

PROFESSIONAL SERVICES CONTRACT BETWEEN
THE CITY OF HUNTINGTON BEACH AND
STANTEC CONSULTING SERVICES, INC.
FOR
ON-CALL CIVIL ENGINEERING, SURVEYING & 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 STANTEC CONSULTING SERVICES, INC., hereinafter referred to as "CONSULTANT."

WHEREAS, CITY desires to engage the services of a consultant to provide on-call civil engineering, surveying and 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 Mohamamd Heiat, 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 one year 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 One Million Dollars (\$1,000,000.00).

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: Chris Tanio
2000 Main Street
Huntington Beach, CA 92648

TO CONSULTANT:

Santec Consulting Services, Inc.
ATTN: Mohamamd Heiat, P.E.
38 Technology Drive
Irvine, CA 92618

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,
STANTEC CONSULTING SERVICES,
INC.

By: 

David Elwell

print name

Vice President

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

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

Mayor

City Clerk

By: 

Mohammad Heiat

print name

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

INITIATED AND APPROVED:

Director of Public Works

REVIEWED AND APPROVED:

City Manager

APPROVED AS TO FORM:

City Attorney 

ASSISTANT SECRETARY'S CERTIFICATE
for
STANTEC CONSULTING SERVICES INC.
A NEW YORK, CORPORATION

I, the undersigned, do hereby certify that:

1. I am the duly elected and acting **Assistant Secretary** of **Stantec Consulting Services Inc.**, a **New York** corporation (the "**Corporation**").

2. On **April 1, 2021**, the following resolution was adopted by the Corporation's Board of Directors:

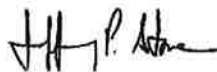
BE IT RESOLVED THAT:

1. the Corporation hereby adopts the Signing Authority Policy, as modified or amended from time to time, of Stantec Inc.
2. execution of any documents for and on behalf of the Corporation shall be governed by the Signing Authority Policy, as modified or amended from time to time, of Stantec Inc.;
3. the Secretary or any of the Corporate Counsels of the Corporation be authorized, empowered and directed from time to time as required to facilitate the execution of contracts or submission of proposals, to sign, and to seal with the Corporate Seal, Certificates of the foregoing action evidencing the authority delegated in the Signing Authority Policy, as amended from time to time, of Stantec Inc.

Mohammad Heiat is a **Principal** of the Corporation, and in that capacity is duly authorized to sign contracts in accordance with the Corporation's Signing Authority Policy in connection with the following project:

City of Huntington Beach, CA
Professional Services Agreement for On-
Call Civil Engineering, Surveying &
Professional Services Contract

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Corporation, this 21st day of May 2021.



**Jeffrey P. Stone, Vice President and Associate
General Counsel and Assistant Secretary**



EXHIBIT "A"

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

CONSULTANT shall provide consulting services on an 'as-needed' basis for projects to be determined during the term of the agreement. During the term of the agreement, CITY may elect to solicit proposals from CONSULTANT. CITY shall issue task order for each project based upon the scope of services, work schedule, and fee proposal submitted to CITY for its review and approval.

B. CONSULTANT'S DUTIES AND RESPONSIBILITIES:

CONSULTANT'S duties and responsibilities shall be per CONSULTANT'S Statement of Qualification (Exhibit A), consistent with the City of Huntington Beach Request for Qualifications for On Call Civil Engineering Consulting Services. Upon award, and the contract period, if CONSULTANT chooses to assign different personnel to the project, CONSULTANT must submit the names and qualifications of these staff to CITY for approval before commencing work.

C. CITY'S DUTIES AND RESPONSIBILITIES:

1. Furnish scope of work request for each project.
2. Furnish construction plans and specifications to the CONSULTANT.

D. WORK PROGRAM/PROJECT SCHEDULE:

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



Request for Qualifications

ON-CALL CIVIL ENGINEERING, SURVEYING, AND PROFESSIONAL CONSULTING SERVICES

City of Huntington Beach, Public Works Department

March 22, 2021



Table of Contents

A. COVER LETTER	I
B. VENDOR APPLICATION FORM	III
C. PRE-QUALIFICATION FORM (EXHIBIT A)	V
D. SERVICE CATEGORY	1
I. Firm Qualifications	1
1. Team Capabilities	1
2. Key Personnel	2
3. Representative Projects	3
4. City Benefits: Experience Where it Matters	7
5. Resumes (See Appendix)	-
II. Staffing	8
1. Organizational Chart	F1
2. Key Personnel Qualifications	T1
III. Understanding and Methodology	9
E. RATE SHEET	(SEPARATE)
APPENDIX	
A. Resumes	
B. Licenses	



A. COVER LETTER

MARCH 22, 2021

ATTENTION:

Public Works Department
City of Huntington Beach
2000 Main Street
Huntington Beach, CA 92648

REFERENCE:

On-Call Civil Engineering,
Surveying, and Professional
Consulting Services

ACKNOWLEDGMENT:

- Without exception, we accept the City's standard form of agreement included in Appendix B of the RFP.
- We are able to meet the insurance requirements as outlined in Appendix C of the RFP.
- Section E. Rate Sheet will be submitted separately under Cost File in PlanetBids per the RFP.

STANTEC

38 Technology Drive
Irvine, CA 92618

Dear members of the Selection Committee,

Maintaining quality services for our communities while managing capital improvement budgets requires a seasoned and effective approach. For the City of Huntington Beach Public Works Department's (City) needs, an on-call consultant is the most efficient way to implement your upcoming projects. Stantec Consulting Services Inc. (Stantec) has designed a team specifically for you. Our proven and respected professionals are committed to quickly respond to your needs. With an experienced and flexible team that can successfully support multi-disciplined design engineering and surveying projects simultaneously, your projects will be in good hands. We are proven and respected professionals who are committed to respond quickly to our clients' needs.

Team plus client compatibility equals experience. Many of our team members have worked with you for years and have developed a professional and successful relationship. Drawing on this experience, we will seamlessly merge to keep your projects a priority—moving forward efficiently and on schedule. Our multidisciplinary team has worked on numerous on-call, local civil engineering, and surveying projects creating effective synergy throughout project delivery. We also support nearby communities on similar types of projects and our experience as outlined herein reflects the necessary services you require—highly qualified to meet your standards. We are familiar with the City's design standards and procedures and have worked on the following City projects:

- Interim City Surveyor for the City of Huntington Beach (2019 to Present)
- Beach Boulevard/Warner Avenue Intersection Improvements
- Sunset Beach Alley Water Main Replacement
- Residential Street Rehabilitation Project Monumentation Preservation Service (2011 to Present)

Practical project creativity and attention to detail. We are committed to designing innovative, implementable, and safe public infrastructure throughout your City. Through our extensive experience managing numerous on-call projects, we understand the process from task order conception through final project delivery. We have the knowhow, staff availability, and resources to quickly respond to your project's needs. We encourage you to contact our references who can attest to our accurate, thoughtful, and advantageous approach and implementation.

Ability to deliver cost-effective projects on schedule. We carefully scope the necessary level of effort to successfully meet your goals and believe that successful project delivery consists of not only completing the project on schedule, but also keeping within the given budget. We will work efficiently to maintain your budget, just as we have done on similar on-call contracts. Our team is available and committed to maintaining your overall vision, adhering to budget restrictions, and keeping the project(s) on schedule.

Our project manager and main point of contact, Mohammad Heiat, PE, is authorized to bind our team to all terms and conditions in your RFQ herein. Greg Sebourn, PLS, will serve as our survey task manager and has extensive knowledge of the City, working as Interim City Surveyor since 2019. Jeff Wilkerson, PE, will serve as the alternate representative and civil task manager. Mohammad, Jeff, and Greg are all based in our Irvine office, which is the closest office to the City. Additionally, several members of our staff reside in Huntington Beach.

Sincerely,

Stantec Consulting Services, Inc.



MOHAMMAD HEIAT, PE

Project Manager/Point of Contact
38 Technology Drive
Irvine, CA 92618
(949) 322-8083 cell
(949) 923-6962 office
mohammad.heiat@stantec.com



GREG SEBOURN, PLS, M. ASCE

Survey Task Manager
38 Technology Drive
Irvine, CA 92618
(949) 351-6121 cell
(949) 923-6953 office
greg.sebourn@stantec.com

B. VENDOR APPLICATION FORM

REQUEST FOR PROPOSAL

VENDOR APPLICATION FORM

TYPE OF APPLICANT: ☐ NEW ☒ CURRENT VENDOR

Legal Contractual Name of Corporation: Stantec Consulting Services Inc.

Contact Person for Agreement: Mohammad Heiat, PE

Corporate Mailing Address: 38 Technology Drive

City, State and Zip Code: Irvine, CA 92618

E-Mail Address: mohammad.heiat@stantec.com

Phone: (949) 923-6962 Fax: (949) 923-6121

Contact Person for Proposals: Mohammad Heiat, PE

Title: Project Manager/Point of Contact E-Mail Address: mohammad.heiat@stantec.com

Business Telephone: (949) 923-6962 Business Fax: (949) 923-6121

Is your business: (check one)

☐ NON PROFIT CORPORATION ☒ FOR PROFIT CORPORATION

Is your business: (check one)

☒ CORPORATION ☐ LIMITED LIABILITY PARTNERSHIP
☐ INDIVIDUAL ☐ SOLE PROPRIETORSHIP
☐ PARTNERSHIP ☐ UNINCORPORATED ASSOCIATION

Names & Titles of Corporate Board Members

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

Names	Title	Phone
Gord Johnson	CEO	(780) 917-7077

Federal Tax Identification Number: 11-2167170

City of Huntington Beach Business License Number: A261540
 (If none, you must obtain a Huntington Beach Business License upon award of contract.)

City of Huntington Beach Business License Expiration Date: 1/31/2022

C. PRE-QUALIFICATION FORM (EXHIBIT A)

EXHIBIT A: PRE-QUALIFICATION FORM ON-CALL CIVIL, SURVEYING & PROFESSIONAL CONSULTING SERVICES

MRH (Initial) Consultant is willing to execute the Agreement as drafted (See **Appendix B**).

MRH (Initial) Consultant is able to provide the insurance as required (See **Appendix C**).

Firm Name: Stantec Consulting Services Inc.

Firm Address: 38 Technology Drive, Irvine, CA 92618

Signature:  Date: March 22, 2021



D. SERVICE CATEGORY

PUBLIC AGENCY REFERENCES:

GENERAL CIVIL

City of Newport Beach

Andy Tran, Senior Civil Engineer |
(949) 644-3315 |
atran@city.newport-beach.ca.us

City of Mission Viejo

Richard Schlesinger, City Engineer |
(949) 470-3079 |
rschlesinger@cityofmissionviejo.org

City of Seal Beach

Iris Lee, Deputy Director of Public Works/City Engineer |
(562) 431-2527 ext. 1322 |
ilee@sealbeachca.gov

City of Laguna Beach

Mark Trestik, City Engineer |
(949) 497-0300 |
mtrestik@lagunabeachcity.net

SURVEY

Los Angeles County Sanitation District

Scott Partridge, PE, Senior Engineer, Solid Waste Operations and Engineering |
562-908-4288 ext. 6017 |
spartridge@lacsd.org

I. FIRM QUALIFICATIONS

WHY STANTEC?

We are active members of the communities we serve. That's why at Stantec, we always design with community in mind. The Stantec community unites approximately 22,000 employees working in over 350 locations across 6 continents. We collaborate across disciplines and industries to bring infrastructure projects to life. For the past 67 years, our work—professional consulting in planning, engineering, architecture, landscape architecture, surveying, environmental sciences, project management, and project economics—begins at the intersection of community, creativity, and client relationships.

We have the experience to implement your civil and survey assignments for local, state and federally funded projects. Since 1954, Stantec's local knowledge and strong relationships, coupled with our world-class expertise on these types of projects, have allowed us to meet our clients' needs in creative and personalized ways. Our Orange County office is home to more than 150 professionals and can connect with more than 1,250 other staff members throughout California.

Our team brings a high level of commitment, enthusiasm, and experience to meet the requirements of any project. We have the resources and abilities to provide personalized service while keeping the work on schedule and within budget. Your professional service needs will be met with our team's high-quality work, good communications, and effective project management. We believe in building relationships with clients based on trust, respect, and integrity of information. It is our goal to create a partnering process that encourages clear and open communication between all team members. Our collective project knowledge and experience is the strength behind our organization and the reason we deliver successful projects.

KEY PERSONNEL - A TEAM DESIGNED FOR YOU



Mohammad Heiat, PE: Project Manager and Point of Contact

Mohammad offers more than 40 years of civil engineering experience with extensive emphasis in transportation, site development, and water resources for a broad range of local, state, and federally funded public works projects. His experience includes an extensive list of capital improvement facilities design, roadway and intersection improvement plans, master plans, runoff management plans, and drainage structures. He will provide leadership and guidance to the civil support staff, just as he has done on numerous local on-call efforts.



Greg Sebourn, PLS, M. ASCE: Survey Task Manager

Greg has more than 21 years of professional experience in numerous aspects of land surveying and mapping. His expertise includes business development; project management; client management; and surveying, mapping, and map checking services. Greg works with public and private entity clients throughout Southern California. Greg also has extensive experience in land surveying and mapping education, and is a professor at Rio Hondo College, a guest lecturer at Santa Ana College, and serves on the Cal Poly Pomona Civil Engineering Advisory Council. Greg is significantly active in the land surveying professional community, having served as the California Land Surveyors Association's (CLSA) Director and CLSA's Orange County Chapter President.



Jeff Wilkerson, PE: Civil Task Manager/Alternate Project Manager

Jeff brings more than 21 years of civil engineering design and project management experience working for both public and private clients, with an emphasis on municipal transportation and site improvement projects such as street improvement, active transportation, park, and parking lot projects.. He has been responsible for the project management, conceptual level design, and delivery of final plans, specifications, and estimates (PS&E) for projects with a wide range of size and scope. Jeff is known for his hands-on design skills, organizational abilities, and delivering projects on schedule and under budget.

REPRESENTATIVE PROJECTS



CLIENT NAME:

City of Newport Beach

CONSTRUCTION VALUE: \$4M

TIMELINE:

January 2012-January 2016

CLIENT CONTACT:

Andy Tran, Senior Civil Engineer
(949) 644-3315
atran@city.newport-beach.ca.us

KEY PERSONNEL:

Mohammad Heiat (PIC),
Jeff Wilkerson (PM),
Greg Sebourn, Keith Rutherford,
Dan Hayes, Roger Chung, Dave Lew

SERVICES PROVIDED:

- Design Survey/ROW Engineering
- Environmental Documentation
- Coastal Development Permit
- Traffic and Operation Analysis
- Conceptual Design
- Road/Median Improvements
- Pavement Rehabilitation
- ADA Curb Ramp Improvements
- Parking Lot Improvements
- Drainage and Water Quality
- Traffic Signal and Striping Design
- Retaining Wall Design
- Landscaping and Irrigation
- Traffic Control Plans
- Utility Coordination/Relocation
- Bid and Construction Support
- As-Built Plans

AWARDS:

- 2016 APWA BEST Project Award
- 2016 ASCE Award for Roadway and Highway Project of the Year

NEWPORT BOULEVARD WIDENING AND PARKING LOT IMPROVEMENTS | Newport Beach, CA

The City of Newport Beach needed to increase the capacity of Newport Boulevard between 30th and Via Lido Streets to accommodate existing circulation, as well as the anticipated increase in traffic from a new boutique hotel soon to be constructed within the project limits. The City also requested landscaping and street amenities to enhance the area and ultimately blend in with the look of the new hotel. However, adding additional travel lanes, while providing areas for landscaping was challenging due to the close proximity of existing buildings on both sides of the road. An accelerated schedule was required to help ensure the improvements were completed before the summer when traffic along the peninsula increases significantly.

As prime consultant for all project phases, Stantec staff provided several conceptual design options to the City. The chosen alternative increased the road's capacity by adding an additional northbound through lane between 30th Street to 32nd Street and an additional southbound through lane between Via Lido to 32nd Street. To do this, we realigned the road, eliminated on-street parking, and narrowed the existing sidewalk. A new parking lot was constructed to mitigate the loss of parking and included a new decorative screen wall to reduce noise impacts to the adjacent property owner. Finally, we constructed new concrete bike lanes along both sides of Newport Boulevard to provide a connection to the existing bike lanes along 32nd Street, west of Newport Boulevard.

**CLIENT NAME:**

City of Mission Viejo

CONSTRUCTION VALUE: \$4M

TIMELINE:

September 2006-December 2015

CLIENT CONTACT:

Richard Schlesinger, City Engineer
(949) 470-3079
rschlesinger@cityofmissionviejo.org

KEY PERSONNEL:

Mohammad Heiat (PIC),
Jeff Wilkerson (PM),
Greg Sebourn, Keith Rutherford,
Roger Chung, Dave Lew,
Nahid Heidarbahi

SERVICES PROVIDED:

- Design Survey/ROW Engineering
- Environmental Documentation
- Coastal Development Permit
- Traffic and Operation Analysis
- Conceptual Design
- Road/Median Improvements
- Pavement Rehabilitation
- ADA Curb Ramp Improvements
- Parking Lot Improvements
- Drainage and Water Quality Design
- Traffic Signal Design
- Traffic Striping Design
- Retaining Wall Design
- Landscaping and Irrigation Street Lighting
- Traffic Control Plans
- Utility Coordination/Relocation
- Bid and Construction Support
- As-Built Plans

OSO PARKWAY ROADWAY WIDENING IMPROVEMENTS | Mission Viejo, CA

Stantec provided preliminary engineering, final engineering, and construction support services for widening improvements along Oso Parkway between the I-5 freeway and Country Club Drive. These improvements fixed a bottleneck that existed within this segment of Oso Parkway which improved operations and eased congestion. We prepared a traffic capacity and operation analysis of widening alternatives and recommended adding one lane in each direction on Oso Parkway and modifying the signals at the I-5 northbound off ramp, Country Club and Montanoso Drives.

The widening improvements required the acquisition of additional right of way on both sides of the street which required negotiations with the Mission Viejo County Club (MVCC) and other private property owners. Several utilities along the existing sidewalks needed to be relocated, which required diligent coordinate efforts with San Diego Gas and Electric (SDG&E), Cox Communications, and other public utility companies. The box culvert at Oso Creek was lengthened to accommodate the additional lanes and was designed so that it could be modified without the contractor entering the creek. New retaining walls were required along the eastbound side of Oso Parkway, including a decorative MSE wall adjacent to the tenth hole at MVCC. The project also included preparation and processing of a PEER, Fact Sheet, and encroachment permit with Caltrans, District 12 for work near the I-5 on and off ramps inside the state right of way.

**CLIENT NAME:**

City of Huntington Beach

TIMELINE:

2011-ongoing

CLIENT CONTACT:

Alicia Ramos, Senior Capital Projects
Manager, Project Management
Division II
(626) 314-1245
aramos@dpw.lacounty.gov

KEY PERSONNEL:

Greg Sebourn (PIC/PM),
Joe Nelson (TM), Tessie Barriga,
Jason Shockley

SERVICES PROVIDED:

Monument Preservation

RESIDENTIAL STREET REHABILITATION PROJECT MONUMENTATION PRESERVATION SERVICES | Huntington Beach

Stantec is managing monumentation preservation services at more than 1,000 street and alley intersections throughout the City. The project has involved researching and collecting available record data (centerline ties, tract and parcel maps, corner records, and records of survey) for each monument included within the project limits.

Corner Records were prepared for each monument tied out in conformance with City standards, state law, Orange County Surveyor's Office guidelines, and then filed with the Orange County Surveyor's Office.

After construction work is completed, this process is largely repeated. Field crews then revisit each location to inspect where monuments or their ties were disturbed or destroyed. Once determined that a monument or tie has been disturbed or destroyed, new monuments and/or ties are reset, and Corner Records filed with the Orange County Surveyor's Office.

Stantec has provided these and other services through our current on-call contract.

**CLIENT NAME:**

City of Irvine

SPORTS PARK PROJECT

AREA: 175 Acres

TIMELINE:

May 2015-May 2018

CLIENT CONTACT:

Steve Sherwood, Assistant City Engineer
(949) 724-6000
ssherwood@cityofirvine.org

KEY PERSONNEL:

Sherry Weinmeier (PIC/PM),
Jason Shockley

SERVICES PROVIDED:

- Design Survey/ROW Engineering
- Grading
- Sewer
- Traffic Control Plans
- Emergency Evacuation and Routing Studies
- ADA Curb Ramp Improvements
- Parking Lot Improvements
- Drainage and Water Quality Design
- Traffic Striping Design
- Retaining Wall Design
- Utility Coordination/Relocation
- Bid and Construction Support
- As-Built Plans

GREAT PARK SPORTS PARK | Irvine, CA

A new kind of park' is a phrase used to describe the transformation occurring at the former El Toro Marine Corps Air Station. It isn't just a recreational area for families to come and enjoy some time outside. There are many different amenities that are located within the Great Park—a Farm + Food Lab, Palm Courts Art Complex, farmers market and picnic area, and a walkable historical timeline.

Working on a decommissioned Marine Corps air station, Stantec provided civil engineering design services for the sport park's development and design. The Orange County Great Park (OCGP) Sports Park includes 175 acres of recreational sports, including 4 parking lots, 13 soccer fields, 25 tennis courts, 4 basketball courts, 9 baseball/softball fields, 5 sand volleyball courts, and 3 multi-purpose fields. Engineering design services were also provided for the championship fields and stadiums for each of the areas. The site also includes a Visitor Center, which involved providing a point of connection to the domestic water system in the westerly area of the historical timeline. Effective coordination with Irvine Ranch Water District was critical to the center's addition.

We also provided construction support services through completion.



BENEFITS TO THE CITY

- Available, responsive staff and quick response capabilities
- Excellent communication and comprehensive coordination of all project issues
- Proven innovation and value engineering
- Attention to completing tasks on or ahead of schedule
- Local area knowledge
- Familiar with the City's review process and CIP program
- Highly qualified project management capabilities
- Comprehensive QA/QC Program

EXPERIENCE WHERE IT MATTERS

Stantec has assembled a highly-qualified team of consultants for this contract. We will provide overall project management, land surveying and base mapping, roadway design, drainage and water quality design and studies, traffic engineering design and studies, sewer and water design, landscaping and irrigation design, street light and electrical engineering design, environmental report preparation, utility coordination, right-of-way engineering, specification development and cost estimating, agency coordination and permits, quality control, and construction administration and support activities for work assignments. To supplement our staff, we have teamed with GPSi for aerial topographic surveys.

Our team of engineers and surveyors have a long history of working together and are familiar with the types of issues unique to your City and coastal communities in general. Our roadway and traffic leaders have worked together for more than 21 years on projects in Southern California and they understand the importance of minimizing disruptions to the local community and businesses and what it takes to efficiently process projects through Caltrans. We maintain a high-caliber reputation for designing successful public works, drainage, and water quality BMP improvements that seamlessly integrate into primary project components. Our staff has experience with jurisdictional agencies, including processing Coastal Development Permits for local agencies. We understand the unique challenges that coastal communities provide, such as the corrosive, salty air and an absolute zero tolerance for sewer spills. We have access to experts around the world who specialize in everything from roundabouts to Smart Streets, allowing us to address your project challenges. Our team has prepared or reviewed more than a thousand Corner Records for City projects and have worked on Huntington Beach Public Works projects since 2011. Currently, Greg Sebourn, PLS, works with a variety of departments to provide City Surveyor consulting services to staff.

RÉSUMÉS

Resumes and pertinent certifications and licenses for key staff have been included in the [Appendix](#).



II. STAFFING

TEAM CAPABILITIES

We have the experience to implement your project assignments. Each team member is committed to completing work on schedule and within budget. We will keep your projects moving forward seamlessly through close coordination with team members. Your professional service needs will be met with our team's high quality work, good communications, and effective project management. As a well-established local firm, Stantec has the resources and abilities to provide personalized service while keeping the work on schedule and within budget. Our team of engineers, designers and surveyors excel in developing, enhancing safety, and rehabilitating infrastructure for public facilities, while preserving recreational assets and the natural environment.

ORGANIZATION CHART

Figure 1 on the following page shows our Organization Chart and Table 1, Key Personnel Qualifications, summarizes team member's role, credentials, proof of California professional licenses required to perform the scope and specifications of requested services, and years of experience.

PERSONNEL CHANGES

Any personnel changes made after award and during the contract, will be submitted to the City for approval.

FIGURE 1.

ORGANIZATION CHART

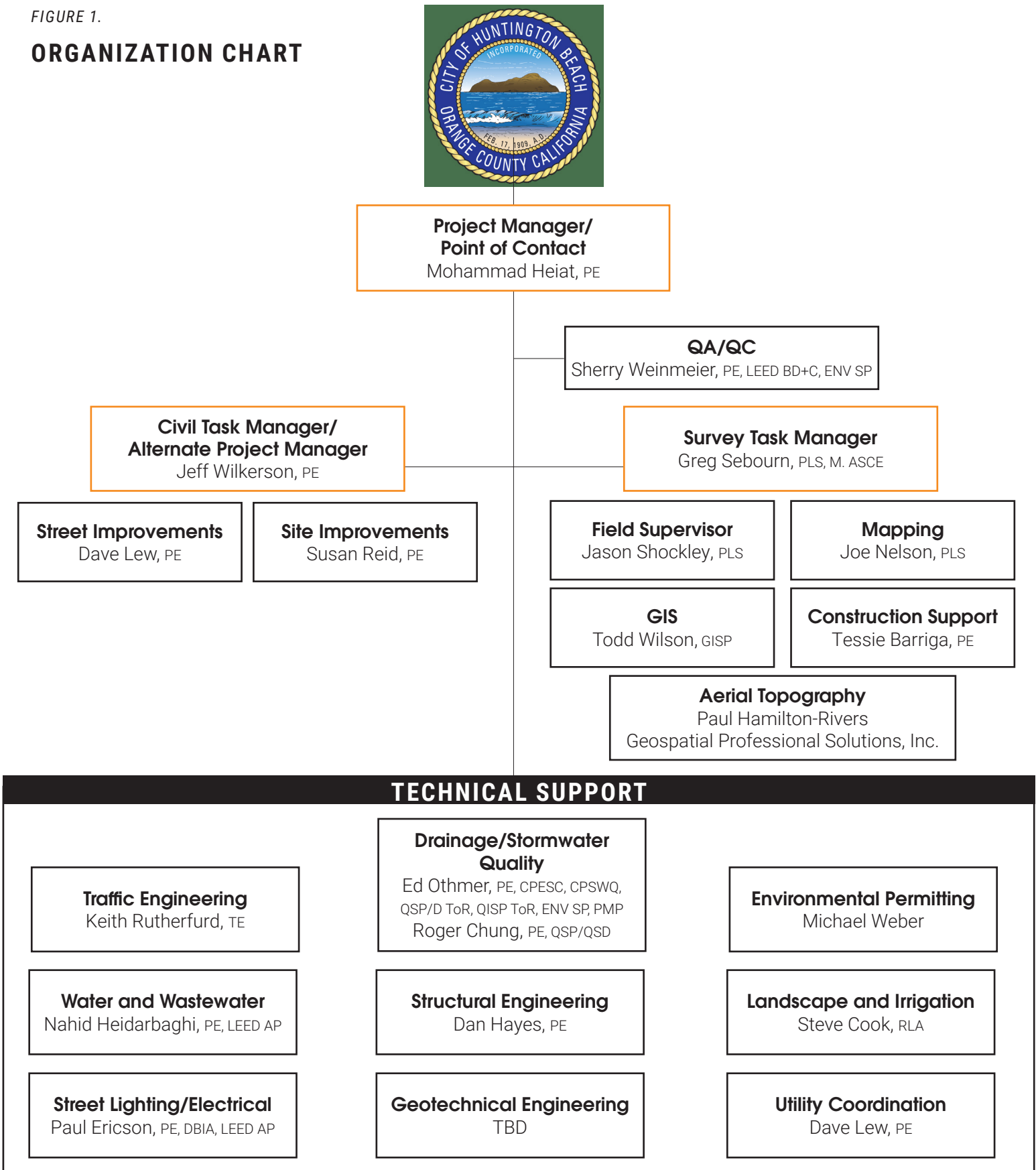


TABLE 1.

KEY PERSONNEL QUALIFICATIONS

Name	Role	Years of Experience	Education	California License	Company
Mohammad Heiat	Project Manager/ Point of Contact	40	BS, MS	PE #45776	Stantec
Greg Sebourn	Survey Task Manager	21	AS	PLS #8395	Stantec
Jeff Wilkerson	Civil Task Manager and Street Design	21	BS, MS	PE #63466	Stantec
Sherry Weinmeier (Bankson)	QA/QC	37	BS	PE #41751, ENV SP, LEED AP	Stantec
Dave Lew	Street Improvements/ Utility Coordination	10	BS	PE #88915	Stantec
Susan Reid	Street Design	28	BS	PE #56872	Stantec
Jason Shockley	Field Supervisor	28		PLS #9105	Stantec
Joe Nelson	Mapping	11	AS	PLS #9432	Stantec
Todd Wilson	GIS	23	BA	GISP #00061973	Stantec
Tessie Barriga	Construction Support	41	BS	PE #50152, QSD/QSP #01316	Stantec
Paul Hamilton-Rivers	Aerial Topography	29		N/A	GPSI
Keith Rutherford	Traffic	36	BS, MS	TE #1647	Stantec
Nahid Heidarboghi	Water and Wastewater	20	BS	PE #67658, LEED AP	Stantec
Paul Ericson	Street Lighting/Electrical	45	BS	PE #E11219, LEED AP	Stantec
Ed Othmer	Drainage and Stormwater Quality	29	BS, MS	PE # 57536, CPESC #2776, QSD/QSP #00060, ENV SP # 22220	Stantec
Roger Chung	Drainage and Stormwater Quality	22	BS	PE #C65388, QSD/QSP	Stantec
Dan Hayes	Structural Engineering	25	BS	PE #63132	Stantec
Michael Weber	Environmental Permitting	21	BS	N/A	Stantec
Steve Cook	Landscape and Irrigation	29	BS	Registered Landscape Architect #4053 Licensed Landscape Contractor #C27-528894	Stantec



III. UNDERSTANDING AND METHODOLOGY

1. OVERVIEW OF APPROACH TO ON-CALL SERVICES

We understand the on-call process for local, state and federally funded projects. For most general on-call civil engineering services, we will prepare engineering design plans, reports, specifications, and estimates (PS&E). The phases of work for a typical project will include Preliminary Engineering, Final Engineering, and Bid and Construction Support Services. Surveying services can either be included as part of a specific civil engineering project or can be standalone. See the **Figure 2** Project Workflow Diagram on the next page for a typical task order.

PRELIMINARY ENGINEERING: In our experience, this phase is instrumental in confirming design objectives, highlighting project opportunities for cost savings, and expediting the design and approval process. We begin all projects by identifying and addressing major project design issues and funding constraints before work commences. To initiate this phase, we meet with you to gain an understanding of the project objectives, timing, budget, and views of internal and external stakeholders. We will establish control, prepare a base map, and perform research to understand the existing conditions and identify the opportunities and constraints for the project. We will then prepare conceptual plan alternatives, technical studies, and preliminary cost estimates as required. If the project is within Caltrans right-of-way, we confirm the permitting process. If an environmental document is required, it will be prepared during this phase. Finally, our staff can lead or attend public outreach efforts to educate City staff and residents and gain project support.

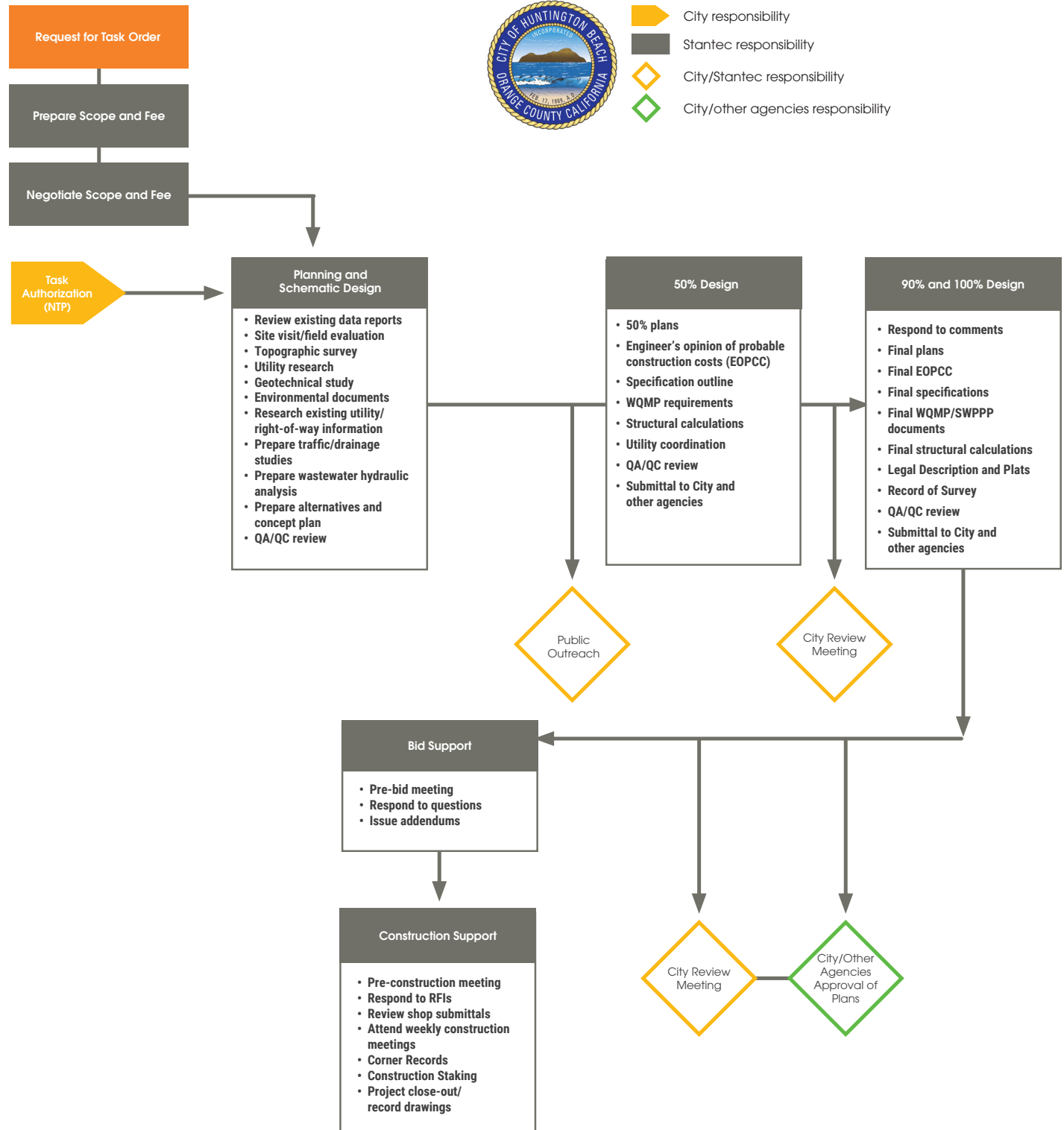
FINAL ENGINEERING: Once a preferred alternative is selected, it will typically be developed into preliminary construction plans at approximately 50% level. Once we receive comments on the preliminary construction plans, we further develop them into the final construction documents. If necessary, we can value engineer the project so that the total cost is within budget. We will then typically produce PS&E at the 90 and 100 % levels to be reviewed and approved by you. PS&E will be prepared using the City's latest standard plans and Greenbook specifications. Permits and approvals from applicable agencies will be processed, and if necessary, legal descriptions and plat maps will be prepared for new right-of-way acquisitions and easements. Records of survey may also be prepared.

BID AND CONSTRUCTION SUPPORT: We will provide support services during the bid process as requested by you. Once the project has been awarded, we will attend the pre-proposal, preconstruction, and other on-site meetings, as needed. Our engineers will review shop drawing and material submittals, address the Contractors questions and requests for information in writing, and prepare the final Record Drawings. Our surveyors can provide pre- and post-construction corner records as well as construction staking the for the new improvements.

FIGURE 2

PROJECT WORKFLOW DIAGRAM

All civil engineering and survey assignments will follow a systematic set of tasks, as illustrated in the project workflow diagram. The various components and steps include our process for completing a typical public works design project.



2. APPROACH TO SPECIFIC ASSIGNMENTS

The following illustrates our basic approach and the innovative and advanced techniques that we utilize for successful completion of typical Civil Engineering and Surveying Services.

DESIGN SURVEY AND BASE MAPPING: An accurate base map consisting of existing topographic information, street centerlines and right-of-way lines, and utilities will yield the best possible design and reduce Contractor change orders. Our in-house surveyors will begin by establishing the horizontal and vertical controls and retracing the street centerlines and rights-of-way lines based on observed monuments. A field survey will typically be performed to create a topographic map of the area. For streets with heavy traffic such as Pacific Coast Highway or Beach Boulevard, we may utilize our advanced 3D laser scanning techniques to obtain the topographic data which is more efficient and safer for our staff since they don't have to traverse the busy streets. For larger projects, an aerial survey may also be performed. As part of the base mapping process, a utility base map will be prepared. Our engineers will research available utility maps from the City and other utility companies in the area and then prepare an accurate utility base map which is critical to know whether any new improvements will conflict with existing utilities and if any utility relocations are required.

ROADWAY REHABILITATION IMPROVEMENTS: The goal of any roadway rehabilitation project is to provide the most cost-effective pavement resurfacing option to help ensure that the City is getting the "most bang for its buck" when enhancing and maintaining its infrastructure. We will explore all construction alternatives using innovative techniques such as in-place non-destructive deflection testing and ground penetrating radar. Utilizing these advanced techniques allows us to better value engineer the pavement structural design section by isolating the more distressed areas (which may require full depth pavement repairs) from the less distressed areas (which may only require cold milling and overlays). We can also provide recommendations for more advanced pavement rehabilitation strategies such as cold in-place recycling (CIR) or full depth reclamation (FDR), and will be available to discuss the benefits and drawbacks of each. In addition to pavement resurfacing, we will diligently review the project site and provide all necessary ADA upgrades to curb ramps; prepare new signing and striping plans; correct local drainage issues; repair damaged curbs, gutters, and sidewalk; adjust utilities to grade; provide tree root pruning; and replace loop detection.

ROADWAY WIDENING AND REALIGNMENT IMPROVEMENTS: Modifications to existing roadways typically require a Traffic Study and Concept Plan alternatives to confirm the new roadway geometrics. Our traffic engineers will evaluate existing conditions and make recommendations on the most cost-effective improvements. Our staff can lead or assist the City with public outreach efforts which may be necessary to gain consensus for the proposed improvements. Our roadway engineers will utilize Civil 3D during the preliminary engineering phase to quickly design the proposed roadway geometrics

both horizontally and vertically. Preparing a 3D model of the proposed improvements at this stage allows us to accurately confirm impacts to offsite improvements, including additional right-of-way required, which is critical moving into final design. Utilizing Civil 3D also allows us to study different alternatives efficiently, so that we ultimately select the best available option. Identifying and mitigating conflicting utilities is also critical for these types of project. We have experts available who specialized in utility coordination and have developed a workflow which helps ensure that all existing utilities are mapped accurately, conflicts are identified, and relocations are coordinated before construction begins. If necessary, traffic signal relocation/modification and traffic control plans will be prepared to accommodate the widening.

SITE IMPROVEMENTS: Site improvements usually include new or modifications to existing parks and parking lots. Typically, we will provide a Concept Site Plan to confirm the proposed improvements prior to final design. Since project aesthetics are important, we may provide a Concept Landscape and Hardscape Plan which will be a color illustrative depicting the proposed trees, shrubs, ground covers, decorative pavement, site furniture and other softscape elements. Upon concept plan approval, we will proceed with final design. The site will be graded with the goal of balancing the earthwork quantities. Drainage and water quality improvements will be provided, including incorporation of Low Impact Development and Best Management Practices (LID/BMP) to best extent possible to comply with water quality requirements for the treatment of stormwater. These improvements typically include the use of bioswales, rain gardens, pervious materials, and new landscape areas. We will provide efficient vehicle circulation within entry drives and parking lots. Pedestrian circulation will include confirming that the ADA path of travel complies with all state and federal regulations. We will create a sustainable landscape design by using indigenous and drought resistant materials, where appropriate. The irrigation system typically includes a low-volume delivery system designed to prevent water from leaving the target site while supplying the proper amount for the optimum plant health. Finally, new restrooms and picnic shelters can be provided and will include any required utility services for these structures and any other improvements within the site.

ACTIVE TRANSPORTATION IMPROVEMENTS AND PEDESTRIAN SAFETY IMPROVEMENTS:

We are committed to designing innovative and sustainable public infrastructure throughout your City with a focus on safety and equity, and understand how traditional approaches to traffic design perpetuate problems relating to health, safety, and unfairness to some users. We use principles found in Complete Streets programs to provide improvements which enable safe, convenient, and comfortable travel and access for users of all ages and abilities regardless of their mode of transportation. We have extensive experience with implementing new Class I, II, and IV bikeways and consistently look for innovative ways to close gaps in the existing bikeway network.

DRAINAGE IMPROVEMENTS AND STUDIES: Stantec's holistic approach to drainage analysis begins with our assessment of drainage related project impacts. Drainage impacts associated with projects will be evaluated by inventorying the streets, catch basins, and storm drains that presently receive flow from the project-inclusive watersheds. Once identified, an evaluation of flow increases or decreases will be performed for each facility. In the event that flow increases are anticipated, an analysis will be made as to the magnitude of the increase, and whether or not that increase will be significant with respect to existing facility capacities. At the conclusion of the drainage evaluation, a Drainage Evaluation Memorandum we will be prepared to document the evaluation's findings. Once the drainage evaluation is accepted, design activities will be initiated and either coordinated with the overall project schedule or scheduled independently for projects that are exclusively drainage related. A hydrology and hydraulics report will typically be prepared and plans will be developed and reviewed with City staff at significant submittal milestones.

WATER QUALITY IMPROVEMENTS AND DOCUMENTS: Stantec will coordinate with City staff responsible for the National Pollutant Discharge Elimination System (NPDES) compliance and maintenance staff to identify Best Management Practices (BMPs) that are acceptable to the City. This coordination will include reviewing project opportunities for the incorporation of permanent BMPs into the project's design features to promote aesthetics and water quality improvements. Rain gardens and landscaped bio-treatment cells, for example, are BMPs that fit well into roadway improvements projects. BMPs will also be integrated into the overall flood control management plan for the project to eliminate potential redundancies in storm water conveyance facilities. Upon selection of project BMPs, Stantec will typically prepare a Water Quality Management Plan (WQMP) for the project that will detail water quality considerations and requirements. The WQMP will address the City's MS4 Permit as issued by the Regional Water Quality Control Board, Santa Ana Region. To the maximum extent practicable, BMPs will be implemented that are consistent with Low Impact Development (LID) guidelines as well as the Green Streets guidelines as defined by the US Environmental Protection Agency. If necessary, detailed discussions will be provided in the WQMP to document the impracticality of BMP implementations as a part of the project.

As the project proceeds into construction, Stantec's in-house Qualified Storm Water Pollution Prevention Plan Developer (QSD) can also prepare a SWPPP for the project to address water quality concerns during construction activities and processes the NOI and all pre-construction filings through SMARTS. During construction activities, we can provide Qualified Storm Water Pollution Prevention Plan Practitioner (QSP) services, including required inspections, directing BMP placement, and reporting to the RWQCB.

QUANTITY CALCULATIONS AND ESTIMATES: We understand the importance of a complete and accurate cost estimate. Since the cost estimate will be used as a basis for the bid schedule, it's important to include all required work items and confirm that the quantities for these work items are correct. Accurate unit costs are also important for the City to understand the overall cost of the project and to determine if the project needs to be value engineered to get the project within the budget available. Stantec has developed custom software which links the linework and hatches in the base drawings to the quantities shown in the estimate, and we continuously track unit costs using recent bids from local contracts. Therefore, our quantities and estimates are current from preliminary to final design, which is critical in keeping the project within the City's budget.

SPECIFICATIONS: Well written specifications reduce the potential for change orders during construction. We are familiar with various formats of specifications including the Standard Specifications for Public Works Construction (SSPWC), "Greenbook", Construction Specification Institute (CSI), and Caltrans. Our experienced staff will thoroughly prepare the specifications so that convey our engineers' design intent, do not conflict with the improvement plans, and clearly describe the work required for all bid items. The specifications will also identify all permits, plans, coordination, and other requirements the contractor will be responsible for during construction, including all specific utility coordination efforts and work windows that will need to be provided.

CORNER RECORDS AND RECORDS OF SURVEY: Our surveyors have extensive experience preparing and reviewing corner records and dozens of records of survey maps for municipal agencies. We have prepared thousands of corner records for the City of Huntington Beach and dozens of Records of survey maps for clients like Los Angeles County Public Works, the Sanitation Districts of Los Angeles County, the City of Irvine, and many others. We have extensive monument preservation experience throughout Orange and Los Angeles Counties.

LEGAL DESCRIPTIONS AND PLATS: A professionally prepared legal description and plat must hold up under the scrutiny of the owners, title insurance companies, local agencies, and the courts. Our licensed staff have significant training and experience preparing legal descriptions and plats for a variety of projects, including pipelines, roads and highways, communication and electrical lines, and other uses. Stantec's survey team has provided legal descriptions and plats to Southern California Edison, Irvine Ranch Water District, the United States Army Corps of Engineers, Cities of Anaheim, Santa Ana, Irvine, Inglewood, Costa Mesa, Newport Beach, Laguna Beach, and San Clemente, as well as the Counties of Los Angeles and Orange.

CONSTRUCTION STAKING: We will coordinate closely with you to provide construction stakes and related surveying services to support construction efforts. This includes attending meetings, reviewing plans, maintaining records, providing weekly reports, maintaining excellent public relations, and providing construction staking services when necessary. We will dedicate the necessary resources to help ensure no delays due to survey tasks within one working day of receiving a written request. Stantec will provide construction staking for quality control according to the construction services, survey section staking policy, and industry standards. We will maintain detailed and accurate records of Requests for Construction Staking from the contractor on the City approved form. Our survey party chiefs will complete the necessary cut sheets on City-approved forms on a daily basis or as directed by the City. Whenever possible or directed by the City, field crews will be dedicated entirely to the construction project for the duration of the project to help ensure efficient communication and service.

SURVEY PLAN CHECKING: It is widely recognized that there is no 'standard' map checking project. What we do as surveyors is significantly evidential, and the evidence is different from one project to the next. That being said, the process for successful agency review does not change from project to project. In order to provide consistent and effective agency map checking services for the City, Stantec will focus on the following concepts:

- Innovative techniques and systems in place
- Extensive communication with city staff
- Comprehensively review the subject document
- Timely completion of the review of the subject document
- Internal Quality Assurance/Quality Control (QA/QC)
- Final deliverables to the City



3. PROJECT CONTROLS

We have a formal quality management system to control quality, costs, and schedules, which is registered to the ISO9001:2000 Quality Management standard. The quality management system promotes quality of our practices across the company with the goal of reducing the risk and consequences of design errors, efficiently delivering our services by promoting reliable processes, maximizing our productivity and efficiency, promoting the quality and reliability of our services, and supporting regulatory compliance.

QUALITY ASSURANCE/QUALITY CONTROL (QA/QC): QA is an integral project control component, and is achieved through implementation of a QA program. Our QA program includes regular in-house technical reviews of all deliverables to make sure that work is performed in accordance with the project scope and client-furnished design standards, completion of project tasks occurs on schedule, and tasks are closely coordinated with client representatives. QC, the mechanism established to control errors, and QA, the system used to verify that the analytical process is operating within acceptable limits, are key elements in field investigations, coordination between plans and specifications, and developing accurate cost estimates and complete specification packages. Project-specific QA/QC plans are developed for each task assignment and include the development of QC checklists for each discipline and QC submittal review. Independent reviews for each project are conducted by the QA team members who are not directly involved in the design process. This effort verifies that all calculations, designs, drawings, and design sketches are complete and meet the design criteria, as well as governing codes and standards.

COST CONTROL SYSTEM: Controlling costs is another essential project control component. Stantec has a computerized accounting system which maintains detailed records by individual and activity, and allows tasks to be monitored against established budgets. The project and task managers receive regular reports to track project status so that measures can be taken if an individual task budget begins to exceed the percentage complete. The system is totally integrated and easily audited. Supporting data can be provided to the City in any format required.

SCHEDULE CONTROL: We use state-of the-art tools to perform and manage design projects. Our project and task managers utilize the project schedule to identify and proactively plan upcoming activities and to monitor the work progress. They confirm critical information is flowing throughout the project team as needed to maintain the project schedule and will develop alternative work plans, if needed, to maintain schedule. If a project is delayed, we can immediately draw upon our extensive pool of resources company-wide to bring the project back on schedule.

APPENDIX A: RÉSUMÉS



Mohammad Heiat, PE
Project Manager

Mohammad offers more than 40 years of civil engineering experience with extensive

emphasis in transportation and water resources for a broad range of public works and private residential and commercial development projects. His experience includes an extensive list of capital improvement facilities design, roadway and intersection improvement plans, master plans, runoff management plans, and drainage structures. He has been project principal, quality control supervisor, project manager, and project engineer on the preparation of plans, specifications, and estimates for a long list of public works/private infrastructure projects with emphasis on highway and street design, drainage and flood control facilities design including culverts, RC box structures, open channels, and detention/storage basins.

Education

- MS, Civil Engineering
- BS, Civil Engineering

Registrations:

- Professional Engineer #45776, CA

Relevant project experience

- Oso Parkway Roadway Widening, Mission Viejo, CA (Principal-in-Charge)
- Smoketree Lane and Jeffrey Road Intersection Improvements, Irvine, CA (Principal-in-Charge)
- Bison Avenue, San Joaquin Hills Road, and San Nicholas Pavement Rehabilitation, Newport Beach, CA (Principle-in-Charge)
- Cliff Drive, Beach Street and Legion Street, Laguna Beach, CA (Principal-in-Charge)
- Newport Boulevard Widening, Newport Beach, CA (Quality Control Supervisor)
- Victoria Street Rehabilitation*, Costa Mesa, CA (Principal-in-Charge/Quality Control Supervisor)
- San Diego International Airport - SAN Park 2 Parking Lot, San Diego, CA (Project Principal)
- Bonita Canyon Sports Park Pickleball Courts, Newport Beach, CA (Principle-in-Charge)

** indicates completed prior to joining Stantec*



Greg Sebourn, PLS, M. ASCE
Survey Task Manager

Greg has more than 21 years of professional experience in numerous aspects of land

surveying and mapping. His expertise includes business development; project management; client management; and surveying, mapping, and map checking services. Greg works with public and private entity clients throughout Southern California. Some of his municipal projects included the Anaheim Stadium properties subdivision, monument preservation efforts; and design topographic, and construction surveys for pavement, sewer, and right-of-way improvement projects. In addition, Greg has extensive experience in land surveying and mapping education, and is an adjunct faculty at Rio Hondo College, a guest lecturer at Santa Ana College, and serves on the Cal Poly Pomona Civil Engineering Advisory Council.

Education

- AS, Survey

Registrations:

- Professional Land Surveyor #8395, CA

Relevant project experience

- Interim City Surveyor for the City of Huntington Beach, Huntington Beach, CA, 2019-present (Principal-in-Charge)
- Residential Street Rehabilitation Project Monumentation Preservation Services, 2011-2015 Huntington Beach, CA (Project Manager)
- Annexation of Bolsa Chica Wetlands, Huntington Beach, CA (QA/QC Supervisor)
- Newport Boulevard Widening, Newport Beach, CA (Survey and Mapping Task Leader)
- Multiple On-Call Map Checking, Southern California (Quality Assurance/Quality Control Supervisor)
- Oso Parkway Roadway Widening Improvements, Mission Viejo, CA (Project Surveyor)
- Culver/University Intersection Widening, Irvine, CA (Survey and Mapping Task Leader)
- Bison Avenue, San Joaquin Hills Road, and San Nicholas Pavement Rehabilitation, Newport Beach, CA (Project Surveyor)
- On-Call Services, City of Anaheim City-Wide Sanitary Sewer Improvement Program, Anaheim, CA (Senior Survey Project Manager)



Jeff Wilkerson, PE
Civil Task Manager/
Alternate Project Manager

Jeff has more than 21 years of civil engineering experience working for both public and private clients, with an emphasis on city and airport transportation projects. He has been responsible for the project management, conceptual level design, and delivering final PS&E for projects with a wide range of size and scope. Jeff is known for his hands-on design skills, organizational abilities, and delivering projects on time and under budget. Jeff is an expert in AutoCAD and Civil 3D and leverages this knowledge to create innovative and efficient solutions to complex engineering problems.

Education

- MS, Civil Engineering
- BS, Civil Engineering

Registrations:

- Professional Engineer #63466, CA

Relevant project experience

- Beach Boulevard/Warner Avenue Intersection Improvements, Huntington Beach, CA (Civil Task Leader)
- Newport Boulevard Widening, Newport Beach, CA (Project Manager)
- Sunset Beach Alley Water Main Replacement, Huntington Beach, CA (Project Engineer)
- Oso Parkway Widening and Rehabilitation, Mission Viejo, CA (Civil Task Manager)
- Bison Avenue, San Joaquin Hills Road, and San Nicholas Pavement Rehabilitation, Newport Beach, CA (Project Manager)
- Fairview Road and Wilson Street Intersection Improvements, Costa Mesa, CA (Project Manager)
- Jamboree Road Widening, Newport Beach, CA (Project Manager)
- Bonita Canyon Sports Park Pickleball Courts, Newport Beach, CA (Project Manager)
- Discovery Science Center - Phase II Parking Lot Design, Santa Ana, CA (Civil Task Lead)
- Sand Canyon Avenue and I-405 Class I Bike Trail, Irvine, CA (Civil Task Lead)



Sherry Weinmeier, PE,
LEED AP BD+C, ENV SP
QA/QC

Sherry has successfully managed dozens of on-call contracts, involving hundreds of tasks orders, throughout her more than 37 year career. With her in-depth civil engineering, design, and construction support expertise—for public works infrastructure projects—she customizes her teams and approaches to deliver projects of all sizes and scopes on schedule, within budget, and as envisioned. From concept level infrastructure design through final design services for highways, bikeways, trails, parks and parking lots, Sherry's understanding of the overall project need, the detail, and owners' goals has resulted in overwhelming success for her clients and our local communities.

Education

- BS, Civil Engineering

Registrations:

- Professional Engineer #41751, CA
- ENV SP
- LEED AP BD+C

Relevant project experience

- Herondo Street/Harbor Drive Gateway Park and Cycle Track, Redondo Beach, CA (Civil Engineering Task Manager)
- Aliso Creek Regional Bikeway Trail Restoration, Orange County, CA (Project Manager)
- SR-91/Tustin Avenue Overcrossing, Anaheim, CA (Project Manager)
- County of Orange Public Works On-Call Task Order Services, Unincorporated Orange County, CA (Principal-in-Charge)
- Culver Drive/University Ave. Intersection and Widening, Irvine, CA (Project Manager)
- Campus Drive/Bristol Street Intersection Improvement Project, Orange County, CA (Project Manager)
- Moulton Parkway Smart Street Widening Improvements, El Toro Road to Santa Maria Avenue, Laguna Woods, CA (Principal-in-Charge)
- 17th Street Separated Bikeway and Michigan Avenue Greenway Project, Santa Monica, CA (Project Manager)
- Great Park Sports Park, Irvine, CA (Project Manager)
- Heritage Park Parking Lot Improvements, Irvine, CA (Project Manager)



Dave Lew, PE
Street Improvements/
Utility Coordination

Dave has more than 10 years of professional engineering experience in both public and private projects. His technical experience involves design and preparation of plans, specifications and estimate packages for roadway improvements, residential improvements, site improvements, water and sewer systems, and structural design projects. Additionally, Dave has extensive knowledge in AutoCAD and Civil 3D software.

Education

- BS, Civil Engineering

Registrations:

- Professional Engineer #88915, CA

Relevant project experience

- Newport Boulevard Widening and Rehabilitation, Newport Beach, CA (Civil Designer)
- Lampson Avenue Bike Lanes Improvements, Seal Beach, CA (Project Engineer)
- Dale Street Complete Streets, Buena Park, CA (Project Engineer)
- Oso Parkway Widening and Rehabilitation*, Mission Viejo, CA (Civil Designer)
- Queda Way Retaining Wall Replacement and Drainage Project, Laguna Beach, CA (Civil Engineer Designer)
- Fairview Road Safety Improvements, Costa Mesa, CA (Civil Engineer Designer)
- Bonita Canyon Sports Park Pickleball Courts, Newport Beach, CA (Civil Designer)
- Santa Ana 5th Street Cycle Track, Santa Ana, CA (Design Engineer)
- Fairview Road Safety Improvements, Costa Mesa, CA (Civil Engineer Designer)
- South Side Cell Phone Lot Parking Improvements*, San Diego, CA (Civil Designer)

* indicates completed prior to joining Stantec



Susan Reid, PE
Site Improvements

Susan's expansive public and private project experience includes roadway, bikeway, and path/trail projects for private and public clients throughout Southern California. For more than 28 years, she has honed her expertise in precise geometrics and computer aided design (CAD), while working on numerous bikeway, roadway, storm drain, and public works projects throughout Southern California. To efficiently and effectively provide her clients and their projects with the most tailored, accurate, and implementable information and designs available, Susan utilizes numerous computer aided programs, including AutoCAD Civil 3D, WSPGW, and various Orange and Los Angeles County hydrology and hydraulics programs.

Education

- BS, Civil Engineering

Registrations:

- Professional Engineer #41751, CA

Relevant project experience

- Laguna Beach Pathway Projects, Laguna Beach, CA (Project Engineer)
- Culver Drive/University Avenue Intersection and Widening, Irvine, CA (Project Engineer)
- Campus Drive/Bristol Street Intersection Improvement Project, Orange County, CA (Project Engineer)
- Laguna Beach Maintenance Facility and Act 5 Parking, Laguna Beach, CA (Project Engineer)
- Bayview Drive Improvements, County of Orange, CA (Project Engineer)
- SR 91/Tustin Avenue Overcrossing, Anaheim, CA (Designer)
- Sand Canyon Avenue Widening and Realignment, Irvine, CA (Senior Design Engineer)
- State College Boulevard/Ball Road Intersection Improvement, Anaheim, CA (Project Engineer)
- Camino del Rio Roundabouts, San Clemente, CA (Project Engineer/Deputy Project Manager)
- Trabuco Road Improvements, Irvine, CA (Senior Design Engineer)
- Irvine Center Drive Street Improvements, Spectrum 6 & 7, Irvine, CA (Design Engineer)
- On-Call Street Improvements in Lake Forest's Light Industrial Area, Lake Forest, CA (Project Engineer)



Jason Shockey, PLS
Field Supervisor

Jason has more than 28 years of surveying experience as a certified party chief in land and boundary, topographic surveys, wet utility infrastructure highway design, and construction surveys. He is proficient in the use of coordinate geometry computer programs, total stations with data collectors, digital levels, and global positioning system equipment. Jason's areas of expertise include supporting large capital projects, geodetic and global positioning system surveys, state plane coordinate systems calculations and high precision vertical levels, survey field crew safety and training, and all aspects of the Caltrans Survey Manual and Staking Standards.

Education

- Chainman Program, International Union of Operating Engineers
- Chief Program, International Union of Operating Engineers

Registrations:

- Professional Land Surveyor #9105, CA

Relevant project experience

- Monument Preservation (CC-1567 Zone 1 Residential Overlay) Project, Huntington Beach, CA (Field Supervisor/Coordinator)
- LADPW As-Needed Land Surveying and Mapping Services, Los Angeles County, CA (Field Supervisor)
- Green Lane Pump Pumping Plant Force Main No. 1 and Force Main No. 2, Redondo Beach, CA (Field Supervisor/Coordinator)
- Irvine Avenue Pavement Rehabilitation Project, C-8175-1, Newport Beach and Costa Mesa, CA (Field Supervisor/Coordinator)
- OCSD As-Needed Land Surveying and Mapping Services, Orange County, CA (Field Supervisor and Data Reduction)
- Caltrans District 7 North As-Needed Land Surveying and Mapping Services, Los Angeles and Ventura Counties, CA (Field Supervisor and Data Reduction)
- IEUA As-Needed Land Surveying and Mapping Services (RW15004), San Bernardino and Riverside Counties, CA (Field Supervisor and Data Reduction)



Joe Nelson, PLS
Mapping

Joe's more than 11 years of professional survey and mapping experience includes field surveying supervision, GPS post-processing, least square adjustments, 3D laser scanning cloud data processing, 3D as-built modeling, construction staking calculations, boundary and topographic mapping. As a party chief and chainman, he has performed numerous topographic surveys using 3D laser scanning, GPS, terrestrial photogrammetry, and conventional methods.

Education

- AS, Survey/Mapping Services

Registrations:

- Professional Land Surveyor #9432, CA

Relevant project experience

- Monument Preservation (CC-1567 Zone 1 Residential Overlay) Project, Huntington Beach, CA (Project Surveyor)
- LADPW As-Needed Land Surveying and Mapping Services, Los Angeles County, CA (Project Surveyor, Cadastral Processing, and Mapping)
- Green Lane Pump Pumping Plant Force Main No. 1 and Force Main No. 2, Redondo Beach, CA (Project Surveyor)
- Irvine Avenue Pavement Rehabilitation Project, C-8175-1, Newport Beach and Costa Mesa, CA (Project Surveyor)
- Caltrans District 7 North As-Needed Land Surveying and Mapping Services, Los Angeles and Ventura Counties, CA (Project Surveyor)
- Avella Apartment Homes, Planning Area 40 East, Irvine, CA (Field Survey Manager)
- OCSD Sewer Rehabilitation, Design Survey, Orange County, CA (Project Surveyor)



Todd Wilson, GISP
GIS

Todd has more than 23 years of experience as a GIS Analyst producing a wide range of thematic maps, spatial

analysis, data generation, database management, implementation, and maintenance. Todd coordinates the use and development of GIS between a variety of departments and disciplines including civil engineering, utility master plans, traffic studies, encumbrance mapping, landscape architecture, development planning, cultural resources, hydrology studies, environmental constraints, marketing opportunities and field surveys to execute applicable analysis. Todd has managed applications from beginning to end covering all aspects of a project's life cycle to streamline advantages and offer added value on client deliverables.

Education

- BA, Geography
- Certificate, Cartography/GIS

Registrations:

- Certified Geographic Information Systems Professional #00061973

Relevant project experience

- On-Call Surveying and Mapping Services, Costa Mesa, CA (GIS Consultant)
- Northern Sphere Area Backbone Pipelines, Irvine, CA (GIS Specialist)
- Santa Ana College Master Plan, Santa Ana, CA (Survey Analyst)
- Seal Beach Stormwater Quality Master Plan, Seal Beach, CA (GIS Specialist)
- Tonner Hills, Brea, CA (GIS Lead)
- Portola Springs Planning Area 5, Irvine, CA (GIS Lead)
- GPS Water Service Meter Data Collection Pilot, Irvine, CA (GIS Field Data Manager)
- Carbon Creek Channel Facilities Study, Orange County, CA (GIS Mapping/Analyst)
- Lincoln Avenue 12" Water Main Replacement Parcel Property Study, Anaheim, CA (GIS Mapping/Analyst)
- Reservoir Storage Mapping and Analysis, Irvine, CA (GIS Mapping/Analyst)
- Anaheim Brewery District, Anaheim, CA (GIS Mapping/Analysis)



Tessie Barriga, PE, QSD/QSP
Construction Support

Tessie offers more than 41 years of professional civil engineering, land surveying, and mapping experience with extensive

experience specializing in residential and commercial infrastructure development, roadway improvements, as well as redevelopment improvements and public works construction. She is familiar with the processing and approval procedures of a variety of municipal and state agencies, as well as the NPDES approval process. Tessie's civil engineering expertise includes commercial, industrial and institutional development and subdivision design, water and sewer design, land development engineering and highway and street improvement design, storm drain, hydraulics and hydrology, layout of parking facilities, paving, B-permits, rough and precise grading as, well as the preparation of specifications.

Education

- BS, Civil Engineering

Registrations:

- Professional Engineer #50152, CA
- QSD/QSP #01316, CA

Relevant project experience

- Monument Preservation (CC-1567 Zone 1 Residential Overlay) Project, Huntington Beach, CA (Field Supervisor/Coordinator)
- Fullerton Grade Separation, Fullerton, CA (Survey Manager)
- LADPW As-Needed Land Surveying and Mapping Services, Los Angeles County, CA (Field Coordinator)
- Green Lane Pump Pumping Plant Force Main No. 1 and Force Main No. 2, Redondo Beach, CA (Field Supervisor/Coordinator)
- Irvine Avenue Pavement Rehabilitation Project, C-8175-1, Newport Beach and Costa Mesa, CA (Field Supervisor/Coordinator)
- Oso Parkway Roadway Widening Improvements, Mission Viejo, CA (Survey Manager)
- 17th Street Grade Separation, Santa Ana, CA (Survey Manager)
- Pomona At-Grade Crossings, Pomona, CA (Survey Manager)



Paul Hamilton-Rivers (GPSI)
Aerial Topography

Paul has more than 29 years of experience in photogrammetric operations and management with an emphasis on project

management and photogrammetric digital applications. He is highly knowledgeable and up-to-date on the latest mapping technology and production tools—providing the most efficient products and services.

Education

- Survey and Mapping Coursework

Membership:

- American Society for Photogrammetry and Remote Sensing

Relevant project experience

- Green Lane Pump Pumping Plant Force Main No. 1 and Force Main No. 2, Redondo Beach, CA (Aerial Survey and Photogrammetric Mapping Project Manager)
- UCLA Bike Lane Project JN 2042540400, Los Angeles, CA (Aerial Survey and Photogrammetric Mapping Project Manager)
- LADWP 230 KV Scattergood Plan and Profile, Los Angeles, CA (Aerial Survey and Photogrammetric Mapping Project Manager)
- City of Pomona, Lincoln Park, CA (Aerial Survey and Photogrammetric Mapping Project Manager)
- Telegraph Road, Downey, CA (Aerial Survey and Photogrammetric Mapping Project Manager)



Keith Rutherford, TE
Traffic Engineering

As a traffic engineer with more than 36 years of broad industry experience, Keith has a robust background in transportation

analysis and preparing design plans, performing technical analyses and studies, preparing various reports, and designing improvement plans for numerous roadway and bikeway projects throughout Southern California. Keith has also served as an on-call consultant to public agencies, providing road alignment studies; highway and street improvements design, including geometric studies, interchanges, and ramps; and traffic engineering, including site impact studies, parking and bikeway studies, bus operations, signing, striping, traffic signal, and traffic control plan design.

Education

- MS, Civil/Transportation Engineering
- BS, Administrative Studies

Registrations:

- Traffic Engineer #6147, CA

Relevant project experience

- Beach Boulevard/Warner Avenue Intersection Improvements, Huntington Beach, CA (Project Manager and Traffic Engineer)
- Newland Street Improvements, Cities of Westminster and Huntington Beach, CA (Traffic Design Task Manager)
- Newport Boulevard Widening, Newport Beach, CA (Traffic)
- Jamboree Road Widening, Newport Beach, CA (Traffic)
- Oso Parkway Roadway Widening, Mission Viejo, CA (Traffic Design Task Manager)
- I-5/Culver Drive/Trabuco Road Interchange Improvements, Irvine, CA (Traffic Task Manager)
- 17th Street/Tustin Avenue and Harbor Boulevard/Wilson Street Intersections Improvements, Costa Mesa, CA (Project Manager)
- Cliff Drive, Beach Street and Legion Street, Laguna Beach, CA (Project Manager)
- Bison Avenue, San Joaquin Hills Road, and San Nicholas Pavement Rehabilitation, Newport Beach, CA (Traffic Design Task Manager)
- Sand Canyon Avenue and I-405 Class I Bike Trail, Irvine, CA (Project Manager)



Nahid Heidarbashi, PE, LEED AP

Water and Wastewater

Nahid is a detail-oriented engineer with more than 20 years of professional experience in water and wastewater, transportation, land development projects. She has extensive experience in water and sewer systems, utility research and coordination, roadway improvements, and land development infrastructure design projects. Her eye for detail and quality control has been instrumental in review of water and sewer plans for Irvine Ranch Water District and other public agencies.

Education

- BS, Civil Engineering

Registrations:

- Professional Engineer #67658, CA
- LEED AP

Relevant project experience

- Sunset Beach Alley Water Main Replacement, Huntington Beach, CA (Project Engineer)
- Water and Wastewater Systems Plan Checking, Irvine, CA (Project Engineer)
- PA5B 36" Recycled Water Pipeline, Irvine, CA (Project Engineer)
- East Irvine Zone 1 to 3 Flow Meter Replacement, Irvine, CA (Project Engineer)
- Kraemer Boulevard Grade Separation, Wet Utilities Design Services, Placentia and Anaheim, CA (Project Engineer)
- Lincoln Avenue Widening, Anaheim, CA (Design Engineer)
- Westbound SR-91 Improvements between I-5 and SR-57, Fullerton and Anaheim, CA (Project Engineer)
- Oso Parkway Roadway Widening, Mission Viejo, CA (Project Engineer)
- Truck Impacted Intersections Project, County of Los Angeles, CA (Design Engineer)



Paul Ericson, PE, DBIA, LEED AP

Street Lighting/Electrical

Paul has more than 45 years of consulting engineering with design experience in lighting, power and special systems design for both new and renovation projects. He is responsible for project management, including client contact, overall concept designs, specifications, project scheduling, estimating, and supervising design personnel. He is actively involved with the Illuminating Engineering Society of North America (IESNA) at the Society level and has received lighting design awards from the IESNA.

Education

- BS, Electrical Engineer

Registrations:

- Professional Engineer #E11219, CA
- LEED AP

Relevant project experience

- LAX Consolidated Rent-A-Car (ConRac) Facility, Los Angeles, CA (Electrical Lead)
- LAX ITF West Parking Garage, Los Angeles, CA (Project Manager)
- Santa Monica Big Blue Bus Charging Infrastructure Project, Santa Monica, CA (Electrical Engineer)
- OCTA Transit Security and Operations Center, Anaheim, CA (Electrical Principal)
- San Diego County Fleet Maintenance and Parking Structure Facility, San Diego, CA (Electrical Lead)
- San Diego Zoo Parking, San Diego, CA (Electrical Lead)
- San Diego Airport Terminal 2 Parking Plaza, San Diego, CA (Electrical Lead)



**Ed Othmer, PE, CPESC,
CPSWQ, QSP/D, ENV SP**
Drainage/Stormwater Quality

Ed is the North America Wet Weather Sector Leader for Stantec and has more than 29 years of engineering experience as a stormwater practitioner. He has served as Principal-in-Charge and Project Manager on hundreds of stormwater projects across the United States for federal, state, local, and private sector clients. Ed proudly serves as the Project Manager for the City of Long Beach's signature project - Municipal Urban Stormwater Treatment (LB-MUST). He routinely teaches stormwater classes for many organizations including UCSD Extension Program and Lorman Education. Additionally, he serves on several stormwater technical advisory committees in California.

Education

- MS, Civil Engineering
- BS, Civil Engineering Technology

Registrations:

- Professional Engineer #57536, CA
- CPESC #2776, CA
- QSD/QSP #00060, CA
- ENV SP # 22220, CA

Relevant project experience

- Long Beach Municipal Urban Stormwater Treatment, City of Long Beach, CA (Project Manager)
- Storm Water Engineering and Consulting Services, City of San Diego, CA (Project Manager)
- Coordinated Implementation Monitoring Program (CIMP) Implementation, East San Gabriel Valley Watershed Management Group, Cities of Pomona, San Dimas, Claremont, and La Verne, CA (Project Manager)
- Storm Sewer Engineering Study Marine Corps Base Camp Pendleton, HQ (MAINSIDE) 11-17, NAVFAC Southwest (Project Manager)



Roger Chung, PE, QSD/QSP
Drainage/Stormwater Quality

Roger has more than 22 years of civil engineering experience with expertise in hydrology, hydraulic, and structural analysis for the preparation of drainage studies, drainage master plans, and the preparation of design plans, specifications, and cost estimates for water supply and flood control facilities. He has been involved in the hydraulic analysis and design of numerous water recharge and flood control projects in San Bernardino, Riverside, Orange, Los Angeles, San Diego, Kern, and Ventura Counties.

Education

- BS, Civil Engineering and Environmental Engineering

Registrations:

- Professional Engineer #65388, CA
- QSD/QSP

Relevant project experience

- Newport Boulevard Widening, Newport Beach, CA (Task Leader)
- Long Beach Municipal Urban Stormwater Treatment (LB-MUST), Long Beach, CA (Civil Task Lead)
- Oso Parkway Roadway Widening, Mission Viejo, CA (Task Leader)
- Jamboree Road and I-5 Interchange Widening, Irvine and Tustin, CA (Task Leader)
- Fullerton Road Grade Separation, Industry, CA (Task Manager)
- Tustin Avenue and Rose Drive Grade Separation Project, Orange County, CA (Drainage Task Manager)
- Westminster Channel CLOMR Acquisition, Westminster, CA (Project Manager)
- Citywide Storm Drain Rehabilitation and Lining Project, Laguna Beach, CA (Project Manager)
- University of California, Irvine (UCI) Drainage Master Plan, Irvine, CA (Drainage Task Manager)
- Via Ballena Storm Drain Relocation, San Clemente, CA (Project Manager)
- South La Senda Low-Flow Diversion Project, Laguna Beach, CA (Project Manager)



Dan Hayes, PE
Structural Engineering

Dan has more than 25 years of civil engineering experience with extensive experience in structural analyses and design,

and preparation of design plans, specifications and cost estimates for retaining walls, water systems, pump stations, channels, dams and reservoir facilities. He has been involved in the structural analysis and design of several retaining walls, water recharge and flood control projects in Riverside, San Bernardino, Orange, and Los Angeles counties.

Education

- BS, Civil Engineering and Environmental Engineering

Registrations:

- Professional Engineer #63132, CA

Relevant project experience

- Newport Boulevard Widening Project, Newport Beach, CA (Structural Engineer)
- Oso Parkway Roadway Widening, Mission Viejo, CA (Structural Engineer)
- Laguna Beach Pacific Vista Slope Stabilization, Laguna Beach, CA (Structural Engineer)
- Michelson Floodwall Design, Irvine, CA (Senior Project Engineer)
- Tract 16702, PA1, Orchard Hills, Irvine, CA (Structural Engineer)
- Avalon and Arroyo at Baker Ranch, Parcels 2013-152 and 2013-159, Lake Forest, CA (Structural Engineer)
- Tract 46908 Debris Wall Design, Valencia, CA (Structural Engineer Task Manager)
- Irvine PA5B, Orchard Hills, PA40, Irvine, CA (Structural Engineer)



Michael Weber
Environmental Permitting

Michael has more than 21 years of environmental consulting experience involving land uses subject to discretionary agency

approvals and public environmental review. He provides environmental services and leads multi-disciplinary teams through all life cycle phases of projects. He is a California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA) subject matter expert for Stantec's Environmental Assessments, Permitting, and Compliance practice and guides projects through scoping, technical study, impact assessment, public environmental review, response to comments, and lead agency findings. Michael is well versed in environmental permitting, and has experience obtaining discretionary permits for projects that are subject to multi-agency oversight and significant community involvement. He works on projects that are often located in sensitive areas with significant natural resource constraints including infrastructure projects located in the California Coastal Zone.

Education

- BS, Environmental Studies

Relevant project experience

- Laguna Canyon Road Pedestrian Pathway Project, Laguna Beach, CA (Environmental Task Manager)
- Los Cerritos Wetlands Water Line Repair, Seal Beach, CA (Principal Scientist)
- Huntington Beach to Catalina Island Power Cable Project, Orange and Los Angeles Counties, CA (Environmental Task Manager)
- Top of the World Pedestrian Pathway, Laguna Beach, CA (Environmental Task Manager)
- Fairview Road Safety Improvements, Costa Mesa, CA (Environmental Task Manager)
- Active Transportation Plan and Circulation Element Upgrade, Costa Mesa, CA (Principal-in-Charge)
- Pt. Arguello Platforms Well Abandonment/Casing Removal, Pacific Ocean, CA (Project Manager)
- Aliso Creek Trail Slope Repairs Project, Orange County, CA (Environmental Task Manager)
- South Sidewalk Gap Closure, Anaheim, CA (Principal Environmental Planner)



Steve Cook, RLA Landscape and Irrigation

Steve's more than 29 years of combined experience as a Registered Landscape Architect, a Licensed Landscape Contractor,

a Certified Water Auditor, and a Member of the Environmental Protection Agency's (EPA) Watersense Partnership Program provide him a broad base of valuable knowledge. His years of experience as a Landscape Contractor working directly with the materials most commonly used in landscape construction give him not only a breadth of information to draw upon for irrigation design, but also give him valuable insight when conducting site observations and providing other field construction-related services.

Education

- BS, Agricultural Business Management

Registrations:

- Registered Landscape Architect #4052, CA
- Licensed Landscape Contractor #C27-528894, CA

Relevant project experience

- Herondo Street/Harbor Drive Gateway Park and Cycle Track, Redondo Beach, CA (Landscape Architect)
- Santa Ana Canyon Road, Anaheim, CA (Project Manager)
- Katella Avenue Smart Street Improvements, Ninth Street to Humor Drive, Anaheim, CA (Landscape Architecture)
- Maine Avenue Complete Streets, Baldwin Park, CA (Project Manager)
- Miraloma Streetscape, Anaheim, CA (Landscape Architect)
- Culver Drive/University Avenue Intersection and Widening, Irvine, CA (Landscape Architect)

APPENDIX B: LICENSES



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 45776

NAME: HEIAT, MOHAMMAD REZA

LICENSE TYPE: CIVIL ENGINEER

LICENSE STATUS: CLEAR

ADDRESS

25 SUNRIVER
IRVINE CA 92614
ORANGE COUNTY

[MAP](#)

ISSUANCE DATE
AUGUST 27, 1990
EXPIRATION DATE
DECEMBER 31, 2022
CURRENT DATE / TIME
MARCH 18, 2021
1:20:37 PM



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 8395

NAME: SEBOURN, GREGORY CHRISTIAN

LICENSE TYPE: LAND SURVEYOR

LICENSE STATUS: CLEAR

ADDRESS

1824 ROSALIA DR
FULLERTON CA 92835
ORANGE COUNTY

[MAP](#)

ISSUANCE DATE
NOVEMBER 16, 2007
EXPIRATION DATE
MARCH 31, 2022
CURRENT DATE / TIME
MARCH 18, 2021
1:22:20 PM



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 63466

NAME: WILKERSON, JEFFREY WILLIAM

LICENSE TYPE: CIVIL ENGINEER

LICENSE STATUS: CLEAR

ADDRESS

3232 ORANGEWOOD AVE
ROSSMOOR CA 90720
ORANGE COUNTY

[MAP](#)

ISSUANCE DATE
JUNE 14, 2002
EXPIRATION DATE
SEPTEMBER 30, 2022
CURRENT DATE / TIME
MARCH 18, 2021
1:24:00 PM



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 41751

NAME: BANKSON, SHERRY LEE

LICENSE TYPE: CIVIL ENGINEER

LICENSE STATUS: CLEAR

ADDRESS

9 MONTGOMERY
MISSION VIEJO CA 92692
ORANGE COUNTY

[MAP](#)

ISSUANCE DATE
AUGUST 21, 1987
EXPIRATION DATE
MARCH 31, 2022
CURRENT DATE / TIME
MARCH 18, 2021
1:28:42 PM



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 59063

NAME: LEW, DAVID BEN

LICENSE TYPE: CIVIL ENGINEER

LICENSE STATUS: CLEAR

ADDRESS

51 FANLIGHT
IRVINE CA 92620
ORANGE COUNTY

[MAP](#)

ISSUANCE DATE

FEBRUARY 26, 1999

EXPIRATION DATE

JUNE 30, 2021

CURRENT DATE / TIME

MARCH 18, 2021
1:31:12 PM



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 56872

NAME: REID, SUSAN ELIZABETH

LICENSE TYPE: CIVIL ENGINEER

LICENSE STATUS: CLEAR

ADDRESS

10 BROWNSBURY
LAGUNA NIGUEL CA 92677
ORANGE COUNTY

[MAP](#)

ISSUANCE DATE

FEBRUARY 7, 1997

EXPIRATION DATE

JUNE 30, 2021

CURRENT DATE / TIME

MARCH 18, 2021
3:26:20 PM



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 9105

NAME: SHOCKLEY, JASON JOSEPH

LICENSE TYPE: LAND SURVEYOR

LICENSE STATUS: CLEAR

ADDRESS

PO BOX 1155
WILDOMAR CA 92595
RIVERSIDE COUNTY

[MAP](#)

ISSUANCE DATE

MAY 22, 2014

EXPIRATION DATE

SEPTEMBER 30, 2022

CURRENT DATE / TIME

MARCH 18, 2021
3:27:46 PM



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 9432

NAME: NELSON, JOSEPH DEAN

LICENSE TYPE: LAND SURVEYOR

LICENSE STATUS: CLEAR

ADDRESS

38 TECHNOLOGY 100
IRVINE CA 92618
ORANGE COUNTY

[MAP](#)

ISSUANCE DATE

DECEMBER 6, 2017

EXPIRATION DATE

MARCH 31, 2022

CURRENT DATE / TIME

MARCH 18, 2021
3:44:05 PM



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 50152

NAME: BARRIGA, ESTHER

LICENSE TYPE: CIVIL ENGINEER

LICENSE STATUS: CLEAR

ADDRESS

5086 CINNAMON
IRVINE CA 92612
ORANGE COUNTY

[MAP](#)

ISSUANCE DATE
JANUARY 14, 1993
EXPIRATION DATE
JUNE 30, 2021
CURRENT DATE / TIME
MARCH 18, 2021
3:49:15 PM



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 1647

NAME: RUTHERFORD, KEITH RANDALL

LICENSE TYPE: TRAFFIC ENGINEERS

LICENSE STATUS: CLEAR

ADDRESS

22 BIRCHWOOD
IRVINE CA 92618
ORANGE COUNTY

[MAP](#)

ISSUANCE DATE
APRIL 17, 1992
EXPIRATION DATE
SEPTEMBER 30, 2022
CURRENT DATE / TIME
MARCH 18, 2021
3:52:31 PM



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 67658

NAME: HEIDARBAGHI, NAHID

LICENSE TYPE: CIVIL ENGINEER


LICENSE STATUS: CLEAR

ADDRESS

33 AGAPANTHUS ST
LADERA RANCH CA 92694
ORANGE COUNTY

[MAP](#)

ISSUANCE DATE
JANUARY 21, 2005
EXPIRATION DATE
JUNE 30, 2021
CURRENT DATE / TIME
MARCH 18, 2021
3:53:27 PM



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[GISP Registry Excel Spreadsheet here \(Updated Nov 2020\)](#)

We strive to keep the information accurate and updated. Please report errors to: info@gisci.org

An active GISP search in real time from the database is available here:

LastName

wilson

Search

Name	Cert Number	Zipcode	Title	Expiration Date
Robert C Wilson	54923	37402	Environmental Scientist	6/25/2022
Sonya Wilson	57630	89111	Sr GIS Analyst	8/25/2023
Thomas P. Wilson	61318	37403	UC Foundation Professor	1/25/2022
Thomas G. Wilson	45010	78132	Cityworks Architect	1/25/2021
Todd Wilson	25587	28208	GIS Manager	7/25/2022



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 11219

NAME: ERICSON, PAUL KENNETH
LICENSE TYPE: ELECTRICAL ENGINEER
LICENSE STATUS: CLEAR

ADDRESS
 6112 TOOLEY STREET
 SAN DIEGO CA 92114
 SAN DIEGO COUNTY
[MAP](#)

ISSUANCE DATE
 NOVEMBER 17, 1982
EXPIRATION DATE
 JUNE 30, 2021
CURRENT DATE / TIME
 MARCH 18, 2021
 3:54:17 PM



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 57536

NAME: OTHMER, EDWARD FRANCIS JR
LICENSE TYPE: CIVIL ENGINEER
LICENSE STATUS: CLEAR

ADDRESS
 12537 MCFERON ROAD
 POWAY CA 92064
 SAN DIEGO COUNTY
[MAP](#)

ISSUANCE DATE
 JULY 18, 1997
EXPIRATION DATE
 DECEMBER 31, 2021
CURRENT DATE / TIME
 MARCH 18, 2021
 3:55:22 PM



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 65388

NAME: CHUNG, ROGER T
LICENSE TYPE: CIVIL ENGINEER
LICENSE STATUS: CLEAR

ADDRESS
 153 SANCTUARY
 IRVINE CA 92620
 ORANGE COUNTY
[MAP](#)

ISSUANCE DATE
 JUNE 27, 2003
EXPIRATION DATE
 SEPTEMBER 30, 2021
CURRENT DATE / TIME
 MARCH 18, 2021
 4:15:26 PM



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 63132

NAME: HAYES, DANIEL JAMES
LICENSE TYPE: CIVIL ENGINEER
LICENSE STATUS: CLEAR

ADDRESS
 25111 MOBERLY CT
 LAGUNA NIGUEL CA 92677
 ORANGE COUNTY
[MAP](#)

ISSUANCE DATE
 JANUARY 25, 2002
EXPIRATION DATE
 JUNE 30, 2022
CURRENT DATE / TIME
 MARCH 18, 2021
 4:16:56 PM



LANDSCAPE ARCHITECTS TECHNICAL COMMITTEE

LICENSING DETAILS FOR: 4053

NAME: COOK, ARTHUR STEVENS II
LICENSE TYPE: LANDSCAPE ARCHITECT
LICENSE STATUS: CLEAR

ADDRESS
 338 SKYLINE DRIVE
 VISTA CA 92084
 SAN DIEGO COUNTY
[MAP](#)

ISSUANCE DATE
 AUGUST 23, 1994
EXPIRATION DATE
 OCTOBER 31, 2021
CURRENT DATE / TIME
 MARCH 18, 2021
 4:19:59 PM



Stantec Consulting Services Inc.
38 Technology Drive
Irvine, CA 92618



Stantec Consulting Services Inc. 2021 Rate Sheet

E. RATE SHEET

LABOR CLASSIFICATION	HOURLY RATE
Level 17	
Principal/QA/QC Manager	\$241.00
Sr. Transportation Specialist	\$241.00
Level 16	
Sr. Project Manager/ Sr. Environmental Specialist	\$234.00
Level 15	
Roadway Task Manager	\$212.00
Structural Engineer	\$212.00
Survey/Mapping/Right-of-Way	\$212.00
Level 14	
Landscape Task Manager	\$200.00
Sr. Project Engineer	\$200.00
Sr. Traffic Engineer	\$200.00
Level 13	
Sr. Engineer/Project Engineer/Project Architect	\$190.00
Sr. Transportation Planner	\$190.00
Traffic Engineer II	\$190.00
Geotechnical Engineer	\$190.00
Landscape Architect	\$190.00
Field Survey Coordinator	\$190.00
Senior Scientist II	\$190.00
Level 12	
Civil Engineer/Architect	\$181.00
Transportation Planner	\$181.00
Traffic Engineer I	\$181.00
Design Engineer/Architect Job Captain	\$181.00
Senior Scientist I	\$181.00

LABOR CLASSIFICATION	HOURLY RATE
Level 11 Engineering and Landscape Designer Survey Analyst Associate Scientist II	\$172.00 \$172.00 \$172.00
Level 10 Senior Designer CAD Technician Associate Scientist I	\$158.00 \$158.00 \$158.00
Level 9 Design Technician CAD Technician/Asst. Engineer II Sr. Project Coordinator Project Scientist II Assistant Planner	\$153.00 \$153.00 \$153.00 \$153.00 \$153.00
Level 8 Project Coordinator Junior Engineer/Asst. Engineer I Project Scientist I	\$148.00 \$148.00 \$148.00
Level 7 Administrative Support/Processing/Lab Tech Staff Scientist III	\$138.00 \$138.00
Level 6 Staff Scientist II	\$131.00
Level 5 Staff Scientist I	\$127.00
1-Man Survey Crew	\$185.00
2-Man Survey Crew	\$280.00
3-Man Survey Crew	\$380.00

Expert Witness Services carry a 50% premium on labor. Overtime will be charged at 1.5 times the standard billing rate.

Bidder's List for Civil Engineering and Surveying - 2021

Company Name	Phone
Ardurra Group	949-677-0391
Aztec Engineering	714-599-2255
BKF Engineers	949-526-8478
Civil Works Engineers	714-966-9060
ERSC	909-890-1255
GHD Inc	949-585-5224
Hartzog and Crabill	714-731-9455
Hunsaker and Associates	949-583-1010
Infrastructure Engineers	714-940-0100
JMC2	310-241-6550
KPFF Consulting	949-252-1022
Mark Thomas and Company	805-701-9427
Merrell Johnson Engineering	760-240-8000
Michael Baker	949-330-4145
NV5 Inc	949-585-0477
Psomas	714-751-7373
Quantum Consulting	310-891-3994
RAK Development dba Kreuzer Consulting Group	714-656-0160
Stantec Consulting	949-923-6962
Sustura Inc	714-465-3157
Tait and Associates	714-560-8200
Tetra Tech	951-662-0788
WG Zimmerman	714-799-1700



CERTIFICATE OF LIABILITY INSURANCE

5/1/2022

DATE (MM/DD/YYYY)

5/19/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	Lockton Companies 444 W. 47th Street, Suite 900 Kansas City MO 64112-1906 (816) 960-9000	CONTACT NAME:	
		PHONE (A/C, No, Ext):	FAX (A/C, No):
INSURED	1415077 STANTEC CONSULTING SERVICES INC. 370 INTERLOCKEN BOULEVARD, SUITE 300 BROOMFIELD CO 80021-8012	E-MAIL ADDRESS:	
		INSURER(S) AFFORDING COVERAGE	
		INSURER A : Berkshire Hathaway Specialty Insurance Company	
		INSURER B : Travelers Property Casualty Co of America	
		INSURER C :	
		INSURER D :	
INSURER E :			
INSURER F :			

COVERAGES

CERTIFICATE NUMBER: 17579885

REVISION NUMBER: XXXXXXXX

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> CONTRACTUAL/CROSS <input checked="" type="checkbox"/> XCU COVERED GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:	Y	N	47-GLO-307584	5/1/2021	5/1/2022	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 25,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B B B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY	Y	N	TC2J-CAP-8E086819 (AOS) TJ-BAP-8E086820 TC2J-CAP-8E087017 (NJ)	5/1/2021 5/1/2021 5/1/2021	5/1/2022 5/1/2022 5/1/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ XXXXXXXX BODILY INJURY (Per accident) \$ XXXXXXXX PROPERTY DAMAGE (Per accident) \$ XXXXXXXX \$ XXXXXXXX
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$	N	N	47-UMO-307585	5/1/2021	5/1/2022	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$ XXXXXXXX
B B B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	UB-3P635310 (AOS) UB-3P533004 (MA, WI) EXCEPT FOR OH ND WA WY	5/1/2021 5/1/2021	5/1/2022 5/1/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

RE: 2042; ON-CALL CIVIL ENGINEERING, SURVEYING & PROFESSIONAL CONSULTING SERVICES. THE CITY, ITS OFFICERS, ELECTED OR APPOINTED OFFICIALS, EMPLOYEES, AND VOLUNTEERS ARE ADDITIONAL INSURED AS RESPECTS GENERAL LIABILITY AND AUTO LIABILITY, IF REQUIRED BY WRITTEN CONTRACT.

CERTIFICATE HOLDER

CANCELLATION See Attachments

17579885

CITY OF HUNTINGTON BEACH
2000 MAIN STREET
HUNTINGTON BEACH CA 92648

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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Lockton Companies
444 W. 47th Street, Suite 900
Kansas City, MO 64112

STANTEC CONSULTING SERVICES INC.; 1415077



17579885

CITY OF HUNTINGTON BEACH
2000 MAIN STREET,
HUNTINGTON BEACH, CA 92648

Dear Valued Client:

In our continuing effort to provide timely certificate delivery, Lockton Companies is utilizing paperless delivery of Certificates of Insurance.

To ensure electronic delivery for future renewals of this certificate, we need your email address. Please contact us via the email below and reference Certificate ID: **17579885**. **You must reference this Certificate ID number in order for us to complete this process.**

- ◆ **Certificate ID: 17579885**
- ◆ **Email: kctsu@lockton.com**
- ◆ **Subject Line: TSU E-Delivery**

If you received this certificate through an internet link where the current certificate is viewable, we have your email and no further action is needed.

Please note that after February 2022, printed certificates will no longer be available.

If you no longer need this certificate, please contact us at the email address above, reference the Holder ID number and use this subject line: "Certificate Removal"

NOTE: The above email is a collector email regarding electronic delivery of certificates only. Please do NOT send certificate requests or other insurance inquiries to this inbox as responses will be delayed or missed.

Thank you for your cooperation and willingness in reducing our environmental footprint.

**Lockton Companies
Technical Services Unit**

POLICY NUMBER: 47-GLO-307584

COMMERCIAL GENERAL LIABILITY
CG 20 10 04 13**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.****ADDITIONAL INSURED – OWNERS, LESSEES OR
CONTRACTORS – SCHEDULED PERSON OR
ORGANIZATION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location(s) Of Covered Operations
ANY SUCH PERSON OR ORGANIZATION BUT ONLY TO THE EXTENT REQUIRED BY A WRITTEN CONTRACT EXECUTED PRIOR TO THE "OCCURANCE" FOR OFFENSE.	ALL LOCATIONS COVERED UNDER THIS POLICY, FOR LIABILITIES ARISING OUT OF OUR NAMED INSURED'S ACTIVITIES ONLY.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

- C. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or

2. Available under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

POLICY NUMBER: 47-GLO-307584

COMMERCIAL GENERAL LIABILITY
CG 20 37 04 13**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.****ADDITIONAL INSURED – OWNERS, LESSEES OR
CONTRACTORS – COMPLETED OPERATIONS**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART**SCHEDULE**

Name Of Additional Insured Person(s) Or Organization(s)	Location And Description Of Completed Operations
ANY SUCH PERSON OR ORGANIZATION BUT ONLY TO THE EXTENT REQUIRED BY A WRITTEN CONTRACT EXECUTED PRIOR TO THE "OCCURANCE" FOR OFFENSE.	ANY LOCATION OR PROJECT WHERE YOU ARE REQUIRED TO PROVIDE ADDITIONAL INSURED STATUS IN A WRITTEN CONTRACT OR WRITTEN AGREEMENT , EXCEPT WHERE SUCH CONTRACT OR AGREEMENT IS PROHIBITED BY LAW
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the Schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

POLICY NUMBER: TC2J-CAP-8E086819 (AOS); TJ-BAP-8E086820 ; TC2J-CAP-8E087017 (NJ)

NAMED INSURED: SEE ATTACHED CERTIFICATE

**COMMERCIAL AUTO
CA 20 48 10/13**

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**DESIGNATED INSURED
COVERED AUTOS LIABILITY COVERAGE**

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

This endorsement identifies person(s) or organization(s) who are "insureds" for Covered Autos Liability Coverage under the Who Is An Insured Provision of the Coverage Form. This endorsement does not alter coverage provided in the Coverage Form.

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below:

Endorsement Effective: 5/1/2021

SCHEDULE

Name of Person(s) or Organization(s):

WHERE REQUIRED BY WRITTEN CONTRACT

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to the endorsement.)

Each person or organization shown in the Schedule is an "insured" for Covered Autos Liability Coverage, but only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured Provision contained in Paragraph A.1. of Section II - Covered Autos Liability Coverage in the Business Auto and Motor Carrier Coverage Forms and Paragraph D.2. of Section I - Covered Autos Coverages of the Auto Dealers Coverage Form.

CA 20 48 10/13

D522021



CERTIFICATE OF LIABILITY INSURANCE

10/1/2021

DATE (MM/DD/YYYY)

5/19/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Lockton Companies 444 W. 47th Street, Suite 900 Kansas City MO 64112-1906 (816) 960-9000	CONTACT NAME:	
	PHONE (A/C, No, Ext):	FAX (A/C, No):
INSURED 1414100 STANTEC CONSULTING SERVICES INC. 370 INTERLOCKEN BOULEVARD, SUITE 300 BROOMFIELD CO 80021-8012	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	
	INSURER A : Berkshire Hathaway Specialty Insurance Company	
	INSURER B : AIG Specialty Insurance Company	
	INSURER C :	
	INSURER D :	
INSURER E :		
INSURER F :		

COVERAGES

CERTIFICATE NUMBER: 17579893

REVISION NUMBER: XXXXXXXX

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:			NOT APPLICABLE			EACH OCCURRENCE \$ XXXXXXXX DAMAGE TO RENTED PREMISES (Ea occurrence) \$ XXXXXXXX MED EXP (Any one person) \$ XXXXXXXX PERSONAL & ADV INJURY \$ XXXXXXXX GENERAL AGGREGATE \$ XXXXXXXX PRODUCTS - COMP/OP AGG \$ XXXXXXXX \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			NOT APPLICABLE			COMBINED SINGLE LIMIT (Ea accident) \$ XXXXXXXX BODILY INJURY (Per person) \$ XXXXXXXX BODILY INJURY (Per accident) \$ XXXXXXXX PROPERTY DAMAGE (Per accident) \$ XXXXXXXX \$
	UMBRELLA LIAB EXCESS LIAB DED RETENTION \$			NOT APPLICABLE			EACH OCCURRENCE \$ XXXXXXXX AGGREGATE \$ XXXXXXXX \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			NOT APPLICABLE			PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ XXXXXXXX E.L. DISEASE - EA EMPLOYEE \$ XXXXXXXX E.L. DISEASE - POLICY LIMIT \$ XXXXXXXX
A	Professional Liab	N	N	47-EPP-308810 NO RETROACTIVE DATE	10/1/2020	10/1/2021	\$3,000,000 PER CLAIM/AGG INCLUSIVE OF COSTS
B	Contractors Pollution Liab			CPO8085428	10/1/2019	10/1/2021	\$3,000,000 PER LOSS/AGG

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
RE: 2042; ON-CALL CIVIL ENGINEERING, SURVEYING & PROFESSIONAL CONSULTING SERVICES.

CERTIFICATE HOLDER

17579893

CITY OF HUNTINGTON BEACH
2000 MAIN STREET
HUNTINGTON BEACH CA 92648

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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PROFESSIONAL SERVICES CONTRACT BETWEEN
THE CITY OF HUNTINGTON BEACH AND

FOR

Table of Contents

1	Scope of Services	1
2	City Staff Assistance.....	2
3	Term; Time of Performance.....	2
4	Compensation	2
5	Extra Work.....	2
6	Method of Payment.....	3
7	Disposition of Plans, Estimates and Other Documents	3
8	Hold Harmless	3
9	Professional Liability Insurance.....	4
10	Certificate of Insurance.....	5
11	Independent Contractor.....	6
12	Termination of Agreement.....	6
13	Assignment and Delegation	6
14	Copyrights/Patents	7
15	City Employees and Officials	7
16	Notices.....	7
17	Consent	8
18	Modification.....	8
19	Section Headings	8
20	Interpretation of this Agreement	8
21	Duplicate Original.....	9
22	Immigration.....	9
23	Legal Services Subcontracting Prohibited	9
24	Attorney's Fees.....	10
25	Survival	10
26	Governing Law	10
27	Signatories.....	10
28	Entirety.....	10
29	Effective Date.....	11

PROFESSIONAL SERVICE AWARD ANALYSIS

SERVICE: On-Call Civil Engineering

SERVICE DESCRIPTION: Engineering support for City's annual Capital Improvement Program projects.

VENDOR: RAK Development dba Kreuzer Consulting Group (KCG)

OVERALL RANKING: 1 out of 23

SUBJECT MATTER EXPERTS/RATERS:

1. Principal Civil Engineer 2. Senior Civil Engineer 3. Contract Administrator

I. MINIMUM QUALIFICATIONS REVIEW

- Written Proposal Score: Ave. of 88

KCG – Minimum Qualifications Review		
<u>Criteria</u>	<u>Total Weighted Score</u>	<u>Maximum Score</u>
<i>Proposal Clarity</i>	9	10
<i>Qualifications</i>	22	20
<i>Staffing</i>	20	20
<i>Understanding and Methodology</i>	12	15
<i>References and Background</i>	10	10
<i>Interview</i>	15	15
Total	88	100

II. DUE DILIGENCE REVIEW

KCG – Summary of Review
<ul style="list-style-type: none">• Small but experienced civil design firm

KCG – Pricing
<ul style="list-style-type: none">• Low end from \$50/hr• High end to \$200/hr for Principal

PROFESSIONAL SERVICE AWARD ANALYSIS

SERVICE: On-Call Civil Engineering

SERVICE DESCRIPTION: Engineering support for City's annual Capital Improvement Program projects.

VENDOR: Stantec

OVERALL RANKING: 2 out of 23

SUBJECT MATTER EXPERTS/RATERS:

1. Principal Civil Engineer 2. Senior Civil Engineer 3. Contract Administrator

I. MINIMUM QUALIFICATIONS REVIEW

- Written Proposal Score: Ave. of 83

Stantec – Minimum Qualifications Review		
<u>Criteria</u>	<u>Total Weighted Score</u>	<u>Maximum Score</u>
Proposal Clarity	8	10
Qualifications	21	20
Staffing	20	20
Understanding and Methodology	12	15
References and Background	9	10
Interview	13	15
Total	83	100

II. DUE DILIGENCE REVIEW

Stantec – Summary of Review
<ul style="list-style-type: none">• Good civil and surveying services. Worked with City previously

Stantec – Pricing
<ul style="list-style-type: none">• Low end from \$127/hr• High end to \$241/hr for Principal

PROFESSIONAL SERVICE AWARD ANALYSIS

SERVICE: On-Call Civil Engineering

SERVICE DESCRIPTION: Engineering support for City's annual Capital Improvement Program projects.

VENDOR: BKF Engineers

OVERALL RANKING: 3 out of 23

SUBJECT MATTER EXPERTS/RATERS:

1. Principal Civil Engineer 2. Senior Civil Engineer 3. Contract Administrator

I. MINIMUM QUALIFICATIONS REVIEW

- Written Proposal Score: Ave. of 79

BKF – Minimum Qualifications Review		
<u>Criteria</u>	<u>Total Weighted Score</u>	<u>Maximum Score</u>
<i>Proposal Clarity</i>	9	10
<i>Qualifications</i>	18	20
<i>Staffing</i>	20	20
<i>Understanding and Methodology</i>	12	15
<i>References and Background</i>	10	10
<i>Interview</i>	10	15
Total	79	100

II. DUE DILIGENCE REVIEW

BKF – Summary of Review
<ul style="list-style-type: none">• Good design and street rehab experience

BKF – Pricing
<ul style="list-style-type: none">• Low end from \$74/hr• High end to \$255/hr for Principal

PROFESSIONAL SERVICE AWARD ANALYSIS

SERVICE: On-Call Civil Engineering

SERVICE DESCRIPTION: Engineering support for City's annual Capital Improvement Program projects.

VENDOR: Ardurra Group

OVERALL RANKING: 4 out of 23

SUBJECT MATTER EXPERTS/RATERS:

1. Principal Civil Engineer 2. Senior Civil Engineer 3. Contract Administrator

I. MINIMUM QUALIFICATIONS REVIEW

- Written Proposal Score: Ave. of 78

Ardurra – Minimum Qualifications Review		
<u>Criteria</u>	<u>Total Weighted Score</u>	<u>Maximum Score</u>
<i>Proposal Clarity</i>	9	10
<i>Qualifications</i>	15	20
<i>Staffing</i>	18	20
<i>Understanding and Methodology</i>	14	15
<i>References and Background</i>	8	10
<i>Interview</i>	13	15
Total	78	100

II. DUE DILIGENCE REVIEW

- Interview Ranking:

Ardurra – Summary of Review	
•	Excellent staffing experience

Ardurra – Pricing	
•	Low end from \$100/hr
•	High end to \$230/hr for Principal

PROFESSIONAL SERVICE AWARD ANALYSIS

SERVICE: On-Call Civil Engineering

SERVICE DESCRIPTION: Engineering support for City's annual Capital Improvement Program projects.

VENDOR: Psomas

OVERALL RANKING: 5 out of 23

SUBJECT MATTER EXPERTS/RATERS:

1. Principal Civil Engineer 2. Senior Civil Engineer 3. Contract Administrator

I. MINIMUM QUALIFICATIONS REVIEW

- Written Proposal Score: Ave. of 77

Psomas – Minimum Qualifications Review		
<u>Criteria</u>	<u>Total Weighted Score</u>	<u>Maximum Score</u>
<i>Proposal Clarity</i>	9	10
<i>Qualifications</i>	18	20
<i>Staffing</i>	20	20
<i>Understanding and Methodology</i>	10	15
<i>References and Background</i>	10	10
<i>Interview</i>	10	15
Total	77	100

II. DUE DILIGENCE REVIEW

Psomas – Summary of Review
<ul style="list-style-type: none">• Capable of delivering a variety of civil engineering projects

Psomas – Pricing
<ul style="list-style-type: none">• Low end from \$105/hr• High end to \$290/hr for Principal