**400 ESPLANADE AVENUE SHORELINE PROTECTION (City of Pacifica)** Served as Construction Engineer for the repair of the existing failed rock revetment along the coastal bluff at 400 Esplanade Avenue in Pacifica. The project included regrading the existing, washed-out access ramp, removing debris from infrastructure that has eroded along the bluff, cutting the native Franciscan Complex Greenstone rock formation to create a key pursuant to the engineering design, and placement of filter fabric followed by large and small rip rap. Because the project was funded with California Governor's Office of Emergency Services (Cal OES) funds, Paul provided construction management and project documentation services. The project was constructed within the tidal and surf zones. Paul worked with the contractor to develop a protective berm to ensure the project was completed without delay before adverse winter ocean conditions arrived.

**NDRRA FLOOD RECOVERY, QLD, AUSTRALIA (Somerset Regional Council)** Provided management of the Somerset Regional Council Flood Recovery Works Program, including management of multi-discipline design teams, bidding, bid assessment, contract administration, and delivery of more than \$40 million of infrastructure, including nine new bridges. Of the total flood recovery program cost, approximately 75% would be considered pavement related. Pavement engineering in this flood recovery program includes identification of mode of failure, selection, and design of various types of road pavement for reconstruction and rehabilitation.

**SR 49/108 ROUNDABOUT PROJECT (Tribe of Mi Wuk Indians, Chicken Ranch Casino)** Project Manager and Resident Engineer for \$5M Tribe funded roundabout project on state highway that included design and construction of a new roundabout as a safety improvement. Paul's dual role as overall project manager for the design team and construction manager during the design phase provided the Tribe and Caltrans an efficient approach to delivery of this important safety improvement project. The roundabout construction project includes complex phasing to allow minimum disruption to highway users and the construction of a large resort project (\$300M), that uses the same intersection that the roundabout is being constructed in as the primary delivery access location. The project is located in Jamestown on a 2-lane conventional highway and includes bulk earthworks, storm drainage, utilities, HMA paving, curb & gutter, concrete median and splitter islands, lighting, flashing beacons and other typical new highway project aspects.

**PILLAR POINT LIVING SHORELINE (San Mateo County Harbor District)** Through the design phase Paul provided constructability review, value engineering, and design support for the Pillar Point West Trail shoreline restoration. The project involved reconstruction of the failed shoreline trail with an engineered rock revetment and construction of the new living dune shoreline, and construction into the intertidal zone and the adjacent wetland system, which is environmentally sensitive. Following the design phase Paul supported the SMCH with contractor procurement through pre-qualification and bidding. As the construction manager Paul managed the team of inspectors, surveyors and materials testers to support the SMCHD in delivering this landmark project on time and on budget. The project is a success story for future living shoreline projects.

**PACIFIC MOTORWAY UPGRADE B (Queensland Department of Transport and Main Roads, Australia)** On this large and complex design-build highway interchange project Paul lead construction staging and temporary works design and modelling for the Pacific Motorway Upgrade (PMU), including Daisy Hill and Paradise Road Interchange upgrades. PMU-B was used as an example of the new "benchmark" for temporary traffic design in Queensland, Australia. Temporary works design involved major interchange design for multiple construction stages and options of the project.

**BRUCE HIGHWAY UPGRADE (C2C (Queensland Department of Transport and Main Roads, Australia)** Design and development of longitudinal drainage and minor cross drainage for the Bruce Highway upgrade project. The design included hydrological and hydraulic analysis for a section of new national highway as part of the \$800M project.



# KELLY WHEELER, P.E., QSD

PRINCIPAL  
ENGINEER

FE

## REGISTRATION

- Registered Civil Engineer No. 64522
- CalOES SAP Evaluator

## EDUCATION

- Bachelor of Science Agricultural Engineering**, Water Resources emphasis  
Texas A&M University, College Station, 2000
- Executive MBA, Leadership Track**,  
UCLA, June 2023

## AWARDS

- APWA Central Coast Chapter – 2007 Professional of the Year
- APWA Central Coast Chapter – Anapamu Street Bridge Replacement - 2019 Project of the Year for Transportation
- APWA Central Coast Chapter – Jonny D. Wallis - 2019 Project of the Year for Structures
- APWA Central Coast Chapter – De La Guerra - 2020 Honorable Mention for Transportation
- APWA Central Coast Chapter – Cold Springs Debris Basin - 2020 Disaster or Emergency Construction/Repair
- APWA Central Coast Chapter – East Side Storm Drain Outlet Reconstruction - 2020 Project of the Year for Structures
- APWA Central Coast Chapter – Randall Road Debris Basin - 2020 Disaster or Emergency Construction/Repair
- APWA Central Coast Chapter – 2020 Professional of the Year

Mrs. Wheeler has 24 years of experience in the construction management and civil engineering design industry. Kelly has served as a resident engineer on a variety of projects ranging from roadways and bridge construction to complex utility conveyance systems. She excels at coordinating multiple agencies involved in large projects, such as Santa Barbara Cottage Hospital, City of San Luis Obispo Tank Farm Gravity Sewer, Force Main, and Lift Station Project, and the Lower Mission Creek projects, of which she has performed construction management on six separate reaches and two bridges over the course of an 8-year period. These projects also include numerous regulatory permits, multiple agency stakeholders, and relocation of both dry and wet utilities.

## RELEVANT PROJECT EXPERIENCE

**2020 PAVEMENT REHABILITATION PROJECT-PARKING LOT NO. 2 AND CACTUS LANE IMPROVEMENTS (City of Carpinteria)** Resident Engineer for this project which consisted of work performed at two locations. The first location is the 2020 Pavement Rehabilitation portion consisted of removing and replacing asphalt concrete pavement; placing concrete curbs, gutters, sidewalks, curb ramps, and driveway approaches and, traffic striping. The second location is Parking Lot No. 2 and Cactus Lane Improvements portion which consisted of removing and replacing pavement; traffic signing and striping; placing curbs, gutters, sidewalks and permeable pavers; installing lighting, joint utility trench, stormwater quality and irrigation facilities, and landscaping.

**DE LA GUERRA BRIDGE REPLACEMENT (City of Santa Barbara)** Structures Representative and Construction Manager responsibilities of this \$5.8M project which consisted of removing and replacing the concrete bridge and roadway approaches, relocating utilities, constructing new concrete channel walls and sidewalks. The bridge structure consists of CIDH pile abutment foundations, along with precast prestressed concrete girders, soldier pile walls upstream and downstream in the channel, and pour in place wingwalls. Also involved was the planting landscape materials and irrigation systems, installing storm drainage facilities and streetlights.

**ANAPAMU BRIDGE REPLACEMENT PROJECT (City of Santa Barbara)** Resident Engineer for Anapamu Street Bridge over Old Mission Creek between San Andres Street and San Pascual Street. The replacement of the bridge consisted of removing bridge and roadway approaches; relocating water facilities; constructing concrete channel walls and bridge; landscape and irrigation; installing storm drains and streetlights.

**MASON STREET BRIDGE REPLACEMENT PROJECT (City of Santa Barbara)** Resident Engineer for the \$7 million Mason Street Bridge Replacement and Lower Mission Creek Reach 1A-2 Project which includes removing and replacing a concrete bridge and roadway approaches, removing building facilities including hazardous materials abatement, relocating water, sanitary sewer, and storm drain facilities in a realigned and reconstructed roadway, constructing secant pile channel walls and bridge foundations, architectural shotcrete facing, fish ledges, rip-rap placement, realigning the roadway, precast girders, street improvements, landscaping, street lights, and irrigation systems. The project was a joint project administered by the City of Santa Barbara with the County of Santa Barbara Flood Control and Water Conservation District.

**UNIT II CHANNEL IMPROVEMENT PROJECT (Santa Barbara County Flood Control District and Water Conservation District)** Resident Engineer on the \$1.8M project which consisted of regrading and realigning of 6,473 lineal feet of earthen channel, removal of existing channel slope protection, removal and replacement of 12 grade control

**KELLY WHEELER, P.E., QSD****PRINCIPAL  
ENGINEER****FE**

structures and appurtenances, replacement of overflow weir, removal and replacement of a portion of the concrete slope protection adjacent to the levee, replacement of a 54" CMP culvert, connection to an existing 72" culvert, construction of a new 72" culvert, removal and replacement of the inlet structure, removal of a portion of the outlet structure and replacement with a new outlet structure including headwalls, apron, flap gates and rock rip-rap, protecting in place an existing 8" diameter City of Guadalupe water line and associated valves, salvage and reconstruct air/vac valve, and restoration of levee slope protection.

**LOWER MISSION CREEK REACHES 2B-2, AND REACH 3 (Santa Barbara County Flood Control District)** The project included removal of existing drainage and parking lot improvements, channel excavation, disposal of contaminated soil and groundwater, construction of a reinforced concrete weir structure and by-pass channel, construction of approximately 200 L.F. of CIDH Secant Pile wall system with architectural treatment, installation of Rock Slope Protection, fabrication and installation of by-pass channel metal debris rack, installation of fencing and railing, construction of new drainage facilities and parking lot improvement and Native Plant Restoration.

**LOWER MISSION CREEK, REACH 2A (Santa Barbara County Flood Control District and Water Conservation District)** Resident Engineer for this project in downtown Santa Barbara across the UPRR train tracks from the Amtrak Station, that consists of construction of 250 linear feet of 6' x 15' double box culvert construction, transition structure, storm drain relocations; construction of manholes and junction structures; existing utilities protection and relocation; miscellaneous concrete curb and gutter, AC and PCC pavement removal and replacement. Project required coordination between multiple agencies including City of Santa Barbara, County of Santa Barbara Flood Control District, UPRR, dry utility companies, in addition to significant public coordination.

**LOWER MISSION CREEK, REACH 2B, PHASE 1 (Santa Barbara County Flood Control District and Water Conservation District)** Resident Engineer for this project in downtown Santa Barbara in the Amtrak Station parking lot, across Montecito Street, and into State right-of-way (US 101) that consisted of construction of 800 linear feet of 6' x 18' RCB, 12"-30" diameter storm drain relocations; construction of manholes and junction structures; 12" diameter storm drain relocation at upstream side of Montecito Street; water facilities protection and relocation; miscellaneous concrete curb and gutter, AC and PCC pavement removal and replacement; irrigation system removal and replacement. Project required coordination between multiple agencies including City of Santa Barbara, County of Santa Barbara Flood Control District, Caltrans, UPRR, Amtrak, and Greyhound, in addition to significant public coordination.

**MONTEREY STREET REHABILITATION (City of San Luis Obispo)** Resident Engineer for a complete right-of-way facelift along a major commercial corridor in the City of San Luis Obispo. Improvements included a full street grind/level/overlay as well as new curb & gutter, sidewalks, driveways, and access ramps upgraded to current ADA standards. This project included successful implementation of a significant public-relations effort for the surrounding businesses. Caltrans Construction Manual Procedures were implemented for the management of this project, as it was completely funded with ARRA funds.

**ROADWAY SEALING PROJECT 2020 (City of San Luis Obispo)** Principal in Charge for slurry seal laydown and striping of over 19 miles of roads in the City of SLO. The project consisted of resurfacing of 82 streets, striping, and installing speed humps and other traffic safety delineators with the intent of enhancing safety and multi-modal transportation.

**RAILROAD SAFETY TRAIL (City of San Luis Obispo)** Resident Engineer on a \$3.8M 525 LF, 7-span steel truss structure, plus construction of an additional 600 feet of Class 1 bicycle/pedestrian path above UPRR and SR-101. Work included coordinating with Caltrans and UPRR, embankment construction, HMA paving, retaining walls, CIDH foundations. Utility relocations, sewer, water, storm drainage facilities, ADA ramps, polyester concrete overlay, slurry seal, lighting, irrigation, landscaping and striping.

**PAVEMENT RESURFACING – OXNARD BEACH AREA (County of Ventura)** Resident Engineer for this project which included pavement rehabilitation, surface preparation, root pruning and tree removal, crack sealing, concrete curb and gutter removal and replacement, cold milling and grinding, AC fill of grind area, AC curb rehabilitation and seal, PCC sidewalk removal and replacement, asphalt rubber hot mix and micro-surfacing, pavement delineation and striping, survey monument frame adjustment, and appurtenant work.

**GRAND AVENUE & HWY 101 INTERSECTION (City of San Luis Obispo)** Resident Engineer for installation of new traffic signals at the intersection of NB 101 off-ramp/Grand Avenue and Abbott St. In conjunction with the traffic signal installations, the existing intersection pavement markings and signage were replaced, and accessibility improvements were made to the curb ramps at all four corners of the intersection. The project was administered by the City of San Luis Obispo with improvements that were turned over to Caltrans at the conclusion of the project and involved extensive traffic control in a busy intersection and strict adherence to Federal funding requirements.

# KEVIN CONNORS, P.E., QSD

PRINCIPAL  
ENGINEER

FE

## REGISTRATION

- Registered Civil Engineer No. 43862

## EDUCATION

- Bachelor of Science  
Civil Engineering  
Northern Arizona University,  
Flagstaff, Arizona, 1984

## REGISTRATION

- Registered Civil Engineer No. 43862

## AWARDS

- APWA Ventura County Chapter – Springville Drive Interchange – 2012 Best Project of the Year for Transportation
- APWA Central Coast Chapter – Los Carneros and Calle Real Roundabout – 2012 Best Project of the Year for Transportation
- FHWA – Bridge Preventative Maintenance Methacrylate Deck Seal – 2013 Best Project of the Year for Transportation
- APWA Central Coast Chapter – Las Vegas/San Pedro Creeks Capacity Improvements – 2016 Best Project of the Year for Structures
- CCAEA – Las Vegas/San Pedro Creeks Capacity Improvements – 2017 Best Project of the Year for Environmental Sensitivity
- APWA Central Coast Chapter – Old Town Sidewalk Improvements – 2020 Best Project of the Year for Transportation
- APWA Central Coast Chapter – Las Positas and Modoc Road Multiuse Path – 2021 Best Project of the Year for Structures

## AREAS OF EXPERTISE

- Tau Beta Pi Engineering Honor Society
- American Society of Civil Engineers ASCE
- President of ASCE Santa Barbara/Ventura Branch 1992-93
- Southwest Chapter of the American Association of Airport Executives
- ICBO Seismic Safety 1991
- Caltrans Resident Engineers Academy 1992
- Construction Litigation, Arbitration & Mediation, 1996
- FAA Pavement Design 2006
- FAA Scan Training 2001
- California Water Board QSD Training 2014
- Governor's Office of Emergency Training Services
- American Red Cross, Certified in Adult & Child First Aid/CPR/AED

Mr. Connors joined Filippin Engineering in August 2012 and has over 37 years of public and private work experience in all aspects of project construction, including roles as Project Manager, Construction Manager, Resident Engineer, Engineer of Record, and Project Environmental Coordinator on public works projects. Kevin's extensive public works experience includes the design and construction of bridges, roadways, airports, utilities, parks, airports, and environmental mitigation. Kevin's project management experience includes a wide variety of engineering projects including water, sewer, and reclaimed water infrastructure, storm drainage systems, roadways, airport runways and taxiways, buildings, drainage systems, parks, bridges, and freeway interchange work. Responsibilities included project management, budgeting, advertising and bidding, scheduling, constructability reviews, coordination with local, State, and Federal permitting agencies, (including Caltrans, City Planning Departments, California Department of Fish and Game, Army Corps of Engineers, and the State Historic Preservation Office), as well as managing consultant contracts. His project management experience includes several environmentally sensitive projects where he has acted as Project Environmental Coordinator (PEC).

## RELEVANT PROJECT EXPERIENCE

### STATE STREET UNDERCROSSING (City of Santa Barbara)

Resident Engineer for this project which is located in downtown Santa Barbara on the iconic State Street roadway that connects downtown Santa Barbara with the Waterfront. The project is which is partially located in the Caltrans Right-of-way, is both a major facelift and includes many safety features to appropriately rebalance space for vehicles, pedestrians, and cyclists through the undercrossing between Yanonali and Gutierrez Streets. Work generally includes widening sidewalks (Both on Slab and Raised on Slab) on both sides of the street, increasing bike lanes widths and adding 2-3 foot protected buffers, new pedestrian lighting and railing for safety and decorative tile columns for aesthetics. This project also includes the installation of a large SiteSaver System to improve storm water quality and debris from the storm drain system.

### WESTSIDE COMMUNITY PASEOS (City of Santa Barbara)

Construction Manager for this project which is located in the City of Santa Barbara along Mission, Gillespie, San Pascual, Micheltorena, Castillo, Sola, Salsipuedes, Panchita, Victoria, Alta Vista, Anapamu, & Nopal Streets. The project established safe and efficient connections from the Westside to the Downtown area, the Eastside, and to schools and parks. Work generally included the construction of curb extensions, traffic diverters, stop islands, ADA compliant sidewalk and curb ramps, improved signage, speed humps, raised crosswalk, Class I, Class II green lane, and Class III bike routes, and tree removal and planting.

# KEVIN CONNORS, P.E., QSD

## PRINCIPAL ENGINEER

# FE

**LOS POSITAS MULTITUSE PATH PROJECT (City of Santa Barbara)** Project Manager and Resident Engineer for \$13M ATP Funded multi-use pathway project that included Construction a 2.6-mile class 1, separated multi-use pathway along Modoc Road and Las Positas Road. The project work area is within an environmentally sensitive area adjacent to Arroyo Burro Creek and includes 3,500 feet of trail retaining walls, 2,150 feet of Caltrans Barrier Railing, parkway bioretention systems, and permeable trail paving.

**OLD TOWN SIDEWALK IMPROVEMENTS (City of Goleta)** Construction Manager for \$2.5 Million sidewalk improvements project to improve pedestrian access and safety by installing sidewalk throughout the residential areas of Old Town Goleta. Old Town has aging infrastructure that includes narrow streets, limited and disconnected sidewalks, and access ramps that do not comply with the current American with Disabilities Act (ADA) standards. The project work included constructing curb, gutter and sidewalk, upgrading access ramps to comply with current ADA standards, adding additional street lighting (by Southern California Edison), coordinating private utility relocations, adding drainage improvements, bioretention areas, and constructing angled parking with permeable concrete in some areas.

**2020 PAVEMENT REHABILITATION & PARKING LOT 2 PROJECT (City of Carpinteria)** Construction Manager for \$1.6 Million pavement rehabilitation project and reconstruction of Parking Lot 2 and Adjacent Cactus Lane. The project work included rehabilitation of the PCC pavement on Carpinteria Avenue by concrete grinding, crack seating PCC, fiberglass reinforced paving grid, and AC overlay. Other street rehabilitation work included full depth reclamation of existing AC, cement treating subgrade and new overlay on 8th Street and Nipomo Drive, and reconstruction of Cactus Lane and Parking Lot 2.

**CITY OF CAMARILLO PROGRAM MANAGEMENT (City of Camarillo)** Program Manager responsible for overseeing multiple City project in the City's downtown Camarillo Corridor area. Work included developing project scope, preparing RFQ's for project design, preparing Council Reports and Council presentation materials, overseeing consultant contracts design, project design, preparation of project specifications and bidding contract documents, and construction management. Projects included Springville Class 1 Bike Path, Camarillo Corridor Street Improvements, Daily Drive Sidewalk and Gutter Replacement, Springville Interchange Landscape Retrofit, Stormwater Trash Compliance, Council Chambers Remodel, Railroad Quiet Zone, and Park and Ride Parking Lot Expansion.

**SANTA ROSA ROAD WIDENING (City of Camarillo)** Project Manager for \$3.5 Million Federally Funded roadway widening project that included three technical retaining wall structures, multi-phased traffic control to maintain the high volume of vehicles on this major arterial. The project work included of widening Santa Rosa Road to provide two lanes in each direction, separated by a landscaped median, constructing various retaining walls including 250' long by 9' high steel soldier pile wall with architectural concrete facing, 372' long by 25' high soil nail wall with architectural concrete facing, and 400' long by 8' high slump block masonry wall, pavement, curb, gutter, and sidewalk, storm drain catch basins, bike lanes, striping, signing, landscaping and irrigation, and related work.

**PANCHO ROAD REPAVING (City of Camarillo)** Resident Engineer for \$1.25 Million Federally Funded project that included overall construction management, construction inspection, and materials testing. The work consisted of pulverizing and blending the existing pavement with undying aggregate material and overlaying with new asphalt, miscellaneous concrete appurtenances, and drainage improvements.

**LOS CARNEROS AND CALLE REAL ROUNDABOUT (City of Goleta)** Received award by APWA Central Coast Chapter 2012 for best project under \$5M. Construction Inspector for \$1.3 Million Roundabout project for the City of Goleta. The project consists of the reconstruction of an existing three-way intersection with a new roundabout including new lighting, drainage facilities, bike lanes, and landscaping improvements.

**SPRINGVILLE DRIVE INTERCHANGE (City of Camarillo)** Project Manager for \$23 Million Springville Drive Interchange Project on the 101 Freeway. The City of Camarillo funded and managed project which included the construction of a new interchange over the 101 Freeway in the City of Camarillo through a Cooperative Agreement with Caltrans. The project included a four-lane bridge with turn lanes over the 101 Freeway, extension of Springville Drive and Ponderosa Drive to the new interchange, interchange signalization, landscaping, relocation of gas, electrical, sewer, and water mains, and construction of new water, reclaimed water, electrical, cable TV, and sewer gravity and force mains. Work also included the extension of existing freeway storm drain culverts as well as the jack and bore of a new triple 66" storm drain culvert under the 101 Freeway.

**CALLE REAL ROAD WIDENING (Private Developer with Santa Barbara County Oversight)** Provided Construction Management for widening of a half mile of Calle Real between Patterson Avenue and Kellogg Road in Goleta. Work included widening the existing two-lane road to a four-lane road with a landscaped median island, 2,600 feet of storm drain piping, 7,000 feet of curb and gutter, 19,000 square feet of new sidewalk, three bus pockets with two bus shelter structures, eighteen new street lights, landscaping and irrigation.



# BRAD STARR, P.E., QSD, CFM

PRINCIPAL ENGINEER/  
RESIDENT ENGINEER

FE

## REGISTRATION

- Registered Civil Engineer  
No. C59254

## EDUCATION

- Bachelor of Science, Civil Engineering, California State University, Northridge, CA, 1994
- Masters in Public Administration, California State University, Northridge, CA, 2008

## AWARDS

## AREAS OF EXPERTISE

- Certified Floodplain Manager (CFM)
- Certified Stormwater Developer (QSD)
- Certified Stormwater Practitioner (QSP)
- Safety Assessment Evaluator for CA Office of Emergency Management
- American Red Cross, Certified in Adult & Child First Aid/CPR/AED
- Advanced Microsoft Office Suite
- StreetSaver
- Micropaver
- SMARTS Database

Mr. Starr has worked for 24 years in the Ventura/Oxnard area. Prior to joining FE he worked for the City of Ventura as the Deputy City Engineer. Recent roles and responsibilities at the City of Ventura included being the City's Streets Coordinator, Capital Projects Manager, Land Development Manager, Legal Responsible Person, Floodplain Manager, and Survey Manager. He has over 30 years of construction and design experience related to roadway and pavement maintenance, water and sewer infrastructure, dry utility, road construction, dredging, storm drain structures, development, facility construction, and emergency operations. In addition, Mr. Starr has experience in floodplain management, stormwater quality, vertical construction, and design. Other related experience design engineering including preparation of plans, specifications, and cost estimates. Brad was a recipient of the 2019 APWA Engineer of the Year Award.

Construction Management experience includes managing projects from capital planning through the design and construction phases until final acceptance. These duties include managing engineer and inspection staff as well as performing the functions of daily report preparation, submittal management and review, RFI management, change-order negotiation, providing field direction to contractors, partnering, budget approvals, legal reviews, code determinations, claims, labor compliance, property management, and resolution of disputes. Mr. Starr has extensive experience in public works infrastructure, pavement design and construction, underground utilities, vertical construction, and concrete construction. Additionally, Brad is experienced with the StreetSaver and Micropaver software packages for pavement management and the State of CA SMARTS database for stormwater permitting and management.

## RELEVANT PROJECT EXPERIENCE

**OLIVE STREET RESURFACING PROJECT (City of Ventura)** Provided construction management for the City to mill, repair, and overlay nearly 3.6 lane miles of roadway from Stanley to 33 on ramp just north of Main Street. Improvements included curb and gutter replacement, dig outs, sidewalk replacements, tree root removal, tree root barriers, ADA ramps, asphalt paving, new signs, utility manhole raising, water can placement, survey benchmark replacement, pedestrian crossing, and striping for this project. Other duties included public noticing, neighborhood flyers, traffic control, dust control, and stormwater BMP's.

**FAIRVIEW NEIGHBORHOOD RESURFACING PROJECT (City of Ventura)** Provided construction management for the City to mill, repair, and overlay an influential hillside neighborhood. Improvements included curb and gutter replacement, dig outs, sidewalk replacements, tree root removal, tree root barriers, ADA ramps, asphalt paving, new signs, utility

manhole raising, water can placement, survey benchmark replacement, pedestrian crossing, and striping for this project. Other duties included public noticing, neighborhood flyers, neighborhood meetings, daily phone hotline information, traffic control, dust control, and stormwater BMP's.

**POLI STREET / BUENA VISTA REPAVING PROJECT (City of Ventura)** Provided construction management for the City to mill, repair, and overlay a main hillside collector street near downtown. Improvements included curb and gutter replacement, stormwater improvements, dig outs, sidewalk replacements, ADA ramps, asphalt paving, new signs, utility manhole raising, water can placement, survey benchmark replacement, pedestrian crossing, and striping for this project. Other duties included public noticing, neighborhood flyers, traffic control, dust control, and stormwater BMP's.

**BAYVIEW STREET RESURFACING PROJECT (City of Ventura)** Provided construction management for the City to install stormwater structures around historic trees that had grown into the street and were causing issues. This project milled, repaired, and overlaid the roadway at new grades to accommodate the historic trees within the neighborhood. Improvements included curb and

**BRAD STARR, P.E., QSD, CFM****PRINCIPAL ENGINEER/  
RESIDENT ENGINEER****FE**

gutter replacement, dig outs, sidewalk replacements, bulb-outs, drainage structures, tree root removal, tree root barriers, ADA ramps, asphalt paving, new signs, utility manhole raising, water can placement, survey benchmark replacement, pedestrian crossing, and striping for this project. Other duties included public noticing, neighborhood flyers, neighborhood meetings, traffic control, dust control, and stormwater BMP's.

**FOOTHILL ROAD REPAVING PROJECT (City of Ventura)** Provided construction management for the City to mill, repair, and overlay nearly 3.5 lane miles of roadway. Improvements included curb and gutter replacement, dig outs, sidewalk replacements, tree root removal, tree root barriers, ADA ramps, asphalt paving, new signs, utility manhole raising, water can placement, survey benchmark replacement, pedestrian crossing, and striping for this project. Other duties included public noticing, neighborhood flyers, traffic control, dust control, and stormwater BMP's.

**MARKET STREET REPAVING PROJECT (City of Ventura)** Provided construction management for the City to mill, repair, and overlay nearly 3.5 lane miles of roadway. Improvements included curb and gutter replacement, dig outs, sidewalk replacements, tree root removal, tree root barriers, ADA ramps, asphalt paving, new signs, utility manhole raising, water can placement, survey benchmark replacement, pedestrian crossing, and striping for this project. Other duties included public noticing, neighborhood flyers, traffic control, dust control, and stormwater BMP's.

**MATILJA DAM ECOSYSTEM RESTORATION AND SANTA ANA BLVD. BRIDGE REPLACEMENT (County of Ventura)** Resident Engineer for this \$11.2M the Matilja Dam Ecosystem Restoration and Santa Ana Blvd Bridge Replacement project. Project responsibilities included inspection of the removal of the existing bridge and construction of the Santa Ana Boulevard Bridge over the Ventura River in Oak View, CA. Part of the project will be to remove the Matilja Dam to restore suitable habitat and improve water and sediment flows. This project included demo of an old bridge and construction of the new bridge with two large diameter CIDH piles, abutments, and roadways. Project also included improvement of sidewalks, channel embankment work, rock riprap, removal and relocation of numerous utilities, chain link fencing and gates, rock walls, ornamental gates, retaining walls, storm drains and landscape and mitigation plantings.

**BRADLEY ROAD BRIDGE REPLACEMENT (County of Ventura)** Provided Construction Manager responsibilities for this bridge replacement project which consisted of replacement of a 14' x 9' reinforced concrete box structure (BR. 206) & related drainage facilities with a 19'-2" x 11'-10" structural plate culvert, retaining walls & drainage facilities, & repaving Bradley Road approximately 300' north of SR118 in Somis.

**LAS POSAS VALLEY AND BALCOM CANYON ROAD PAVEMENT RESURFACING (County of Ventura)** Construction Manager for this pavement resurfacing project which consisted of pavement resurfacing using Asphalt Concrete Hot Mix (AC) with fiber reinforcement over Asphalt Rubber Aggregate Membrane (ARAM), Type II Emulsion-Aggregate Slurry and Jointed Plain Concrete Pavement Replacement. Work also included Public Access & Notice, Mobilization, Traffic Control & Construction Signing, Water Pollution Control, Existing Utility & Roadway Facilities, Roadway Preparation, Surface Preparation & Crack Treatment, Clearing & Grubbing, Sawcut, Cold Milling (5' Wide), AC Taper with Key, AC Grinding, AC Base Repair, AC Miscellaneous Paving, AC Shoulder, PMB Shoulder Backing, Seal Coat, AC Dike Rehabilitation, Concrete Headwalls, Culvert Replacement, Midwest Guardrail System Replacement, Traffic Loop Detector Replacement, Survey Monument Frame Replacement & Adjustment, Pavement Delineation & Striping & appurtenant work.

**VENTURA AVENUE & PARK ROW CROSSWALK IMPROVEMENTS (City of Ventura)** Provided construction management for the installation of a new crosswalk that was failing due to a utility issue causing settlement on Ventura Avenue.

**TELEGRAPH ROAD BIKE LANE/SIDEWALK PROJECT (City of Ventura)** Provided construction management for the installation of new 3,265 LF Class I multi-use bike path from Hill Road to Hoover. A sidewalk was also constructed on the north side of this arterial road which connected a safe path of travel from Kimball Road to Victoria for three elementary schools, one middle school, and one high school.

**2023 EMERGENCY WORK FOR JANUARY 9, 2023 FLOOD DAMAGE (City of Goleta)** Program Manager for the City of Goleta for the storm related damages from the January 9, 2023 storm event and Emergency Declaration EM-3591-CA. Along with the coordination of the City of Goleta, managed various storm related projects which included document control, contract development, site surveys, photo logs, as-built reviews, calculation of quantities, estimating costs, correspondence and coordination with the City staff, weekly meeting participation, time tracking, and project reports. Work also included the site evaluation of all City identified damaged facilities or infrastructure, assessment of existing infrastructure or facility prior to the rain event and after the rain event and assist the City with coordination with Cal OES and FEMA.

# LYLE NEMETH, P.E., QSD CPII

SENIOR  
CONSTRUCTION  
MANAGER

FE

## REGISTRATION

- California Registered Civil Engineer No. 90919
- New Jersey Registered Civil Engineer No. 24GE05663700

## EDUCATION

- **Master of Science**  
**Civil and Environmental Engineering**, with Distinction  
California Polytechnic State University  
San Luis Obispo, CA, 2016
- **Bachelor of Science**  
**Civil Engineering**, with Honors - Cum Laude  
California Polytechnic State University  
San Luis Obispo, CA, 2015

## AREAS OF EXPERTISE

- Certified QSD, QSP in California – Certificate No. 27507
- Certified Public Infrastructure Inspector
- American Red Cross, Certified in Adult & Child First Aid/CPR/AED

Mr. Nemeth is a registered Civil Engineer with a Master of Science in Civil and Environmental Engineering from California Polytechnic State University, San Luis Obispo. Before joining FE, he worked for the City of San Luis Obispo as a Public Works Inspector and Project Manager on capital improvement projects, encroachment permits, residential and commercial tracts, and erosion/sediment control inspections. Lyle is well versed in all facets of constructability, construction management, and inspection, including roles as a Resident Engineer and Project Manager. Lyle is adept at documentation and contract administration and is knowledgeable of, and able to apply, the pertinent standards, specifications, and project specific requirements for local, state, and federally funded projects.

## RELEVANT PROJECT EXPERIENCE

### **SANTA LUCIA ROAD BRIDGE REPLACEMENT PROJECT (City of Atascadero)**

Resident Engineer for the installation of a new \$3.6M, 73-foot-long and 36-foot-wide, single-span, cast-in-place, post-tensioned concrete slab bridge. The project also included construction and removal of a temporary one-lane bridge with reversing traffic control adjacent to the existing structure; construction of new abutments and 20 24-inch cast-in-drilled-hole (CIDH) concrete pile foundations and an 88-foot long retaining wall; improvements to the channel bottom and slope embankment; 875 total feet of roadway approach improvements on Santa Lucia Road and Llano Road (including roadway and approach conforms, driveways, and guardrail); construction of a new stormwater drainage system to meet stormwater post-construction requirements; and utility relocations (water, gas, telecommunications, and power).

### **VIA AVENUE BRIDGE REPLACEMENT PROJECT (City of Atascadero)**

Resident Engineer for the installation of a new \$3.2M, 74-foot-long and 50-foot-wide, single-span, cast-in-place, post-tensioned concrete slab bridge. The project also included construction of new abutments and 30 24-inch CIDH concrete pile foundations; improvements to the channel bottom and slope embankment; 350 total feet of roadway approach improvements on Via Avenue (including roadway and approach conforms, driveways, sidewalk, curb and gutter, and guardrail); construction of a new stormwater drainage system to meet stormwater post-construction requirements; and utility relocations (water, gas, and telecommunications).

### **MARSH STREET BRIDGE REPLACEMENT (City of San Luis Obispo)**

Project Manager for the City of San Luis Obispo who oversaw a construction management firm that provided construction management and inspection services for a new \$4.3M, 48-foot-long and 69-foot-wide, single-span, cast-in-place concrete slab with no approach slabs. The project also included

construction of new abutments and eighty 8-inch micropile foundations, a 17-foot long retaining wall, and a 40-foot long soldier pile wall, improvements to the channel bottom and slope embankment, 390 feet of roadway approach improvements on Marsh Street (including roadway and approach conforms, driveways, sidewalk, curb and gutter, parking lanes, and bike lanes), construction of a new stormwater drainage system to meet stormwater post-construction requirements, and utility relocations (water, wastewater, gas, and telecommunications).

### **CRESTON ROAD BRIDGE EMERGENCY REPAIR (County of San Luis Obispo)**

Provided Construction Management and Inspection for the Creston Road Bridge Emergency Repair Project, which consisted of the structural reinforcement of the undermined abutment footings and collapsing bridge deck. The project included structurally stabilizing the bridge through the installation of a falsework system using W14x120 beams; reinforcing the 75 feet of undermined abutments and wingwalls by underpinning (excavation to the competent Paso Robles Formation, drill/dowel/epoxy into existing footing, and adding additional reinforcement); re-grading the channel bottom and slope embankments to preexisting conditions after the storm damage; and a total of 75 feet of eastern and western roadway approach improvements, including roadway and approach conforms and guardrail. This emergency project was necessary because of damage from the significant rain events in early-2023, so the entire project was completed at force account, tracked, and documented according to Federal Emergency Management Agency (FEMA) reimbursement requirements.

## **STORM REPAIRS AT SAN SIMEON CREEK (County of San Luis Obispo)**

Provided Construction Management and Inspection services for storm repairs on San Simeon Creek Road. Work included roadway excavation, installation of 1-4 ton rock slope protection and embankment material, and repaving off the entire road along the limits of damage. FE coordinated with the County's biologist and paleontological subconsultants throughout the duration of the project to ensure all environmental, biological, and cultural measures were met.

## **SAN MARCOS ROAD EMERGENCY REPAIR AND STABILIZATION (City of Atascadero)**

Provided Construction Management and Inspection services for this emergency slope repair project which included the installation of a 160' soldier pile wall and reconstruction of San Marcos Road at the location of a landslide.

## **LIFT STATION #13 & FORCE MAIN REPLACEMENT (City of Atascadero)**

Provided Construction Management and Inspection services for the construction of a new lift station, demolition of the majority of operations equipment at the existing lift station site, replacement & upsizing of approximately 2 miles of sewer force main on a new alignment, and repaving of approximately one mile of roadway on Santa Cruz Road & Traffic Way. The lift station portion of the project included the installation of pumps, controls, alarm systems, wet-wells, wet-well linings, flow meter, and back-up power generator.

**OAK PARK BOULEVARD ECR STORM DRAIN IMPROVEMENT (City of Arroyo Grande)** Provided Construction Management services for the Oak Park Boulevard ECR Storm Drain Improvement project which included the removing and replacing of an existing drainage inlet, installing a new manhole, concrete junction boxes, and a new HDPE pipe within the City and Caltrans right-of-way. Work also included connecting to an existing box culvert within the Highway 101 right-of-way; restoring landscaping; providing traffic control, stormwater control and compliance with the Caltrans permit.

## **DISINFECTION BYPRODUCT REDUCTION AND WTP PIPE GALLERY IMPROVEMENTS (City of San Luis Obispo)**

Project Manager for the City of San Luis Obispo who oversaw a construction management firm that provided construction management and inspection services. Provided direction and oversight for the \$1.8M modifications at two potable water storage tanks and the installation of mixers, aerators, and ventilators to effectively reduce disinfection byproducts in order to improve water quality and meet regulatory requirements. The project also included replacement of corroded pipe within the pipe gallery at the San Luis Obispo Water Treatment Plant as well as the replacement of a sections of effluent line and additional valving to provide a means for improved maintenance flexibility within the pipe gallery.

**24" HIGHLAND DRIVE WATERMAIN REPLACEMENT (City of San Luis Obispo)** Project Manager for the City of San Luis Obispo that provided field design and inspection services for the replacement of a leaking 24" ductile iron water main with new ductile iron pipe and flexible expansion joint fittings. This project also included installing temporary bypass piping which allowed the City Water Department to pump water from a high pressure zone to a low pressure zone to extend the shutdown window. The location of the leak was on the primary water distribution main from the San Luis Obispo Water Treatment Plant and it was determined that the work needed to be completed in a 16 hour shut down window. The project was completed successfully during a 12-hour night shutdown.

**CALLE JOAQUIN LIFT STATION REPLACEMENT (City of San Luis Obispo)** Project Manager for the City of San Luis Obispo who oversaw a construction management firm that provided construction management and inspection services. Provided direction and oversight for the construction of a new 6-inch and 12-inch gravity sewers, 10-inch sewer forcemain, San Luis Obispo Creek crossing consisting of a 6-inch double-barrel inverted siphon by horizontal directional drilling methods, 30-inch jack and bore under US-101, duplex pumping station with wet well and immersible pumps, and associated piping and manhole improvements, and removal, demolition, and abandonment of the existing lift station, equipment, piping and appurtenances. Additional work included the construction of a 16-inch jack and bore under two box culverts.

**ELM STREET PARK PLAYGROUND (City of Arroyo Grande)** Provided Construction Management services for the installation of new playground equipment which included rough grading, concrete footings for the equipment, and final installation of the of the pour-in-place surfacing.

**ISLAY HILL PARK REHABILITATION (City of San Luis Obispo)** Project Manager and Inspector for the City of San Luis Obispo for the installation of new playground equipment (rough grading, subsurface drainage, concrete footings for the equipment, and final installation of the surface wood chips), new ADA compliant curb ramps and sidewalks leading to the playground from the parking lot, and final paving.



# RAUL ESTRADA, CPII

ASSISTANT  
CONSTRUCTION MANAGER

FE

## EDUCATION

- Bachelor of Science  
Civil Engineering  
Cal Poly San Luis  
Obispo, California, 2007

## AREAS OF EXPERTISE

- Bilingual English/Spanish
- Certified Public Works Inspector
- Caltrans Resident Engineer Academy
- Certified in Asphalt Inspection
- Governor's Office of Emergency Services (OES)
- APWA Seminar in Construction Inspection
- Skilled Assistant Structures Representative
- Structural Calculations
- Project Construction Records Accounting Procedures/Reports

Mr. Estrada has over 15 years of civil and construction management experience in both private and public sectors including contract work for **Caltrans Districts 5 and 7**. Raul has worked on a variety of projects ranging from roadway, utilities, flood control and bridge projects. He is familiar with managing and administering projects per the Caltrans methods and procedures, in accordance with the Local Assistance Procedures Manual. Raul is universally skilled and can function in multiple roles including Project Manager, Structure Representative, and Inspector.

## RELEVANT PROJECT EXPERIENCE

**ANAPAMU BRIDGE REPLACEMENT (City of Santa Barbara)** Assistant Resident Engineer on a \$3.3M bridge replacement project that included removing and replacing a bridge, relocating domestic water utilities, constructing concrete channel walls, installation of streetlights, and installing storm drain facilities.

**MASON STREET BRIDGE REPLACEMENT (City of Santa Barbara)** Construction Management and Inspection of the replacement of a 60-year-old bridge structure with a new custom precast pre-stressed concrete girder bridge making significant flood capacity improvements upstream and downstream of Mason Street. The Mason Street Bridge Replacement Project included both Transportation and Flood Control improvements. Inspection of construction of approximately 800LF of secant pile channel walls and bridge foundation (full-flight hollow-stem auger, Cast-In-Drilled-Hole pile, with wet-set primary reinforcing), hand-placed and sculpted shotcrete faux-sandstone aesthetic concrete veneer, extensive coordination with adjacent businesses and concurrent projects. Inspection of street lighting, sidewalks, landscaping, and bridge railings construction. This improvement project increases flood capacity of Lower Mission Creek as well as provide additional habitat for steelhead trout and tidewater gobies.

**QUINIENTOS STREET BRIDGE REPLACEMENT (City of Santa Barbara)** Provided Structures Representative Inspection for this 38' foot long and 36' wide bridge that crosses over the Sycamore Creek. The new bridge will be 50' long and consist of two 12' lanes with 6' shoulders and 7' sidewalks on both sides of the bridge. The work will consist of removing and

replacing existing concrete bridge and roadway approaches, CIDH bridge abutment piles, Soldier-Pile Channel Walls, Cast-In-Place concrete bridge deck, relocating domestic water facilities, constructing concrete channel walls and sidewalk; landscape and irrigation systems; tree trimming and removal; installing storm drainage facilities; installing streetlights and associated civil street improvements.

**STORKE ROAD NORTHBOUND WIDENING (City of Goleta)** Assistant Resident Engineer for this project which consisted of inspection for the installation of road widening, roadway center median modification, and signal improvements between Hollister Avenue Intersection and US101 south bound ramps.

**HOLLISTER AND GLEN ANNIE WESTAR PUBLIC IMPROVEMENTS (City of Goleta)** Assistant Resident Engineer for this improvement project which consisted of removal and replacement of sections of roadway including traffic signal and poles, curb and gutter, sidewalks and access ramps and pavement overlay, traffic control and striping as well as permit inspections.

**STOW CANYON ROAD SIDEWALK IMPROVEMENTS (City of Goleta)** Assistant Resident Engineer for this project which consisted of installing new sidewalk infill; which includes, new storm drain and appurtenances, asphalt pavement removal and reconstruction, drop inlets, masonry retaining walls, and minor concrete improvements, along Stow Canyon Road..

**LOWER MISSION CREEK REACHES 2B-2, AND REACH 3 (Santa Barbara County Flood Control & Water Conservation District)** Assistant Construction Manager on multiple sections of the Lower Mission Creek Improvements projects that in total were about \$10M. The project included removal of existing drainage and parking lot improvements, channel excavation, disposal of contaminated soil and groundwater, construction of a reinforced concrete weir structure and by-pass channel, construction of approximately 200 L.F. of CIDH Secant Pile wall system with architectural treatment, installation of Rock Slope Protection, fabrication and installation of by-pass channel metal debris rack, installation of fencing and railing, construction of new drainage facilities and parting lot improvement and Native Plant Restoration.

# RAUL ESTRADA, CPII

ASSISTANT  
CONSTRUCTION MANAGER

FE

**SANTA MARIA AIRPORT DITCH (Santa Barbara County Flood Control & Water Conservation District)** Fulfilled Assistant Resident Engineer responsibilities on this \$1.1M project consisted of providing water pollution control; traffic control; earthwork; installation of approximately 2275 linear feet of 60" diameter polypropylene (HP) storm drain; construction of minor cast-in-place reinforced concrete structures; installation of manholes and drop inlets and a transition structure; installed of Tied Concrete Block Mat (TCBM); construction of a 16'x12.5' high ditch; protection of existing facilities and utilities.

**LOWER MISSION CREEK, REACH 1B (Santa Barbara County Flood Control & Water Conservation District)** Construction Manager on a \$3.2M creek widening project. The project included a CIDH Secant Pile wall system of approximately 200 L.F., inspection of approximately 50 L.F. of reinforced concrete retaining wall, excavation, placement and removal of temporary fill, placement of architecturally treated shotcrete wall facing, parking lot reconfiguration and various site improvements.

**NORTH AVENUE STORM DRAIN (Santa Barbara County Flood Control & Water Conservation District)** Assistant Resident Engineer of this project which included Traffic Control for Cal Trans and the City of Lompoc. Inspection of construction of 2-21' drop inlets, 1-10' drop inlet, and 1-7' drop inlet. Inspection of placement of 30-inch HDPE and 15-inch HDPE storm drain. Inspection of placement of handicap ramp placement, sidewalk placement and curb and gutter, and vertical curb placement. Inspection of SWPPP placement. Inspection of placement of CL-2 base, slurry backfill, and asphalt placement. Inspection of signal light loop placement for Caltrans. Inspection of traffic striping. Inspection of shoring placement.

**LOWER MISSION CREEK, REACH 2A (Santa Barbara County Flood Control & Water Conservation District)** Construction Management and Assistant Resident Engineer for a project in downtown Santa Barbara across the UPRR train tracks from the Amtrak Station, that consists of construction of 250 linear feet of 6' x 15' double box culvert construction, transition structure, storm drain relocations; construction of manholes and junction structures; existing utilities protection and relocation; miscellaneous concrete curb and gutter, AC and PCC pavement removal and replacement. Project requires coordination between multiple agencies including City of Santa Barbara, County of Santa Barbara Flood Control District, UPRR, dry utility companies, in addition to significant public coordination.

**LAS VEGAS SAN PEDRO CREEKS CAPACITY IMPROVEMENT PROJECT (Santa Barbara County Flood Control & Water Conservation District)** Inspection of creek channel widening for both Las Vegas and San Pedro Creeks to improve flow capacity. Inspection of the construction of an 840' channel floodwall and channel protection in San Pedro Creek to increasing the hydraulic capacity of the two creeks from a 10-year to a 25-year storm water event.

**ROADWAY SEALING PROJECT 2022 (City of San Luis Obispo)** Construction Management for slurry seal laydown, striping, pavement markings and signage to areas within the City of San Luis Obispo. The project consisted of roadway sealing, AC Digouts, ADA improvement, installing speed humps, concrete bike mediums and other traffic safety delineators with the intent of enhancing safety and multi-modal transportation.

**NORTH CHORRO NEIGHBORHOOD GREENWAY (City of San Luis Obispo)** Provided Assistant Construction Manager responsibilities for the City of San Luis Obispo project which consists of providing a route that prioritizes bicycle and pedestrian travel between the Foothill Boulevard and North Chorro neighborhoods to downtown San Luis Obispo. This project includes pedestrian transportation improvements (construction of 45 curb ramps, 375 feet of retaining walls, sidewalks, crosswalks, pedestrian lighting, and rectangular rapid flashing beacons); bicycle transportation improvements (construction of 530 feet of Class I bike path, protected bikeways, bikeway striping and pavement markings, and guide signage); roadway improvements (full-depth reconstruction, digout repairs, type II slurry seal, and pavement delineation and signage); storm drainage and sewer improvements (construction of new storm drain systems, catch basins, manholes, an energy dissipation structure, and bioretention areas, and installation of a new sewer main, laterals, and manholes); and landscape improvements.

**MARSH STREET BRIDGE REPLACEMENT (City of San Luis Obispo)** Construction Manager \$4.3M bridge replacement project that included removing and replacing a concrete bridge and roadway approaches, relocating domestic water facilities, constructing concrete channel walls utilizing rock slope protection and soldier pile wall, micropile foundation on the abutments, planting landscape materials and irrigation systems, installing storm drainage facilities, installing street lights, and protecting existing utilities.

**BRIDGE STREET BRIDGE REPLACEMENT (City of Arroyo Grande)** Assistant Construction Manager on a \$5.8M historic 2-span steel truss structure. A portion of the super structure was preserved and used while the sub-structure was reconstructed using CIDH foundations. Work also included the reconstruction of roadway approaches, relocating existing utilities, installing streetlights, and associated civil improvements.

**BRISCO ROAD ASPHALT OVERLAY (City of Arroyo Grande)** Inspection of AC grind and overlay. Traffic loop installation, thermoplastic pavement striping and pavement markings, ADA ramp compliance within Caltrans Right-of-Way.

# DESIREE ANTHONY, E.I.T., QSP

ASSISTANT  
CONSTRUCTION MANAGER

FE

## EDUCATION

- Bachelor of Science  
Civil Engineering  
California State  
University, Chico, 2004
- Masters in Education,  
Emphasis in Mathematics,  
University of California,  
Santa Barbara, 2011
- Administration  
Credential, County of  
Santa Barbara, 2019

## AREAS OF EXPERTISE

- CISEC: QSP
- Caltrans Resident  
Engineer Academy
- Pavements Seminar
- American Red Cross,  
Certified in Adult and  
Child First aid/CPR/AED

Ms. Anthony joined Filippin Engineering in July 2022, after working for Penfield & Smith for over 5 years in a number of capacities in the Construction Management Department including inspector, field design, construction manager and program management. Desiree has experience working with a variety of central coast agencies including: the City of San Luis Obispo, City of Santa Barbara, City of Goleta, Montecito Sanitary District, Santa Barbara County Flood Control and Water Conservation District, City of Carpinteria, City of Oxnard, City of Camarillo, and the City of Lancaster. Desiree is well-versed working with different agencies and has the ability to develop strong working relationships and ensure projects are completed on time and with quality at the forefront. Desiree has extensive design and construction experience ranging from roadways and parking lot construction to complex infrastructure. She has also gained valuable field experience as both an inspector and project manager, which provides her with a versatile and complete picture of what it takes to see a project through from start to finish.

## RELEVANT PROJECT EXPERIENCE

**STATE STREET UNDERCROSSING (City of Santa Barbara)** Assistant Construction Manager for this project which is located in downtown Santa Barbara on the iconic State Street roadway that connects downtown Santa Barbara with the Waterfront. The project is which is partially located in the Caltrans Right-of-way, is both a major facelift and includes many safety features to appropriately rebalance space for vehicles, pedestrians, and cyclists through the undercrossing between Yanonali and Gutierrez Streets. Work generally includes widening sidewalks (Both on Slab and Raised on Slab) on both sides of the street, increasing bike lanes widths and adding 2-3 foot protected buffers, new pedestrian lighting and railing for safety and decorative tile columns for aesthetics. This project also includes the installation of a large SiteSaver System to improve storm water quality and debris from the storm drain system.

**WESTSIDE COMMUNITY PASEOS (City of Santa Barbara)** Assistant Construction Manager for this project which is located in the City of Santa Barbara along Mission, Gillespie, San Pascual, Micheltoarena, Castillo, Sola, Salsipuedes, Panchita, Victoria, Alta Vista, Anapamu, & Nopal Streets. The project established safe and efficient connections from the Westside to the Downtown area, the Eastside, and to schools and parks. Work generally included the construction of curb extensions, traffic diverters, stop islands, ADA compliant sidewalk and curb ramps, improved signage, speed humps, raised crosswalk, Class I, Class II green lane, and Class III bike routes, and tree removal and planting.

**BULB-OUT IMPROVEMENTS (City of Santa Barbara)** Design services for the City of Santa Barbara for the bulb-out projects along Garden Street and additional downtown streets to provide safe crossing for pedestrians. Project included utility coordination and reconfiguration of storm drain flows and ADA accessibility design.

**FOUR SEASONS BILTMORE ENTRANCE PARKING AND PATHWAY (Ty Warner)** Design services for the raising of the hotel's valets' entrance and creation of ADA accessible walkways at the entrance parking lot and along the property's pathways. Design services included modifying existing grades to create ocean views while still providing feasible drainage and ADA accessibility.

**2009 ANNUAL MICROSURFACING (City of San Luis Obispo)** Construction Management and Inspector for the City of San Luis Obispo's annual microsurfacing projects, including calibration and laydown of microsurfacing, pavement grinding, concrete improvement replacements, and striping in residential and industrial areas.

**SANTA BARBARA AIRPORT TERMINAL REPLACEMENT (City of Santa Barbara)** Complete civil engineering design bid phase assistance for the new terminal facility and associated extensive road, apron, grading, drainage and extensive utility improvements and upgrades. Also worked closely with L.A. Based Architects to ensure design and concept flowed seamlessly.

**2007, 2008, & 2009 ANNUAL PAVEMENT REHABILITATION (City of Lancaster)** Design services and construction support for the City of Lancaster's annual pavement rehabilitation projects. Projects were up to approximately \$10 million in construction costs

# DESIREE ANTHONY, E.I.T., QSP

ASSISTANT  
CONSTRUCTION MANAGER

FE

per year and included treatments such as bonded wearing course, full depth reclamation, cold-in-place asphalt recycling, microsurfacing, slurry seal, and overlay.

**UCSB PARKING LOTS 2006-2007 AND 2007-2008 (University of California, Santa Barbara)** Design and bid process assistance for the pavement rehabilitation of various parking lots on the UCSB campus.

**SBCC LOT 2C & 3 REHABILITATION (Santa Barbara City College)** Design assistance, construction management, inspection, and scheduling assistance for the pavement rehabilitation of two waterfront parking lots on the Santa Barbara City College campus.

**OXNARD NEIGHBORHOOD PAVEMENT REHABILITATION PROJECTS (City of Oxnard)** Design of pavement rehabilitation for 5 neighborhoods within the city of Oxnard, consisting of pulverization, overlay, slurry seal, and various concrete improvements.

**ANNUAL OVERLAY AND SLURRY SEAL PROJECT (City of Camarillo)** Street selection, design, and specification preparation of annual overlay and slurry seal for the city of Camarillo, consisting of both overlay and slurry seal treatments.

**2023 STORM DAMAGE AND CLEANUP EMERGENCY WORK (Santa Barbara County Flood Control and Water Conservation District)** Providing Construction Management and document control for the 2023 Storm Damage and Cleanup Emergency Work from the January 9 rainfall. The work consisted of trucking ticket verification, invoice review, and preparation and organization of paperwork for audit for multiple locations in the greater Santa Barbara area (Carpinteria, Montecito, Santa Barbara, and Goleta). Work completed at the locations includes debris cleanup and removal from creeks, debris basin cleanout for multiple locations including San Roque, Cold Spring, Romero, Arroyo Paredon, Gobernador, and Santa Monica, San Jose, Atascadero, Los Carneros, San Pedro, minor repairs to structures, and disposal site monitoring.

**2023 EMERGENCY WORK FOR JANUARY 9, 2023 FLOOD DAMAGE (City of Goleta)** Program Manager for the City of Goleta for the storm related damages from the January 9, 2023 storm event and Emergency Declaration EM-3591-CA. Along with the coordination of the City of Goleta, managed various storm related projects which included document control, contract development, site surveys, photo logs, as-built reviews, calculation of quantities, estimating costs, correspondence and coordination with the City staff, weekly meeting participation, time tracking, and project reports. Work also included the site evaluation of all City identified damaged facilities or infrastructure, assessment of existing infrastructure or facility prior to the rain event and after the rain event and assist the City with coordination with Cal OES and FEMA.

**ROMERO CREEK DEBRIS BASIN (Santa Barbara County Flood Control and Water Conservation District)** Provided Assistant Construction Manager responsibilities for existing flood control debris basin along Romero Road. Work for this \$2.3M project consisted of providing water pollution control, clearwater diversion, removal of a portion of grouted rock slope protection, excavation, placement of rock slope protection, construction of a cast-in-place outlet structure including retaining walls, grading of a new channel with ESM, and construction of new concrete access road.

**SANTA MONICA DEBRIS BASIN OPERATIONAL IMPROVEMENTS BASIN (Santa Barbara County Flood Control and Water Conservation District)** Assistant Construction Manager for the \$5.1M Santa Monica Debris Basin Improvements. Work consisted of providing water pollution control; removal of existing bridge; modifications to existing drainage facilities; new bridges; new drainage facilities; reinforced earth and sheet pile retaining walls; and roadway improvements including PCC and HMA surfacing.

**COMMUNITY GARDEN, SAN JOSE CREEK MULTI-PURPOSE PATH AND ARMITOS PARK IMPROVEMENTS (City of Goleta)** Provided Assistant Construction Manager responsibilities for improvements of the Community Garden, San Jose Creek Multi-Purpose Path, and Armitos Park. The improvements include clearing, grubbing, and rough grading of the full two-acre site, along with earthwork and the construction of a new community garden with raised garden beds, an outdoor classroom, an outdoor picnic area with a pizza oven; installation of new playground equipment and surfacing material; construction of Americans with Disabilities Act (ADA)-accessible walkways, ramps, and curbs; stabilized decomposed granite (DG); construction of a bike path in a riparian area along San Jose Creek; and all associated clearing, grubbing, grading, porous asphalt concrete (AC), bioretention and bioswales, concrete, drainage, fencing, signage and landscape work. These projects require close coordination with multiple landscape architects, engineers, permitting agencies, environmental consultants, and archeological monitors.



# ZACH BRYANT | ASSOCIATE CONSTRUCTION MANAGER



## AREAS OF EXPERTISE

- Business Insights 20/20 Project Management Academy
- PSMJ Project Management Bootcamp
- ACI Reinforced Concrete Academy
- IPMA Level D, Certified Project Management Associate
- Caltrans Materials Engineering Technician/Plant Inspector Certified (Formerly)
- ICC Soils Special Inspector (Formerly)
- ICC Reinforced Concrete Special Inspector (Formerly)

Mr. Bryant is a longtime resident of Southern California with 20 years of Public Works and construction industry experience in Santa Barbara, Ventura and Los Angeles Counties. Zach has spent the last decade providing construction management and inspection services to local agencies and has established himself as a key figure in the industry. His focus at FE is major infrastructure projects such as bridge reconstruction, roadway widenings, water and wastewater pipelines, wastewater and water treatment facilities. Before FE, Zach was employed with Fugro Consultants, Inc. as project manager for the construction materials testing group and field supervisor for multiple construction projects throughout Southern California counties. Zach has provided project management, inspection and testing services on a variety of public works projects, and most recently filled the role of Assistant Resident Engineer on the Santa Ana Blvd. Bridge Replacement which is part of the Matilija Dam Ecosystem Restoration Project for the County of Ventura. Some of the agencies that Zach has provided services to include the County of Santa Barbara, City of Santa Barbara, City of Ventura, City of Thousand Oaks, City of Santa Paula, City of Oxnard, City of Camarillo, Calleguas Municipal Water District, County of Ventura, Cachuma Operations and Maintenance Board and Caltrans. Zach excels at managing multiple projects at once and his depth of experience, strong communication skills and problem-solving abilities, make him an effective and essential member of the FE team.

## RELEVANT PROJECT EXPERIENCE

### **MATILIJA DAM ECOSYSTEM RESTORATION – SANTA ANA BLVD. BRIDGE REPLACEMENT (County of Ventura)**

Assistant Resident Engineer for this \$11.5M project, the Matilija Dam Ecosystem Restoration/Santa Ana Blvd Bridge Replacement project. Project responsibilities included construction management and inspection during construction of the Santa Ana Boulevard Bridge over the Ventura River, channel improvements and the removal of the existing bridge in Oak View, CA. Part of the project will be to remove the Matilija Dam to restore suitable habitat and improve water and sediment flows. This project included demo of an old bridge and construction of the new bridge with two large diameter CIDH piles, abutments, and roadways. Project also included improvement of sidewalks, channel embankment work, rock riprap, removal and relocation of numerous utilities, chain link fencing and gates, rock walls, ornamental gates, retaining walls, storm drains and landscape and mitigation plantings.

**ANACAPA MIDDLE SCHOOL SAFE ROUTES TO SCHOOL (City of Ventura)** Construction Manager for this \$1.9M Federally funded construction project. The project consisted of roadway widening along Telegraph Rd. between Mills Rd. and Ashwood Ave. The project included curb extensions to provide a pedestrian school crossing with Rectangular Rapid Flashing Beacons near Anacapa Middle School and a new traffic signal installation at the intersection of College Dr. and Telegraph Rd. Along with these pedestrian and traffic control improvements, the project will provide asphalt pavement resurfacing, concrete curb ramp improvements, sidewalk and driveway repairs, traffic signs and striping and included the relocation of existing gas main.

**2019 ANNUAL CITYWIDE STREET MAINTENANCE (City of Ventura)** Construction Manager for this \$1M construction project the consisted of asphalt pavement replacement, curb and gutter reconstruction, tree removal, sidewalk replacement, concrete curb ramp reconstruction, signage and striping on several streets throughout the City of Ventura. The concrete replacement work was performed on the streets in preparation for the City's Annual Slurry Seal Project.

**2019 ANNUAL CITYWIDE SLURRY SEAL (City of Ventura)** Construction Manager for this \$1.5M city wide slurry seal resurfacing project located on several streets throughout the City of Ventura. Work included roadway surface preparation, crack seal, striping removal, slurry seal resurfacing, and striping replacement. The work was performed along city arterials and in residential neighborhoods.

# ZACH BRYANT | ASSOCIATE CONSTRUCTION MANAGER

**FE**

**STREET RESURFACING JOHNSON DRIVE – BRISTOL TO 101 FWY (City of Ventura)** Construction Manager for this \$1.4M construction project funded by Senate Bill No. 1. The project consisted of asphalt pavement resurfacing, concrete curb ramps, pedestrian passageways, sidewalk and driveway repair, traffic signs and striping improvements on Johnson Dr. from Bristol Rd. to U.S. Fwy 101.

**STREET RESURFACING – JOHNSON DR., TELEPHONE TO BRISTOL (City of Ventura)** Mr. Bryant's involvement in the project included Construction Management during the construction of this \$1.4 million street resurfacing and pedestrian improvements project. The project included reconstruction of ADA curb ramps, sidewalk repairs, pedestrian passageway, and street resurfacing on Johnson Dr. from Bristol to Telephone Rd. with asphalt rubberized hot mix pavement.

**STREET RESURFACING RALSTON STREET – PORTOLA ROAD TO VICTORIA AVENUE AND VICTORIA AVENUE – TELEPHONE ROAD TO HWY 126 (City of Ventura)** Mr. Bryant's involvement in the project included Construction Management during the construction of this \$2 million street resurfacing and pedestrian improvements project. The project included reconstruction of ADA curb ramps, sidewalk and driveway replacements and street resurfacing which included slurry seal and asphalt rubberized hot mix pavement. The resurfacing included Ralston St. from Portola Rd. to Victoria Ave., and Victoria Ave. from Telephone Rd. to Hwy 126 in the City of Ventura. The resurfaced area of Victoria Ave. was adjacent to the Ventura County Government Center. The Victoria corridor connects Hwy 126 to the 101 Fwy interchange and is the most traveled arterial in the City of Ventura.

**STREET RESURFACING AND ROADWAY RE-PURPOSING – TELEPHONE ROAD, VICTORIA AVENUE TO KIMBALL ROAD (City of Ventura)** Construction Management during construction of this \$2.5 million street improvements project. The project included reconstruction of ADA curb ramps, sidewalk repairs, extension of left turn pocket at Johnson Dr., cold milling, asphalt pavement repair, asphalt rubberized hot mix pavement, signing and striping of new traffic pattern that included bike lanes from Kimball to Victoria.

**STREET RESURFACING – WALKER /MOON DR., DOWELL TO VICTORIA (City of Ventura)** Mr. Bryant's involvement in the project included Construction Management during the construction of this \$1.2 million street resurfacing and pedestrian improvements project. The project included reconstruction of ADA curb ramps, roadway realignment, and street resurfacing which included slurry seal and asphalt rubberized hot mix pavement. The resurfacing included Walker. St. from Dowell Dr. to Victoria Ave. in the City of Ventura and included over 150,000 square feet of surface area.

**STREET RESURFACING TELEPHONE ROAD AND PORTOLA ROAD (City of Ventura)** Construction Manager for this \$1.6M construction project that consisted of asphalt pavement resurfacing, concrete curb ramps, sidewalk and driveway repair, traffic signs and striping improvements on Telephone Rd. from Main St. to McGrath St. and on Portola Rd. from Telephone Rd. to Ralston St.

**DOWNTOWN & WELLNESS DISTRICT SIDEWALK IMPROVEMENTS PHASE 1 & 2 (City of Ventura)** Construction Manager for this \$650,000 construction project that consisted of curb and gutter replacement, concrete sidewalk and driveway repairs, and ADA curb ramp construction in Downtown Ventura and throughout the Wellness District near Ventura County Medical Center and Community Memorial Hospital.

**EASTSIDE SIDEWALK IMPROVEMENTS (City of Ventura)** Construction Manager for this \$300,000 construction project that consisted of curb and gutter replacement, and concrete sidewalk and driveway repairs. The scope included work on the East side of town throughout residential neighborhoods.

**WESTSIDE PEDESTRIAN & BICYCLE IMPROVEMENTS PROJECT (City of Ventura)** Senior Construction Inspector involved in this \$860,000 Federally Funded project which included the Construction Management and Inspection for the City of Ventura. The project scope included curb extensions, ADA curb ramps, Rapid Rectangular Flashing Beacons, concrete sidewalk and cross gutter improvements and asphalt concrete pavement on Ventura Avenue between Kellogg St. and Leighton St. The project also included the construction of new pedestrian sidewalk, residential driveways and asphalt pavement along the West side of Cedar St.

**PLEASANT VALLEY ROAD AT STURGIS ROAD INTERSECTION (County of Ventura)** Provided construction inspection for the County of Ventura on the road widening and new signalized intersection at Pleasant Valley Rd. and Sturgis intersection. The project included roadway widening, asphalt pavement, cement treated base shoulder work, installation of new conduit for traffic signals, signing and striping. Includes coordination with adjacent Caltrans US 101 Drainage Improvement project and Union Pacific Railroad (UPRR). A portion of the work was performed in the Caltrans Right-of-Way under a Caltrans encroachment permit.

# GIANNA POURARIEN

ASSOCIATE  
CONSTRUCTION MANAGER

FE

## EDUCATION

- Bachelor of Science  
Civil Engineering  
California State  
University, Northridge,  
2015

## AREAS OF EXPERTISE

- Roadways/Highways
- Underground Utilities
- Grant Funded Projects
- Microsoft Office Suite
- Google Suite
- Bluebeam Revu
- Autodesk AutoCAD
- PlanGrid
- Procore

Mrs. Pourarien joined Filippin Engineering in March 2023, after working for the City of Oxnard for approximately 3 years as a Construction Project Manager, and prior to that working with Granite Construction and the County of Ventura. Gianna has experience working with a variety of agencies including: City of Goleta, City of Ventura, City of Oxnard, County of Ventura, City of Lancaster, and City of Palmdale. Mrs. Pourarien is well-versed working with different agencies, contractors, consultants, and stakeholders. Her ability to develop strong working relationships helps ensure projects are completed on time and with quality at the forefront. Gianna has extensive design and construction experience ranging from roadways to underground utility infrastructure. She has also gained valuable experience having worked in the private sector with a large general contracting company and in the public sector with multiple agencies (City and County). This experience lends itself to provide versatile input on all stages of a project from design through completion.

## RELEVANT PROJECT EXPERIENCE

### **ARTERIAL STREET RESURFACING EAST AND WEST GONZALES ROAD AND OXNARD BLVD. STREET IMPROVEMENT (City of Oxnard)**

Provided Associate Construction Manager responsibilities for this project which includes the milling of existing asphalt concrete pavement; placement and compaction of asphalt rubberized hot mix (ARHM) and

installing asphalt rubber aggregate membrane (ARAM) interlayer; micro-surfacing and crack fill; excavation and reconstruction of asphalt pavement failed areas; reconstruction of existing and new medians; concrete repairs; adjust utility covers to finished grade; removal and replacement of street name signs; traffic striping and traffic loop installation. In addition to this scope of work, the project includes the rehabilitation of Patterson Rd. asphalt concrete walking path from Doris Avenue to West Gonzales Road. The Work includes the installation of fog seal and repair of asphalt pavement failed areas.

**PEARBLOSSOM HIGHWAY RECONSTRUCTION (City of Palmdale)** Served as Project Engineer for the general contractor (Granite Construction) on the \$13.5M highway reconstruction project. Responsibilities included ordering and supplying materials, managing labor and equipment, scheduling, procuring change orders/force accounts, invoicing and project budget forecasting, and adherence to the contract documents. The project consisted of reconstructing approx. 16 lane miles of Pearblossom Highway which included installing synthetic geogrid, aggregate base, a lean concrete base, a layer of asphalt concrete (AC), and a 2.4" polymer modified AC cap. In addition, utilities were adjusted to grade, installed recessed pavement delineation, roadway signs, upgraded signalized intersections, and improved sidewalks and curb ramps.

**THIN MAINTENANCE OVERLAY PHASE ii (City of Oxnard)** Construction Project Manager providing oversight and management of a \$6.5M budget to resurface of over thirty (30) streets city-wide. The project included asphalt concrete overlay, microsurfacing, asphalt concrete digouts and repair, leveling, patching, crack sealing, crack filling, concrete work (sidewalk, curb and gutter, curb ramps, etc.), and installing new traffic striping and signage.

**ARTERIAL STREET RESURFACING AT VARIOUS LOCATIONS (City of Oxnard)** Responsible for Construction Project Management and oversight of the resurfacing of three (3) major arterial streets (Rose Avenue, Rice Avenue, and Saviers Road) and the installation of storm drainage improvements at River Ridge Golf Course. Work for this project included: abiding by applicable California Manual on Uniform Traffic Control Devices (CA MUTCD) and traffic control plans, implementing Best Management Practices (BMP's) and Storm Water Pollution Prevention Plan (SWPPP), cold milling asphalt concrete (AC), unclassified excavation/AC digouts (6" and 12"), placing and compacting class 2 aggregated base, paving asphalt rubber hot mix (ARHM), paving various gradations of asphalt concrete (B2, C2, and D2), microsurfacing, crack sealing, installing thermoplastic traffic striping, removing and replacing sidewalks, curb and gutter, curb ramps with detectable warning tiles, and the installation of a new concrete swale.

**BRYCE CANYON NORTH/SOUTH & FREMONT NORTH NEIGHBORHOOD STREET RESURFACING (City of Oxnard)** Assisted with the design and procurement of the project Plans and Specifications, moved the project through the bidding and award phase, and provided Construction Project Management from construction to close-out on a \$4.2M CIP project. The work consisted of milling of existing asphalt concrete pavement, placement and compaction of asphalt rubberized concrete, slurry seal and crack fill, excavation and

# GIANNA POURARIEN

ASSOCIATE  
CONSTRUCTION MANAGER

FE

reconstruction of failed areas, concrete repairs, adjust utilities to finished grade, removal and replacement of street name signs, and installing thermoplastic traffic striping.

**C STREET BICYCLE FACILITIES INSTALLATION (City of Oxnard)** Construction Project Manager responsible for the installation of new Class II and Class III bicycle facilities utilizing Federal grant funding and local City funding. This project required a 9.98% Disadvantaged Business Enterprises (DBE) goal which the lowest bidding contractor was able to meet and exceed (at 11.10%). Maintained detailed organization and record keeping of all project documents for reimbursement of construction costs by the Federal grant, and for any potential future audits. This project's scope of work included installing thermoplastic traffic striping and pavement markings, installing various traffic signs on new posts, and installing inductive traffic loop detectors.

**EMERGENCY – 2023 WINTER STORM RECOVERY (City of Goleta)** Assisted the City with Construction Project Management on at least 10 emergency repair sites. The repair sites ranged in category (FEMA Categories A-D & G) and included debris removal, emergency protective measures, roads and bridges, water control facilities, and parks and other recreation. Assessed and documented the on-site damages and prepared cost estimates for repair.

**ADVANCED METER INFRASTRUCTURE PROJECT (City of Oxnard / Carollo Engineering)** Provided inspection and provided in-office engineering services for the removal and replacement of 43,000 water meters ranging from ¾-inch to 10-inch automated meters.

**REDWOOD NEIGHBORHOOD CAST IRON PIPE REPLACEMENT (City of Oxnard)** Served as Project Engineer for the general contractor (Granite Construction) on the \$3.2M waterline replacement project. The project included installing 11,800 lineal feet (LF) of 8" PVC Class 200 pipe, replacement of water services up to 2-inches, installing air-vacuum assemblies, blow-off assemblies, gate valves, fire hydrants, and related appurtenances. The project also included abandoning-in-place the existing cast iron pipe by injecting it with cellular concrete, trench backfill, and street resurfacing.

**BRYCE CANYON NORTH/SOUTH & FREMONT NORTH NEIGHBORHOOD WATER CAST IRON PIPE REPLACEMENT (City of Oxnard)** Project Manager on a \$4.6M waterline replacement project. The project included installing approximately 17,700 LF of 8" and 10" PVC main waterlines, replacement of 1-inch service laterals, installing air-vacuum assemblies, blow-off assemblies, gate valves, fire hydrants, and related appurtenances. The project also included abandoning-in-place the existing cast iron pipe by injecting it with cellular concrete, trench backfill, and pavement repair.

**LA COLONIA NEIGHBORHOOD WATER CAST IRON PIPE REPLACEMENT (City of Oxnard)** Project Manager on a \$4.1M waterline replacement project. The project included installation of approximately 19,000 LF of 4" to 12" PVC Class 200 pipe, replacement of 1-inch to 4-inch service laterals, installation of air-vacuum assemblies, blow-offs, gate valves, fire hydrants, and related appurtenances. The project also included abandoning-in-place the existing cast iron pipe by injecting it with cellular concrete, removal of asbestos cement pipe (ACP), trench backfill, and pavement repair.

**ADVANCED METERING INFRASTRUCTURE (City of Oxnard)** Lead Construction Inspector/Project Engineer on a \$22M water meter replacement project. The work includes removal and replacement of approximately 44,000 water meters ranging from ¾" to 12", and installation of new meter lids. Overseeing service lateral break or leak repairs, assisting with the coordination of meter exchanges between customers and the contractor, and providing customer service support.

**WATERLINE REPLACEMENT – ONDULANDO PHASE IV (City of Ventura)** General Contractor Project Engineer responsible for overseeing the construction 10,000 LF of 8-inch water pipeline, installing 1-inch service laterals, fire hydrants, valves, air-vacuum releases, blow-offs, and related appurtenances. The work also included trench backfill and restoration of the asphalt concrete pavement.

**RECYCLED WATER SYSTEM PHASE IV PIPELINE (County of Ventura)** Engineering Technician responsible for reviewing submittals, drafting responses to requests for information (RFI's), and the analysis of potential change orders and related costs. The project included the construction of a 13,000 LF of reclaimed water main installation, a section of which required jack and boring through CalTrans ROW, trench backfill, pressure testing, and paving restoration operations.

**PIRU TREATMENT PLANT UPGRADE (County of Ventura)** Assisted with the inspection and oversight of the approximately \$6M in treatment plant upgrades consisting of evaporation tanks and liners, leak detection systems, pump stations, a chemical feed system, desalination system, and solids handling facilities. Generated a Construction Quality Assurance (CQA) Plan for the County as required by the Regional Water Quality Control Board for the wastewater treatment plant upgrades.



# RAFAEL MEDINA JR.

## ASSISTANT CONSTRUCTION MANAGER

**FE**

### EDUCATION

- Bachelor of Science, Mechanical Engineering, California State University, Northridge, CA 2003

### AREAS OF EXPERTISE

- Bilingual
- American Public Works Association (APWA)
- American Society of Civil Engineers (ASCE)
- American Red Cross, Certified in Adult and Child First Aid/CPR/AED
- Lean Six Sigma Green Belt
- Advanced Microsoft Office Suite
- Intermediate Adobe Suite
- Procore Project Manager Pro

Mr. Medina is an Oxnard native working 30+ years in the Ventura/Oxnard area. Prior to joining FE he worked for the County of Ventura Water and Sanitation Department. He has over 20 years of construction experience related to water and sewer infrastructure, dry utility, road construction, airport pavement maintenance, roadway pavement and maintenance, and storm drain structures. In addition, Rafael has experience in vertical construction from groundbreaking to final product, which includes but not limited to, concrete foundation, framing, mechanical, electrical, plumbing, and data construction inspection. Other related experience topography data collection, construction staking, design engineering including preparation of plans, specifications, and cost estimates. Additionally, Rafael has received his Lean Six Sigma Green Belt certification in process improvement by the County of Ventura.

Inspection and Construction Management experience includes full-time inspection, daily report preparation, submittal management and review, RFI management, change-order negotiation, providing field direction to the contractor and resolution of disputes between the contractor, engineer and owner. Rafael has extensive experience in underground utility construction, public works infrastructures, vertical construction, and pavement and concrete construction. Additionally, Rafael is highly experienced with the Procore Construction Management Software.

## RELEVANT PROJECT EXPERIENCE

### **CAMARILLO ANNUAL OVERLAY OLD TOWN PROJECT (City of Camarillo)**

Assistant Resident Engineer for this project which consisted of inspection for the construction of asphalt concrete overlay, concrete improvements, access ramps, cold milling, crack seal, slurry seal, lowering and adjusting of utilities, traffic control, striping and related work for the Old Town in the City of Camarillo.

**BRADLEY ROAD BRIDGE REPLACEMENT (County of Ventura)** Provided Assistant Resident Engineer responsibilities for this bridge replacement project which consisted of replacement of a 14' x 9' reinforced concrete box structure (BR. 206) & related drainage facilities with a 19'-2" x 11'-10" structural plate culvert, retaining walls & drainage facilities, & repaving Bradley Road approximately 300' north of SR118 in Somis.

**LAS POSAS VALLEY AND BALCOM CANYON ROAD PAVEMENT RESURFACING (County of Ventura)** Assistant Resident Engineer for this pavement resurfacing project which consisted of pavement resurfacing using Asphalt Concrete Hot Mix (AC) with fiber reinforcement over Asphalt Rubber Aggregate Membrane (ARAM), Type II Emulsion-Aggregate Slurry and Jointed Plain Concrete Pavement Replacement. Work also included Public Access & Notice, Mobilization, Traffic Control & Construction Signing, Water Pollution Control, Existing Utility & Roadway Facilities, Roadway Preparation, Surface Preparation & Crack Treatment, Clearing & Grubbing, Sawcut, Cold Milling (5' Wide), AC Taper with Key, AC Grinding, AC Base Repair, AC Miscellaneous Paving, AC Shoulder, PMB Shoulder Backing, Seal Coat, AC Dike Rehabilitation, Concrete Headwalls, Culvert Replacement, Midwest Guardrail System Replacement, Traffic Loop Detector Replacement, Survey Monument Frame Replacement & Adjustment, Pavement Delineation & Striping & appurtenant work.

### **MATILJA DAM ECOSYSTEM RESTORATION – SANTA ANA BLVD. BRIDGE REPLACEMENT (County of Ventura)**

Assistant Resident Engineer for this \$11.5M project, the Matilija Dam Ecosystem Restoration/Santa Ana Blvd Bridge Replacement project. Project responsibilities included construction management and inspection during construction of the Santa Ana Boulevard Bridge over the Ventura River, channel improvements and the removal of the existing bridge in Oak View, CA. Part of the project will be to remove the Matilija Dam to restore suitable habitat and improve water and sediment flows. This project included demo of an old bridge and construction of the new bridge with two large diameter CIDH piles, abutments, and roadways. Project also included improvement of sidewalks, channel embankment work, rock riprap, removal and relocation of numerous utilities, chain link fencing and gates, rock walls, ornamental gates, retaining walls, storm drains and landscape and mitigation plantings.

# RAFAEL MEDINA JR.

## ASSISTANT CONSTRUCTION MANAGER

The logo consists of the letters 'FE' in a bold, white, sans-serif font, centered within a black square.

**CITYWIDE STREET IMPROVEMENTS PROJECT FY 15-16 (City of Santa Barbara)** Assistant Resident Engineer for this project which consisted of inspection for 16,550 LF of water main reconstruction, 2500 LF of sewer main reconstruction, the removal of 37 existing sewer manholes and replacing them with new polymer manholes, the installation of 58 access ramps and the full depth reconstruction of 708,000 SF of city roadway. The project contained work in six separate areas of the city, ranging from the downtown commercial area to residential neighborhoods that were built between the 1900's and the early 1960's.

**ROSE AVENUE BIKE LANES – PHASE 1 (County of Ventura)** Work under this contract consists of pavement widening of Rose Avenue from Simon Way to Central Avenue to accommodate Type II bike lanes including public access and notice, traffic control and construction signing, water pollution prevention, PCC curb and gutter, 48" x 48" x 36" drop inlet with 18" PVC drain pipe, 4.75' depth percolation trench with 12" PVC perforated pipe, 7" thick AC pavement widening, AC leveling course, AC driveway approach & miscellaneous paving, AC pavement micro-milling, surface preparation & crack sealing, Type II emulsion-aggregate slurry with fiber reinforcement, PMB shoulder backing, traffic signal loop detector replacement, pavement delineation, striping and signs, and appurtenant work.

**PAVEMENT RESURFACING – DEL NORTE AND OXNARD WEST AREAS (County of Ventura)** Providing Assistant Resident Engineer responsibilities for this pavement resurfacing of roads in the Del Norte and Oxnard West areas to strengthen existing deficient pavements and extend the service life of the road. Work consisted of pavement resurfacing including Type II Emulsion-Aggregate Slurry, Public Access and Notice, mobilization, traffic control and construction signing Water Pollution Control, roadway preparation, surface preparation and creak treatment, Cold Milling and AC Hot Mix fill, AC Dike Rehabilitation, AC Dike Seal, Shoulder backing, pavement delineation and striping, and survey monument frame replacement and adjustment.

**ARTERIAL STREET RESURFACING (City of Oxnard)** Assistant Construction Manager services for the full-width mill of existing asphalt concrete pavement and repaving with Asphalt Rubber Hot Mix asphalt concrete along Saviers Road from Hueneme Road to Pleasant Valley Road, micro surfacing of existing asphalt concrete pavement along Rose Ave. from Pleasant Valley Rd to Fifth St. and along Rice Avenue from Fifth St to Gonzales Ave, and improvement of storm drainage at River Ridge Golf Course maintenance road. Inspection includes, but not limited to, for the placement and compaction of asphalt rubberized concrete; the installation of asphalt concrete leveling course and patching of longitudinal cracks for preparation of existing asphalt concrete pavement; concrete works; installation of PCC Type E curb; adjust utility covers to finished grade; and traffic re-striping.

**MONTECITO STREET BRIDGE REPLACEMENT (City of Santa Barbara)** Provided Construction Inspection for this 47.5-foot-long bridge which included two 12' travel lanes with 5' wide shoulders and a 6' sidewalk for the City of Santa Barbara. Our inspection effort included overseeing the removal of an existing stone arch culvert and replacing it with a single span cast-in-place pre stressed (CIP/PS) concrete slab bridge, relocating domestic water and sanitary sewer facilities; constructing concrete retaining walls and sidewalk improvements; landscaping and irrigation systems; installing storm drainage facilities; installing street light; and protecting existing utilities.

**LAS POSAS ROAD BIKE LANES – PHASE II (County of Ventura)** Fulfilled Construction inspection responsibilities for the pavement widening and pavement rejuvenation to accommodate Class I Bike Lanes, Type II Slurry, Striping & Signing, all appurtenant work.

**THIN MAINTENANCE OVERLAY PHASE II (City of Oxnard)** Provided Construction Inspection services for the Thin Maintenance Overlay project which included asphalt concrete dig out and repair, pathing, milling, and paving, cape seal, slurry seal, crack sealing, pavement markings, installation of loop detectors, and concrete work at various locations throughout the City of Oxnard. In addition to construction inspection, pavement evaluation for repair was conducted, and material verification and quantity was monitored daily. Coordination with deputy inspectors was also performed.

**HARBOR BLVD SEWER REPLACEMENT PROJECT (City of Ventura)** Senior Construction Inspector for the removal of an existing 20-inch force main and replaced with 6,100 linear feet of 36-inch gravity sewer main ranging from depths of 5-feet to deep excavation of 23-feet including sewer manhole and junction infrastructure at deep depths and all appurtenant work related to the sewer line construction. Storm drainpipe and manhole relocation was also conducted. This work also included groundwater control as well as subgrade stabilization.

# JERRY MISSAMORE, QSP, QSD, CPESC, CPII

ASSISTANT  
CONSTRUCTION MANAGER

FE

## AREAS OF EDUCATION

- Carpenter Training Institute

## AREAS OF EXPERTISE

- CISEC: QSP, QSD, CPESC
- Certified Public Works Inspector
- UP Property Access Training – Union Pacific Safety & Security Awareness Program
- Lane Closure System - Caltrans
- Lead Awareness Safety
- Excavation Safety Training for Competent Persons
- Confined Spaces - OSHA
- 30-hours Outreach Training for the Construction Industry -OSHA
- Cal/OSHA Training – State Plan Lessons
- American Red Cross, Certified in Adult First Aid/CPR/AED

Mr. Missamore is a Chief Construction Inspector with over 23 years of construction experience in the construction industry. Jerry's extensive construction background gives him firsthand knowledge on what is essential and important to observe, report on and coordinate with all stakeholders during the construction process. Jerry has a solid background working on Public Works projects administered per the California Department of Transportation (Caltrans) methods and procedures in accordance with the Local Assistance Procedures Manual. Overseeing these projects, Jerry has experience in item quantity verification, daily time sheets, problem solving issues that come up in the job setting and managing personnel to complete tasks.

## RELEVANT PROJECT EXPERIENCE

**LAS POSITAS MULTIUSE PATH Bike Path (City of Santa Barbara)** Provided construction inspection services for this \$12M Las Positas Multiuse Bike Path project. Duties included field observation, quality assurance, conflict & field issue identification, daily inspection reports, SWPPP compliance monitoring, quantity verification, material & equipment verification, T&M tracking, maintain record drawings, coordination of materials testing, coordinate with environmental consultant, monthly progress report completion, and Weekly statements of working days.

**MARSH STREET BRIDGE REPLACEMENT (City of San Luis Obispo)** Chief Construction Inspector for a \$4.3M bridge replacement project that included removing and replacing a concrete bridge and roadway approaches, relocating domestic water facilities, constructing concrete channel walls utilizing rock slope protection and soldier pile wall, micropile foundation on the abutments, planting landscape materials and irrigation systems, installing storm drainage facilities, installing street lights, and protecting existing utilities.

**QUINIENTOS BRIDGE REPLACEMENT (City of Santa Barbara)** Construction Inspection on a \$3.8M project. Project included demolition of the existing bridge and reconstruction of a new structure with complete roadway rebuild leading up to the new structure. New storm drain and inlets were installed along with some water line utility rework.

**RAILROAD SAFETY TRAIL (City of San Luis Obispo)** Construction Inspection on a \$3.8M Project that included: a 525 foot, 7-span steel truss structure, and an additional 600 feet of Class 1 bicycle/pedestrian path above UPRR and SR-101. Work includes embankment construction, HMA paving, retaining walls, CIDH foundations, utility relocations, sewer, water, storm drainage facilities, polyester concrete overlay, slurry seal,

lighting, irrigation, landscaping, and striping.

**ATP CYCLE 3 FUNDED PEDESTRIAN IMPROVEMENTS (City of Guadalupe)** Construction Inspection for the \$400K construction of sidewalks and ADA curb ramps on Guadalupe Street (Highway 1) and curb ramps at the intersection of Obispo Street and 10<sup>th</sup> Street. The work included bulbouts, sidewalks, curb ramps, crosswalks, striping and markings, signs, rapid flashing beacons, and other pedestrian facilities, traffic control and stormwater pollution control programs.

**ROADWAY SEALING PROJECT 2022: (City of San Luis Obispo)** Construction Inspection for a \$1.5M roadway project that included; slurry seal laydown, striping, pavement markings and signage to areas within the City of San Luis Obispo. The project consisted of roadway sealing, AC Digouts, ADA improvement, installing speed humps, concrete bike mediums and other traffic safety delineators with the intent of enhancing safety and multi-modal transportation.

**2022 PAVEMENT REHABILITATION (City of Guadalupe)** Provided Senior Construction Inspection responsibilities for the City of Guadalupe. This project involves removing and replacing existing asphalt, lime/cement treatment of base, raising and lowering utility lids, striping and markings, and survey monuments. The work also includes traffic control, stormwater pollution control programs.

**2023 STORM DAMAGE AND CLEANUP EMERGENCY WORK (Santa Barbara County Flood Control and Water Conservation District and Water District)** Providing Construction Inspection for the 2023 Storm Damage and Cleanup Emergency Work from the January 9 rainfall. The work consisted of extra work verification, invoice review, and preparation and organization of paperwork for audit for multiple locations in the greater Santa Barbara area (Carpinteria, Montecito, Santa Barbara, and Goleta). Work completed at the locations includes debris cleanup and removal from creeks, debris basin cleanout for multiple locations including San Roque, Cold Spring, Romero, Arroyo Paredon, Gobernador, and Santa Monica, San Jose, Atascadero, Los Carneros, San Pedro, minor repairs to structures, and disposal site monitoring.

**STORM DAMAGE AND CLEANUP EMERGENCY WORK (Santa Barbara County Flood Control and Water Conservation District and Water District)** Provided Inspection and direction to Contractor for Time and Material work under the direction of the County. Work consisted of 4 miles of a 6' cut 170' wide bottom using material to build a berm on the south side of Riverbed to protect the town of Guadalupe and its Farm fields that provide curtail food for the US. Project moved over 1 million Cubic Yards of Material. Work also consisted of extra work verification, coordination between Santa Barbara County and Contractors on site, processing billing information from the Contractor and approving for payment, tracking budget as work progressed, tracking schedule as the time line was a short 6 week window for completion.

**CARPINTERIA SALT MARSH DREDGING – EMERGENCY WORK (Santa Barbara County Flood Control and Water Conservation District and Water District)** Chief Construction Inspector for the emergency dredging project at Carpinteria Salt Marsh as a result of the Thomas Fire Debris Flow under FEMA emergency declaration. The scope of work included the removal of sediment by hydraulic dredging. Dredging materials were discharged into the surf zone at the mouth of the march via a pipeline from the dredge.

**2020 WATERLINE AND VALVE REPLACEMENT (City of Lompoc)** Chief Construction Inspector for the for the City of Lompoc on waterline replacement in various alley way's upgrading main line from 4" transit to 6" C-900 DR 18 waterline. Replacing all customer services from 1" to 1.5" diameter, and valve clusters leading in and out of the alley ways. Fire Hydrant replacements were also included in the project. Hardscapes restorations were complete after install and included PPC ADA Ramps, PPC Cross Gutters, PPC Curb, PPC sidewalks and HMA patch backs on trench lines and concrete conforms.

**COMMUNITY GARDEN, SAN JOSE CREEK MULTI-PURPOSE PATH AND ARMITOS PARK IMPROVEMENTS (City of Goleta)** Provided Chief Construction Inspector responsibilities for improvements of the Community Garden, San Jose Creek Multi-Purpose Path, and Armitos Park. The improvements include clearing, grubbing, and rough grading of the full two-acre site, along with earthwork and the construction of a new community garden with raised garden beds, an outdoor classroom, an outdoor picnic area with a pizza oven; installation of new playground equipment and surfacing material; construction of Americans with Disabilities Act (ADA)-accessible walkways, ramps, and curbs; stabilized decomposed granite (DG); construction of a bike path in a riparian area along San Jose Creek; and all associated clearing, grubbing, grading, porous asphalt concrete (AC), bioretention and bioswales, concrete, drainage, fencing, signage and landscape work. These projects require close coordination with multiple landscape architects, engineers, permitting agencies, environmental consultants, and archeological monitors.

**JONNY D. WALLIS PARK SPLASH PAD AND DRAINAGE IMPROVEMENTS (City of Goleta)** Provided Chief Construction Inspector responsibilities for improvements the Jonny D. Wallis Park. Improvements included the construction of a new splash pad installation complete with a new pump house and storage building, shade structures, fencing, security lighting, and cameras. This project also involves addressing drainage issues around the park. Challenges to this project include significant public interaction given that this is an active park in a busy downtown corridor.



# DEAN JOHE, QSP, QSD, CPESC

CHIEF CONSTRUCTION  
INSPECTOR

FE

## AREAS OF EXPERTISE

- CPESC: QSP/QSD
- Certified Professional in Erosion and Sediment Control
- Hazardous Waste Training
- Radiation Training
- Asbestos Training
- Traffic Control
- Scaffold Erection
- Heavy Rigging
- Fire Watch
- American Red Cross, Certified in Adult and Child First Aid/CPR/AED
- Scissor Lift + Boom Lift Training
- Form Work + False Work
- OSHA Competent

Mr. Johe a lifelong resident of California's Central Coast, and he is a seasoned professional with over 38 years of construction industry experience. DEan is certified QSP/QSD Inspector, with a Professional Certification in Erosion and Sediment control (CPESC). Prior to Filippin Engineering, he worked for the City of Camarillo Public Works Department as a Supervising Public Works Inspector in which he supervised the Inspection of Land Development Projects and Capital Improvement Projects, also federally funded Capital Improvement Projects. He also has worked as an Underground Utility Foreman for a General Contractor, R. Burke Corporation out of San Luis Obispo, specializing in Public Works Projects. While with R. Burke he was responsible for project coordination, quality control, assistant SWPPP Manager, and supervision of construction activities on numerous Public Works projects. Dean has also held field supervision positions with several of the Nation's largest General Contractors, as well as a General Foreman/Superintendent position at Diablo Canyon Power Plant where he supervised a staff of over 120 tradesmen.

## RELEVANT PROJECT EXPERIENCE

### **BRIDGE STREET BRIDGE REPLACEMENT (City of Arroyo Grande)** Chief

Construction Inspector on a \$5.8M historic 2-span steel truss structure. A portion of the super structure was preserved and used while the sub-structure was reconstructed using CIDH foundations. Work also included the reconstruction of roadway approaches, relocating existing utilities, installing streetlights, and associated civil improvements.

### **NORTH CHORRO NEIGHBORHOOD GREENWAY (City of San Luis Obispo)**

Provided Chief Construction Inspection for the City of San Luis Obispo project which consists of providing a route that prioritizes bicycle and pedestrian travel between the Foothill Boulevard and North Chorro neighborhoods to downtown San Luis Obispo.

This project includes pedestrian transportation improvements (construction of 45 curb ramps, 375 feet of retaining walls, sidewalks, crosswalks, pedestrian lighting, and rectangular rapid flashing beacons); bicycle transportation improvements (construction of 530 feet of Class I bike path, protected bikeways, bikeway striping and pavement markings, and guide signage); roadway improvements (full-depth reconstruction, digout repairs, type II slurry seal, and pavement delineation and signage); storm drainage and sewer improvements (construction of new storm drain systems, catch basins, manholes, an energy dissipation structure, and bioretention areas, and installation of a new sewer main, laterals, and manholes); and landscape improvements.

**2022 PAVEMENT REHABILITATION (City of Guadalupe)** Provided Chief Construction Inspection responsibilities for the City of Guadalupe. This project involved removing and replacing existing asphalt, lime/cement treatment of base, raising and lowering utility lids, striping and markings, installation of handicap ramps and survey monuments. The work also includes traffic control and stormwater pollution control programs.

**ATP CYCLE 3 FUNDED PEDESTRIAN IMPROVEMENTS (City of Guadalupe)** Construction Inspection for the \$400K construction of sidewalks and ADA curb ramps on Guadalupe Street (Highway 1) and curb ramps at the intersection of Obispo Street and 10th Street. The work included bulbouts, sidewalks, curb ramps, crosswalks, striping and markings, signs, rapid flashing beacons, and other pedestrian facilities, traffic control and stormwater pollution control programs.

**MEASURE K-14 STREET REHABILITATION PROJECT (City of Grover Beach)** Assistant Resident Engineer on this \$6.3M project which provided pavement rehabilitation and repair, concrete curb, gutter, cross gutter and sidewalk work; accessibility improvements; water utility piping improvement, sewer piping improvements, service upgrades, and fire hydrant installations and relocations; and utility valve box and sewer manhole improvements.

# DEAN JOHE, QSP, QSD, CPESC

CHIEF CONSTRUCTION  
INSPECTOR

FE

**SLO MICRO SURFACING PROJECT (City of San Luis Obispo)** Assistant Resident Engineer for this roadway project which included slurry for 247 streets. Inspection was provided for the placement of micro -surfacing, calculation of all quantities, square yards, and tonnage. Inspection of street striping layout. Inspection of approved traffic control plan placed. It was managed in compliance with Caltrans LAPM. Project value \$1.26 million.

**DONLON ROAD REALIGNMENT PROJECT (County of Ventura)** Assistant Resident Engineer of a 65-foot Arch Culvert installation. This project included the placement of foundation footings, elevations and size and inspection of 125' 4x3 RCB poured in place, of a 41' 6x2 RCB poured in place and in section of 265' RCP Pipe and Catch Basins. Also involved the inspection of all subgrade excavation, base placement and HMA placement. Inspection of 525' x 13' v-swale placement and inspection of air-vac and 12" water valve relocation. Inspection new installation of new street lighting and inspection of new Road Striping. Inspection of Hydro Seeding and Jute placement. Inspection of a backflow device relocation and 2" water main placement. Inspection of 122 tons of RSP placement. Concrete Driveway Placement. Submittal Review, Quantity's for monthly pay estimate. Inspection of Traffic Control, and SWPPP. Inspection of 2000 yards of class 2 and 3 base placement and compaction. Inspection of 2100 tons of asphalt placement, compaction, and finish rolling on HWY 118, HWY 34, and New Donlon Road.

**WARD DRIVE BIKE LANE (City of Goleta)** Senior Construction Inspector providing inspection of clear and grub. Inspection of new sidewalk grading, form work and concrete pour. Inspection of DI placement. Inspection of paving asphalt sidewalks and bike lane road widening. Inspection of tree removal. Inspection of concrete driveway placement. Inspection of new striping placement. Inspection of BMP's placement.

**ARCH CULVERT BRIDGE CROSSING (Cachuma Operations and Maintenance Board)** Provided Assistant Resident Engineer duties providing inspection of excavation and rebar for foundation footings. Inspection of final pave over bridge and existing road.

**PUNTA GORDA BRIDGE REPLACEMENT (City of Santa Barbara)** Senior Construction Inspector for this critical first segment of the Punta Gorda Bridge Replacement. Project included over 300 feet of channel widening, bridge demolition, and construction of a new precast bridge deck structure supported on CIDH pile system foundation.

**ANAPAMU BRIDGE REPLACEMENT (City of Santa Barbara)** Performed construction inspection on this Anapamu Street Bridge over Old Mission Creek between San Andres Street and San Pascual Street. The replacement of the bridge consisted of removing and replacing a concrete bridge and roadway approaches; relocating domestic water facilities; constructing concrete channel walls; planting landscape materials and irrigation systems; installing storm drainage facilities; installing street lights; and protecting existing utilities.

**HOLLISTER ROAD IMPROVEMENTS (City of Goleta)** Senior Construction Inspector of dry utility's placement, inspection of grind and pave. Inspection of slurry and base placement, inspection of street light installation, and conduit placement. Inspection of curb and gutter pours and inspection of drop inlet installation pour in place.

**PANCHO ROAD WIDENING PROJECT (City of Camarillo)** Senior Construction Inspector of 12-inch pulverization of road, base and asphalt placement. Inspection of handicap ramps and side walk placement. Inspection of driveway placement concrete and asphalt. Inspection of striping of roads.

**TANK FARM AND BROAD STREET WIDENING PROJECT (City of San Luis Obispo)** Senior Construction Inspector of excavation and grading road, base and asphalt placement, sidewalk, curb and gutter, handicap ramps, signal light and electrical installation, lay out and placement of street striping, retaining wall, and rebar placement.

**ROAD RESURFACING PROJECT COUNTY ROADS (City of San Luis Obispo)** Senior Construction Inspector of calibration for Micro Surfacing Trucks. Inspection of 12 miles of Fog Sealing of asphalt berms. Inspection of 6615 tons of Slurry placement, and 2435 tons of Micro Surfacing placement. Inspection of all Traffic Control placement. Responsible for all application requirements and final pay quantities. Inspection of SWPPP and BMP's placement.

# DUSTIN SNIDER | CHIEF CONSTRUCTION INSPECTOR FE

## EDUCATION

- College of the Redwoods and Ventura College

## AREAS OF EXPERTISE

- International Code Council (ICC) Reinforced Concrete Inspector, 2008 - 2020
- International Code Council (ICC) Structural Masonry Inspector, 2007 - 2020
- American Concrete Institute (ACI) Level 1 Field Concrete Testing Technician, 2005 - 2020
- Caltrans Test Methods: 125, 216, 231, 504, 518, 523, 524, 540, 556, 557
- American Red Cross, Certified in Adult & Child First Aid/CPR/AED

Mr. Snider has 15 years of experience in Construction, Special Inspection, and Materials Testing in a variety of project settings. Prior to joining Filippin Engineering, Dustin worked with Fugro as a materials tester and construction inspector. Dustin is knowledgeable in all areas of public project construction including underground utilities, roadway and bridge construction, paving and resurfacing, reinforced concrete and masonry, grading, backfill and earth work. He has been formally trained and certified in a variety of Deputy Inspection and Special Inspection roles, and currently holds certificates as an ICC Reinforced Concrete/Structural Masonry inspector, ACI Concrete Testing Technician, and Caltrans Testing Methods. Dustin's vast project experience includes inspection of pipeline projects, structural concrete, geotechnical anchors, large grading operations, soldier pile walls, sub drain installations, drilled pier foundations, roadway, and bridge construction. His depth of experience, excellent verbal and written communication, QA/QC implementation, and strong interpretation of project plans and specifications make Dustin an effective and integral addition to the FE team.

## RELEVANT PROJECT EXPERIENCE

**MATILIJA DAM ECOSYSTEM RESTORATION AND SANTA ANA BLVD. BRIDGE REPLACEMENT (County of Ventura)** Provided Senior Construction responsibilities for this \$11.2M the Matilija Dam Ecosystem Restoration and Santa Ana Blvd Bridge Replacement project. Project responsibilities included inspection of the removal of the existing bridge and construction of the Santa Ana Boulevard Bridge over the Ventura River in Oak View, CA. Part of the project will be to remove the Matilija Dam to restore suitable habitat and improve water and sediment flows. This project included demo of an old bridge and construction of the new bridge with two large diameter CIDH piles, abutments, and roadways. Project also included improvement of sidewalks, channel embankment work, rock riprap, removal and relocation of numerous utilities,

chain link fencing and gates, rock walls, ornamental gates, retaining walls, storm drains and landscape and mitigation plantings.

**LOS POSITAS MULTITUSE PATH PROJECT (City of Santa Barbara)** Provided Senior Construction duties for \$13 Million ATP Funded multi-use pathway project that included Construction a 2.6-mile class 1, separated multi-use pathway along Modoc Road and Las Positas Road. The project work area is within an environmentally sensitive area adjacent to Arroyo Burro Creek and includes 3,500 feet of trail retaining walls, 2,150 feet of Caltrans Barrier Railing, parkway bioretention systems, and permeable trail paving.

**OLD TOWN SIDEWALK IMPROVEMENTS (City of Goleta)** Senior Construction Inspector duties for 10 new street sidewalk improvements which included sawcutting and removing asphalt pavement and base; removing concrete curb, gutter, sidewalk; constructing curb, gutter, sidewalk, curb extension and ADA access ramps; permeable pavement parking areas; paving, bio-retention LID's; drop inlet and stormwater improvements; clearing and grubbing; landscaping; installing signage, striping and pavement markings.

**PAVEMENT RESURFACING – VICTORIA RESURFACING (City of Ventura)** Providing Inspection responsibilities for pavement resurfacing of Victoria Avenue, from Ralston St. to Telephone Rd. to strengthen existing deficient pavements and extend the service life of the road. Work consisted of pavement resurfacing, Public Access and Notice, mobilization, traffic control and construction signing, Water Pollution Control, roadway preparation, surface preparation and crack treatment, Cold Milling and AC Hot Mix fill, , demolition of existing and construction of new: ADA ramps, cross gutter/spandrels and curb & gutter, pavement delineation and striping, and survey monument frame replacement and adjustment.

**OLD TOWN SIDEWALK IMPROVEMENTS (City of Goleta)** Senior Construction Inspector duties for 10 new street sidewalk improvements which included sawcutting and removing asphalt pavement and base; removing concrete curb, gutter, sidewalk; constructing curb, gutter, sidewalk, curb extension and ADA access ramps; permeable pavement parking areas; paving, bio-retention LID's; drop inlet and stormwater improvements; clearing and grubbing; landscaping; installing signage, striping and pavement markings.

**PAVEMENT RESURFACING – DEL NORTE AND OXNARD WEST AREAS (County of Ventura)** Providing Assistant Resident Engineer responsibilities for this pavement resurfacing of roads in the Del Norte and Oxnard West areas to strengthen existing deficient pavements and extend the service life of the road. Work consisted of pavement resurfacing including Type II Emulsion-Aggregate Slurry,

# DUSTIN SNIDER | CHIEF CONSTRUCTION INSPECTOR FE

Public Access and Notice, mobilization, traffic control and construction signing Water Pollution Control, roadway preparation, surface preparation and creek treatment, Cold Milling and AC Hot Mix fill, AC Dike Rehabilitation, AC Dike Seal, Shoulder backing, pavement delineation and striping, and survey monument frame replacement and adjustment.

**COMMUNITY GARDEN, SAN JOSE CREEK MULTI-PURPOSE PATH AND ARMITOS PARK IMPROVEMENTS (City of Goleta)** Provided Chief Construction Inspector responsibilities for improvements of the Community Garden, San Jose Creek Multi-Purpose Path, and Armitos Park. The improvements include clearing, grubbing, and rough grading of the full two-acre site, along with earthwork and the construction of a new community garden with raised garden beds, an outdoor classroom, an outdoor picnic area with a pizza oven; installation of new playground equipment and surfacing material; construction of Americans with Disabilities Act (ADA)-accessible walkways, ramps, and curbs; stabilized decomposed granite (DG); construction of a bike path in a riparian area along San Jose Creek; and all associated clearing, grubbing, grading, porous asphalt concrete (AC), bioretention and bioswales, concrete, drainage, fencing, signage and landscape work. These projects require close coordination with multiple landscape architects, engineers, permitting agencies, environmental consultants, and archeological monitors.

**2023 STORM DAMAGE AND CLEANUP EMERGENCY WORK (Santa Barbara County Flood Control and Water Conservation District)** Providing Construction Inspection for the 2023 Storm Damage and Cleanup Emergency Work from the January 9 rainfall. The work consisted of extra work verification, invoice review, and preparation and organization of paperwork for audit for multiple locations in the greater Santa Barbara area (Carpinteria, Montecito, Santa Barbara, and Goleta). Work completed at the locations includes debris cleanup and removal from creeks, debris basin cleanout for multiple locations including San Roque, Cold Spring, Romero, Arroyo Paredon, Gobernador, and Santa Monica, San Jose, Atascadero, Los Carneros, San Pedro, minor repairs to structures, and disposal site monitoring.

**ROMERO CREEK DEBRIS BASIN (Santa Barbara County Flood Control and Water Conservation District)** Provided Senior Construction responsibilities for the existing flood control debris basin along Romero Road. Work consisted of providing water pollution control, clearwater diversion, removal of a portion of grouted rock slope protection, excavation, placement of rock slope protection, construction of a cast-in-place outlet structure including retaining walls, grading of a new channel with ESM, and construction of new concrete access road.

**2023 LAKE PIRU FLOATING STORM DEBRIS CLEANUP PROJECT – EMERGENCY (United Water Conservation District)** Providing Construction Inspection for the 2023 Storm Damage and Cleanup Emergency Work. The work consisted Debris Removal from Lake Piru to District accepted disposal or laydown site, debris tracking and reporting, daily Inspection of all emergency work and T&M tracking.

**ANAPAMU BRIDGE REPLACEMENT (City of Santa Barbara)** Performed materials testing and inspection duties on the Anapamu Street Bridge over Old Mission Creek between San Andres Street and San Pascual Street. The replacement of the bridge consisted of removing and replacing a concrete bridge and roadway approaches; relocating domestic water facilities; constructing concrete channel walls; planting landscape materials and irrigation systems; installing storm drainage facilities; installing streetlights; and protecting existing utilities.

**COTA STREET BRIDGE REPLACEMENT (City of Santa Barbara)** Performed materials testing and inspection for this \$4.2M project which included bridge construction, CIDH piles and driven piles, flood control channel widening, diversion and dewatering of an active creek, as well as creek restoration. The bridge structure is precast I-Girder construction with cast-in-place structural deck, supported on CIP abutments with driven steel pipe pile foundation system. Extensive CIP transition walls and channel walls are a soldier-pile system supported with steel beam piles installed by CIDH methods using a hollow-stem, full-flight auger drilling operation. Flood control elements included an engineered streambed, with select graded natural rock materials, engineered placement of a rock weir structure, and Rock Slope Protection.

**LOS CARNEROS AND CALLE REAL ROUNDABOUT (City of Goleta)** Performed materials testing and inspection for the Los Carneros and Calle Real Roundabout which received award by APWA Central Coast Chapter 2012 for best project under \$5M. The project consisted of the reconstruction of an existing three-way intersection with a new roundabout including new lighting, drainage facilities, bike lanes, and landscaping improvements.



# JAVIER LICON | SENIOR CONSTRUCTION INSPECTOR

FE

## EDUCATION

- C.E.T. - Electronic Technician -1988
- Sawyer College - Computerized Office Skills - 1991

## AREAS OF EXPERTISE

- HDPE/Electrofusion Certified
- Confined Space Safety
- Trench Safety Certified
- OSHA compliant
- Traffic Control Trained
- Microsoft Office tools: Excel, Word, Powerpoint
- Procore Project Management Tools

Mr. Licon has an extensive background in public works construction and with over 21 years of experience in municipal projects including water and sewer pipelines, underground utilities, drainage, structures, roads and pavement maintenance. Javier's depth of hands-on experience and breadth of knowledge through a range of projects and roles has developed an exceptional skill set in a Senior Construction Inspector. Javier excels at understanding the construction work as well as the engineering details and design intent. He is as adept at resolving potential field conflicts as he is at communicating with designers or Agency staff. Prior to Filippin Engineering, Javier performed foreman duties on public works projects for Toro Construction, giving him very applicable work experience.

## RELEVANT PROJECT EXPERIENCE

**SANTA MONICA DEBRIS BASIN OPERATIONAL IMPROVEMENTS (Santa Barbara County Flood Control and Water Conservation District and Water District)** Assistant Construction Manager for the Santa Monica Debris Basin Improvements. Work consisted of providing water pollution control; removal of existing bridge; modifications to existing drainage facilities; new bridges; new drainage facilities; reinforced earth and sheet pile retaining walls; and roadway improvements including PCC and HMA surfacing.

**2023 STORM DAMAGE AND CLEANUP EMERGENCY WORK (Santa Barbara County Flood Control and Water Conservation District and Water District)** Providing Construction Inspection for the 2023 Storm Damage and Cleanup Emergency Work from the January 9 rainfall. The work consisted of extra work verification, invoice review, and preparation

and organization of paperwork for audit for multiple locations in the greater Santa Barbara area (Carpinteria, Montecito, Santa Barbara, and Goleta). Work completed at the locations includes debris cleanup and removal from creeks, debris basin cleanout for multiple locations including San Roque, Cold Spring, Romero, Arroyo Paredon, Gobernador, and Santa Monica, San Jose, Atascadero, Los Carneros, San Pedro, minor repairs to structures, and disposal site monitoring.

**CITYWIDE STREET IMPROVEMENTS PROJECT FY 15-16 (City of Santa Paula)** Underground utility foreman for this project which consisted of inspection for 16,550 LF of watermain reconstruction, 2,500 LF of sewer main reconstruction, the removal of 37 existing sewer manholes and replacing them with new polymer manholes, the installation of 58 access ramps and the full depth reconstruction of 708,000 SF of city roadway. The project contained work in six separate areas of the city, ranging from the downtown commercial area to residential neighborhoods that were built between the 1900s and the early 1960s.

**COMMUNITY GARDEN, SAN JOSE CREEK MULTI-PURPOSE PATH AND ARMITOS PARK IMPROVEMENTS (City of Goleta)** Provided Senior Construction Inspector responsibilities for improvements of the Community Garden, San Jose Creek Multi-Purpose Path, and Armitos Park. The improvements include clearing, grubbing, and rough grading of the full two-acre site, along with earthwork and the construction of a new community garden with raised garden beds, an outdoor classroom, an outdoor picnic area with a pizza oven; installation of new playground equipment and surfacing material; construction of Americans with Disabilities Act (ADA)-accessible walkways, ramps, and curbs; stabilized decomposed granite (DG); construction of a bike path in a riparian area along San Jose Creek; and all associated clearing, grubbing, grading, porous asphalt concrete (AC), bioretention and bioswales, concrete, drainage, fencing, signage and landscape work. These projects require close coordination with multiple landscape architects, engineers, permitting agencies, environmental consultants, and archeological monitors.

**JONNY D. WALLIS PARK SPLASH PAD AND DRAINAGE IMPROVEMENTS (City of Goleta)** Provided Senior Construction Inspector responsibilities for improvements the Jonny D. Wallis Park. Improvements included the construction of a new splash pad installation complete with a new pump house and storage building, shade structures, fencing, security lighting, and cameras. This project also involves addressing drainage issues around the park. Challenges to this project include significant public interaction given that this is an active park in a busy downtown corridor.

**FY19A WATERLINE REPLACEMENT (City of Santa Barbara)** Provided Assistant Resident Engineer duties for this \$3.4M and 3.2 miles of the new watermain replacement on approximately 20 streets. Duties also included the inspection of the new tie-ins of the new watermain on all streets, compaction testing and tie-over of the water services to the new water line after its been energized.

# JAVIER LICON | SENIOR CONSTRUCTION INSPECTOR



**FY19B WATERLINE REPLACEMENT (City of Santa Barbara)** Assistant Resident Engineer responsible for this \$4.2M and 4.0 miles of new watermain replacement on 27 city streets. Responsibilities also included the inspection of the new tie-ins of the new watermain on all streets, compaction testing and tie-over of the water services to the new water line after its been energized.

**SKYLINE RANCH DEVELOPMENT IMPROVEMENTS (Santa Clarita Valley Water Agency)** Provided Senior Construction inspection on below projects start to finish which included:

- Hydrotesting, chlorination and tie-ins
- 16-inch TRANSMISSION MAIN SIERRA HIGHWAY: 4025 LF 16-inch DIP and 86 LF-12-inch DIP
- PA-L: 2000 LF-8-inch DIP, 400 LF-6-inch DIP, 4 Fire Hydrants, 47 1-inch Water services, 3-Shear spools with air release valves.
- 20-inch NORTH OAKS TRANSMISSION MAIN: 1540 LF-20-inch DIP, 4-inch Blow-offs, 2-inch Air vacs and 20-inch BF Valves
- PA-M1: 2000 LF-8-inch DIP, Fire Hydrant, 42 1-inch Services, 2-inch Blow-offs and 1-inch air vacs

**TRACT 73858 LOT 1 WATERLINE IMPROVEMENTS (Santa Clarita Valley Water Agency)** Provided Assistant Resident Engineer duties for this project which consists of installing 6,160 LF of 6 to 12-inch ductile iron, connecting 183 water services and installing 9 fire hydrants, tying in existing watermains to new watermains and coordinating with the Water Agency for Bac-T testing, high/low chlorine testing, pressure testing and flushing velocities.

**TRI POINTE/BOUDREAU-MISSION VILLAGE F6 AND F18 (Santa Clarita Valley Water Agency)** Senior Construction Inspector fo this project which consisted of installing 1871 LF of 8-inch ductile iron water main lines, connecting 70 water services and installing 6 fire hydrants, 2 - 1-inch air vacs, and tying in existing watermains to new watermains and coordinating with the Water Agency for Bac-T testing, high/low chlorine testing, pressure testing, and flushing velocities.

**KB HOMES/STAATS MISSION VILLAGE PHASE 1 TRACT 61105-10 AREA F7 (Santa Clarita Valley Water Agency)** Senior Construction Inspector for this project which consisted of installing 1871 LF of 8-inch ductile iron watermain lines, connecting 70 water services and installing six fire hydrants, two 1-inch air vacs, and tying in existing watermains to new watermains and coordinating with the Water Agency for Bac-T testing, high/low chlorine testing, pressure testing, and flushing velocities.

**WWTP REHABILITATION (Saticoy Sanitary District)** The proposed project consisted of the installation of a reinforced concrete pad improvement under the sludge drying area containing the geotubes for the wastewater effluent and the rehabilitation of the WWTP's odor scrubbers. The project aims to reduce the cost of trucking low solids waste to a second facility, contain and reduce odors, and protect the groundwater quality.

**LINDERO CANYON SEWERLINE REPAIR (Triunfo Water and Sanitation District)** Trench to expose and remove 8' section of 8" VCP that is cracked. Cut out cracked VCP and install an 8' section of SDR35 in its place. Backfill with sand 12" above the pipe, then cement slurry to the AC base course. Base AC thickness at 1" greater than existing section within the trench. T-Cut / mill 2" depth outside of the trench for a final lift in the street that is approximately 34'x25'.

**INFRASTRUCTURE IMPROVEMENTS PROJECT FY 08-09/13-14 (Channel Islands State University)** Provided underground utility foreman responsibilities which included oversight of the installation of over 42,000 LF of hydronic steam and cooling water lines throughout Channel Islands State University. The project also consisted of Hydro-testing and tying into the hydronic planted at the university. Completion of the project involved the installation for three separate student housing developments which included: watermain, sewer, fire line, storm drain, and a sewer lift stations for university.

**INFRASTRUCTURE IMPROVEMENTS/HDPE FOR FUTURE BUILDING FY 14-15 (Cal Poly University)** Provided underground utility foreman responsibilities which involved the oversight of the installation of HDPE watermains for the California Polytechnic University. This included the installation of a watermain, sewer, and storm drain both on and off the University Campus.

**HOLLISTER ST. TORO CANYON/BELL CANYON BRIDGES FY 2018 (City of Goleta)** Fulfilled underground utility foreman duties which included the removal and replacement of the HDPE watermain on the Hollister St. Toro Canyon and Bell Canyon Bridges.

**BUENA VISTA/SAN FERNANDO RD FY 2012 (City of Burbank)** Fulfilled underground utility foreman duties which consisted of inspection of the installation of a 48-inch watermain for road expansion include jack and bore under railroad and approximately 2,500 LF watermain and valves including tie-ins.

**INFRASTRUCTURE IMPROVEMENTS/ALL CAMPUS FY 06-07 (Oxnard College)** Underground utility foreman for this project which included the installation watermain laterals, fire lines, fire hydrants, sewer mains, manholes, storm drain main and catch basins. HDPE gas line throughout entire campus in extensive renovation.

# JEFF POLIS

## SENIOR CONSTRUCTION INSPECTOR

**FE**

### AREAS OF EXPERTISE

- Caltrans Certified Test Method Procedures – 105, 125, 210, 202, 216, 217, 226, 231, 308, 309, 375, 504, 518' 523
- American Concrete Institute – Field Testing Technician Level 1
- Radioactive Materials Operator
- Microsoft Word, Excel
- Deltek
- Procore Project Manager Pro

Mr. Polis is a lifelong resident of Ventura County with over 19 years' experience in the construction industry and public works projects. Jeff has worked in the field and in the office on dozens of public works projects, such as roads, pavement maintenance, structures, bridges, multiuse paths, parks, flood control facilities, and water and sewer pipelines. Prior to joining FE, Jeff worked with Willdan Engineering as a Senior Construction Observer. His experience as both a material tester and a construction inspector representing public agencies and other clients is exceptionally useful in his roles in management and inspection of public works projects. As a Senior Construction Inspector for FE, Jeff provides inspection of new road construction, underground utilities, grading, asphalt concrete paving, concrete placement, calculation of pay quantities for process billing, processing of contract change orders and coordination with public agencies and utility companies.

### RELEVANT PROJECT EXPERIENCE

**ANNUAL RESURFACING & ANNUAL OVERLAY (City of Camarillo)** Materials testing and inspection services for Annual Slurry Seal and Overlay projects. Verification of submitted materials, scheduling sampling and testing services, tracking quantities.

**FY 20-21 VARIOUS STREET IMPROVEMENTS (City of La Puente's)** Provided lead field observer responsibilities for this project which includes the rebuilding of sidewalk, curb and gutter, as well as the grind and overlay on multiple locations across the city. Responsibilities included: verification of materials being used on site, acceptance of work quality, measuring quantities, as well as coordination with the agency and public.

**FY 21-22 – STREET IMPROVEMENTS (Westlake Village)** Provided lead field observer responsibilities – for this project which includes the rebuilding of sidewalk, curb and gutter, as well as the grind and overlay on multiple locations across the city.

**DECORATIVE BARRIER WALL (Westlake Village)** Provided lead field observer responsibilities for this project that was located between the North Bound On and Off ramps at Lindero Canyon Road. Project consisted of the removal of existing K Rails and the construction of the new decorative barrier wall. Responsibilities included verifying traffic control, tracking of quantities for removals, approving SubGrade, installation of Rebar, observing placement of forms and concrete, observation of painting and applications of protective clear coat.

**ANNUAL PAVEMENT PREPARATION AND SLURRY SEAL (City of Goleta)** Observation of materials placement, obtaining samples and performing field testing of Type 2 Slurry Seal and HMA.

**HIGHWAY 246 REHABILITATION PROJECT (Caltrans District 5/ Vali Cooper)** Provided construction materials testing and inspection for the reconstruction of Highway 246. Project scope included reducing the grade percentage for the Highway incline to comply with new Highway Standards and the installation of safe passages for wildlife crossing.

**COMMUNITY GARDEN, SAN JOSE CREEK MULTI-PURPOSE PATH AND ARMITOS PARK IMPROVEMENTS (City of Goleta)** Provided Senior Construction Inspector responsibilities for improvements of the Community Garden, San Jose Creek Multi-Purpose Path, and Armitos Park. The improvements include clearing, grubbing, and rough grading of the full two-acre site, along with earthwork and the construction of a new community garden with raised garden beds, an outdoor classroom, an outdoor picnic area with a pizza oven; installation of new playground equipment and surfacing material; construction of Americans with Disabilities Act (ADA)-accessible walkways, ramps, and curbs; stabilized decomposed granite (DG); construction of a bike path in a riparian area along San Jose Creek; and all associated clearing, grubbing, grading, porous asphalt concrete (AC), bioretention and bioswales, concrete, drainage, fencing, signage and landscape work. These projects require close coordination with multiple landscape architects, engineers, permitting agencies, environmental consultants, and archeological monitors.

**JONNY D. WALLIS PARK SPLASH PAD AND DRAINAGE IMPROVEMENTS (City of Goleta)** Provided Senior Construction Inspector responsibilities for improvements the Jonny D. Wallis Park. Improvements included the construction of a new splash pad installation complete with a new pump house and storage building, shade structures, fencing, security lighting, and cameras. This project also involves addressing drainage issues around the park. Challenges to this project include significant public interaction given that this is an active park in a busy downtown corridor.

# JEFF POLIS | SENIOR CONSTRUCTION INSPECTOR



**IRON AND MANGANESE REMOVAL PROJECT (United Water Conservation District)** Senior Construction Inspector for the construction activities for the proposed 3,500 gallon per minute (GPM) Iron and Manganese Treatment Plant. Work included the installation of piping related to well water supply, treated water, return wash water, filter drainage and waste solids; installation of two pressure filter vessels (12' diameter x 40' length) with dual media consisting of Greensand Plus and anthracite; modifications to the existing chlorine gas system, including re-purposing existing chlorinators and installing new chlorine solution pipeline to a new injection location upstream of the new filter vessels; installation of 195,000-gallon wash water recovery tank (above ground, bolted steel) and of pump stations related to return wash water, filter drain, and waste-solids disposal. Concrete masonry unit building approximately 50 feet by 18 feet for housing air scour blowers, electrical equipment, analytical instruments, and lab space and the integration of iron and manganese treatment process with existing Supervisory Control and Data Acquisition (SCADA) system.

**PARKLANDS AND DEL SOL DEVELOPMENT AT BROWN BARRANCA (City of Ventura)** Senior Construction Inspector for construction management and inspection to the City of Ventura for the project during the rough grading, installation of box culvert, underground utilities and paving.

**THE BRIDGES MASTER PLANNED COMMUNITY (Calleguas Municipal Water District)** Provided inspection for this master planned community which consists of the installation of and hydrostatic testing of domestic and reclaimed water lines, air vacs, blow offs, valves and fire hydrants and services to homes. Other underground utilities consisted of sanitary sewer and storm drain, precast boxes and outlet structures. This master planned community includes – Single Family and Multi Unit Residential Housing, Community Parks and Schools.

**ANNUAL WATERLINE IMPROVEMENT PROJECT (City of Santa Barbara)** Observation of the installation of waterline with tracer wire, along with the preparation of subgrade and bedding, and testing of Pipe Zone fill and other construction materials (Soil, Base, HMA). Pipe varied from 1" copper services - 12" C900 main line.

**REGIONAL SALINITY MANAGEMENT PIPELINE (Calleguas Municipal Water District)** Observed the installation of pipeline and performed materials testing for multiple phases of the Salinity Management Pipe Line that runs for approximately 15 miles beginning in Somis and discharging at Hueneme Beach. Pipe varied from 18" C-900 to 56" RCP.

**RIVERPARK MASTER PLANNED COMMUNITY (Shea Homes)** Provided testing and observation of a 700 acre grading and the underground utilities (domestic and reclaimed water, sewer, and storm drains) for this master planned community which included single family and multi unit residential housing, commercial developments, multiple schools and a joint use City/County Fire Station.

## WILDAN ENGINEERING – SENIOR CONSTRUCTION OBSERVER

- Monitored daily construction and evaluated project progress contract compliance and safety.
- Organized and participated in monthly on-site meetings with clientele and subcontractors.
- Conducted walk-through inspections and other scheduled inspections with contractors and developers.
- Trained construction teams on-site specific requirements, techniques and procedures.
- Coordinated utility service providers according to project schedules.
- Monitored and assess schedule performance and quality workmanship of contractors.

## FUGRO CONSULTANTS – SENIOR FIELD TECHNICIAN

- Trained new team members, daily dispatching for scheduled and unscheduled work.
- Optimized performance of equipment by calibrating new, repaired and maintained pieces.
- Oversaw 8 person team of field testing and inspection service professionals.
- Applied company safety policies consistently when performing daily tasks.
- Enhanced customer satisfaction ratings by efficiently resolving technical on-site issues.
- Took field measurements and recorded daily quantities.
- Provided materials testing and intermittent inspection for Public Works and Private projects.



# CORY CROCKER | SENIOR CONSTRUCTION INSPECTOR



## EDUCATION

- Associate of Arts in Liberal Arts, Moorpark College, 1999

## AREAS OF EXPERTISE

- Caltrans Certifications- Test methods; 105, 125, 201, 202, 205, 216, 217, 226, 227, 229, 375, 504, 518, 539, 540, 556, 557.
- ACI certifications; Concrete Lab Testing Tech 1, Concrete Strength Testing Tech 1, Concrete Field-Testing Tech 1, Aggregate Testing Level 1 and level 2.
- National Highway Institute Certifications; Plan reading Series, HMA Paving Field Inspection, PCC Paving Inspection, Base & Subbase Stabilization & Repair.
- Nuclear Density Testing Gauge certified.

Mr. Crocker brings over 20 years of Public Works Inspector experience with outstanding interpersonal skills and direct experience in construction, inspection, engineering, CMT testing, quality control/quality assurance, management, safety programs, and laboratory services/testing. Mr. Crocker's previous employment was with Willdan Engineering, where he provided Public Works Inspection for the City of Santa Paula and the City of Fillmore where he worked in various capacities as an Encroachment, Capital Improvement, Residential and Commercial tract, and Erosion/Sediment control inspector, leaving him well-versed in all facets of constructability, construction management, and inspection.

## RELEVANT PROJECT EXPERIENCE

**LAKE PIRU STORM DAMAGE CLEAN UP (Summer Construction and McNabb) (United Water Conservation District)** Senior Construction Inspector for the debris removal from Lake Piru to District accepted disposal or laydown site. Project work included the debris tracking and reporting, daily Inspection of all emergency work, and final packaging of deliverable that contained all hard copy truck tickets and a thumb drive with daily reports, Roving Monitor Spreadsheet for totals, and any T&M tracking required.

**DE LA GUERRA ST. BRIDGE (City of Santa Barbara)** Provided material sampling and testing, compaction testing of bridge abutments and wing walls throughout various phases and concrete sampling, casting of concrete test specimens and compressive strength testing of cast cylinders. This \$5.8M project consisted of removing and replacing the concrete bridge and roadway approaches, relocating utilities, constructing new concrete channel walls and sidewalks. The bridge structure consists of CIDH pile abutment foundations, along with precast prestressed concrete girders, soldier pile walls upstream and downstream in the channel, and pour in place wingwalls. Also involved was the planting of landscape materials and irrigation systems, installing storm drainage facilities and streetlights.

**QUINIENTOS ST. BRIDGE (City of Santa Barbara)** Provided material sampling and testing, compaction testing throughout various phases and concrete sampling, casting of concrete test specimens and compressive strength testing of cast cylinders. This 38-foot long and 36-foot wide bridge that crosses over the sycamore creek. The new bridge will be 50 feet long and consist of

two 12-foot lanes with 6-foot shoulders and 7-foot sidewalks on both sides of the bridge. The work will consist of removing and replacing existing concrete bridge and roadway approaches, CIDH bridge abutment piles, soldier-pile channel walls, cast-in-place concrete bridge deck, relocating domestic water facilities, constructing concrete channel walls and sidewalk, landscape and irrigation systems, tree trimming and removal, installing storm drainage facilities, installing streetlights and associated civil street improvements.

**STREET RESURFACING JOHNSON DRIVE (City of Ventura)** Provided HMA batch plant inspections, material sampling, testing and observation of placement for asphalt paving on Johnson Dr. from Bristol Rd. to 101 Fwy. This \$1.4M construction project was funded by Senate Bill No. 1. The project consisted of asphalt pavement resurfacing, concrete curb ramps, pedestrian passageways, sidewalk and driveway repair, traffic signs and striping improvements on Johnson Dr. from Bristol Rd. to U.S. 101.

**ANNUAL RESURFACING AND OVERLAY (City of Camarillo)** Provided materials sampling and testing, observation of HMA placement and field inspection for annual slurry seal and asphalt overlay. Performed HMA batch plant inspections including ARHM binder production. Annual project consisting of repair work for street subgrade issues, asphalt grind and overlay, crack seal, CIP seal and type II slurry.

**STREET RESURFACING TELEPHONE RD AND PORTOLA ROAD (City of Ventura)** Provided HMA batch plant inspection, materials sampling, testing and observation of placement for asphalt paving for various locations in project. This \$1.6M construction project consisted of asphalt pavement resurfacing, concrete curb ramps, sidewalk and driveway repair, traffic signs and striping improvements on Telephone Rd. and on Portola Rd.

# CORY CROCKER | SENIOR CONSTRUCTION INSPECTOR



**ANNUAL PAVEMENT PREP AND SLURRY SEAL (City of Goleta)** Provided HMA batch plant inspections, sampling and testing of material, observation of placement of type II slurry and asphalt overlays. Reoccurring annual project of various streets. Work included asphalt grind and overlay, crack seal, chip seal, slurry seal and other pavement preservations.

**ANNUAL RESURFACING AND OVERLAY (County of Santa Barbara Public Works)** Provided inspection coverage for large slurry seal project on various county streets off Hwy 33 and Hwy 166 in northeastern Santa Barbara County. Tasks included verification of submitted materials, tracking and measuring quantities, checking spread rates to keep slurry application within job specifications. Project included asphalt grind and overlay, crack seal, slurry, seal chip seal.

**DICKASON DR WATERLINE IMPROVEMENTS (Santa Clarita Valley Water Agency)** Senior Construction Inspector for this project that is located along Dickason Drive from Smyth Drive to Decoro Drive. The project consisted of the installation of a water line and appurtenances. The work included trenching, shoring, installation of a waterline, abandonment of an existing water line, traffic control.

**EAST AREA 1 SPORTS PARK COMPLEX (City of Santa Paula)** Provided Lead Public Works Inspector tasks for this large sports park within Harvest at Limoneira development. Inspected for installation and acceptance of reclaimed and domestic water, sanitary sewer, storm drains, a large detention basin and two smaller basins, new sidewalk/parking lots with multiple ADA ramps and walks. Assisted Building and Safety Department with inspections of footings, rebar and concrete pours. Additional tasks included the inspection of construction and installation of storm drain RCB, RCP (18-inch-to-60-inch pipe) main storm drain installs including, CDS units, headwalls/wing walls, swales and V-ditches, catch basins, and drop inlets.

**THE BRIDGES/HERITAGE GROVE (City of Fillmore)** Lead Public Works Inspector for this large master planned community of new homes in Fillmore. Tasks included but not limited to: rough/fine grading, main line wet utilities - water, sewer, storm drain main line RCB and RCP headwalls, catch basin and detention basins, sidewalk/approaches/ADA ramps and street new construction, and Certificate of Occupancy for new homes. Also worked directly and developed a working relationship with City Engineer, Developer and Contractors.

**HARVEST AT LIMONEIRA (City of Santa Paula)** Lead Public Works Inspector for this 225-acre master planned community of new homes in Santa Paula, CA. Tasks included but not limited too; rough/fine grading, main line wet utilities – reclaimed and domestic water including hydrostatic testing & chlorination, sanitary sewer including mandrelling & pressure testing, storm drain and detention basins, sidewalk/approaches/ADA ramps and new street construction, and Certificate of Occupancy for new homes. Additional tasks included the inspection of construction and installation of storm drain RCB, RCP (18-inch-to-60-inch pipe) main storm drain installs including, CDS units, headwalls/wing walls, swales and V-ditches, catch basins, and drop inlets.

**BARD LAKE RESERVOIR (Callegaus Water District)** Provided construction inspection and material testing duties for the dike erosion repair, placement of rip-rap. Inspection also included the slurring of the spillways and wing walls.

**STATE BEACHES PARKING RENOVATIONS (County of Ventura)** Provide materials sampling and testing of special high strength/high slumped and highly “retarded” (admix to slow down setting of concrete) for 100-ft caissons along shoreline

**ANACAPA MIDDLE SCHOOL SAFE ROUTES TO SCHOOL (City of Ventura)** Provided material sampling and compaction testing prior to concrete placement, sampling and field testing of concrete for various improvements followed by lab testing of field cast compressive strength samples. Provided HMA batch plant inspections and field sampling and testing of asphalt. The project consisted of roadway widening along Telegraph Rd. between Mills Rd. and Ashwood Ave. The project also includes curb extensions to provide a pedestrian school crossing with Rectangular Rapid Flashing Beacons near Anacapa Middle School and a new traffic signal installation at the intersection of College Dr. and Telegraph Rd. Along with these pedestrian and traffic control improvements, the project will provide asphalt pavement resurfacing, concrete curb ramp improvements, sidewalk and driveway repairs, traffic signs and striping.

**LIBRARY ADDITION AND RENOVATION (University of California at Santa Barbara)** Provided material sampling and testing for various concrete work throughout project. Performed casting of compressive strength cylinders, slump and air testing for randomly selected arriving loads of concrete, performed compressive strength testing of field cast cylinders. This nearly \$80M renovation project took just over two years to complete. Work consisted of seismic retrofitting of existing two-story building and eight-story tower, construction of a three-story building and new paseo walkway connecting all parts of the library to both east and west sides of campus.

# DANNY RAMOS | SENIOR CONSTRUCTION INSPECTOR



## EDUCATION

- Associates of Science, Sociology, College of the Canyons

## AREAS OF EXPERTISE

- Bilingual
- American Concrete Institute Field Technician Grade 1
- International Code Council (ICC) Reinforced Concrete Inspector
- International Code Council (ICC) Pre-Stressed Concrete Inspector
- American Concrete Institute (ACI) Level 1 Field Concrete Testing Technician, 2016 – present
- APNGA Nuclear Gauge
- Procore Project Manager Pro
- Microsoft Office Suite

Mr. Ramos has 10 years of experience in Construction, Special Inspection, and Materials Testing in a variety of project settings. Prior to joining Filippin Engineering, Danny worked with Earth Systems as a Field Technician/Special Inspector. Danny is knowledgeable in all areas of public project construction including bridge construction, paving and resurfacing, reinforced concrete and masonry, grading, backfill and earth work. He has been formally trained and certified in a variety of Deputy Inspection and Special Inspection roles, and currently holds certificates as an ICC Reinforced Concrete/Structural Masonry inspector and ACI Concrete Testing Technician. Danny's vast project experience includes inspection of structural concrete, large grading operations, soldier pile walls, drilled pier foundations, roadway, and bridge construction.

## RELEVANT PROJECT EXPERIENCE

### **MATILIJA DAM ECOSYSTEM RESTORATION – SANTA ANA BLVD. BRIDGE REPLACEMENT (County of Ventura)**

Assistant Resident Engineer for this \$11.5M project, the Matilija Dam Ecosystem Restoration/Santa Ana Blvd Bridge Replacement project. Project responsibilities included construction management and inspection during construction of the Santa Ana Boulevard Bridge over the Ventura River, channel improvements and the removal of the existing bridge in Oak View, CA. Part of the project will be to remove the Matilija Dam to restore suitable habitat and improve water and sediment flows. This project included demo of an old bridge and construction of the new bridge with two large diameter CIDH piles, abutments, and roadways. Project also included improvement of sidewalks, channel embankment work, rock riprap, removal and relocation of numerous utilities, chain link fencing and gates, rock walls, ornamental gates, retaining walls, storm drains and landscape and mitigation plantings.

### **FIVE POINT / SAM HILL - TRACT 61105-35 / PROJECT # 1001180 (Santa Clarita Valley Water Agency)**

Inspection for the 2900+ LF of 8" Ductile Iron pipe with over 90+ 1" services including gate and butterfly valves, 5 Fire Hydrants, 3 Air Vacs and 2 blowoffs. Water Agency for Bac-T testing/sampling, high/low chlorine testing, pressure testing, and flushing velocities.

**FIVE POINT / SAM HILL - TRACT 61105-31 / PROJECT # 1001159 (Santa Clarita Valley Water Agency)** Inspection for the 7900+ LF of Ductile Iron pipe ranging from 8, 12, and 16" with gate and butterfly valves including 12 Fire Hydrants and multiple Air Vac assemblies and blowoffs. Water Agency for Bac-T testing/sampling, high/low chlorine testing, pressure testing, and flushing velocities.

**TRI POINTE/BOUDREAU-MISSION VILLAGE F6 AND F18 (Santa Clarita Valley Water Agency)** Senior Construction Inspector for this project which consisted of installing 1871 LF of 8-inch ductile iron water main lines, connecting 70 water services and installing 6 fire hydrants, 2 - 1-inch air vacs, and tying in existing watermains to new watermains and coordinating with the Water Agency for Bac-T testing, high/low chlorine testing, pressure testing, and flushing velocities

**FIVE POINT / SAM HILL – MISSION VILLAGE 3B (Santa Clarita Valley Water Agency) Potable Water** - Inspected over 11,000 feet of Ductile iron pipe installation ranging from 8 to 24" for domestic water main. Inspection includes overseeing proper installation of water main pipe including; crossing/separation verifications and connecting of fittings. Over 30 fire hydrants and 20 Air Vacs with over 50 water services ranging from 1 to 4" installed, ultimately tying into existing water mains and coordinating with Santa Clarita Water Agency for Bac-T testing/sampling, high/low chlorine testing, pressure testing, and flushing velocities. Reclaim Water - Inspected over 6,500 feet of ductile iron pipe installation ranging from 12 to 24" for Reclaimed water main. Inspection includes overseeing proper installation of water main including; crossing/separation verifications, connecting of fittings. 8 2" Air vacs and 17 services/blowoffs ranging from 2 to 4" ultimately tying into existing water mains and coordinating with Santa Clarita Water Agency for pressure testing and flushing velocities.

**SANTA BARBARA CITY COLLEGE FOOTBALL FIELD (Santa Barbara City College)** Mr. Ramos involvement included overseeing the 1.7 million renovations for La Playa Stadium. Renovations included excavation of the entire football field and installation that

# DANNY RAMOS | SENIOR CONSTRUCTION INSPECTOR



included stabilization of turf field with geo grid placement and also of new storm drain, pipes, and system to improve the draining process on the new turf field.

**OXNARD FIRE ACADEMY IN CAMARILLO (City of Camarillo)** Projected consisted of overseeing additional housing and garage being built for Oxnard College Fire/Technology Academy. Inspection consisted of forming foundation which included excavation, backfilling, geo-grid installation and soil testing. Inspection of all structural steel areas and concrete sampling/testing for placement included footings, slab, walls, and columns.

**DOS PUEBLOS HIGH SCHOOL ENGINEERING ACADEMY CLASSROOMS (Santa Barbara Unified School District)** Mr. Ramos involvement was construction inspection for newly funded 16 million state of the art facilities to support world class career technical education. Inspection included overseeing foundation layout including excavation, backfilling, and compaction; also, utilities such as sewage and storm drains placement, electrical housing and conduit placement along with structural phase of concrete footings, slabs, columns, load bearing walls and decking.

**TEMECULA VALLEY HOSPITAL (Universal Health Services)** Mr. Ramos provided mechanical installation inspection, quality assurance prior to IOR's on site, maintaining project portfolios with daily reports, verifications of RFI's and assisted during OSHPD jurisdiction visits on this \$170M project which included a 5 story, 140 bed complex hospital that offers, office buildings, fitness center, cancer center, vital medicine, surgical and emergency services.

**AURORA BEHAVIOR HEALTH, 21 BED & REMODEL IN SAN DIEGO (City of San Diego)** Mr. Ramos involvement on the \$20M included inspection accuracy of product and classification, assisting IOR's in the field through Title 24 code, quality assurance during all concrete placement and aided during project close out. This project was to remodel one story 4000+ sq ft building for additional support services while updating safety for future patients that would serve as an intermediate care facility for the population of San Diego community that has increased its need for psychiatric treatment. Mr. Ramos involvement included inspection accuracy of product and classification, assisting IOR's in the field through Title 24 code, quality assurance during all concrete placement and aided during project close out.

**MUNCH CREEK/DAVY BROWN FISH PASSAGE PROJECT (Los Padres National Forest)** Mr. Ramos provided inspection of bridge placement crossings to allow a safe access road while also allowing endangered steelhead trout fish a passage through the creek; involvement included excavation, backfill, grading, compaction of soil and base, footings, wingwalls and roadwork.

## EARTH SYSTEMS-FIELD TECHNICIAN/SPECIAL INSPECTOR

- Observing and special inspecting any construction operations related to concrete, reinforcing steel, epoxy bolts and anchors
- Observing, sampling, and testing: concrete, soils and base. Nuclear testing for soils and base
- Preparing formal daily inspection reports.

## GJV GROUP INC.- FIELD TECHNICIAN/FIELD ASSISTANT

- Observing, sampling, and testing concrete.
- Maintained document control and review of RFI's and as-builts.
- Assisted in IOR's during OSHPD Jurisdiction visits.
- Assisted IOR's in the field.

## KEMCO GROUP, INC.- GENERAL MANAGER

- Inventory control and ensured accuracy of mathematical calculations and information in data base systems.
- Communicate and advise CEO of the company of purchasing options in efforts to obtain best rates to the benefit of company finances.
- Direct supervision of team members.
- Resolution of customer issues in a timely manner.



# ROBERT FUNFAR

## SENIOR CONSTRUCTION INSPECTOR

# FE

### AREAS OF EXPERTISE

- American Public Works Association Construction Inspection
- Water Distribution Operator D1
- Trenching & Excavation
- Safety and Traffic Control Plans for Work Zones
- Traffic Control-Flagging
- Respirator Fit Testing
- DMV Class A License
- Microsoft Office Suite
- Procore Project Manager Pro
- Las Virgenes Municipal Water District – Collection and Wastewater Treatment
- Sanitation Operations Consultants, Inc.
- State of California Water Distribution Grade 1 Certificate

Robert (Bob) Funfar is a lifelong resident of Ventura County and has been in the construction industry for 35 years. Bob has in-depth knowledge and experience working in sewer, water, concrete, asphalt, trenching, sub-grading and compaction projects. He also has experience with Heavy Equipment Operation, being responsible for the operation of a backhoe and dump truck during excavation and repair of water and wastewater lines. Prior to joining FE, Bob worked as a hands-on foreman and inspector with the City of Thousand Oaks. In his years with the City of Thousand Oaks, he continued to gain an intimate knowledge of general construction with an emphasis in water infrastructure. Bob was also the City of Thousand Oaks Public Relations Officer providing immediate response to all water-related emergencies. Bob has a solid background working on Public Works projects administered per the California Department of Transportation (Caltrans) methods and procedures in accordance with the Local Assistance Procedures Manual. Overseeing these projects, Bob has experience in item quantity verification, daily time sheets, problem solving issues that come up in the job setting and managing personnel to complete tasks.

### RELEVANT PROJECT EXPERIENCE

#### **LAS POSAS VALLEY AND BALCOM CANYON ROAD PAVEMENT RESURFACING (County of Ventura)**

Assistant Resident Engineer for this pavement resurfacing project which consisted of pavement resurfacing using Asphalt Concrete Hot Mix (AC) with fiber reinforcement over Asphalt Rubber Aggregate Membrane (ARAM), Type II Emulsion-Aggregate Slurry and Jointed Plain Concrete Pavement Replacement. Work also included Public Access & Notice, Mobilization, Traffic Control & Construction Signing, Water Pollution Control, Existing Utility & Roadway Facilities, Roadway Preparation, Surface Preparation & Crack Treatment, Clearing & Grubbing, Sawcut, Cold Milling (5' Wide), AC Taper with Key, AC Grinding, AC Base Repair, AC Miscellaneous Paving, AC Shoulder, PMB Shoulder Backing, Seal Coat, AC Dike Rehabilitation,

Concrete Headwalls, Culvert Replacement, Midwest Guardrail System Replacement, Traffic Loop Detector Replacement, Survey Monument Frame Replacement & Adjustment, Pavement Delineation & Striping & appurtenant work.

**ADVANCED METER INFRASTRUCTURE PROJECT (City of Oxnard / Carollo Engineering)** Provided inspection and provided in-office engineering services for the removal and replacement of 43,000 water meters ranging from ¾-inch to 10-inch automated meters.

**LENNER DEVELOPMENT (Santa Clarita Valley Water Agency)** Senior Construction Inspector for this water line project for the Santa Clarita water department. This is part of a projected fifteen- year project located in Valencia, CA for a major developer, Lenner development. This portion of the project consists of the installation of 1,371 feet of C-900 8" water line, water services, fire hydrants, gate valves in conjunction with air/vac assembly. Follow up testing is performed for bacteria, high/low chlorine as well as pressure testing when the water district has provided water to the site. Inspection also included overseeing two contractors installing dry utilities to surrounding home tracts, in order to insure there is no damage to existing water infrastructure and other utilities.

Areas included:

- **F7C** – work included the installation of 1300 LF of C-900 pipe, 8-inch PVC waterline with 90 water meters, 4 fire hydrants, 3 blow-outs valves, and 7 water valves.
- **F17** – work included the installation of 1600 LF of 8-inch ductile iron watermain line, 6 fire hydrants, 92 1-inch water services, 8 water valves, 4 blow-outs valves.
- **A6 Staats** – work included the installation of 1600 LF of C-900 plastic waterline pipe, 8 water valves and 80 1-inch water services and meters.
- **A5B Staats** - work included the installation 1000 LF of 8-inch ductile iron, 68 water services, 5 fire hydrants, 2 blow-out valves and 6 water valves,

# ROBERT FUNFAR

SENIOR CONSTRUCTION INSPECTOR

FE

**FIVE POINTS DEVELOPMENT (Santa Clarita Valley Water Agency)** Senior Construction Inspector for this water line project for the Santa Clarita water department. This is part of a projected fifteen- year project located in Valencia, CA for a major developer, Five points development. This portion of the project consists of the installation of 1,381 feet of 8" Ductile iron pipe for 92 services, 4 fire hydrants and 1 combination air/vac release system. Follow up testing will be performed for bacterial, high/low chlorine as well as pressure testing when the water district has provided water to the site. Also included was oversight of two contractors installing dry utilities to surrounding home tracts, in order to insure there is no damage to existing water infrastructure and other utilities.

**KB HOMES DOCKWEILLER TRACT 74718 (Santa Clarita Valley Water Agency)** Senior Construction Inspector 900 LF of 8-inch ductile iron, 90 1-inch water services, 3 fire hydrants, 2 blow-offs valves, grade break and pipe configurations inspections.

**METROLINK CROSSING (Santa Clarita Valley Water Agency)** Senior Construction Inspector for this project in its elementary stages. This project will include the jack and boring of 48-inch steel incasement.

## CITY OF THOUSAND OAKS - WATER DIVISION REPRESENTATIVE - 1982-2017

Overseeing and inspection of various independent contractors hired by the City of Thousand Oaks. Evaluation of work to make sure they are in compliance of safety and installation based on city and state standards.

**ERBES ROAD IMPROVEMENTS (Water Division Representative for the City of Thousand Oaks)** Inspection of the installation and construction of new water line services including hydrants and blow-offs. Worked alongside contractor and other inspectors to locate unusual and obsolete water main valves.

**SUNSET HILLS OVERPASS (Water Division Representative for the City of Thousand Oaks)** Evaluation of water line, which traveled through freeway overpass. Inspection of non-visible water line subject to earth movement and shifting.

# VINCE CRUZ

## SENIOR CONSTRUCTION INSPECTOR

**FE**

### EDUCATION

- Certificate of Achievement in Construction Technology with option of Building Inspection – Ventura College 2006

### AWARDS

- Rose Ave. and Oxnard Blvd (Highway 1), Letter of Appreciation from the Department Director and Engineering Design Manager
- Recipient of the O'Brien Award – "Service Above Self".
- First Baptist Church at Fifth St and Hobson Way – Letter of Recognition, Appreciation and Commendation from Public Works Director

### AREAS OF EXPERTISE

- American Construction Inspectors Association (ACIA) Registered Construction Inspector – RCI #5612

Mr. Cruz is a long-time Ventura County resident and construction professional with over 30 years of experience working for the City of Oxnard as a public works construction inspector. Vicente is a Registered Construction Inspector, through the American Construction Inspectors Association, where he has worked in various capacities as an Encroachment, Capital Improvement, Residential and Commercial tract, and Erosion/Sediment control Inspector, leaving him well versed in all facets of constructability, construction management, and inspection. While at City of Oxnard, Vicente also worked with the Water Department as an AWWA Distribution Operator and in the Parks Department as an equipment operator.

## RELEVANT PROJECT EXPERIENCE

**RIVERPARK PROJECT AND COLLECTION CLOSEOUT (City of Oxnard)** Senior Construction Inspection responsibilities which included the reviewing of as-builts, bond releases and acceptance of Final Acceptance for the Riverpark Project. Additionally acted as Encroachment Inspector for SCE and GAS Permit Encroachment Inspector.

**TRACT 5136 NEW HOMES DEVELOPMENT (City of Oxnard)** Senior Construction Inspector for a new housing development at the northwest corner of Ventura Rd. and Vineyard Ave. Project work included the removal of existing chemicals, grading and completion which included the final acceptance and bond release.

**CAPITAL IMPROVEMENT WOOLEY RD. RESURFACING PROJECT (City of Oxnard)** Performed Senior Construction Inspector responsibilities on this resurfacing project between Rose Ave. and Victoria Ave. The use of conventional and Rubber Asphalt helped in the successful completion this project.

**RICE AVE. AND 101 FREEWAY BRIDGE (City of Oxnard)** Lead Roadway and Underground Wet Utilities Inspector for this \$31M Public Works / Capital Improvement Overpass Project. The new bridge replaced an outdated bridge that was located on the 101 Freeway between Rose Ave and Del Norte Blvd. Project included coordination with multiple agencies including Caltrans, and the County of Ventura County. Additionally, this project included the \$550K Capital Improvement Street Department annual concrete removal and replacement program.

**CAPITAL IMPROVEMENT PROJECTS FOR SEWER, STORM DRAIN, AND TRAFFIC SIGNALS (City of Oxnard)** Performed Senior Construction Inspector responsibilities on

multiple street resurfacing areas that was within the City limits and within the neighborhood Right-of-Way limits. Project also included new development Commercial Tilt Ups and Storm Drain V Channel's. Assisted Lead Inspector at Oxnard Factory Outlets; assisted Lead Inspector with Rose Ave. and Oxnard Blvd opening, Intersection, and performed Encroachment Permit verification with Golden State Self Storage. Spudnuts Donuts, Arco Gas Station on Rose Ave. and Channel Islands.

**ROSE AVE.: 101 FREEWAY BRIDGE (City of Oxnard)** Assisted Lead Inspector on this \$500K Capital Improvement Street Department annual concrete removal and replacement program. Project included roadway, underground wet utilities, and bridge construction: falsework, rebar, concrete strength sampling, and pile driving.

**ENCROACHMENT MISCELLANEOUS PERMITS TRACT 5224 NEW DEVELOPMENT (City of Oxnard)** Assisted Lead Inspector of the new development of the Oxnard Factory Outlets. Project also included inspection of the Tri-Mark Golf Course parking lot slurry, Capital Improvement on a 27' VCP on Rose Ave., and the sewer project connection on Pleasant Valley Rd. between Rose Ave, and Bard Rd, Olds Rd./Oxnard Blvd. and Rice Ave.

## CITY OF OXNARD

1987-1990 - Water Department- AWWA Distribution Worker/Operator II: 1<sup>st</sup> Department Class A Driver. transport heavy equipment

1984-1987- Parks Department- Groundskeeper. Equipment Operator II: California Licensed Chemical Applicator

# ZACK CHARON | SENIOR CONSTRUCTION INSPECTOR

# FE

## EDUCATION

- Operating Engineers Apprenticeship Program, January 2022
- Arizona State University, Tempe AZ, Construction Management, May 2014

## AREAS OF EXPERTISE

- OSHA 10 Certified

Mr. Charon has an extensive background in public works construction and over 7 years of direct experience including water and sewer pipelines, underground utilities, drainage, structures, transportation, pavement maintenance and extensive experience in earthworks and grading. Previously employed with C.A. Rasmussen, Zach served as Operating Engineer acting as a lead man, managing a crew of equipment operators and laborers. Zach's depth of hands-on experience and breadth of knowledge through a range of projects and roles had developed a versatile skill. Zach excels at understanding the construction work as well as the engineering details and design intent. He is as adept at resolving potential field conflicts as he is at communicating with designers or Agency staff.

## RELEVANT PROJECT EXPERIENCE

**LOS POSITAS MULTITUSE PATH PROJECT (City of Santa Barbara)** Senior Construction Inspector for \$13 Million ATP Funded multi-use pathway project that included Construction a 2.6-mile class 1, separated multi-use pathway along Modoc Road and Las Positas Road. The project work area is within an environmentally sensitive area adjacent to Arroyo Burro Creek and includes 3,500 feet of trail retaining walls, 2,150 feet of Caltrans Barrier Railing, parkway bioretention systems, and permeable trail paving.

**HWY 138 FROM SR-5 TO SR-14 (Caltrans)** Assisted in cold planing of 254,000SY of damaged asphalt and repaving of 106,000TN of hot mix asphalt. The project also consisted of crack treatment, full-width segment corrections, and 2000CY of replacing asphalt concrete surfacing digouts (RACS/digouts), utility adjustments, and re-stripping.

**BROOKFIELD/PLAYA CAPITAL CENTINELA STREET WIDENING (Los Angeles City Public Works)** Assisted on construction project widening Centinela Ave between Culver Dr and Verdi St. Work adjusted adjacent properties encroaching onto city ROW. Work included extensive traffic control, surface flatwork (grading, curb and gutter, paving, sidewalk), traffic signal and street light modifications, and miscellaneous property work (fences, walls, driveways). Materials installed include 650CY of PCC and 550TN AC Paving.

**SR-5 PAVEMENT MAINTENANCE PROJECT FROM COHASSET ST UNDERCROSSING TO ROXFORD ST UNDERCROSSING (Caltrans)** Assisted on this nighttime project consisting of cold planing 197,000SY of existing asphalt on SR-5 off-ramps and on-ramps from Cohasset Street Undercrossing to Roxford St Undercrossing and replacing with 25,000TN of rubberized hot mix asphalt (RHMA); the replacement of individual concrete slabs utilizing 1000CY of rapid set concrete.

**PIER J BIKE PATH PROJECT (Port of Long Beach)** Assisted on construction project consisting of a bike and multiuse path for the city of Long Beach. Worked on the construction of retaining wall; street lighting; placement of riprap along seaside, water pipeline, sewer pipeline and manholes; storm drain pipe and manholes and catch basins; infiltration basin; PCC pavement; AC pavement; slurry seal; concrete curb and gutter, sidewalk; two observation platforms; modular restroom with foundation and electrical, water, and sewer connections; landscaping and irrigation; tree relocation and removal, SWPPP; traffic control.

**TRANSPORTATION CENTER IMPROVEMENT (City of Thousand Oaks)** Assisted in pedestrian safety and traffic congestion improvement at T.O. Transportation center. Work included construction of a 150' retaining wall, an accessible pedestrian walkway, concrete staircase, widening of bus pads, parking lot improvements, landscaping, and irrigation.

**OJAI VALLEY PAVEMENT REHAB (City of Ojai)** Assisted in construction of 35 Americans with Disabilities Act compliant curb ramps from Gridley Road to Country Club Drive. Work included demolition of existing curb and gutter, installation of CMB, installation of truncated domes, cold milling, and replacement of existing AC paving.

**VISION ZERO STATE STREET UNDERCROSSING PROJECT (City of Santa Barbara)** Assisted on ongoing project constructing improvements on State St undercrossing between Yananoli and Gutierrez Streets for the City of Santa Barbara. Aided in the demolition of existing sidewalk, curb and gutter, and bridge columns to make way for widened sidewalks to improve pedestrian and cyclist safety. Worked with traffic control crews managing pedestrian and automotive traffic around the worksite.

**STORMWATER MITIGATION SR-126 (Caltrans)** Assisted in the installation of bio strips, biofilters, and other permanent stormwater pollution prevention items along SR-126 near Santa Paula.



# ZACK CHARON | SENIOR CONSTRUCTION INSPECTOR



**LA CONCHITA EMERGENCY WORK (Caltrans)** Assisted in debris clean up and stabilization of hillside above US-101 at La Conchita. Work consisted of removing and replacing storm-damaged corrugated steel pipe, installing V-ditches, and exporting of earthen material. Final stabilization included jute netting, hydroseeding, and landscaping.

**RT 118 EMERGENCY WORK (Caltrans)** Assisted efforts of an emergency project to repair a sinkhole located on the Reseda off-ramp on the 118 WB freeway. Work was performed non-stop for over 48 hours until the ramp was opened. Work included traffic control, over-excavation of the sinkhole area, installation of CMB, repair of metal beam guardrail, QC, AC paving, and striping.

**VENTURA PARKLANDS BARRANCA HOUSING TRACT (Shea Homes)** Assisted in project construction that included the installation of an underground storm drain storage chamber system, 60" and 78" hydro gates, 60" RCP, and temporary shoring. Additionally installed 150 11'w x 8'h precast RC boxes for storm water control. Assisted in above-ground grading of housing pads, curb and gutter, and roadway on site.

**SEPULVEDA BRIDGE WIDENING (City of Manhattan Beach)** Assisted in the construction of the Sepulveda Bridge Widening Project between Rosecrans Ave and 33rd St for the City of Manhattan Beach. Project details include widening of the east side of the bridge to add an additional northbound lane. Aided in the installation of water and gas lines throughout the project bridge structure; 500' of various-sized RCP and drainage inlets. Worked with traffic control crews daily and aided in the installation of landscaping for erosion control.

**WALLIS ANNEBERG WILDLIFE BRIDGE (Caltrans)** Assisted in ongoing project constructing precast box girder bridge and abutments over US-101 in Agoura Hills for Wallis Annenberg Wildlife Crossing. Project details include extensive temporary shoring via beams and lagging, temporary girder supports, and a future living habitat on the bridge. 3000CY of structural concrete and 1.5M lbs. of reinforcing steel.

**HILLSIDE STABILIZATION PROJECT (City of Monterey Park)** Assisted in the removal and export of 30,000CY of unstable hillside, and construction of a 980' x 30' tie-back wall as permanent stabilization. Assisted in the installation of tie-back wall consisting of 80 14x159 H-piles, wood lagging, and over 200 soil nails. The final facing of the wall was finished with decorative shot-crete. Assisted in the installation of canyon drains and permeable backfill material behind soldier pile wall and embanked 50,000CY of earthen material as part of final stabilization. Further installed V-ditches and hydroseed for the city of Monterey Park.

**SIERRA HIGHWAY PEDESTRIAN BRIDGE (City of Santa Clarita)** Assisted in the installation of prefabricated steel bridge overcrossing, widening, and improvements on Sierra Highway near Golden Valley Rd. The work included over 500CY of structural concrete for retaining walls, abutments, bents, and over 160k lbs. of structural steel.

**THE CENTER AT NEEDHAM RANCH (Oltmans Construction Co.)** Assisted in multiple phases of ongoing project constructing six tilt-up warehouse buildings at Needham Ranch business park. Worked with rough grading crews excavating 4.3M cubic yards of earth; fine grade crews to provide pads for construction of industrial warehouses totaling 850,000 square feet, parking lots, bike trail, sidewalk, and associated electrical, water, and gas utilities. Additionally worked with Santa Clarita Valley Water Agency to install a 1.1M gallon water tank, booster pump station, and associated utilities.

**2023 WASTEWATER TREATMENT PLANT REHABILITATION (Saticoy Sanitary District)** Senior Construction Inspector for the rehabilitation and equipment replacement of the existing Sequencing Batch Reactors (SBR) on Tank No. 1 and Tank No. 2. Work included steel tanks having a complete interior surface cleaning, pipe cleaning, tank and pipe repairs, tank and pipe recoating, replacement of the diffuser membrane socks, replacement of the decanters, replacement of the mixers in the SBR tanks, repair of the headworks influent channel concrete, replacement of the influent sluice gate, and repair of the influent channel slide gates. Repair to tank exterior coatings is also included in areas where breakthrough corrosion was present.

## C.A. RASMUSSEN INC. – OPERATING ENGINEER

- Lead man running a 4-man crew of laborers and operating engineers,
- Proficient equipment operator with work experience in grading, asphalt paving, concrete, underground, structures work,
- Experience in grade checking, GPS (Trimble) grade checking and modeling,
- Work with quality assurance and inspection firms to meet construction standards.

# SPENCER RODRIGUEZ

## SENIOR CONSTRUCTION MANAGER

**FE**

### AREAS OF EXPERTISE

- OSHA 10 Certified
- ICC Soils Certification
- Certified Special Inspection (City of Santa Clarita)
- Asphalt Course (Asphalt Institute)

In 2017, Mr. Rodriguez enlisted in the Navy driven by a desire for something greater than himself and a profound commitment to serving his country at the highest level. Prior to deployment, he secured a coveted Navy SEAL contract, embarking on a journey that began with boot camp. Following boot camp, he underwent rigorous preparation at BUDS (Basic Underwater Demolition SEAL) prep school before diving into BUDS training in San Diego, California. Throughout this experience, he learned the importance of teamwork, leadership, and pushing personal boundaries to achieve mission success. The Navy imbued him with a profound sense of structure and discipline, shaping him into the individual he is today. Spencer's meticulous attention to detail manifests in his exceptionally thorough field observations and documentation, ensuring that potential issues with contract documents are identified

well in advance of any field complications. Additionally, he demonstrates proficiency in adhering to the Caltrans Local Agency Structures Representative Guidelines, Caltrans Construction Manual, Caltrans Local Assistance Manual, and Bridge Construction Records and Procedures Manual.

## RELEVANT PROJECT EXPERIENCE

**SAND CANYON PLAZA OFF-SITE (Santa Clarita Valley Water Agency)** Provided material testing for the new construction of 3,400 linear feet of 16-inch ductile iron water main line, installing 6 fire hydrants and 6 blow offs, and connecting 15 water services. This work also included tying-in existing watermains to new watermains and coordinating with the Water Agency for Bac-T testing, high/low chlorine testing, pressure testing, and flushing velocities.

**NEEDHAM RANCH PARKWAY (City of Santa Clarita)** As a Construction Inspector, I oversaw a major project from 2021-2022, which involved 2 miles of soil subgrade, base (CMB), base paving (3/4"), and a top layer of cap asphalt (1/2"). My responsibilities included conducting thorough testing and inspections to ensure each component met our high standards. In 2022, the project expanded to include 2 miles of sidewalk soil subgrade, where I applied my expertise in testing and inspection to guarantee the integrity and quality of the construction work. Additionally, work involved daily inspections and soils testing for all underground utilities on 10 building pads, both interior and exterior. This included ADA ramps for all buildings, as well as soil subgrade, base (CMB), base paving (3/4"), and a top layer of cap asphalt (1/2") in all parking areas.

**SCV STORAGE (City of Santa Clarita)** Provided comprehensive inspection services, including daily inspections and soils testing for all underground utilities, both interior and exterior. Inspections also covered ADA ramps for all buildings, as well as soil subgrade, base (CMB), base paving (3/4"), and a top layer of cap asphalt (1/2") in all parking areas.

## RT FRANKLIN AND ASSOCIATES – SENIOR SOILS TECHNICIAN

Daily inspections of work being performed on site to ensure it is being done in accordance with the plans provided. Throughout my employment at RT Franklin I have been a technician on a large scale grading job (250 acres) valued at \$200 million dollars, and a total of 8.5 million yards of dirt moved, from rough grade all the way to completion of the project. I have experience in inspection of underground utilities (water, storm drain, electrical, fire water, sewer), rough, finish and canyon grading, MSE Walls, roadway subgrade and paving, stability slopes, writing daily reports for work/ inspections being performed.

# CHRIS SAENZ | SENIOR CONSTRUCTION INSPECTOR



## AREAS OF EXPERTISE

- Local Assistance  
Resident Engineer  
Academy
- American Red Cross,  
Certified in Adult and  
Child First Aid/CPR/AED
- OSHA Competent  
Person
- Microsoft Office Suite
- Erosion and Sediment  
Training
- Environmental Safety
- Hazardous Waste  
Training
- Asbestos Training
- Traffic Control
- Discrimination and  
Harassment Avoidance
- Confined Space
- Trench Safety
- Bloodborne Pathogens
- Fire Extinguisher

Mr. Saenz, a Senior Inspector at Filippin Engineering's Ventura office, has extensive experience in public works and construction inspection, specializing in transportation and road projects. With over 10 years in the industry, Chris has developed a keen eye for detail and a strong commitment to ensuring compliance with federal, state, and local regulations. Prior to joining FE, he worked with the Santa Clarita Valley Water Agency where his responsibilities included inspecting water distribution systems, road construction, and traffic control measures. Chris has a proven track record of managing complex projects. Chris's background in managing cross-connection control programs and his expertise in water quality and safety standards make him an invaluable asset to Filippin Engineering and his dedication to quality and safety ensures successful project outcomes.

## SANTA CLARITA VALLEY WATER AGENCY EXPERIENCE

**SAND CANYON PUMP STATION (Santa Clarita Valley Water Agency)** Lead inspector for a 2000 gpm pump station including plans, submittal, and constructability review, overseeing soil conditions to meet proper compaction, pump can placement and backfill, pump pedestals, electrical conduit, and approximately 150ft of 16" DIP water main, concrete pours and sampling footing, foundation, retaining walls and structural. Material inspections for acceptable and approved use per plan.

### **VALLEY CENTER WATER IMPROVEMENTS (Santa Clarita Valley Water Agency)**

Lead inspector for 6 fire hydrant laterals, 2" & 1" services and a 12" fire service backflow. Review and approve the disinfection and testing plans to meet AWWA C-651

**CENTER POINT STORAGE (Santa Clarita Valley Water Agency)** Lead inspector for the abandonment and re-installation of a 6" fire hydrant and 2" water service.

**SKYLINE RANCH TANK IMPROVEMENTS (Santa Clarita Valley Water Agency)** Lead inspector for the (2) three-million-gallon tanks, final paint coatings, asphalt placement inspection, and grounding rod installation.

**VISTA CANYON RECYCLED WATER (Santa Clarita Valley Water Agency)** Lead inspector for site inspections and shutdown tests and inspect backflow assembly installation for the County and State regulations.

**WAYFAIR VISTA CYN PLANNING AREA (Santa Clarita Valley Water Agency)** Lead inspector for the grading and over-excavating near 200ft of 48" transmission line for SCVWA. This had to be performed in segments to preserve the location and avoid accidental movement of the water line.

### **Additional Responsibilities for the Santa Clarita Valley Water Agency:**

- Developed and maintained the agency's Cross Connection Control Program (CCCP) in accordance with federal, state, and local guidelines and regulations.
- Implemented and maintained a computerized cross connection control program and database to track and inspect all existing cross connections within the agency's distribution system.
- Inspected installations of both new and existing cross-connection control devices and recycled water facilities; coordinates with SCVWA operations, Department L.A. County Health, contractors and/or property owners or their representatives.
- Investigated water quality concerns where cross connection contamination is suspected.
- Inspected existing backflow assemblies ensuring compliance with current federal, state, and local regulations, codes, and ordinances.
- Kept current records of all backflow testing within agency's distribution system.
- Prepared and provided educational cross-connection control information to business owners, agencies, and residences served by agency.
- Enforced cross connection regulations in compliance with Los Angeles County Department of Health Services and State Water Resources Control Board Title 17 & 22 regulations.

# CHRIS SAENZ | SENIOR CONSTRUCTION INSPECTOR

The logo consists of the letters 'FE' in a bold, orange, sans-serif font, centered within a solid black square.

- Surveyed and inspected customer service connections for cross connections in both potable and recycled water projects.
- Issued correction notices and/or stop work notices for non-compliance with agency's CCCP and recommends solutions to correct deficiencies.
- Determined the proper level of potential cross connection risk to the potable water system; identifies deficiencies, makes, and implements corrective actions.
- Performed inspections of cell sites, new water facilities, fire flows.
- Prepared and filed applications for new recycled water service with the appropriate reviewing/granting agencies.
- Performed service shutdowns in coordination with backflow tests and/or recycled water system site inspections and pressure tests.
- Performed and/or directed the testing of backflow assemblies as required by the agency's CCCP.
- Conducted routine inspections of construction projects, inspecting materials and workmanship to ensure compliance with approved plans, and specifications; inspects conditions prior to the start of construction, during construction, and upon completion.
- Exhibited knowledge and understanding of AWWA procedures and SCVWA standards.
- Inspected various types of routine construction such as water distribution systems, water storage facilities, cell sites and other related items all at various stages of construction; ensures proper and safe road construction traffic control.
- Interpreted and understood survey data to verify vertical and horizontal alignment, location of structures, elevation of pipe, structures and other utilities.
- Observed and measured materials used in potable water and recycled water systems, underground improvements, facilities, and other agency capital projects.
- Ensured proper installation and location of valves, services, hydrants and water lines; authorizes field changes in water system designs, as necessary.
- Ensured that contractors follow safety procedures, AWWA procedures, SCVWA standards and regulations.
- Checked construction for proper alignment and grade; observes pipeline installations for proper alignment, grade, jointing, and fixtures; interprets plans and specifications; notes corrections and issues notices requiring modifications to work in progress.
- Reviewed plans and specifications of assigned project.
- Conferred with property owners regarding project schedule, hazards, and inconvenience; inspects adjacent properties for damage from construction activity.
- Monitored and reviewed dig alerts as needed; may be required to identify and mark location of agency underground facilities using plans and/or personal knowledge of area; re-marks lines when requested by contractor.
- Prepared and maintained a variety of records, logs and reports; maintains as-built notes for each set of construction plans.
- Operated and used a variety of hand tools, instruments, testing kits, pressure gauges, valve keys and related equipment.
- Established positive working relationships with representatives of community organizations, state/local agencies, agency management and staff, and the public.
- Attended variety of meetings and conferences; plans and conducts pre-construction conferences, as necessary.



# STEVE BUCKNUM | SENIOR CONSTRUCTION INSPECTOR



## AREAS OF EXPERTISE

- OSHA 10 hours
- Crew Leadership
- Materials Management
- Resource Allocation
- Construction Operation Support

Mr. Bucknum is a construction professional with 30 years of industry experience. Prior to joining Filippin Engineering, Steve worked for Souza Construction in a Superintendent and Foreman capacity on major infrastructure projects such as roads, pavement maintenance, structures, bridges, multiuse paths, parks, flood control facilities, and water and sewer pipelines. His experience as both a hands-on contractor and a construction foreman representing public agencies and other clients is exceptionally useful in his roles in management and inspection of public works projects. As a Senior Construction Inspector for FE, Steve provides inspection of new road construction, underground utilities, grading, asphalt concrete paving, concrete placement, calculation of pay quantities for process billing, processing of

contract change orders and coordination with public agencies and utility companies. Duties include construction management, inspection, plan check, value engineering, constructability review, contract and specification review and supervision of crew and subcontractor activities. He has an extensive background working on Public Works projects administered per the California Department of Transportation (Caltrans) methods and procedures, in accordance with the Local Assistance Procedures Manual. His diverse background working construction management and inspection provides him with the skillset necessary to tackle complicated and diverse project issues. His depth of experience, strong communication skills and problem-solving abilities, make him an effective and essential addition to any construction management team.

## RELEVANT PROJECT EXPERIENCE

**STATE STREET UNDERCROSSING (City of Santa Barbara)** Senior Construction Manager for this project which is located in downtown Santa Barbara on the iconic State Street roadway that connects downtown Santa Barbara with the Waterfront. The project is which is partially located in the Caltrans Right-of-way, is both a major facelift and includes many safety features to appropriately rebalance space for vehicles, pedestrians, and cyclists through the undercrossing between Yanonali and Gutierrez Streets. Work generally includes widening sidewalks (Both on Slab and Raised on Slab) on both sides of the street, increasing bike lanes widths and adding 2-3 foot protected buffers, new pedestrian lighting and railing for safety and decorative tile columns for aesthetics. This project also includes the installation of a large SiteSaver System to improve storm water quality and debris from the storm drain system.

**MARSH STREET BRIDGE REPLACEMENT (City of San Luis Obispo)** Superintendent for a \$4.3M bridge replacement project that included removing and replacing a concrete bridge and roadway approaches, relocating domestic water facilities, constructing concrete channel walls utilizing rock slope protection and soldier pile wall, micropile foundation on the abutments, planting landscape materials and irrigation systems, installing storm drainage facilities, installing street lights, and protecting existing utilities.

**2022 F-14 PAVING (City of Atascadero)** Superintendent for this \$2.8M project inspecting the pavement rehabilitation of approximately 3.3 miles of roadway. Work included full reconstruction and overlay and minor drainage improvements.

**2022 PAVEMENT REHABILITATION (City of Guadalupe)** Provided Superintendent responsibilities for the City of Guadalupe. This project involves removing and replacing existing asphalt, lime/cement treatment of base, raising and lowering utility lids, striping and markings, and survey monuments. The work also included traffic control, stormwater pollution control programs.

**2023 STORM DAMAGE AND CLEANUP EMERGENCY WORK (Santa Barbara County Flood Control and Water Conservation District and Water District)** Provided Inspection and direction to Contractor for Time and Material work under the direction of the County. Work consisted of 4 miles of a 6' cut 170' wide bottom using material to build a berm on the south side of Riverbed to protect the town of Guadalupe and its Farm fields that provide curtail food for the US. Project moved over 1 million Cubic Yards of Material. Work also consisted of extra work verification, coordination between Santa Barbara County and Contractors on site, processing billing information from the Contractor and approving for payment, tracking budget as work progressed, tracking schedule as the time line was a short 6 week window for completion.

**2023 EMERGENCY WORK (Santa Barbara County Public Works)** Santa Rosa Road and Jalama Road. In response to the Proclamation of Local Emergency issued on January 9, 2023, with the excessive rainfall that overwhelmed and allowed sediment to fill uphill ditch. This allowed water to flow across the road for a long stretch and over the shoulder causing a 230' slip out. Project work included the removal of asphalt necessary to bench embankment. Excavate benches for backfill. Import borrow and place per Geotech recommendations. Place A and B HMA, shoulder backing and hydroseed.

# STEVE BUCKNUM | SENIOR CONSTRUCTION INSPECTOR



**SANTA MARIA RIVER PILOT CHANNEL (Santa Barbara County Public Works)** Senior Construction Inspector was this project which included the excavation and removal of soil and vegetation within the Santa Maria bed, across easements owned by the District. The project will promote improved natural conveyance of water through the center of the river channel.

**MISC DEBRIS BASIN CLEANOUT (Santa Barbara County Public Works)** – Orcutt-Solomon Creek, Rodeo-San Pasquel and San Miguelito Debris Basin work consisted of emergency removal, hauling and disposal of silt, sand, gravel, cobble and natural woody material from the debris basin to its cleanout plan limits. For the Orcutt-Solomon Creek and Rodeo-San Pasquel approximately 16,000 cubic yards were removed and approximately 40,000 cubic yards were removed for the San Miguelito Debris Basin.

**HIGHWAY 101 MEDIAN BARRIER IMPROVEMENTS (City of Paso Robles)** Caltrans - Provided Foreman Superintendent project which included the installation of a new mile long concrete median along the southbound lanes of highway 101. Work began on the south of the Spring Street bridge and also included the installation and improvements of area storm drains.

**MEASURE K-14 STREET REHABILITATION PROJECT (City of Grover Beach)** Foreman Superintendent on this \$6.3M project which provided pavement rehabilitation and repair, concrete curb, gutter, cross gutter and sidewalk work; accessibility improvements; water utility piping improvement, sewer piping improvements, service upgrades, and fire hydrant installations and relocations; and utility valve box and sewer manhole improvements.

**COMMUNITY GARDEN, SAN JOSE CREEK MULTI-PURPOSE PATH AND ARMITOS PARK IMPROVEMENTS (City of Goleta)** Provided Senior Construction Inspector responsibilities for improvements of the Community Garden, San Jose Creek Multi-Purpose Path, and Armitos Park. The improvements include clearing, grubbing, and rough grading of the full two-acre site, along with earthwork and the construction of a new community garden with raised garden beds, an outdoor classroom, an outdoor picnic area with a pizza oven; installation of new playground equipment and surfacing material; construction of Americans with Disabilities Act (ADA)-accessible walkways, ramps, and curbs; stabilized decomposed granite (DG); construction of a bike path in a riparian area along San Jose Creek; and all associated clearing, grubbing, grading, porous asphalt concrete (AC), bioretention and bioswales, concrete, drainage, fencing, signage and landscape work. These projects require close coordination with multiple landscape architects, engineers, permitting agencies, environmental consultants, and archeological monitors.

**JONNY D. WALLIS PARK SPLASH PAD AND DRAINAGE IMPROVEMENTS (City of Goleta)** Provided Senior Construction Inspector responsibilities for improvements the Jonny D. Wallis Park. Improvements included the construction of a new splash pad installation complete with a new pump house and storage building, shade structures, fencing, security lighting, and cameras. This project also involves addressing drainage issues around the park. Challenges to this project include significant public interaction given that this is an active park in a busy downtown corridor.

**LAS VEGAS SAN PEDRO CREEKS CAPACITY IMPROVEMENT PROJECT (Santa Barbara County Flood Control & Water Conservation District)** Foreman Superintendent of a \$1.4 Million County Flood Control District project which included all construction management, observation, and coordination with Flood Control staff. The project includes creek channel widening for both Las Vegas and San Pedro Creeks to improve flow capacity and the construction of an 840' channel floodwall and channel protection in San Pedro Creek to increasing the hydraulic capacity of the two creeks from a 10-year to a 25-year storm water event. Construction management effort includes coordination with adjacent Caltrans US 101 Drainage Improvement project and Union Pacific Railroad (UPRR). Portion of work is being performed in Caltrans Right-of-Way under a Caltrans encroachment permit.

**SAN PEDRO TRANSITION STRUCTURE PROJECT (Santa Barbara County Flood Control & Water Conservation District)** Provided Foreman Superintendent duties on this \$665K project occurred in and along San Pedro Creek banks upstream of Calle Real, in the City of Goleta, within permanent Flood Control District. Work included providing water pollution control; traffic control; removal of existing reinforced concrete channel; temporary shoring; structural excavation and backfill; slope paving; structural concrete; rock slope protection; masonry wall; protection of existing facilities and utilities.

## SOUZA CONSTRUCTION – SUPERINTENDENT/FOREMAN – APRIL 2015 – MAY 2023

- Delegated responsibilities to crew members and contractors based on project requirements.
- Supervised crew and subcontractors' performance and provided consistent feedback.
- Promoted worksite safety and adherence to OSHA protocols.

**RON FARIA****SENIOR CONSTRUCTION INSPECTOR****FE****AREAS OF EXPERTISE**

- Certified Public Infrastructure Inspector (CPII)
- Local Assistance Resident Engineer Academy
- American Red Cross, Certified in Adult and Child First Aid/CPR/AED
- OSHA Competent Person
- Erosion and Sediment Training
- Environmental Safety
- Hazardous Waste Training
- Asbestos Training
- Traffic Control
- Discrimination and Harassment Avoidance
- Confined Space
- Trench Safety
- Bloodborne Pathogens
- Fire Extinguisher

Mr. Faria is a long-time Central Coast resident and construction professional with over 3 decades of experience working for the City of San Luis Obispo as a public works inspector. Ron is a Certified Public Infrastructure Inspector where he has worked in various capacities as an Encroachment, Capital Improvement, Residential and Commercial tract, and Erosion/Sediment control Inspector, leaving him well versed in all facets of constructability, construction management, and inspection.

**RELEVANT PROJECT EXPERIENCE****SANTA LUCIA ROAD BRIDGE REPLACEMENT PROJECT (City of Atascadero)**

Senior Construction Inspector for the installation of a new \$3.6M, 73-foot-long and 36-foot-wide, single-span, cast-in-place, post-tensioned concrete slab bridge. The project also included construction and removal of a temporary one-lane bridge with reversing traffic control adjacent to the existing structure; construction of new abutments and 20 24-inch cast-in-drilled-hole (CIDH) concrete pile foundations; improvements to the channel bottom and slope embankment; 875 total feet of roadway approach improvements on Santa Lucia Road and Llano Road (including roadway and approach conforms, driveways, and guardrail); construction of a new stormwater drainage system to meet stormwater post-construction requirements; and utility relocations (water, gas, telecommunications, and power).

**VIA AVENUE BRIDGE REPLACEMENT PROJECT (City of Atascadero)**

Senior Construction Inspector for the installation of a new \$3.2M, 74-foot-long and 50-foot-wide, single-span, cast-in-place, post-tensioned concrete slab bridge. The project also included construction of new abutments and 30 24-inch CIDH concrete pile foundations; improvements to the channel bottom and slope embankment; 350 total feet of roadway approach improvements on Via Avenue (including roadway and approach conforms, driveways, sidewalk, curb and gutter, and guardrail); construction of a new stormwater drainage system to meet stormwater post-construction requirements; and utility relocations (water, gas, and telecommunications).

**2022 F-14 PAVING (City of Atascadero)**

Senior Construction inspector for this \$2.8M project inspecting the pavement rehabilitation of approximately 3.3 miles of roadway. Work included full reconstruction and overlay and minor drainage improvements.

**2022 PAVEMENT REHABILITATION (City of Guadalupe)** Provided Senior Construction Inspection responsibilities for the City of Guadalupe. This project involves removing and replacing existing asphalt, lime/cement treatment of base, raising and lowering utility lids, striping and markings, and survey monuments. The work also included traffic control, stormwater pollution control programs.

**ATP CYCLE 3 FUNDED PEDESTRIAN IMPROVEMENTS (City of Guadalupe)** Construction Inspection for the construction of sidewalks and ADA curb ramps on Guadalupe Street (Highway 1) and curb ramps at the intersection of Obispo Street and 10<sup>th</sup> Street. The work included bulbouts, sidewalks, curb ramps, crosswalks, striping and markings, signs, rapid flashing beacons, and other pedestrian facilities, traffic control and stormwater pollution control programs.

**BLOSSER ROAD WIDENING PROJECT (City of Santa Maria)** Provided construction inspection for the \$675K North Blosser Road Improvement Project which included the inspection of new roadway medians, landscaping, irrigation, signage, striping and bikeway improvements.

**LOWER MISSION CREEK FLOOD CONTROL PROJECT REACH 2B, PHASE 2, AND REACH 3 (Santa Barbara County Flood Control & Water Conservation District)** Senior Construction Inspector of a \$10M County Flood Control District project which included all construction management, inspection, and coordination with Flood Control staff. The project includes providing water pollution control; traffic control; temporary shoring; removal of existing drainage and parking lot improvements; channel excavation; disposal of contaminated soil and groundwater; construction of a reinforced concrete weir structure and by-pass channel; construction of approximately 200 linear feet of CIDH Secant Pile wall system with architectural treatment; installation of Rock Slope Protection, fabrication and installation of by-pass channel metal debris rack; installation of fencing and railing; construction of new drainage facilities and parking lot improvement and Native Plant Restoration.

# RON FARIA | SENIOR CONSTRUCTION INSPECTOR



**TRAFFIC WAY SEWER MAIN (City of Atascadero)** Senior Construction inspector for this \$3.3M project which included the installation of approximately 5,500 linear feet of new sanitary sewer, ranging in size from 8 to 21 inches in diameter, within the public right of way of Traffic Way, and on properties owned by the City of Atascadero including the Lift Station No. 6 site, and the Colony Park Community Center. The project also includes abandonment of existing sewers and partial resurfacing of paved roads along the project alignment.

**1510 MOUNTAIN DRIVE SEWER MAIN EXTENSION (Montecito Sanitary District)** Provided Senior Construction Inspection responsibilities for the Montecito Sanitary District. This project consisted of construction of approximately 256 feet of 8-in diameter PVC sewer mainline, service laterals, manholes, and cleanouts. Along with construction of approximately 178 feet of 4-in diameter PVC sewer lateral extensions.

**SKYLINE RANCH DEVELOPMENT IMPROVEMENTS (Santa Clarita Valley Water Agency)** Provided Senior Construction Inspection on below projects start to finish which included: hydrotesting, chlorination and tie-ins.

- 16" Transmission Main Sierra Highway: 4025 LF-16" DIP and 86 LF-12" DIP
- PA-L: 2000 LF-8" DIP, 400 LF-6" DIP, 4 Fire Hydrants, 47-1" Water services, 3-Shear spools with air release valves.
- 20" NORTH OAKS TRANSMISSION MAIN: 1540 LF-20" DIP, 4" Blow-offs, 2" Air vacs and 20" BF Valves
- PA-M1: 2000 LF-8" DIP, Fire Hydrant, 42-1" Services, 2" Blow-offs and 1" air vacs

## CITY OF SAN LUIS OBISPO PROJECT EXPERIENCE

**ENCROACHMENT PERMITS (City of San Luis Obispo)** Provided inspection duties for routine construction projects, materials, and conformance to plans, specifications, contract requirements within the City of San Luis Obispo's right-of-way. Inspect the construction of a variety of public works and private improvement projects including roads, drainage, grading, water and wastewater pipelines and treatment facilities, tanks parks and landscaping, bike paths, bridges, environmental mitigation, traffic signals and other civil engineering projects while explaining City standards to both contractors and citizens.

**TRACTS AND SUBDIVISIONS (City of San Luis Obispo)** Administered and oversaw work of consultant contracts or service contracts, monitoring costs, work product and deadlines, and authorize payments on services and construction. Public Works Inspector for all phases of tract improvements including: Constructability reviews, rough grading and compaction, sanitary and storm drain sewers, manholes, drain inlets, bio-retention basins and swales, water mainlines, hydrants, air/vacuum assemblies, dry utilities, streetlights, curb, gutters, sidewalks, driveways and roundabouts. Installation of road base and asphalt paving and warranty inspections for bond releases.

**CAPITAL IMPROVEMENT PROJECTS (City of San Luis Obispo)** Performed management and inspection tasks on the City of San Luis Obispo's Capital Improvement Projects which included storm drain, sewer, water, transportation, concrete improvements, traffic signal installation, wastewater, and pavement repair.

### JOB ORDER CONTRACT PROJECTS:

Facilitated and inspected various Job Order Contract assignments including design using the Job Order Contract program, processing task orders, overseeing and inspecting the project, taking final measurements, and processing pay estimates.



# TUCKER RUBLE | SENIOR CONSTRUCTION INSPECTOR



## EDUCATION

- **The Citadel – The Military College of South Carolina**, Bachelor of Arts in Political Science/Pre-Law (Magna Cum Laude), Charleston, South Carolina, December 2019
- **Air Force Institute of Technology**/Certificates, May 2023
  - Project Management Course
  - Introduction to Project Management Course
  - Lifecycle Cost Estimating Course
  - Introduction to Cost Estimating Course

## AREAS OF EXPERTISE

- 30-hour Outreach Training for Construction -OSHA
- 40-hour EM 385-1-1 Safety and Health - USACE
- Construction Quality Control for Contractors – USACE
- Fall Protection 24-hour Competent Person for EM 385-1-1 – USACE
- Lane Closure Systems – Caltrans
- Heartsaver, Certified in Adult First Aid/CPR/AED

Mr. Ruble is a dedicated Project Manager with a proven track record of delivering results in the military and civilian sectors. Skilled in contract negotiation, stakeholder management, and project execution. Offers a disciplined approach to project management that ensures optimal outcomes in diverse environments.

## RELEVANT PROJECT EXPERIENCE

### **NORTH CHORRO NEIGHBORHOOD GREENWAY (City of San Luis Obispo)**

Provided Senior Construction Inspection for the City of San Luis Obispo project which consists of providing a route that prioritizes bicycle and pedestrian travel between the Foothill Boulevard and North Chorro neighborhoods to downtown San Luis Obispo. This project includes pedestrian transportation improvements (construction of 45 curb ramps, 375 feet of retaining walls, sidewalks, crosswalks, pedestrian lighting, and rectangular rapid flashing beacons); bicycle transportation improvements (construction of 530 feet of Class I bike path, protected bikeways, bikeway striping and pavement markings, and guide signage); roadway improvements (full-depth reconstruction, digout repairs, type II slurry seal, and pavement delineation and signage); storm drainage and sewer improvements (construction of new storm drain systems, catch basins, manholes, an energy dissipation structure, and bioretention areas, and installation of a new sewer main, laterals, and manholes); and landscape improvements.

**SPOT AIR & MOTOR CONTROLS CENTER REPLACEMENT (USACE / National Reconnaissance Office, VSFb)** Performed project management and onsite quality control/ site safety & health officer duties for a \$1.5M spot air replacement. Required the demolition and removal of the non-functioning unit in pieces including all wet supply lines, ducts, controls and electrical components. Critical lift required to place a new unit. Material and equipment verification required. Testing and verification required. Daily man hour reports and narratives required.

**RENOVATION OF ENTRY CONTROL FACILITIES (30th Security Forces Squadron, VSFb)** Project manager for the \$1.1M complete remodel of four entry control facilities which house security personnel. Replacement of bullet proof glass and accessories included. Material and equipment verification required. Traffic control plan required. Critical communication lines required to remain online throughout the project due to base anti-terrorism requirements.

**CONVERSION OF OFFICE SPACE INTO WAREHOUSE (National Geospatial Intelligence Agency, VSFb)** Project manager for \$250,000 office conversion into a secure warehouse for survey equipment. Included the installation of a loading bay and accompanying driveway. Also required two survey pedestals be installed at 10' below grade. Dig permit and flagging required. Fabricated material inspection required.

**FIRE ALARM MASS NOTIFICATION REPLACEMENT (532nd Training Squadron, VSFb)** Onsite quality control/site safety & health officer for the \$480,000 replacement of the training facilities mass notification system. Required installation of new sub-panel, new conduit runs, new strobes/speakers and controllers. Material verification required. Fall protection plan required. Daily man hour reports and narratives required.

**ROOFTOP AIR HANDLER REPLACEMENT (Training Device Design and Engineering Center, VSFb)** Onsite quality control/site safety & health officer for the \$340,000 replacement of three rooftop air handlers and exhaust units. A fall protection plan required as well as a standard lift plan. FAA approval required due to proximity of lift to the airfield.

### **REPLACE 12kV DISTRIBUTION LINE A5**

Contracting Officer for the \$12M effort to replace overhead distribution line A5. Agreement with Union Pacific Railroad required due to proximity to tracks. Required specific scheduling due to bird nesting season as well as the movement of some poles away from wet-land areas.

# TUCKER RUBLE | SENIOR CONSTRUCTION INSPECTOR

**FE****REPLACE 12kV DISTRIBUTION LINE C1**

Contracting Officer for a \$6.5M project replacing 63 failing wood poles with concrete ones. Scheduling to avoid bird season required. Access to secure facilities required and additional cost absorbed for lack of access.

**REPLACE COMPUTER ROOM AIR CONDITIONING**

Contracting Officer for the \$2M project to demolish and install new chillers in support of a server room.

**OVERHAUL OF BASE TELECOMMUNICATIONS HUB**

Contracting Officer for the \$500,000 modernization of the outdated telecommunications building. A new generator was required and a dispute arose due to the contractor failing to price according to updated emission requirements. Required boring under a tank road.

**RUNWAY RUBBER REMOVAL AND RESTRIPIING**

Contracting Officer for a \$600,000 project to remove rubber and restripe the entirety of VSFB's 3-mile-long runway. Sole source award to 8(a) disadvantaged small business.

**GENERAL FACILITIES UPGRADES**

Contracting Officer responsible for the \$490,000 upgrade of restrooms at a base training facility. ADA requirements were not initially met resulting in a dispute. No additional cost absorbed.

**INSTALL NEW LIGHTING AND LARGE FAN SYSTEM**

Contracting Officer for a simple \$95K project to upgrade lighting in a storage facility and install large ceiling fans for airflow.

**REPAIR HVAC SYSTEM AT COMMUNICATIONS FACILITY**

Contracting Officer for \$2.2M repair of the failing HVAC system and additional lighting. Project was a design-bid-build and the design was flawed resulting steady delays and change orders. Lighting was eventually descoped from the project due to cost and time constraints.

**CM CONSTRUCTION SERVICES / PROJECT MANAGER****MAY 2023 - MAY 2024, LOMPOC CA**

Managed a wide variety of construction projects including renovations, modernizations, and ground up builds from inception to completion. Assisted in design development and review leading to a buildable product meeting the needs and goals of Department of Defense personnel. Developed and submitted a wide range of administrative and safety plans in accordance with installation requirements and OSHA guidelines. Performed quality control of all material and equipment to be used for construction. Scheduled crews, ensured adherence to project schedule leading to seamless workflow. Communicated effectively and negotiated equitable contract modifications in the event of changes or differing site conditions. control.

**UNITED STATES AIR FORCE / CONTRACTING OFFICER****DECEMBER 2019 - MAY 2023, LOMPOC CA**

Managed spending, timelines, and performance for a diverse construction portfolio worth ~24M. Developed statements of work in compliance with applicable unified facility codes, base requirements, laws, and regulations. Issued RFPs and evaluated proposals using lowest-price-technically-acceptable or best value factors. Negotiated directly with contractors on item prices and quantities. Responsible for determining the scope of projects during disputes utilizing case law and the federal acquisition regulation. During the construction effort routine site inspections and audits guaranteeing contractor personnel were eligible to work and adequately compensated.

**MIKE HOSEMAN CONTRACTORS / ASSISTANT SUPERINTENDENT****MAY 2015 - DECEMBER 2019, SANTEE SC**

Assistant superintendent for residential construction projects in the greater Santee area. Worked with clients to develop designs and plans meeting their needs. Coordinated with vendors and specialty trade contractors to ensure seamless workflow and timely project completion. Ensured safe working conditions and compliance with building codes and regulations. Communicated effectively with clients addressing inquiries and concerns guaranteeing satisfaction with the final product.

# TYLER KASUNICH | SENIOR CONSTRUCTION INSPECTOR FE

## EDUCATION

- Associate of Arts, Corporate Communication, Monterey Peninsula College, Monterey, CA, 1974
- Ongoing Courses, Agricultural Business Management, California Polytechnic State University, San Luis Obispo, CA

## AREAS OF EXPERTISE

- Nuclear Soil Gage Operation, Troxler Company
- Radiation Safety, Troxler Company
- CAL/Occupational Safety and Health Administration (OSHA) Construction and Operations Safety, 2012
- California Hazardous Materials Handling and Transport, 2010
- State of California Safe Food Handling and Storage Compliance, 2002
- Construction Observation
- Field Inspection
- Conformance and Documentation

## MEMBERSHIPS

- American Society for Testing and Materials
- California Restaurant Association
- Cal Poly Agribusiness Management Club - San Luis Obispo, Outreach and Orientation

Tyler Kasunich has over 32 years of experience in construction observation and field inspection throughout California's varied coast and foothills from Tuolumne to San Mateo County, through San Diego County. He has been certified and performed special inspections for soil compaction, asphalt sampling and testing, rock drilling, concrete inspection, erosion control monitoring, bridge retrofitting, pile driving, and many more construction operations. Tyler serves as FE's field inspector to monitor general conformance of the construction operations and to coordinate special inspections for material inspection, sampling, and testing in the field. He is familiar with the highly dynamic locations, seasonal weather, and environmental constraints affecting California's coastal environment and provides creative management planning and precise, pragmatic, construction implementation and control.

## RELEVANT PROJECT EXPERIENCE

### **EAST CLIFF DRIVE EMERGENCY REVETMENT REALIGNMENT (City of Santa Cruz)**

Provided construction observation and documentation for the emergency revetment realignment and new placement construction of 10-ton riprap armouring approximately 160 linear feet of the 45-foot-high open ocean coastal bluff adjacent to the western edge of East Cliff Drive and abutment to an existing residence, near the top of Pleasure Point. This project was within an extremely vertical coastal bluff environment and required precise timing of tidal influences and ongoing monitoring of marine weather for ocean storms and wave intrusion.

### **SAN MIGUELITO CANYON ROAD STORM DAMAGE REPAIRS (Santa Barbara County Public Works)**

Responsible for construction observation, documentation, compliance control and coordination of special inspections for three distinct roadside slip-out repairs and two extensive subterranean culvert replacements on San Miguelito Canyon Rd following severe winter rainstorm runoff damage. The project included rebuilding and/or rerouting compromised drainage channels, repairing and reconfiguring damaged overside drains, and replacing and/or installing additional overside drains. The work also required removing and retrofitting the installation of two separate 60" crossing storm drain culverts including jack & bore rotary tunnelling and constructed inlet and outlet head and wing walls, the reconstruction of affected roadway subgrade, shoulders, and protective berms, and final HMA paving of prepared roadway sections including installing asphalt curb and dikes for runoff control.

**MORRO CREEK MULTI-USE TRAIL AND BRIDGE (City of Morro Bay)** Provided construction observation and documentation for the construction of a 160-foot pedestrian and emergency vehicle bridge within the coastal zone in Morro Bay. A 2,500-foot, Class I bike path and harbor walk were constructed on either end of the bridge. Key considerations included biological and cultural resource monitoring, environmental compliance while working around sensitive dune habitats, documenting project details in accordance with federal funding requirements, field surveying, slope stability concerns, deep foundation abutments, and underground utility conflicts during abutment excavation and during crane lifting operations.

**MILAGRA CREEK OUTFALL REPAIR (City of Pacifica)** Responsible for construction observation, documentation, and compliance; coordination of special inspections; site habitat environmental monitoring and compliance; monitoring active shoreline marine influences; and project public outreach. The project included the partial demolition and repair of a marine-damaged 7.5-foot-diameter ocean outfall, including repair of the reinforced concrete pipe culvert and the addition of retrofit micropiles to extend the life of the structure as the coastal bluff retreats. Work included construction access improvements, demolition and removal of existing headwall, installation of 24 micropiles, grading of the adjacent topography, relocation of existing riprap and placement of imported 8 to 10 ton riprap, and final regrading of the existing public beach access pathway.

# TYLER KASUNICH | SENIOR CONSTRUCTION INSPECTOR

**FE**

**CENTENNIAL BRIDGE AND PLAZA (City of Atascadero)** Provided construction observation and documentation for construction of a 150-foot pedestrian bridge with deep foundations at each abutment. Work included controlling construction operations and compliance, environmental monitoring, public outreach, access to emergency service personnel, budget management, utility coordination, and field engineering.

**500 ESPLANADE AVENUE COASTAL PROTECTION ROCK REVETMENT REPAIR (City of Pacifica)** Provided construction observation and documentation for the repair of the existing failed rock revetment along the coastal bluff at 500 Esplanade Avenue in Pacifica. The project included re-grading the existing, washed-out access ramp, removing debris from infrastructure that has eroded along the bluff, cutting the native Franciscan Complex Greenstone rock formation to create a key pursuant to the engineering design, and placement of filter fabric followed by large and small rip rap. Because the project was funded with California Governor's Office of Emergency Services funds, Tyler provided construction inspection and project documentation services that satisfies the Caltrans Uniform Filing System.

**SANTA LUCIA PRESERVE, SAN CARLOS RANCH (Gross Grading Control and Testing Santa Lucia Preserve, San Carlos Ranch Development-Carmel Valley, CA)** Provided construction observation, documentation, grading control and compaction testing, for the excavation and construction of two approximately 450,000 cubic-yard subgrade fire-control reservoir installations. Work included overseeing excavation of in-place soils to design depths, verifying impervious soil condition(s) design criteria, and monitoring and compaction testing of the reengineered placement of fill soils to create the final installations.

**PILLAR POINT HARBOR, WEST TRAIL REPAIR AND LIVING SHORELINE (San Mateo Harbor District Half Moon Bay, CA)** Responsible for construction observation, documentation, and compliance; coordination of special inspections; site habitat environmental monitoring and compliance; monitoring active shoreline marine influences; management of onsite visits, public outreach, and construction liaison to city, county, and state agencies; with elevated CA Coast & environs permits. Reconstruction and repair of a 350 lf. section of Pillar Pt. Harbor emergency/utility roadway and public beach accessway adjacent to the eroded inner west shoreline of the harbor. Work included reconfiguration of the shoreline with the construction of a staged, dynamic rock revetment foundation overtopped with an elevated living shoreline sand dune installation. Additional work included the demolition, removal, and reconstruction of a deteriorated 410 linear foot in-place storm drain system serving the adjacent, hillside 12-acre United States Airforce Tracking base.

**CARDIFF LIVING SHORELINE JOINT RESTORATION (City of Encinitas; California State Parks; State Coastal Conservancy; California Coastal Conservancy; San Elijo Lagoon Conservancy)** Responsible for construction observation, documentation and compliance, coordination of special inspections, site habitat environmental monitoring and compliance, monitoring active shoreline marine influences, management of onsite visitation and public relations, and served as construction liaison to local city, county, and state public services. Provided deep excavation for, and construction of 0.5 miles of 60-70-foot-wide newly created sand dunes, founded on a placed two-ton rock revetment installation, designed to protect Cardiff State Beach and State Highway 101 from coastal flooding while providing dune habitat for native plants and animals. The project included construction of six lateral dunes entryways for beach access, Americans with Disabilities Act (ADA) dunes and beach access walkways, and a pedestrian pathway running parallel to the highway, interfacing with existing public sidewalks. The Cardiff Living Shoreline Project is a collaborative effort by California Ocean Protection Council, State Coastal Conservancy, California Coastal Conservancy, California State Parks, San Elijo Lagoon Conservancy, US Fish and Wildlife Service, San Diego Association of Governments, University of California Los Angeles, and the City of Encinitas.

**STILLWATER COVER RIPRAP INSTALLATION (Stillwater Cover-Pebble Beach, CA)** Provided construction observation and documentation for the realignment, replacement, and enhanced installation of new 5- to 10-ton riprap for the open ocean coastal bluff and access ramping fronting the Pebble Beach Club, and the Tennis Clubhouse at Stillwater Cove. This project was within an extremely vertical coastal bluff environment and required precise timing of tidal influences and ongoing monitoring of marine weather for ocean storms and wave intrusion.

**PEBBLE BEACH GOLF COURSE SEAWALL (Pebble Beach, CA)** Provided construction observation and documentation for the construction of approximately 220 linear feet of new bedrock-founded, 35-45-foot-high, 100-year seawall plus adjacent engineered wing walls and drainage, armouring the open ocean coastal bluff adjacent to the fifth hole fairway of Pebble Beach Golf Course. The project required locating, exposing, and realigning existing historic riprap in place below seasonal beach level elevations, excavating to foundation depth where necessary, and hand placing specific boulders with grouting in preparation for the new wall construction. This project required precise timing of tidal influences and ongoing monitoring of marine weather for ocean storms and wave intrusion.



# MARK WILLIAMS | SENIOR CONSTRUCTION INSPECTOR



## AREAS OF EXPERTISE

- Local Assistance  
Resident Engineer  
Academy
- American Red Cross,  
Certified in Adult and  
Child First Aid/CPR/AED
- OSHA Competent  
Person
- Microsoft Office Suite
- Erosion and Sediment  
Training
- Environmental Safety
- Hazardous Waste  
Training
- Asbestos Training
- Traffic Control
- Discrimination and  
Harassment Avoidance
- Confined Space
- Trench Safety
- Bloodborne Pathogens
- Fire Extinguisher

Mr. Williams is a long-time Central Coast resident and construction professional with over 3 decades of experience working for the City of San Luis Obispo as a public works inspector. Mark is a Certified Public Infrastructure Inspector where he has worked in various capacities as an Encroachment, Capital Improvement, Residential and Commercial tract, and Erosion/Sediment control Inspector, leaving him well versed in all facets of constructability, construction management, and inspection.

## RELEVANT PROJECT EXPERIENCE

**ROADWAY SEALING PROJECT 2020 (City of San Luis Obispo)** Engineering Inspector and Project Manager for slurry seal laydown and striping of over 19 miles of roads in the City of SLO. The project consisted of resurfacing of 82 streets, striping, and installing speed humps and other traffic safety delineators with the intent of enhancing safety and multi-modal transportation.

**DOWNTOWN PAVING PROJECT (City of San Luis Obispo)** Engineering Inspector and Project Manager for the grinding and paving of existing downtown streets. Work included the design and installation of new curb ramps and cross gutters, design and installation of new bike medians, installation new traffic signs and striping (MMA), placement of new slurry seal on existing streets, installation of new catch basins and bridge deck and approach slab repair.

**SOUTH BROAD STREET IMPROVEMENTS (City of San Luis Obispo)** Engineering Inspector and Project Manager for the South Broad Street Improvement project which included the construction of ADA curb ramps and the grind and overlay of 6" HMA reconstruction of the existing roadway.

**TERRACE HILL PRV (City of San Luis Obispo)** Engineering Inspector and Project Manager overseeing the installation of a new 8" and 12" pressure reducing system, new waterlines and electrical control panels with fiber optic cabling. Work also included the abandoning of existing 750,000-gallon water tank, street paving and slope mitigation and cable wiring fencing and sound proofing.

**DAMON GARCIA SPORTS FIELD (City of San Luis Obispo)** Provided Engineering Inspector and Project Manager responsibilities which included the relocation of existing creek and mitigation, installation of new sports lighting, irrigation system with pumps, sand media and turf and of new block buildings. Inspection also included the oversight of new parking lots, connection of the park irrigation system to reclaimed water, modifying the existing traffic signal, construction of new walkways around Park and installation of new curb & gutter frontage with new street lighting.

**SANTA ROSA SKATE PARK (City of San Luis Obispo)** Engineering Inspector for this 15,500 square-foot concrete park. The park included an outdoor amphitheater, a low impact fitness path, public art, and a streetscape plaza for spectator seating, farmer's markets, and craft fairs. Installation of new sports lighting was also included.

**SINSHEIMER PLAYGROUND (City of San Luis Obispo)** Engineering Inspector and Project Manager for this \$3M level 3 playground. Work included the excavation of the hillside to prep for the installation of play equipment including a zip line and 2 story slides, installation of decorative hillside rubber with buffing's and artificial hillside turf. Work also included the addition of curb ramps, picnic tables and installation new storm drains and watering stations

## CITY OF SAN LUIS OBISPO PROJECT EXPERIENCE

**ENCROACHMENT PERMITS (City of San Luis Obispo)** Provided inspection duties for routine construction projects, materials, and conformance to plans, specifications, contract requirements within the City of San Luis Obispo's right-of-way. Inspect the construction of a variety of public works and private improvement projects including roads, drainage, grading, water and wastewater pipelines and treatment facilities, tanks parks and landscaping, bike paths, bridges, environmental mitigation, traffic signals and other civil engineering projects while explaining City standards to both contractors and citizens. Prepare written correspondence and spreadsheets to track and maintain accurate records on project progress, work quality, labor, and equipment.

# MARK WILLIAMS | SENIOR CONSTRUCTION INSPECTOR

FE

**CAPITAL IMPROVEMENT PROJECTS (City of San Luis Obispo)** Performed management and inspection tasks on the City of San Luis Obispo's Capital Improvement Projects which included storm drain, sewer, water, transportation, concrete improvements, traffic signal installation, wastewater, and pavement repair.

**TRACTS AND SUBDIVISIONS (City of San Luis Obispo)** Administered and oversaw work of consultant contracts or service contracts, monitoring costs, work product and deadlines, and authorize payments on services and construction. Public Works Inspector for all phases of tract improvements including: Constructability reviews, rough grading and compaction, sanitary and storm drain sewers, manholes, drain inlets, bio-retention basins and swales, water mainlines, hydrants, air/vacuum assemblies, dry utilities, streetlights, curb, gutters, sidewalks, driveways and roundabouts. Installation of road base and asphalt paving and warranty inspections for bond releases.

**JOB ORDER CONTRACT PROJECTS (City of San Luis Obispo)** Facilitated and inspected various Job Order Contract assignments including design using the Job Order Contract program, processing task orders, overseeing and inspecting the project, taking final measurements, and processing pay estimates.

# BOB HYLAND | SENIOR CONSTRUCTION INSPECTOR

FE

## AREAS OF EXPERTISE

- Confined Space Certification
- Competent Persons, OSHA Certified
- Excavation, Removal and Transportation of Hazardous Fuel and Storage Tanks (2 years)
- Testing, Excavation and Cleanup of Contaminated Soil
- Blueprint Interpretation
- Laser Level Equipment

## EQUIPMENT/TOOLS

- Rollers
- Small Trenchers
- Case Angle Dozers: 350B, 450 Sheep's foot
- Case extend-a-hoes: 580, C, D, E
- Case Backhoe 680H
- Case Excavator 1080
- Caterpillar 950 Wheel Loader also 966
- Caterpillar Dozer D6D with slope board and sheep foot
- Caterpillar 12G Motor Grader, 6B Scraper
- Case Track Loaders with 4 in 1 bucket
- Earth Drill Drywell Rig (Bucket type) mounted on an international 10-wheeler frame
- Water trucks: Bobtail and Military 6x6 types
- Class 1 California Licensed (8 years): Freightliner 10-Wheeler Truck 5th Wheel, End Dump and Low Box.

Mr. Hyland is a construction professional with an extensive 35 years of progressive experience as a Heavy Equipment Operator, including over 20 years as a Foreman. Bob has an in-depth knowledge of Water Infrastructure/Distribution Systems. Prior to joining Filippin Engineering, Bob worked with the Santa Ynez River Water Conservation District ID 1 as a Maintenance Foreman. In his years at Santa Ynez River Water Conservation District ID 1 he assisted in the coordination and planning of projects for the District. Prior to Bob's time with Santa Ynez River Water Conservation District, Bob worked for Tierra as a head foreman and job foreman. Bob has a solid background working on Public Works projects administered per the California Department of Transportation (Caltrans) methods and procedures in accordance with the Local Assistance Procedures Manual.

## RELEVANT PROJECT EXPERIENCE

### ATP CYCLE 3 FUNDED PEDESTRIAN IMPROVEMENTS (City of Guadalupe)

Construction Inspection for the construction of sidewalks and ADA curb ramps on Guadalupe Street (Highway 1) and curb ramps at the intersection of Obispo Street and 10<sup>th</sup> Street. The work included bulbouts, sidewalks, curb ramps, crosswalks, striping and markings, signs, rapid flashing beacons, and other pedestrian facilities, traffic control and stormwater pollution control programs.

### ROADWAY SEALING PROJECT 2022 (CITY OF SAN LUIS OBISPO)

Construction Inspection for slurry seal laydown, striping, pavement markings and signage to areas within the City of San Luis Obispo. The project consisted of roadway sealing, AC Digouts, ADA improvement, installing speed humps, concrete bike mediums and other traffic safety delineators with the intent of enhancing safety and multi-modal transportation.

### 2020 PAVEMENT REHABILITATION PROJECT-PARKING LOT NO.2 AND CACTUS LANE IMPROVEMENT (CITY OF CARPINTERIA)

Provided intermittent inspection for this project which consisted work performed at two locations. The first location is the 2020 Pavement Rehabilitation portion consisted of removing and replacing asphalt concrete pavement; placing concrete curbs, gutters, sidewalks, curb ramps, and driveway approaches and, traffic striping. The second location is Parking Lot No. 2 and Cactus Lane Improvements portion which consisted of removing and replacing pavement, traffic signing and striping; placing curbs, gutters, sidewalks and permeable pavers; installing lighting, joint utility trench, stormwater quality and irrigation facilities, and landscaping.

### ROMERO CANYON SEWER MAIN EXTENSION (MONTECITO SANITARY DISTRICT)

Provided Construction Inspection responsibilities on the Romero Canyon Sewer Main Extension project which consisted of construction of approximately 485 feet of 8-in diameter PVC sewer mainline, along with services, manholes, and cleanouts.

### LILAC DRIVE AND OAK GROVE SEWER MAIN EXTENSION (MONTECITO SANITARY DISTRICT)

Provided Senior Construction Inspection responsibilities for the Montecito Sanitary District on the Lilac Drive and Oak Grove Sewer Main Extension project. Work included construction of sewer main, manholes, sewer laterals and cleanouts; protection of existing utilities, landscaping improvements, and irrigations system improvements

### RANDALL ROAD DEBRIS BASIN (Santa Barbara County Flood Control and Water Conservation District)

Provided intermittent inspection duties on the debris basin near Randall Road and Highway 192, on 8 acres along San Ysidro Creek that was significantly damaged during the January 9, 2018 debris flows. The project included water pollution control, demolition and removal of debris and structures, excavation, placement of various types of RSP, grading, construction of debris rack structures, constructing a new roadway section and access road, installation of fencing, and planting.

# BOB HYLAND | SENIOR CONSTRUCTION INSPECTOR



**LOMPOC WATER MAIN REPLACEMENT FY18-19 (CITY OF LOMPOC)** Senior Construction Inspector for the City of Lompoc Waterline and Valve Replacement Project, Ocean-Walnut Alley between "A" Street and "2nd" Street project which consisted of the abandonment of an existing water main. Installation of 4,100 L.F. of new 6" PVC C900 by conventional trench and pave back. Included: Pothole existing utilities; furnish and install temporary water services and bypass line; pavement saw cutting, removal and disposal; structure excavation; disposal of structure excavation (including AC pipe to be handled as hazardous asbestos material; trench shoring, sheeting, and bracing; furnish and install polyvinyl chloride (P.V.C.) C900 or ductile iron pipe (D.I.P.) waterline; furnish and install valves, fittings, thrust blocks, tracer wire, water services, fire hydrants, meter boxes and yokes; trench bedding and backfill; hydrostatic and sterilization testing; coordination, removal and replacement of existing utility vaults; removal & disposal of existing concrete, furnish and construct PCC improvements; furnish and construct hot mix asphalt trench paving and patching.

**FY 19A AND B WATERLINE REPLACEMENT (CITY OF SANTA BARBARA)** Provided construction management and inspection services for the City of Santa Barbara \$7.15M water main replacement project. Services included contractor management, quality assurance, daily inspection tasks, tracking and billing quantities, reviewing extra work ticket validation, addressing scheduling conflicts, coordination of shutdowns and tie-ins with contractor and the city. Learned City's GPS system to better assist with future asset tracking and validation process. Interacting with contractor and City personnel on daily basis to accelerate project completion and efficiency.

## **SANTA YNEZ RIVER WATER CONSERVATION DISTRICT ID 1 - 2019 – 2003**

Maintenance Foreman

- Workflow Supervision and follow through compliance
- Water System Maintenance and Repairs
- Preventative Management Programs
- Project planning and supervision

## **TIERRA CONTRACTING –GENERAL SUPERINTENDENT-1988 -2003**

Head Foreman and Job Foreman – Served as Contracted Maintenance Foreman for the Santa Ynez Water District

- Specialize in widely varying underground pipeline projects that encompass new infrastructures and the rehabilitation of existing infrastructures.
- Replace and/or install new water mains and related substructures (Sewer drains, manholes, lateral, storm drains systems etc.).
- Plan and directed phases of project management from start through completion, including compliance to specifications as required.
- Ensure an efficient, cost-productive, safe operation and highest standards of work quality.
- Job Foreman for public agencies, including the City of Santa Barbara, County of Santa Barbara, Ventura County, City of Ventura, City of Oxnard, Carpinteria Water District, Goleta Water District, Carpinteria Water District and many others.
- Contracted by Wynmark Company for the Goleta Big Box Project (Costco, Home Depot).
- Completed 80 acres of one site and off site, water, sewer and storm drain systems

## **JON'S EQUIPMENT COMPANY-1977-1988**

Heavy Equipment Operator

- Excavation project ranged from house footings to water mains, sewer mains, storm drains, septic systems, electrical underground, flood control channels French drain systems, large basements, vaults and open pits.
- Graded complete roads from clearing of all brush and debris to major cuts and fills.
- Completed over 200 septic systems in one year which often included installation of a dry well for a leach area, running up to 70 ft. deep.
- Installed complete water system for single family homes, domestic and irrigation, from well to storage tanks and booster system to distribution and landscaping of septic systems.
- Experienced in underground electrical lines, cable TV and satellite, excavated, installed and backfilled utilities, as well as graded house pads and driveways, with all the proper drainage and storm drain channels.
- Extensive related project work for subdivisions and commercial construction. Excavated all utilities, water, sewer, electrical, storm drains. Installed utilities including fire hydrants, individual water services, sewer laterals, sewer main and manholes, etc.
- Complete demolition and clean up service: residential and commercial.
- Performed full-service maintenance on Private Association Water Systems in Santa Ynez Valley.
- Excavated and removed hazardous fuel and storage tanks.



# DOUG NELMS

## SENIOR CONSTRUCTION INSPECTOR

**FE**

### AREAS OF EXPERTISE

- Certified Public Infrastructure Inspector (CPII)
- Qualified Stormwater Practitioner (QSP)
- Erosion and Sediment Training
- Environmental Safety
- Hazardous Waste Training
- Asbestos Training
- Traffic Control
- Discrimination and Harassment Avoidance
- Confined Space
- Trench Safety
- Bloodborne Pathogens
- Fire Extinguisher
- Microsoft Office Suite
- Procore Project Manager Pro

Mr. Nelms is a long-time Central Coast resident and construction professional with over 2 decades of experience working for the City of San Luis Obispo as a public works inspector. Mr. Nelms is a Certified Public Infrastructure Inspector where he has worked in various capacities as an Encroachment, Capital Improvement, Residential and Commercial tract, and Erosion/Sediment control Inspector, leaving him well versed in all facets of constructability, construction management, and inspection.

### TRANSPORTATION PROJECT EXPERIENCE

**VIA AVENUE BRIDGE REPLACEMENT (City of Atascadero)** Senior Construction Inspector for the Via Avenue Bridge Replacement Project which consists of the replacement of existing two lane bridge with a 74-foot-long & 50-foot-wide, single-span, cast-in-place, post-tensioned concrete slab with no approach slabs. The project includes construction of new abutments and thirty 24" cast-in-drilled-hole (CIDH) concrete pile foundations, improvements to the channel bottom and slope embankment, a total of 350' of roadway approach improvements on Via Avenue (including roadway and approach conforms, driveways, sidewalk, curb & gutter, and guardrail), construction of a new stormwater drainage system to meet stormwater post-construction requirements, and utility relocations.

**SANTA LUCIA ROAD BRIDGE REPLACEMENT (City of Atascadero)** Senior Construction Inspector for this project which consists of the replacement of existing two-lane bridge with a 73-foot-long & 36-foot-wide, single-span, cast-in-place, post-tensioned concrete slab with no approach slabs. The project includes construction/removal of a temporary one-lane bridge with reversing traffic control adjacent to the existing structure; construction of new abutments and twenty 24" cast-in-drilled-hole (CIDH) concrete pile foundations, improvements to the

channel bottom and slope embankment, a total of 875' of roadway approach improvements on Santa Lucia Road and Llano Road (including roadway and approach conforms, driveways, and guardrail), construction of a new stormwater drainage system to meet stormwater post-construction requirements, and utility relocations.

### CITY OF SAN LUIS OBISPO PROJECT EXPERIENCE

**FOOTHILL BRIDGE AT STENNER CREEK (City of San Luis Obispo)** Provided Inspection for the construction of a new bridge and approaching roadways including: removal of existing culverts, removal and salvaging of the existing temporary prefabricated steel bridge (installed upon existing bridge failure), temporary creek diversion and channel improvements; maintaining vehicular and pedestrian traffic throughout construction; water main relocation, and concrete curb, gutter and sidewalk construction, within the project limits of the City of San Luis Obispo. The new bridge utilized pile driven bridge abutment supports and a poured in place concrete deck with super elevation.

**BOB JONES CITY-TO-SEA TRAIL AT LOS OSOS VALLEY ROAD (City of San Luis Obispo)** Provided Inspection for construction of the expansion of the Bob Jones City-to-Sea Trail from its existing terminus at the Water Reclamation Facility, connecting to Los Osos Valley Road. The project scope included the installation of a per-fabricated bridge across Perfumo Creek on new poured in place concrete foundations, fence installation, planting of new vegetation and traffic signal modifications to the existing CalTrans signal at Los Osos Valley Road and the northbound US 101 intersection.

**EL CAPITAN BRIDGE (City of San Luis Obispo)** Provided Inspection for the removal of existing bridge and footings and the installation of a new prefabricated steel bridge utilizing the existing abutments.

**MEADOW PARK PEDESTRIAN BRIDGES (City of San Luis Obispo)** Provided Inspection for the removal of two (2) existing wood bridges and their abutments, installation of new concrete abutments, installation of two (2) new prefabricated steel bridges with poured in place concrete decks, and installation of approaching asphalt and concrete approaches.

**STREET RECONSTRUCTION AND RESURFACING PROJECT SUMMER 2005 (City of San Luis Obispo)** Provided Inspection for complete street base repairs, street reconstruction and street resurfacing including installation of drainage facilities.

# DOUG NELMS

## SENIOR CONSTRUCTION INSPECTOR

The logo consists of the letters 'FE' in a bold, orange, sans-serif font, positioned inside a black square.

**WATER, SEWER, STORM DRAIN IMPROVEMENT PROJECT (City of San Luis Obispo)** Replacement of water and sewer pipelines and installation of new storm drain on downtown streets of San Luis Obispo City.

**ENCROACHMENT PERMITS (City of San Luis Obispo)** Provided inspection duties for routine construction projects, materials, and conformance to plans, specifications, contract requirements within the City of San Luis Obispo's right-of-way. Inspect the construction of a variety of public works and private improvement projects including roads, drainage, grading, water and wastewater pipelines and treatment facilities, tanks parks and landscaping, bike paths, bridges, environmental mitigation, traffic signals and other civil engineering projects while explaining City standards to both contractors and citizens.

**JOB ORDER CONTRACT PROJECTS (City of San Luis Obispo)** Facilitated and inspected various Job Order Contract Assignments including the Job Order Contract program; processing task orders, overseeing and inspecting the project, taking final measurements and processing pay estimates.

# MICHAEL MOBLEY | SENIOR CONSTRUCTION INSPECTOR



## AREAS OF EXPERTISE

- CWEA Grade I, II, III Collections
- First Aid CPR Certified
- Certified Flagger & Traffic Control
- Hazardous Waste Training  
Asbestos Training
- Radiation Training
- Fire Watch
- Scissor Lift & Zoom Boom Training
- Railroad Right-of-Way Training
- Confined Space Atmospheric Tester
- OSHA Competent
- Scaffold Erection
- Certified welder 1/2" plate

Mr. Mobley brings over 40 years of diverse experience in the construction industry, with a significant focus on transportation and road projects. His extensive background includes 30 years in various construction roles and an additional decade in Wastewater Collections for the City of Morro Bay. Michael's rich professional journey is marked by hands-on involvement in the construction and inspection phases of numerous infrastructure projects, ensuring compliance with engineering standards and specifications. During his time at the Diablo Canyon Power Plant, Michael held pivotal roles ranging from Construction Foreman/Supervisor to Laborer, overseeing up to 100 tradesmen. His responsibilities included seismic block wall reinforcement, installation of electrical conduits, and comprehensive construction supervision. Michael's detailed approach ensured project milestones were met efficiently and safely.

Michael leverages his extensive experience to provide critical oversight and inspection services for transportation projects. His role involves conducting detailed inspections, preparing contract change orders, and ensuring all construction activities adhere to federal, state, and local regulations. Michael's commitment to meticulous documentation and effective communication significantly contributes to the successful execution and timely completion of projects.

## RELEVANT PROJECT EXPERIENCE

**STORM REPAIRS AT PINEKNOLLS DRIVE (County of San Luis Obispo)** Storm repairs included the over excavation and reconstruction of 120' of slope adjacent to Pineknolls Drive that was damaged during the January 2023 storms. This project included the installation of drainage within the rebuilt embankment, replacement of a 6" water main that was damaged due to the slide, bypassing and replacement of a sewer lateral, replacement of half of the roadway along the extents of the slide, and permanent erosion control.

## CITY OF MORRO PROJECT EXPERIENCE

### WASTEWATER COLLECTIONS II & III

- Maintenance and inspections of sewer collection systems; FOG inspections, lift stations, pumps, sewer lines, generators, electrical, field inspections of new manhole lids (PAMREX)
- Main Street project
- Data entry
- Licensed VacCon operator
- Operated Trailer Jetter
- Lift Station (2) - Replacement & modernization projects
- Repaired & replaced Sewer Lines
- Member of Public Safety Committee

## DIABLO CANYON POWER PLANT

### CONSTRUCTION FOREMAN/SUPERVISOR/LABORER

**Construction Foreman/Supervisor (100 tradesmen) & Construction Laborer positions with Lee Wilson Electric, Special Services Contractors, Inc., Day & Zimmerman, Bechtel Construction, H.P. Foley, Fluor Construction, Atlantic U.R.I., Foreman Diablo Canyon Power Plant: all crafts; held Unescorted Security Access for DCP.**

- Seismic Block Wall Project: reinforced all block walls in plant, set up scaffolding, material and delivery scheduling
- Installed Class I concrete pull boxes, electrical conduits, light standards, thrust blocks
- Set up shoring, backfilled ditch lines, roadways, 95% compaction
- Spotter for excavators & backhoes
- Reconstructed a 36,000 sq. ft. Parking Lot back to pre-construction state planting native plants with a State Biologist for the County of San Luis Obispo

# MICHAEL MOBLEY | SENIOR CONSTRUCTION INSPECTOR



- Worked on project to install a new 115 Ton Diesel Generator rigging - demo & removal of concrete pedestals & pour back, saw cut penetrations for generator & walls
- Replacement of diesel fuel tanks replacing 2-100,000 gallon diesel fuel tanks, shoring placement, demo of old tanks, placing of new tanks - rigging, backfill, grading and paving
- Build 100,00 sq. ft warehouse - pour & place concrete slab, grading & paving
- Built shooting range training facility, worked on grading, paving, placement of sewer lift station, water lines and shooting stations
- Refueling outages, bio-fouling cleaning of intake tunnels, 4 tunnels 0 1480 feet each, set de-watering pumps, scaffolding, remove approx. 150 tons of sea-life per tunnel, crane work, safety inspector for clean air, H2S/O2 gas, and ammonia, set up temporary lighting for whole length of tunnel, condenser cleaning and replacement of screens, worked with clearances for safety lock out/tag out procedures
- Discharge outfall concrete repairs - stairs, walls, handrails, landings - set scaffold, chip old concrete, rebar repairs, pour new concrete
- 3-Story Training Facility Project - supervised from the ground up  
400 ton Generator Rotor Replacement
- 15 years everyday construction, maintenance piping, scaffolding, safety coordinator, radiation worker, Haz Mat worker, concrete work
- Upgraded Security Systems: Cameras, removed & replaced fencing, microwave power, electrical, fiber optics, barbed wire. Upgraded interior & exterior siding, radiation monitoring systems and steel supports with lathe & plaster repair
- Installed 40 ton Security barrier blocks around the DCPD perimeter to deter terrorists
- Numerous paving & grading jobs, concrete forms & concrete placement

## PETER KIEWIT CONSTRUCTION

### (LEVEL 3 PROJECT), CONSTRUCTION SUPERVISOR

- Fiber Optics pothole crew, started in Greenfield, Ca to Burbank, CA
- Railroad Safety Trained/UP Railroad & LA. County Metro Commuter
- Trenched, plowed & installed duct for fiber optics, from 8-20 duct along the UP Right of Way, Hwy 1, Hwy 23, Hwy 101 and Hwy 118, finished in Santa Barbara County
- Equipment operated: VacCon, Duct Plow, Trencher, Clear & Grub Tree Chipper, dozer, backhoe, forklifts, loaders, flatbeds, water trucks

## GRANITE CONSTRUCTION

### CHEM WASTE (KETTLEMAN HAZARDOUS WASTE STORAGE)

- Built new 30 acre, double lined storage pit at site
- Cutting, grading slopes and de-watering pits for liquids

## J.W. BAILEY CONSTRUCTION

### CONSTRUCTION CONCRETE CREW (COSTCO & LOWE SITES, SANTA BARBARA)

- Concrete, power screed, walls, slabs, sidewalks, parking lots, grading, paving

## GRANITE, BALL & GROVES CONSTRUCTION

### HELMS PROJECT, (UNDERGROUND POWER HOUSE-HARD ROCK MINING)

Housing for miners & workers; including 2 dormitories, recreation building, cafeteria, housing

- Avalanche control
- Tunnel air testing for carbon monoxide & H2O
- Miner (buligang)
- Installed 4"6"/12" Victaulic pipes for water, air & liquid discharge
- Fresh air supply 4' x 20' line



# CHERIL MAGALLANES

OFFICE ENGINEER/  
LABOR COMPLIANCE

FE

## EDUCATION

- **AA, Business Management**, Santa Barbara City College
- **Human Resources Management** – University of California, Santa Barbara

## AREAS OF EXPERTISE

- Federal Aid
- Labor Compliance
- SWPPP Compliance
- Procure Project Manager Pro
- American Red Cross, Certified in Adult & Child First Aid/CPR/AED
- National Register Emergency Medical Technician

Ms. Magallanes has over 20 years of experience in a variety of professional administrative roles, specializing in Labor Compliance, SWPPP, contract administration per the Local Assistance Procedures Manual, document control, and conflict resolution. Ms. Magallanes has performed Labor Compliance and SWPPP Compliance services for all of Filippin Engineering's state and federally funded projects for the past 6 years and is well versed in working with Contractors on completeness of documentation, and has passed multiple mid project and post project audits.

Her strength is keeping the entire team compliant with funding requirements and is meticulous with document control organization to make sure that the entire team sticks to the Quality Control Plan throughout the entirety of a project.

## RELEVANT PROJECT EXPERIENCE

### LABOR COMPLIANCE AND SWPPP COMPLIANCE OFFICER

Performed labor compliance tracking according to the frequencies outlined in the Local Assistance Procedures Manual and SWPPP compliance tracking, including upload to SMARTS (as applicable) for the following projects:

- Armitos Park Community Garden Improvements, San Jose Creek Multiuse Path and Jonny D. Wallis Park Splash Pad and Improvements (City of Goleta)
- State Street Undercrossing (City of Santa Barbara)
- Bridge Street Bridge Replacement (City of Arroyo Grande)

- North Chorro Neighborhood Greenway (City of San Luis Obispo)
- Westside Community Paseos (City of Santa Barbara)
- Las Positas Multi-use Path Project (City of Santa Barbara)
- Railroad Safety Trail Project (City of San Luis Obispo)
- De La Guerra Street Bridge Replacement (City of Santa Barbara)
- Marsh Street Bridge Replacement (City of San Luis Obispo)
- Roadway Sealing Project 2022 (City of San Luis Obispo)
- Emergency Work 2023 (Santa Barbara County Flood Control and Water Conservation District)

- Romero Canyon Debris Basin (County of Santa Barbara Flood Control District)
- Maria Ygnacio Debris Basin (County of Santa Barbara Flood Control District)
- Old Town Sidewalk Improvements (City of Goleta)
- Citywide Street Improvement Project 2015–16 (City of Santa Paula)
- Santa Road Widening Project (City of Camarillo)
- Ward Drive Class 2 Bike Lanes (City of Goleta)

### OFFICE ENGINEERING SERVICES

Performed office engineering duties including document control system creation and maintenance, Quality Control Plan tracking, file maintenance, and full documentation closeout for the following projects:

- Via Avenue Bridge Replacement (City of Atascadero)
- Santa Lucia Bridge Replacement (City of Atascadero)
- Piru Treatment Plant Upgrades (County of Ventura)
- Crosswalk at Calle Real Fairview PHB (City of Goleta)
- Roundabouts Sewer (Montecito Sanitary District)
- Bradley Road Bridge Replacement (County of Ventura)
- 2020 Waterline and Valve Replacement (City of Lompoc)
- ATP Cycle 3 Funded Pedestrian Improvements (City of Guadalupe)
- 2020 Pavement Rehabilitation Project – Parking Lot NO. 2 and Cactus Lane (City of Carpinteria)
- Measure K Rehabilitation Project (City of Grover Beach)
- Cota Street Bridge Replacement (City of Santa Barbara)
- Donlon Road Realignment Project (County of Ventura)
- Quinientos Street Bridge Replacement Project (City of Santa Barbara)
- Old Town Sidewalk Improvements (City of Goleta)
- Jonny D. Wallis Neighborhood Park Project (City of Goleta)
- Fairview Avenue Sidewalk Infill at Stow Canyon (City of Gole)

# TERRY WEAVER | COMMUNITY OUTREACH COORDINATOR

FE

## EDUCATION

- A.S., Business, Ventura College

## AREAS OF EXPERTISE

- Public Outreach
- Community Meetings
- Flyer and Community Notice creation
- Canva
- Procore Project Manager Pro
- American Red Cross, Certified in Adult & Child First Aid/CPR/AED

Ms. Weaver has an extensive background in public works construction and over 10 years of direct experience in public outreach in support of Capital Improvement Projects. Her experience as a community outreach coordinator includes all types of projects including water and sewer pipelines, underground dry utilities, storm drainage, structures, transportation, roads, and pavement maintenance projects.

Previously employed by the City of Ventura, Ms. Weaver supplied public outreach and administrative services to the engineering and construction staff. Her hands-on experience working with business owners, community-based organizations, residents, stakeholders, and City staff has supplied a depth of experience and the development of many versatile skills. She excels in taking the public outreach task out of the realm of the design and construction team as she acts as the single point of contact for all disbursed information and can take all incoming calls.

## RELEVANT PROJECT EXPERIENCE

### WATER LINE REPLACEMENT ONDULANDO PHASES 1/2/3/4 (City of Ventura)

Provided public outreach services for the city during the 24-month (approximately 2 years) replacement of aging cement waterline. As the community outreach coordinator, Ms. Weaver handled planning, organization, developing and implementing a community outreach plan for the public and businesses within the affected area with social media, town hall meetings, and flyer distribution.

**CALIFORNIA STREET BRIDGE UPGRADE (City of Ventura)** Provided public outreach services for the city during the enhancement of the gateway to the city bridge upgrade in the downtown Ventura area. As the community outreach coordinator, Ms. Weaver was responsible for planning, organization, developing and implementing a community outreach plan to the public and businesses within the affected area, with social media, town hall meetings, and flyer distribution.

**ACCESS RAMP CONSTRUCTION (City of Ventura)** Provided public outreach services for the city for the construction of 80 ramps on street corners throughout the City of Ventura. The project was a 24-month project, and as a community outreach coordinator, Ms. Weaver handled communication, planning and organizing an outreach plan with the residents and businesses in the construction area.

**SATICOY COUNTRY CLUB WELL No. 2 REHABILITATION (City of Ventura)** Provided public outreach services for the city during the demo of Well No.1 which was no longer in use and the rehabilitation of Well No. 2 which would be used as a backup to the Well No.3 during this 10-month project. As the community outreach coordinator, Ms. Weaver handled planning, organization, developing and implementing a community outreach plan to the residents in the Saticoy Country club area via social media, town hall meetings, and flyer distribution.

**MONTALVO SAFE ROUTES SCHOOL IMPROVEMENTS (City of Ventura)** Provided public outreach during a high-profile school improvement that included installation of three flashing beacon crossings, bike lanes and restriping of the area. As the community outreach coordinator, Ms. Weaver handled developing and implementing a community outreach plan for the school's parents, students, and faculty.

**PREBBLE STREET PROPERTY SURPLUS PROJECT (City of Ventura)** Provided public outreach services for the City to demolish a structure that was a church, prepare the site for sale, provide information to advertise the property for sale, and work through the sale proceedings with the public. As the community outreach coordinator, Ms. Weaver was responsible for planning, organization, developing and implementing a community outreach plan to the public and businesses within the affected area with social media, town hall meetings, and flyer distribution.

**LAKE PIRU FLOATING STORM DRAIN (United Water Conservation District)** Provided weekly reports on progress for removal of debris from the storm damage that occurred in January 2023. The Project included two barges (30'x 10') used to shuttle the material from the dam area to the boat ramp. Ms. Weaver was responsible for handling the truck tickets, debris contents and logs for the client.

**LAKE PIRU RECREATION AREA DAMAGE CLEANUP PROJECT (United Water Conservation District)** Provided weekly reports on progress for removal of debris from the storm damage that occurred in January 2023, The Project Included Debris Removal from Lake Piru to District accepted disposal site. Along with debris tracking and reporting, which Ms. Weaver was responsible for weekly basis.

**CLAYTON BRADSHAW, PLS, PE**  
Director of Surveying

Clayton joined Wallace Group in 2001 and has extensive background in land surveying and civil engineering. He is proficient with a broad range of surveying services performed in the field and in office relating to boundaries, design, construction and mapping with many of his professional services being performed to assist in the design of a variety of public works projects. Typical to his experience are corner searches, parcel maps, subdivisions, lot line adjustments, residential construction staking, pipeline staking, line staking, easement surveys and analysis, boundary surveys, topographic mapping, control for aerial mapping and Global Positioning System (GPS).

**EDUCATION**

BS, Civil Engineering, California Polytechnic State University, San Luis Obispo, CA

**REGISTRATION**

California Registered Civil Engineer, Number C65864

California Professional Land Surveyor, Number 8298

**REPRESENTATIVE PROJECTS**

**Avila Beach Drive at US 101 interchange, County of San Luis Obispo, CA**

Clayton directed the land surveying services related to the project, including Right of Way, boundary, easement and topographic mapping and oversaw the use of cutting-edge technology, deploying terrestrial scanners to capture dense point clouds throughout the project area and collected a variety of conventional measurements. The safety of field crew staff and the public is very important to Clayton and the selection of terrestrial scanning as an approach to field measurement collection kept the field crews out of and away from traffic, with both our field crews' and interchange users' safety in mind.

**East Boronda Road Widening Project, City of Salinas, CA**

The scope of surveying for this project included coordination with City staff, setting of survey control for both aerial and field densification mapping, field survey of improvement along the route and within the road prism, including hard surface, sanitary and storm sewer and utility structures, utility markings, trees, and other item typical to standard practice. Cross sections measurements were collected and used for the hydraulic analysis of Gabilan Creek in support of the bridge widening effort. A survey base map, including a digital terrain model, was developed for the engineering and design team as the basis of the design.



