


Agenda Report Reviewed by:
City Manager: 

CITY OF SEBASTOPOL
CITY COUNCIL
AGENDA ITEM

Meeting Date: November 21, 2023
To: Honorable Mayor and City Councilmembers
From: Toni Bertolero, Engineering Consultant
Kari Svanstrom, Planning Director
Subject: Master Agreement with Fehr and Peers
Recommendation: Approval of Master Agreement with Fehr and Peers for Engineering Services
Funding: Currently Budgeted: Yes No Not Applicable

Account Code: n/a

Costs authorized in City Approved Budget: Yes (Finance Initialed _____) No (Finance Exempt)

INTRODUCTION/PURPOSE:

The item is to request Council approve the Master Agreement with Fehr and Peers for Engineering Services (Attachment 1).

BACKGROUND AND DISCUSSION:

The City of Sebastopol has an ongoing solicitation for qualified consultants interested in being included in the City’s Pre-Qualified Consultants (PQC) List. The PQC List was first formed in 2010 and is a list of pre-qualified consulting firms available to perform a variety of consulting services for City capital improvement projects. The City seeks consultants with demonstrated expertise and experience performing studies, infrastructure planning and design, construction management, and other types of consulting services for public agencies in various engineering disciplines. The application and qualification period is open-ended until further notice. Consultants may be added to the list by approval of the City Council on a quarterly or semi-annual basis depending on the timing and number of applications received. The qualified firms selected for the Pre-Qualified Consultants List may be invited to provide consulting services on an “as-needed” basis for projects to be determined during the term of a Master Agreement (Appendix B), whose initial term will be for three (3) years. Upon execution of the Master Agreement, the City may elect to solicit proposals from any or all selected consultants. Individual project contracts will be awarded by contract amendment concurrent with the term of the master contract.

Fehr and Peers submitted a Statement of Qualifications (Attachment 2) and upon review by City staff, it is determined based on the firm’s qualifications that it is qualified to perform engineering services in the following disciplines: Street Improvements planning and design, and Traffic Engineering.

ENVIRONMENTAL REVIEW:

The proposed action is exempt Yes No

This action is not a project under CEQA and is therefore not subject to the requirements of the California Environmental Quality Act (CEQA).

GOALS:

This action supports the following City Council Goals and General Plan Actions:

- Goal 2 - Maintain, Improve and Invest in the City's Infrastructure (Water, Sewer, Streets, Circulation, Parks, Storm Drains and Public Facilities).

PUBLIC COMMENT:

As of the writing of this staff report, the City has not received any public comment. However, staff anticipates receiving public comment from interested parties following the publication and distribution of this staff report. Such comments will be provided to the City Council as supplemental materials before or at the meeting. In addition, public comments may be offered during the public comment portion of the agenda item.

PUBLIC NOTICE:

This item was noticed in accordance with the Ralph M. Brown Act and was available for public viewing and review at least 72 hours prior to the scheduled meeting date.

FISCAL IMPACT:

Approval of the Master Agreement does not have a fiscal impact. However, if Fehr and Peers is selected to perform a future project, the contract will be by separate Amendment to the Master Agreement and approval of that future amendment would have a fiscal impact depending on the project and scope.

RECOMMENDATION:

Staff recommends the Sebastopol City Council approve the Master Agreement with Fehr and Peers, and the City Manager is authorized to execute the Master Agreement upon submittal of City-approved insurance documents.

Attachments:

1. Master Agreement with Fehr and Peers
2. Statement of Qualifications from Fehr and Peers

**APPENDIX B
CITY OF SEBASTOPOL
CONTRACT NO. 2023-01-02
MASTER AGREEMENT FOR ENGINEERING CONSULTING SERVICES
Fehr & Peers**

THIS AGREEMENT made and entered into this _____ day of _____, 2023 by and between the City of Sebastopol, a municipal corporation located in the County of Sonoma, State of California, hereinafter referred collectively to as "CITY" and **Fehr & Peers**, a California planning and engineering firm with principal offices at 100 Pringle Ave., Suite 600, Walnut Creek, CA 94596, hereinafter referred to as "CONSULTANT",

WITNESSETH

WHEREAS, CITY has the need for On-Call Engineering services; and

WHEREAS, CITY desires to contract for such services with a private consultant; and

WHEREAS, CONSULTANT is experienced in providing such services for municipal corporations and is able to provide personnel with the proper experience and background to carry out the duties involved; and

WHEREAS CITY wishes to retain CONSULTANT for the performance of said services;

NOW, THEREFORE, in consideration of the mutual covenants, benefits and premises herein stated, the parties hereto agree as follows:

CITY, pursuant to the authority set forth at Government Code Section 36505, does hereby appoint CONSULTANT, in a contractual capacity, to perform the following services on an "on call, as needed" basis, in accordance with the terms and conditions hereinafter set forth;

The type of Engineering or other services to be provided include:

- Street Improvements
 - Traffic Engineering
- 1) **CAPITAL PROJECTS** - As assigned, pursuant to approval of scope of work and fee proposal by the City Council, perform services which may include but are not necessarily limited to the following:
- a) Preliminary Engineering: Prepare alternatives analyses, preliminary layouts, surveying, geotechnical services, and estimates of probable cost.
 - b) Permits: Assist the City in obtaining approvals and permits from various agencies, including CALTRANS, Regional Water Quality Control Board, US Army Corps of Engineers, CA Department of Fish and Game, etc.
 - c) Construction Documents: Prepare engineering calculations and designs, plans, specifications, cost estimates, and contract bidding documents.

- d) Bidding Assistance: Assist the City with technical support during bidding phase for public contracts, attend pre-bid conferences and job walks, perform construct-ability review of other firms or own plans and specifications, prepare addenda, analyze bids, and recommend award.
 - e) Construction Support/Construction Management: Attend pre-construction conferences; monitor construction schedule, visit construction site as required for progress and quality of work evaluation. Assist City with interpretation of the plans and specifications, analysis of changed conditions, development of corrective action, review of shop drawings and other submittals, and the review and negotiation of change orders.
- 2) **OTHER MISCELLANEOUS SERVICES** - CITY may from time-to-time have the need for other services not specifically listed in this agreement for which CONSULTANT has the necessary experience and capabilities to provide. CITY may authorize CONSULTANT to perform such selected services on an as-needed basis.
- 3) **PROJECT ASSIGNMENTS**
- a) the City may from time to time during the term of this agreement, solicit proposals from CONSULTANT for various City projects. Individual project assignments will be awarded by amendments to this agreement, concurrent with the term of the master contract.
 - b) The City will award contract amendments for each project based upon a scope of services, work schedule, and fee proposal submitted to the City on request, and subject to approval by the City Council. For any given project, the City may elect to contract with more than one consultant based upon their field of expertise.
 - c) Consultants are also encouraged to team with other pre-qualified consultants on project proposals where multiple disciplines are required.
- 4) **RECORDS** All records produced by CONSULTANT during the course of your work under this agreement are and at all times shall remain the property of the CITY. CONSULTANT shall assemble these records in an orderly fashion and store same, for at least three years, in a mutually agreed upon location so that they may be reasonably available to the public or to the officials of CITY as required. Copies of records shall be provided to the City from time to time, as requested.
- 5) **TERMINATION** - This Master Agreement may be terminated at will by either party with or without cause upon 30 days written notice.
- 6) **GENERAL CONDITIONS**
- a) CITY shall not be called upon to assume any liability for the direct payment of any salary, wage or other compensation to any person employed by CONSULTANT performing services hereunder for CITY.
 - b) All documents, including but not limited to plans and specifications, prepared by CONSULTANT are instruments of services, only. They are not intended nor represented to be suitable for reuse on extensions of this project or any other project. Any reuse without specific permission by CONSULTANT shall be at the user's sole risk. CITY hereto agrees to save, keep and hold harmless CONSULTANT from all damages, costs or

expenses in law and equity including costs of suit and attorney's fees resulting from such reuse.

- c) CONSULTANT agrees to save, keep, hold harmless and indemnify CITY and its officers, and employees from all damages, in law and equity, to the extent caused by any negligent act or omission to act on the part of CONSULTANT or any of its officers, employees or subcontractors in the performance of their services under this Agreement. CITY shall save, keep, hold harmless, and indemnify CONSULTANT from all damages suffered in the performance of this Agreement that are not the result of wrongful acts of the CONSULTANT, its officers, employees or subcontractors.
 - d) CONSULTANT shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the CONSULTANT, his agents, representatives, or employees. Refer to Exhibit "A", INSURANCE REQUIREMENTS FOR CONSULTANTS, attached hereto and thereby made a part of this contract.
- 7) **NOTICES** - For purposes hereof, unless otherwise provided in writing by the parties hereto, the address of the CITY and the proper person to receive any notice on the CITY'S behalf is:

City of Sebastopol
Engineering Division
714 Johnson St.
Sebastopol, CA 95472

For the purposes hereto, unless otherwise provided in writing by the parties hereto, the address of CONSULTANT and the proper person to receive any notice on the CONSULTANT'S behalf is:

Ian Barnes, PE, Principal-in-Charge
Fehr & Peers
100 Pringle Ave., Suite 600
Walnut Creek, CA, 94596

- 8) **ARBITRATION** - All claims, disputes, and other matters in question between the parties to this AGREEMENT, or breach thereof, may be decided by arbitration in accordance with the then-most current rules of the American Arbitration Association, if the parties mutually agree.
- 9) **MISCELLANEOUS**
- a) The titles used in this agreement are for general reference only and are not a part of the Agreement.
 - b) This Agreement shall be interpreted as though prepared by both parties.
 - c) Any provision of this agreement held to violate any law shall not invalidate the remainder of this Agreement.
 - d) This Agreement shall be interpreted under the laws of the State of California.

10) **TERM OF AGREEMENT** – This Agreement shall remain in effect for an initial term of 3 (three) years. Extensions of the agreement may be made upon mutual agreement of the parties hereto.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by the duly authorized officers the day and year first above written in this Agreement.

CITY OF SEBASTOPOL

CONSULTANT

Fehr & Peers

Larry McLaughlin, City Manager

Ian Barnes, PE, Principal-in-Charge



EXHIBIT A
City of Sebastopol
Insurance Requirements for Consultants

Consultant shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Consultant, its agents, representatives, or employees.

MINIMUM SCOPE AND LIMIT OF INSURANCE

Coverage shall be at least as broad as:

1. Commercial General Liability (CGL): Insurance Services Office Form CG 00 01 covering CGL on an “occurrence” basis, including products and completed operations, property damage, bodily injury, and personal & advertising injury with limits no less than \$2,000,000 per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (ISO CG 25 03 or 25 04) or the general aggregate limit shall be twice the required occurrence limit.
2. Automobile Liability: Insurance Services Office Form Number CA 0001 covering, Code 1 (any auto), or if Consultant has no owned autos, Code 8 (hired) and 9 (non-owned), with limit no less than \$1,000,000 per accident for bodily injury and property damage.
3. Workers’ Compensation insurance, as required by the State of California, with Statutory Limits, and Employer’s Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease.

(Not required if consultant provides written verification that it has no employees)

4. Professional Liability (Errors and Omissions) Insurance appropriate to the Consultant’s profession, with limit no less than \$2,000,000 per occurrence or claim, \$2,000,000 aggregate. The Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work. Insurance must be maintained and evidence of insurance must be provided for at least five (5) years after completion of the contract of work. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a Retroactive Date prior to the contract effective date, the Consultant must purchase “extended reporting” coverage for a minimum of five (5) years after completion of contract work. A copy of the claims reporting requirements must be submitted to the City of Sebastopol for review.

If the Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City of Sebastopol requires, and shall be entitled to, the broader coverage and/or higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City of Sebastopol.

Other Insurance Provisions

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

The City of Sebastopol, its officers, officials, employees, and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the Consultant including materials, parts, or equipment furnished in connection with such work or operations.

General liability coverage can be provided in the form of an endorsement to the Consultant’s insurance at least as broad as one of the following ISO ongoing operations Forms: CG 20 10 or CG 20 26 or CG 20 33 (not allowed from subcontractors), or CG 20 38; **and** one of the following ISO completed operations Forms: CG 20 37, 2039 (not allowed from subcontractors), or CG 20 40.

Primary Coverage

For any claims related to this contract, the Consultant's insurance coverage shall be primary insurance coverage at least as broad as ISO CG 20 01 04 13 as respects the City of Sebastopol, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the City of Sebastopol, its officers, officials, employees, or volunteers shall be excess of the Consultant's insurance and shall not contribute with it.

Notice of Cancellation

Consultant shall provide immediate written notice if (1) any of the required insurance policies is terminated; (2) the limits of any of the required policies are reduced; (3) or the deductible or self-insured retention is increased. In the event of any cancellation or reduction in coverage or limits of any insurance, Consultant shall forthwith obtain and submit proof of substitute insurance.

Waiver of Subrogation

Consultant hereby grants to the City of Sebastopol a waiver of any right to subrogation which any insurer, with the exception of Consultant's professional liability insurer, of said Consultant may acquire against the City of Sebastopol by virtue of the payment of any loss under such insurance. Consultant agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the City of Sebastopol has received a waiver of subrogation endorsement from the insurer. However, the Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the City of Sebastopol for all work performed by the Contractor, its employees, agents, and subcontractors.

Self-Insured Retentions

Self-insured retentions must be declared to and approved by the City of Sebastopol. The City of Sebastopol may require the Consultant to provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or the City of Sebastopol.

Acceptability of Insurers

Insurance is to be placed with insurers authorized to conduct business in the state with a current A.M. Best's rating of no less than A:VII, unless otherwise acceptable to the City of Sebastopol.

Verification of Coverage

Consultant shall furnish the City of Sebastopol with original Certificates of Insurance including all required amendatory endorsements (or copies of the applicable policy language effecting coverage required by this clause) and a copy of the Declarations and Endorsement Page of the CGL policy listing all policy endorsements to the City of Sebastopol before work begins. However, failure to obtain the required documents prior to the work beginning shall not waive the Consultant's obligation to provide them. The City of Sebastopol reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.

Subcontractors

Consultant shall require and verify that all subcontractors maintain insurance, meeting all the requirements stated herein, and Contractor shall ensure that the City of Sebastopol is an additional insured on insurance required from subcontractors.

Statement of Qualifications for On-Call Consulting Services

PRE-QUALIFIED CONSULTANTS LIST

CITY OF SEBASTOPOL | OCTOBER 6, 2023

October 6, 2023

City of Sebastopol
Engineering Division
714 Johnson Street
Sebastopol, CA 95472

Subject: Proposal for Pre-Qualified Consultants List

Dear members of the selection committee:

Fehr & Peers is pleased to submit this SOQ For Pre-Qualified Consultants List to provide on-call traffic services for the City of Sebastopol. We offer a skilled, experienced team with in-depth knowledge about transportation and land use in Sebastopol and surrounding areas. Thanks to years of working with the City of Sebastopol, other cities in Sonoma, Sonoma County, and SCTA, the Fehr & Peers team understands regional transportation issues affecting the local network. Our local experience, combined with our use of research and innovative technology, makes us an excellent partner for the city—one that can be relied upon to help navigate the complex, evolving transportation challenges the city faces.

Fehr & Peers is submitting this SOQ under the following disciplines:

- A) Street Improvements and
- B) Traffic Engineering

We know that on-call task orders can range from collaborative, hands-on work with city staff, to quick burn tasks on tight schedules to take pressure off city staff workloads. On-calls require setting clear goals, proactively communicating, and turning around high-quality products (often on short schedules and with budget constraints). Our team is dedicated to and strives to provide excellent client service.

Day-to-day management of this on-call contract would occur from our Petaluma office. The Fehr & Peers team will be led by Principal-in-Charge **Ian Barnes**, who is currently leading the City of Sebastopol's VMT work. He directs a team of professionals with diverse expertise, able to offer the full range of transportation-related consulting services requested in the Request for Qualifications (RFQ). **Ashlee Takushi** will serve as the Project Manager and main point of contact for day-to-day communication with city staff. She has worked on projects throughout the North Bay, which has allowed her to familiarize herself with the area and needs of the staff and community. Rounding out our team is technical expert **Geoff Rubendall**, who leads much of our design work in the North Bay and has significant experience in the region.

We have enjoyed our experience working with the city and look forward to continuing that relationship, helping to enhance mobility within the City of Sebastopol as it continues to grow, while preserving its unique character.

Sincerely,

FEHR & PEERS



Ian Barnes, PE, Principal-in-Charge
(925) 357-3388 | i.barnes@fehrandpeers.com



Ashlee Takushi, RSP, Project Manager
(925) 357-3361 | a.takushi@fehrandpeers.com

P23-5975-WC

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Our mission is to empower every employee to develop effective and innovative transportation solutions that **improve communities**

On-Call Consulting Services

Prepared for:

City of Sebastopol

October 6, 2023

P23-5975-WC

FEHR  PEERS

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Project Understanding

From inception, Fehr & Peers maintains a consistent vision for successful project implementation. Having this vision ensures our work, whether at the initial planning level or final design, can be implemented for the community's benefit. We do this through an initial detailed field reconnaissance with an eye toward engineering feasibility. We engage communities where they live, work, and play to better understand community values and priorities. We use data collected in the field, analysis performed in the office, and consultation with city staff to assemble context-sensitive solutions and then prioritize them through the lens of community engagement. While this process yields solutions supported by the community and city staff, Fehr & Peers understands the importance of project funding in the project delivery process. We spend time thinking about how to prepare persuasive grant applications and other creative funding strategies such as quick build and living preview projects. In the last 5 years, we have successfully written and procured over \$100 million in grants for Bay Area agencies. Recently, we have worked with multiple agencies to creatively package projects with bid alternates to maximize project benefit in the current competitive funding environment. This gives flexibility to meet minimum project objectives while adding enhancements when possible. As projects move to delivery and implementation, we collaborate to develop construction documents that align with multimodal intent and community values. We ensure that comprehensive bid packages are assembled to achieve competitive construction bids. We are confident in these bid packages

and ultimately successful project implementation, achieving the vision we set from project inception.

Our team requests the City of Sebastopol's consideration for prequalification in the following selected services:

Street Improvements

- Seeking and Obtaining Grants
- Preparation of Plans and Specifications for the Construction of Traffic Signals and Pedestrian Paths
- Pedestrian and Bicycle Facilities Design and Engineering
- On-Call Services

Traffic Engineering

- Bicycle and Pedestrian Route Studies
- Traffic Counts (24 hour and turning movement counts)
- Geometric design review
- Neighborhood Traffic Calming Studies
- Traffic Surveys and Studies
- On-Call Services

We understand that firms selected to the Pre-Qualified Consultants List may be called upon to provide services to the City on an as-needed basis. To that end, we acknowledge that the City of Sebastopol may solicit bids for individual projects from pre-qualified consultants, or may potentially assign multiple projects to one consultant at the same time. Some or all these projects might have relatively small budgets, aggressive schedules, grant requirements, and multiple stakeholders. Our proposed

approach to administering, managing, and delivering work products is tried and tested, and relies on six key principles:

1. **One Project Manager:** From the City's point of view, there is one point of contact for all assignments, one person responsible for timely delivery of project deliverables. Ashlee's primary responsibility is to assign projects wisely to the appropriate staff, ensure schedules are met, and that city staff is satisfied with all deliverables. Individual assignments will require direct correspondence between city staff and consultant support staff—Ashlee will be responsible for knowing who is working on which project, current action items and project status, tracking individual project goals, and ultimately knowing when project deliverables will occur.
2. **Substantial Professional Resources:** The RFQ includes a variety of project types, and each project will require a unique level of effort and strategy. Individual projects may also cover a broad array of disciplines (e.g., an intersection reconfiguration study may include analysis of parking, signal operations, pedestrian and bicycle circulation, transit operation, and geometric design). To prepare for this, we have a team of nearly 100 professionals in our Bay Area local offices with experience working on complex multi-dimensional projects. Our staff has a wide variety of specialized expertise that can be utilized depending on the needs of a project.
3. **Focused Staffing:** We also understand the potential pitfalls of having multiple staff assigned to different parts of the same project, and although we have assembled a large team, we will strive to minimize the number of people working on each individual project assignment. This will result in better efficiency without sacrificing the quality of work.
4. **Rapid Identification & Resolution of Issues:** Each project will likely encounter challenges, including changes in scope of work, delays in reviews, and data collection. It is essential to the success of the project that these issues be raised immediately by the Project Manager to City of Sebastopol staff, regardless of the issue's complexity. We will develop a method of resolution with city staff, and work toward that resolution as quickly as possible.
5. **Pre-Defined QA/QC Personnel & Project Deliverable Format:** Our Project Manager will develop a template for project deliverables and ensure that reports, memoranda, and other technical information are formatted consistently. This will simplify the review process for city staff. All work products will be reviewed by Fehr & Peers' QA/QC personnel that review our deliverables for other similar projects, ensuring all deliverables meet our high standard for quality.
6. **Exceeding Client Expectations:** Client satisfaction is of the utmost importance to us. As part of our commitment to providing our clients with outstanding service, we regularly conduct surveys to assess client satisfaction and identify areas of improvement. We send a client survey after every completed project and, based on client surveys received in the past year, we have met or exceeded our clients' expectations 98 percent of the time.

Statement of Qualifications

About Fehr & Peers

Fehr & Peers is a multi-modal transportation planning and engineering firm serving Sonoma County from five offices throughout the Bay Area, including our newest office in Petaluma. Founded in the Bay Area by Juergen Fehr and Jack Peers as a transportation planning and engineering firm in 1985, Fehr & Peers' clients have trusted us to be their partners in transportation planning and engineering for nearly 40 years. Although we have grown from a small, local firm into a large national firm of 300+ employees, we remain steadfast in our commitment to our clients and the communities we serve. Clients consistently choose to team with us because of our commitment to being the best at what we do. We live out our commitment, mission, and vision in three distinct ways: a talented workforce, a robust research and development program, and a local community focus.

We are an S-Corporation headquartered in Walnut Creek, CA, with 350+ employees located throughout the United States, and over 100 of our employees in one of our five Bay Area offices (Petaluma, San Francisco, Walnut Creek, Oakland, and San Jose).

We use the latest research and innovative technology to engage and improve communities through our projects, using our knowledge to develop implementable plans and policy that address the needs of all transportation system users. In the realm of active transportation, we are national experts in disruptive trends, travel forecasting including VMT, multi-modal assessments, transit

planning, bicycle and pedestrian planning, safety, and engineering.

From active transportation plans to complete streets planning to innovative bicycle design, bikeshare business models, and Safe System implementation, Fehr & Peers planners and engineers strive to enhance circulation, increase safety, and provide better active transportation solutions for our clients. We are passionate about transportation because we know how forward thinking planning and innovative transportation solutions can benefit the people where we live and work. As a full-service multi-modal transportation planning and engineering firm, Fehr & Peers offers clients insight and expertise with all matters relating to transportation, including land use and transportation planning, multimodal operations and simulation, bicycle and pedestrian planning, and much more. Our deep bench of internal expertise provides a full suite of in-house services on each project we work on. We are nationally-recognized experts who focus on our employees, our clients, and our communities.

Track Record of Delivering On-Call Services in the Region

Fehr & Peers provides transportation planning and engineering services to many agencies in the Bay Area, including numerous on-call planning and engineering contracts. In the North Bay, we maintain on-call contracts with NVT, Vallejo, Fairfield, Santa Rosa, Petaluma, Cotati, and Rohnert Park. Coupled with our ongoing work in on the Fairfield General Plan Update, Petaluma General Plan Update, Petaluma Active Transportation Plan, and

Rohnert Park General Plan Update, demonstrates our teams' technical breadth to be a valuable resource to help the City on a variety of projects, programs, and tasks.

Some of the other agencies we have on-call contracts with are shown below.

- American Canyon
- Concord
- Contra Costa County
- Davis
- Dublin
- Fairfield
- Fremont
- Marin County
- Marysville
- Napa Valley Transportation Authority
- Oakland
- Placerville
- Pleasanton
- Pleasant Hill
- Sacramento
- San Francisco (SFMTA)
- San Francisco (SFCTA)
- San Rafael
- Santa Rosa
- UC Berkeley and UC Davis
- Walnut Creek
- Winters
- Yolo County

Key Personnel

Fehr & Peers considers each potential assignment carefully, and only pursues projects to which we can commit the appropriate time, effort, and resources to

provide excellent services. We are proposing a core team available to support the City of Sebastopol in an on-call as-needed basis. To support the key personnel, our Bay Area offices have a combined technical staff of 100, supported by a total staff of 300+ in all our offices. We are able to offer a dedicated team for this on-call and can supplement it as-needed from our large pool of resources.

Ashlee Takushi, RSP1 Project Manager



Ashlee is drawn to transportation engineering because of the potential to improve communities by understanding their local goals and needs while offering fresh ideas that

have been successfully implemented in other regions by similar community types. Since joining Fehr & Peers, Ashlee has worked on a variety of projects, gaining experience and interest in transportation impact analyses, pedestrian planning and design, and citywide safety planning. Ashlee is well-engaged in roadway safety work, serving as a leader in the company's Safety Discipline Group, and serving as a board member of the ITE San Francisco Bay Area Chapter. She is committed to working closely with local agencies to develop community driven solutions that improve safety for all users. Highly organized and collaborative, Ashlee excels at project management and client service and will oversee all administrative and logistical aspects of the Master Professional Services Agreement.

RELEVANT PROJECTS

SCTA Countywide Active Transportation Plan; Hanna Boys Center TIA; Lance Drive Apartments TIA; MTC VMT Policy Adoption Technical Assistance for Sonoma County, MTC

VMT Policy Adoption 1:1 Technical Assistance for Healdsburg and St. Helena; Sonoma County Housing Rezone; American Canyon Traffic Calming Program Update and Engineering and Traffic Study; Napa Valley Vision Zero Plan; CCTA Contra Costa Countywide On-Call; Solano Transportation Authority Local Roadway Safety Plans

Ian Barnes, PE
Principal-in-Charge



Ian Barnes is a Principal in Fehr & Peers' Petaluma office, where he also serves as Office Leader. A native of the North Bay, his enthusiasm for transportation and improving

communities has led to extensive experience in transportation planning and engineering projects covering a broad spectrum of project types, including industrial, infrastructure, and residential projects. Ian is recognized throughout the State of California as an expert in VMT analysis for CEQA purposes and has assisted several North Bay agencies in implementing VMT for CEQA analysis as required under Senate Bill 743. Ian is a leader in the field of program-level emergency evacuation analysis, including completing the first AB 747 and SB 99-compliant analyses for Bay Area agencies as part of the Safety Element and Housing Element updates for the County of Napa and City of Lafayette. Ian is familiar with Sebastopol and its local context through his work with the City on VMT.

RELEVANT PROJECTS

Sebastopol VMT; City of Fairfield On-Call; Hanna Boys Center; Napa Housing Element and Safety Element Updates; Petaluma SB 743; US 101/Hearn Avenue

Interchange PA/ED; Rohnert Park General Plan Update & EIR; Sonoma Hotel VMT Mitigation Measure; Kenwood Ranch Winery Evacuation Analysis

Geoff Rubendall, PE, TE, RSP1
Technical Advisor



Geoff is a Principal and North Bay Lead with extensive experience evaluating and enhancing the built environment to improve access and circulation for all modes. His

technical background includes numerous elements of transportation planning and traffic engineering, including geometric design, bicycle/pedestrian planning, traffic signal design, roadway safety lighting, rail design, traffic operations and analysis, as well as bicycle and pedestrian facility design. Geoff currently leads Fehr & Peers' Engineering Discipline Group, a group of internal staff passionate about expanding engineering knowledge and expertise and evolving the state-of-the-practice. Leveraging the value of different perspectives, Geoff collaborates with technical experts from across the firm to ensure clients have continued access to accurate data, and context-sensitive, innovative solutions. He has managed several on-call contracts, including on-call contract in San Rafael, Berkeley, and South San Francisco, making him well qualified to oversee this contract.

RELEVANT PROJECTS

SR116/West Cotati Avenue Reconfiguration; Marin County On-Call Traffic & Transportation Engineering; San Rafael Pedestrian Crossing Safety Assessments

Relevant Experience

A) Street Improvements

Telegraph Avenue Complete Streets (Oakland, CA)

Fehr & Peers was part of a team that led the Telegraph Avenue Complete Streets Plan, which worked closely with stakeholders to develop a vision for pedestrian and bicycle safety and transit enhancement transformations to the corridor. Fehr & Peers led the PS&E for the initial KONO neighborhood pilot between 20th Street and 29th Street and has been involved in various stages of the PS&E, community engagement, successful grant writing, and project evaluation between since then.

Most recently, Fehr & Peers led the signing, striping, and parking design changes to KONO and the Connecting Telegraph segment in Pill Hill and Mosswood to 100% and Temescal to 35%. In KONO, the design brought the pilot segment in line with the latest sight distance and turning vehicle speed assumptions and provided more substantial protection to the painted safety zones. This involved detailed review of each driveway, side-street sight distance, metered parking locations, ADA parking spaces, and commercial and passenger loading zones up and down the corridor. The project integrated multiple grants the City had received (ATP, HSIP) plus the City’s Paving program. This required working very closely with staff across multiple DOT divisions. Recommendations included pedestrian crossing enhancements, vehicle lane reduction, separated bike lanes and buffered bike lanes, transit islands, and transit priority at intersections. The latest PS&E phases included systemic intersection safety assessments, operational analysis, pedestrian and bicycle

level of traffic stress evaluation, transit intersection enhancements, curbside management plans, public meeting support, renderings, and signing, striping, and parking PS&E.

CLIENT NAME

City of Oakland

PROJECT START AND END DATES

10/13 – 01/20

CLIENT CONTACT

Hank Phan, Transportation Planner
T: (510) 238-6109
250 Frank H. Ogawa Plaza # 4314
Oakland, CA 94612

CONSULTANT STAFF PROJECT MANAGER

Ryan McClain

ADDITIONAL KEY STAFF INVOLVED

N/A

On-Call Traffic & Transportation Engineering (Marin County, CA)

Fehr & Peers provides on-call traffic and transportation engineering services to Marin County Public Works. The support includes activities such as intersection studies, alternatives evaluation, conceptual design, support at community meetings, and other similar activities to help the County respond to community concerns and needs as well as advance priority projects. Our two most recent task orders are described on the following page.

WOODLAND/AUBURN INTERSECTION STUDY

Fehr & Peers evaluated existing conditions, and developed and evaluated alternative intersection configurations for the Woodland/Auburn intersection in Marin County. The intersection is a T-intersection located on a curve. It serves an unincorporated community within the County, functioning as a key access point for a neighborhood. It is also located on a street that serves as a parallel route to US 101 and the SMART tracks, which can contribute to higher volumes during peak periods and higher than desired speeds. Fehr & Peers evaluated a range of alternatives including realigning approaches of the intersection, considering the needs of the local community as well as some of the adjacent constraints such as a closely spaced signal, retaining wall, and existing bridge supports limiting available right of way. Fehr & Peers presented the findings to the local community and worked with County staff to identify near-term improvements.

FOUR CORNERS INTERSECTION STUDY

Fehr & Peers evaluated existing conditions, and developed and evaluated alternatives for the Four Corners Intersection (Panoramic Highway/Sequoia Valley Road/Muir Road) in Marin County. The project involved collecting existing data, conducting field visits, evaluating available intersection and stopping sight distances, developing alternative improvements, and evaluating the alternatives across different performance criteria. The effort also included presenting the alternatives and findings to community members to gather input and address questions. Based on findings from the study, including input from the community, the County decided to advance near-term changes at the

intersection to realign the approach geometry using pavement markings and signing, and in the long-term advance an alternative to further design and implement a single-lane roundabout.

CLIENT NAME

County of Marin Public Works

PROJECT START AND END DATES

05/22 - Present

CLIENT CONTACT

Dan Dawson, Principal Transportation Planner
T: (415) 473-6530
3501 Civic Center Dr STE 304
San Rafael, CA 94903

CONSULTANT STAFF PROJECT MANAGER

Geoff Rubendall

ADDITIONAL KEY STAFF INVOLVED

N/A

SR116/West Cotati Avenue Reconfiguration (Cotati, CA)

Fehr & Peers is preparing 35% design for the reconfiguration of SR116 from Alder Drive to Redwood Drive in Cotati. The project includes realignment of the West Cotati Avenue intersection and improvements to complement proposed development projects along SR116 currently under design development.

CLIENT NAME

City of Cotati

PROJECT START AND END DATES

12/22 – Present

CLIENT CONTACT

Craig Scott, Public Works Director/City Engineer
T: (707) 665-3620
201 W Sierra Avenue
Cotati, CA 94931

CONSULTANT STAFF PROJECT MANAGER

Geoff Rubendall

ADDITIONAL KEY STAFF INVOLVED

N/A

Pedestrian Crossing Safety Assessments (San Rafael, CA)

As part of the on-call engineering contract with City of San Rafael, Fehr & Peers evaluated four locations across the city to identify appropriate safety countermeasures to address concerns from the neighborhoods and community groups. Leveraging data provided by the City and FHWA guidance, Fehr & Peers evaluated each location and provided opportunities for improvements, culminating in concept designs for each location.

CLIENT NAME

City of San Rafael Public Works

PROJECT START AND END DATES

02/20 – 02/22

CLIENT CONTACT

Rafat Raie, Deputy Director, Department of Public Works
T: (415) 485-3473
1400 Fifth Avenue
San Rafael, CA 94901

CONSULTANT STAFF PROJECT MANAGER

Geoff Rubendall

ADDITIONAL KEY STAFF INVOLVED

N/A

B) Traffic Engineering

City of American Canyon On-Call (American Canyon, CA)

Fehr & Peers is providing on-call transportation planning and engineering services to the City of American Canyon. Our projects with the City have ranged from large planning efforts and vehicular simulations, to smaller tasks such as an updated speed survey from their 2016/2017 reports.

1. American Canyon Broadway District Specific Plan EIR
2. American Canyon Engineering and Traffic Study
3. American Canyon Traffic Calming Program Update
4. Newell Drive Extension Assessment
5. SR-29 PDA Vissim Analysis

CLIENT NAME

City of American Canyon

PROJECT START AND END DATES

06/13 – Present

CLIENT CONTACT

Erica Ahmann Smithies, Public Works Director
T: (707) 647-4366
4381 Broadway Street, Suite 201
American Canyon, CA 94503

CONSULTANT STAFF PROJECT MANAGER

Ashlee Takushi

ADDITIONAL KEY STAFF INVOLVED

N/A

City of Fairfield On-Call (Fairfield, CA)

Fehr & Peers has a long-standing relationship with city staff through our on-call. We have assisted the city with both planning and engineering analysis through the Downtown Parking and Circulation Study and an SB 2 vehicle miles traveled (VMT) analysis for the Heart of Fairfield plan area. Outside of the on-call, Fehr & Peers staff maintain strong relationships with city staff through our work on development projects throughout the city.

1. Fairfield Downtown Parking & Circulation Study (On-Call)
2. SB 2 VMT Analysis (On-Call)
3. Fairfield General Plan Update
4. Green Valley II & III
5. 200 Chadbourne Fairfield VMT
6. Fairfield Corp Yard
7. Fairfield Linear Park

CLIENT NAME

City of Fairfield

PROJECT START AND END DATES

08/20 – 08/23

CLIENT CONTACT

Garland Wong, City Traffic Engineer
T: (707) 434-3803
1000 Webster Street
Fairfield, CA 94533

CONSULTANT STAFF PROJECT MANAGER

Ian Barnes

ADDITIONAL KEY STAFF INVOLVED

Ashlee Takushi (Technical Support)

Hanna Boys Center (Sonoma, CA)

Fehr & Peers is preparing a transportation assessment to support the evaluation of the Hanna Boys Center in Sonoma County, California. The Hanna Boys Center seeks to develop the 60-acre parcel of vacant land on the northeast corner of West Agua Caliente Road and Arnold Drive, and includes a mix of residential, hotel, neighborhood commercial, and institutional uses. The transportation assessment includes a CEQA VMT, site plan analysis, and evacuation analysis, and a local transportation assessment that includes a level of service assessment.

CLIENT NAME

Hanna Boys Center

PROJECT START AND END DATES

08/22 – 10/23

CLIENT CONTACT

Randall DeVoto, Principal
T: (415) 518-5782
364 Bush Street, 2nd Floor
San Francisco, CA 94104

CONSULTANT STAFF PROJECT MANAGER

Ashlee Takushi

ADDITIONAL KEY STAFF INVOLVED

Ian Barnes (Principal-in-Charge)

Los Banos Transportation Master Plan & On-Call (Los Banos, CA)

Fehr & Peers is preparing an updated Transportation Master Plan for the City of Los Banos. The City lies at the intersection of three major regional state highways – State Route 33, State Route 152 and State Route 165 – all of which run through the City as arterial surface streets. The TMP project will update the Circulation Element for new street classification types and institute new VMT-related CEQA transportation impact analysis methods, thresholds and mitigation strategies. A City-specific version of the MCAG travel demand model will also be produced as part of the project. In addition to the preparation of the TMP, Fehr & Peers serves as on-call transportation planners and engineers for the City, including review of development project transportation impact analyses on behalf of the City.

CLIENT NAME

City of Los Banos

PROJECT START AND END DATES

06/23 - Present

CLIENT CONTACT

Stacy Elms, Community & Economic Development
Director
T: (209) 827-2433
520 J Street
Los Banos, CA 93635

CONSULTANT STAFF PROJECT MANAGER

Ian Barnes

ADDITIONAL KEY STAFF INVOLVED

Ashlee Takushi (Project Engineer)

Additional Relevant Experience

MTC VMT Policy Adoption Technical Assistance

Fehr & Peers led the local technical assistance program for MTC on SB 743 implementation. This program included training modules, templates, office hours, and one-on-one assistance to guide local jurisdictions through the VMT policy adoption process. Working with Sonoma County jurisdictions through this program has provided Fehr & Peers a detailed understanding of the opportunities and challenges facing Sonoma County jurisdictions on VMT mitigation. The topic of VMT analysis and thresholds is complex and multi-faceted and Fehr & Peers was able to leverage over a decade of research into the implementation of statewide VMT measurement and reduction strategies to help local jurisdictions adopt policies and reform CEQA processes. We have developed VMT calculator tools and VMT thresholds and mitigation strategies for numerous municipalities and other lead agencies throughout the state, including Sonoma County. The materials and multi-jurisdictional training sessions and office hours are available at:

<https://abag.ca.gov/technical-assistance/sonoma-county-vmt-policy-adoption-technical-assistance-sb743>

CLIENT NAME

Metropolitan Transportation Commission (MTC)

PROJECT START AND END DATES

12/21 – Present

CLIENT CONTACT

Krute Singa, Principal Regional Planner
T: (415) 778-5365

375 Beale Street, Suite 800
San Francisco, CA 94105

CONSULTANT STAFF PROJECT MANAGER

Ashlee Takushi

ADDITIONAL KEY STAFF INVOLVED

Ian Barnes (Technical Advisor)

Sonoma Countywide ATP (Sonoma County, CA)

Fehr & Peers is developing a Countywide Active Transportation Plan for Sonoma County Transportation Authority and its partner agencies. The Countywide ATP will identify regional routes and priorities as well as prepare localized ATP updates for SCTA's ten local partner agencies. The ATP development includes extensive community engagement to inform recommendations and priorities alongside data analysis.

CLIENT NAME

Sonoma County Transportation Authority (SCTA)

PROJECT START AND END DATES

06/23 – Present

CLIENT CONTACT

Dana Turrey, Senior Transportation Planning
T: (707) 565-5376
411 King Street
Santa Rosa, CA 95404

CONSULTANT STAFF PROJECT MANAGER

Ashlee Takushi

ADDITIONAL KEY STAFF INVOLVED

Geoff Rubendall (Technical Advisor)

Sebastopol VMT (Sebastopol, CA)

Fehr & Peers is supporting the City of Sebastopol in address SB 743 and the transition of CEQA Transportation analysis from congestion-based metrics to the State-mandated metric of vehicle-miles traveled. The switch to the VMT metric enables the City to more closely align CEQA Transportation section analysis with goals and policies related to sustainability and climate; however, the VMT analysis methods and thresholds present unique challenges for agencies on the periphery of an MPO that are served by limited/infrequent transit services and/or that have a high driving mode share.

CLIENT NAME

City of Sebastopol

PROJECT START AND END DATES

08/23 – Present

CLIENT CONTACT

Kari Svanstrom
T: (707) 823-6167
7120 Bodega Avenue
Sebastopol, CA 95472

CONSULTANT STAFF PROJECT MANAGER

Ashlee Takushi

ADDITIONAL KEY STAFF INVOLVED

Ian Barnes (Principal-in-Charge)

Billing Information



2023-2024

(July 2023 through June 2024)

Hourly Billing Rates

Classification	Hourly Rate
Principal	\$250.00 - \$395.00
Senior Associate	\$215.00 - \$310.00
Associate	\$185.00 - \$275.00
Senior Engineer/Planner	\$160.00 - \$235.00
Engineer/Planner	\$135.00 - \$185.00
Senior Engineering Technician	\$150.00 - \$225.00
Senior Project Accountant	\$170.00 - \$210.00
Senior Project Coordinator	\$130.00 - \$190.00
Project Coordinator	\$115.00 - \$175.00
Technician	\$130.00 - \$170.00
Intern	\$100.00 - \$135.00

- *Other Direct Costs / Reimbursable expenses are invoiced at cost plus 10% for handling.*
- *Personal auto mileage is reimbursed at the then current IRS approved rate (65.5 cents per mile as of Jan 2023).*
- *Voice & Data Communications (Telephone, fax, computer, e-mail, etc.) are invoiced at cost as a percentage of project labor.*

Contract Modifications

If selected for the Pre-Qualified Consultants List, we would like to request the following changes to the Master Agreement. We recently signed a contract with these terms, and we would like to carry over the terms of that contract to this on-call:

1. SERVICES TO BE PERFORMED BY CONSULTANT

Changes Requested: From the effective date of this Agreement to the end of the contract, Consultant shall make monthly reports in such form as City may reasonably require to City concerning the status of the project.

2. COMPENSATION TO CONSULTANT

Change Requested: ...Invoices for work performed pursuant to the Agreement may be submitted on a monthly basis. City shall remit payment to Consultant within thirty (30) days of City's receipt of Consultant's invoice.

3. COST OF LITIGATION

Change Requested: COST OF LITIGATION: If any legal action is necessary to enforce any provisions hereof or for damages by reason of an alleged breach of any provisions of this Agreement, the prevailing party shall be entitled to receive from the losing party all costs and expenses and such an amount as the court may adjudge to be reasonable attorney's fees.

4. HOLD HARMLESS

Change Requested: Consultant shall indemnify, defend, and hold harmless City, its City Council, boards and commissions, officers, agents, and employees from and against any and all loss, damages, liability, claims, suits, costs and expenses, whatsoever, including reasonable

attorneys' fees, regardless of the merit or outcome of any claim or suit, to the extent arising from the negligent acts or omissions or willful misconduct of the Consultant in connection to the services or work conducted pursuant to this Agreement. In no event shall the cost to defend charged to Consultant exceed Consultant's proportionate percentage of fault.

Consultant shall indemnify, defend, and hold harmless the City, its City Council, boards and commissions, officers, agents and employees...

...Agreement and arising out of such negligent activities or work, and from any and all claims and losses whatsoever, including reasonable attorneys' fees, accruing or resulting to any person, firm or corporation for damage, injury or death arising out of Consultant's operations other than in its professional services under this Agreement.

5. MINIMUM LIMITS OF INSURANCE

Change Requested: 2. Automobile Liability: \$12,000,000 per accident...4. Errors and Omissions liability: \$2,000,000 per occurrence claim.

6. TERMINATION

Change Requested: ... If such default is not cured within a period of ten two (102) days after receipt by Consultant from City of written notice of default...

7. REPORTS

Change Requested: Consultant shall, at such time and in such form as the City may reasonably require, furnish reports concerning the status of services required under this Agreement.

Appendix

Application Form (Appendix A)

Resumes

APPENDIX A

APPLICATION FORM
FOR CITY OF SEBASTOPOL PRE-QUALIFIED CONSULTANTS LIST

APPLICANT

Business Name: Fehr & Peers

Contact Person for Agreement: Ian Barnes, Principal-in-Charge

Business Mailing Address: 100 Pringle Ave., Suite 600

City, State, Zip: Walnut Creek, CA 94596

Email: i.barnes@fehrandpeers.com

Phone: (925) 357-3388

Fax: (925) 933-7090

Contact Person for Proposal: Ashlee Takushi, Project Manager

Title: Sr. Transportation
Engineer/Planner

Email: a.takushi@fehrandpeers.com

Phone: (925) 357-3361

Fax: (925) 933-7090

Current City of Sebastopol Business License: Yes: Expires: No: X

Please indicate whether you currently have a City of Sebastopol Business License. Note: Consultants are not required to maintain a current City Business License, except when actively working on a project under an executed Amendment to the Master Agreement.

SERVICES OFFERED IN RESPONSE TO THIS REQUEST FOR PROPOSALS

Please list all types of work for which you wish to be considered. Consultants will be ineligible to respond to Requests for Proposals for types of work not specifically included in your application and SOQ. If you provide other types of services than those listed in the SOQ, please list them here as well.

A) Street Improvements | B) Traffic Engineering

In addition to the services included under the above disciplines, Fehr & Peers offers insight and expertise with all matters relating to transportation, including land use and transportation planning, multimodal operations and simulation, bicycle and pedestrian planning, and much more.

By signing this application and proposal, the undersigned confirms that I have read this solicitation in its entirety and understand the information and requirements described herein, including general contract terms and insurance requirements, and I agree to comply with these should my firm be selected, except as I have otherwise noted in my Proposal.

Authorized Signature: 

Date: 10/5/23



Ashlee Takushi, EIT, RSP₁

Project Manager | Senior Transportation Engineer/Planner

EDUCATION

Bachelor of Science, Civil Engineering,
California Polytechnic State University
San Luis Obispo, 2017

REGISTRATIONS

Road Safety Professional (RSP) 1 #962

Engineer in Training, State of California,
#165048

ABOUT

Ashlee is drawn to transportation engineering because of the potential to improve communities by understanding their local goals and needs, while offering new ideas that have been successfully implemented in other regions by similar community types. Since joining Fehr & Peers, Ashlee has worked on a variety of projects, gaining experience and interest in transportation impact analyses, pedestrian planning and design, and citywide safety planning. She is committed to working closely with local agencies to develop community driven solutions that improves safety for all users.

Working on a handful of Systemic Safety Analysis Reports, Local Road Safety Plans, Vision Zero Plans, and Active Transportation Plans throughout the North Bay, East Bay, and the Central Valley has allowed Ashlee to approach each project with the local context in mind, and tailor each plans needs to both the agency and community's needs. Ashlee is well-engaged in roadway safety work, serving as a leader in the company's Safety Discipline Group, and serving as a board member of the ITE San Francisco Bay Area Chapter. She is committed to working closely with local agencies to develop community driven solutions that improves safety for all users.

PROJECT EXPERIENCE

- SCTA Countywide Active Transportation Plan (Sonoma County, CA)
- Sebastopol VMT Support
- MTC VMT Technical Assistance Program (Statewide, CA)
 - 1:1 Technical Assistance provided for Healdsburg and St. Helena
- Sonoma County Housing Rezone (Sonoma County, CA)
- Hanna Boys Center TIA (Sonoma County, CA)
- Lance Drive Apartments (Santa Rosa, CA)
- Solano Transportation Authority Local Roadway Safety Plans (Cities in Solano County, CA)
- NVTVA Vision Zero Plan (Napa Valley, CA)
- City of American Canyon Traffic Calming Manual (American Canyon, CA)
- Downtown Calistoga Parking Design (Calistoga, CA)
- Yellow Rose Ranch TIA and Updates (Calistoga, CA)
- 2565 Grant Street VMT Analysis and Preliminary VMT Update (Calistoga, CA)
- Contra Costa County Safety Action and Vision Zero Plans (Contra Costa County, CA)
- Institute of Transportation Engineers (ITE) Local Road Safety Plan Brief



Ian Barnes, PE

Principal-in-Charge

EDUCATION

Master of Science in Civil Engineering,
University of California, Berkeley, 2011

Bachelor of Science in Civil Engineering,
Magna Cum Laude, California Polytechnic
State University – San Luis Obispo, 2010

REGISTRATIONS

Professional Engineer, State of California
(#C81389)

AFFILIATIONS

Institute of Transportation Engineers (ITE),
Legislative Chair

Founding Officer of the San Francisco Bay
Area chapter of the Young Professionals in
Transportation

PUBLICATIONS

*Impact of Peak and Off Peak Tolls on Traffic in
the San Francisco-Oakland Bay Bridge Corridor*
(lead author), UC Berkeley Global Metropolitan
Studies, 2011

EXPERTISE

- Traffic operations analysis for PID and PA/ED
- Arterial Traffic Operations
- Senate Bill 743 CEQA VMT analysis for transportation infrastructure projects
- Technical Software: VISSIM; SYNCHRO/SIMTRAFFIC; HCS; TRAFFIX
- Microsimulation modeling

ABOUT

Ian Barnes is an award-winning Principal in Fehr & Peers’ Petaluma and Walnut Creek offices, who also serves as Senior Market Leader for the North Bay and North Coast. A native of Sonoma County, his enthusiasm for transportation and improving communities has led to extensive experience in transportation planning/engineering projects covering a broad spectrum of project types, including industrial, infrastructure and residential projects. Ian is recognized throughout the State of California as an expert in VMT analysis for CEQA purposes and has assisted several North Bay agencies in implementing VMT for CEQA analysis as required under Senate Bill 743. Ian is a leader in the field of multimodal transportation analysis, with expertise in the Synchro, SimTraffic, VISSIM and Traffix/Vistro operations analysis programs. He is a member of the San Francisco Bay Area Section of the Institute of Transportation Engineers and a founding officer of the San Francisco Bay Area chapter of the Young Professionals in Transportation professional society.

PROJECT EXPERIENCE

- Sebastopol VMT (Sebastopol, CA)
- Sonoma County Travel Behavior Study and Travel Demand Model Update (Sonoma County, CA)
- Napa County Housing and Safety Element Updates and Evacuation Analysis (Napa County, California)
- St. Helena General Plan Update EIR (St. Helena, CA)
- Rohnert Park General Plan Update & EIR (Rohnert Park, CA)
City of Rohnert Park General Plan Update and CEQA VMT Threshold Setting (Rohnert Park, CA)
- Sonoma Plaza Hotel VMT Estimates and CEQA VMT Mitigation Measures
- Sonoma County Housing Rezone (Sonoma County, CA)
- US 101/Hearn Avenue Interchange PA/ED (Santa Rosa, CA)
- Sonoma Mountain Village Mixed-Use Transportation Analysis Update (Rohnert Park, CA)
- Petaluma SB 743 Implementation (Petaluma, CA)
- Petaluma Station Mixed-Use CEQA Transportation Analyses (Petaluma, CA)
- Montalcino Fair Share Reevaluation (Napa County, CA)
- Lathrop General Plan & Circulation Element Update (Lathrop, CA)
- Los Banos Pioneer Road Widening PSR/PDS & PA/ED (Los Banos, CA)
- City of Walnut Creek SB 743 Implementation (Walnut Creek, CA)



Geoff Rubendall, PE, TE, RSP1

Technical Advisor | Principal

EDUCATION

Bachelor of Science, Civil and Environmental Engineering, University of California, Berkeley, 2004

REGISTRATIONS

Professional Engineer (Civil), California, #71946
 Professional Engineer (Traffic), California, #2620

LEADERSHIP

Geoff leads Fehr & Peers' Engineering Discipline Group, responsible for expanding engineering knowledge and expertise and evolving the state-of-the-practice for clients in the markets we serve.

EXPERTISE

- Traffic Engineering
- Transportation Planning
- Complete Streets
- Bikeway Facility Design
- Traffic Signal Design
- Traffic Control Design
- Signing/Striping Design
- Roadway Safety Lighting Design

ABOUT

Geoff is a Principal with over 19 years of experience evaluating and enhancing the built environment. Geoff believes that considering a combination of safety, equity, and local context for each and every project is critical to improving access and circulation for all travelers within a community. Geoff's experience spans a wide spectrum of planning and engineering project areas—including traffic and safety studies, multimodal/complete streets concept development, traffic engineering assessments, and preparation of construction documents. He commits to client service and ensures projects are executed with the highest quality, on schedule, and within budget. Rooted in a drive for quality, Geoff's leadership and project management approach focuses on excellence and dependability. Whether building a team of trusted experts, critically analyzing challenges and opportunities, mitigating potential problems, or preparing deliverables, he enjoys partnering with project teams to help them realize their visions for successful projects.

PROJECT EXPERIENCE

- SR116/West Cotati Avenue Reconfiguration
- East Blithedale Avenue Pavement Rehabilitation Program (Mill Valley, CA)
- Bancroft Cycle Track Planning & Design (Berkeley, CA)
- Embarcadero Enhancement Project (San Francisco, CA)
- Lake Merced Bikeway Feasibility Study (San Francisco, CA)
- Caltrain Station Access Improvements (South San Francisco, CA)
- Grand/East Grand Signal Modification (South San Francisco, CA)
- Highway 13 Corridor Safety Improvements (Berkeley, CA)
- Ninth Street Pathway (Berkeley, CA)
- Ashby/Hillegass Pedestrian Hybrid Beacon (PHB) (Berkeley, CA)
- John Muir School Crossing Improvements (Berkeley, CA)

Selected On-Call Contracts, including:

- City of Berkeley On-Call Traffic Engineering (2016 to 2019)
- City of Berkeley On-Call Traffic Engineering (2019 to present)
- City of San Rafael On-Call Transportation MSA (2019 to present)
- City of San Rafael On-Call Electrical MSA (2019 to present)
- City of South San Francisco On-Call Traffic and Transportation Engineering (2017 to present)
- San Francisco Municipal Transportation Authority (SFMTA) on-call transportation (2016 to present)
- City of Oakland As-Needed Engineering (2016 to 2019)

