SANTA BARBARA MTD

BOARD OF DIRECTORS REPORT

MEETING DATE: JANUARY 20, 2026 **AGENDA ITEM #:** 10

TYPE: ACTION ITEM

PREPARED BY: SENIOR PURCHASING AGENT VALERIE WHITE

REVIEWED BY: GENERAL MANAGER JERRY ESTRADA

SUBJECT: **CONTRACT AWARD FOR ON-CALL ARCHITECTURAL AND ENGINEERING SERVICES**

RECOMMENDATION:

Staff recommends that the Board authorize the General Manager to execute a professional services agreement with Stantec Architecture, Inc. (Stantec) to provide On-Call Architectural & Engineering (A&E) Services for a three-year base term, with the option to extend the term for up to an additional two-year term, with an Indefinite Delivery-Indefinite Quantity based on a fee schedule not to exceed $1 million annually.

DISCUSSION:

MTD requires professional architectural and engineering support to implement capital improvement projects, maintain facilities, and advance zero-emission infrastructure goals. MTD's current On-Call A&E Services agreement fulfilled all option years. As MTD is a Federal Transit Administration (FTA) recipient, the procurement approach for the contract is qualifications-based, with price not determinative, as outlined in 40 U.S.C. Chapter 11 ("Brooks Act" procedures), as defined by the FTA Circular 4220.1G.

The Request for Qualifications for On-Call A&E Services (RFQ) was issued on October 16, 2026: advertised twice in the VC Star, once in the weekly Santa Barbara Independent, posted to MTD's website, and sent directly to over 90 firms. MTD received four qualification packets in response to the RFQ for evaluations, each demonstrating responsiveness and responsibility.

1) **DesignARC**—deploys a deep local bench proven with a portfolio of landmark Santa Barbara projects, including the Hotel Californian, the Bowl Master Plan, and UCSB's Olympic Village
2) **Rasmussen & Associates**—collaborates with top engineering firms to deliver complex facility projects, including the Del Norte Transfer Station, Port Hueneme's auto distribution center, and Ventura County Medical Center
3) **Stantec Architecture Inc.**—leverages deep, multi-office technical capacity and specialized zero-emission bus strategists. Their 10-year track record covers 30+ transit agencies, including SamTrans, Fresno Area Express, and Glendale Beeline

4) **BFK Architecture & Planning**—withdrew proposal due to unforeseen circumstances.

Based upon extensive assessments, including interviews with all respondents, the Evaluation Committee ranked Stantec Architecture as the most qualified. References from peer agencies, such as Foothill Transit and Monterey-Salinas Transit, confirmed Stantec's ability to deliver responsive, rapid solutions for diverse transit facility needs. They specifically highlighted Will Todd, now Principal at Stantec, and his collaborative approach and wealth of technical knowledge. The MTD evaluation committee agreed that Mr. Todd's leadership on MTD's Facilities Master Plan and electric infrastructure projects provides an unmatched, granular understanding of MTD's properties and the types of capital projects in MTD's pipeline. This institutional knowledge is bolstered by Stantec's industry-leading expertise in transit operations—validated by over 200 awards and a top-50 ranking by Engineering News-Record—along with a strong focus on equitable access, safety, and sustainability.

There is no guaranteed compensation associated with these On-Call Master Agreements. Expenses are incurred only when MTD issues a specific Task Order for a defined project. Upon review of Stantec's initial fee schedule, proposed rates exceeded MTD's Independent Cost Estimate (ICE), which was based on current contract rates adjusted for CPI. Consequently, MTD initiated single-firm negotiations to align the pricing with MTD expectations.

Stantec submitted a Best and Final Offer (BAFO), which reduced the increase from an average of 8% to 6%. The final agreement secures Mr. Todd, Principal, to remain as MTD Project Manager, while the fee schedule for other staff is based on their roles for potential MTD projects rather than on corporate titles. Staff has determined these negotiated rates are fair and reasonable.

ATTACHMENT:

- Attachment 1 - Stantec Architecture, Inc. submittal for contract.

ATTACHMENT 1

Stantec

Santa Barbara MTD

On-Call Architectural & Engineering (A&E) Services

Stantec Architecture Inc.
November 13, 2025

Envelope 2: Statement of Qualifications

Stantec Architecture Inc.
801 S. Figueroa Street, Suite 300
Los Angeles, CA 90017

November 13, 2025

Attention:
Valerie White
Purchasing Agent
Santa Barbara Metropolitan Transit District
550 Olive Street
Santa Barbara, CA 93101

Reference: On-Call Architectural & Engineering (A&E) Services

Dear Valerie,

Santa Barbara MTD's commitment to innovation and zero-emission operations is inspiring—continuously adapting to evolving community needs while delivering safe, reliable, and efficient transportation for the County. To sustain the exceptional quality of your transit service, you need a trusted partner who can support your goals of implementing facility improvements and ZEB infrastructure with minimal disruptions to your operations. The Stantec team is that partner—bringing familiarity, efficiency, and transit expertise to ensure your vision becomes reality.

Stantec is well-positioned to serve Santa Barbara MTD with offices in Santa Barbara, Santa Maria, Ventura, and Los Angeles. Stantec will deliver the majority of project services from its Los Angeles office, ensuring robust resources and expertise for all phases of the work. To complement this, civil engineering and surveying will be provided locally from Stantec's Santa Barbara and Santa Maria offices, environmental services from Santa Maria and Ventura, and local subconsultants, which are within the recommended 75-mile radius of MTD's Administrative Office. This multiple-office approach promotes responsive, on-site support for board presentations, job walks, pre-construction meetings, and punch lists. In addition, we are subcontracting electrical engineering, geotechnical engineering, landscape architecture, and cost estimating to firms with offices in Santa Barbara area and Ventura County. Stantec is fully committed to meeting MTD's needs without requiring any additional travel compensation, leveraging all of our office locations to provide timely, in-person engagement and seamless project execution. Our team includes the following firms shown in the table below.

Stantec Team

Firm/Address	DBE /SBE	Role	Point of Contact	Relevant Firm Experience with SBMTD
Stantec 200 East Carrillo Street, Suite 101 Santa Barbara, CA 93101 801 S. Figueroa Street, Suite 300 Los Angeles, CA 90017		Architecture, Industrial Equipment, Interior Design, MEP Engineering, Structural Engineering, Technology, Fueling, and Environmental	Will Todd will.todd@stantec.com	• Santa Barbara MTD On-Call A&E Services • Santa Barbara Facilities Master Plan • Santa Barbara Corporate Yard Master Plan
GECE Corp 2529 Professional Parkway, Suite A Santa Maria, CA 93456	•	Electrical Engineering	Heather Gray heather@gececorp.com	• Santa Barbara MTD On-Call A&E Services
Jacobus & Yuang 330 N. Lantana St., STE 28, #220 Camarillo, CA 93010	•	Cost Estimating	Cobus Malan cobus@jyiestimate.com	• Santa Barbara MTD On-Call A&E Services • Santa Barbara Facilities Master Plan • Santa Barbara Corporate Yard Master Plan
Earth Systems 115 West Canon Perdido Street Santa Barbara, CA 93130	•	Geotechnical Engineering	Tony Mazzei tmazzei@earthsystems.com	• Santa Barbara MTD On-Call A&E Services
True Nature Design 315 Meigs Rd Ste A-131, Santa Barbara, CA 93109	•	Landscape Architecture	Kimberly True kim@truenaturedesign.com	• Santa Barbara MTD On-Call A&E Services

Why Stantec?

Locally Engaged and Nationally Recognized Team Members Aligned with Your Vision–Our team of architectural and engineering talent is based largely in house within Stantec, but supplemented by outside consultants that are trusted partners, firms with which we have worked with on other transit projects. Our first priority is providing you with the right people for your projects.

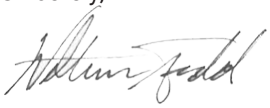
Successful 71-Year History Delivering Complex Transit Projects–The key to timely delivery of your services is an experienced, flexible partner who is committed to anticipating your project needs and can successfully support a range of multidisciplinary projects from planning through construction. We will apply our team's successful approach to complete projects on schedule, deliver complex transit infrastructure and design, and effectively partner with SBMTD and the community to support your upcoming projects.

Numerous On-Call Transit Planning and Design Contracts–We have numerous on-call contracts with transit agencies throughout California. Current on-call contracts include SamTrans, City and County of San Francisco, ECCTA, StanRTA, OCTA, NCTD, Santa Barbara MTD, SunLine Transit, StanRTA, and Foothill Transit. We welcome you to contact our references specifically related to our performance with on-call services.

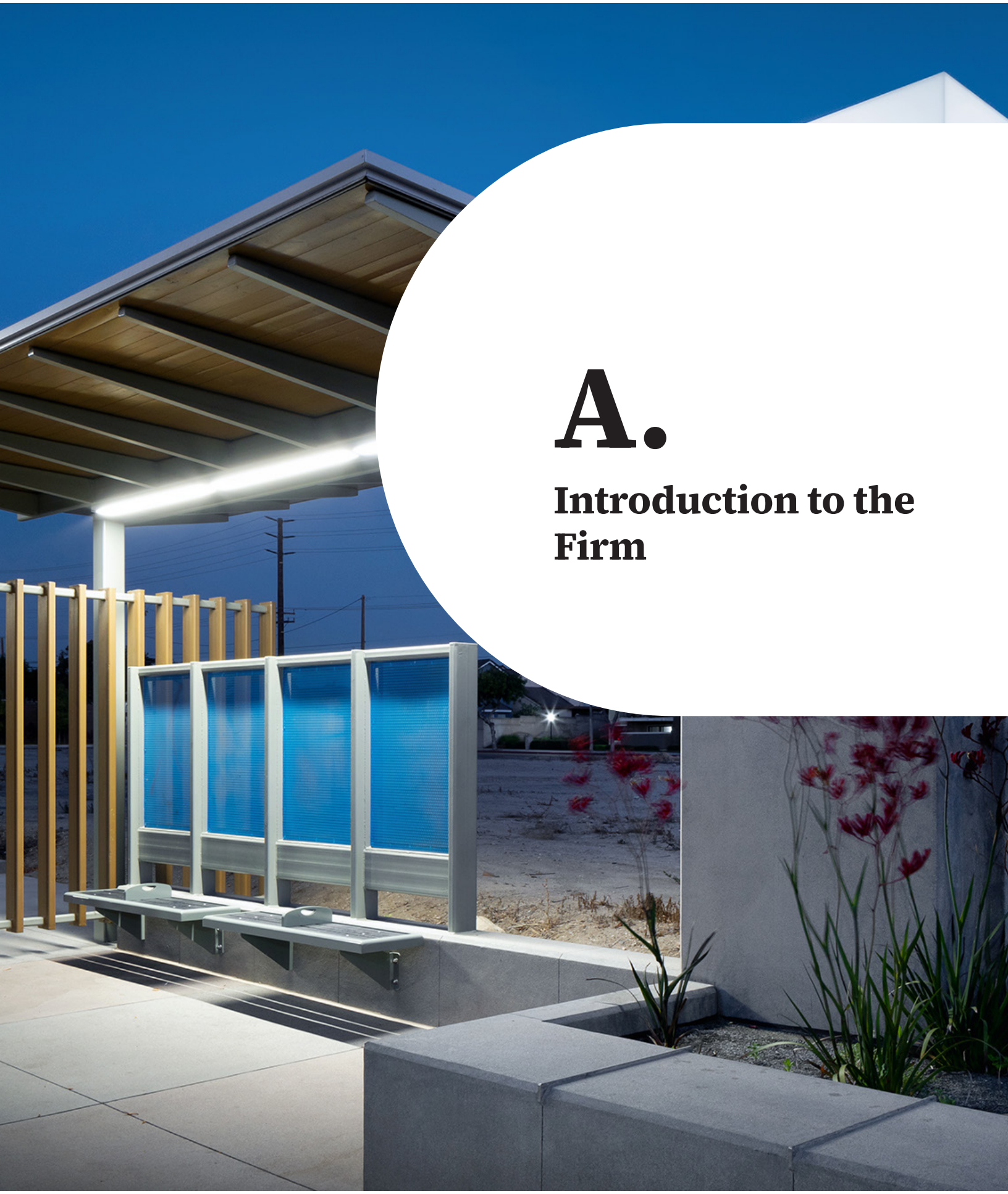
Acknowledgments
Stantec is willing to enter into a contract with MTD to perform the work as described in the RFP Scope of Work; and we will commit our best efforts in fulfilling our responsibilities under the contract. We are willing to accept the terms and conditions in the MTD Master Agreement, the Federal Transit Administration: Contract Provisions and the Scope of Work. Stantec will meet the insurance requirements indicated in the MTD Master Agreement.

We look forward to the opportunity to continue to partner with SBMTD on this very important on-call contract. We value the relationship we have developed with SBMTD over the eight years working on the current on-call contract, the facilities master plan, and the zero emission bus rollout plan. Our team is available to start on your project immediately and will meet your scheduling and project objectives. Should you have any questions, please contact me at any time.

Sincerely,



Will Todd, AIA, LEED AP
Principal in Charge/Project Manager
213-955-9775
will.todd@stantec.com



A.

Introduction to the Firm

A. Introduction to the Firm

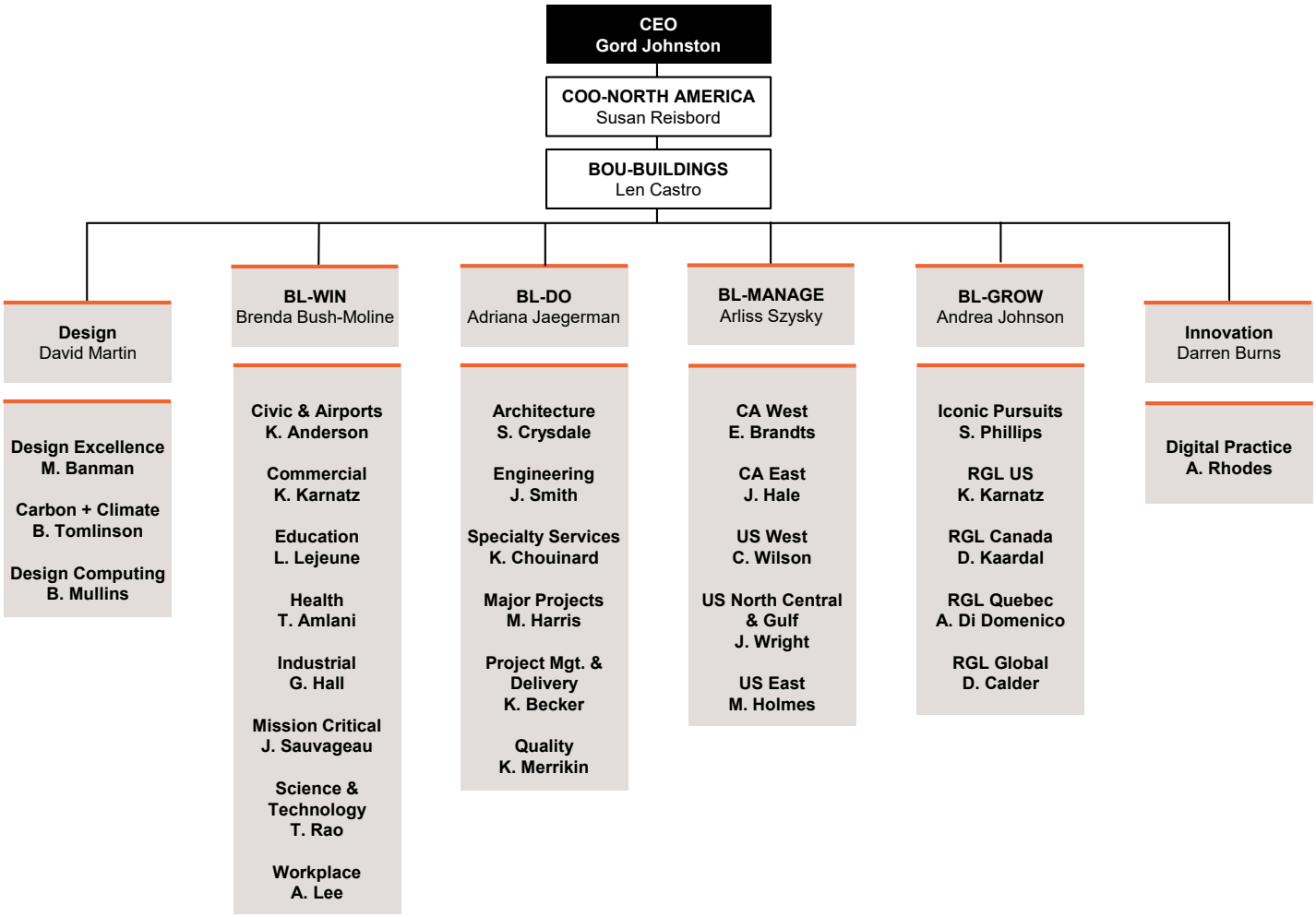
Firm Profile
Founded in 1954, Stantec is a global design practice focused on creating better design at every scale. As a tightly integrated collection of designers spanning scales, geographies and disciplines, we balance insight and aesthetics to solve complex problems and find vibrant, meaningful, high-performing solutions. We have proven that the most successful solutions are built on holistic thinking. We believe deeply thoughtful understanding is critical to solving today's complex challenges, and we combine this insight with aesthetics to create places that are functional and beautiful.

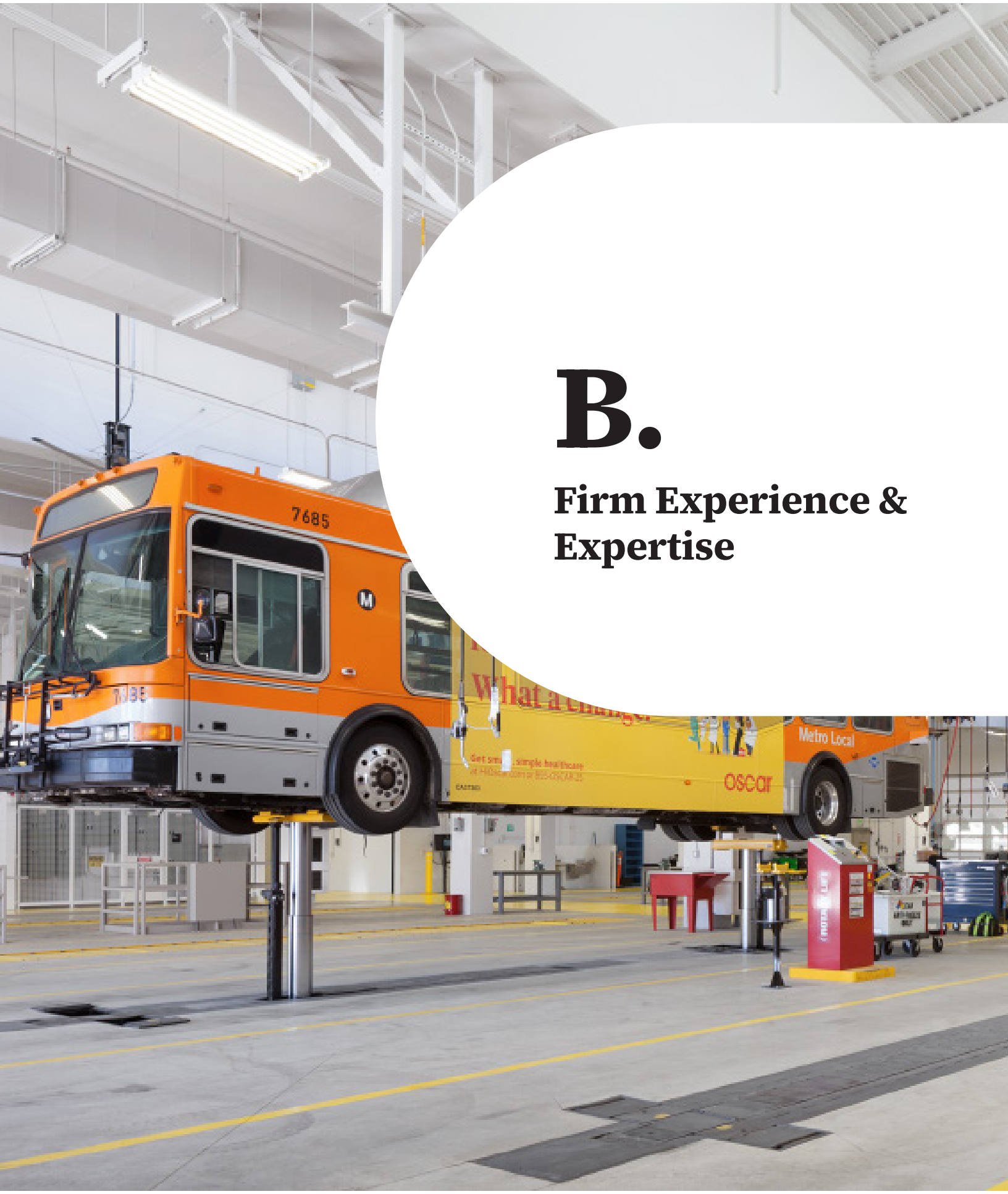
We're Proud of Our Long History
Stantec's story is the story of our relationships with our clients. It's the story of how we've continued to improve the quality of life in communities around the world while working behind the scenes through our projects. We take pride in a long history of being part of the communities we serve. We started in 1954 as a one-person firm, and today, the Stantec community unites approximately 34,000 employees working in over 400 locations across 6 continents.

Santa Barbara Natives
Stantec is deeply rooted in the Santa Barbara community, with an office of 35 employees and over 70 year history providing engineering and surveying services to public agencies and private clients throughout Santa Barbara County. Several of our Santa Barbara based team members will provide their valuable knowledge and experience of key local issues.

Legal Name:	Stantec Architecture Inc.
Legal Form of Company	Corporation
State of Incorporation	North Carolina
Years in Business	71
FEIN:	56-2220906
Number of Employees	34,000
Office Locations	400 globally, 28 in CA
Local Office Address:	111 E. Victoria Street Santa Barbara, CA 93101
Point of Contact and Authorized Signatory:	Will Todd, AIA Principal in Charge 213-955-9775 will.todd@stantec.com
Basic Services:	architecture and interior design, buildings engineering, environmental, survey, industrial equipment, fueling systems, civil engineering, landscape architecture, transit advisory services, transit planning

Firm Organization Chart





B.

Firm Experience & Expertise

B. Firm Experience & Expertise

Identification of Prime Firm – Stantec

Stantec will provide project management, architecture, industrial equipment design, fueling design, interior design, MEP Engineering, Fire Suppression Engineering, Structural Engineering, Lighting Design, Information & Communication Technology, Civil Engineering, Surveying, BEB Charging Infrastructure, and Environmental Services. Founded in 1954, Stantec is one of the nation's leading architecture and engineering firm specializing in the planning and design of operations & maintenance facilities. Stantec's design philosophy is centered on making operations facilities about the people who work in these facilities and provide valuable services to their communities. We focus on health and wellness, and bring regenerative design to our clients and these facilities.

The Stantec team is built to be flexible and fluid for any phase of project development—providing you with the right staff at the right time with optimal efficiency. We bring diverse subject-matter experts, backed by a multidisciplinary resource pool to respond to all scope of service areas. We also have the ability to support assigned work plans and mobilize immediately. We designed our team based on the qualifications, experience, and availability of the individuals. The names you see in our organization chart represent the best talent available in the industry for each position. Each firm and associated personnel were rigorously reviewed, hand-selected, and vetted by our Project Manager, Will Todd. Throughout the contract, he will continue to verify each project is utilizing the personnel that best fit the task.

Stantec brings a deep bench of multidisciplinary expertise and a proven history of delivering successful transit projects across California and beyond. With experience ranging from projects under $500,000 to those exceeding $100 million in construction value, Stantec demonstrates agility and scale in its service delivery. Our team is equipped to respond swiftly and effectively to the dynamic needs of on-call contracts. We have held long-standing on-call relationships with agencies such as Foothill Transit, OCTA, LA Metro, Santa Barbara MTD, and SamTrans, among others. These engagements have included full design services for operations and maintenance facilities, tenant improvements, ADA upgrades, fueling infrastructure, bus wash systems, and BEB charging infrastructure—demonstrating our ability to manage diverse scopes and deliver high-quality outcomes.

Our specialized experience with transit agencies is reflected in our portfolio of more than 600 operations and maintenance facilities and over 100 transit centers/stations nationwide for transit agencies, utility districts, and public works departments. We understand the nuances of transit operations, including the integration of zero-emission bus (ZEB) infrastructure, renewable diesel fueling systems, and battery electric bus (BEB) charging infrastructure.

What sets our firm apart is our integrated delivery model and commitment to client-focused solutions. Our in-house capabilities allows us to streamline coordination, maintain quality control, and tailor solutions to each agency's unique goals. Our team is adept at managing multiple concurrent task orders, balancing staffing across projects in various stages—from master planning to schematic design to construction documents. With a strong local presence and national recognition, we are well-positioned to support MTD's on-call needs with agility, innovation, and a commitment to excellence.

> ***"Foothill Transit has contracted with Stantec to deliver design services for three on-call contracts and two transit center projects over the last ten years. Stantec has provided highly qualified personnel which exhibit a high degree of professionalism, are highly responsive and possess valuable expertise in their field. We are very pleased with their work product and would recommend them to your agency."***
>
> Sharlane Bailey, Foothill Transit, Director of Facilities

Operations & Maintenance Facilities
Stantec is the nation's leading architectural firm specializing in the planning and design of operations and maintenance facilities. Stantec's core team of dedicated market specific professionals approach every project as a unique design opportunity that responds to each client's overall needs, opportunities, constraints, and most importantly their overall vision for the project. Our design process is centered on collaboration and specifically tailored to engage the stakeholders from the very start. Stantec excels at the national level because our design philosophy is centered on making operations & maintenance facilities about the people that work in these facilities, maintain the vehicles, and provide the valuable transportation and municipal related services to their communities. Design aesthetics, sustainability, neighborhood compatibility and community acceptance play a vital role in the design of all of Stantec's transit projects. Our design process includes looking at the following:

Functionality - The programming, site planning, and concept design must be functional. Our entire approach is centered on developing facilities that will be functional and designed specifically for your staff and users based upon their desired operating procedures. Our design team will spend the necessary time to understand how your departments operate, share how similar organizations operate, and provide the latest innovative design solutions.

Safety - Ensuring that your master plan and facility design creates an overall efficient, yet safe environment is our top priority. Transit Operations and Maintenance Facility projects naturally combine employee vehicles with transit and non-revenue vehicles. Operations typically occur for 20-22 hours per day. Transit facilities must remain operational to assist in relief during natural disasters and large scale emergency situations. The Stantec Team understands these unique requirements and plan the facility accordingly.

Sustainability and Energy Efficiency - Our goal is to design exceptional places, facilities and work environments that help improve people's lives by being responsible stewards of the earth, and by addressing energy efficiency, healthy facilities, and respect for the environment. These values are inherent from master planning through final design, and are core to Stantec's mission. Recognizing environmental regulations and polices coming into effect within many transit industries, we investigate sustainable energy opportunities to determine best suited solutions to reducing carbon footprints and deploying innovative infrastructure.

Specialized Expertise: Functional & Efficiency Planning
Stantec helps clients achieve high performance in safety, quality, and cost efficiency for operations and maintenance facilities. We work closely with clients to develop safe and productive processes, efficient space allocation and layouts, and appropriate equipment performance specifications. This optimizes work and material flow on site and within buildings while still meeting business and operational needs.

Understanding and defining the operating concept for a new or expanded facility is a critical component of successful facility design. A well-defined functional program provides our clients with a clear definition of the goals and needs of a project, and provides a framework for establishing priorities and making decisions.

Stantec employs a systematic process to gather and disseminate information from clients and develop a proposed path forward including facility layout options, estimated costs, and schedule implications. Key elements that drive our designs are rooted in value stream mapping, cycle time analysis, and LEAN design philosophies which include effective and efficient process flow, reduction of work in process (WIP), and provide a facility that promotes functionality, flexibility and resiliency.

Stantec's relevant experience is featured in Section F: Work Samples.

> ***"Stantec designed Division 13 to support the overall health and safety of Metro employees. It's fair to say we put every single sustainable strategy we could come up with into this building. These clever sustainability features will help save on facility maintenance costs, and the thoughtful design makes it more engaging for the public and our employees."***
>
> Tim Lindholm, LA Metro Chief Program Management Officer

Project References–On this page, we have included information on the extensive similar project experience that we have designed and delivered to clients over the past ten years.

Project Name	Contract Timeframe	On-Call Services Contract	Conceptual Design Development	Preparation of Detailed Engineering Designs and Drawings	Preparation of Construction Specifications	Engineering Studies	Land Survey and Mapping Services	Civil/Site Improvement Designs	Mechanical Analysis and Design	Electrical and Communication Systems Design	Architectural/Space Planning	Structural Design and Analysis	Constructability Reviews	Preparation of Construction Cost Estimates	Development of Construction Schedules	Design Support During Construction
SamTrans GEC Design Services for Various Projects	2023-present	•	•	•	•	•	•	•	•	•	•	•		•		•
Foothill Transit A/E On-Call Services	2014-present	•	•	•	•	•	•	•	•	•	•	•		•	•	•
Orange County Transit A/E On-Call Services	2015-present	•	•	•	•	•	•	•	•	•	•	•		•	•	•
Santa Barbara MTD A/E On-Call Services	2020-present	•	•	•	•	•	•	•	•	•	•	•		•	•	•
ECCTA A/E On-Call Services	2023-present	•	•			•		•	•	•	•	•				
StanRTA A/E On-Call Services	2024-present	•	•			•		•			•					
NVTA A/E On-Call Services	2023-present	•	•			•										
NCTD A/E On-Call Services	2019-2023	•	•	•	•	•			•	•	•	•		•		•
LA Metro Supplemental Engineering Services	2012-2021	•	•	•	•	•	•	•	•	•	•	•		•	•	•
Fresno Area Transit Facility Improvements	2019-present	•	•	•	•	•	•	•	•	•	•	•		•	•	•
SFMTA/City of San Francisco Public Works	2019-2023	•	•			•		•	•	•	•	•		•		
San Luis Obispo RTA AOMF	2017-2022		•	•	•	•	•	•	•	•	•	•	•	•	•	•
Monterey Salinas Transit OMF Master Plan	2022-present		•			•		•	•	•	•	•		•		
Napa Valley Transit OMF	2019-2024		•	•	•	•	•	•	•	•	•	•	•	•	•	•
SamTrans Electrical Infrastructure Upgrades	2021-2022		•			•		•		•		•		•		
SamTrans New HQ Tenant Improvements	2024-present	•	•	•							•					•
OCTA New HQ Tenant Improvements	2025-present		•	•	•				•	•	•			•		•
OCTA Transit Security & Operations Center	2020-present		•	•	•	•	•	•	•	•	•	•	•	•	•	•
Glendale Beeline OMF	2016-2020		•	•	•	•	•	•	•	•	•	•	•	•	•	•
Foothill Transit Gas Detection Upgrades	2022-2023		•	•	•	•			•	•		•		•		•
SunLine Transit On-Call Hydrogen Engineering Services	2024-present	•	•	•	•	•			•	•		•	•	•		•
Norwalk Transit Facility Tenant Improvements	2023-present		•	•	•	•				•	•	•		•	•	•
Gardena Transit Dispatch Remodel Project	2022-2023		•	•	•	•				•	•	•		•	•	•
Commerce Transit Bus OMF	2022-present		•	•	•	•	•	•	•	•	•	•			•	•
Pasadena Transit Bus OMF	2025-present		•	•	•	•	•	•	•	•	•	•	•		•	•
Foothill Transit Covina Transit Center	2016-2020		•			•	•	•	•	•	•	•	•	•	•	•
Gold Coast Transit Bus OMF	2016-2020		•	•	•	•	•	•	•	•	•	•	•			•
Golden Empire Transit CSU Bakersfield Transit Center	2017-2018		•	•	•	•	•	•		•	•	•	•		•	•
City of Thousand Oaks Bus Wash Replacement	2023-present		•	•	•	•	•	•	•	•	•	•	•			•
LA Metro Willowbrook/Rosa Parks Station	2017-2023		•	•	•	•	•	•	•	•	•	•	•	•	•	•

C.

Individual Experience and Expertise

C. Individual Experience and Expertise

Foothill Transit Covina Transit Center and Parking Structure, Covina, California

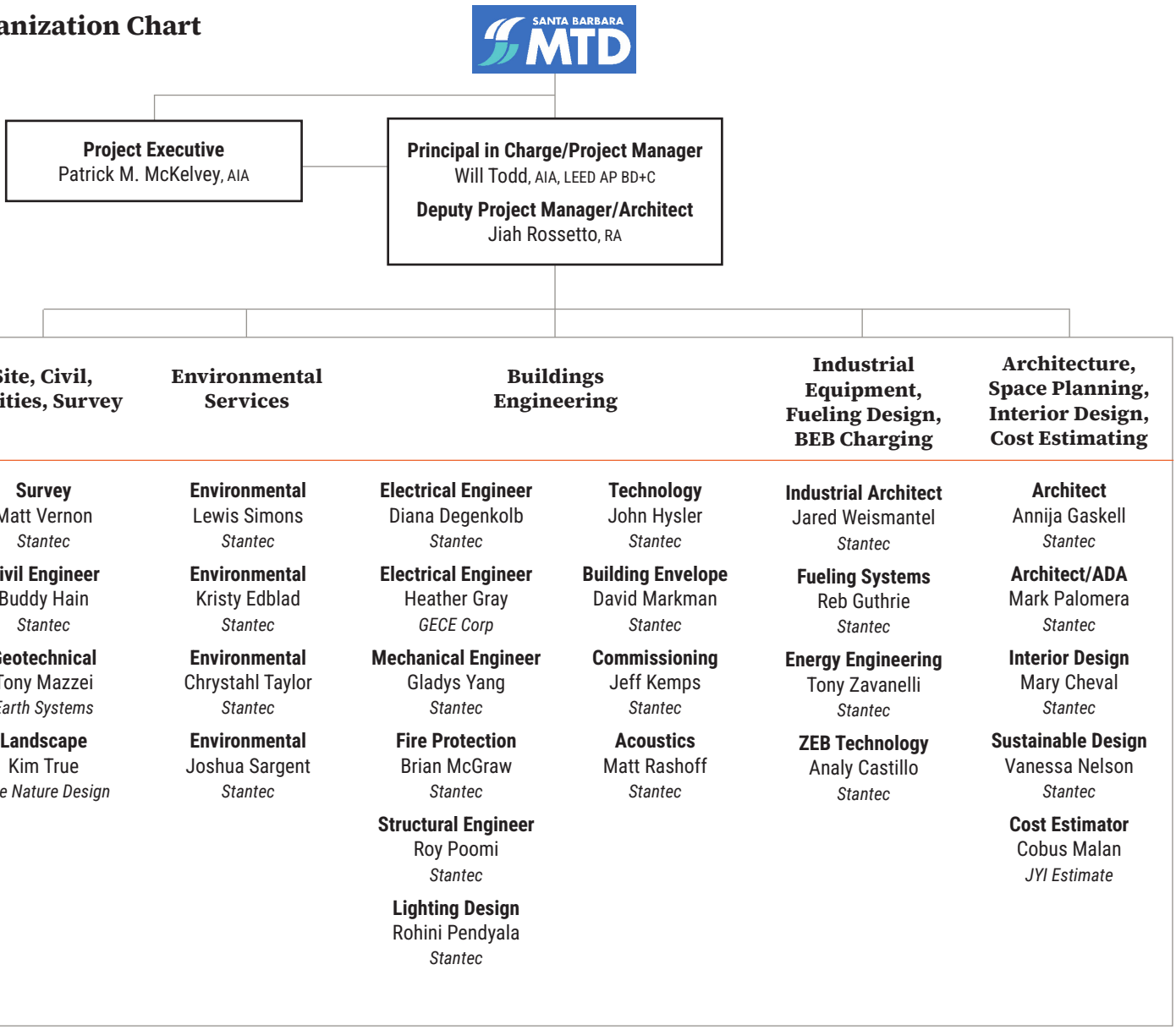
People make the team and work plan successful. We have committed key and specialty technical team members with decades of similar transit experience, depth of knowledge, and robust leadership and communication abilities to deliver any scope of work. Our objective will remain consistent—deliver work plans that meet your requirements, on schedule and within budget. The proposed team includes seasoned professionals with decades of experience in transit projects. Stantec's subconsultants, include GECE Corp, True Nature Design, Earth Systems, and JYI Estimate. Their familiarity with local conditions, permitting agencies, and transit standards ensures seamless integration and delivery. Together, Stantec and its subconsultants form a cohesive and complementary team with the technical depth and regional insight needed to deliver high-quality, resilient infrastructure solutions.

Our team will be led by by Will Todd, Principal in Charge/Project Manager, who has more than 18 years experience providing master planning, programming, and architecture services to more than 50 transit agencies in California. He has led large teams on complex design and renovation projects, has experience developing bridging documents and full design, and understands the operational and functional needs of transit projects. Will has a track record of achievements in managing complex architectural projects from inception to completion, including design, planning, quality assurance and client/contractor/consultant coordination.

Stantec's approach to on-call contracts emphasizes responsiveness, collaboration, and long-term partnership. The team's commitment to continuous improvement is evident in its proactive engagement with transit technology trends, standards committees, and lessons learned from other transit agency projects. With a robust organizational structure and a history of successful collaboration with Santa Barbara MTD and your stakeholders, Stantec is well-positioned to deliver high-quality, cost-effective, and future-ready design services under this contract.

On the following pages, we highlight our team organization and our key personnel dedicated to collaborating with Santa Barbara MTD on this On-Call A&E Services contract.

Organization Chart



LA Metro Willowbrook/Rosa Parks Station, Los Angeles, California

Patrick M. McKelvey

AIA

Project Executive

Stantec – 43 years of experience

Education: Master of Architecture, University of Michigan; Bachelor of Science, University of Michigan

Registrations: Registered Architect #C21617, CA

Pat is a Senior Principal at Stantec and brings more than 40 years of experience in international planning and design of transit facilities, zero-emission bus projects, public works facilities, civic buildings, office buildings, and corporate office interiors to his role. Pat's primary role is to drive growth and oversee project development and execution. Pat is a tenacious leader who thrives on coming up with creative solutions to complex building and design challenges.

Santa Barbara MTD On-Call Architectural and Engineering Services, Santa Barbara, CA – Principal in Charge
Stantec is working with Santa Barbara MTD to provide on-call architectural and engineering services for projects at their facilities.

OCTA On-Call Architectural and Engineering Services, Orange, CA – Principal in Charge
The Stantec team has been providing OCTA with on-call architectural and engineering services since 2016 through several contracts.

LA Metro Supplemental Engineering Services, Los Angeles, CA – Principal in Charge
The Stantec team provided LA Metro with on-call architectural and engineering services from 2013-2020.

SamTrans General Engineering Consultant Design Services for Various Projects, San Carlos, CA – Principal in Charge
The Stantec team has been providing SamTrans with on-call architectural and engineering services since 2023. Task orders to date include the Headquarters Tenant Improvements and the Sea Level Rise Mitigation.

SamTrans Conceptual Design for Electrical Infrastructure Upgrades at the North and South Bases, San Carlos, CA – Principal in Charge
Stantec developed thirty percent (30%) design documents for the electrical infrastructure upgrades at two bus maintenance facilities.

Foothill Transit On-Call Architectural, Engineering, and Design Services, West Covina, CA – Principal in Charge
The Stantec team has been providing Foothill Transit with on-call architectural and engineering services since 2014 through several contracts.

North County Transit District, Oceanside, CA – Principal in Charge
Stantec completed the following task orders: Photovoltaic Systems Assessment; Gas Detection System Design

Fresno Area Express Master Plan and Facility Modifications, Fresno, CA – Principal in Charge
Stantec worked with FAX to provide master planning services for 100,000 sf bus operations and maintenance facility. We are currently providing design services for facility modification to plan for battery electric buses.

Patrick M. McKelvey

AIA

Project Executive

ECCTA On-Call Architectural and Engineering Services, Antioch, CA – Principal in Charge
The Stantec team has been providing ECCTA with on-call architectural and engineering services since 2023.

Norwalk Transit Facility Tenant Improvements, Norwalk, CA – Principal in Charge
Stantec to design the third phase of facility improvements to their 20+ year old facility. The facility improvements include interior renovations to transit operations and administrative spaces, offices, break rooms, conference rooms, maintenance locker rooms, and various other finish upgrades throughout the building.

Foothill Transit Covina Transit Center, Covina, CA – Principal in Charge
Transit Center includes 4,400 sf retail building, 372 stall, three level parking structure, 6 bus bay transit center.

Gold Coast Transit Bus Operations & Maintenance Facility, Oxnard, CA – Principal in Charge
The new green facility allows GCTD to maintain a fleet of up to 125 buses and is comprised of an administration and operations building, an eight-bay maintenance and repair building, a compressed natural gas (CNG) fuel station, and bus wash.

Monterey Salinas Transit Bus Operations & Maintenance Facility, Salinas, CA – Principal in Charge
Designing a new operations and maintenance facility to consolidate two existing O&M facilities and expand to a single combined facility. The new facility will operate and maintain fixed route buses and support vehicles as well as paratransit door-to-door services.

San Luis Obispo RTA Bus Operations & Maintenance Facility, San Luis Obispo, CA – Principal in Charge
The facility has parking capacity for up to 67 public transit vehicles, as well as 84 visitor and employee vehicles, and includes five repair bays, a wash bay, parts storage, training room, dispatch suite, and administration offices.

Napa Valley Transit Bus Operations & Maintenance Facility, San Luis Obispo, CA – Principal in Charge
We designed a new facility that consist of an operations building for more than 100 operators, a 6-bay maintenance building, and a vehicle wash to serve a future fleet of over 80 transit vehicles.

OCTA Transit Security and Operations Center, Anaheim, CA – Principal in Charge
Stantec is providing architecture and engineering services for the emergency operations center, central communications, and transit police facility.

Commerce Transit and Public Works Operations & Maintenance Facility, Commerce, CA – Principal in Charge
Stantec is providing architecture and engineering services for the 280,000 SF facility including spaces for administration, operations, maintenance, fuel/wash, and bus and employee parking.

NVTA Bus Operations & Maintenance Facility, Napa, California

Will Todd

AIA, LEED AP BD+C

Principal in Charge/ Project Manager

Stantec – 18 years of experience

Education: Bachelor of Science in Architecture, University of Michigan

Registrations: Registered Architect #C35467, CA

Will plays an integral role in successfully guiding major projects from the initial planning phases through to design development, construction documentation, construction administration support, and building department review and permitting. He is passionate about making an impact, even if it is behind the scenes. William provides essential support and coordination to the design team, and interfaces with a full range of consultants to ensure our projects are delivered thoughtfully and efficiently.

Santa Barbara MTD On-Call Architectural and Engineering Services, Santa Barbara, CA – Project Manager
Stantec is working with Santa Barbara MTD to provide on-call architectural and engineering services for projects at their facilities. Projects include assessments, remodels, and new construction work.

Santa Barbara MTD Facilities Master Plan and ZEB Analysis, Santa Barbara, CA – Project Manager
Stantec worked with SBMTD to develop a facilities master plan. We identified facility needs including what considerations should be given to electric utilities in the preparation for Zero-Emission bus transition.

SamTrans General Engineering Consultant Design Services for Various Projects, San Carlos, CA – Project Manager
The Stantec team has been providing SamTrans with on-call architectural and engineering services since 2023. Task orders to date include the Headquarters Tenant Improvements and the Sea Level Rise Mitigation.

SamTrans Conceptual Design for Electrical Infrastructure Upgrades at the North and South Bases, San Carlos, CA – Principal in Charge
Stantec developed thirty percent (30%) design documents for the electrical infrastructure upgrades at two bus maintenance facilities -- North Base and South Base -- to support the transition to battery- electric buses as well as system growth.

OCTA On-Call Architectural and Engineering Services, Orange, CA – Project Manager
The Stantec team has been providing OCTA with on-call architectural and engineering services since 2016 through several contracts.

LA Metro Supplemental Engineering Services, Los Angeles, CA – Project Manager
The Stantec team provided LA Metro with on-call architectural and engineering services from 2013-2020.

Foothill Transit On-Call Architectural, Engineering, and Design Services, West Covina, CA – Project Manager
The Stantec team has been providing Foothill Transit with on-call architectural and engineering services since 2014 through several contracts.

North County Transit District, Oceanside, CA – Project Manager
Stantec completed the following task orders: Photovoltaic Systems Assessment; Gas Detection System Design

Will Todd

AIA, LEED AP BD+C

Principal in Charge/Project Manager

Fresno Area Express Master Plan and Facility Modifications, Fresno, CA – Project Manager
Stantec worked with FAX to provide master planning services for 100,000 sf bus operations and maintenance facility. We are currently providing design services for facility modification to plan for battery electric buses.

ECCTA On-Call Architectural and Engineering Services, Antioch, CA – Project Manager
The Stantec team has been providing ECCTA with on-call architectural and engineering services since 2023.

Norwalk Transit Facility Tenant Improvements, Norwalk, CA – Project Manager
Stantec to design the third phase of facility improvements to their 20+ year old facility. The facility improvements include interior renovations to transit operations and administrative spaces, offices, break rooms, conference rooms, maintenance locker rooms, and various other finish upgrades throughout the building.

Foothill Transit Covina Transit Center, Covina, CA – Project Manager
Transit Center includes 4,400 sf retail building, 372 stall, three level parking structure, 6 bus bay transit center.

Gold Coast Transit Bus Operations & Maintenance Facility, Oxnard, CA – Project Architect
The new green facility allows GCTD to maintain a fleet of up to 125 buses and is comprised of an administration and operations building, an eight-bay maintenance and repair building, a compressed natural gas (CNG) fuel station, and bus wash.

Monterey Salinas Transit Bus Operations & Maintenance Facility, Salinas, CA – Project Manager
Designing a new operations and maintenance facility to consolidate two existing O&M facilities and expand to a single combined facility. The new facility will operate and maintain fixed route buses and support vehicles as well as paratransit door-to-door services.

San Luis Obispo RTA Bus Operations & Maintenance Facility, San Luis Obispo, CA – Project Manager
The facility has parking capacity for up to 67 public transit vehicles, as well as 84 visitor and employee vehicles, and includes five repair bays, a wash bay, parts storage, training room, dispatch suite, and administration offices.

Napa Valley Transit Bus Operations & Maintenance Facility, San Luis Obispo, CA – Project Architect
Stantec designed this new facility that consists of an operations building for more than 100 operators, a 6-bay maintenance building, and a vehicle wash to serve a future fleet of over 80 transit vehicles.

OCTA Transit Security and Operations Center, Anaheim, CA – Project Manager
Stantec is providing architecture and engineering services for the emergency operations center, central communications, and transit police facility.

Commerce Transit and Public Works Operations & Maintenance Facility, Commerce, CA – Project Manager
Stantec is providing architecture and engineering services for the 280,000 SF facility including spaces for administration, operations, maintenance, fuel/wash, and bus and employee parking.

Santa Barbara MTD T2 Phase 2 Improvements, Santa Barbara, California

Jiah Rossetto

RA

Deputy Project Manager/Architect

Stantec – 11 years of experience

Education: Master of Architecture, Southern California Institute of Architecture; Bachelor of Arts in Architecture, University of California Berkeley

Registrations: Registered Architect #C40198, CA

Jiah received her Master of Architecture from Southern California Institute of Architecture and previously obtained a Bachelor of Arts in Architecture from University of California, Berkeley. She started her career in San Francisco building a strong foundation in building codes working on a large corporate campus project and healthcare facilities. Upon joining Stantec in Los Angeles, Jiah has taken on the role of a Project Architect working closely with design teams as well as clients taking design concepts to bidding and permitting.

Santa Barbara MTD On-Call Architectural and Engineering Services, Santa Barbara, CA – Project Architect
Stantec is working with Santa Barbara MTD to provide on-call architectural and engineering services for projects at their facilities. Projects include assessments, remodels, and new construction work.

Santa Barbara MTD Facilities Master Plan and ZEB Analysis, Santa Barbara, CA – Project Architect
Stantec worked with SBMTD to develop a facilities master plan. We identified facility needs including what considerations should be given to electric utilities in the preparation for Zero-Emission bus transition.

OCTA On-Call Architectural and Engineering Services, Orange, CA – Project Architect
The Stantec team has been providing OCTA with on-call architectural and engineering services since 2016 through several contracts.

Foothill Transit On-Call Architectural, Engineering, and Design Services, West Covina, CA – Project Architect
The Stantec team has been providing Foothill Transit with on-call architectural and engineering services since 2014 through several contracts.

Fresno Area Express Master Plan and Facility Modifications, Fresno, CA – Project Architect
Stantec worked with FAX to provide master planning services for 100,000 sf bus operations and maintenance facility. We are currently providing design services for facility modification to plan for battery electric buses.

Norwalk Transit Facility Tenant Improvements, Norwalk, CA – Project Architect
Stantec to design the third phase of facility improvements to their 20+ year old facility. The facility improvements include interior renovations to transit operations and administrative spaces, offices, break rooms, conference rooms, maintenance locker rooms, and various other finish upgrades throughout the building.

Foothill Transit Covina Transit Center, Covina, CA – Project Architecture
Transit Center includes 4,400 sf retail building, 372 stall, three level parking structure, 6 bus bay transit center.

Jiah Rossetto

RA

Deputy Project Manager/Architect

Monterey Salinas Transit Bus Operations & Maintenance Facility, Salinas, CA – Project Architect
Designing a new operations and maintenance facility to consolidate two existing O&M facilities and expand to a single combined facility. The new facility will operate and maintain fixed route buses and support vehicles as well as paratransit door-to-door services.

San Luis Obispo RTA Bus Operations & Maintenance Facility, San Luis Obispo, CA – Project Architect
The facility has parking capacity for up to 67 public transit vehicles, as well as 84 visitor and employee vehicles, and includes five repair bays, a wash bay, parts storage, training room, dispatch suite, and administration offices.

Napa Valley Transit Bus Operations & Maintenance Facility, San Luis Obispo, CA – Project Architect
Stantec designed this new facility that consists of an operations building for more than 100 operators, a 6-bay maintenance building, and a vehicle wash to serve a future fleet of over 80 transit vehicles.

Commerce Transit and Public Works Operations & Maintenance Facility, Commerce, CA – Project Architect
Stantec is providing architecture and engineering services for the 280,000 SF facility including spaces for administration, operations, maintenance, fuel/wash, and bus and employee parking.

Golden Empire Transit CSU Bakersfield, Transfer Center, Bakersfield, CA | Project Coordinator
Project coordinator for 9,000 sf Transit Center with 6 bus bays.

Commerce Transit Operations & Maintenance Facility, Commerce, California

Annija Gaskell

RA

Architect

Stantec – 15 years of experience

Education: Master of Architecture, Southern California Institute of Architecture
Bachelor of Design Architecture, University of Florida

Registrations: Registered Architect #C38247, CA

With over 15 years of experience, Annija is a highly accomplished Senior Project Architect at Stantec. Her experience and education have equipped her with a solid foundation in architectural principles and innovative design techniques. She is driven by her passion to positively impact the world and people's daily lives through thoughtful and sustainable design. In her role as a Senior Project Architect, she leads and coordinates full-service integrated design teams to deliver impactful and efficient projects. Annija's dedication to her craft and her ability to manage complex projects have earned her a reputation as a reliable and innovative architect within the industry.

OCTA On-Call Architectural and Engineering Services, Orange, CA – Architect
The Stantec team has been providing OCTA with on-call architectural and engineering services since 2016 through several contracts.

Foothill Transit On-Call Architectural, Engineering, and Design Services, West Covina, CA – Architect
The Stantec team has been providing Foothill Transit with on-call architectural and engineering services since 2014 through several contracts.

LA Metro Willowbrook/Rosa Parks Station Improvements, Los Angeles, CA – Project Architect
Stantec designed the $109M multi-phased station improvement project. The station's new configuration also includes new canopies, improved multi-modal circulation, and an extended platform. A new Mobility/Bike Hub, Park and Ride, improved bus loading bays, improved lighting, a Transit Security and Customer Service Center, and improved signage.

Gold Coast Transit Bus Operations & Maintenance Facility, Oxnard, CA – Architect
The new green facility allows GCTD to maintain a fleet of up to 125 buses and is comprised of an administration and operations building, an eight-bay maintenance and repair building, a compressed natural gas (CNG) fuel station, and bus wash.

Commerce Transit and Public Works Operations & Maintenance Facility, Commerce, CA – Project Architect
Stantec is providing architecture and engineering services for the 280,000 SF facility including spaces for administration, operations, maintenance, fuel/wash, and bus and employee parking.

Pasadena Transit Bus Operations & Maintenance Facility, Pasadena, CA – Project Manager/Architect
The new facility will consist of an operations building with offices, drivers' room and dispatch suite, a 5-bay maintenance building, a vehicle wash, and 3 story parking structure to house the Pasadena transit fleet.

SunLine Transit Operations Facility Replacement, Thousand Palms, CA – Project Manager/Architect
Annija was the project manager/architect for this $6.5M, 9,300 sf operations facility designed to meet LEED Silver requirements. She was responsible for the design and delivery of the project and managed the subconsultant team. She also was responsible for construction administration and managed all design RFI's.

Annija Gaskell

AIA, LEED AP BD+C

Architect

Santa Monica's Big Blue Bus LNG/CNG Fuel & Wash Facility, Santa Monica, CA – Project Architect
Project architect for the 13,500-sf upgrade of existing fuel and wash building at the BBB operations and maintenance campus. She was responsible for day-to-day project design and delivery tasks.

Glendale Beeline Parking Structure and BEB Charging Infrastructure, Glendale, CA – Project Manager/Architect
Parking structure for charging and storage of 60 Glendale Beeline fleet buses and 7 dial-a ride vehicles. Secure staff parking stalls on the upper level of the 2-story structure.

LA County Firestation 141 & 161, Los Angeles, CA – Project Coordinator
As-Built CAD, Existing Conditions Evaluation/Code Compliance Research/Design and Cost Estimate for Area of Alteration and Path of Travel Scopes 1-6; Construction administration.

LA County Counsel Tenant Improvement, Monterey Park, CA – Project Coordinator
Existing Conditions Evaluation/Code Compliance Review of County Provided Space Plan and Schematic Design Package/ Revisions to Schematic Design Package/Code Compliant Solutions to HVAC and Lighting Inadequacies/Phasing Plan/ Presentation drawings/Cost Estimate by Phase.

LA County Lake Hughes Forestry Office, Lake Hughes, CA – Project Coordinator
CAD Site Plan from County GIS data, Existing Conditions Evaluation/Code Compliance Research/Sustainable and Fire Resistant Building Design Research/Conceptual Design and Cost Estimate for Office/Garage/Shop and Prefabricated Storage Building

LAPD Academy Renovations to the Administration Building, Cafe, and Shooting Ranges, Los Angeles, CA – Project Coordinator
Annija was responsible for assisting the design team with the LEED checklist and documentation.

Commerce Transit Bus Operations & Maintenance Facility, Commerce, California

Mark Palomera

RA, LEED AP, CASp

Architect/ADA Compliance

Stantec – 26 years of experience

Education: Bachelor of Architecture,
California State Polytechnic University, Pomona

Registrations: Registered Architect #C28982, CA

Mark Palomera, a Senior Project Architect and Certified Access Specialist (CASp), brings over 25 years of experience working on a diverse range of building projects, with a particular focus on civic and industrial facilities. Mark is proficient in inspecting buildings and sites for compliance with applicable state and federal construction-related accessibility standards. His technical capabilities span many aspects of building design, including coordination and facilitation of capital improvement projects, functional programming, condition assessment, forensic investigation, building envelope moisture infiltration, building codes, and life safety compliance strategies.

Mark's role often involves working closely with other engineering disciplines, clients, and stakeholders to ensure complete coordination of project documents and securing all necessary regulatory agency permits and approvals. His expertise as a Certified Access Specialist has been instrumental in ensuring that projects meet accessibility requirements, thereby enhancing the inclusivity and functionality of the built environment. Mark's experience managing and supervising teams of technical staff in multi-disciplinary environments, combined with his strong technical building system knowledge, adds leadership and strength to any project management team.

Pasadena Transit Bus Operations & Maintenance Facility, Pasadena, CA – Project Architect
The new facility will consist of an operations building with offices, drivers' room and dispatch suite, a 5-bay maintenance building, a vehicle wash, and 3 story parking structure to house the Pasadena transit fleet.

Commerce Transit and Public Works Operations & Maintenance Facility, Commerce, CA – Project Architect
Stantec is providing architecture and engineering services for the 280,000 SF facility including spaces for administration, operations, maintenance, fuel/wash, and bus and employee parking.

Fresno Area Express Bus Facility Modifications, Fresno, CA – Project Architect
Mark is a project architect responsible for developing a comprehensive master plan to assess and improve the current and future needs of the existing FAX facility. Evaluation of current operations and the planning for future expansion of the fleet were the primary objectives of the master plan. The team also conducted a full facility assessment to document the current conditions of all of the components to the FAX facility.

OCTA Transit Security & Operations Center, Anaheim, CA – Project Architect
The TSOC is being designed as a purpose-built facility for OCTA's operations in Orange County. The approximately 32,000 sf, two-story building on a 2.9 acre site will house OCTA's Emergency Operations Center (EOC), Central Communications (Dispatch), and Transit Police (TPS). It will specifically address the needs and requirements of OCTA's operations with the goal of supporting job duties, efficiency, functionality, communication, and operations.

LA Metro Willowbrook/Rosa Parks Station Improvements, Los Angeles, CA – Project Architect
Stantec designed the $109M multi-phased station improvement project. The station's new configuration also includes new canopies, improved multi-modal circulation, and an extended platform. A new Mobility/Bike Hub, Park and Ride, improved bus loading bays, improved lighting, a Transit Security and Customer Service Center, and improved signage.

Mark Palomera

RA, LEED AP, CASp

Architect/ADA Compliance

Martin Luther King Jr. North Parking Structure, Los Angeles, CA – QC/Code Consulting
The Martin Luther King Jr. Medical Campus has expanded their operations and needs a new 300+/- space parking structure in the unincorporated neighborhood of Willowbrook. Stantec was tasked with developing scoping documents for a parking structure and support with bidding and the CA phase. Mark conducted quality control reviews of the project deliverables and consulted on code requirements.

Los Angeles World Airports ADG On-Call Services, Los Angeles, CA – Technical Manager
Technical Manager and Construction Coordinator for on-call services at LAX. Projects include electrical upgrades at Terminal 6, IT rooms at Terminals 4 through 8, restroom renovations at Terminals 3 and 7, and replacement of passenger boarding bridges at Terminals 3 and 6. Responsible for the production of construction documents. Obtained permit approvals. Attended construction and field coordination meetings, answered RFI's, and reviewed submittals.

OCTA On-Call Architectural and Engineering Services, Orange, CA – ADA Compliance
The Stantec team has been providing OCTA with on-call architectural and engineering services since 2016 through several contracts.

Foothill Transit On-Call Architectural, Engineering, and Design Services, West Covina, CA – ADA Compliance
The Stantec team has been providing Foothill Transit with on-call architectural and engineering services since 2014 through several contracts.

Gold Coast Transit Bus Operations & Maintenance Facility, Oxnard, California

Jared Weismantel

RA, CSI, CDT

Principal Industrial Architect

Stantec – 13 years of experience

Education: Master of Architecture, North Dakota State University; Bachelor of Science in Environmental Design, North Dakota State University

Registrations: Registered Architect #C35340, CA

A senior industrial architect, Jared has worked on more than 150 operations and maintenance facility projects including municipal, bus, and rail transit. His responsibilities include programming, master planning, equipment selection, specification, layout, and inter-disciplinary quality control reviews. Jared has a logical, concise, and engaging approach to the problem-solving process that results in functional and efficient design. With an analytical approach to design and excellent interpersonal skills, Jared thrives in an environment focused on exploration and collaboration. His commitment to efficient and holistic design solutions is achieved through steadfast devotion to hard work and design excellence.

Santa Barbara MTD On-Call Architectural and Engineering Services, Santa Barbara, CA – Industrial Architect
Stantec is working with Santa Barbara MTD to provide on-call architectural and engineering services for projects at their facilities. Projects include assessments, remodels, and new construction work.

OCTA On-Call Architectural and Engineering Services, Orange, CA – Industrial Architect
The Stantec team has been providing OCTA with on-call architectural and engineering services since 2016 through several contracts.

LA Metro Supplemental Engineering Services, Los Angeles, CA – Industrial Architect
The Stantec team provided LA Metro with on-call architectural and engineering services from 2013-2020.

Foothill Transit On-Call Architectural, Engineering, and Design Services, West Covina, CA – Industrial Architect
The Stantec team has been providing Foothill Transit with on-call architectural and engineering services since 2014 through several contracts.

Fresno Area Express Master Plan and Facility Modifications, Fresno, CA – Industrial Architect
Stantec worked with FAX to provide master planning services for 100,000 sf bus operations and maintenance facility. We are currently providing design services for facility modification to plan for battery electric buses.

Thousand Oaks Bus Wash, Thousand Oaks, CA – Industrial Architect
Stantec provided design services for the a new bus wash facility with an open-air wash pad, a covered building housing gantry and drive-through wash systems.

Gold Coast Transit Bus Operations & Maintenance Facility, Oxnard, CA – Project Manager
The new green facility allows GCTD to maintain a fleet of up to 125 buses and is comprised of an administration and operations building, an eight-bay maintenance and repair building, a compressed natural gas (CNG) fuel station, and bus wash.

Jared Weismantel

RA, CSI, CDT

Principal Industrial Architect

Monterey Salinas Transit Bus Operations & Maintenance Facility, Salinas, CA – Industrial Architect
Designing a new operations and maintenance facility to consolidate two existing O&M facilities and expand to a single combined facility. The new facility will operate and maintain fixed route buses and support vehicles as well as paratransit door-to-door services.

San Luis Obispo RTA Bus Operations & Maintenance Facility, San Luis Obispo, CA – Industrial Architect
The facility has parking capacity for up to 67 public transit vehicles, as well as 84 visitor and employee vehicles, and includes five repair bays, a wash bay, parts storage, training room, dispatch suite, and administration offices.

Glendale Beeline Bus Operations and Maintenance Facility, Glendale, CA – Senior Industrial Architect
Provided design services for the redesign of the Beeline bus maintenance facility. The City wanted to revise the original design to respond to the City's change in fleet and availability of additional property at the site. The revised plan included utilizing the additional area to relocate the bus maintenance building, optimize the bus parking area, adding a new public CNG fueling facility, locating the proposed administration and operations building adjacent to the historic train station, and to architecturally respond to that structure. A new service facility was planned that included fast-fill CNG and a drive-through bus washer.

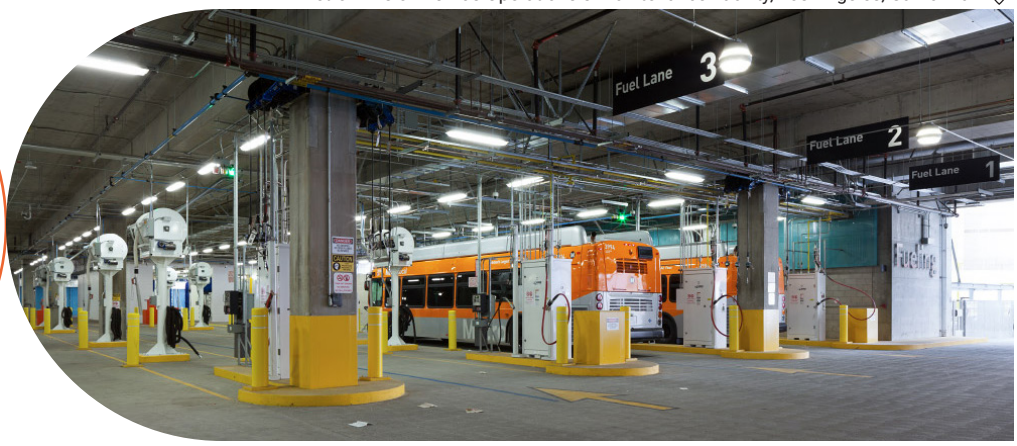
Commerce Transit and Public Works Operations & Maintenance Facility, Commerce, CA – Industrial Architect
Stantec is providing architecture and engineering services for the 280,000 SF facility including spaces for administration, operations, maintenance, fuel/wash, and bus and employee parking.

Santa Monica's Big Blue Bus LNG/CNG Fuel & Wash Facility, Santa Monica, CA – Senior Industrial Architect
Senior Industrial Architect for 3,500 sf upgrade of existing fuel and wash building at the BBB operations and maintenance campus. The project included maintenance layouts, including lower-level work areas, air-condition bay, tire shop, welding bays, two chassis wash bays with parallelogram lifts, safety harness system on each bay, bridge cranes, hoists, and three in-ground, three-post and 11 in-ground, two-post computerized lifts. An extensive list of smaller existing equipment was inventoried and integrated with the new maintenance equipment.

SamTrans Facilities Conditions Assessment, San Carlos, CA – Facility Designer
Facility Designer responsible for facility assessments at the North and South Bus Maintenance and Operations Bases located in South San Francisco and San Carlos. Project involves identifying and prioritizing capital improvements needs at the North and South bases.

Glendale Beeline Bus Operations and Maintenance Facility, Glendale, CA – Senior Industrial Architect
Provided design services for the redesign of the Beeline bus maintenance facility. The revised plan included utilizing the additional area to relocate the bus maintenance building, optimize the bus parking area, adding a new public CNG fueling facility, locating the proposed administration and operations building adjacent to the historic train station, and to architecturally respond to that structure.

LA Metro Division 13 Bus Operations & Maintenance Facility, Los Angeles, California



Reb Guthrie

Principal Fueling Systems Design

Stantec – 29 years of experience

Education: Bachelor of Science in Economics, Arizona State University

Certificiations: CHS Fundamental Hydrogen Safety Credential, American Institute of Chemical Engineers

With nearly 30 years' experience in fleet-fueling design, Reb has worked on the assessment, specification development, and design of over 170 compressed natural gas (CNG) fueling facilities and over 50 petroleum fueling stations for more than 125 municipalities, transit agencies, counties, and school districts throughout the United States. Recently, Reb leveraged his years of experience to pivot to the design of zero emission fueling infrastructures and has worked on more than 30 hydrogen fueling and bus and heavy-duty electric charging projects, as well as Zero-Emission Bus (ZEB) Transition Plans.

Focusing on innovation, client service, and excellence, Reb has a long track record of delivering effective solutions throughout the United States, allowing communities to expand their transit capabilities. His clients include major fleet operators such as LA Metro, Riverside Transit Agency, Transportation Commission of Southern Nevada, New York City Transit, Orange County Transportation Authority (OCTA), Tri-County Metropolitan Transportation District of Oregon (TriMet), Metropolitan Atlanta Rapid Transit Authority (MARTA), and Washington Metropolitan Area Transit Authority (WMATA).

Santa Barbara MTD On-Call Architectural and Engineering Services, Santa Barbara, CA – Fueling Systems Designer
Stantec is working with Santa Barbara MTD to provide on-call architectural and engineering services for projects at their facilities. Projects include assessments, remodels, and new construction work.

Santa Barbara MTD Facilities Master Plan and ZEB Analysis, Santa Barbara, CA – Fueling Systems
Stantec worked with SBMTD to develop a facilities master plan. We identified facility needs including what considerations should be given to electric utilities in the preparation for Zero-Emission bus transition.

SamTrans Conceptual Design for Electrical Infrastructure Upgrades at the North and South Bases, San Carlos, CA – Fueling Systems Designer
Stantec developed thirty percent (30%) design documents for the electrical infrastructure upgrades at two bus maintenance facilities -- North Base and South Base -- to support the transition to battery- electric buses as well as system growth.

OCTA On-Call Architectural and Engineering Services, Orange, CA – Fueling Systems Designer
The Stantec team has been providing OCTA with on-call architectural and engineering services since 2016 through several contracts.

LA Metro Supplemental Engineering Services, Los Angeles, CA – Fueling Systems Designer
The Stantec team provided LA Metro with on-call architectural and engineering services from 2013-2020.

Foothill Transit On-Call Architectural, Engineering, and Design Services, West Covina, CA – Fueling Systems Designer
The Stantec team has been providing Foothill Transit with on-call architectural and engineering services since 2014 through several contracts.

North County Transit District, Oceanside, CA – Fueling Systems Designer
Stantec completed the following task orders: Photovoltaic Systems Assessment; Gas Detection System Design

Reb Guthrie

Principal Fueling Systems Design

Fresno Area Express Master Plan and Facility Modifications, Fresno, CA – Fueling Systems Designer
Stantec worked with FAX to provide master planning services for 100,000 sf bus operations and maintenance facility. We are currently providing design services for facility modification to plan for battery electric buses.

ECCTA On-Call Architectural and Engineering Services, Antioch, CA – Fueling Systems Designer
The Stantec team has been providing ECCTA with on-call architectural and engineering services since 2023.

ECCTA Hydrogen Fueling Station, Antioch, CA – Fueling Systems Designer
The project will support the ECCTA's plan to purchase and operate 30 hydrogen fuel cell electric buses (FCEBs) and 44 hydrogen fueled paratransit vehicles. The hydrogen fueling facility is the latest ECCTA advancement in its transition to zeroemission buses (ZEBs) by 2036.

RTC of Southern Nevada Hydrogen Fueling Infrastructure, Las Vegas, NV – Fueling Systems Designer
Design consulting for hydrogen fuel cell bus- fueling facility for RTC of Southern Nevada. Scope includes design of A) temporary fueling system to serve two-bus pilot fleet, B) permanent fueling system to fuel up to 50 FCE-bus fleet, and C) hydrogen gasdetection system in maintenance garage. The scope also includes a feasibility analysis for on-site hydrogen production from both water electrolysis and steam-methane reforming, vs. trucked-in liquid hydrogen for the permanent facility.

NCTD Design Replacement System for Methane & Hydrogen Gas Detection at the Breeze Bus Maintenance Facility, Oceanside, CA – Fueling Systems Designer
Design engineering for hydrogen and methane gas-detection system for North County Transit District.

Foothill Transit Gas Detection at the Pomona and Arcadia Facilities, CA – Fueling Systems Designer
System verification to ensure HVAC and makeup air sources met air-exchange requirements. The project scope includes the replacement of air units and fans, coordinated removal of outdated methane detection systems, and the design and integration of new methane and hydrogen gas detection and alarm systems to support simultaneous CNG and hydrogen bus operations, contributing to the agency's transition to Zero Emission Bus (ZEB) fleets, including Fuel Cell Electric Buses (FCEBs).

Commerce Transit Bus Operations & Maintenance Facility, Commerce, California

Gladys Yang

PE, LEED AP

Mechanical Engineer

Stantec – 17 years of experience

Education: Bachelor of Applied Science, Mechanical Engineering, Queen's University

Registrations: Professional Engineer #M35864, CA

Gladys Yang has led the design efforts of many large and complex projects including, but not limited to, transportation facilities, corporate/commercial buildings, industrial facilities, and several federal courthouses as part of the GSA's Design Excellence Program. Gladys approaches each project with an innovative and sustainable intent, with the goal of delivering a building that surpasses the architect's ideas, and meets the building user's needs. Having a genuine interest for new and cutting-edge green technologies, Gladys is knowledgeable of developing trends within the industry.

Santa Barbara MTD On-Call Architectural and Engineering Services, Santa Barbara, CA – Mechanical Engineer
Stantec is working with Santa Barbara MTD to provide on-call architectural and engineering services for projects at their facilities. Projects include assessments, remodels, and new construction work.

SamTrans General Engineering Consultant Design Services for Various Projects, San Carlos, CA – Mechanical Engineer
The Stantec team has been providing SamTrans with on-call architectural and engineering services since 2023. Task orders to date include the Headquarters Tenant Improvements and the Sea Level Rise Mitigation.

OCTA On-Call Architectural and Engineering Services, Orange, CA – Mechanical Engineer
The Stantec team has been providing OCTA with on-call architectural and engineering services since 2016 through several contracts.

Foothill Transit On-Call Architectural, Engineering, and Design Services, West Covina, CA – Mechanical Engineer
The Stantec team has been providing Foothill Transit with on-call architectural and engineering services since 2014 through several contracts.

Fresno Area Express (FAX) Bus Operational and Maintenance Facility Upgrade, Fresno, CA – Mechanical Engineer
Stantec provided mechanical engineering design and drawings to upgrade an existing bus wash facility and covered parking, and to provide a new Training Center to facilitate 100 people. Improvements include an additional bay to allow for servicing of larger buses, relocation of the vault to a new masonry structure, expansion of the existing exterior bathroom facilities to allow for showers and change rooms, and relocation and replacement of HVAC equipment to the Administration Building roof.

NCTD Design Replacement System for Methane & Hydrogen Gas Detection at the Breeze Bus Maintenance Facility, Oceanside, CA – Mechanical Engineer
Design engineering for hydrogen and methane gas-detection system for North County Transit District. Project will result in the removal of an outdated methane detection system and the installation of a new methane- and hydrogen detection and alarming system, as needed to support CNG and hydrogen-fueled buses simultaneously. Includes validation of existing HVAC system plus addition of makeup air sources to meet air-exchange requirements at the Breeze Bus Facility.

Gladys Yang

PE, LEED AP

Mechanical Engineer

Foothill Transit Gas Detection at the Pomona and Arcadia Facilities, CA – Mechanical Engineer
System verification to ensure HVAC and makeup air sources met air-exchange requirements. The project scope includes the replacement of air units and fans, coordinated removal of outdated methane detection systems, and the design and integration of new methane and hydrogen gas detection and alarm systems to support simultaneous CNG and hydrogen bus operations, contributing to the agency's transition to Zero Emission Bus (ZEB) fleets, including Fuel Cell Electric Buses (FCEBs).

Norwalk Transit Facility Tenant Improvements, Norwalk, CA – Mechanical Engineer
Stantec to design the third phase of facility improvements to their 20+ year old facility. The facility improvements include interior renovations to transit operations and administrative spaces, offices, break rooms, conference rooms, maintenance locker rooms, and various other finish upgrades throughout the building.

Monterey Salinas Transit Bus Operations & Maintenance Facility, Salinas, CA – Mechanical Engineer
Designing a new operations and maintenance facility to consolidate two existing O&M facilities and expand to a single combined facility. The new facility will operate and maintain fixed route buses and support vehicles as well as paratransit door-to-door services.

San Luis Obispo RTA Bus Operations & Maintenance Facility, San Luis Obispo, CA – Mechanical Engineer
The facility has parking capacity for up to 67 public transit vehicles, as well as 84 visitor and employee vehicles, and includes five repair bays, a wash bay, parts storage, training room, dispatch suite, and administration offices.

OCTA Transit Security and Operations Center, Anaheim, CA – Mechanical Engineer
Stantec is providing architecture and engineering services for the emergency operations center, central communications, and transit police facility.

Commerce Transit and Public Works Operations & Maintenance Facility, Commerce, CA – Mechanical Engineer
Stantec is providing architecture and engineering services for the 280,000 SF facility including spaces for administration, operations, maintenance, fuel/wash, and bus and employee parking.

Gardena Transit Dispatch Suite Upgrade, Gardena, CA – Mechanical Engineer
Mechanical engineering services for the remodeling of the Dispatch Suite and Route Supervisors office space to better accommodate the dispatching functions - provide space for future CAD workstations, dispatch vestibule, new standby area for drivers, and separate paratransit dispatch. The proposed remodeling also included the addition of a kitchenette, space for mark-up workstation, and small interview conference room. The proposed scope of the improvements includes the replacement of the existing HVAC system, including ductwork and diffuser, with a new rooftop packaged unit to better condition these spaces and rectify current issues with conditioning of the space.

Glendale Beeline BEB Charging Infrastructure, Glendale, California

Diana Degenkolb

RA

Electrical Engineer

Stantec – 22 years of experience

Education: Bachelor of Science in Electrical Engineering, Minor in English, CalPoly San Luis Obispo

Registrations: Registered Architect #C17654, CA

Diana is a technical specialist for design in transit, civic, healthcare, education, entertainment and hospitality, lighting controls, and sustainability. She likes the scope and longevity of designing buildings and enjoys learning how to leverage new equipment and technologies to reduce the impact of electricity on the environment. Diana values collaborative team dynamics, establishing clear communication channels, and using references, such as recordings and notes, to identify solutions that will benefit the owner, contractor, and design team.

SBMTD Haley ZEV Terminal 1 Facility Modifications, Santa Barbara, CA | Electrical Engineer
Diana is leading the electrical engineering design and documentation for this project. This is a master contract to provide planning and design for the entire Santa Barbara MTD Bus/Shuttle Fleet to go electric. This involves master planning the entire facility and breaking it into manageable and affordable projects to be completed over time. Help SBMTD with charger selection and procurement document review.

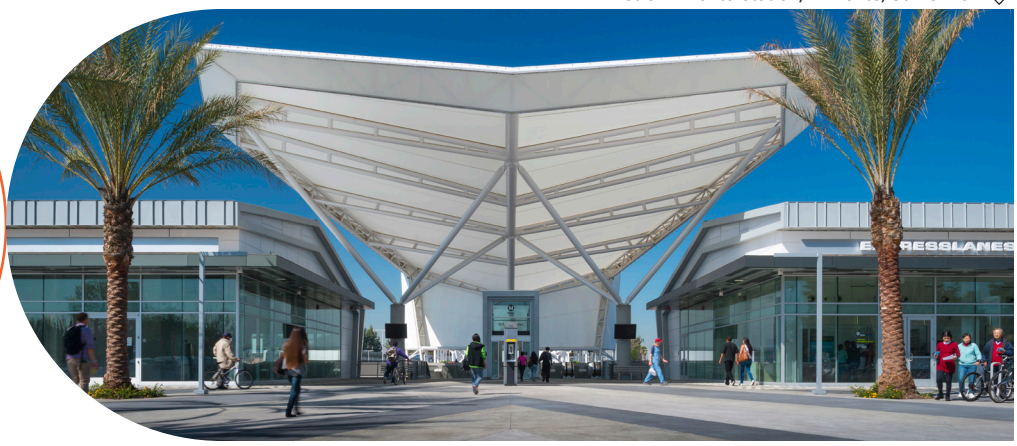
Glendale Beeline BEB Charging Infrastructure and Parking Structure, Glendale, CA | Electrical Engineer
Diana is leading the electrical engineering design and documentation for this project. Stantec is currently designing a parking structure with 49 Battery Bus level 3 charging locations on the bottom floor and staff parking with level 2 charging for private vehicles. The project also includes a backup generator and microgrid with PV and energy storage on the second-floor canopy.

Santa Monica Big Blue Bus BEB Charging Infrastructure, Santa Monica, CA | Electrical Engineer
Diana is leading the electrical engineering design and documentation for this project. Stantec is providing A&E services for phased implementation of the agencies transition to BEB. The project includes standalone chargers and gantry structures to support the charging dispensers and connectors for 150 buses.

LA County Martin Luther King Parking Structure with Level 2 Charging Spots, Los Angeles, CA
Diana led the electrical engineering design and documentation for this project. Stantec provided scoping and schematic design documents for a parking structure with 70 level 2 charging spots for electric vehicles.

Los Angeles County Public Works Generator Additions, Los Angeles, CA | Electrical Engineer
Diana is leading the electrical engineering design and documentation for this project. Stantec is providing design for backup generators that serve the entire facility, which enable this facility to be used as cooling or emergency shelters including Willowbrook Senior Center Emergency Generator (SD Design- CD) and East LA Community Service Center Emergency Generator (Kickoff & SD Design-CD).

LA Metro El Monte Station, El Monte, California



Roy Poomiwatracanont

PE, SE

Structural Engineer

Stantec – 19 years of experience

Education: Master of Science in Structural Engineering, California State University Los Angeles; Bachelor of Science in Structural Engineering, University of California San Diego

Registrations: Professional Engineer #78979, CA Structural Engineer #6384, CA

Roy Poomiwatracanont, a distinguished Principal Structural Engineer, brings a wealth of expertise to the field. With a career marked by innovation and leadership, Roy has made significant contributions to the structural engineering domain. As a principal engineer, Roy's responsibilities extend beyond technical prowess. He strategically plans engineering initiatives, manages departments, and sets ambitious goals. His leadership ensures that projects are executed seamlessly, adhering to budget constraints and timelines. Roy's ability to navigate complex challenges and provide expert guidance has earned him respect within the industry. Whether overseeing seismic retrofitting projects or advising on structural design, Roy embodies the essence of a seasoned professional—a visionary who not only shapes buildings but also shapes the future of engineering itself. As an adjunct professor at California State University Los Angeles, Roy is committed to education and mentorship leaving a lasting impact on aspiring engineers.

Santa Barbara MTD On-Call Architectural and Engineering Services, Santa Barbara, CA – Structural Engineer
Stantec is working with Santa Barbara MTD to provide on-call architectural and engineering services for projects at their facilities. Projects include assessments, remodels, and new construction work.

LA Metro Divisions 2, 3, 9, and CMF Reroofing Project (Forensic), Los Angeles, CA | Structural Engineer
Roy conducted a detailed forensic engineering analysis to investigate the cause of water leaks for several Metro Buildings, focusing on whether the issues stemmed from structural problems or failures in the waterproofing system. The investigation involved a comprehensive review of structural drawings and an on-site inspection to identify visible signs of water intrusion and potential structural damage.

LA Metro El Monte Station, El Monte, CA | Structural Engineer
Roy worked as the structural engineer and played a crucial role in the development of the El Monte Transit Center. This 350,000-square-foot, two-level bus transit center serves multiple transit agencies, including Metro Express, Local service, Foothill Transit, Greyhound, El Monte Transit, Metrolink Shuttle, and Rosemead Explorer.

Orange County Sanitation District Operation and Maintenance Building, Fountain Valley, CA | Structural Engineer
Roy is serving as the Structural Principal-in-Charge for the Operations and Maintenance Facility at OC Sanitation. This mission-critical project consists of two interconnected buildings: the Operations Building, approximately 46,000 square feet, and the Maintenance Building, approximately 38,000 square feet. While the buildings are connected at each level, a seismic joint separates them to ensure independent structural performance. The project also includes a maintenance cart barn and an MPOE ancillary structure to support facility operations.

Metrolink Train Controls Operation Support Facility, Pomona, CA | Structural Engineer
The Southern California Regional Rail Authority (SCRRA) / Metrolink Dispatch and Operations Center (DOC) in Pomona, California is the dispatching hub for Metrolink train service, including other passenger and freight carriers which traverse the SCRRA territory, making it one of the nation's busiest and most complex rail networks.

San Luis Obispo RTA Bus Operations & Maintenance Facility, San Luis Obispo, California

Buddy Hain

PE, ENV SP

Civil Engineer

Stantec – 20 years of experience

Education: Bachelor of Science, Civil Engineering, California Polytechnic State University

Registrations: Professional Engineer #79821, CA

Buddy's career has provided him the opportunity to work directly with public agencies, public works departments, and Vandenberg Air Force Base—preparing site improvement plans, including grading, gas, drainage, utilities, roadways, and parking lots. A senior civil engineer, his water resources and flood control facilities focus has been ideal on numerous construction plans related to recycled water, vineyard production and irrigation, underground utility construction, flood control facilities, and stormwater management design. He is proficient in hydraulic modeling software, and assists Engineers of Record calculate updates and evaluate design changes. Buddy is an expert in AutoCAD, Land Development Desktop, Civil 3D, StormCAD, SewerCAD, WaterCAD, HydroCAD, Aquaveo WMS, ESRI ArcMap, Caice, and Microstations for engineering applications.

Santa Barbara MTD On-Call Architectural and Engineering Services, Santa Barbara, CA – Civil Engineer
Stantec is working with Santa Barbara MTD to provide on-call architectural and engineering services for projects at their facilities. Projects include assessments, remodels, and new construction work.

San Luis Obispo RTA Bus Operations & Maintenance Facility, San Luis Obispo, CA | Civil Engineer
Buddy's responsibilities included overseeing the design and implementation of site infrastructure, confirming compliance with regulatory standards, and coordinating with various interested parties to facilitate smooth project execution.

Santa Barbara County Northern Branch Jail, Santa Maria, CA | Civil Engineer
This new jail facility will provide 1,520 beds upon completion. Phase I, currently in design, will provide a 375-bed facility. Buddy is providing utility services, onsite drainage, grading, security access, and frontage improvements within the public right of way. Civil support includes offsite utility design and coordination with utility companies. The project is funded through AB900, requiring specific submittal procedures and review processes.

Arroyo Grande Police Station, Arroyo Grande, CA | Civil Engineer
Buddy worked closely with the architect and City of Arroyo Grande to provide civil design and construction support for parking lot improvements. The design elements included ADA access, site drainage, pavement design, and stormwater management. To support the building renovation, utility relocations are being incorporated as needed.

Vandenberg Air Force Base Towers, Santa Barbara County, CA | Civil Engineer
In support of Vandenberg AFB's mission critical launch schedule, the Stantec team worked with Call Henry, Inc. to provide survey, design, and bid phase support for a 300' tall guyed weather tower. The tower was designed as a custom structure with an internal stair system to create a safe environment for the base weather squadron during maintenance and equipment calibration activities. Stantec provided structural design, electrical engineering, civil engineering, and professional surveying services. Brianna led the site engineering design for this project.

Santa Barbara MTD Charging Infrastructure, San Luis Obispo, California

Matt Vernon

PLS

Survey

Stantec – 42 years of experience

Education: Optimizing GPS Network Design Workshop, California State University Fresno

Registrations: Professional Land Surveyor #7553, CA

As Stantec's survey/geomatics principal, Matthew manages a talented staff of professionals on projects of varying magnitude and complexity, ranging from transportation projects to residential properties, commercial and industrial site developments, and master-planned communities. His experience includes right-of-way engineering, geodetic control, tentative and final subdivision mapping, and preparing ALTA/ACSM land title surveys and construction surveys. He has extensive knowledge of GPS-related applications, field data collection, and boundary retracement. Matthew also has a high degree of technical expertise to field operations and instrumental in enhancing and streamlining many field procedures that have contributed to increased productivity and efficiency.

Santa Barbara MTD On-Call Architectural and Engineering Services, Santa Barbara, CA – Survey Manager
Stantec is working with Santa Barbara MTD to provide on-call architectural and engineering services for projects at their facilities. Projects include assessments, remodels, and new construction work.

Southern California Edison On-Call Survey & Mapping Services Southern California | Survey Manager
Matthew has served as survey manager on individual task orders within Santa Barbara and Ventura County regions for SCE. His duties have included resource coordination and quality control for survey field crews, legal descriptions and plats, boundary surveys, records of survey maps, construction surveys, aerial topographic surveys, and conventional ground-based topographic surveys. Task orders have included: Mission Canyon Construction, Highway 101, and State Route 150 DSDD Surveys, Modoc Substation ALTA Survey.

County of Los Angeles On-Call Survey and Mapping Services, Los Angeles County, CA | Survey Manager
Under this multi-year contract, Matthew managed surveying and mapping services for various projects located throughout the County. Services included Roadway improvement surveys, monument preservation, aerial and supplemental ground topographic surveys, digital terrain modeling, volume calculations, and boundary and ROW surveys. The projects included various water resources and watershed protection facilities, dams, debris basins and spreading grounds. Deliverables were submitted in Microstation and In-Roads digital files that incorporated the County CADD specifications and cell library, storage tables, weekly status reports, and final survey reports. Projects included: • Willowbrook-Oris Street, ET AL. • Walnut Park - Pacific Boulevard, ET AL. • South Antelope Valley - Avenue P • North County Seamless Database • 50th Street, Quartz Hill • Santa Fe Dam and Recreation Area • Big Tujunga Dam and Reservoir • Big Tujunga Mitigation Bank • Big Dalton Debris Basin • Del Valle Sediment Placement Site • Lopez Spreading Grounds • Forbes Spreading Grounds • Big Dalton Spreading Grounds • Little Dalton Spreading Grounds

Anaheim Transportation Network Charging Infrastructure, Anaehim, California

Tony Zavanelli

PE, CEM, LEED AP

Energy Engineering

Stantec – 43 years of experience

Education: Master of Science, Mechanical Engineering, University of California Berkeley; Bachelor of Science Mechanical Engineering, University of California Berkeley

Registrations: Professional Engineer #M24645, CA

Tony has over 40 years of engineering and project management experience in the fields of cogeneration, solar energy, alternative energy, energy conservation, demand side management, District energy, and HVAC systems. He is an experienced engineering consultant to a wide variety of clients in the public, industrial, utility, university, state, and international sectors. Tony's project experience ranges from nuclear power plants and natural gas power stations to renewable energy—including solar, geothermal, biomass, and biogas facilities.

For the past 25 years, Tony has focused on cogeneration power systems, solar, and biomass/biogas energy projects, District heating and cooling systems, and demand side management projects. He has worked for many major public and private sector clients throughout North America as well as in Europe and Asia.

Santa Barbara MTD Facilities Master Plan and ZEB Analysis, Santa Barbara, CA | Energy Engineering
Stantec worked with SBMTD to develop a facilities master plan. We identified facility needs including what considerations should be given to electric utilities in the preparation for Zero-Emission bus transition.

SamTrans BEB Charging Infrastructure Concept Design, San Carlos, CA | Energy Engineering
Design of ZEB implementation at the North and South Bases including new charging infrastructure, PV system, and overhead charging dispensers. SamTrans is also considering hydrogen fueling at one of the Bases.

Gold Coast Transit District Zero-Emission Bus Rollout Plan, Oxnard, CA | Energy Engineering
Our team studied potential hydrogen solutions and infrastructure and designs that met GCTD's needs and serve regional transit partners (like VCTC), Port Hueneme, and personal vehicles. These approaches could help reduce costs by recouping investments through user fees and other funds.

North County Transit District Photovoltaic Condition Assessment, Oceanside, CA | Energy Engineering
Stantec provided condition assessments of existing photovoltaic systems at five site locations. Our tasks included evaluation of existing PV systems, cost analysis and recommendations for repair and replacement, and solar assessment repairs and monitoring system addition.

Anaheim Transportation Network Charging Infrastructure, Anaheim, CA | Energy Engineering
Established power and charging requirements for a 100-battery electric bus operation that serves Disneyland and associated resort support areas. Designed the main site power distribution system to support the bus chargers and ancillary operations at the new bus yard. The electrical design included accommodation for a 3 MW PV solar array, stationary battery energy storage, and a future micro-grid.

Golden Gate Bridge Highway & Transportation District Zero Emission Bus Rollout Plan and Analysis Services, San Francisco, CA
Developed all-encompassing ZEB rollout plan for a fleet of 150 buses. Plan includes facilities requirements review, routing review, establishing power requirement needs, determining the optimal mix of battery electric versus hydrogen fuel cell electric buses, undertaking financial analysis and providing an implementation plan that transitions to full ZEB by 2030.

COLTS Bus Operations & Maintenance Facility, Scranton, Pennsylvania

Brian McGraw

PE, FSFPE

Fire Protection Engineer

Stantec – 34 years of experience

Education: Bachelor of Science, Fire Protection Engineering, University of Maryland

Registrations: Professional Engineer #1334, CA

Brian is Stantec's North America Discipline Lead for Fire Protection Engineering, and brings over 30 years of experience in fire protection design, engineering, code analysis, and safety management across both public and private sectors. His expertise spans a wide range of facility types, including mission-critical operations centers, healthcare facilities, educational campuses, residential buildings, and nuclear installations. Brian is a licensed professional engineer and a recognized authority in fire protection and life safety, with a strong background in developing innovative, code-compliant solutions tailored to complex project requirements.

Brian's technical capabilities include the design of fire suppression and detection systems, mass notification systems, and comprehensive life safety strategies. He is highly experienced in building and fire code analysis, including the development of successful alternative materials and methods of construction. His previous role as the Virginia State Fire Marshal underscores his leadership in fire safety advocacy, where he contributed to legislative efforts and actively participated in the International Code Council's code development process. Brian's work has consistently demonstrated a commitment to protecting life and property through thoughtful, performance-based engineering.

Glendale Beeline Parking Structure and BEB Charging Infrastructure, Glendale, CA – Fire Protection Engineer
Brian oversaw the fire protection engineering team's activities, including code analysis, evaluation of fire protection water supply, evaluation of fire department access to the site, and design of fire protection systems.

County of Lackawanna Transit System (COLTS) Facility, Scranton, PA – Fire Protection Engineering QC Reviewer
Performed quality control reviews of fire protection design documents.

175 Park Avenue Transit Improvements, New York, NY – Fire Protection Engineering Subject Matter Expert
Performed code research / analysis and provided interpretations of code requirements to facilitate coordination of city and state code requirements in the overall design.

William S. Moorhead Federal Office Building, Pittsburgh, PA – Lead Fire Protection Engineer
Brian was responsible for all aspects of fire protection and life safety for the modernization of this 770,000 square-foot, 23-story building, including complete reworking of the previously retrofitted fire sprinkler system.

American University Katzen Arts Center, Washington, DC – Lead Fire Protection Engineer
Brian was responsible for all fire protection and life safety aspects of a 130,000 square-foot fine and performing arts center. The facility includes spaces for studio arts, a recital hall, an art history auditorium, instructional classrooms, and a 30,000 square-foot gallery for permanent and visiting collections.

Fresno State University Save Mart Center Arena, Fresno, CA – Lead Fire Protection Engineer
Brian was responsible for all aspects of fire protection and life safety, including life safety analysis, fire suppression, fire alarm, and smoke management for the design of this 450,000 SF sports and entertainment venue.

National Oceanic and Atmospheric Administration (NOAA) Satellite Operations Facility, Suitland, MD – Lead Fire Protection Engineer
Fire Protection Engineer for the new 208,271 SF mission critical facility that houses high technology equipment to control over $3 billion of environmental satellites, plus a 300-car underground parking garage.

OCTA Transit Security and Operations Center, Anaheim, California

John Hysler

RCDD, DCDC

Technology Specialist

Stantec – 22 years of experience

Education: Bachelor of Music in Sound Recording Technology, University of Massachusetts

Registrations: Registered Communications Distribution Designer #191837R
Data Center Design Consultant #255369

Dedicated to technology design, John's consulting and management experience includes dozens of projects with a focus on data center, science and technology, healthcare, and aviation clients and facilities. He helps his clients with technology visioning right through construction documents and construction administration. John's wide-ranging expertise and knowledge of technology system design positions him well to lead various subject matter experts in the pursuit of a fully coordinated design that enhances facilities and the user experience.

Santa Barbara MTD On-Call Architectural and Engineering Services, Santa Barbara, CA – Technology Specialist
Stantec is working with Santa Barbara MTD to provide on-call architectural and engineering services for projects at their facilities. Projects include assessments, remodels, and new construction work.

Foothill Transit On-Call Architectural, Engineering, and Design Services, West Covina, CA – Technology Specialist
The Stantec team has been providing Foothill Transit with on-call architectural and engineering services since 2014 through several contracts.

SamTrans Headquarters Tenant Improvement, San Carlos, CA – Technology Specialist
This project includes the design and integration of advanced information and communication technology (ICT) systems to modernize the facility, enhance operational efficiency, and support a flexible, future-ready workplace environment.

OCTA Transit Security and Operations Center, Anaheim, CA – Technology Specialist
The TSOC is being designed as a purpose-built facility for OCTA's operations in Orange County. The approximately 32,000 sf, two-story building on a 2.9-acre site will house OCTA's Emergency Operations Center (EOC), Central Communications (Dispatch), and Transit Police (TPS). It will specifically address the needs and requirements of OCTA's operations to support job duties, efficiency, functionality, communication, and operations. The new TSOC will also be designed with redundant building systems and increased structural performance criteria to provide for a resilient facility that can support OCTA's functions in an emergency.

County of Sacramento, Architectural Services Division, Sacramento, CA – Technology Specialist
Stantec is providing a variety of services and projects as part of a retainer agreement with the County of Sacramento Architectural Services Division.

Consolidated Headquarters Complex for the California Military Department (CMD), Rancho Cordova, CA – Technology Specialist
A new campus facility built on a 31-arce site, the consolidated complex includes a two-story headquarters building, a Warehouse, a Vault, and a 24-hour secure Emergency Operations Center that includes the new campus data center. Building functions accommodate 38 distinct Owner User groups. This facility included a total of 285,700 sf of new buildings with all site connectivity.

SFO Terminal 3 West Modernization BECx, San Francisco, California

David Markman

PE, BECxP, CxA+BE

Building Science Engineer

Stantec – 17 years of experience

Education: Bachelor of Science in Civil Engineering, California Polytechnic State University San Luis Obispo

Registrations: Professional Engineer #78368, CA

David is a licensed Civil Engineer with deep expertise in Building Enclosure Commissioning (BECx), building science, and enclosure engineering. His work spans new construction, adaptive reuse, and investigations of existing structures, with specialized knowledge in roofing, façade systems, and below-grade waterproofing. He has a particular focus on integrating impervious soil gas barriers with hydrostatic systems, ensuring tailored membrane selection and performance.

David has co-led R&D initiatives to automate enclosure systems, including panelized wall systems and flashing materials. A subject matter expert in prefabricated exterior walls, he is known for his collaborative, solution-oriented approach to commissioning in complex, urban environments. David actively contributes to industry groups, including IIBEC and RAiNA, and holds a commissioning credential from the University of Wisconsin-Madison. His technical leadership helps multidisciplinary teams meet project milestones while aligning with owners' goals.

SFO Terminal 3 West Modernization BECx, San Francisco, CA – Builidng Science Engineer
Enhanced building enclosure commissioning services for the Terminal 3 West Modernization project consisting of approximately 250,000-square-foot expansion of the occupiable building footprint which includes new building envelope/façade on air and landsides. Project targeting LEED® Platinum Certification.

SFO Courtyard 4 Connector BECx, San Francisco, CA – Builidng Science Engineer
Enhanced building enclosure commissioning services for a new 5-story 150,000-sf facility connecting Terminal 3 West with the International Terminal. Featuring curtain wall systems, metal panels, and multiple roofing assemblies. Project targeting LEED® Platinum Certification.

UC Berkeley People's Park Housing BECx, Berkeley, CA – Builidng Science Engineer
Performed building enclosure design phase commissioning services to support the implementation of the owner's project requirements. Reviewed commented on Design team Construction Documents, developed BECx specification and Implementation Plan.

LRCCD Folsom Lake College New Science Building (Oak Hall) BECx, Folsom, CA – Builidng Science Engineer
Enhanced building enclosure consulting and commissioning services for a new 75,000-sq.-ft. science building with two levels above grade. Project is targeting LEED® Silver Certification.

Oakland USD Administration Building BECx, Oakland, CA
Building enclosure commissioning services for a new Admin building and new multi-purpose building at two schools within OUSD. Project to meet CHPS requirements.

Menlo Park Community Center (Belle Haven Community Center) BECx, Menlo Park, CA – Builidng Science Engineer
Enhanced building enclosure consulting and commissioning services for a new three-story community center. Project targeted LEED® Gold Certification.

UC Davis University Center Building BECx, Sacramento, CA – Builidng Science Engineer
Retrofit and reroofing of an existing two-story office building in Sacramento, including the addition of a third story and a terrace over occupied space. Provided building enclosure commissioning services and target LEED Gold certification.

Pasadena Transit Bus Operations & Maintenance Facility, Pasadena, California

Vanessa Nelson

LEED AP, Fitwell Ambassador, GreenPoint Rater

Sustainable Design Lead

Stantec – 25 years of experience

Education: Bachelor of Architecture, University of California Berkeley

Registrations: LEED Accredited Professional; Certified GreenPoint Rater; Fitwell Ambassador

Vanessa manages Holistic sustainability services within Stantec's Carbon Impact Team. She has spent the last two decades managing green building and sustainability projects across a wide range of sectors including healthcare, laboratories, commercial buildings, mixed-use developments, and city masterplans. She is a well-known and respected thought leader on sustainability frameworks such as LEED, WELL and Fitwel and is committed to working with project teams to integrate principles of health, well-being, and regenerative development. Vanessa has a wealth of expertise in environmental consulting and management services and has served on various U.S. Green Building Council committees at the local and national level. Additionally, she has partnered with various government authorities in the development of green building code regulations.

Pasadena Transit Bus Operations & Maintenance Facility, Pasadena, CA – Sustainable Design
The new facility will consist of an operations building with offices, drivers' room and dispatch suite, a 5-bay maintenance building, a vehicle wash, and 3 story parking structure to house the Pasadena transit fleet.

San Francisco International Airport (SFO) Air Train Hotel and Lot DD Stations, San Francisco, CA – Sustainable Design
Provided LEEDv4.0 BD+C New Construction Gold administration services for two new stations constructed at the Grand Hyatt at SFO and Long-Term Parking. The stations are powered by a rooftop PV system with 2,700 panels that generate about 40% of the annual power needs for both stations; deployment of water-efficient fittings and fixtures that reduce water use by about 40%. Recycling of more than 75% of construction and demolition debris and procurement of building products and materials that comply with the rigorous LEED Volatile Organic Compound (VOC) emissions criteria to reduce concentrations of indoor chemical contaminants. Testing of indoor air quality at both stations to confirm compliance with LEED air quality assessment standards for clean indoor air prior to occupancy. Selection of building products and materials from manufacturers that transparently disclose products' environmental life-cycle information to reduce global environmental impact.

Palo Alto Public Safety Building, Palo Alto, CA – Sustainable Design
Provided LEEDv4.0 BD+C New Construction Gold administration services for three story 45,500 square foot public safety building.

Pasadena City Hall, Pasadena, CA – Sustainable Design
Provided project coordination for LEEDv3 NC/EB Gold renovation project.

Hayward Fire Training Center City of Hayward, Hayward, CA – Sustainable Design
Provided LEEDv4.0 BD+C New Construction Silver administration services for 30,000 square foot fire station and classroom building.

Uniformed Services University of the Health Sciences (USUHS), Bethesda, MD – Sustainable Deisgn
Provided LEEDv4 BD+C New Construction Silver administration services for 450,000 square foot research facility.

Western Digital Corporation, Irvine, California

Mary Cheval

NCIDQ, CID

Workplace Architecture

Stantec – 36 years of experience

Education: Bachelor of Science, Interior Architecture, University of Texas at Austin

Registrations: Certified Interior Designer

With over 35 years of experience, Mary is a strategic leader with experience in many sectors and project types, including workplace, science and technology, corporate, retail, and hospitality. As the Workplace Market Leader in Stantec's Los Angeles office, Mary is focused on growing and leading the workplace sector in California, including new business development, client relationship management, and team leadership. Additionally, she oversees design solutions that support client's business objectives and enhances their corporate culture. Mary values a strong partnership with each client and approaches every project holistically. Known for her extensive experience in workplace consulting and design excellence, Mary believes design solutions should be more than functional, durable, and beautiful; they should also be resilient, inclusive, and deliver a meaningful user experience. She enjoys leveraging her experience in strategic planning to optimize real estate decisions while emphasizing meaningful transformations in the workplace and promoting the innovative power of team collaboration. Taking a people-focused and evidence-based approach, she is passionate about elevating the well-being of people through strategy and design.

SamTrans Headquarters Tenant Improvement, San Carlos, CA – Workplace Architecture
The interior design and FF&E (furniture, fixtures, and equipment) work on the SamTrans New Headquarters Tenant Improvement Project focuses on developing a refined space plan and furniture strategy that enhances workflow, collaboration, and user experience, including showroom tours for furniture selection, integration with ICT systems, and coordination with architectural teams to ensure seamless synergy between tenant improvements and workplace furnishings.

Orange County Transportation Authority (OCTA) Stadium Towers, Anaheim, CA – Workplace Architecture
Workplace strategy, master planning, visioning, concept design, and peer review of County of Orange Basis of Design for this 150,000-sf build-to-suit office building to serve as the new headquarters for this transportation planning commission agency.

Metropolitan Water District (MWD), Los Angeles, CA – Workplace Architecture
Led the programming, feasibility study, and strategic blocking and stacking assignment for this 150,000-sf high-rise building.

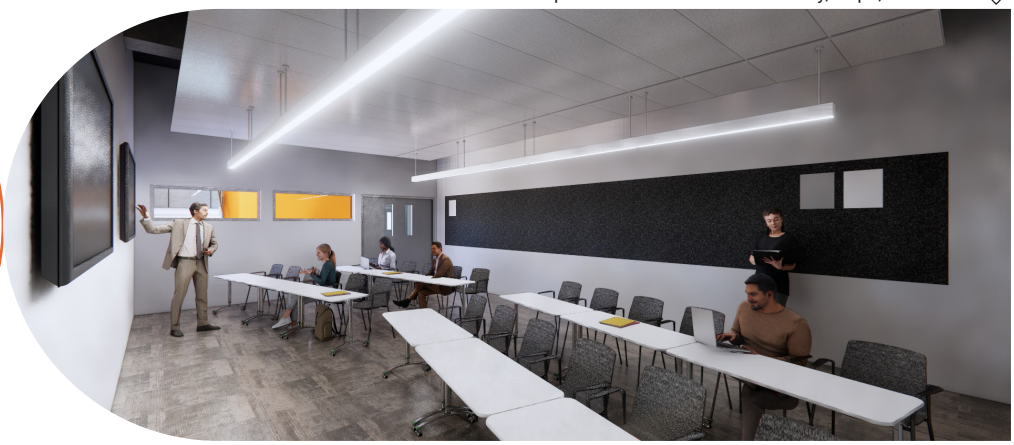
General Services Administration (GSA) U.S. Citizenship and Immigration Service Centers (USCIS), Tustin, CA – Workplace Architecture
Two separate projects, each 68,000 sf. Led all phases of design and contract administration for these tenant improvements.

Veterans Affairs (VA) Healthcare Clinic Kearny Mesa, San Diego, CA – Workplace Architecture
A 130,000-sf conversion of an existing former bank vault building into an outpatient clinic with primary care and specialty health services. The objective was to deliver a high-performance environment that optimized the patient's experience, emphasizing physical and mental well-being.

City of Pico Rivera City Hall and Council Chambers Renovation, Pico Rivera, CA – Workplace Architecture
Led programming, planning, and interior design services for the 30,000-sf facility renovation.

Western Digital Corporation Headquarters, Irvine, CA – Workplace Architecture
Conducted strategic facilities master planning, workplace strategy, and change management services for this 500,000-sf headquarters campus.

Commerce Transit Bus Operations & Maintenance Facility, Napa, California



Rohini Pendyala

CLD, IALD, IES

Lighting Designer

Stantec – 23 years of experience

Master of Science in Lighting, Rensselaer Polytechnic Institute
Bachelor's in Architecture, Jawaharlal Nehru Technological University

Certifications and Training: CLD, Certified Lighting Designer, San Francisco, California, 2025

Rohini is a proponent of sustainable lighting design across a multitude of sectors, with energy and environmental design practices being her main focus. Designing projects that surpass client needs is the most rewarding part of her career and Rohini believes this is best accomplished by working collaboratively in solution focused team environments. She understands the value of bringing together various disciplines, perspectives, and design approaches to form a comprehensive and dynamic team.

Santa Barbara MTD On-Call Architectural and Engineering Services, Santa Barbara, CA – Lighting Designer
Stantec is working with Santa Barbara MTD to provide on-call architectural and engineering services for projects at their facilities. Projects include assessments, remodels, and new construction work.

SamTrans Headquarters Tenant Improvement, San Carlos, CA – Lighting Designer
The interior design and FF&E (furniture, fixtures, and equipment) work on the SamTrans New Headquarters Tenant Improvement Project focuses on developing a refined space plan and furniture strategy that enhances workflow, collaboration, and user experience, including showroom tours for furniture selection, integration with ICT systems, and coordination with architectural teams to ensure seamless synergy between tenant improvements and workplace furnishings.

OCTA On-Call Architectural and Engineering Services, Orange, CA – Lighting Designer
The Stantec team has been providing OCTA with on-call architectural and engineering services since 2016 through several contracts.

Foothill Transit On-Call Architectural, Engineering, and Design Services, West Covina, CA – Lighting Designer
The Stantec team has been providing Foothill Transit with on-call architectural and engineering services since 2014 through several contracts.

Foothill Transit On-Call Architectural, Engineering, and Design Services, West Covina, CA – Lighting Designer
The Stantec team has been providing Foothill Transit with on-call architectural and engineering services since 2014 through several contracts.

Commerce Transit and Public Works Operations & Maintenance Facility, Commerce, CA – Lighting Designer
Stantec is providing architecture and engineering services for the 280,000 SF facility including spaces for administration, operations, maintenance, fuel/wash, and bus and employee parking.

Pasadena Transit Bus Operations & Maintenance Facility, Pasadena, CA – Lighting Designer
The new facility will consist of an operations building with offices, drivers' room and dispatch suite, a 5-bay maintenance building, a vehicle wash, and 3 story parking structure to house the Pasadena transit fleet.

Jeff Kemps

Ph.D., P. Eng.

Building Commissioning

Stantec – 27 years of experience

Ph.D., Doctor of Philosophy, Mechanical Engineering, University of Alberta
Master of Science in Mechanical Engineering, University of Alberta
Bachelor of Science in Mechanical Engineering, University of Alberta

Registrations: Registered Architect #C35467, CA

As a Senior Mechanical Engineer, Jeff Kemps brings over 25 years of experience in mechanical systems design and commissioning. He has worked on the heating, ventilation, air conditioning, plumbing, and controls systems in a variety of commercial, institutional, and industrial buildings throughout Western Canada with total construction budgets of up to $1.4 billion. Jeff also has considerable experience with commissioning of DDC (Direct Digital Control) systems for improved energy management in both new and existing buildings. His larger projects of this nature have involved thousands of devices, including some for special applications such as with the Alberta Research Council complex in Edmonton

Translink – BCRTC Operations Control Centre (OCC2), Burnaby, BC - Owner's Commissioning Authority
Provided oversight of Mechanical Commissioning Agent's activities, as well as coordination of requirements and testing for Integrated Systems Testing (under CAN/ULS S1001 Standard) for the owner (TransLink) to ensure that their requirements are fully satisfied in the completed building, facilitate the final acceptance of the project as scheduled, and facilitate the transfer to the Facility Operator and Management Personnel.

Ferrier and Paterson Bus Maintenance Garages Revitalization, Edmonton, Alberta - Commissioning Authority
Cx of retrofitted mechanical and electrical systems throughout two large bus garages, including 12 air handling units/make-up air units, a diesel exhaust system for bus repairs, and a new hydronic heating system with heat reclaim from exhaust fans; completed in summer 2021.

LRT Station Escalator Replacements, Edmonton, Alberta - Commissioning Authority
Cx of escalators and building systems associated with mechanical rooms housing switchgear at two stations (Bay, Corona); coordinated with Edmonton Transit, including fire alarm integration; completed in summer 2020.

Spring Gardens Garage Expansion, Calgary, Alberta - Commissioning Authority
Commissioning of mechanical, electrical and security systems, with some performance testing conducted while building was occupied; completed in 2016.

Building Control System Upgrade Alberta Research Council, South Edmonton, Alberta - Mechanical/Commissioning Engineer
Commissioning of approximately 2,000 control system field devices, various control sequences and alarms, for a variety of light industrial, laboratory and office spaces, including a biotechnology pilot plant.

Analy Castillo

Ph.D.

ZEB Technology Lead

Stantec – 14 years of experience

Doctor of Philosophy in Environmental Engineering, University of California Irvine
Master of Science in Environmental Engineering University of California Irvine
Bachelor of Science in Chemical Engineering, Rafael Landivar University

At UC Irvine's Advanced Power & Energy Ph.D. Program, Analy's ZEB research included the first hydrogen fuel cell pilot programs in Orange County. She also researched fleet optimization with a team in Switzerland based on environmental and cost impacts of alternative systems. Her research and publications have influenced policymakers and ZEB regulations. A model she developed for her thesis optimizing ZEB phasing is now being used by our transit team. This model, ZEBDecide, helps transit agencies determine their unique mix of battery and hydrogen fuel cell buses based on the terrain, routes, and infrastructure. As a consultant, her expertise in the systems, operations, and planning impacts related to ZEBs makes her invaluable to clients.

Santa Barbara MTD Facility Master Plan and ZEB Study, Santa Barbara, CA - Predictive Energy Modeling/ZEB Strategist
Analy led the predictive energy modeling for the BEB conversion of over 100 buses in Santa Barbara. Analy also created the power requirements for their existing facility and a new location that will only house electric buses.

OCTA ZEB Rollout Plan On-Call Services, Orange, CA - ZEB Strategist
As ZEB Strategist, Analy helped develop an all-encompassing ZEB rollout plan for a fleet of 550 buses. The plan includes facilities review, routing review, developing power requirements, determining the optimal mix of battery electric versus hydrogen FCE buses, undertaking financial analysis of different technology mix scenarios.

RTA ZEB Analysis and Rollout Plan, Riverside, CA - ZEB Strategist
As ZEB Strategist, Analy helped develop an all-encompassing ZEB rollout plan for a fleet of 224 buses. The plan includes reviewing facilities requirements, routing review, establishing power requirement needs, determining the optimal mix of battery electric versus hydrogen FCE buses, undertaking financial analysis, and providing an implementation plan that transitions the agency to full ZEB by 2040.

Santa Monica Big Blue Bus Charging Infrastructure Project, Santa Monica, CA - ZEB Strategist
Developing electric charging infrastructure strategy and recommending facility modifications for transition to 100% ZEB by 2030 for a fleet of 100 buses.

Norwalk Transit System (NTS) ZEB Rollout Plan, , Norwalk, CA - Project Manager
Analy serves as Project Manager to develop the Zero Emission Transition Plan for NTS. The plan will include the detailed predictive modeling of 60 buses, a financial cost assessment, and a transition strategy to update their current CNG facility.

Golden Gate Bridge Highway and Transportation District, ZEB Rollout Plan and Analysis Services, San Francisco, CA - ZEB Specialist
As ZEB specialist, Analy assisted in developing an all-encompassing ZEB rollout plan for a fleet of 150 buses. The plan includes a facilities requirements review, routing review, establishing power requirement needs, determining the optimal mix of battery electric versus hydrogen FCE buses, undertaking financial analysis, and providing an implementation plan that transitions the agency to full ZEB by 2030.

Lewis Simons

PG

Environmental Services

Stantec – 30 years of experience

Education: Master of Science, EIA, Auditing, and Environmental Management Systems, University of East Anglia
BS, Geology, University of Leicester

Registrations: Professional Geologist #7976, CA

Lewis is a State of California Licensed Professional Geologist with 28 years of professional experience in the environmental consulting field. Currently, he supports multiple renewable energy redevelopment projects (BESS, wind and solar) across the US with technical studies and is the client account manager and program leader for brownfield redevelopment site assessment and remediation projects across California. Lewis and his team oversee a wide array of site assessment and remediation projects, successfully achieving site closures under the oversight of lead regulatory agencies such as the Regional Water Quality Control Board, the Department of Toxic Substances Control (DTSC), and various Local Oversight Programs across California—including the Los Angeles County Fire Department (LACFD), Orange County Health Care Agency (OCHCA), Riverside County Environmental Health, and the Ventura County Resource Management Agency (VCRMA).

Santa Barbara MTD Architectural and Engineering Services On-Call, Santa Barbara, CA - Principal Geologist
Stantec is working with Santa Barbara MTD to provide on-call architectural and engineering services for projects at their facilities. Projects include assessments, remodels, and new construction work.

Ozone Sparge System Installation and O&M | La Habra, - Principal-in-Charge
Lewis provided oversight for the installation, operation, and maintenance of an ozone sparge system at a former logistics/refrigeration facility in La Habra, California. The site was owned by an international redevelopment company that specializes in large-scale residential developments. Work comprised soil, soil vapor, and groundwater sampling for halogenated volatile organic compounds (HVOCs) that were migrating onto the site from an upgradient source. Work included the installation of 40 independent ozone sparge points and their connection (via above ground pipework) to two independent skid-mounted ozone sparge units capable of generating up to 1.5 and 2.5 pounds of ozone per day, respectively. Liaison and regulatory oversight from the Orange County Health Care Agency (OCHCA) and the Santa Ana Regional Water Quality Control Board (SARWQCB) were an integral part of the project. The agencies ensured that the source and potential responsible party for the release of the HVOCs into shallow soil and groundwater could be identified and the source removed to prevent further continued migration of HVOCs in groundwater and soil vapor onto the site. The site is now redeveloped into single family housing.

Automotive Plants Due Diligence & Compliance Audits/Phase II Investigations, Central and Southern Poland - Project Manager
Lewis performed due diligence, compliance audits, and Phase II Investigations of automotive plants in Central & Southern Poland for Ford Environmental Quality Offices in the USA. Work comprised several site visits, interviews with site staff, and development of proposals for Phase II investigations. Coordination between Polish-speaking nationals and stringent US client requirements was integral in negotiating a successful purchase.

Kristy Edblad

PE, QSD/QSP, CAPP

Environmental Services

Stantec – 22 years of experience

Education: Bachelor of Science in Environmental Engineering, California Polytechnic State University

Registrations: Professional Engineer #79655, CA

Kristy is an environmental consultant with over 20 years of experience in site assessments, remediation, regulatory compliance, and NEPA/CEQA documentation. She specializes in designing and operating SVE and ozone sparge systems, emissions modeling for infrastructure projects, and navigating multi-agency regulations across California.

Santa Barbara MTD Architectural and Engineering Services On-Call, Santa Barbara, CA - Project Engineer
Stantec is working with Santa Barbara MTD to provide on-call architectural and engineering services for projects at their facilities. Projects include assessments, remodels, and new construction work.

Los Angeles Metropolitan Transportation Authority (MTA), Constructability Analysis, Los Angeles County, CA - Engineering Associate
Kristy conducted a constructability analysis of environmental concerns regarding the development of the Division 13 Bus Maintenance and Operations Facility, Central Cash Counting Facility, and Green Fuels Facility on behalf of the MTA. The constructability analysis focused on high risk areas of environmental, utilities, civil/structural/survey, geotechnical, traffic, and estimating. Environmental concerns included the review of construction documents; environmental reports; soil management plan; soil and hazardous materials, quantities, handling, and disposal (class I, II, and III landfills); permits; and stormwater management documents/plans. Kristy provided comments and recommendations to limit developmental risk and environmental concerns for the project.

Rail Maintenance Facility - Industrial Waste/Stormwater Segregation, Los Angeles, CA - Principal Engineer
Stantec provided civil engineering, surveying, structural engineering, and architectural design services for a 49-acre rail maintenance facility in downtown Los Angeles. With infrastructure systems dating back before World War II, the project proposes the segregation of co-mingled industrial waste and stormwater collection systems to limit the onsite treatment demand prior to discharge to the sanitary sewer system. Stantec analyzed existing pipe systems, prepared improvement plans for adaptive reuse of existing infrastructure, and developed phasing strategies limiting potential interruption to critical facility operations during construction. Additional services included development of procurement documents, construction oversight, waste management, and environmental compliance. Kristy provided project management, developing strategies to segregate co-mingled wastewater and stormwater systems; coordinating the design team of engineers, architects, planners, surveyors, and geologists; coordinating and leading client meetings and working sessions; coordinating field programs and subcontractors; and reviewing construction drawings and specifications.

Crystahl Taylor

Environmental Services

Stantec – 24 years of experience

Education: Bachelor of Science in Forestry and Natural Resources, California Polytechnic State University

Crystahl is a Principal Environmental Planner in our Environmental Services Group based in Santa Maria, California. Crystahl has 25 years of experience in environmental permitting, California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) document preparation and review, environmental due diligence, and environmental compliance services. Her primary expertise is in the renewable energy, oil and gas, industrial, land development, capital improvement, and public works sectors. Crystahl has worked extensively throughout California, with additional project experience in Oregon and Arizona.

Santa Barbara MTD Architectural and Engineering Services On-Call, Santa Barbara, CA - Environmental Project Manager
Stantec is working with Santa Barbara MTD to provide on-call architectural and engineering services for projects at their facilities.

CRC CalCapture Carbon Capture and Sequestration Project, California - Deputy Project Manager
Currently assisting California Resources Corporation (CRC) to support a carbon capture and underground storage project in Kern County, California. Managing coordination of project surveys and preparation of the required technical studies in support of the project's Environmental Impact Report. Technical studies include Air Quality/Greenhouse Gas Study/Health Risk Assessment, Biological Resources Technical Report, Cultural Resources Survey Report, Paleontological Resources Survey Report, Hydrology and Water Quality Study, Geohazards Study, Phase I Environmental Site Assessment, Noise Study, Energy Utilization Study, Transportation Impact Analysis, Quantitative Risk Assessment, and Water Supply Assessment. Stantec is assisting CRC with federal, state, and local project approvals.

San Luis Obispo Tank Farm Remediation and Restoration Project *, San Luis Obispo, CA - Assistant Environmental Project Manager
Assistant Project Manager in support of the remediation and restoration activities at Chevron's San Luis Obispo Tank Farm property. The project's environmental issues included wetlands, endangered species, rare plants, airport compatibility, historical resources, traffic and transportation, hydrology, recreation, land use compatibility, human and ecological risk mitigation, deed restrictions on future uses, and groundwater quality. Coordinated with the agencies for the proposed remediation and restoration components of the project and received the following agency permits: Nationwide Permit Authorization from the U.S. Army Corps of Engineers, Water Quality Certification from the Regional Water Quality Control Board, Streambed Alteration Agreement from California Department of Fish and Wildlife, and Section 7 Biological Opinion from the U.S. Fish and Wildlife Service and National Marine Fisheries Service. Managed other components of the project such as agency correspondence, meeting attendance, scheduling, and reporting.

Joshua Sargent

PG

Environmental Services

Stantec – 14 years of experience

Education: Master of Science in Geological Sciences, California Polytechnic State University
Bachelor of Science in Geological Sciences, California Polytechnic State University

Registrations: Professional Geologist #9730, CA

Joshua is a California Professional Geologist with a master's in geological sciences and extensive experience in environmental consulting. He specializes in Phase I and II Environmental Site Assessments, remediation, and air monitoring. His field expertise includes soil, vapor, and water sampling, and he has implemented South Coast AQMD Rules 1166 and 1466 across a range of excavation projects involving petroleum, solvents, heavy metals, and pesticides.

Santa Barbara MTD Architectural and Engineering Services On-Call, Santa Barbara, CA - Geologist
Stantec is working with Santa Barbara MTD to provide on-call architectural and engineering services for projects at their facilities.

Caltrans District 7 North On-Call Hazardous Waste Site Assessment, Investigation and Feasibility Study Services Ventura and North LA Counties, Contract 07A3963, Ventura and Northern Los Angeles Counties, CA - Task Order Support
Joshua provides task order support as a field safety officer, soil vapor and ground water sampler, and laboratory coordinator. He also supports report preparation and QA/QC.

Caltrans District 8 On-Call Hazardous Waste Site Investigation and Design Services, Contract 08A2810, San Bernardino County, CA - Task Order Support
Joshua provides task order support as a field safety officer, soil vapor and ground water sampler, and laboratory coordinator. He also supports report preparation and QA/QC.

Soil Vapor Remediation, Orange County, CA - Geologist
Joshua has provided monthly operation and maintenance on a soil vapor extraction system operating at a historical landfill. Components of the operation and maintenance included measurements of the recovered vapor for methane and volatile organic compounds, and collecting flow measurements from the extraction wells. Joshua prepared month operation and maintenance reports.

Phase I Site Assessment, CA, Phase I and Phase II Environmental Site Assessment - Author
Joshua performed an onsite reconnaissance survey, historical records investigation, and formulated the report deliverable. The report provided a thorough review of the property history and defined present environmental concerns for the client.

OCTA Transit Security and Operations Center, Anaheim, CA – Environmental Services
Stantec is providing architecture and engineering services for the emergency operations center, central communications, and transit police facility.

D.

Subcontractors

D. Subconsultant Experience & Expertise

Gray Electrical Consulting Engineers

Firm Profile
Gray Electrical Consulting + Engineering Corporation is a California State recognized DBE and SBE professional electrical engineering consulting firm located in Santa Maria. They offer our clients a team of electrical engineers and drafting technicians with highly technical expertise in the area of power systems, system protection, coordination, arc-flash analysis, lighting system design, dry-utility company coordination, electrical system commissioning, procurement support and construction contract administration.

GECE focuses on being accessible to thier clients with a commitment to collaboration, and strong attention to detail. With each project, they strive to meet our clients design needs and provide careful thought and consideration for future growth and expansion. Their goal is to provide each clients with electrical design they need today, and the resources they need to maintain their electrical system safely and efficiently for years to come.

Project Experience
- Santa Barbara MTD On-Call Architectural & Engineering
- San Luis Obispo Regional Transit Authority Bus Operations & Maintenance Facility
- Windset Farms Green House Expansion
- CoastHills Credit Union Corporate Headquarters
- Central City Cooling Emergency Power Scoping

Legal Name:	Gray Electrical Consulting + Engineering Corporation
Legal Form of Company	Corporation
State of Incorporation	California
Years in Business	13 years
FEIN:	46-1025422
Company Address:	2529 Professional Parkway Suite A Santa Maria, CA 93456
Contact:	Heather A. Gray, PE President, Principal Engineer 805-361-0525
DBE No.:	45928
Registration	E18927 (Electrical, California)

San Luis Obispo RTA Bus Operations & Maintenance Facility, San Luis Obispo, California

Heather A. Gray

PE

Electrical Engineer

GECE Corp– 20 years of experience

Education: Bachelor of Science in Electrical Engineering, California Polytechnic State University San Luis Obispo

Registrations: Professional Engineer #18927, CA

Heather A. Gray is President and Principal Electrical Engineer of Gray Electrical Consulting + Engineering, Corp. Heather brings over 20-years of industry experience, with electrical design expertise in the area of power systems, protection, coordination, arc flash, lighting systems, utility company coordination, electrical system commissioning, material procurement, and electrical construction contract administration. Heather specializes in electrical design, engineering, project management, and contract document preparation for a wide range of project types, including commercial, industrial, civic, educational, medical, and residential systems. Heather focuses on delivering the most thorough and detailed solution for each design challenge, bringing valuable insight regarding design process, permitting, utility company interface, and overall constructability. She successfully leads a team of engineers, project managers, and drafting system technicians from her Santa Maria based office, offering her clients a full range of electrical engineering services, tailored to meet their specific needs. She has been recognized by the Spirit of Entrepreneurship foundation for her work in Santa Barbara County as an emerging business in Science and Technology.

Santa Barbara MTD On-Call Architectural and Engineering Services, Santa Barbara, CA – Electrical Engineer
GECE is working with Santa Barbara MTD to provide engineering services for projects at their facilities.

San Luis Obispo RTA New Maintenance Building, San Luis Obispo, CA | Electrical Engineer of Record
Heather served as the Electrical Engineer of record for this project, which featured engineering services for the construction of a new maintenance facility.

San Luis Obispo RTA Transit Improvements, San Luis Obispo, CA | Electrical Engineer of Record and Electrical Systems Project Management
Heather provided electrical design and project management for RTA facility improvements in San Luis Obispo, CA. Electrical improvements included the installation of new bus canopy shelters, photovoltaic system provisions, and ticket vending equipment.

Windset Farms, Santa Maria, CA | Electrical Engineer of Record
Since 2014 Heather has de-signed and managed electrical components supporting facility operation, maintenance, and expan-sion of this 168 Acre Green House facility located in Santa Maria, CA. Heathers strong engineering background and expertise in electrical design, lighting design, system reliability, selective coordina-tion, utility coordination, procurement support, and construction contract management supported the facility through rapidly changing design parameters and expedited design and construction timeframes.

PG&E Company Diablo Canyon Nuclear Power Plant, Avila Beach, CA | Electrical Engineer and Electrical Systems Project Management
Heather provided electrical project management of capitol and expense projects for this California State electric utility company and nuclear power plant.

D. Subconsultant Experience & Expertise

True Nature Design

Firm Profile

TRUE NATURE is a full service Landscape Architecture Firm located in Santa Barbara, California. We create beautiful places that respect natural ecological processes, conserve resources, promote healthy watersheds, and bring the joy and peace of nature to people's environments. We bring passion, enthusiasm, and attention to detail to our projects, whether the design team is a small family or a large multidisciplinary collaboration. Principal Landscape Architect Kimberly True launched True Nature in 2010. True Nature practices an ecosystematic design process which seeks to sustainably combine the functions of rainwater cleansing and retention with habitat creation and aesthetic beauty. Blending science and art, our landscapes provide tranquility and beauty. Our expertise can guide all phases of project development, from project conception to construction administration, with the level of detail necessary to make your project truly unique and successful. Our Landscape Architectural services include planning, landscape design focusing on water conservation, elegant hardscape design, sensitive grading and drainage strategies, smart irrigation design, habitat restoration, and stormwater management.

Legal Name:	True Nature Design
Legal Form of Company	Corporation
State of Incorporation	California
Years in Business	15 years
Company Address:	315 Meigs Road Suite A-131 Santa Barbara, CA 93109
Contact:	Kimberly True, MLA, ASLA 805-770-2100 kim@truenaturedesign.com
Registration	Registered Landscape Architect No. 5596

Student Resource Building North Event and Study Spaces, UC Santa Barbara, California

Kimberly True

ASLA, MLA

Principal Landscape Architect

True Nature – 15 years as Principal Landscape Architect

Education: California State Polytechnic University, Pomona, M.L.A., summa cum laude; University of California, Santa Barbara, B.A., Environmental Studies, Santa Barbara City College, A.S., Environmental Horticulture

Registrations: Registered Landscape Architect No. 5596, CA

Kimberly is a talented landscape architect who balances her scientific background and artistic nature to create landscapes with ecological sensitivity and beauty. She has over twenty years of landscape design and architecture experience working independently and as part of multidisciplinary teams. Kimberly has worked on many large-scale projects including demonstration gardens, master plans, multi-family residential developments, campus and university projects, playgrounds, parks, renewable energy projects, and projects specializing in Low Impact Development (LID) concepts and storm water management. Her unique blend of design, installation, an dmaintenance experience gives Kimberly a special perspective on designing projects that ar low-maintenance, hardy, and express artistic and natural qualities. Her artistic sensibility is expressed through dynamic use of colored foliage and bold textures in her designs.

Santa Barbara MTD On-Call Architectural and Engineering Services, Santa Barbara, CA – Landscape Architect
True Nature is working with Santa Barbara MTD to provide landscape architecture services for projects at their facilities.

Student Resource Building North Event and Study Spaces, University of California, Santa Barbara, CA – Lead Designer & Project Manager
True Nature engaged with various Campus Student Groups and held design charettes with the Campus Community to arrive at the successful final design constructed in 2020. True Nature provided Schematic Design, Conceptual Design, Construction Documents, and Construction Administration Services. Stantec provided site survey services.

IPT Headquarters, Goleta, California - Landscape Architect
True Nature developed the Conceptual Landscape Plans, Construction Documents, and provided Construction Administration Services for this Industrial/Office company facility. The Owners purchased an older site in Goleta which was transformed into a modern facility complete with vibrant outdoor employee break and company entertainment spaces.

Metropolitan Transit District Terminal 2, Goleta, California - Landscape Architect
True Nature developed the Conceptual Landscape plans, Construction Documents, and provided Construction Administration Services for the MTD Terminal 2 renovation project. The site had not been used for many years, and the new design carefully retained select mature trees and added bold, low maintenance landscape plantings to refresh the site and create an attractive landscape.

Santa Barbara Business Park, Goleta, California - Landscape Architect
True Nature developed the Conceptual Landscape Design plans, Construction Documents, and provided Construction Administration Services for this business park renovation project. This older large office park property was originally landscaped with lawn and junipers and had grown tired. The new landscape design created a water-wise, low maintenance, colorful business park with interesting outdoor employee break spaces and attractive views from the office windows.

University of California, Santa Barbara, North Campus Open Space, Santa Barbara, California - Landscape Architect
True Nature was part of a robust multi-disciplinary team which transformed a golf course back into a coastal wetland, providing an integrated trail network with interpretive elements along with 136 acres of

Kimberly True

ASLA, MLA

Principal Landscape Architect

habitat restoration. True Nature began the project as a consultant to the Trust for Public Land, providing support for multiple stakeholder design charettes. When the golf course property was transferred to the University,

Santa Barbara Botanic Garden Backcountry Adventure, Santa Barbara, California - Landscape Architect
True Nature developed the Conceptual Landscape Design plans for this children's outdoor nature exploration garden. The process included a number of design charettes with input from the Garden community and local outdoor education groups.

Santa Barbara Botanic Garden Home Demonstration Garden Renovation, Santa Barbara, California - Landscape Architect
True Nature developed the Conceptual Landscape Design plans, Construction Documents, and provided Construction Administration Services for this project which renovated the original garden built in the early 1990's. An accessible permeable ramp and multiple types of rainwater management strategies such as vegetated swales, rock creek beds, rainwater barrels, and a rain garden were designed by Kimberly for the project. The landscape planting features California native plantings appropriate for residential gardens.

219 E. Haley Mixed-Use Commercial / Residential Project, Santa Barbara, California - Landscape Architect
True Nature developed the Conceptual Landscape Design plans, Construction Documents, and is providing Construction Administration Services for this redevelopment project located in downtown Santa Barbara. This project is the first of a high density redevelopment in the Haley Street Corridor, and features a modern take on the Spanish courtyard. Bold, colorful, tough succulent plants and flowering vines grace the courtyard and balconies, creating multiple intimate spaces.

Village at Los Carneros, Goleta, California - Landscape Architect
True Nature prepared the Construction Documents and provided Construction Administration Services for this large and complex residential project. The property was one of the last large, undeveloped parcels in Goleta adjacent to the railroad corridor and 101 Freeway, and included a creek restoration, trail and park area in addition to multi family and single-family homes with parks and common recreation area. Stantec provided civil engineering services, and True Nature worked closely with them on this successful project.

Heritage Ridge, Goleta, California - Landscape Architect
True Nature developed the Conceptual Landscape Design plans, Construction Documents, and will provide Construction Administration Services for this multi-family residential and neighborhood park project. True Nature has worked closely with the local Chumash community to develop the park program. The project will provide much needed affordable senior and family housing by the Housing Authority of Santa Barbara County alongside market rate apartment housing.

City of Carpinteria Cactus Lane Parking Lot Renovation, Carpinteria, California - Landscape Architect
True Nature developed the Conceptual Landscape Design plans, Construction Documents, and provided Construction Administration Services for this municipal project located in Carpinteria. This City parking lot was suffering from years of deferred maintenance. The project provided a re-vamped parking layout featuring electric vehicle charging, permeable paving, and a bioswale. The landscape design blended existing mature trees with new water-wise and low-maintenance plantings to support water conservation and stormwater management.

University of California Oceanwalk Faculty Housing, Santa Barbara, California - Landscape Architect
True Nature provided Landscape Architectural Services for this multi-phase, multi-year residential project. The site features open space trails, wetlands, and a community center with pool. True Nature, as part of several multidisciplinary design teams, developed the Conceptual Landscape Design plans, Construction Documents, and provided Construction Administration Services for the final four phases of the project.

Integrated Learning Pavilion (ILP) Bike Path Project, University of California, Santa Barbara, California - Landscape Architect
True Nature is currently working with Stantec to develop Construction Documents and will provide Construction Administration Services for this project. The original ILP project displaced an important east-west campus bike lane corridor. Students continue to ride bikes through a pedestrian mall as the re-routed path takes riders into vehicular traffic areas along a circuitous route. To solve the problem the design team is working with a campus Architect to create two bicycle round-abouts and a new bike path through an existing landscape area. The project is renovating existing recycled water irrigation and planting beds to improve campus safety.

San Ricardo Well, Goleta, California - Landscape Architect
True Nature developed the Conceptual Landscape Design plans, Construction Documents, and provided Construction Administration Services for this municipal water district site renovation project. The well site was in need of an infrastructure upgrade, which included new pumps, solar, and pipe infrastructure.

D. Subconsultant Experience & Expertise

Earth Systems

Firm Profile
The geotechnical engineering consultant will be Earth Systems Pacific (Earth Systems). Earth Systems is a professional consulting firm with services that encompass geotechnical engineering, engineering geology, environmental assessment, construction monitoring, and materials testing and special inspection. Earth Systems, Inc. was founded as a California corporation in 1969, with its original offices in Palo Alto and Ventura, California. Earth Systems Pacific, a subsidiary of Earth Systems, Inc., was established as a California corporation in 1999. Their staff consists of 135+ registered geotechnical engineers, professional civil engineers, certified engineering geologists, soil technicians, special inspectors, and laboratory technicians, augmented by drilling, drafting, and support personnel.

With over half a century of experience in Santa Barbara County, a local office in Santa Barbara and nearby offices in Ventura, Santa Maria, and San Luis Obispo, Earth Systems' expert staff have a deep understanding of the local soil, groundwater, and geologic conditions. They are familiar with the requirements pertaining to Santa Barbara Metropolitan Transit (SBMTD) projects as well as use of and documentation for Federally funded construction.

Legal Name:	Earth Systems
Legal Form of Company	Corporation
State of Incorporation	California
Years in Business	56 years
Company Address:	115 West Canon Perdido Street Santa Barbara, CA 93103
Contact:	Tony Mazzei, PE, GE 805-642-6727 tmazzei@earthsystems.com
Registration	Registered Professional Engineer (Geotechnical) State of California, 2009 (No. 2823) Registered Professional Engineer (Civil) State of California, 2005 (No. 67802)

Thousand Oaks Bus Wash, Thousand Oaks, California

Anthony P. Mazzei

PE, GE

Geotechnical Engineer

Earth Systems – 40 years experience

Education: Master of Science, Geotechnical Engineering, Arizona State University; Bachelor of Science, Civil Engineering, University of Pittsburgh

Registrations: Registered Professional Engineer (Geotechnical) State of California, 2009 (No. 2823) Registered Professional Engineer (Civil) State of California, 2005 (No. 67802)

A registered civil and geotechnical engineer with 40 years of experience, Anthony Mazzei is a principal geotechnical engineer with Earth Systems Pacific. Mr. Mazzei will be responsible for coordination with the client, oversight of the field services. Mr. Mazzei has extensive experience with transportation projects and has been the supervising geotechnical engineer for many projects in the Santa Barbara County region. He is well known and respected for his extensive knowledge of geotechnical conditions in the area, as well as his understanding of both the geotechnical engineering and materials testing/inspection aspects of project construction. Mr. Mazzei is a Registered Professional Civil and Geotechnical Engineer in the State of California, and a Registered Civil Engineer in Arizona. Mr. Mazzei received a Bachelor of Science degree in civil engineering from the University of Pittsburgh, and a Master of Science degree in geotechnical engineering from Arizona State University.

Santa Barbara MTD On-Call Architectural and Engineering Services, Santa Barbara, CA | Geotechnical Engineer
Earth Systems is working with Santa Barbara MTD to provide geotechnical engineering services for projects at their facilities.

Goleta Train Station, Goleta, CA | Geotechnical Engineer
Earth Systems has been providing materials testing and special inspection services for the Goleta Train Depot project. The new multi-modal train station will be approximately 9,000 square feet in size and will provide a permanent, enclosed, and safe structure for AMTRAK passengers.

Thousand Oaks Bus Wash, Thousand Oaks, CA | Geotechnical Engineer
Earth Systems was retained to prepare an updated geotechnical engineering report for the construction of a new bus wash facility within the Thousand Oaks Municipal Service Center for the purposes of providing updated seismic design parameters and grading/foundation recommendations. The proposed bus wash facility will have a new open-air vehicle wash pad and a new covered vehicle wash building which will house a gantry wash, a drive-thru wash, and a wash equipment room. The site plan includes additional parking spaces and electric vehicle charging stations.

Santa Barbara County Regional Fire Communication Facility, Santa Barbara, CA | Geotechnical Engineer
Earth Systems was retained by the County of Santa Barbara to conduct an engineering geology and geotechnical engineering study for a proposed addition to their regional fire communication facility, which lies to the west of the Santa Barbara County Office of Emergency Management on Cathedral Oaks Boulevard in Santa Barbara, California. The addition was a wood-frame structure with shear walls, possibly steel moment frames, with a slab-on-grade floor system. Appurtenant construction included a parking lot expansion, improved site lighting, a security gate, a solar field, additional parking areas, and expansion of an existing detention basin. Earth Systems developed geotechnical recommendations for grading, design parameters for both conventional and drilled pier foundations, slabs-on-grade, retaining walls, and pavement sections.

D. Subconsultant Experience & Expertise

Jacobus & Yuang

Firm Profile
Jacobus & Yuang, Inc. (JYI) was founded in 1993 in response to a perceived need for professional cost consulting. The firm has a team of successful individuals with a track record of producing accurate estimates, delivered on time. JYI has a formal association with Sierra West Group, Inc. (SWGI). JYI researches and updates the SWGI database through constant market monitoring, to assist in publishing these Industry Renowned Cost Manuals on an annual basis.

This research enables the firm to maintain a current pulse in pricing, and to have ongoing relationships with key contractors and suppliers in the industry. Jacobus & Yuang, Inc. is further multi-disciplinary in nature with full in-house capability in all disciplines, including mechanical and electrical trades, and our work products are presented via a single source to respond to all multi-trade issues. This multi-disciplinary nature provides the user with confidence that a project will be viewed as a whole, compared to estimates being produced without the team approach. Our estimates are presented in logical industry standard formats, or in custom formats to suit our clients' needs.

The Firm has extensive experience in estimating a multitude of diverse projects through an excellent track record of producing accurate estimates, and this is maintained through precise quantity takeoffs, up-to-date unit costs and constant monitoring of market conditions and similar issues driving the bidding climate. The Firm also provide Quantity Surveying, Value Engineering, Change Order review and Constructability Review services to suit our client's needs.

Legal Name:	Jacobus & Yuang, Inc.
Legal Form of Company	Corporation
State of Incorporation	California
Years in Business	32 years
Company Address:	330 North Lantana Stree Suite 28, 220 Camarillo, CA 93010
Contact:	Cobus Malan 213-688-1341 cobusm@jyiestimate.com

OCTA Fuel Bay Repairs, Irvine, California

Cobus Malan

Cost Estimator

Jacobus & Yuang – 45 years experience

Education: Bachelor of Science, Quantity Surveying

Registrations: N/A

Cobus has acquired at least 44 years in-depth diverse construction costing experience in all aspects of work, from the perspective of professional Quantity Surveyor and estimating practice, as well as working with general contractors, design professionals, design build contractors and developers. In capacity as Quantity Surveyor, Cobus uses his diverse experience in applying first principals to construction cost estimating, by paying particular attention to the multi-trade detailed cost consequential aspects of a project.

Santa Barbara MTD On-Call Architectural and Engineering Services, Santa Barbara, CA | Cost Estimator
JYI Estimate is working with Santa Barbara MTD to provide geotechnical engineering services for projects at their facilities.

OCTA – Mechanical Unit Replacement at Santa Ana, Santa Ana, CA | Principal Cost Estimator
Prepared a 100% Construction Documents Cost Estimate for 137,840 SF Buildings mechanical unit replacement. Estimated Construction Cost is $6.6 million

OCTA – Building Repairs at Irvine Construction Circle Bus Base, Orange, CA | Principal Cost Estimator
Prepared Construction Documents Cost Estimate for 4,538 SF OCTA Fuel Building Repairs. Estimated Construction Cost is $728,665

OCTA – Transit Security & Operations Center (TSOC), Anaheim, CA | Principal Cost Estimator
Prepared Design Development Cost Estimate through 100% Construction Documents Cost Estimate for 11,844 SF Off Site; 102,138 SF On Site; and 29,280 SF TSOC Building. Estimated Construction Cost is $50 million

OCTA – ADA Access Improvements and Pavement Replacement Project at Fullerton Park & Ride, Fullerton, CA | Principal Cost Estimator
Prepared Schematic Design Opinion of Cost through 100% Construction Documents Cost Estimate for 73,974 SF ADA Improvements and Pavement Replacement. Estimated Construction Cost is $912,633

OCTA – Lighting Replacement at Golden West Transportation Center, Huntington Beach, CA | Principal Cost Estimator
Prepared Schematic Design Opinion of Cost through 100% Construction Documents Cost Estimate to Reuse of 38 Existing Anchor Bolts. Estimated Construction Cost is $792,080

OCTA – Fullerton Transportation Center Revitalization, Fullerton, CA | Principal Cost Estimator
Prepared Schematic Design Opinion of Cost through 100% Construction Documents Cost Estimate for 4,874 SF Fullerton Transportation Center. Estimated Construction Cost is $495,919

OCTA Fullerton Park & Ride Restroom Improvements, Fullerton, CA | Principal Cost Estimator
Prepared Schematic Design Opinion of Cost through Plan Check Resubmittal Documents Cost Estimate for 392 SF West Toilet Area – Phase 1 Restroom Improvements; 392 SF East Toilet Area

E.

Work Plan

Approach to the Scope of Work

Stantec's Approach to On-Call Contracts
We care about you and your facilities. Your projects, regardless of what it is or how large or small it might be, are critical to keeping the SBMTD service on the street. We won't let a small project be displaced to the bottom of our team's priorities. We are capable of delivering projects over $100 million in construction value with our California based team. Yet, we are also delivering our design work for projects less than $50,000 in construction value with some of our other on-call projects with other transit agencies. Our involvement in this contract could be as small as troubleshooting an issue or a peer review that lasts for a few weeks or an entire new building project involving a number of consultants and multiple years of coordination. We're ready for any type of task and we hope to continue to earn your trust in the process. Our commitment is to continue building on the long-term relationship with you and deep knowledge of your facilities. Our strength doesn't rest on finding a 'warm body' to work on your project, but rather a devoted focus on SBMTD's projects and quality staff who share that same commitment.

The team we bring to you are subject matter experts in programming, planning, designing, and engineering transit maintenance & operations facilities, train/bus stations, fueling stations, transit operations centers, and more. Our team already has extensive experience working with you on your facility projects of all shapes and sizes. As we've shown with our current and past projects with you, there's nearly no scope of services that Stantec can't provide.

Plan for Utilizing DBE and SBE Subconsultants
We have included DBE and SBE subconsultants as a part of the team. They are firms and individuals that we have worked with before and are trusted partners. When a task order request is issued, we will inform these subconsultants if they are interested in performing the services and have the capacity to deliver. If the consultant has the expertise to provide the services but is limited with the capacity to deliver the project, Stantec will supplement their capacity. Likewise, Stantec will strategically engage the DBE and/ or SBE team members to provide competitive pricing for the Task orders. If SBMTD has a desired DBE/SBE goal for this contract, Stantec will work with the District to achieve that goal.

Approach to Task orders
For Stantec to be the most valuable consultant to Santa Barbara MTD, our team needs very broad and diverse expertise. Our team's portfolio demonstrates the depth and sophistication of design solutions and services we have performed for transit agencies and civic clients across California and North America. The Stantec team is focused intently on quality and not just quantity. The following explains our process to deliver this consistent level of quality.

Regardless of the scope of the task order, the steps of the process fall into a general framework of services. This framework also captures the scopes of services that have been identified in the task order. We refer to this framework as a Building Performance Loop within our design process.

- Define performance and identify key performance metrics
- Develop performance baselines and targets
- Create design strategies to meet performance targets
- Analyze strategies to influence design and track performance
- Integrate strategies into final design and construction
- Engage users and client to understand and participate in the built solution
- Track measured data during operation
- Share case studies and lessons learned

With this building performance loop at the core of our Team's decision making and service activities, we are able to focus our attention at the right time to the right issues. Each of the specific disciplines/consultants on our team will have a role that is defined by the scope of work set by whatever services by the task order. Stantec will designate the responsibility to each team member accordingly to deliver the design process and its outcomes through our Project Manager. Coordination of all disciplines will be the responsibility of Stantec. At times, the scope of work for the design team will be straightforward and entail little cross discipline coordination. Other task orders will entail a multi-discipline A&E team delivering a complex project. Stantec's Project Manager knows when to step in and lead as well as when to step out of the way and let the design team do what they do best. We will consistently oversee the work to ensure it meets the quality that we promise to SBMTD, but our efforts will not be unnecessarily bureaucratic either. Our project management scope and efforts will be right-sized to the task at hand.

Task Orders Could Involve Any or All of the Following Tasks:

Feasibility Studies/Project Definition
Once the project goals and objectives are established, the design discovery phase begins, during which key decisions are made that shape the project's outcome. Depending on the scope, this may involve assessing current conditions, reviewing testing results, and brainstorming solutions, or conducting more intensive efforts such as site selection or master planning for a new facility, which includes design charrettes, zoning and land use due diligence, traffic studies, CEQA/NEPA approvals, and geotechnical and hazardous materials evaluations. Alongside internal programming, this phase also incorporates community and stakeholder engagement per SBMTD's outreach guidance, aiming to build consensus through direct interaction. Due diligence will be performed by reviewing existing site surveys, utility data, environmental reports, easements, and regulatory constraints, with additional studies authorized as needed by SBMTD and Stantec.

Site Planning
As part of a feasibility study or an early project evaluation process, we will work with SBMTD to develop a site master plan for the project to determine the suitability of the site in physical size and capacity, as well as utility, traffic, access and constructability issues. In a relatively quick process, we can evaluate a site's potential to meet the proposed program, review setbacks and building height requirements from the Planning Code, evaluate utilities and traffic issues.

Program Development/Verification
Before beginning a project, it's essential to define the final destination—what the design solution must achieve—through a process known as programming, which outlines both qualitative and quantitative goals and serves as the design team's roadmap. Whether creating a new program or validating an existing one, the Stantec team ensures its quality by engaging key stakeholders through questionnaires and interviews to identify space needs, performance criteria, and critical issues. Unlike standard approaches, Stantec avoids assumptions and tailors each design to the client's unique needs. Success is measured by factors such as budget, safety, energy efficiency, low maintenance, workplace quality, land use, system integration, environmental impact, and political considerations. The team also determines space sizes, connections, equipment requirements, aesthetics, and user experience for both public and private users, documenting all findings in a comprehensive Program Report.

Conceptual Design and Schematic Design
Once the project's success metrics and requirements are defined through the Program, the design team begins developing solutions, starting with a creative brainstorming workshop that brings together architects, engineers, landscape architects, and cost estimators to explore ideas. After the program document is reviewed and finalized, a 2–3 day interactive design charrette is held, allowing client and stakeholder participation in shaping the design direction through real-time feedback and collaboration. The charrette presents multiple design options to refine preferences and establish a strong design path. This collaborative environment fosters innovation and synergy, with client involvement being crucial to successful outcomes. Following the charrette, design development continues through bi-weekly team meetings and regular reviews with SBMTD representatives to maintain consensus and guide decision-making, culminating in presentations to relevant boards and stakeholders.

Scoping Documents–Design Build
Once the concept design is finalized, our team prepares Scoping or Bridging Documents to clearly communicate design intent for procurement, especially if a Design Build delivery method is chosen. These documents—comprising detailed drawings and narratives—ensure a fair bidding process while allowing market creativity to influence budget and schedule. Critical systems such as space planning, equipment layout, utility design, and aesthetics are often developed beyond the 30% level to preserve quality, while flexible elements like structural engineering or interior furnishings may be left open to bidder interpretation. These decisions align with the programming scope, which defines project priorities and requirements. The design team's continued involvement during construction is essential to maintain project integrity, leveraging their institutional knowledge to guide final decisions and ensure proper coordination. Their impartial oversight helps prevent cost-driven compromises that could undermine the design intent. With extensive experience in Design Build delivery from both design and builder perspectives, our team is committed to achieving the highest quality outcomes.

Design/Construction Documents
Once the design intent is established through Conceptual and Schematic Design, the project moves into Design Development and Final Design, allowing early-stage insights to inform the documents prepared for bidding. This phase includes two distinct stages, each with specific decision-making implications. Design Development, typically reaching 60% completion, focuses on finalizing engineering coordination and locking in major decisions made during Schematic Design, such as building massing, materials, site plans, and system configurations. The final stage—Construction Documents—prepares the project for permitting and bidding. These documents provide comprehensive details needed for bidders to accurately quantify and qualify their scope of work. Minimal design changes occur during this phase, as the focus shifts to documenting and specifying project components. The goal is to produce a clear, coordinated set of documents that minimizes change orders, requests for information, and misinterpretations, ensuring a smooth and efficient construction process.

Development of Specifications
Included within the contract documents are the specifications, or what is referred to as the project manual. The project manual will include CSI formatted specifications for all relevant sections within the 50 construction divisions. Front end specifications for General Requirements and Project Controls can be authored in a collaborative manner with SBMTD or integrated into the project manual as an owner provided deliverable. In either case, extensive coordination with SBMTD and the design team needs to occur in the preparation of the front end specifications. Additional reports and data are included in the project manual such as Site Survey and Geotechnical Report, Sustainability Reports, EIR, Owner's Project Requirements and Basis of Design for LEED Certification, official project forms to be used for administration of the project.

Preparation of Bid Documents
Once Construction Documents, Specifications and Permits are complete, the Stantec Team will work with SBMTD to package the documents for release for bidding.

Bidding Assistance
During the bidding process, the Stantec Team will support the construction manager by participating in the Pre-Bid Conference, reviewing and responding to Requests for Clarifications, issuance of Addenda and assistance with bid evaluation and analysis.

Design Support During Construction
During construction, the design team plays a critical role in ensuring the project is executed according to the established design intent and specified quality standards. In Design Build projects, this includes overseeing the continued development of the design, leveraging the institutional knowledge gained throughout earlier phases. Stantec leads construction support services with senior architects and engineering leads conducting bi-weekly site visits aligned with Owner Architect Contractor (OAC) meetings. Each visit results in a field observation report documenting progress and identifying deficiencies. Discipline-specific consultants also conduct site visits at key stages, submitting their reports through Stantec for inclusion in the overall documentation. As construction progresses, Stantec responds to Requests for Information (RFIs) from the GC, providing clarifications and interpretations to maintain design integrity. The team also reviews shop drawings and submittals—including material samples, product literature, and substitution requests—for compliance with the construction schedule. At Substantial Completion, Stantec conducts a punch list walk-through to identify outstanding work before approving Final Completion and the Final Pay Application. This comprehensive oversight ensures quality control and alignment with project goals throughout the construction phase.

Sustainable Design
Integral to Stantec's design process, sustainable design is carried forward from the project initiation. As a part of the Programming task, we will determine with SBMTD the proper benchmarks, e.g., the desired certification level, and develop the project checklist. Throughout the design process, the checklist will be updated and reviewed during all decision-making efforts. Stantec can also assist SBMTD in the certification process if applicable. This can include integrating the required sustainable construction process in the project specifications, along with required commissioning, so that the construction contractor is required to achieve compliance with the required measures.

Landscape Architecture and Irrigation Design
These services include but are not limited to the development of revegetation plans, erosion control plans, planting, irrigation, construction and maintenance plans, specifications, and estimates for transit stations, habitat restoration, and other transportation related facilities. Services include art design, providing art concepts, sketches, visual aids, and drawings to complement landscape architecture design.

Surveying
It is anticipated that the scope of work for task orders requiring surveying services will involve a variety of survey methods and safety considerations and must be provided in accordance with state and local regulations. SBMTD requires a consultant that is familiar with these requirements, is experienced and flexible, and able to provide quality, timely service to meet the needs of upcoming projects.

Commissioning
As required by the LEED certification process and by the State of California code, the Stantec Team will provide project commissioning for required building systems. Generally provided through a third party, commissioning services will consist of testing, calibration and monitoring of building systems to assure compliance with the specified performance of those systems. Commissioning will occur after installation but prior to final hand over of the building.

Condition Assessments
These services include condition assessments investigation, analysis, and recommendation(s) for repair/ replacement of existing building envelope components including, but not limited to, structures, foundations, roofs, windows, doors, gutters, and sidings. Condition assessments will include determining asset ratings in accordance with the Federal Transit Agency's Transit Economic Requirement Model (TERM) scale: 1-Poor, 2-Marginal, 3-Adequate, 4-Good, 5-Excellent.

Life-Cycle Cost Estimating
To occur during the project design phases, the Stantec Team will perform life cycle cost analysis of the various building systems in order to make value-based decisions on systems for the building. When coupled with Value Engineering, the design team, SBMTD and construction manager can make informed decisions that are based upon the true long-term cost of a system and not just on a first cost basis. Value Engineering and Life Cycle Cost evaluation are tools to be utilized early in the design process to best evaluate and determine the most cost-effective solution. Often, this process comes into play way too late to inform design decisions, but rather is used as a way to cut project costs to meet a budget. At Stantec, we work with our Engineering and Cost Estimating disciplines/consultants to develop systems budgets starting at the Concept Design phase, ie: site development and utilities, building envelope, building structure, building HVAC and lighting, etc. as a technique to develop integrated cross disciplinary budgets for the entire project. As you can imagine, decisions about one system, ie: the R value for the building envelope, has a direct impact on another system, ie: the HVAC system performance. These budgets are then reviewed, evaluated and updated at each critical decision making milestone or phase throughout the project. Client input and participation in this process is critical as decisions made during design impact the long term maintenance, energy and water consumption cost for years into the future.

Constructability Reviews and Plan Checking
In collaboration with the construction manager, we will perform a constructability review of our proposed design and its building systems. With a critical eye towards the construction process, we will look at alternative means and methods to achieve the design intent. These critical reviews often result in alternative design details that may be more cost effective or save time and materials while achieving the same desired design intent. This review needs to occur as early in the design process as possible to effectively impact the design detailing and selection of building systems.

Geotechnical Engineering and Geology
Understanding the current conditions at SBMTD's facilities, we have included our trusted Geotechnical Engineering partners from Earth Systems. Earth Systems is an expert in researching and understanding the geologic conditions in Santa Barbara county. They will perform field drilling and borings, prepare foundation reports, pavement recommendations, soils reports, log of test borings, evaluating and making recommendations for design parameters based on the conditions encountered.

Environmental Compliance
Stantec is a recognized leader in CEQA and NEPA compliance for transportation projects across California, particularly in bus transit, rail, and highway sectors. The team actively prepares a full range of environmental documentation—including CEs, IS/MNDs, EAs/FONSIs, EIRs, and EISs—while adhering to Caltrans' Standard Environmental Reference and FTA guidelines. Stantec also manages mitigation monitoring and environmental commitment documentation, ensuring timely implementation. With direct access to transit and highway engineers, the team efficiently resolves project issues and develops mitigation measures, design features, and BMPs that can reduce costs and accelerate schedules. Their strong relationships with agency and regulatory staff further streamline permit processing by anticipating and addressing key issues early in the submittal process.

Permits/Notices
Stantec's staff are highly experienced in preparing and processing a wide range of project permits, with CEQA/NEPA planners well-versed in environmental document notification requirements such as NOI, NOA, NOD, FONSI, and ROD, ensuring timely and accurate inclusion in the project's administrative record. Their biological resources team regularly handles federal and state ESA permits—including 2081, 10(a)(1)(B), and Section 7 Consultation—and prepares BAs, BOs, and HCPs. They also manage Clean Water Act permits like Section 1600, 401, and 404, and conduct jurisdictional delineations for "waters of the state" and "waters of the U.S." Additionally, Stantec's planners are skilled in Coastal Development Permits, Federal Coastal Consistency Certifications, Coast Guard Bridge Permits, and Right-of-Entry Agreements. Complementing this expertise, Stantec's cultural resources team—including archaeologists and architectural historians—specializes in AB52 Native American consultation and SHPO consultation under Section 106 of the NHPA. Their deep familiarity with agency staff and thorough preparation of reports and permits enhances the likelihood of reducing processing timelines and accelerating project delivery for clients like North County Transit District.

Visual Aesthetics
These services include but are not limited to assessing potential visual impacts due to the proposed project according to the process framework established by CEQA and NEPA. Services include developing recommendations for ensuring aesthetically pleasing surroundings. These services include the preparation of visual simulations, analysis of impacts to views, view corridor s and obstruction of sight lines, developing reports, mitigation alternatives and recommendations.

Task Order Development and Procedures

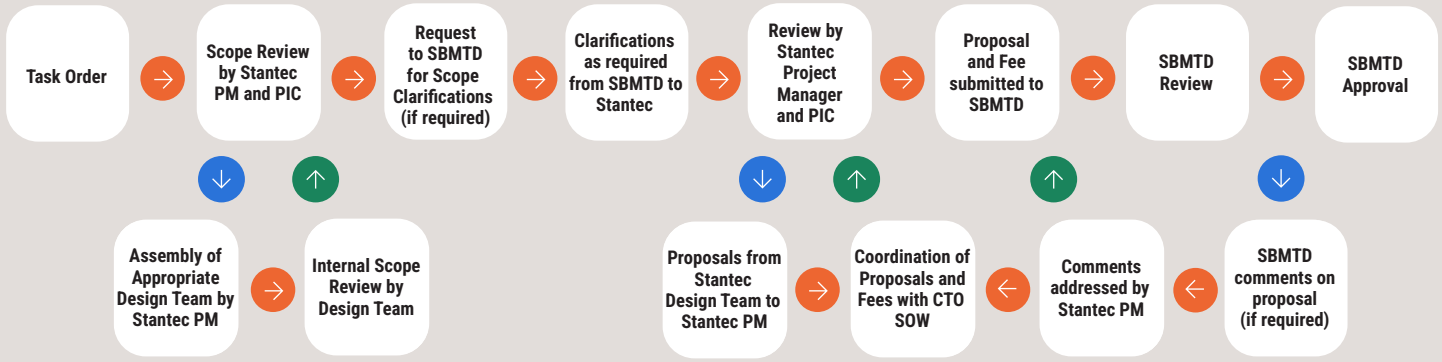
Upon receipt of a Task Order from SBMTD, Stantec's Project Manager, Will Todd, will immediately employ our Project Definition process, as diagrammed below. Thoroughly understanding the scope, objectives, schedule, and budget of the task is critical to determining the appropriate path to success. The scope of the task will first be reviewed by our Project Manager, Will Todd, and then assigned to the appropriate team within Stantec and our subconsultants. The team will review the scope, ask questions of SBMTD if needed, tour the project site to see firsthand the issues involved, refine the scope, and then prepare a detailed proposal to SBMTD for review that includes level of effort, staffing, schedule, and estimated cost of the services to be provided. This will be reviewed in detail with SBMTD and adjustments made as necessary to align with the project objectives. Stantec employs this process on all of our on-call contracts. It is a tried and true process that minimizes scope gaps and aligns our proposal for the work to the objectives of each task order.

The nature of On-Call contracts is that there will never be any two Task Orders that are the same. The tasks could range from a feasibility study for some component of your facilities, to the design of a new building to accommodate the District's growth or to replace aging facilities. That is why the Task Order process, diagrammed above, is critical to defining the scope and objectives of the task prior to starting the work.

To ensure consistency and quality, Stantec utilizes a standardized internal checklist and proposal template tailored to SBMTD's requirements. This includes a breakdown of anticipated deliverables, key milestones, risk assessments, and QA/QC protocols. Our team collaborates closely with subconsultants to integrate their input early in the proposal development, ensuring a unified and comprehensive response. Each proposal undergoes internal peer review to validate technical accuracy and alignment with SBMTD's expectations before submission.

Once the proposal is finalized and approved internally, it is submitted to SBMTD for review. Stantec's Project Manager, Will Todd, remains the primary point of contact throughout the review and negotiation process, facilitating any necessary revisions and clarifications. This responsive and transparent approach makes sure that each Task Order Proposal is not only technically sound but also reflects a shared understanding of the project's goals, constraints, and success criteria.

Task Order Work Flow



Task Order Management Plan and Procedures

Meeting Schedules on Similar Projects

Stantec has an exemplary record in meeting project schedules on similar projects through On-Call contracts. We are accustomed to working on public projects with tight deadlines and with multiple team members. We utilize Newforma for document control that allows us to keep our team communications and milestone deliverables organized and easily accessible. We also check in regularly with our clients to let them know the progress of the project. If we feel the deadline set by the client is unattainable, we will communicate with our client to see if there is any room for the schedule to be adjusted. The lines of communication are always open. We understand the importance of providing SBMTD with a schedule and detailed work plan for each task/project. Once we are given the opportunity to work on a project, we are confident that we can deliver the work with a schedule that meets your needs.

Quality Control

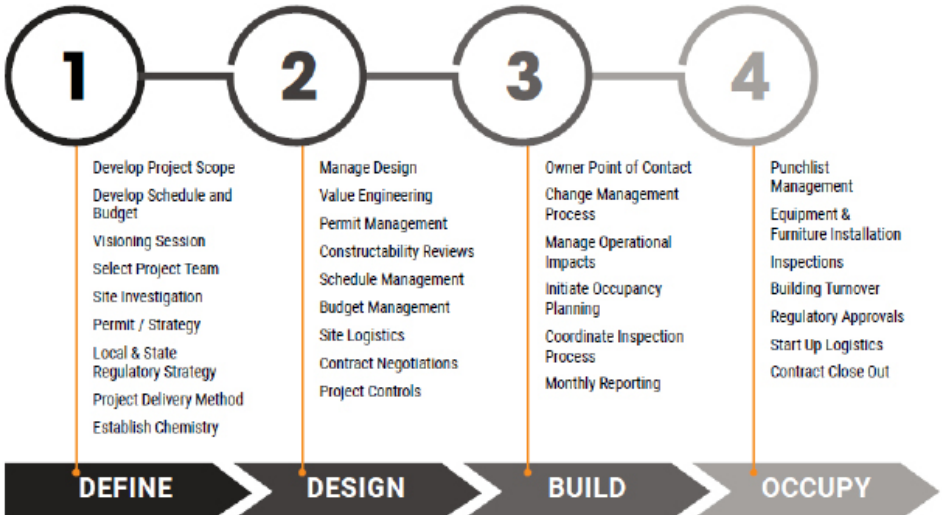
To maintain quality and consistency throughout the project, Stantec applies a structured internal quality control (QC) process alongside any necessary third-party constructability reviews. Each milestone undergoes a tailored QC review based on the document detail level at that phase. The process begins with a technical check by the Internal Lead—typically the Project Architect or Engineer—who steps back to assess the quality and coordination of their discipline's work. This is followed by a Level 1 QC Review, conducted by a Senior Technical Lead (usually a Principal-level reviewer) familiar with the project, who provides a second layer of scrutiny before milestone submittals. This pause in design evolution helps confirm alignment with program requirements and prevents missteps.

Next, a Level 2 QC Review—an interdisciplinary "round-robin" session—brings together Senior Technical Leads from each discipline to cross-review each other's documents, fostering coordination and catching inconsistencies. Finally, the Level 3 QC Review is led by Principals in Charge who, while not involved in daily design tasks, are deeply familiar with the project's goals and decisions. They verify that the final documents reflect the program requirements, incorporate best practices, and contain sufficient detail to support a successful bid. Once all corrections are addressed, the documents are stamped, signed, and ready for construction bidding.

Budget Control

Budget Control is a continuous process. We start our budget control the day we receive the task order. Before we start designing/engineering, we will review with you the project budget. We will work with you to validate the project budget with the project scope. Most importantly, we will work with you to minimize the impact of the desired project scope should the budget is constrained. This process will minimize over-designing or over-engineering efforts.

We will provide probable construction cost estimates at each design milestone that will be provided by our cost estimate consultants. They have in depth knowledge of the trends of the industry as well as material and labor market conditions. This long-standing experience provides SBMTD with the confidence that recommended probable construction cost estimates portray the cost of the work with the current market conditions.



Project Meetings
Coordinate with Agency Staff through scheduled progress meetings, typically every two weeks, and participate in discussions or teleconferences as needed. Prepare agendas and conduct bi-weekly status meetings, then distribute meeting notes within three workdays for review. All meeting documentation and project materials will be accessible to potential proposers for future phases. Field or office meetings will be attended by up to two Stantec staff, including the PM and/or one key subconsultant.

Project Progress Reports
Submit monthly reports to the Agency Project Manager including: scope-related issues, a milestone-based progress schedule, key activities from the previous and upcoming periods, unusual events affecting scope, schedule, or budget, and a risk report with mitigation suggestions.

Project Schedules
Prepare and update schedules identifying key milestones and decision points, with Agency concurrence before major activities. Monitor task activities, deadlines, and required disciplines. Provide a Staffing Resource and Cost Schedule showing staff assignments, timelines, and monthly/cumulative design costs.

Design Review Meetings at Designation Completion Stages
At each design benchmark, Stantec will present the design approach, key features, constructability issues, estimating assumptions, and regulatory constraints at SBMTD offices. Meeting notes will be recorded and shared. Presentations will include current project documents such as plans, specs, estimates, field data, calculations, OEM literature, and schedules, delivered in MS Word, Excel, PowerPoint, or PDF formats. The Design Review meetings shall be attended by Stantec's Project Manager, and may include one or two member(s) of key members and/or subconsultants of the project team. Agency participants may include broad members from various departments and may include third-party consultants as well.

Project Budget & Expenditures
Stantec will report actual and planned expenditures, compare them with progress reports, and propose solutions to address discrepancies. The Agency Project Manager will be notified in writing when 80% of any line item budget is spent—this notification will occur at the time of accrual, not invoice submission.

Monthly Invoices
Invoices will align with monthly progress reports and be submitted within one month of the cut-off date, including subconsultants and direct costs. Each invoice will include a brief narrative and task index, with consistent activity identification across documents. Project Management hours will be billed under the appropriate task, with subtotals, markups, and total costs. Invoices will show total billed to date, remaining contract amount, and forecasted accruals.

Stantec's PM Framework

00. Prepare proposal, including a preliminary Project Plan with scope, budget, resources, deliverables, and schedule. Conduct and document an independent review of the final proposal.

01. Obtain written instructions to proceed and execute an approved written contract. Obtain written subconsultant agreements.

02. Prepare Project Plan with appropriate level of detail. Conduct/document independent review.

03. Establish hard copy and/or electronic project record directories. File project records.

04. Complete a Health, Safety & Environment (HSE) risk management assessment, document all projects involving field work.

05. Monitor the project management dashboard regularly. Follow best practices for managing project financials, including time, work in progress, accounts receivable, and estimates to complete.

06. Obtain client's written approval on scope of service changes in a timely manner.

07. Conduct and document a quality review of all final deliverables prior to issue.

08. Conduct and document an independent review of all final deliverables prior to issue.

09. Close off the project financials and close out the project files.

Quality Assurance System – Project Administration and Management
Stantec will manage the project throughout its duration. The project manager will coordinate deliverables with the client via regular discussions and formal meetings, initially bi-weekly. Scope refinement and detailed scheduling will be developed with SBMTD staff, and updates submitted regularly. Budget tracking will use the Budget Task Summary (BTS) spreadsheet, showing task progress, budget status, and variances. If a task risks exceeding budget, the project manager will consult with SBMTD to assess impacts and take corrective action.

Quality Control Procedures
Stantec will implement a Project Management Plan (PMP) and Quality Management Plan, shared with all team members. Staff are expected to maintain high-quality work, supported by training and process reviews. The project manager will lead efforts to manage design, construction, and closeout phases to meet SBMTD expectations. Stantec's ISO-certified Project Management Framework emphasizes planning, risk and quality management, structured QA processes, client feedback, and internal audits. Responsibilities and procedures for checking technical accuracy, correcting discrepancies, and accepting final deliverables will be clearly defined and reviewed by qualified personnel.

Project Quality Assurance Practices
The Stantec intranet database tool called 'PM Framework' will be applied for this project, which allows our project teams to access best practices, project templates, and process guidelines on a project-specific basis. The Project team is to follow the processes, templates, and checklists outlined in 'PM Framework', which are applicable to this project and take responsibility for compliance at the completion of each project phase. Prior to submission of deliverables, the Project Manager will also arrange and oversee multidisciplinary coordination sessions, as appropriate, to review all deliverables. All coordination issues are to be marked on relevant deliverables for correction by the appropriate design team members. All completed quality assurance and multidisciplinary coordination checklists are to be filed in the project records as they may need to be produced during routine internal practice audits.

Staffing
The team proposed by Stantec for this assignment provides the necessary managerial experience, technical expertise, staffing flexibility, global knowledge, and local presence required to complete this project in a cost effective and timely manner. We have included subconsultants GECE, True Nature Design, Earth Systems, and Jacobus & Yuang as our partners on this project to achieve the project goals and bring a diverse perspective to the project team. Will Todd will be leading our team as Project Manager, bringing over 18 years of diverse technical and managerial experience. His responsibilities will include day-to-day project management, coordination with SBMTD, subconsultant oversight, and ensuring the completion of a quality project.

F.

Work Samples

Santa Barbara MTD On-Call Architectural and Engineering Services

Client: Santa Barbara MTD

Dates: 2020-present

Contract: $2.08M+

Project Size: Varied

Stantec Scope: Programming, Master Planning, Architecture, Industrial Equipment, Fueling, Interior Design, MEP Engineering, Structural Engineering, Environmental Services, Technology, BEB Infrastructure

Stantec is working with Santa Barbara MTD to provide on-call architectural and engineering services for projects at their facilities. Projects include assessments, remodels, and new construction work. Task Orders to date:

TO-1 Geophysical Site Survey at Terminal 2 Facility: Site survey of the unused facility in Goleta to document existing conditions and create a current base map in which to begin new facility modification projects. Stantec Services: Project Management and Surveying

TO-2 Structural Evaluation of Terminal 2 Facility: Included assessment of existing wash building, bus parking canopies, and maintenance building to determine the structural capacity and suitability for rehabilitation. Stantec Services: Project Management and Structural Engineering

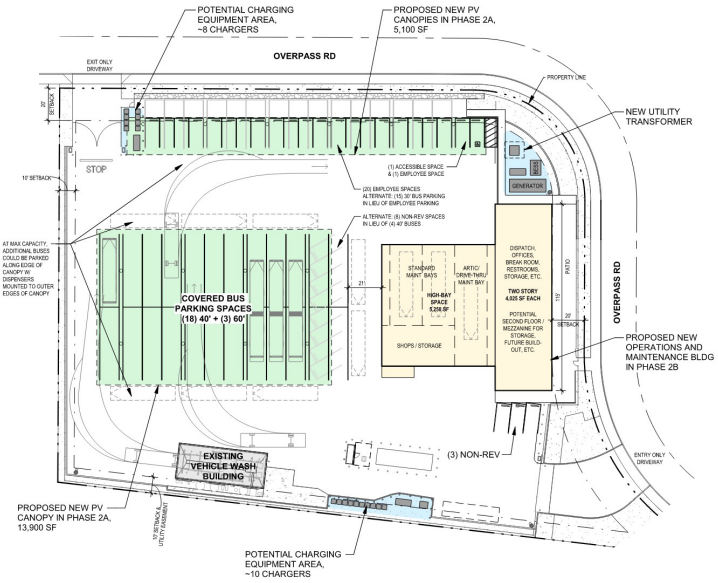
TO-3 Electric Bus Charger Installation and Site Improvements at Terminal 1: Project includes the installation of 14 battery electric bus chargers under an existing bus parking canopy, coordination with SCE, replacement of a bus exit gate and adjacent fencing, and minor site improvements in the work area. The project also includes design for flood mitigation measures for the electrical equipment due to the property being within a flood plain and environmental services for contaminated soils removal in the impacted area. Stantec Services: PM, Architecture; Electrical, Structural, Technology Engineering; Environmental Services; Consultant Services: Cost Estimating

TO-5 Recommissioning of Terminal 2 Facility: The Stantec design team provided construction documents for the first phase of the recommissioning of the Terminal 2 bus facility in Goleta. Facility improvements include minor improvements to the existing maintenance building, full rehab of the bus wash building, new diesel AST, new site and maintenance bay lighting, new perimeter fencing, landscape replacement and a new public sidewalk. The site improvements also include two new driveways align for safer bus access to the site and provide space for the future replacement of the maintenance building. During project close-out Stantec has also provided environmental services to develop a spill prevention and hazardous material business plan for SBMTD. Stantec Services: PM, Environmental, Architecture; Civil, Structural, Mechanical, Plumbing, Industrial, Fueling and Technology Engineering; Consultant Services: Electrical Engineering, Landscape Architecture, Geotechnical Engineering, and Cost Estimating

TO-6 Haley Street Canopy Bus Chargers at Terminal 1: Project includes DC fast and level 2 charging equipment design for up to 14 buses/micro-transit vehicles. The charging equipment has been designed to work within the available capacity of existing electrical switchgear. Stantec Services: PM, Architecture, Survey; Structural, Electrical, and Charging Equipment Engineering. Consultant Services: Cost Estimating

TO-8 NEPA CE Support Services for Terminal 2 Improvements: To support the phase 1 and 2 facility upgrades at Terminal 2, Stantec provided environmental services to submit a NEPA categorical exclusion to the FTA for the associated projects. Stantec Services: Project Management and Environmental

TO-9 Terminal 2 Phase 2 Improvements: Following the completion of the phase 1 improvements, the design of the phase 2 work is well underway to fully modernize Terminal 2. Project includes a new 13,000 sf maintenance and operations building, two photovoltaic canopies, a new chassis wash, and associated site improvements. Project also includes a microgrid, electrical infrastructure, and EV chargers for a fully electrified fleet and facility. Stantec Services: PM, Architecture; Civil, Structural, Mechanical, Plumbing, Industrial, Charging Equipment and Technology Engineering; Consultant Services: Electrical Engineering, Landscape Architecture, Geotechnical Engineering, and Cost Estimating



Santa Barbara MTD Facilities Master Plan and ZEB Rollout Plan

Client: Santa Barbara MTD

Dates: 2018-2024

Contract: FMP: $332k; ZEB Rollout Plan: $180K

Project Size: Varied

Stantec Scope: Master Planning, Architecture, Industrial Equipment, Fueling, Interior Design, MEP Engineering, Structural Engineering, Environmental Services, Technology, BEB Infrastructure

The Santa Barbara Metropolitan Transit District (SBMTD) is committed to achieving a fully zero-emission fleet by 2030, aligning with California Air Resources Board's (CARB) Innovative Clean Transit (ICT) regulation. To support this goal, SBMTD partnered with Stantec to develop a comprehensive Facilities Master Plan and Zero-Emission Bus (ZEB) Rollout Plan. These initiatives are designed to modernize transit infrastructure, integrate advanced technologies, and ensure operational readiness for a sustainable future. The master plan evaluates existing facilities, identifies constraints, and prioritizes improvements to accommodate the transition to battery-electric buses (BEBs).

Facilities Master Plan
The Facilities Master Plan focused on assessing SBMTD's key properties, including Terminal 1 on Olive Street and Terminal 2 in Goleta, as well as the downtown Transit Center. These facilities face space limitations and aging infrastructure, which pose challenges for accommodating new charging systems and expanded fleet operations. The plan outlines strategies to right-size facilities, improve workflows, and incorporate sustainable design principles. It also addresses capital and lifecycle costs, funding opportunities, and environmental considerations such as CEQA/NEPA screening. By aligning with SBMTD's strategic and short-range transit plans, the master plan ensures that facility upgrades support long-term operational efficiency and resilience.

ZEB Rollout Plan
The ZEB Rollout Plan provides a phased approach for transitioning SBMTD's fleet to 100% zero-emission buses. It includes technology analysis, power modeling, and charging infrastructure design to meet current and future operational needs. The plan emphasizes modular and scalable charging solutions, integration of renewable energy through photovoltaic canopies and battery storage, and microgrid development for resiliency. Construction phasing strategies are incorporated to minimize service disruptions during facility upgrades. This roadmap not only meets CARB and FTA compliance requirements but also positions SBMTD as a leader in sustainable transit operations across California.

Community and Environmental Impact
Transitioning to zero-emission buses will significantly reduce greenhouse gas emissions, improve air quality, and enhance public health by eliminating diesel exhaust pollutants. SBMTD's commitment to carbon-free transportation supports regional climate goals and demonstrates leadership in addressing climate change challenges. The combined efforts of the Facilities Master Plan and ZEB Rollout Plan will deliver cleaner, quieter, and more efficient transit services powered by renewable energy. These projects reflect SBMTD's dedication to sustainability, innovation, and community well-being, setting a benchmark for transit agencies nationwide.

Foothill Transit On-Call Architectural, Design, and Engineering Services

Client: Foothill Transit

Dates: 2014-present

Contract: $3M+

Project Size: Varied

Stantec Scope: Programming, Master Planning, Architecture, Industrial Equipment, Fueling, Interior Design, Landscape Architecture, MEP Engineering, Structural Engineering, Civil Engineering, Technology & Security, Lighting Design

The Stantec team has been providing Foothill Transit with on-call architectural and engineering services since 2014 through several contracts. The following summarizes all of the task orders executed between Stantec and Foothill Transit:

New Bus Shelters at S. Vincent Street: Design for two new custom transit shelters to replace existing off-the-shelf bus shelters at bus stops adjacent to Foothill Transit's headquarters in West Covina. The new shelters were designed to integrate architectural LED lighting that can be coordinated with the HQ building's lighting. The shelters were also designed to relate to the building's dynamic architectural shading elements and convey a feeling of permanence and modern transit amenities. Stantec Services: Project Management, Architecture, Interior Design; Consultant Services: Civil, Structural, Electrical, Cost Estimating

New Canopy for Fare Vaults at Arcadia Facility: A new canopy added to the east side of the Administration Building to cover a new fare vault location for the facility. The canopy was designed to match the existing architecture and provide sufficient shelter from the elements. The task order also included new lighting for the canopy and modifications to the existing curbs. Accessibility improvements included adding an accessible gate and path of travel from the public ROW. Stantec Services: Project Management and Architecture; Consultant Services: Structural, Civil, Electrical, Cost Estimating

New Fire Alarm System at Pomona Facility Fueling Building: Addition of fire alarm systems to the existing Fueling Building and upgrade of existing fire alarm panel for entire facility. Stantec Services: Project Management; Consultant Services: Electrical, Civil, Cost Estimating

Vehicle Lift Removal and Shop Floor Refinish at Arcadia and Pomona Facilities: Remove the existing in-ground vehicle lifts at the Arcadia and Pomona Facilities, patch and repair concrete slab and grade, and refinish the shop floors throughout with a high-performance resinous flooring system. Stantec Services: Project Management, Architecture, Specifications.

Curb Modifications at Pomona Transit Center: Design and CA services for modifications to two existing bus berths at the transit center to accommodate larger, 40 ft. long buses. Stantec Services: Project Management; Consultant Services: Civil Engineering

Interior and Exterior Improvements at Arcadia Facility: Design for new millwork and finishes for several break rooms, training rooms, and a supply room; new counters and windows at reception and dispatch; shading devices and improvements to the existing roll-out shelter; and exterior painting of entire facility. Accessibility improvements to several fixtures, toilet rooms, and showers; building and parking signage; and other misc. upgrades. Stantec Services: Project Management, Architecture, Interior Design; Consultant Services: Cost Estimating

Accessibility Assessment at Arcadia Facility: Stantec provided a full accessibility assessment for all buildings at the Arcadia Facility in order to determine code required upgrades due to other construction improvements at the facility above the federal valuation threshold requiring accessibility upgrades. The 20-year-old facility required minor upgrades throughout that were executed as part of TO-1 and TO-5. Stantec Services: Project Management, Architecture; Consultant Services: none

Administration Building Restroom Renovations: Replacement of existing multi-occupancy gender specific restrooms on four floors of the Administration Building with four single-occupancy, gender neutral restrooms. Stantec Services: Project Management, Architecture, Lighting Design; Consultant Services: MEP Engineering, Cost Estimating

Generator Replacement at Pomona Facility: Design for replacement of existing emergency back-up generator and misc. electrical upgrades associated with the generator replacement. Stantec Services: Project Management; Consultant Services: Electrical, Structural, Cost Estimating

HVAC and Roof Replacement at Arcadia Facility: Replacement of existing HVAC equipment and built-up roofing for the Administration and Maintenance Buildings completed in two phases. Project also included an initial HVAC assessment and structural evaluations of new equipment. Stantec Services: Project Management, Architecture; Consultant Services: Mechanical, Electrical, Structural, Cost Estimating.

Arcadia Facility Employee Parking Expansion: Parking lot expansion at the Arcadia O&M Facility into an undeveloped portion of Foothill's property along Peck Road. Stantec Services: Project Management, Landscape Architecture; Consultant Services: Civil, Geotechnical, Electrical, Cost Estimating

DTLA Layover Parking Lot Improvements: Refurbishment of existing parking lot in Downtown Los Angeles for Foothill Transit's use for layover parking. Improvements included minor re-grading, repaving and re-striping, and new/modified curb cuts for entry/exits. Stantec Services: Project Management; Consultant Services: Survey, Civil Engineering

Administration Building Interior Office Renovations: One sixth floor large office was divided into two smaller offices to house Foothill's expanded staff. Also, a third-floor office and storage room were redesigned their functions to move staff away from noisy HVAC equipment. In addition, the team also designed a renovation to the second-floor reception area to convert it into a large conference room and convert a third-floor conference room into two new offices. Stantec Services: Project Management, Architecture, Structural, Mechanical, Electrical, ICT Engineering; Consultant Services: Cost Estimating

Pomona Transit Store Remodel: A conceptual design was provided for a remodel of the Transit Store at the Pomona Transit Center. The design focused on creating a secure space for staff while still being able to serve the public and provide a better space for the call center function of Foothill Transit's customer service staff. Stantec Services: Project Management and Architecture

Arcadia Facility Quit Claim and Survey Support: Foothill Transit tasked Stantec to support their team with surveying and legal review support for an adjacent property quit claim. Stantec Services: Project Management and Surveying

Landscape Renovations at Pomona Facility: After 20+ years the landscape at the facility was in need a refresh. Stantec provided a modern and budget sensitive design to replace and renovate the majority of the landscape and irrigation at the facility. Stantec Services: Project Management and Landscape Architecture

Administration Building Exterior Lighting: Replacement of parking lot and building exterior lighting with modern, energy efficient LED lighting systems. Stantec Services: Project Management, Electrical, Lighting Design, Structural; Consultant Services: Cost Estimating

New Electrical Meter for Battery Electric Bus Charging at Arcadia Facility: Design for new metered switchgear for existing bus charging equipment to take advantage of reduced SCE rates for electric vehicle charging. Stantec Services: Project Management and Electrical; Consultant Services: Cost Estimating

Parking Lot Security Enhancements at Arcadia Facility: Site improvements to enclose the overflow parking lot at the facility with fencing, pilasters, and gates to match the perimeter of the main parking lot. The design includes new landscaping, lighting, and access control systems as well as security cameras. Stantec Services: Project Management, Architecture, Civil, Structural, Electrical, and ICT; Consultant Services: Cost Estimating

Steam Bay Lift Replacement at Pomona Facility: Equipment, structural, and electrical design to replace a non-functioning steam bay lift and refinish the entire steam bay. Stantec Services: Project Management, Architecture, Equipment, Structural, and Electrical; Consultant Services: Cost Estimating

Backup Power Evaluation at Administration Building: The Stantec team is supporting Foothill in trouble-shooting issues with the backup power system at the administration building. Stantec Services: Project Management, Electrical Engineering Wireless Access Point Infrastructure at Pomona and Arcadia Bus Facilities: Site infrastructure for new wireless access points at both facilities. Stantec Services: Project Management, Electrical Engineering; Consultant Services: Civil Engineering, Cost Estimating

AV Upgrades to Admin Building 6th Floor Conference Rooms: Tenant improvements to upgrade the AV infrastructure. Stantec Services: Project Management, Electrical and AV Engineering; Consultant Services: Cost Estimating

Restroom Renovation Concept Study at Pomona and Arcadia Bus Facilities: The Stantec team is assisting Foothill Transit with conceptual design services to explore options for converting all toilet and locker room facilities at both bus facilities into modern, gender-neutral restrooms. Stantec Services: Project Management and Architecture. Consultant Services: Cost Estimating

FCEB Gas Detection and HVAC System Upgrades at Arcadia Bus Facility: Scope entails the facility improvements to allow Foothill Transit to operate hydrogen fuel-cell electric buses within the existing facility. Stantec Services include project management, mechanical, electrical, structural, and gas detection system engineering.

Administration Building PV Feasibility Study: Stantec is providing a feasibility study to install photovoltaic canopies and a BESS at their office building in West Covina. Scope includes project management, architectural, electrical, structural, survey, geotechnical, landscape architecture services, and cost estimating.

SamTrans General Engineering Consultant Design Services for Various Projects

Client: SamTrans

Dates: 2023-present

Contract: $2M+

Project Size: Varied

Stantec Scope: Programming, Master Planning, Architecture, Industrial Equipment, Fueling, Interior Design, Landscape Architecture, MEP Engineering, Structural Engineering, Coastal/ Marine Engineering, Environmental Services

In 2023, Stantec was selected by the San Mateo County Transit District (SamTrans) as a key provider of On-Call General Engineering Consultant (GEC) Design Services for various capital projects.

Among the first task orders awarded to Stantec is the Regional Sea Level Rise Mitigation Alternative and North Base Erosion Control Feasibility Analysis. This assignment addresses urgent climate adaptation needs at SamTrans' North Base facility, a critical operations and maintenance hub located on the San Francisco Bay. Stantec's scope includes technical feasibility analysis, conceptual design, and cost estimating for both a perimeter levee and a regional tide gate barrier to protect against sea level rise and storm-driven flooding. In parallel, Stantec is leading a feasibility assessment and preliminary design for near-term erosion control measures, ensuring the facility's resilience until long-term solutions are implemented. The work is phased, with deliverables ranging from data collection and field investigations to 35% design documents and support for environmental permitting.

The second major task order is the New Headquarters Tenant Improvement (TI) Project, supporting SamTrans' relocation to a new 180,000-square-foot headquarters in Millbrae, CA. Stantec is providing full architectural and engineering design services to deliver 100% Issue for Construction (IFC) bid drawings and technical specifications for the Information, Communications & Technology (ICT) infrastructure and furniture design. The project encompasses IT/low voltage/security systems, space planning, and furniture selection, all coordinated with the base building architect and SamTrans' operational teams. The goal is to create a modern, flexible, and efficient workspace that supports the agency's evolving needs and DEI goals, with phased move-in and minimal disruption to ongoing operations.

Both task orders exemplify the flexibility and value of the GEC on-call model. Stantec's role spans project management, technical design, stakeholder engagement, and support for environmental compliance. The firm's multidisciplinary team brings deep experience in transit facility upgrades, climate adaptation, and workplace transformation, positioning SamTrans to address both immediate challenges and long-term strategic goals. Through these assignments, Stantec is helping the District advance critical infrastructure projects that enhance operational resilience, sustainability, and service delivery for the communities of San Mateo County.

OCTA On-Call Architectural and Engineering Services

Client: Orange County Transportation Authority

Dates: 2014-present

Contract: $1.4M+

Project Size: Varied

Stantec Scope: Programming, Master Planning, Architecture, Industrial Equipment, Fueling, Interior Design, Landscape Architecture, MEP Engineering, Structural Engineering, ICT & Security, Lighting Design

CTO-1 (2016 contract) - Hydrogen Fueling Station Infrastructure, Santa Ana, CA: Stantec provided engineering support services for the utility modifications required for a new hydrogen fueling station at OCTA's Santa Ana Bus Base. The scope of the work involved providing a new water line, communications line, and electrical service to the new fueling station. The team's main challenge involved coordinating with Southern California Edison (SCE) to tap into the existing heavily burdened electrical service to provide new electrical switchgear into a congested utility area. The team worked closely with SCE and OCTA's facilities management and engineering staff to coordinate and minimize impacts to the existing facility.

CTO-2 (2016 contract) - Fullerton Transportation Center Revitalization: Stantec provided design and construction support services to revitalize OCTA's downtown Fullerton Transportation Center. The project consists of repairing and repainting the two existing canopies, new decorative concrete paving at the passenger platform, new OCTA way-finding and monument signage, new site furnishings, and new LED, energy efficient light fixtures to enhance security and visibility. The project also consisted of accessibility improvements including the removal of old planters on the platform and tactile warnings at the platform edges and crosswalks to enhance the accessibility of the transit center.

CTO-3 (2016 contract) - Light Pole and Luminaire Replacement at Golden West Transportation Center. Huntington Beach, CA: In order to minimize site disruption and project costs, the Stantec design team provided and innovative approach to reusing the existing foundations as part of the scope of replacing light poles and associated luminaries in the parking lot and bus platform areas. The lighting design focused on energy efficiency while providing a civic presence to the public transit center.

CTO-4 (2016 contract) - Parking Lot Pavement Replacement at Fullerton Park and Ride. Fullerton, CA: The Stantec team replaced a portion of the parking lot pavement at the park and ride. The existing paving had deteriorated and needed to be replaced. The Stantec team worked with OCTA to maximize phasing and minimize impacts to the busy park and ride lot.

CTO-5 (2016 contract) - Accessibility Improvement and Parking Lot Pavement Replacement at Fullerton Park and Ride: The Stantec team explored multiple options for modernizing the accessible parking and path of travel to the transit center due to several deficiencies in the existing conditions. The team provided a solution that minimized impacts to the facility while bringing it up to current accessibility code requirements for parking, path of travel, and curb ramps from the public right-of-way. The project also included asphalt replacement of about one third of the park and ride lot.

CTO-1 (2020 contract) - Restroom Improvements at Fullerton Park and Ride: The restrooms at the Fullerton Park and Ride were in desperate need of a rejuvenation and did not match the improved aesthetic of the transit center provided under a separate project. The restrooms were heavily vandalized and abused so Stantec provided multiple design concepts to completely renovate the interior of the restrooms, focusing on durability and maintainability while also improving safety.

CTO-2 (2020 contract) - Fuel Building Repairs at Irvine Construction Circle Bus Base: Stantec has provided architectural and structural design scope to replace corroded metal cladding systems for the Fuel Building at the facility. The project also includes other small structural repairs and a complete repainting of the building with high performance architectural coatings.

CTO-3 (2020 contract) - HVAC Equipment Replacement at Santa Ana Bus Base: The Stantec team of architects, mechanical, electrical and structural engineers are providing design documents for new HVAC equipment.

CTO-4 (2020 contract) - Facility Modifications at Santa Ana Bus Base Operations Building: Scope entails replacement of interior finishes for dispatch and office areas, driver vestibule millwork replacement, and exterior sidewalk accessibility and drainage repairs.

Santa Monica Big Blue Bus BEB Infrastructure

Client: City of Santa Monica

Dates: 2019-ongoing

Contract: $1,700,000

Project Size: P1: 20 buses; P2-4: 128 buses

Stantec Scope: Architecture, MEP Engineering, Structural Engineering, Civil Engineering, Fueling Systems

Stantec developed Big Blue Bus's fleet electrification transition plan and is now providing design services for the charging infrastructure. The team began with preliminary phasing plans and cost estimates to help BBB understand property and operational impacts, implementation costs, and a detailed strategy for transitioning to battery-electric buses (BEBs). Currently, Stantec is preparing construction documents for phases 2 through 4 of the seven-phase plan. This scope will be built in multiple stages to minimize operational disruptions and will deliver charging infrastructure for approximately 128 additional BEBs. The design also included a photovoltaic (PV) system study to right-size solar arrays on gantry structures supporting charging dispensers. Stantec modeled options to align PV generation with midday charging demand, ensuring solar energy is fully utilized by the fleet. This approach reduces or eliminates the need for on-site battery energy storage systems to store daytime power for overnight charging. During initial master planning, Stantec provided construction documents for phase one, which installed (20) 62-kW charging stations for Big Blue Bus's first 19 BEBs now in service. This work was completed in partnership with SCE's Charge Ready Transport program, delivering utility upgrades and infrastructure to support electric vehicle implementation.

Glendale Beeline BEB Charging Infrastructure

Client: City of Glendale

Dates: 2024-ongoing

Contract: $xx

Project Size: 60 buses, 10 DAR vehicles

Stantec Scope: A/E Prime; Architecture, Structural Engineering, Electrical Engineering, Charging Equipment, Lighting Design, Fire Protection Engineering, and Plumbing Engineering

Stantec is providing architectural and engineering design services for a new parking deck built above bus parking to support fleet electrification. The structure will house battery-electric bus (BEB) charging infrastructure and accommodate approximately 75 employee parking spaces, including EV charging stations and future-ready infrastructure. The project includes installing charging equipment for the first 30 BEBs during construction, with long-term plans for full fleet electrification. A key feature of the design is a microgrid that enhances resiliency and sustainability. It incorporates an on-site battery energy storage system (BESS) and a solar photovoltaic (PV) canopy over the upper-level employee parking deck. This system will maximize renewable energy generation, offset utility costs, and reduce operating expenses for vehicle charging. The microgrid will operate in parallel with the utility to provide backup power during outages and optimize energy use. Architectural goals focus on delivering a safe, efficient, and resilient parking solution that meets the city's requested parking counts while integrating advanced charging infrastructure. By combining structural design with renewable energy and storage systems, the project supports the transition to a zero-emission fleet and aligns with sustainability objectives.

Anaheim Transportation Network BEB Infrastructure

Client: Anaheim Transportation Network

Dates: 2020- 2024

Contract: $145,000

Project Size: 100 bus chargers

Stantec Scope: Energy Modeling, electrical engineering, fueling systems, architecture

Stantec designed the new electrical system to provide power to the 100 new bus chargers as well as the new building and ancillary yard loads. The design includes a new 12kV service from local utility and a new main power transformer sized to meet the future needs of the bus yard. A new main electrical switchboard will provide power to each of the individual bus chargers.The design includes an extensive underground power distribution system that connects each of the charger locations to the main switchboard. The first phase of the project will include approximately 46 ground-mounted chargers and dispensers. A solar canopy over the bus charging area, also designed by Stantec, provides the opportunity to utilize overhead dispensers for the second phase of the charger build out. The electrical design also includes the infrastructure to support either overhead or ground mounted charging for the future buses. To maximize the value of the solar array and provide the opportunity to reduce operating costs by shifting the timing of when power is purchased from the grid, the design also includes a battery electric storage system (BESS). Operating in parallel with the utility and the local PV generation, the BESS will also provide a level of power supply resiliency in the event of a loss of offsite power while helping to reduce the overall energy cost for the facility.

King County Metro Interim Base Electrification

Client: King County Metro

Dates: 2020- 2026

Contract: $2,000,000

Project Size: 120 BEBs; 6 acre site

Stantec Scope: A/E Prime (lead designer & EOR); Electrical Engineering, Master Planning, ICT, Acoustics, Charging Systems, Historical Archaeology, RF Modeling, Mechanical Engineering, NEPA Permitting; Value Engineering

Emissions from transportation make up a significant portion of carbon pollution. Electric vehicles offer solutions that more public agencies including our client, King County Metro Transit (Washington State), are turning to for reducing carbon emissions. With a goal to achieve a zero-emission bus (ZEB) fleet by 2035, King County Metro contracted us for engineering and design services for its Interim Base Electrification (IBE) project. The $115 million IBE project will provide parking and charging stations for 120 ZEB buses at the existing King County Interim South Base. Our role includes providing electrical engineering services, transportation planning, information and communications technology design, acoustic design, charging system design, and even archaeological services should they be required. King County Metro, which serves a population of more than 2.1 million people, is leading the transit industry as an early adopter of battery-electric buses that produce no emissions. Electrification also has the potential for lower operating costs. System users will find the electric buses are quieter on-board, as well as in the community. Metro's goal is to maintain its current fleet of approximately 1,400 coaches as it transitions to a ZEB fleet by 2035 in alignment with the County's equity and social justice goals.

Norwalk Transit Facility Tenant Improvements

Client: City of Norwalk, CA

Dates: 2023-present

Contract: $637,000

Project Size: 13,800 SF

Stantec Scope: Architecture, Interior Design, Space Planning, Structural Engineering, MEP Engineering, Lighting Design, Civil Engineering, and Technology

The City of Norwalk's Transportation System, Norwalk Transit, procured Stantec to design the third phase of facility improvements to their 20+ year old facility. The facility improvements include interior renovations to transit operations and administrative spaces, offices, break rooms, conference rooms, maintenance locker rooms, and various other finish upgrades throughout the building. The project also includes a new locker room addition for 93 new bus operator lockers to alleviate over-crowding in the existing locker room. Exterior to the building, a new bi-fold bus entry and exit gate is also included in the project to replace a curved rolling gate that created constant operational problems.

Stantec worked closely with the Norwalk Transit team to plan and design the new FF&E systems to work with the interior remodel. We also collaborated with the construction manager and the Norwalk team to devise a phasing plan that would allow each department to be minimally impacted during the multi-phase improvements. A fully integrated Stantec team of architects, building system engineers, and civil engineers worked closely to deliver design services for this important project.

City of Thousand Oaks Bus Wash Replacement

Client: City of Thousand Oaks

Dates: 2023-present

Contract: $407,000

Project Size: 3,200 SF

Stantec Scope: Architecture; Structural and Civil Engineering; Industrial Design, and Survey

The City of Thousand Oaks' Municipal Service Center, the city's public works and transportation facility, was in desperate need of a new vehicle wash facility to replace an outdated and dysfunctional, open-air wash rack and wash pad. The city procured Stantec to provide design services for a new building to house the three primary functions - bus wash, small vehicle wash, and exterior wash pad. The new facility expands and modernizes the existing function, but with limited space available due to tight operation site constraints the new facility has to be located in the same location as the existing. A gantry style wash has been designed for the small vehicles and an automated drive-through wash for the bus wash bay. To save space, a combined equipment space has been designed with maintenance access and resiliency as the driving design factors. Stantec is providing multiple bid sets to allow the city to select the final option that best meets their available construction budget.

San Luis Obispo RTA Bus Operations & Maintenance Facility

Client: San Luis Obispo RTA

Dates: 2018-2022

Contract: $2.5M+

Project Size: 112 vehicles, 28,650 sf facility, 6.44 acre site

Stantec Scope: Programming, Master Planning, Architecture, Industrial Equipment, Fueling, Interior Design, Landscape Architecture, MEP Engineering, Structural Engineering, Civil Engineering, Lighting Design, Technology & Security

The San Luis Obispo Regional Transit Authority (RTA) Operations & Maintenance Facility is a transformative project designed to serve the region's growing transit needs while setting a new standard for sustainability and operational efficiency. Located on a 6.44-acre site, the facility consolidates administration, operations, and maintenance functions into a single, high-performance campus. The new building, at approximately 28,650 square feet, is three times larger than the agency's previous facility and is designed to accommodate a fleet of up to 112 vehicles as the agency grows.

Sustainability and Resilience
Stantec led the design, working closely with RTA to create a facility that exceeds California's Green Building Code (CalGreen) requirements. The building is all-electric, eliminating the operational use of fossil fuels on-site, and is equipped for extensive photovoltaic (solar) power generation on both the roof and over bus parking areas. The design also incorporates ultra-local building materials, reducing the project's carbon footprint and supporting the local economy. The facility is future-proofed to support a fully electric vehicle fleet by 2040, with initial battery-electric bus charging infrastructure for up to four buses, allowing RTA to pilot and expand zero-emission operations. The facility also included accommodations for rooftop solar panels and a bus charging canopy that will support future solar panels as well with the goal of building out an on-site micro-grid that will help offset some of the RTA's energy usage by the electric vehicle fleet.

Facility Features and Operations
Inside, there are five repair bays, a wash bay, parts storage, a training room, dispatch suite, and administration offices. The high-bay service wing, which contains the repair and wash bays, uses a corrugated steel roof deck supported by open-web steel joists and CMU walls, with elevated storage areas framed in concrete-filled metal deck and structural steel beams. The operations and training wing is framed with corrugated metal roof deck on cold-formed steel joists and structural walls, and features long roof overhangs to provide outdoor shelter for the breakroom and employee patio.

Reflecting RTA's close-knit, family-oriented culture, the facility includes a large, shared breakroom and kitchen that opens to an employee patio, fostering collaboration and well-being. The site is also designed to withstand a 100-year flood event, with the lowest floor elevated above base flood elevation, and includes a 0.2-acre drainage basin for stormwater management.

Project Delivery and Funding
The project was delivered under a firm fixed-price, date-certain contract, with Specialty Construction, Inc. as the builder. The total project cost was approximately $26.7 million, funded through a combination of a $13.08 million TIFIA (Transportation Infrastructure Finance and Innovation Act) loan, federal and state grants, and a private bank loan. The TIFIA loan, secured through the Build America Bureau's Rural Projects Initiative, provided the agency with a low 0.7% interest rate and a 34-year maturity, resulting in significant cost savings compared to leasing and maintaining the previous facility.

Community Impact
The new RTA Operations & Maintenance Facility is a cornerstone for delivering safe, reliable, and sustainable transit services throughout San Luis Obispo County. By integrating advanced technology, resilient infrastructure, and a strong focus on employee and community well-being, the facility positions RTA to meet the region's mobility needs for decades to come.

Napa Valley Transit Bus Operations & Maintenance Facility

Client: Napa Valley Transit

Dates: 2017-2024

Contract: $535,270 (architectural services only)

Project Size: 80 buses; 31,500 sf facility, 6.1 acres

Stantec Scope: Programming, Master Planning, Architecture, Interior Design, Sustainability

Located in Napa, California, the NVTA Operations & Maintenance Facility spans an 8.1-acre site and includes 31,500 square feet of built space across three distinct buildings. Designed by Stantec, the facility supports a growing fleet of over 80 transit vehicles and aligns with California's mandate for 100% zero-emission bus service by 2040. The architectural program includes an operations building for over 100 transit operators, a six-bay maintenance building, and a vehicle wash facility. The operations building houses dispatch, training, and collaboration spaces, while the maintenance building incorporates natural ventilation and clerestory windows to promote employee health and well-being through daylighting and fresh air circulation. The vehicle wash building is designed for high throughput and future scalability.

The architectural design of the facility reflects its civic importance and integrates seamlessly with the surrounding Napa Valley landscape. The sloped-roof design and sculpted building forms draw inspiration from local hills and valleys, while also optimizing the structures for rooftop solar systems. The facility is a regional landmark that embodies community values and environmental stewardship.

Sustainability and resilience are central to the project's goals. Stantec's early-stage planning ensured maximum solar potential through strategic rooftop solar placement and the phased integration of solar canopies. The facility was designed to achieve net-zero energy through extensive use of photovoltaics and future-proofing for electric bus charging infrastructure. Microgrid integration supports building power needs and offsets electric vehicle charging demands, while battery storage planning accommodates future expansion as NVTA acquires additional electric vehicles. Energy efficiency measures include a high-performance building envelope, efficient lighting, and HVAC systems to reduce operational energy loads.

Stantec provided NVTA technical assistance for their grant development for programs such as at the for Zero-Emission buses such as the Federal Low-No Program, Federal Bus and Bus Facilities Program, and the State's Transportation and Intercity Rail Capital Program (TIRCP). Stantec also compiled necessary technical data and conducted internal stakeholder engagement to finalize the NVTA's Zero Emission Bus Rollout Plan that satisfied CARB's Innovative Clean Transit regulation.

> *"This is a spectacular design. I've seen many, many maintenance facilities but I haven't seen a facility this attractive."*
>
> Ray Tellis, Federal Transit Administration
> Regional Administrator

Commerce Transit and Public Works Operations & Maintenance Facilty

Client: City of Commerce, California

Dates: 2022-present

Contract: $2.7M

Project Size: 280,000 SF

Stantec Scope: Master Planning, Programming, Architecture, Industrial Design, Civil Engineering, Survey, Landscape Architecture, Fueling System Design, Audio Visual, Security, BEB Charging

Located on the site of a former power generation plant, the property will be completely cleared to make way for the new, resilient transit facility. The project consists of a singular, connected structure for vehicle parking, maintenance, service, administration, and operations functions. The administration and operations department on the second floor connects directly to the elevated employee parking deck above the maintenance and bus parking functions. A maintenance department with 12 bays, fuel and wash services, and bus storage occupies the ground level of the facility. The project also consists of extensive accessibility and site improvements for the entire property, including the 600 feet long driveway accessing the site. The facility will include all of the necessary support spaces for mechanics, bus operators, and the City's Transportation Department's administration staff, including dedicated training spaces on both floors of the building, also serving as a regional training facility.

When complete, the new facility will help Commerce meet its future transit needs while transitioning to zero-emission vehicles. The current design includes charging infrastructure for 14 standard buses and 10 cutaway buses with expansion potential for additional charging equipment in the future. The project also includes 22 employee EV parking stalls with 64 additional stalls designed with infrastructure for future chargers. While the City's near-term plan is to implement electric vehicles, the long-term plan is to transition to fuel cell electric buses with greater range availability. Therefore, the facility also incorporates the building systems necessary to implement FCEB's during the transition. Infrastructure and space for a future on-site hydrogen fueling station is also included in the project's design.

In parallel to transitioning to a zero-emission fleet, the new facility itself will be an all-electric building. Extensive photovoltaic canopies will cover the employee parking spaces on the upper deck, generating power to support the building's daily utility demands.

With increasing ridership and anticipating growth in transit services, the City of Commerce needed an operations and maintenance facility to match. While the existing facility had served Commerce well for nearly 30 years, expanding operations and infrastructure needs related to the transition to zero emission buses drove the need for a new campus.

Foothill Transit Covina Transit Center

Client: Foothill Transit

Dates: 2016-2020

Contract: $531,250

Project Size: 374 stall parking structure, 6 bus bays, 4,400 sf retail

Stantec Scope: Programming, Master Planning, Architecture (30% Bridging Documents), Landscape Architecture, Urban Design, Lighting Design

The Foothill Transit Covina Transit Center and Park & Ride is a transformative mobility hub developed as part of the City of Covina's "Covina Forward" initiative—a public-private partnership (P3) between Foothill Transit, the City of Covina, and MLC Holdings. Located on a three-acre site at Covina Boulevard and North Citrus Avenue, the $13.8 million facility was designed by Stantec and constructed on the former Kmart site. The project includes a multi-level parking structure with 360 free parking spaces, a 4,400-square-foot retail building, and a central transit plaza with six bus bays.

The design of the transit center emphasizes sustainability and community integration. It is a net-zero energy facility, generating as much renewable energy on-site as it consumes. Key features include solar panels, LED lighting, rainwater-harvesting bus shelters, and enhanced security systems. The facility also includes bike storage and connective pedestrian pathways that link the transit center to adjacent residential areas and future civic developments. These elements were carefully planned to address community concerns about privacy, traffic, noise, and safety, resulting in a design that is both functional and sensitive to its urban context.

Stantec's role extended from master planning through construction, encompassing architecture, landscape architecture, urban design, and lighting design. The firm collaborated closely with public outreach consultants and city stakeholders to develop a facility that not only meets the operational needs of Foothill Transit but also enhances the public realm. The design includes a public plaza between the retail and parking structures, creating a welcoming space for commuters and residents alike. The transit center serves as a vital link between the residential neighborhood and the city's future civic core, supporting Covina's vision of a vibrant, connected community.

Operationally, the Covina Transit Center improves regional mobility by offering direct connections to Downtown Los Angeles via the new Commuter Express Line 490, which serves Covina, San Dimas, Azusa, and Glendora. The facility supports Foothill Transit's broader sustainability goals, including a transition to an all-electric bus fleet by 2030. As a model of integrated, community-focused transit design, the Covina Transit Center exemplifies how thoughtful infrastructure can enhance urban livability while advancing environmental stewardship.

> *"Improving access to public transit has immense benefits to the surrounding community. The Covina Transit Center smoothly connects residents to local businesses and services, cleans the air, and reduces traffic all while providing a very attractive public space"*
>
> Carol Herrera, Chair of the Foothill Transit Executive Board

Stantec is a global leader in sustainable engineering, architecture, and environmental consulting. The diverse perspectives of our partners and interested parties drive us to think beyond what's previously been done on critical issues like climate change, digital transformation, and future-proofing our cities and infrastructure. We innovate at the intersection of community, creativity, and client relationships to advance communities everywhere, so that together we can redefine what's possible.

Stantec

Santa Barbara MTD

On-Call Architectural & Engineering (A&E) Services

Stantec Architecture Inc.
November 13, 2025

Envelope 1: MTD Forms

SANTA BARBARA METROPOLITAN TRANSIT DISTRICT

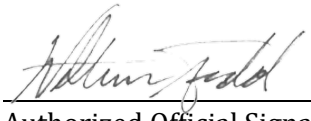
Request for Qualifications for On-Call Architectural & Engineering (A&E) Services

ACKNOWLEDGEMENT OF ADDENDA

The undersigned acknowledges the Bidder's receipt of the following addenda to this request for proposals and has incorporated information or changes in said addenda within its submittal (if no addenda were received, write "None" in the first blank):

Addendum No.	1	dated	10/31/2025
Addendum No.	2	dated	11/06/2025
Addendum No.		dated	
Addendum No.		dated	
Addendum No.		dated	
Addendum No.		dated	

Note: It is the Bidder's responsibility to ensure it receives all addenda which are posted under "Active Procurements" at the bottom of MTD's website at http://www.sbmtd.gov/about/doing-business/.



Authorized Official Signature

11/11/2025

Date of Signature

Will Todd

Authorized Official Name

Principal

Authorized Official Title

Stantec Architecture Inc.

Business Name of Bidder

(Signer must match authorized official shown on Bidder Information form)

SANTA BARBARA METROPOLITAN TRANSIT DISTRICT

Request for Qualifications for On-Call Architectural & Engineering (A&E) Services

NONCOLLUSION DECLARATION

The undersigned declares:

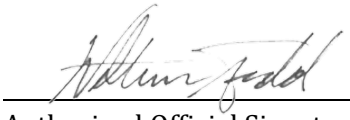
I am the Principal (title) of Stantec Architecture Inc. (business name of bidder),

the party making the included bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

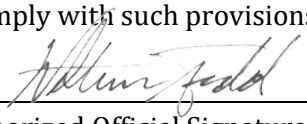
Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on 11/11/2025 (date), at Los Angeles, CA (city, state).

	William Todd
Authorized Official Signature	Authorized Official Name (printed)

COMPENSATION CERTIFICATION

I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.

	11/11/2025
Authorized Official Signature	Date of Signature
William Todd	Principal
Authorized Official Name	Authorized Official Title

SANTA BARBARA METROPOLITAN TRANSIT DISTRICT

Request for Qualifications for On-Call Architectural & Engineering (A&E) Services

LOBBYING CERTIFICATION

The undersigned Contractor certifies that to the best of his or her knowledge and belief:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

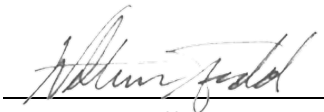
(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for making lobbying contacts to an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form--LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions [as amended by "Government wide Guidance for New Restrictions on Lobbying," 61 Fed. Reg. 1413 (1/19/96). Note: Language in paragraph (2) herein has been modified in accordance with Section 10 of the Lobbying Disclosure Act of 1995 (P.L. 104-65, to be codified at 2 U.S.C. 1601, et seq.)]

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

[Note: Pursuant to 31 U.S.C. § 1352(c)(1)-(2)(A), any person who makes a prohibited expenditure or fails to file or amend a required certification or disclosure form shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such expenditure or failure.]

The Contractor, Stantec Architecture Inc., certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. A 3801, et seq., apply to this certification and disclosure, if any.

	11/11/2025
Authorized Official Signature	Date of Signature
William Todd	Principal
Authorized Official Name	Authorized Official Title

Stantec Architecture Inc.

Business Name of Bidder

(Signer must match authorized official shown on Bidder Information Form)

Santa Barbara Metropolian Transit District

On-Call Architectural & Engineering (A&E) Services Contract Master Agreement Hourly Rate Schedule

Version: 12/22/2025

Stantec			**Hourly Rate**
Named Staff	**Role Classification**	**Discipline**	**2026**
Pat McKelvey	Project Executive, Senior Principal	Architecture	$ 270.00
Will Todd	Project Manager, Principal	Architecture	$ 230.00
Jiah Hong	Project Architect, Deputy PM	Architecture	$ 175.00
Annija Gaskell	Project Architect	Architecture	$ 175.00
Mary Cheval	Principal	Workplace, Interiors Design	$ 230.00
Mark Palomera	Sr Architect, CASp	Architecture	$ 197.00
Jared Weismantel	Principal	Industrial Architecture	$ 208.00
Gladys Yang	Sr Engineer	Mechanical Engineering	$ 208.00
Diana Degenkolb	Principal	Electrical Engineering	$ 250.00
Buddy Hain	Principal	Civil Engineering	$ 230.00
Matt Vernon	Principal	Surveying	$ 250.00
Reb Guthrie	Principal	Fueling Engineering	$ 250.00
Roy Poomi	Principal	Structural Engineering	$ 250.00
John Hysler	Sr Consultant	Technology Engineering	$ 208.00
Tony Zavanelli	Principal	Energy Engineering	$ 250.00
Brian McGraw	Principal	Fire Protection Engineering	$ 230.00
David Markmam	Princial	Building Science, Envelope	$ 230.00
Matt Rashoff	Sr Specialist	Acoustics Design	$ 197.00
Rohini Pendyala	Sr Designer	Lighting Design	$ 197.00
Jeff Kemps	Sr Consultant	Building Commissioning	$ 197.00
Vanessa Nelson	Sr Consultant	Sustainability Consulting	$ 208.00
Analy Castillo	ZEB Strategist / Technical Lead	Transit Advisory Services	$ 250.00
Lewis Simons	Senior Principal	Environmental Services	$ 250.00
Kristy Edblad	Principal Engineer	Environmental Services	$ 208.00
Crystahl Taylor	Principal Planner	Environmental Services	$ 230.00
Josh Sargent	Principal Geologist	Environmental Services	$ 200.00

General Classification	**Description**	**2026 Rates (Low / High)**
Senior Principal	Professional in charge of oversight, quality assurance, discipline or market leadership (20+ years experience)	$ 250 - $ 270
Principal	Subject matter expert, professional in charge of teams, QA/QC, project financials (15+ years experience)	$ 208 - $ 250
Sr Project Manager	Sr Professional in charge of team management, quality control, project financials (15+ years experience)	$ 197 - $ 230
Project Manager	Professional in charge of team management, quality control, project financials (10+ years experience)	$ 179 - $ 197
Sr Architect/Engineer, Sr Consultant/Planner/Specialist	Licensed, technical discipline lead (10+ years experience)	$ 180 - $ 200
Architect, Engineer, Planner, Consultant	Licensed, technical discipline lead (5+ years experience)	$ 160 - $ 180
Sr Designer / Design Coordinator, Specialist	Unlicensed, discipline support (10+ years experience)	$ 160 - $ 195
Designer / Design Coordinator, Jr Specialist	Unlicensed, discipline support (2+ years experience)	$ 135 - $ 155
Intern Architect, Engineer-in-Training (EIT)	Recent graduate or current student, production staff (0+ years experience)	$ 111 - $ 131
Sr Project Admin, Controls	Project management support, financials, invoicing coordination, etc. (5+ years experience)	$ 131 - $145
Project Admin, Controls	Project management support, financials, invoicing coordination, etc. (0+ years experience)	$ 111 - $131
Sr BIM / CAD specialist	Technology / software support (5+ years experience)	$ 161 - $ 183
BIM / CAD specialist	Technology / software support (0+ years experience)	$ 131 - $ 152

Gray Electrical Consulting Engineering (GECE)			**Billing Rates**
Name	**Role Classification**	**Discipline**	**2026**
Heather Gray, P.E.	Engineering Advisor	Electrical Engineering	$ 310.00
	Principal/Licensed Electrical Engineer	Electrical Engineering	$ 247.00
	Senior Project Engineer	Electrical Engineering	$ 235.00
	Project Engineer	Electrical Engineering	$ 213.00
	Senior Electrical Designer	Electrical Engineering	$ 203.00
	Utility Coordinator	Electrical Engineering	$ 187.00
	Electrical Designer	Electrical Engineering	$ 180.00
	Senior CAD Support Technician	Electrical Engineering	$ 157.00
	CAD Support Technician	Electrical Engineering	$ 134.00
	Project Controls	Electrical Engineering	$ 154.00

Jacobus & Yuang, Inc. (JYI)			**Billing Rates**
Name	**Role Classification**	**Discipline**	**2026**
Jacobus Malan	Principal	Cost Estimating	$ 215.00
Alexandro Nocum	Senior Estimator	Cost Estimating	$ 146.00
Nerisa Navarro	Estimator	Cost Estimating	$ 108.00

Earth Systems Pacific			**Billing Rates**
Name	**Role Classification**	**Discipline**	**2026**
Anthony P. Mazzei	Principal Professional	Geotechnical Engineering	$ 260.00
Todd Tranby	Principal Professional	Geotechnical Engineering	$ 260.00
Meng Wei Lu	Sr. Project Professional	Geotechnical Engineering	$ 220.00
Anthony Luna	Project Professional	Geotechnical Engineering	$ 195.00
Vivian Wallace	Staff Professional	Geotechnical Engineering	$ 175.00
	Certified Welding Inspector (PW)	Testing and Inspection	$ 185.00
	Field Services Supervisor	Testing and Inspection	$ 165.00
	Special Inspector (PW)	Testing and Inspection	$ 170.00
	Technican (PW)	Testing and Inspection	$ 155.00

True Nature Landscape			
Architecture		**Billing Rates**	
Name	**Role Classification**	**Job Function (Discipline)**	**2026**
Kim True	Principal Landscape Architect	Landscape Architecture	$ 150.00
	Project Manager	Landscape Architecture	$ 125.00
	Project Designer / Technical Drafter	Landscape Architecture	$ 100.00