

PROFESSIONAL SERVICES CONTRACT BETWEEN
THE CITY OF HUNTINGTON BEACH AND
TAIT & ASSOCIATES, INC.
FOR
ON-CALL CIVIL ENGINEERING
& PROFESSIONAL CONSULTING SERVICES

THIS AGREEMENT ("Agreement") is made and entered into by and between the City of Huntington Beach, a municipal corporation of the State of California, hereinafter referred to as "CITY," and TAIT & ASSOCIATES, INC., a California Corporation hereinafter referred to as "CONSULTANT."

WHEREAS, CITY desires to engage the services of a consultant to provide On-Call Civil Engineering & Professional Consulting Services; and

Pursuant to documentation on file in the office of the City Clerk, the provisions of the Huntington Beach Municipal Code, Chapter 3.03, relating to procurement of professional service contracts have been complied with; and

CONSULTANT has been selected to perform these services,

NOW, THEREFORE, it is agreed by CITY and CONSULTANT as follows:

1. SCOPE OF SERVICES

CONSULTANT shall provide all services as described in **Exhibit "A,"** which is attached hereto and incorporated into this Agreement by this reference. These services shall sometimes hereinafter be referred to as the "PROJECT."

CONSULTANT hereby designates Jacob Vandervis who shall represent it and be its sole contact and agent in all consultations with CITY during the performance of this Agreement.

2. CITY STAFF ASSISTANCE

CITY shall assign a staff coordinator to work directly with CONSULTANT in the performance of this Agreement.

3. TERM; TIME OF PERFORMANCE

Time is of the essence of this Agreement. The services of CONSULTANT are to commence on _____, 20____ (the "Commencement Date"). This Agreement shall automatically terminate three (3) years from the Commencement Date, unless extended or sooner terminated as provided herein. All tasks specified in **Exhibit "A"** shall be completed no later than three (3) years from the Commencement Date. The time for performance of the tasks identified in **Exhibit "A"** are generally to be shown in **Exhibit "A."** This schedule may be amended to benefit the PROJECT if mutually agreed to in writing by CITY and CONSULTANT.

In the event the Commencement Date precedes the Effective Date, CONSULTANT shall be bound by all terms and conditions as provided herein.

4. COMPENSATION

In consideration of the performance of the services described herein, CITY agrees to pay CONSULTANT on a time and materials basis at the rates specified in **Exhibit "B,"** which is attached hereto and incorporated by reference into this Agreement, a fee, including all costs and expenses, not to exceed Two Million Dollars (\$2,000,000.00).

5. EXTRA WORK

In the event CITY requires additional services not included in **Exhibit "A"** or changes in the scope of services described in **Exhibit "A,"** CONSULTANT will undertake such work only after receiving written authorization from CITY. Additional compensation for such extra work shall be allowed only if the prior written approval of CITY is obtained.

6. METHOD OF PAYMENT

CONSULTANT shall be paid pursuant to the terms of **Exhibit "B."**

7. DISPOSITION OF PLANS, ESTIMATES AND OTHER DOCUMENTS

CONSULTANT agrees that title to all materials prepared hereunder, including, without limitation, all original drawings, designs, reports, both field and office notices, calculations, computer code, language, data or programs, maps, memoranda, letters and other documents, shall belong to CITY, and CONSULTANT shall turn these materials over to CITY upon expiration or termination of this Agreement or upon PROJECT completion, whichever shall occur first. These materials may be used by CITY as it sees fit.

8. HOLD HARMLESS

A. CONSULTANT hereby agrees to protect, defend, indemnify and hold harmless CITY, its officers, elected or appointed officials, employees, agents and volunteers from and against any and all claims, damages, losses, expenses, judgments, demands and defense costs (including, without limitation, costs and fees of litigation of every nature or liability of any kind or nature) arising out of or in connection with CONSULTANT's (or CONSULTANT's subcontractors, if any) negligent (or alleged negligent) performance of this Agreement or its failure to comply with any of its obligations contained in this Agreement by CONSULTANT, its officers, agents or employees except such loss or damage which was caused by the sole negligence or willful misconduct of CITY. CONSULTANT will conduct all defense at its sole cost and expense and CITY shall approve selection of CONSULTANT's counsel. This indemnity shall apply to all claims and liability regardless of whether any insurance policies are applicable. The policy limits do not act as limitation upon the amount of indemnification to be provided by CONSULTANT.

B. To the extent that CONSULTANT performs "Design Professional Services" within the meaning of Civil Code Section 2782.8, then the following Hold Harmless provision applies in place of subsection A above:

“CONSULTANT hereby agrees to protect, defend, indemnify and hold harmless CITY and its officers, elected or appointed officials, employees, agents and volunteers, from and against any and all claims, damages, losses, expenses, demands and defense costs (including, without limitation, costs and fees of litigation of every nature or liability of any kind or nature) to the extent that the claims against CONSULTANT arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of CONSULTANT. In no event shall the cost to defend charged to CONSULTANT exceed CONSULTANT’s proportionate percentage of fault. However, notwithstanding the previous sentence, in the event one or more other defendants to the claims and/or litigation is unable to pay its share of defense costs due to bankruptcy or dissolution of the business, CONSULTANT shall meet and confer with CITY and other defendants regarding unpaid defense costs. The duty to indemnify, including the duty and the cost to defend, is limited as provided in California Civil Code Section 2782.8.

C. Regardless of whether subparagraph A or B applies, CITY shall be reimbursed by CONSULTANT for all costs and attorney’s fees incurred by CITY in enforcing this obligation. This indemnity shall apply to all claims and liability regardless of whether any insurance policies are applicable. The policy limits do not act as a limitation upon the amount of indemnification to be provided by CONSULTANT.

9. PROFESSIONAL LIABILITY INSURANCE

CONSULTANT shall obtain and furnish to CITY a professional liability insurance policy covering the work performed by it hereunder. This policy shall provide coverage for CONSULTANT’s professional liability in an amount not less than One Million Dollars (\$1,000,000.00) per occurrence and in the aggregate. The above-mentioned insurance shall not contain a self-insured retention without the express written consent of CITY; however an insurance

policy "deductible" of Ten Thousand Dollars (\$10,000.00) or less is permitted. A claims-made policy shall be acceptable if the policy further provides that:

- A. The policy retroactive date coincides with or precedes the initiation of the scope of work (including subsequent policies purchased as renewals or replacements).
- B. CONSULTANT shall notify CITY of circumstances or incidents that might give rise to future claims.

CONSULTANT will make every effort to maintain similar insurance during the required extended period of coverage following PROJECT completion. If insurance is terminated for any reason, CONSULTANT agrees to purchase an extended reporting provision of at least two (2) years to report claims arising from work performed in connection with this Agreement.

If CONSULTANT fails or refuses to produce or maintain the insurance required by this section or fails or refuses to furnish the CITY with required proof that insurance has been procured and is in force and paid for, the CITY shall have the right, at the CITY's election, to forthwith terminate this Agreement. Such termination shall not effect Consultant's right to be paid for its time and materials expended prior to notification of termination. CONSULTANT waives the right to receive compensation and agrees to indemnify the CITY for any work performed prior to approval of insurance by the CITY.

10. CERTIFICATE OF INSURANCE

Prior to commencing performance of the work hereunder, CONSULTANT shall furnish to CITY a certificate of insurance subject to approval of the City Attorney evidencing the foregoing insurance coverage as required by this Agreement; the certificate shall:

- A. provide the name and policy number of each carrier and policy;
- B. state that the policy is currently in force; and

- C. shall promise that such policy shall not be suspended, voided or canceled by either party, reduced in coverage or in limits except after thirty (30) days' prior written notice; however, ten (10) days' prior written notice in the event of cancellation for nonpayment of premium.

CONSULTANT shall maintain the foregoing insurance coverage in force until the work under this Agreement is fully completed and accepted by CITY.

The requirement for carrying the foregoing insurance coverage shall not derogate from CONSULTANT's defense, hold harmless and indemnification obligations as set forth in this Agreement. CITY or its representative shall at all times have the right to demand the original or a copy of the policy of insurance. CONSULTANT shall pay, in a prompt and timely manner, the premiums on the insurance hereinabove required.

11. INDEPENDENT CONTRACTOR

CONSULTANT is, and shall be, acting at all times in the performance of this Agreement as an independent contractor herein and not as an employee of CITY. CONSULTANT shall secure at its own cost and expense, and be responsible for any and all payment of all taxes, social security, state disability insurance compensation, unemployment compensation and other payroll deductions for CONSULTANT and its officers, agents and employees and all business licenses, if any, in connection with the PROJECT and/or the services to be performed hereunder.

12. TERMINATION OF AGREEMENT

All work required hereunder shall be performed in a good and workmanlike manner. CITY may terminate CONSULTANT's services hereunder at any time with or without cause, and whether or not the PROJECT is fully complete. Any termination of this Agreement by CITY shall be made in writing, notice of which shall be delivered to CONSULTANT as provided herein. In the

event of termination, all finished and unfinished documents, exhibits, report, and evidence shall, at the option of CITY, become its property and shall be promptly delivered to it by CONSULTANT.

13. ASSIGNMENT AND DELEGATION

This Agreement is a personal service contract and the work hereunder shall not be assigned, delegated or subcontracted by CONSULTANT to any other person or entity without the prior express written consent of CITY. If an assignment, delegation or subcontract is approved, all approved assignees, delegates and subconsultants must satisfy the insurance requirements as set forth in Sections 9 and 10 hereinabove.

14. COPYRIGHTS/PATENTS

CITY shall own all rights to any patent or copyright on any work, item or material produced as a result of this Agreement.

15. CITY EMPLOYEES AND OFFICIALS

CONSULTANT shall employ no CITY official nor any regular CITY employee in the work performed pursuant to this Agreement. No officer or employee of CITY shall have any financial interest in this Agreement in violation of the applicable provisions of the California Government Code.

16. NOTICES

Any notices, certificates, or other communications hereunder shall be given either by personal delivery to CONSULTANT's agent (as designated in Section 1 hereinabove) or to CITY as the situation shall warrant, or by enclosing the same in a sealed envelope, postage prepaid, and depositing the same in the United States Postal Service, to the addresses specified below. CITY and CONSULTANT may designate different addresses to which subsequent notices, certificates or other communications will be sent by notifying the other party via personal delivery, a reputable overnight carrier or U. S. certified mail-return receipt requested:

TO CITY:

City of Huntington Beach
ATTN: Director of Public Works
2000 Main Street
Huntington Beach, CA 92648

TO CONSULTANT:

TAIT & Associates, Inc.
Attn: Jacob Vandervis
701 N Parkcenter Drive
Santa Ana, CA 92705

17. CONSENT

When CITY's consent/approval is required under this Agreement, its consent/approval for one transaction or event shall not be deemed to be a consent/approval to any subsequent occurrence of the same or any other transaction or event.

18. MODIFICATION

No waiver or modification of any language in this Agreement shall be valid unless in writing and duly executed by both parties.

19. SECTION HEADINGS

The titles, captions, section, paragraph and subject headings, and descriptive phrases at the beginning of the various sections in this Agreement are merely descriptive and are included solely for convenience of reference only and are not representative of matters included or excluded from such provisions, and do not interpret, define, limit or describe, or construe the intent of the parties or affect the construction or interpretation of any provision of this Agreement.

20. INTERPRETATION OF THIS AGREEMENT

The language of all parts of this Agreement shall in all cases be construed as a whole, according to its fair meaning, and not strictly for or against any of the parties. If any provision of this Agreement is held by an arbitrator or court of competent jurisdiction to be unenforceable, void, illegal or invalid, such holding shall not invalidate or affect the remaining covenants and provisions of this Agreement. No covenant or provision shall be deemed dependent upon any other unless so expressly provided here. As used in this Agreement, the masculine or

neuter gender and singular or plural number shall be deemed to include the other whenever the context so indicates or requires. Nothing contained herein shall be construed so as to require the commission of any act contrary to law, and wherever there is any conflict between any provision contained herein and any present or future statute, law, ordinance or regulation contrary to which the parties have no right to contract, then the latter shall prevail, and the provision of this Agreement which is hereby affected shall be curtailed and limited only to the extent necessary to bring it within the requirements of the law.

21. DUPLICATE ORIGINAL

The original of this Agreement and one or more copies hereto have been prepared and signed in counterparts as duplicate originals, each of which so executed shall, irrespective of the date of its execution and delivery, be deemed an original. Each duplicate original shall be deemed an original instrument as against any party who has signed it.

22. IMMIGRATION

CONSULTANT shall be responsible for full compliance with the immigration and naturalization laws of the United States and shall, in particular, comply with the provisions of the United States Code regarding employment verification.

23. LEGAL SERVICES SUBCONTRACTING PROHIBITED

CONSULTANT and CITY agree that CITY is not liable for payment of any subcontractor work involving legal services, and that such legal services are expressly outside the scope of services contemplated hereunder. CONSULTANT understands that pursuant to *Huntington Beach City Charter* Section 309, the City Attorney is the exclusive legal counsel for CITY; and CITY shall not be liable for payment of any legal services expenses incurred by CONSULTANT.

24. ATTORNEY'S FEES

In the event suit is brought by either party to construe, interpret and/or enforce the terms and/or provisions of this Agreement or to secure the performance hereof, each party shall bear its own attorney's fees, such that the prevailing party shall not be entitled to recover its attorney's fees from the nonprevailing party.

25. SURVIVAL

Terms and conditions of this Agreement, which by their sense and context survive the expiration or termination of this Agreement, shall so survive.

26. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

27. SIGNATORIES

Each undersigned represents and warrants that its signature hereinbelow has the power, authority and right to bind their respective parties to each of the terms of this Agreement, and shall indemnify CITY fully for any injuries or damages to CITY in the event that such authority or power is not, in fact, held by the signatory or is withdrawn.

28. ENTIRETY

The parties acknowledge and agree that they are entering into this Agreement freely and voluntarily following extensive arm's length negotiation, and that each has had the opportunity to consult with legal counsel prior to executing this Agreement. The parties also acknowledge and agree that no representations, inducements, promises, agreements or warranties, oral or otherwise, have been made by that party or anyone acting on that party's behalf, which are not embodied in this Agreement, and that that party has not executed this Agreement in reliance on any representation, inducement, promise, agreement, warranty, fact or circumstance not expressly set forth in this

Agreement. This Agreement, and the attached exhibits, contain the entire agreement between the parties respecting the subject matter of this Agreement, and supersede all prior understandings and agreements whether oral or in writing between the parties respecting the subject matter hereof.

29. EFFECTIVE DATE

This Agreement shall be effective on the date of its approval by the City Council.

This Agreement shall expire when terminated as provided herein.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by and through their authorized officers.

CONSULTANT,
TAIT & ASSOCIATES, INC.

CITY OF HUNTINGTON BEACH, a
municipal corporation of the State of
California

By: _____



Jake Vanderis

print name

ITS: (circle one) Chairman/President Vice President

AND

By: _____



print name

ITS: (circle one) Secretary Chief Financial Officer/Asst.
Secretary - Treasurer

Mayor

City Clerk

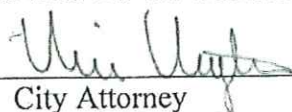
INITIATED AND APPROVED:

Director of Public Works

REVIEWED AND APPROVED:

City Manager

APPROVED AS TO FORM:



City Attorney

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CONSULTANT,
TAIT & ASSOCIATES, INC.

CITY OF HUNTINGTON BEACH, a
municipal corporation of the State of
California

By: _____

Mayor

print name

ITS: (circle one) Chairman/President/Vice President

City Clerk

AND

INITIATED AND APPROVED:

By: _____



Director of Public Works

print name

ITS: (circle one) Secretary/Chief Financial Officer/Asst.
Secretary - Treasurer

REVIEWED AND APPROVED:

City Manager

APPROVED AS TO FORM:


City Attorney



EXHIBIT "A"

A. STATEMENT OF WORK: (Narrative of work to be performed)

Provide On-Call Civil Engineering and Professional Consulting Services. If Consultant chooses to assign different personnel to the project, Consultant must submit names and qualifications of these staff to City for approval before commencing work.

B. CONSULTANT'S DUTIES AND RESPONSIBILITIES:

See Attached Exhibit A

C. CITY'S DUTIES AND RESPONSIBILITIES:

1. Furnish Scope of Work and provide a request for proposal for each project.
2. City shall issue a task order for each project based upon scope of services, work schedule, and fee proposal submitted.

D. WORK PROGRAM/PROJECT SCHEDULE:

A project schedule will be developed for each project assigned by the City.



A. VENDOR APPLICATION FORM & COVER LETTER-

March 13, 2025

City of Huntington Beach
Finance Department
2000 Main Street
Huntington Beach, California 92648

**RE: ON-CALL CIVIL ENGINEERING PROFESSIONAL CONSULTING SERVICES -
B. GENERAL CIVIL ENGINEERING**

TAIT & Associates, Inc. (TAIT) is pleased to submit this proposal in response to RFP for On-Call Civil Engineering Professional Consulting Services for the City of Huntington Beach (City). TAIT has been delivering solutions for over 61 years and has provided civil, engineering, architectural design, and construction support services to municipalities, transit agencies, and private sector clients on a range of infrastructure projects.

TAIT at a Glance. TAIT is headquartered in Santa Ana, allowing us to coordinate efficiently and respond quickly to the City's project needs. TAIT employs 200 associates, including civil engineers, architects, surveyors, and construction professionals with expertise in facility improvements, ADA compliance, pavement rehabilitation, fueling infrastructure, and zero-emission vehicle (ZEV) infrastructure projects.

Infrastructure and Engineering Expertise. Our engineering team has experience delivering design and construction support for transit facilities, roadway improvements, and site development projects, ensuring compliance with regulatory requirements while maintaining operational efficiency. This experience gives us an understanding of the City's project requirements, permitting processes, and infrastructure needs, allowing

us to provide effective and coordinated services for future projects.

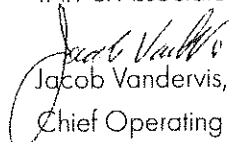
Commitment to Service and Point of Contact.

Acting as an extension of the City's staff, TAIT emphasizes clear communication and reliable service. **The project will be managed from TAIT's headquarters, located at 701 Parkcenter Drive, Santa Ana, CA 92705, with David Sloan serving as the Project Manager and Primary point of contact. David can be reached at 714-560-8200 ext. 643, fax 714-560-8211, and email at dsloan@tait.com.** TAIT is prepared to allocate the necessary personnel and resources to support the City's needs.

We appreciate the opportunity to submit our proposal and discuss how TAIT can support the City. **The proposal price shall remain valid for a period of at least 180 days from the date of submittal.** Thank you for your consideration, and we look forward to the opportunity to collaborate.

Very truly yours,

TAIT & Associates, Inc.


Jacob Vandervis, P.E.,
Chief Operating Officer

**Disciplines of Civil Engineering Services Application Form**

Circle all that apply

Civil Engineering Service Area	Bidding? Y/N (circle)
• Water/Sewer/Storm Water Engineering	Yes / <input checked="" type="radio"/> No
• General Civil Engineering	<input checked="" type="radio"/> Yes / No
• Ocean Engineering	Yes / <input checked="" type="radio"/> No
• Environmental/Water Quality	Yes / <input checked="" type="radio"/> No



**REQUEST FOR PROPOSAL
VENDOR APPLICATION FORM**

TYPE OF APPLICANT: ☒ NEW ☐ CURRENT VENDOR

Legal Contractual Name of Corporation: TAIT & Associates, Inc.

Contact Person for Agreement: Jacob Vandervis

Corporate Mailing Address: 701 Parkcenter Drive

City, State and Zip Code: Santa Ana, CA 92705

E-Mail Address: jacobv@tait.com

Phone: 714-560-8200 x677 Fax: 714-560-8233

Contact Person for Proposals: David Sloan

Title: Vice President/Project Manager E-Mail Address: dsloan@tait.com

Business Telephone: 714-560-8200 x643 Business Fax: 714-560-8233

Year Business was Established: 1964

Is your business: (check one)

☐ NON PROFIT CORPORATION ☒ FOR PROFIT CORPORATION

Is your business: (check one)

<input checked="" type="checkbox"/> CORPORATION	<input type="checkbox"/> LIMITED LIABILITY PARTNERSHIP
<input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> SOLE PROPRIETORSHIP
<input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> UNINCORPORATED ASSOCIATION



Names & Titles of Corporate Board Members
(Also list Names & Titles of persons with written authorization/resolution to sign contracts)

Names	Title	Phone
Tom Tait	Executive Chairman	714-560-8602
Trevor Tait	CEO	714-560-8653
Rich Tait	President	714-560-8645
Jacob Vandervis	COO	714-560-8677
Jason Jones	CFO	714-560-8636

Federal Tax Identification Number: 95-2395815

City of Huntington Beach Business License Number: N/A
(If none, you must obtain a Huntington Beach Business License upon award of contract.)

City of Huntington Beach Business License Expiration Date: N/A



B. BACKGROUND & PROJECT SUMMERY

FIRM OVERVIEW

TAIT & Associates, Inc. (TAIT) is a California C Corporation founded in 1964, providing engineering and architectural services to public agencies across Southern California for over 61 years. TAIT employs approximately **200 professionals**, with a strong presence in engineering, architecture, and environmental services. **TAIT operates from nine regional offices** across the Western and Southeastern United States.

- **Headquarters** — 701 N. Parkcenter Drive, Santa Ana, CA
- **Norco Office** — 801 Lampton Lane, Norco, CA
- **Sacramento Office** — 11280 Trade Center Drive, Rancho Cordova, CA 92860
- **Boise Office** — 707 North 27th Street, Boise, ID 83702
- **Denver Office** — 320 North Lincoln Ave, Loveland, OH
- **Dallas Office** — 1601 N Glenville Dr. #107 Richardson, TX 75081
- **Atlanta, Houston, Oklahoma City**— Satellite Offices

QUALIFICATIONS & EXPERTISE

Since 1964, TAIT has built strong relationships with state and local agencies throughout Southern California. We consistently deliver projects that meet or exceed local, state, and federal requirements while staying on schedule and within budget.

EXPERTISE AND EXPERIENCE

TAIT and its sub-consultants apply decades of expertise across various civil and architectural engineering, planning, and design services. We can specifically provide the following services in the Civil Engineering category:

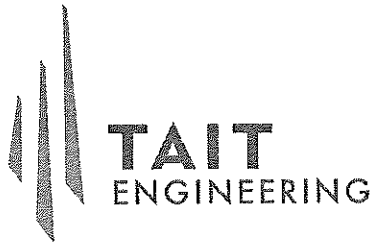
Civil Engineering Services

- **Transportation and Infrastructure:** Designing roadways, utilities, drainage, and traffic management systems.
- **Water and Environmental Systems:** Managing water quality, water and wastewater systems, and stormwater infrastructure.
- **Land Development and Planning:** Developing and remediating sites while ensuring optimal grading and layout.
- **Surveying and Mapping:** Conducting boundary surveys, topographic mapping, and right-of-way coordination.
- **Specialty Systems:** Designing and remediating fueling systems and managing hazardous materials.



TAIT'S INTEGRATED PROJECT TEAM

TAIT & Associates, Inc. Core Services



- Public Roadway Rehabilitation, Widening, and New Construction
- Water Quality Design & Review (LID Plan, SWPPP, etc.)
- Public On-Site and Building Improvements (Including Architectural Services)
- Public Parking Facilities Site Improvements
- Storm Drain Design and Hydrologic & Hydraulic Analysis
- Water & Waste Water Rehabilitation & New Construction
- Public Improvement & Private Development Design Plan Checking
- Architectural & Structural Design Services
- Construction Management, Inspection & Surveying Services
- Design and Construction Survey Services



- Underground & Aboveground Storage Tank Services (UST/AST)
 - Design, Installation & Removal
 - Testing, Repairs & Upgrades
 - Compliance Records & Regulatory Support
 - Operator Training &
 - Inspections (Class A, B, & C
 - Spill Prevention, Containment & Countermeasures (SPCC)
- Alternate Fueling Systems
 - Electric Vehicle Infrastructure
 - Hydrogen Fueling Systems
- Site Assessment & Remediation
- Phase I & II Investigations
- Lead & Asbestos Surveys & Abatement
- Subsurface Investigations/Site Characterizations
- Soil & Groundwater Remediation
- Compliance & Regulatory Testing
- Hazmat Business & Area Plans
- Environmental Management



- Site Plans
- Prototypical Designs
- Building Assessment & Tenant Improvement (TI) Plans
- Site Feasibility Assessment
- Building & Site ADA Surveys
- Bid & Construction Documents
- Construction Management & Specifications
- Design Review & Renderings
- Project Representation to Agency & Community
- Discretionary Permit Processing
- Permit Expediting



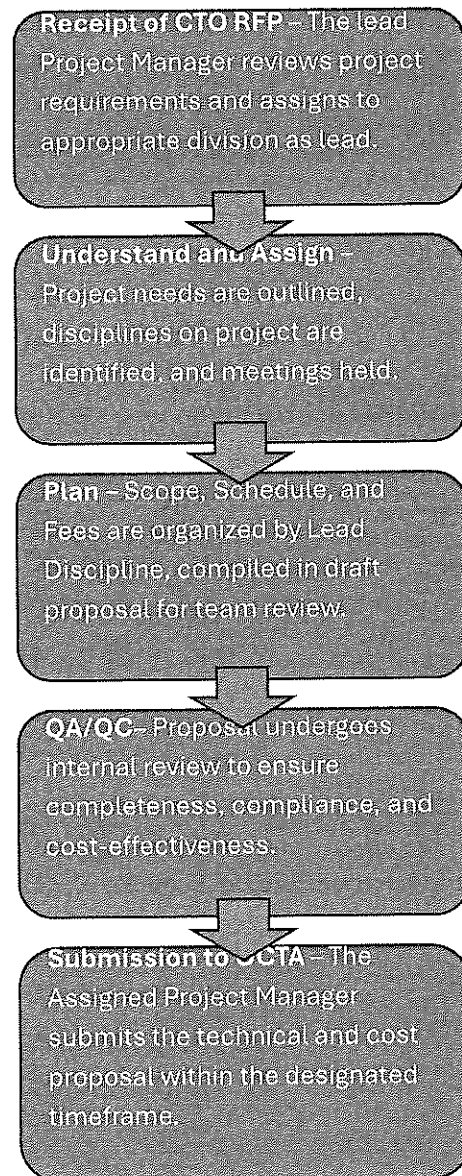
C. METHODOLOGY

COLLABORATIVE AND INTEGRATED APPROACH: TAIT IN HOUSE CIVIL -ARCHITECT - FUELING

TAIT employs a collaborative and proactive approach to project delivery, **leveraging our in-house team's extensive expertise to address the majority of project requirements directly.** For specialized needs such as traffic engineering, geotechnical services, and landscape architecture, we partner with trusted subcontractors to provide seamless, comprehensive solutions. This methodology allows us to deliver effective solutions aligned with the City's needs while maintaining compliance with local, state, and federal regulations.

TAIT's expertise is further enhanced by our specialized advisors, including **Ryan Bloom, EV Infrastructure Advisor**, who provides expertise in the planning, design, and implementation of electric vehicle (EV) charging infrastructure, and **Phil Clark, Hydrogen and Renewable Energy Business Development Advisor**, who brings extensive knowledge in hydrogen fueling systems and renewable energy solutions. Their contributions ensure that TAIT remains at the forefront of sustainable transportation infrastructure development.

CTO Workflow and Process





TAIT'S PROJECT MANAGEMENT APPROACH AND METHODOLOGY

The City's engineering design and support services require careful planning, effective communication, and precise execution to ensure successful delivery of transit facility projects, including capital improvements, capital maintenance, and facility modifications. **Our team is well-versed in the City's Contract Task Order (CTO) structure and the three project phases: Design Phase, Bidding and Award of Contract Phase, and Construction Monitoring Phase.**

To ensure consistent and reliable services, **TAIT will employ our proven 5-step project management protocol on each assigned contract which includes: Understand > Assign > Plan > Execute > QA/QC.**

The following is a brief outline of our project management approach and key components of each step:

1. Understand

Upon receiving a CTO from the the City, TAIT conducts an initial review to assess project requirements. Our team researches existing conditions, including field, environmental, regulatory, and stakeholder considerations, to ensure we fully understand the project scope. We coordinate with the City through meetings and discussions to clarify objectives, expectations, and limitations, ensuring alignment before moving forward. This initial step will be used to gain a full understanding of the project needs, what areas of expertise will be demanded, and what are the items that may affect the design of the project. Key questions for each TAIT

discipline lead on project will include:

- **TAIT Civil:** Total area of impact, grade constraints, utilities and drainage implications, need for regional permits, Right of Way constraints, traffic impacts, etc.
- **TAIT Architect:** Extent of building needs, code implications for improvements, New vs. Retrofit cost benefit, etc.
- **TAIT Fueling:** Type of fuel source needed (gas/diesel/ev/hydrogen), regulation implications, cost of replacement vs. maintenance, on-going cost and maintenance needs, space and circulation planning, etc.

2. Assign

TAIT assigns a Senior Project Manager to oversee each task order and designates a Project Engineer whose expertise aligns with the project scope. Additionally, for transit infrastructure projects involving alternative fueling systems, TAIT assigns Ryan Bloom, EV Infrastructure Advisor, to oversee electric vehicle infrastructure planning and implementation, and Phil Clark, Hydrogen and Renewable Energy Systems Advisor, to provide expertise on hydrogen fueling and renewable energy integration.

For specialized disciplines, we engage our network of experienced subconsultants for which we have maintained the same bank of on-call consultants for nearly the past decade. This targeted assignment process with our proven team ensures that all aspects of the project are effectively managed by qualified professionals.

TAIT's ability to assign Civil, Architectural, and Fueling



design to in house members will surely benefit the City on the broad list of project needs identified in this RFP.

3. Plan

Upon selection of the team and comprehension of the project needs, we will prepare and submit a clear and concise scope of work, project schedule, and fee proposal that includes all necessary tasks to successfully complete the contract. Key considerations during the planning phase will include:

- funding source (local/state/fed.)
- permit/ doc. requirements,
- stakeholder requirements/needs,
- level of design detail desired,
- stormwater quality requirements,
- coordination and meeting needs,
- overall scheduling needs.
- Community coordination
- Renderings & Presentations
- Etc.

4. Execute

Upon selection of the TAIT team and issuance of the notice to proceed, TAIT will implement the project plan with meticulous detail to ensure that all civil engineering design work is carried out with the highest standards of quality and efficiency. Our assigned project manager will maintain open communication with the City and will remain available and responsive to the City's needs throughout the life of the project. TAIT's execution of the contract includes the following key items:

Safety Policies and Procedure

Job site and workplace safety is always top of mind

at TAIT. In order to ensure safety remains a focus, TAIT implements a mandatory, monthly, worksite safety meeting for all field personnel at the company. The safety meetings provide valuable opportunities for our associates to learn of the required job site safety measures and to continue their education and understanding of job site safety needs. Safety responsibilities are also outlined by Managers, Committee members, and associates based on category and type of work.

TAIT also implements annual health screenings for field personnel in order to ensure associates are safe and capable of being on site to perform duties.

Identification and Mitigation of Potential Issues

TAIT diligently works to maintain schedule by actively managing resources and workflows to address challenges as they arise. At the outset, we develop detailed project schedules that include clear milestones, permitting requirements, and coordination timelines. If delays occur, TAIT promptly reassesses personnel assignments, reallocates resources, and adjusts workflows to maintain alignment with project objectives.

To mitigate the impact of delays, TAIT deploys strategies such as assigning additional staff, approving overtime, or involving senior-level experts to accelerate progress—all without incurring additional costs to the the City. Regular team meetings provide a forum to evaluate progress, identify potential risks, and implement corrective measures in real-time. These actions ensure the project remains on schedule while maintaining quality and alignment with the the City's goals.

**Cost Control**

TAIT manages costs by developing accurate and detailed estimates based on CAD-derived quantities and recent local bid data. Our engineer's estimates include contingencies to accommodate potential construction variability and ensure financial flexibility during bidding and execution. We use Deltek software to segment and track design costs by task, enabling early identification of potential overruns and timely corrective measures. Accurate and detailed designs reduce construction costs by supporting competitive bidding. TAIT collaborates closely with the City to align budgets, schedules, and project priorities, maintaining transparency and accountability throughout the process.

5. Quality Assurance and Quality Control Program (QA/QC)

The ongoing and critical feature of our design process is our Quality Assurance/Quality Control (QA/QC) Program. For Civil lead projects, Todd Broussard P.E., QSD/P, oversees TAIT's QA/QC Program. For architecture, Randy Syphus oversees the program.

TAIT's QA/QC Program focuses on the following four primary objectives:

- To ensure that a quality design has been provided by following our in-house design checklists
- To verify that different disciplines and agencies have been coordinated
- To verify that the proposed improvements are constructible, and
- To verify that a cost effective analysis approach was followed to achieve the client's goals

TAIT utilizes a Total Quality Management approach.

TAIT's philosophy is that quality control begins at day one and does not end until the project is constructed.

Quality Control is the responsibility of each and every team member.

It includes the selection of project team members who have demonstrated through experience the ability to understand and apply the project objectives to achieve a specific goal. It requires open and continuous communications between all team members and the client.

TAIT has developed internal design checklists. Design checklists are used by our design team as a component of our firm's QC process.

Timely Quality Control Reviews are provided.

Before plans are submitted to outside parties and the approving agency/agencies for review and approval, TAIT's QA/QC Manager or his designated QC team member conducts a thorough review to verify the quality, constructibility and completeness of the submittal. A typical TAIT QA/QC Program includes the following steps:

1. PM initiates the QC process at agreed upon project milestones.
2. QA/QC Manager reviews the submittal with the Project Manager (PM) to obtain project specific information and conducts a limited review on the completeness of the submittal
3. Review of the Submittal – Submittal is reviewed using TAIT's internal checklists. Necessary corrections are identified on the submittal which is returned to the PM.
4. QA/QC Manager and PM review the QC comments to set a course of action. Any proposed Value Engineering (VE) measures are reviewed to determine the appropriate next step.
5. The PM meets with the design team to monitor progress and verify design documents.
6. Package is submitted to agency for review & approval.



D. STAFFING

TAIT affirms that all key personnel designated for this project will be available to the extent proposed for the duration of the contract. No individual identified as "key" to the project shall be removed or replaced without the prior written concurrence of the Authority. TAIT is committed to maintaining continuity in project staffing to ensure the successful execution of all assigned tasks.

Resumes are included in the Appendix per the City's Q&As direction.

NAME/LOCATION	CLASSIFICATION / DESIGNATION	LICENSES/ REGISTRATIONS	YEARS OF EXPERIENCE	TIME WITH FIRM
Jacob Vandervis, P.E. Santa Ana Office	Principal-in-Charge	CA No. C46301	39	28
David Sloan, P.E. Santa Ana Office	Lead Project Manager	CA No. C82595	18	10
Todd Broussard, P.E., QSD/P Santa Ana Office	QA/QC Manager	CA No. C57144	38	13
Dennis Postler, P.E. Santa Ana Office	Sr. Professional Engineer (Roadways)	CA No. C46106	38	3
Samantha Wohlfarth, P.E. Santa Ana Office	Professional Engineer (Utilities)	CA No. C86126	13	13
Daniela Malott, P.E. Santa Ana Office	Professional Engineer (Drainage/Water Quality)	CA No. C86581	13	8
Michael Tran, E.I.T. Santa Ana Office	Alternate Utilities Engineer	--	12	7
Ryan Haskin, P.E. Santa Ana Office	Alternate Drainage/W.Q. Engineer	CA No. C84850	13	13
Michael Furlong, PLS Santa Ana Office	Sr. Professional Surveyor	CA PLS No. 8899	46	6
Reese Brashear, LSIT Santa Ana Office	Field Party Chief	CA LSIT No. 7868	22	22
Bill Duree Dallas Office	Fuel Systems Specialist	--	41	34
Phil Clark Denver Office	Renewable Energy Business Development Advisor	--	15	2
Ryan Bloom Oklahoma Office	Electric Vehicle (EV) Infrastructure Advisor	--	15	1
Subconsultants				
TJW/Thomas Wheat, P.E.	Sub-consultant/Traffic Engineering	CA No. 69467	--	--
SoCalGeo/Pablo Montes	Sub-consultant/Geotechnical Consulting	--	--	--
CDPC/Jim Baldwin	Sub-consultant/Landscape Architecture	CA No. 4176	--	--
NCM/Transystems/Mohan Char	Sub-consultant/Bridge/Structural Engineering	CA, 57894	--	--



ORGANIZATION CHART

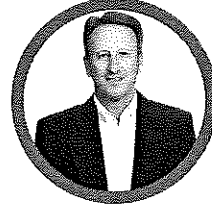
LEADERSHIP



Jacob Vandervis
PE/QSD/P
Principal-in-Charge



David Sloan
PE
Lead Project Manager



Todd Broussard
PE/QSD/P
QA/QC Manager



Dennis Postler
PE
Sr. Professional Engineer

ENGINEERING & SURVEY

ARCHITECTURE



Samantha Wohlfarth
PE
Professional Engineer (Utilities)



Daniela Malott
PE
Professional Engineer (Drainage)



Michael Furlong
PLS
Sr. Professional Surveyor



Dan Hinson
Architect
Principal/Architect



Drew Ericson
NACRB, LEED AP
Sr. Project Manager



Randy Syphus
Sr. Architect, AIA, NCARB
QA/QC Manager

FUEL, EV, & HYDROGEN



Bill Duree
Fuel Systems Specialist



Phil Clark
Renewable Energy Business Development Advisor



Ryan Bloom
Electric Vehicle (EV) Infrastructure Advisor

SUBCONSULTANTS



TJW Engineering
Traffic Engineers



SoCalGeo
Geotechnical Engineers



CDPC
Landscape Architects



NCM/Transystems
Bridge/Structural Engineers



E. QUALIFICATIONS

We are proud to bring our extensive knowledge of local jurisdictional requirements, having successfully collaborated with agencies throughout the region. This understanding allows us to navigate regulatory processes efficiently and anticipate potential challenges, ensuring smoother project delivery and full compliance with all applicable federal, state, and local regulations.

Previous and Current On-Call Contracts:

Los Angeles County

On-Call Engineering Services

- City of Bellflower
- City of Rancho Palos Verdes
- City of Manhattan Beach
- City of Whittier
- San Gabriel Council of Governments
- City of Carson
- City of Gardena
- City of Lynwood
- City of La Mirada
- City of Hermosa Beach
- City of Seal Beach
- City of Glendora

On-Call Architectural-Engineering Services

- City of Diamond Bar

San Bernardino & Riverside County

On-Call Engineering Services

- City of Chino Hills
- City of Norco

On-Call Architectural-Engineering Services

- City of Chino
- County of Riverside

Orange County

On-Call Engineering Services

- City of Placentia
- City of Fullerton
- City of Irvine
- City of Lake Forest
- City of Newport Beach
- City of Santa Ana
- City of Stanton
- City of Yorba Linda
- City of Laguna Hills
- City of Fontana

On-Call Architectural-Engineering Services

- OC Sheriff's Dept.
- OC Fire Authority

Other

- On-Call Architectural Services, County of Orange
- On-Call Plan Checking, Land Development, Expedited Processing, OCPW/County of Orange
- On-Call Surveying, South Orange County Community District



TRANSPORTATION/ROADWAY IMPROVEMENTS

- El Toro Road and Median Improvements, City of Lake Forest — David Sloan, PM***
- Jeronimo & El Toro Widening, City of Lake Forest — David Sloan, PM***
- Dimension Dr., Civic Center Dr., & Portola Pkwy Rehab for City of Lake Forest — David Sloan, PM***
- Bonita Canyon and Ford Road Rehabilitation for City of Newport Beach — David Sloan, PM
- Campus Drive Pavement Rehabilitation, City of Irvine — David Sloan, PM
- Portola Parkway Resurfacing Design, City of Lake Forest — David Sloan, PM
- Jacaranda Neighborhood Rehab & Sewer Replacement for City of Fullerton — David Sloan, PM
- Citywide Street Resurfacing Project for City of Stanton — David Sloan, PM
- Area 6 Slurry Seal and Overlay Project for City of Diamond Bar — David Sloan, PM
- Mesa Drive Widening, City of Newport Beach — David Sloan, PM

*** Includes transit-related elements

FACILITIES — CIVIL

- Tustin Metrolink Station Redevelopment, OCTA
- Orange County Sheriff Department Headquarters Security Measures — David Sloan, PM
- East Station Perimeter Wall Project, City of Santa Ana — David Sloan, PM
- Baldwin Park City Yard Improvement, City of Baldwin Park — David Sloan, PM
- Silverado Library of the Canyons, County of Orange
- Orange County Animal Care Facility, County of Orange
- Tustin Family Campus, County of Orange
- Irvine City Hall UST Replacement, City of Irvine
- William Wollett Aquatic Center, IUSD, City of Irvine

FACILITIES — ARCHITECTURAL/ENGINEERING

- Baldwin Park City Yard Improvement, City of Baldwin Park

- Newport Beach Corporate Yard
- John Wayne Airport Restroom, County of Orange
- Civic Center Assessment, City of Corona
- Silverado Library of the Canyons, County of Orange
- Norco Library, City of Norco

TRANSIT FUEL TANK & INFRASTRUCTURE

- Los Angeles County Metropolitan Transportation Authority Fuel Tank System Upgrades and Environmental Compliance
- Santa Clara Transportation Agency Dispenser Replacements— Bill Duree, Fuel Systems Specialist
- Riverside Transit Agency Bus Maintenance Facility — Bill Duree, Fuel Systems Specialist
- Los Angeles World Airports Underground Storage Tank Inspection
- Metrolink/Southern California Regional Rail Authority Locomotive Fueling System— Bill Duree, Fuel Systems Specialist
- Caltrans Replacement of AST and UST Systems
- OCTA Removal of USTs and Installation of Fueling Systems

ALTERNATE FUELING

EV Charging

- Suburban Retail Center EV Charging Station, EVPassport — Ryan Bloom, EV Infrastructure Advisor
- Multi-Family EV Charging Stations, San Diego & Glendale, EVPassport— Ryan Bloom, EV Infrastructure Advisor
- Office Workplace EV Charging Hub, Walnut Creek, EV Passport — Ryan Bloom, EV Infrastructure Advisor
- DC Fast Charging Interstate Depots, National Electric Vehicle Infrastructure Program, Electric Era — Ryan Bloom, EV Infrastructure Advisor

Hydrogen Fueling

- Hydrogen Consultant for SoCal Gas — Phil Clark, Hydrogen Fueling Consulting
- First Element Fuel Program Rollout
 - Pasadena, Burbank, Moreno Valley, McClennan Park, Redwood City, Kettleman City, Oakland

Hydrogen Fueling Training

Phil Clark, Hydrogen Fueling Consulting

**References of Work Performed Form**

(List 5 Local References)

Company Name: TAIT & Associates, Inc.1. Name of Reference: Irvine Center Drive Pavement Rehab ProjectAddress: 1 Civic Center Plaza, Irvine, CA 92606Contact Name: Tim Callahan, PE Phone Number: (949) 482-8431Email: tcallahan@cityofirvine.orgDates of Business: 2023-20242. Name of Reference: El Toro Road Median & Pavement ImprovementsAddress: 100 Civic Center Dr. Lake Forest, CA 92630Contact Name: Doug Erdman, PE Phone Number: (949) 282-5233Email: derdman@lakeforestca.govDates of Business: 2020-20243. Name of Reference: Be Well-Irvine CampusAddress: 601 N. Ross Street, Second FL, Santa Ana, CA 92701Contact Name: Zoila Finch PE Phone Number: (714) 834-3766Email: zoila.finch@ocpw.ocgov.comDates of Business: 2020-Present4. Name of Reference: Figueroa Street Pavement RehabilitationAddress: 701 E Carson Street, Carson, CA 90745Contact Name: Gilbert Marquez, PE Phone Number: (310) 952-1700Email: gmarquez@carsonca.govDates of Business: 2023-20255. Name of Reference: Von Karman Avenue Pavement Rehabilitation ProjectAddress: 100 Civic Center Drive, Newport Beach, CA 92660Contact Name: Ben Davis, PE Phone Number: (949) 644-3317Email: BDavis@newportbeachca.govDates of Business: 2023



REFERENCE DESCRIPTIONS

Irvine On-Call Engineering:

Irvine Center Drive Pavement Rehab Project City of Irvine

TAIT was selected by the City of Irvine to provide civil engineering and surveying on the Irvine Center Drive Pavement Rehabilitation Project from Pacifica to Lake Forest Drive. The project limits include a total of 2 miles of arterial roadway rehabilitation on Irvine Center Drive and a 3 lane arterial roadway with bike lanes extending through the City of Irvine.

TAIT has been on call with the City of Irvine since 2014 and has completed several projects.

The project includes the design of pavement rehabilitation strategies as well as the identification and replacement of non-ADA compliant curb ramps, sidewalk, replacement of damaged curb and gutter, coordination with IRWD and Caltrans for encroachment approvals at I-405

Overpass, and the identification and adjustment/protection of utility facilities throughout the project limits. Extensive coordination was conducted with the City to verify that the pavement replacement scenario is in line with the proposed and revised grades.

Reference Contact:

Tim Callahan, PE
1 Civic Center Plaza,
Irvine, CA 92606
(949) 482-8431
tcallahan@cityofirvine.org

Client:

City of Irvine

Construction Costs:

\$8 million

Project Dates:

Design: 2023

Construction: 2024

Key Personnel:

PIC: Jacob Vandervis
PM: David Sloan
QA/QC: Dennis Postler
PE: Chris Engelbach

Additional Projects:

*Irvine Center Drive Pavement
Rehabilitation*

*Campus Drive Roadway
Improvement Project*

*Underground Fuel Storage
Tank Removal*



Lake Forest On-Call Engineering:

El Toro Road Median & Pavement Improvements City of Lake Forest

TAIT was selected by the City of Lake Forest to provide civil engineering, surveying, and geotechnical engineering on the El Toro Median & Pavement Improvement Project from the I-5 Freeway at the south to Marguerite Parkway at the north. The project limits included a total of 5 miles of arterial roadway rehabilitation on Portola Parkway which is a 4 to 6 lane arterial roadway with bike lanes, middle turn lanes and intermittent medians.

TAIT has been on call with the City of Lake Forest since 2015 and has completed multiple projects.

Reference Contact:

Doug Erdman, PE
100 Civic Center Dr.
Lake Forest, CA 92630
(949) 282-5233
derdman@lakeforestca.gov

Client:

City of Lake Forest

Construction Costs:

\$14 million

Project Dates:

Design: 2020-2024

Construction: 2025

Key Personnel:

PIC: Jacob Vandervis
PM: David Sloan
QA/QC: Dennis Postler

Additional Projects:

Portola Parkway Resurfacing

Citywide Traffic Signal Upgrade Project

Packer Place Linear Park Drainage Improvements

Ascension Median Acceleration Lane Project

PPLT Traffic Signal Improvements

Glenn Ranch Road Rehab.

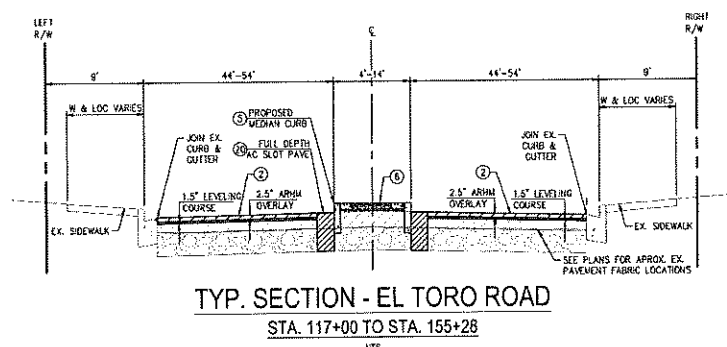
Jeronimo & El Toro Widening

Dimension Drive, Civic Center Drive, & Portola Parkway Rehabilitation Project

The project included the design of new, landscaped medians between Jeronimo Road and Trabuco Road, as well as pavement rehabilitation along the entire project limits. The project also included the identification and replacement of non-ADA compliant curb ramps, sidewalk, replacement of damaged curb and gutter, signage and striping and the identification and adjustment/protection of utility

facilities.

This project also included incorporation of the design improvements for the Jeronimo Road Widening project which was also designed by TAIT and included right of way dedication and retaining wall design. This project will be phased for construction for the median improvements and Jeronimo.





County of Orange On-Call Engineering:

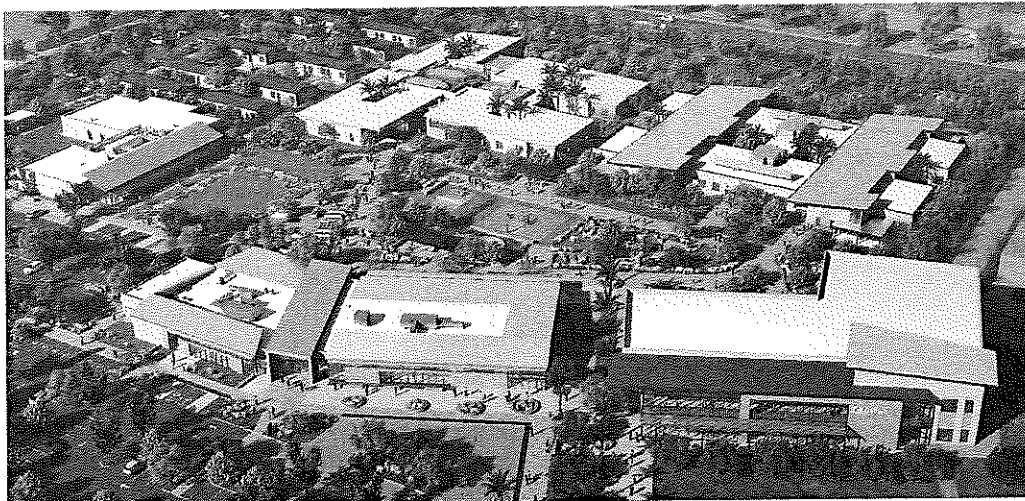
Be Well-Irvine Campus City of Irvine

This complex offers a new kind of care for behavioral health services in orange county providing community and client social support services via education, rehabilitation, medication counseling, and case management.

TAIT is the master civil engineer for the entire re-development working with the County of Orange and design-firm Gensler. Tied together via a network of public open spaces inspired by the patients it serves, the featured buildings house not only outpatient services and medical clinics, but also gathering places for the community to learn and engage around mental health.

TAIT has been on call with the County of Orange since 2010 and has completed several projects.

The scope of work for TAIT is currently serving as Master Engineer for the new Class-A Irvine campus. It is also expected to feature 24 crisis stabilization beds, as well as a 12-bed sobering station and residential substance use treatment beds for adolescents and women who are pregnant or have young kids.



Reference Contact:

Zoila Finch PE
County of Orange, CEO Real Estate, Land Development
County Administration South
601 N. Ross Street, Second FL, Santa Ana, CA 92701
(714) 834-3766
zoila.finch@ocpw.ocgov.com

Client:

County of Orange

Design Costs:

\$600 K

Project Dates:

2020-Present

Key Personnel:

PM: Jacob Vandervis

Additional Projects:

Kellogg Drive Sidewalk Gap Closure Project

OC Animal Care Facility

Silverado Library of the Canyon

Tustin Family Campus

Kellogg Drive Sidewalk Gap Closure Project

Hall of Administration

El Toro Development-100 Acres



Carson On-Call Engineering:

Figueroa Street Pavement Rehabilitation City of Carson

TAIT was selected by the City of Carson to provide design engineering, surveying, and geotechnical engineering services for Figueroa Street from Carson Street to Lomita Boulevard. The project included nearly 2 miles of arterial collector roadway rehabilitation on Figueroa Street which is a 4-lane arterial roadway with raised and painted medians. The scope of work included field identification and design of over 770,000 SF of AC Pavement Mill & Overlay, and over 184,000 SF of full-depth pavement Digouts and Reconstruction.

Reference Contact:

Gilbert Marquez, PE
701 E Carson Street,
Carson, CA 90745
(310) 952-1700
gmarquez@carsonca.gov

Client:

City of Carson

Construction Costs:

\$8.3M

Project Dates:

Design: 2023-2024

Construction: 2024-2025

Key Personnel:

PIC: Jacob Vandervis

PM: Dennis Postler

QA/QC: David Sloan

PE: Aaron Richter

Additional Projects:

213 Street Pavement Rehab

*MLK Jr. Street Pavement
Rehab and Reconstruction*

*Lomita Boulevard Road
Reconstruction and Drainage
Impts*

*Central Ave/University Drive
Traffic Signal Impts*

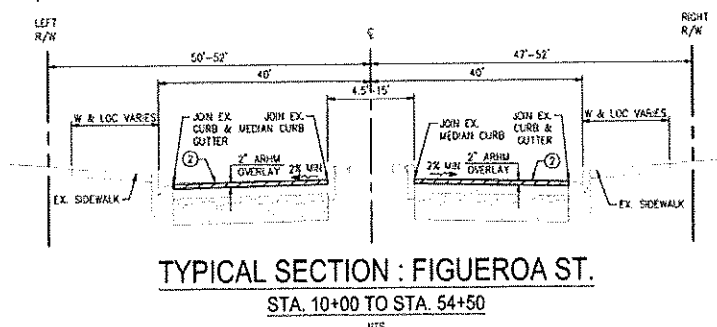
*Carson Street Left Turn Lanes
Analysis*

Main Street Pavement Rehab

TAIT has been on call with the City of Carson since 2022 and has completed several projects.

This project included surveying, civil engineering and geotechnical engineering for 1.8 miles of an arterial collector roadway. The roadway rehabilitation methods included full-width grind and ARHM overlay, and full-depth roadway section removal and reconstruction where needed. The project also included concrete pavement and cross-gutters reconstruction, repair of damaged sidewalks, pedestrian ramps, driveways and curbs & gutters

to meet Americans with Disabilities Act (ADA) requirements, identification and adjustments/protections of existing utility facilities, signing & striping improvements, and tree removals and replacements based on safety hazards. Additionally, the project included permit coordination for a BNSF Railroad crossing and application for work within their right-of-way.





Newport Beach On-Call Engineering:

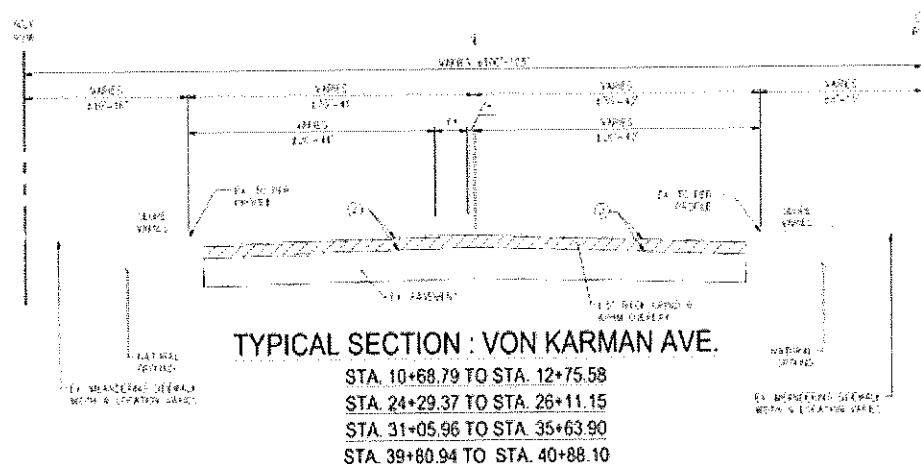
Von Karman Avenue Pavement Rehabilitation Project City of Newport Beach

TAIT was selected by the City of Newport Beach to provide civil engineering and surveying on the Von Karman Avenue Pavement Rehabilitation Project from MacArthur Boulevard to Campus Drive. The project limits included a total of 3,100 feet of arterial roadway pavement rehabilitation on a 4-lane, divided arterial roadway.

TAIT has been on call with the City of Newport Beach since 2016 and has completed several projects.

The project included surveying and federally-funded civil engineering design in order to receive approvals through Caltrans Local Assistance. Pavement rehabilitation strategies included a mixture of full-width and variable edge grind and overlay improvements. Additionally, the identification and replacement of non-ADA compliant curb ramps, driveways,

and sidewalk, replacement of damaged curb and gutter, coordination with IRWD, the identification and adjustment/protection of utility facilities throughout the project limits, and signing & striping to include new bike lanes was also part of the project scope.

**Reference Contact:**

Ben Davis, PE
100 Civic Center Drive,
Newport Beach, CA 92660
(949) 644-3317
BDavis@newportbeachca.gov

Client:

City of Newport Beach

Construction Costs:

\$1.5 million

Project Dates:

Design: 2023

Construction: 2023

Key Personnel:

PIC: Jacob Vandervis
PM: David Sloan
QA/QC: Dennis Postler
PE: Mel Anacion

Additional Projects:

*Newport Heights Alley &
Sewer Replacement Project*

*Newport Heights Trash
Transfer Station Grading*

*Irvine Ave. Sidewalk Gap
Closure Project*

*Mariners Library Parking Lot
Expansion Project*

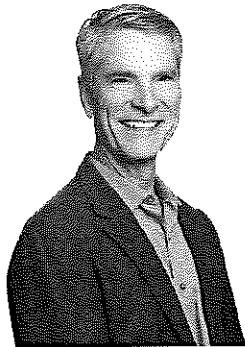
Mesa Dr. Roadway Widening

*Old Newport Rd. Shoulder
Improvement*

*Bonita Canyon and Ford Road
Resurfacing Project*



APPENDIX-RESUMES



Jacob Vandervis, P.E.,
QSD/P

Principal-in-Charge

Education

**B.S. Civil Engineering
– California State
University, Long Beach**

Year of TAIT Team Enlistment

1997

Total Experience

39

Certifications

**Registered Professional
Engineer, Civil – CA, OR,
AZ, UT, NV, ND, WA, HI,
& AK.**

**Professional Engineer
California No. C46301**

Mr. Vandervis currently serves as a Vice President/Chief Operations Officer in TAIT's Corporate Office in Santa Ana. In addition to his management duties, he acts as the primary point of contact for several national retail and residential developers. Mr. Vandervis is a licensed civil engineer with over 39 years of experience with land development projects in the western United States. His areas of expertise include site design, grading design, drainage studies, water pollution control plans, erosion & sediment control plans, as well as street improvement plans. He is experienced in site design of all sizes for commercial development, involved in preliminary design to develop cost estimates & due diligence packages, as well as experienced in the entitlement phase of projects. His surveying experience includes the preparation of ALTA and topographic surveys, parcel maps, record of survey and legal descriptions. In addition, Mr. Vandervis has completed fuel tank upgrade programs for various major oil company sites, done facility upgrades for utility clients and has been responsible for entitlement, site design, utility coordination, plan approval, and construction administration on fueling projects. He is a certified Qualified SWPPP Developer (QSD), Certified Development, Design & Construction Professional (CDP) and Certified Retail Property Executive (CRX). **Selected Projects:**

Be Well-Irvine Campus, County of Orange, Project Manager, 2020-Present

Directed the preparation of grading plans, utility plans, and civil engineering design for a Class-A behavioral health campus in Irvine, CA. The 20-acre campus features outpatient services, 24 crisis stabilization beds, a 12-bed sobering station, and residential treatment facilities. Coordinated with the County of Orange and design firm Gensler to integrate open spaces and community engagement areas.

OC Animal Care Facility, County of Orange, Principal-in-Charge, 2016

Directed grading, utility, and stormwater management design for a \$28 million, 10-acre redevelopment on the former USMC Tustin Air Station. The facility includes a 40,000 SF administration building, six dog kennels, cat housing, and stormwater bio-filtration basins. Coordinated with multiple agencies, including the City of Tustin, OC Public Works, and the Department of Navy, to secure approvals and meet construction schedules.

**David Sloan, P.E.****Project Manager****Education****BS Civil Engineering – Tau
Beta Pi Honor Society &
Chi Epsilon, University of
Southern California****BS Physical Science, Biola****Year of TAIT Team Enlistment****2014****Total Experience****18****Certifications****Professional Engineer
California No. 82595**

As a Project Manager, David is responsible for supervising staff at TAIT on the preparation of public and private development projects. David has performed and coordinated detailed designs on federally funded arterial roadways, conducted utility coordination for major relocations on high profile projects and conducted project management efforts on multiple projects throughout the Southern California region. David has designed and managed the construction for multiple projects in the southern California region and is an ideal candidate to manage this project for the City. David is an effective communicator and actively stays in contact with his clients throughout the life of his projects. David has also managed multiple public works construction projects and understands the methods and costs of construction.

Selected Projects:**Baldwin Park City Yard Improvement Project, City of Baldwin Park,
Project Manager, 2021-2023**

As Project Manager, David provided in house services, including surveying, engineering, architectural, and fuel station design, for improvements to their City Yard. Those improvements include a total gut and reconfiguration of the main Administration building, as well as improvements to the warehouses and garage.

**Glenn Ranch Road Resurfacing Project, City of Lake Forest, Project
Manager, 2020-2021**

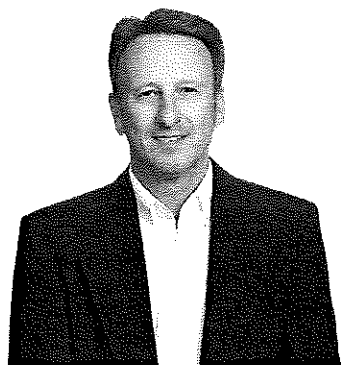
As Project Manager, David provided civil engineering, surveying, and geotechnical engineering on the Glenn Ranch Road Resurfacing Project from Portola Parkway to El Toro. The project limits included a total of 1.6 miles of arterial roadway rehabilitation on Glenn Ranch Road which is a 4-lane arterial roadway with middle turn lane and intermittent median for the full length.

**Jacaranda Neighborhood Rehabilitation & Sewer Replacement
Project, City of Fullerton, Project Manager, 2019-2020**

As Project Manager, David provided civil engineering services for the Jacaranda Neighborhood Pavement Rehabilitation and Sewer Main Replacement Project. The project was located in a historic neighborhood in the City of Fullerton that included over a mile of residential roadway rehabilitation and 2,700 linear feet of sewer main replacement within the neighborhood surrounding Jacaranda Place from the western cul-de-sac to Malden Avenue.

**Campus Drive Pavement Rehabilitation Project, City of Irvine, Project
Manager, 2017-2018**

As PM, David provided civil engineering and surveying on the Campus Drive Rehabilitation Project from Michaelson Drive to University Drive. The project limits include a total of 4000 linear feet of arterial roadway rehabilitation and reconstruction on Campus Drive which is a 2 lane arterial roadway with bike lanes extending through the City of Irvine. The project includes the design of pavement rehabilitation strategies as well as the identification and replacement of non-ADA compliant curb ramps, sidewalk, replacement of damaged curb and gutter, reconstruction and re-grading of the low point of the roadway due to flooding and ponding issues, coordination with IRWD and UCI for right of way and wetlands protection, and the identification and adjustment/protection of utility facilities throughout the project limits.



Todd Broussard, P.E.,
QSD/P
QA/QC

Education

**Master of Public
Administration, California
State University**

**B.S. -- Civil Engineering,
University of Louisiana,
Lafayette**

Year of TAIT Team Enlistment

2021

1989-1997

Total Experience

38

Certifications

**Professional Engineer
California No. C57144**

In addition to 17 years of private development experience, Mr. Broussard has over 21 years of municipal design and project management experience as Principal in Charge with the **City of Huntington Beach** Public Works Department, overseeing an annual Capital Improvement Program budget of approximately \$25 million per annum. Project specific responsibilities included street improvements, wastewater, stormwater, and special projects outside of the public right of way for the City as detailed below. **Selected Projects:**

Arterial Rehabilitation, Engineer of Record/Principal-in-Charge

Engineer of Record and/or Principal in Charge of the rehabilitation of approximately 60 miles of arterial highways, including adjacent curb & gutter, sidewalk and street landscaping. Was an early proponent of emerging technologies, including the utilization of Full Depth Reclamation (FDR) rehabilitation method, use of Hot Mix Rubberized Asphalt (HMRA), and Fiber Reinforced Asphalt Concrete (FRAC).

Residential Overlay, Engineer of Record/Principal-in-Charge

Engineer of Record and/or Principal in Charge of the rehabilitation of approximately 150 miles of residential street pavement.

Atlanta Street Widening Project, Principal in Charge

Principal in Charge of the Atlanta Widening project, which utilized Federal Funding, requiring and approvals from both Caltrans and OCTA. The widening required the relocation of overhead utilities, and 8 mobile homes and their residents. The project required an "Order of Immediate Possession" (Eminent Domain) proceedings in order to acquire the necessary right of way and therefore, coordination/meeting with both the City's and the property owner's attorneys. The project entitlements included a Mitigated Negative Declaration and Coastal Development Permit. Approvals from the State's Housing Community Development Department was also necessary as on-site improvements fell under their jurisdiction.

Warner Avenue Gravity Sewer Replacement Project, Principal-in-Charge

Served as Principal in Charge overseeing consultant designed Warner Avenue Gravity Sewer Replacement Project. This project upsized the existing sewer main utilizing the micro tunneling method of construction.

Alabama Storm Drain Upgrade Project, Engineer of Record/Principal-in-Charge

Served as Engineer of Record and Principal in Charge of the Alabama Storm Drain project to upsize approximately 2,200 lineal feet of storm drains. The project utilized a Federal Community Development Block Grant to fund the construction and required a Coastal Development Permit.



ON-CALL CIVIL ENGINEERING PROFESSIONAL CONSULTING SERVICES



Dennis Postler, P.E.,
Director of Public
Infrastructure/Sr.
Professional Engineer

Education

B.S. Civil Engineering –
University of Minnesota

Year of TAIT Team Enlistment

2023

Total Experience

38

Certifications

Professional Engineer
California No. C46106
Minnesota No. 22011
Wisconsin No. 28521-6
Michigan No. 6201068766

Dennis Postler is Director of Public Infrastructure of TAIT & Associates' Engineering Division in Santa Ana, CA. He is responsible for supervising staff at TAIT on the preparation of public infrastructure projects. As a Project Manager, Dennis has been involved with local roadway and federally funded arterial roadways design and management, public utility design and relocation, traffic design, and park development and design for over 38 years. In addition to managing and designing public capital improvement projects, Dennis has functioned as consulting city engineer to municipalities, has provided general city engineering services and managed plan reviews for developments, land division, stormwater, and final construction. He also provides budgeting assistance; facility planning; sanitary sewer, water main, and storm sewer master planning; special assessments assistance; and QA/QC review and construction management. These services enable Dennis and his staff to efficiently assist public clients with their engineering and public works needs by being an extension of their staff. His work for both the public and private sectors has allowed Dennis to gain invaluable experience in understanding and appreciating what both sides bring to the table.

Figueroa Street Rehabilitation, City of Carson, Project Manager, 2023-24

This project includes surveying and civil engineering for 18 miles of an arterial collector roadway. The roadway rehabilitation methods include full-width grind and overlay, and full pavement replacement and reconstruction where needed. The project also included concrete reconstruction where needed. The project also included concrete reconstruction, repair of damaged sidewalks, driveways, curbs and gutters to meet Americans with Disabilities Act (ADA) requirements, signing and striping improvements, tree removal and replacement based on safety hazards.

Las Palmas Area Street Rehabilitation, City of Fullerton, Project Manager, 2024

This project included surveying and civil engineering for a half mile of rural residential collector full-depth pavement reclamation, three quarters of a mile of residential collector full-width grind and overlay and full pavement replacement where needed, and a half mile of residential cul-de-sacs slurry seal with full pavement replacement where needed. The project also included concrete reconstruction, repair of damaged sidewalks, driveways and curbs & gutters to meet Americans with Disabilities Act (ADA) requirements, signing & striping improvements, and removal and replacement and CIPP lining of damaged sanitary sewer and storm drain utilities.

Whittier Parks & Parking Lot Improvements – Michigan, Kennedy & Guirado Parks, City of Whittier, Project Manager, 2023-24

This project included Survey and Civil Engineering services for modifications and improvements to three parks in the City of Whittier. The project consisted of parking lot rehabilitations and ADA parking and pedestrian improvements in all three parks. Specific improvements to each park included basketball court and fitness court construction, restroom removal, and site improvements for a pre-fab building addition. Services included Topographic Survey, Utility Notifications/Coordination, Demolition Plan, Utility Plan, Grading Plan, Horizontal Control and Signing/Striping Plans. In addition, Specifications, Cost Estimates, Bidding Support, and Construction Support were included in the Scope of Services.



**Samantha A.
Wohlfarth, P.E.**
**Professional Engineer (Site/
Infrastructure)**

Education

**B.S. Civil Engineering,
Valparaiso University**

Year of TAIT Team Enlistment

2012

Total Experience

13

Certifications

**Professional Engineer
California No. 861216**

Ms. Wohlfarth has professional experience that includes the preparation of grading plans, water main replacement plans, storm drain plans and drainage reports, sewer plans, cost estimates and storm water management reports for public and private developments throughout Southern California, Western Washington, and North Dakota. Her project experience also includes the preparation of storm water quality reports such as SWPPP, WQMP, SUSMP and LID as mandated by the state and local municipalities. Ms. Wohlfarth has technical knowledge with multiple software programs including AutoCAD 2009-2018, Civil 3D, Land Desktop, Microstation, GeoPak, WWHM2012, RetainPro, and additional specialty programs.

Selected Projects:**Pipeline Management Program, FY2019-2020 Phase 1 Project****Glendale Water & Power, Project Manager/Engineer, 2019-2020**

TAIT was contracted to provide design build services with JDC for various neighborhood water main replacement projects. The project required the replacement of approximately 11,535LF of existing ACP water pipe within 8 local streets, while working in residential streets and incorporating a design that would work with many existing utilities. The process included obtaining DDW approvals for many of the segments.

Pipeline Management Program, FY2018-2019 Phase 1 Project**Glendale Water & Power, Project Manager/Engineer, 2018-2019**

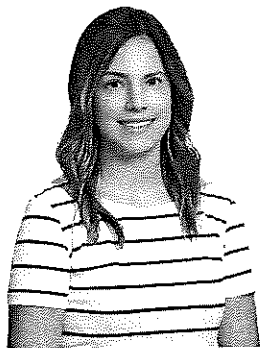
TAIT was contracted to provide design build services with JDC for the Pipeline Management Program, FY2018-2019 Phase 1 water main replacement project. The project was located in residential streets in various areas of Glendale which required our team to develop construction documents that could accommodate traffic while working in residential streets and a design that would work with many existing utilities.

Chino Quadrant III A, B, and C Water Line Replacement Project, City of Chino, Project Manager/Engineer, 2017-2018

This City project required the replacement of approximately 8000LF of existing 6-inch ACP water pipe with new 8-inch PVC water pipe within 13 local streets for the City. The process included obtaining DDW approvals for 8 of the 14 segments.

Hoover, Toll, Keppel Recycled Water Project, Glendale Water & Power, Project Manager/Engineer, 2016-2017

TAIT was contracted to provide design build services with JDC for the recycled water project within the Glenwood residential neighborhood and surrounding schools. The project was located in the residential streets in an area of Glendale which required our team to develop construction documents that could accommodate traffic while working and a design that would work with many existing utilities.

**Daniela Malott, P.E.****Professional Engineer
(Drainage/WQMP)****Education****M.S. Civil Engineering
(Hydrology & Water
Resources), University of
California, Irvine****B.S. Civil Engineering,
California State
University, Long Beach****Year of TAIT Team Enlistment****2017****Total Experience****13****Certifications****Professional Engineer
California No. C86581**

Mrs. Malott has a strong civil engineering background with a water resources and surface water focus. Her engineering experience includes storm drain design, hydrology analysis, and hydraulics analysis and modeling. Prior to working for TAIT & Associates, she was a Civil Engineer at Michael Baker International for 4 years. Before working at Michael Baker International she interned for the Los Angeles County Department of Public Works. Her computer modeling background includes the application of Watershed Modeling System (WMS), Advanced Engineering Software (AES) for hydrologic/hydraulic analysis in Southern California, Water Surface Pressure Gradient (WSPGW) Software, XP-Solutions Storm Water and Wastewater Management Model (XP-SWMM), AutoCAD Civil 3D, ArcGIS, and the U.S. Army Corps of Engineers HEC-HMS (Hydraulic Modeling System), HEC-SSP (Statistical Software package), and HEC-RAS (River Analysis Software). **Selected Projects:**

**WQMP/BMP Design for Bristol Street Improvements and Civic Center
Street Improvements, City of Santa Ana, Project Manager/Project
Engineer, 2020**

Mrs. Malott served as the Project Manager/Project Engineer, she provided client coordination, scheduling tracking, reviewed internal scheduling and supported the City in a timely manner and under the budget to achieve the project goals.

**El Salvador Park Multipurpose Regional Basin, City of Santa Ana,
Project Manager, 2020**

Mrs. Malott supported Project Management, and led the team's efforts for the Hydrology, Hydraulics and Water Quality Analysis and Calculations.

**Dana Point Harbor Revitalization, City of Dana Point Harbor, Project
Manager, 2018-Present**

Ms. Malott has provided stormwater technical design for the Master Plan of Drainage for Planning Areas 1 and 2, supported the development of the Hydrology and Hydraulics Basis of Design Report and WQMP for Planning Areas 3 and 4 for the Coastal Commission Project Application. Starting 2020, she has assisted as the Project Manager for the Commercial Core and Marina development portions of the DPH Revitalization Plan. As the Project Manager, Mrs. Malott has overseen the preliminary design of different aspects of the project, and the construction documents design and development for the Phase 2 of the Commercial Core Portion of the DPH Revitalization Plan. Additionally, Mrs. Malott has led a team of 10 Civil Engineering Designers to support the Projects efforts, while maintaining and providing coordination with the client and other subconsultants. Her organizational skills, civil design knowledge and experience, and communication abilities resulted in timely submittals and project reviews to achieve deadlines and project schedule, as well as to maintain project budget goals.



**Michael Furlong,
P.L.S.**

Sr. Professional Surveyor

Equipment

**GPS-Trimble & Lieca, Total
Stations Trimble & Leica,
Data Collectors- Trimble,
Leica & Allegro, Electronic
Levels, AutoCAD**

Year of TAIT Team Enlistment

2019

Total Experience

46

Certifications

CA P.L.S. No. 8899

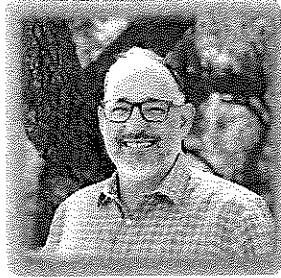
Mr. Furlong is a Land Surveyor licensed in the State of California with 46 years of experience, over 30 of those being in the Field on all types of Projects from Boundary Surveys to Construction Services with some of the largest listed below. More recently he has spent years providing Mapping Services preparing Tract Maps, Parcel Maps, Record of Surveys, Corner Records and Exhibits of all kinds as well as providing Support to Engineering and Field Support for the Survey Crews. **Selected Projects:**

Public Works Related Projects

- On-call Services for Caltrans District 7 East Contact Area providing Construction Staking and Topographical Surveys on various large widening and reconstruction Highway Projects including the 10, 110, 134 and 210 Freeways.
- Topo and mapping of various rivers at bridge crossings along HWY 101, Santa Clara County.
- SR 71 Segments 1 through 3 in Chino, 6 miles of new Freeway Construction.
- I-10 Segments 1 and 2 in Montclair and Ontario, 10 Miles of Freeway widening.
- SR 30/210 Segments 4, 5 and 7 in Rancho Cucamonga and Fontana, 6 miles of new Freeway Construction.
- I-10 in El Monte, 2 Miles of Freeway widening with 12 Undercrossing structures to be widened.
- SR 60 in Moreno Valley, 8 miles of Freeway widening.

Subdivisions

- Coyote Canyon, a 400 Lot Development in North Fontana with extensive Storm Drain Improvements.
- Sunnymead Ranch a 2000 Lot Development in Moreno Valley.
- Infrastructure for Moreno Valley Ranch a large Development in Moreno Valley.
- Many other Residential and Commercial Development Projects in Orange, San Bernardino and Riverside County.

**THOMAS J. WHEAT, P.E., T.E.***Principal-in-Charge / Owner***CAREER SUMMARY**

Mr. Thomas J. Wheat, P.E., T.E., is the owner and Principal of TJW. He has been involved in the traffic engineering profession for over twenty-six years managing and designing traffic engineering and transportation planning related projects for both the public and private sectors. His versatile experience includes a wide variety of design and construction projects, and traffic engineering studies. This includes, traffic signals, traffic control, signing and striping, signal timing, ITS, traffic impact studies, warrant analyses and traffic safety studies. Acting as an extension of staff, Mr. Wheat has represented agencies and cities at City Council meetings, Planning Commissions, Public Works Committees, and public outreach meetings. With expertise in traffic engineering, Mr. Wheat has also provided plan check services to the cities of Canyon Lake, Perris, and San Jacinto in Riverside County as well as to the Public Works Department of Orange County.

Leading the TJW team, TJW has had the opportunity to design miles of signing and striping plans and traffic control plans and over 45 traffic signalized intersections and roundabouts within the Orange County Great Park and Neighborhoods in the City of Irvine since 2012. Along with the design, TJW analyzed the capacity and efficiency of roundabouts surrounding Great Park's sports park. In addition to design work, Mr. Wheat has also prepared a variety of traffic engineering studies including traffic impact studies, trip generation studies, parking studies, safety studies, and warrant analyses, to name a few, for various clients and agencies throughout Southern California as well as for public agencies on the East Coast.

Mr. Wheat also has substantial experience in the operations side of traffic signals where he has created timing plans for individual signalized intersections as well as signal systems by using modeling programs, such as Synchro and SimTraffic. He has had the opportunity to adjust and implement timing plans into individual field controllers along with a city's centralized signal system computer.

RELEVANT EXPERIENCE

- Citywide Traffic Signal Upgrades, Lake Forest, CA
- Great Park Neighborhood Traffic Engineering Design, Irvine, CA
- Willow Lane and Manzanita Lane Pedestrian Signal Warrant Review and Pedestrian Beacon Design, Thousand Oaks, CA
- Eucalyptus Ave. and Auto Mall Dr. HAWK Signal Design, Moreno Valley, CA
- US-395 and SR-18 (Palmdale Road) Traffic Analysis and Off-Site Design, Victorville, CA

EDUCATION*B.S. (Civil Engineering) 1995***REGISTRATION***Professional Civil Engineer
(CA) C69467**Professional Civil Engineer
(VA) 33614**Professional Traffic
Engineer (CA) TR2565***ADDITIONAL SKILLS**
*Contract Management**Project Management*



RESUME

Pablo Montes
Project Engineer

Professional Registrations

Engineer in Training, June 2005
Nuclear Density Gauge Certification, December 2005

Education

BS Civil Engineering, California State Polytechnic University, 2005

Experience

Mr. Montes is involved with all phases of project coordination, scope definition, proposals, design and analysis, and report preparation.

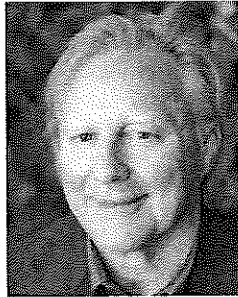
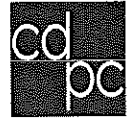
Mr. Montes' duties at Southern California Geotechnical include assistance in preparing of Geotechnical Investigations, drafting geotechnical plans, performing slope stability analyses, pile design, cost estimates, and supervising lab work. Mr. Montes' duties also include grading and earthwork observation and testing at construction sites as well as preparing compaction reports.

Professional History

Southern California Geotechnical, Inc.
Yorba Linda, California
Staff Engineer
November 2005 to Present



Resume



JIM BALDOVIN

Principal Landscape Architect

Jim is the founder and Principal Landscape Architect of Conceptual Design + Planning Company. A Landscape Architect with over 40 years of hands on experience, Jim embodies CDPC's philosophy of 'social environmentalism' and is responsible for the company's strategic planning and business development. He is actively involved in all aspects of project development including site planning, development of design concepts, quality control review and construction administration. Jim is always focused on the project requirements, program elements, sustainable environmental concerns and client needs. Jim's diverse background brings a unique point-of-view and approach to all of CDPC's projects. He is an advocate for the practice of Landscape Architecture and helps maintain industry professionalism by mentoring students and recent college graduates. The projects below are a sampling of CDPC's experience with Public Works projects.

Project Role

Principal Landscape Architect

Years of Experience

40+

Years with CDPC

31

Registration

Landscape Architect

California 4176

Arizona 46496

Colorado 1135

Hawaii LA18985

New Mexico 649

Nevada 941

Texas 3261

Utah 10438291

Washington 1451

Education

BS Landscape Architecture,

California Polytechnic

State University, San Luis Obispo

Professional Affiliations

ASLA, AIA, BIA, CALA, ICSC

Philanthropy

Board Member, The Bourke

Family Foundation

Lights for Literacy

Cal Poly, San Luis Obispo

Landscape Architect

Mentoring Program

Cal Poly, San Luis Obispo

Alliance Foundation

Project Highlights

L.A. County Shiela Kuehl Wellness Center | San Fernando, CA

Also known as the San Fernando Mental Health Center, this County of Los Angeles design-build project, completed in 2019, is a new single-story mental health building. The 17,500 San Fernando mental health center is designed to support the youth of Los Angeles County diagnosed with mental illness in an inviting, community-oriented, safe atmosphere that promotes a sense of wellness. After a rigorous qualification/design competition process through the County of Los Angeles' Department of Public Works, the SWA Architects Team, which included CDPC, was selected. CDPC's role as the landscape architect included development of building entry plaza, central courtyard patio, a setting for public art, ADA accessibility and overall landscape design.

Michigan Avenue Traffic Circles | Santa Monica, CA

CDPC was part of the project team to create four new 400 square foot traffic circles along Michigan Avenue in the City of Santa Monica. The traffic circles were constructed to slow traffic and beautify the street along Michigan Avenue in accordance with the Michigan Avenue Neighborhood Greenway Concept Plan. CDPC provided landscape design services for the intersections including plant palette selection and irrigation construction drawings. Water efficient landscaping and irrigation compatible with City standards was utilized.

Knight Way & Gould Avenue Streetscape | La Canada Flintridge

Working in conjunction with the City of La Canada Flintridge and civil engineer, CDPC provided landscape design solutions to improve pedestrian and vehicular traffic flow along a stretch of Knight Way and Gould Avenue adjacent to Paradise Canyon Elementary School. Informational and public outreach meetings were held to solicit input and feedback from residents and the surrounding neighborhood regarding the widening project. Other services on this project include conceptual design and construction documents for the landscape treatment of the streetscape as well as accommodations for protection of the California Live Oaks.



Resume Template

FULL NAME (include credentials like PE, PLS, etc.)	MOHAN CHAR, PE – BRIDGE DESIGN LEAD
EDUCATION (degree, major, school)	<ul style="list-style-type: none">• PhD, Structural Engineering, University of Arizona, Tucson, Arizona, 1993• MS, Structural Engineering, Memorial University of Newfoundland, St. John's, Newfoundland, Canada, 1988• BS, Civil Engineering, University of Madras, Chennai, India, 1986
LICENSES/REGISTRATIONS (type, state, number)	<ul style="list-style-type: none">• Professional Engineer (Civil), CA, 57894
CERTIFICATIONS	<ul style="list-style-type: none">• N/A
YEARS OF EXPERIENCE (year started)	30 years total, 11 with TranSystems
QUALIFICATIONS OVERVIEW (Summarize overall experience. Discuss accomplishments and any written publications/standards. Include measurable/quantitative data [years in a certain discipline, largest project value, etc.] as much as possible. Include niche experience and/or specialty software knowledge/proficiency. Be concise and compelling. Ultimately, this will become a summary paragraph or two.) As an acclaimed project executive, Mohan's career, spanning over 30 years, has been marked by his collaborative approach to managing large and small multi-disciplinary teams. His leadership has been instrumental in guiding funding assistance (HBP, PNRS, TIGER, ATP), geometrics, traffic, structures, drainage/stormwater, hydraulic/scour, geotechnical, coordinating right-of-way and utilities, and identifying and incorporating solutions that balance environmental impacts and capital costs. His keen understanding of the decision-making process for each project development phase has allowed him to focus his team on fundamental design decisions, project risks, and critical path activities, ensuring successful project outcomes. Mohan's extensive experience has allowed him to work with a diverse range of clientele, from Caltrans and regional planning agencies to counties and cities; his broad portfolio demonstrates his adaptability and versatility and instills confidence in his ability to cater to the unique needs of differing clients and projects, ensuring their success.	
PROJECT EXPERIENCE (Write each project in the order provided: responsibilities first, then project background.) Project Role, Project Name, Client, Location (City, State): Explain your responsibilities on the project in one to two sentences. Provide project background (cost, size, schedule, # of subs, etc.). Project Manager / Structure Lead, Bridge Preventive Maintenance Program Plan Projects, Multiple Agencies: City of Rancho Santa Margarita, County of San Diego/Tulare/Kings/Kern, City of Huntington Beach, Caltrans, Multiple Cities, CA	

EXHIBIT "B"

Payment Schedule (Hourly Payment)

A. Hourly Rate

CONSULTANT'S fees for such services shall be based upon the following hourly rate and cost schedule:

SEE ATTACHED EXHIBIT B

B. Travel Charges for time during travel are not reimbursable.

C. Billing

1. All billing shall be done monthly in fifteen (15) minute increments and matched to an appropriate breakdown of the time that was taken to perform that work and who performed it.
2. Each month's bill should include a total to date. That total should provide, at a glance, the total fees and costs incurred to date for the project.
3. A copy of memoranda, letters, reports, calculations and other documentation prepared by CONSULTANT may be required to be submitted to CITY to demonstrate progress toward completion of tasks. In the event CITY rejects or has comments on any such product, CITY shall identify specific requirements for satisfactory completion.
4. CONSULTANT shall submit to CITY an invoice for each monthly payment due. Such invoice shall:
 - A) Reference this Agreement;
 - B) Describe the services performed;
 - C) Show the total amount of the payment due;
 - D) Include a certification by a principal member of CONSULTANT's firm that the work has been performed in accordance with the provisions of this Agreement; and
 - E) For all payments include an estimate of the percentage of work completed.

Upon submission of any such invoice, if CITY is satisfied that CONSULTANT is making satisfactory progress toward completion of tasks in accordance with this Agreement, CITY shall approve the invoice, in which event payment shall be made within thirty (30) days of receipt of the invoice by CITY. Such approval shall not be unreasonably withheld. If CITY does not approve an invoice, CITY shall notify CONSULTANT in writing of the reasons for non-approval and the schedule of performance set forth in **Exhibit "A"** may at the option of CITY be suspended until the parties agree that past performance by CONSULTANT is in, or has been brought into compliance, or until this Agreement has expired or is terminated as provided herein.

5. Any billings for extra work or additional services authorized in advance and in writing by CITY shall be invoiced separately to CITY. Such invoice shall contain all of the information required above, and in addition shall list the hours expended and hourly rate charged for such time. Such invoices shall be approved by CITY if the work performed is in accordance with the extra work or additional services requested, and if CITY is satisfied that the statement of hours worked and costs incurred is accurate. Such approval shall not be unreasonably withheld. Any dispute between the parties concerning payment of such an invoice shall be treated as separate and apart from the ongoing performance of the remainder of this Agreement.

EXHIBIT "B"



Schedule of Fees

Employee Classification	Hourly Rate
06 – Engineering Assistant	95.00
18 – Project Administrator.....	125.00
04 – Engineering Designer I	165.00
10 – Engineering Designer II	190.00
03 – Project Engineer I	215.00
25 – Project Engineer II	225.00
117 – Senior Project Engineer.....	235.00
02 – Professional Engineer/Licensed Surveyor	260.00
17 – Senior Professional Engineer/Surveyor	270.00
52 – Principal II.....	310.00
01 – Principal.....	295.00
15 – Structural Engineer	285.00
05 – Permit Expediter I	125.00
11 – Permit Expediter II	145.00
09 – Project Coordinator	170.00
07 – Surveyor.....	150.00
07 – Surveyor (Prevailing Wage).....	165.00
08 – Senior Survey Specialist/ Party Chief.....	195.00
08 – Senior Survey Specialist/ Party Chief (Prevailing Wage).....	215.00
00 – Two-man survey crew.....	345.00
00 – Two-man survey crew (Prevailing Wage)	380.00
22 – One Man Survey Crew with Robotics.....	220.00
13 – Project Manager I.....	190.00
54 – Entitlement Director	225.00
125 – Assistant Project Manager.....	170.00
90 – Project Manager II.....	215.00

The hourly rate for client authorized overtime and for representation at hearings and meetings after 6:00 p.m. will be invoiced at 1.5 times the posted rate.

All rates are subject to annual CPI increases on January 1st of each year.

Prevailing wage rates are subject to change according to predetermined rate increases.

2. Mileage, Travel and Per Diem

Auto Mileage: IRS Rate plus 15 percent

Air Travel and Auto Rental: Actual cost plus 15 percent

Per Diem: Actual cost of lodging and meals, plus 15 percent

3. Materials and Supplies

Office and CADD supplies are included in the hourly rates. Prints, plots and reproductions are charged at cost plus 15 percent from commercial blueprint companies. In-house reproduction charges are as follows:

	Prints	Plots	Color Plots
Bond	\$.95/s.f.	\$.95/s.f.	\$6.00/s.f.
Vellum	1.35/s.f.	1.65/s.f.	7.50/s.f.

4. Reimbursable Expenses

Will be billed at cost plus 15 percent. Client will pay directly for all permit and agency fees; otherwise cost plus 15%. Subconsultant invoices will be billed at cost plus 15%.

5. Insurance Coverage

General Liability: \$2,000,000

Errors/Omissions: \$1,000,000

California Workers' Compensation - Statutory

Certificates of insurance coverage will be provided upon request.

Fee Schedule: 2024SC Prevailing Wage

TJW ENGINEERING, INC.
STANDARD COMPENSATION SCHEDULE
(Effective January 2025)

Classification	Hourly Rate
Principal	\$260.00
Principal Traffic Engineer/Planner	\$235.00
Senior Engineer/Planner	\$175.00 - \$200.00
Project Engineer/Planner	\$125.00 - \$175.00
Asst. Project Engineer/Planner	\$100.00 - \$150.00
Technician	\$100.00 - \$125.00
Administration	\$85.00 - \$125.00
Aide	\$65.00 - \$85.00

GENERAL PROVISIONS OF AGREEMENT

1. The above schedule is for straight time. Overtime will be charged at 1.5 times the standard hourly rate. Hourly rates apply to work time as well as travel time and waiting time, which occur at meetings and public hearings.
2. Unless otherwise stated in the contract, project-related travel, reproduction, and supply costs are billed at cost. Mileage will be billed at prevailing standard mileage rate as determined by the IRS. Subcontractors and other project-related expenses will be billed at cost plus 15%.
3. Unless otherwise stated in the contract, invoice will be submitted monthly for work in progress and/or upon completion of TJW Engineering's (TJW) scope of work. Progress invoices are payable within 30 days of the invoice date or upon completion of the scope of work. Any unpaid invoice after 30 days shall incur a late fee service charge of the maximum interest rate allowed by law or two (2) percent per month whichever is less.
4. Client hereby agrees that the balance in a billing statement is correct and binding unless the client notifies the consultant in writing within fifteen (15) days of the date of billing and informs consultant of the alleged incorrect item.
5. All documents produced as a result of this agreement may be used by TJW Engineering (TJW) without consent from the client.
6. TJW makes no warranty as to its findings except that the work is performed using generally accepted methods.
7. Unless otherwise stated in the contract, the client agrees to limit TJW's liability to the client, due to professional negligent acts, errors, or omissions by the consultant, to the consultant's fee.
8. Any controversy or claim arising out of or relating to this contract, or the breach thereof, shall be settled by arbitration in accordance with the rules of the American Arbitration Association, and Judgment upon the award rendered by the arbitration may be entered in any court having jurisdiction thereof.

STANDARD FEE SCHEDULE (Prevailing Wage)

PERSONNEL - CONSULTING & TESTING SERVICES

A) Principal Engineers & Geologists	\$260.00/hr
B) Senior Engineers & Geologists	\$210.00/hr
C) Project Engineers & Geologists	\$185.00/hr
D) Staff Engineers & Geologists	\$175.00/hr
E) Deputy Grading Inspector/Deputy Soils Technician	\$180.00/hr
F) Technician	\$180.00/hr
G) Laboratory Services	\$100.00/hr
H) Drafting	\$115.00/hr
I) Expert Witness & Depositions	\$550.00/hr
J) Clerical	\$100.00/hr
• Additional Copies (Reports)	\$55.00/ea
• Additional Copies (Oversize Plans)	\$10.00/pg

GEOTECHNICAL LABORATORY TESTING

A) Visual Classification by Engineer/Geologist	\$6.00/ea
B) Moisture Content (ASTM D-2216)	\$20.00/ea
C) Density of Undisturbed Sample	\$20.00/ea
D) Organic Content by Combustion (ASTM D-2974)	\$110.00/ea
E) Atterberg Limits (ASTM D-423/429)	\$190.00/test
F) Expansion Index EI (Expansion Index) Test (UBC Standard 18-2)	\$200.00/test
G) Specific Gravity (ASTM D-854)	\$125.00/test
H) Grain Size Analysis	
• Mechanical Analysis (Sand or Gravel)	\$105.00/test
• Including Wet Wash over No. 200 Sieve	\$160.00/test
• Hydrometer Analysis	\$135.00/test
• Mechanical and Hydrometer Analysis (ASTM D-422)	\$250.00/test
• Wet Wash over No. 200 Sieve Only (ASTM D-1140)	\$90.00/test
• Sand Equivalent	\$110.00/test
I) Maximum Density Determination (with Curve)	
• Standard Proctor (ASTM D-698/AASHTO T-99)	\$220.00/test
• Modified Proctor (ASTM D-1557/AASHTO T-180) 4 inch Mold	\$220.00/test
• Modified Proctor (ASTM D-1557/AASHTO T-180) 6 inch Mold	\$260.00/test
J) R-Value	\$300.00/test
a. Cement Treated R-Value	\$385.00/test
K) California Bearing Ratio - Per Point	\$300.00/test
L) Unconfined Compression	
• Pocket Penetrometer	\$6.00/test
• Full Unconfined Compression of Undisturbed Sample, with Curve	\$110.00/test
M) Direct Shear (Including 3 Points)-Soil	\$400.00/test
b. Cement treated Direct Shear	\$500.00/test
N) Consolidation Testing (Including Curve)	
• Time Rate With Maximum 12.8 ksf Load	\$550.00/test
• Single Point	\$150.00/test
• Consolidation/Collapse, No Time Rate Data	\$190.00/test
• Swell Percent and Pressure	\$190.00/test
O) Sulfates Only	\$70.00/test
P) pH/Resistivity/Chlorides/Nitrates/Sulfates	\$240.00/test
Q) Chlorides Only	\$105.00/test

Note: Prices for geotechnical laboratory testing services not included above will be quoted upon request.

NOTES

- 1) Projects will be invoiced biweekly for services performed during the previous billing period. All invoices are due upon receipt, and late fees of 1.5% per month will be charged on all balances more than 30 days past due, not to exceed the maximum allowable under California state law.
- 2) All personnel services and time charged portal/portal.
- 3) Direct non-salary expenses for engineering and technical personnel charged at cost + 15%.
- 4) The personnel billing rates are applicable to normal working hours; overtime rates are applicable for services in excess of 8 hours per day, performed outside the hours of 7 am to 6 pm, as well as Saturdays, double time rates for Holidays, Sundays and Night work. Night work is defined as technician services initiated after 4 pm and/or which go beyond 8 pm. Overtime is billed at 130% of standard rates and double time is 200% of standard rates. Minimum monitoring fee 3 hours per trip.

EFFECTIVE JANUARY 1, 2024



Rate Schedule



Role	Rate
Managing Principal	\$180.00
Jim Baldovin RLA 4176	
Associate Principal	\$170.00
Matt Kohlenberger RLA 2207	
Director of Design	\$160.00
Jennifer Frederick, License Pending	
Senior Landscape Architect	\$140.00
Masumi Ozawa RLA 3667	
Gary Glandon RLA 3791	
Landscape Architect	\$130.00
Arborist	\$130.00
Senior Project Manager	\$120.00
Erik Peterson	
Richard Ramirez	
Project Manager	\$110.00
Vianney Minjarez	
Vincent Rojas	
Job Captain	\$100.00
Kathleen Canta	
Senior Draftsperson	\$ 95.00
Marc Escobar	
Draftsperson	\$ 90.00
Jake Larkin	
Hector San Martin	
Jr. Draftsperson	\$ 80.00
Clerical	\$ 70.00
Denise Riches	
Sandra Milligan	
Chloe Smith	

TranSystems (A Gannett Fleming TranSystems Company)
Schedule of Hourly Rates for SPECIFIC PROPOSAL – West Offices

Classification	Rate	Classification	Rate
Administrative Manager I	206.00	Administrator I	108.00
Administrative Manager II	243.00	Administrator II	157.00
Analyst I	135.00	Engineer I	157.00
Analyst II	173.00	Engineer II	189.00
Analyst III	238.00	Engineer III	260.00
Analyst IV	287.00	Engineer IV	308.00
Analyst V	378.00	Engineer V	443.00
Architect I	157.00	Industry Specialist I	162.00
Architect II	189.00	Industry Specialist II	216.00
Architect III	270.00	Industry Specialist III	270.00
Architect IV	324.00	Industry Specialist IV	281.00
Architect V	432.00	Industry Specialist V	297.00
Civil Engineer I	168.00	Mechanical Engineer I	152.00
Civil Engineer II	216.00	Mechanical Engineer II	179.00
Civil Engineer III	324.00	Mechanical Engineer III	270.00
Civil Engineer IV	395.00	Mechanical Engineer IV	324.00
Civil Engineer V	454.00	Mechanical Engineer V	405.00
Construction Services I	130.00	Planner I	135.00
Construction Services II	173.00	Planner II	157.00
Construction Services III	238.00	Planner III	227.00
Construction Services IV	277.00	Planner IV	335.00
Construction Services V	297.00	Planner V	351.00
Construction Services VI	324.00	Structural Engineer I	168.00
Designer I	125.00	Structural Engineer II	200.00
Designer II	135.00	Structural Engineer III	324.00
Designer III	195.00	Structural Engineer IV	378.00
Designer IV	238.00	Structural Engineer V	432.00
Designer V	297.00	Technician I	108.00
Electrical Engineer I	152.00	Technician II	146.00
Electrical Engineer II	179.00	Technician III	162.00
Electrical Engineer III	195.00	Technician IV	222.00
Electrical Engineer IV	276.00	Technician V	243.00
Electrical Engineer V	324.00		

- Sub-contracted labor, material testing equipment, printing and technical photography, and all other direct job costs to be paid at cost.
- Vehicle mileage to be paid at the current IRS rate per mile.
- The rates set forth on this initial Schedule of Rates shall be the rates provisions in effect from the date of this Agreement until December 31, 2028, and with an optional year through December 31, 2029. TranSystems will revise the Schedule of Rates annually. They will submit the revised Schedule of Rates, which shall automatically become effective with regard to this Agreement and the Services performed under this Agreement on January 1st of the next calendar year.