AGREEMENT WITH CONSULTANT

Facebook Campus Expansion Project (300-309 Constitution Drive)
Environmental Impact Report (Phase One)

This Agreement with Consultant ("Agreement") is entered into this 18th day of May, 2015, by and between the City of Menlo Park, a Municipal Corporation, hereinafter referred to as the "City", and ICF Jones & Stokes, Inc., hereinafter referred to as the "Consultant".

WHEREAS, Facebook, Inc. proposes to redevelop the property addressed 300-309 Constitution Drive (Assessor's Parcel Number 055-260-250), Menlo Park, with two new office buildings totaling approximately 985,719 square feet (a net increase of 149,881 square feet) plus publicly-accessible open space and a new pedestrian/bicycle bridge over Bayfront Expressway. The application also includes the potential for a 200-room limited service hotel of approximately 120,000 square feet at the corner of Chilco Street and Bayfront Expressway. The site would be constructed in phases, hereinafter referred to as the "Project", and

WHEREAS, the City has determined that under the California Environmental Quality Act and its applicable guidelines the Project requires the preparation of an Environmental Impact Report, hereinafter referred to as the "EIR"; and

WHEREAS, the City in its sole discretion has determined that the amount of compensation to be paid to the Consultant shall be the sum of up to $55,187.66 for Phase One of the EIR; and

WHEREAS, the City Manager is authorized to enter into an agreement with a consultant for consulting services up to a maximum of $56,000 per purchase requisition.

NOW, THEREFORE, the parties agree as follows:

1. The Consultant agrees to prepare phase one in accordance with the work program in Exhibit A and in accordance with CEQA and its applicable guidelines, consistent with the prevailing and customary standards of care in the industry for professional services in the preparation of environmental documentation ("Standards"), and in accordance with the agreed upon work program and schedule, as detailed in Exhibit A attached hereto, for the not to exceed sum of $55,187.66. City and Consultant further agree as follows: (i) City staff will inform Consultant of any problems in the quality of Consultant's delivered work product within a reasonable period of time, (ii) if requested by City, Consultant will complete the required revisions of such work product to the reasonable satisfaction of City; and (iii) the additional costs of completing such requested revisions will not be chargeable to the City to the extent it is established that Consultant failed to meet the Standards in completing such work, but otherwise the additional costs are recoverable under this Agreement.

2. The City agrees to pay the above-identified sum to the Consultant in consideration of the Consultant's performance of the above-described work. The amount of compensation paid to the Consultant shall not be dependent upon the City's approval or disapproval of the Project or upon any like action of the City. The Consultant shall invoice the City on a monthly basis in accordance with the fees set forth in Exhibit A attached hereto. The City shall pay all proper invoices within thirty (30) days of receipt.
3. The City shall have the right to terminate this Agreement at any time by giving 10 days written notice. Upon termination, the Consultant shall turn over to the City all of the documents, records and papers related to this Agreement, and all of the Consultant's work in progress under any and all phases of this Agreement, which shall, at the option of the City, become the City's property. In the event of termination, the City shall pay the Consultant for all services performed under this Agreement up to the date of termination. After such payment, all supporting studies, materials, and other documents, whether finished or not, shall become the property of the City.

4. In addition to the rights granted under the preceding paragraph, the Consultant may also provide Consultant Property. The term "Consultant Property" shall mean all pre-existing material, including, but not limited to, any products, software, materials and methodologies proprietary to Consultant or provided by Consultant or its suppliers, and any trade secrets, knowhow, methodologies and processes related to Consultant's products or services, all of which shall remain the sole and exclusive property of Consultant or its suppliers. Subject to the terms of this Agreement, Consultant grants to City a non-exclusive, non-transferable, irrevocable license to use the Consultant Property contained in the deliverables provided hereunder for the purposes of this Agreement.

5. The Consultant shall conduct research and arrive at conclusions with respect to its rendition of information, advice, recommendation, or counsel independently and independent of the control or direction of the City or of any City official, other than normal contract monitoring, for the entire term of this Agreement.

6. On behalf of themselves, their governing officers and employees, the parties waive all claims against each other for consequential losses or damages, and punitive damages, whether arising in contract, warranty, tort (including negligence), strict liability or otherwise, including but not limited to losses of use, excess construction costs, alternative means or methods, or losses of funding.


By [Signature] for ICF Jones & Stokes, Inc.

Date May 10, 2015

By Alex D. McIntyre, City Manager for the City of Menlo Park

Date May 18, 2015
April 29, 2015

City of Menlo Park
Community Development Department
Attn: Justin Murphy, Development Services Manager

VIA EMAIL: JICMurphy@menlopark.org

SUBJECT: Proposal to Prepare an Environmental Impact Report for the Facebook Constitution Campus Project

Dear Mr. Murphy:

ICF Jones & Stokes, Inc. (an ICF International company hereafter referred to as ICF) is pleased to present this scope and budget to prepare an Environmental Impact Report (EIR) for the proposed Facebook Constitution Campus Project (hereafter referred to as the Project). This scope of work reflects the proposed Project information provided to ICF by Menlo Park staff, knowledge of the area, and prior experience with similar projects within Menlo Park. We offer a team of highly skilled environmental professionals (Attachment A) who are familiar with the City and will produce legally defensible and comprehensive CEQA documentation allowing the Project to be developed as expeditiously as possible. Our experience on several projects in the City allows our staff to respond quickly to your needs.

The scope of work reflects recent conversations and provides a solid launching point to move through the environmental review process efficiently, thoughtfully, and diligently. This scope and budget (Attachment B) focuses on Phase I of the EIR, which includes Project initiation tasks, project management, the Notice of Preparation (NOP) process, and initial tasks associated with the Administrative Draft EIR. If selected, ICF will prepare a budget amendment for Phase II, which would include subconsultant work and the preparation of the Draft and Final EIRs. ICF proposes to invoice these costs monthly and on a time and materials basis.

This proposal is valid for a period of 90 days, at which time ICF reserves the right to revise the contents or extend the validity date, if needed. If selected, ICF looks forward to negotiating mutually acceptable terms. Please feel free to contact Erin Efner at (415) 677-7181 or erin.efner@icfi.com. We look forward to working with you on this important effort.
Firm Profile

Founded in 1969, ICF is a leading global professional services firm that provides consulting and implementation services addressing today’s most complex management, technology, and policy challenges. Our work is primarily focused in four key markets: environment and infrastructure; energy and climate change; health, human services, and social programs; and homeland security and defense. Our environmental practice provides services in environmental planning, land use planning, regulatory compliance, regulatory implementation, natural resources, and supporting environmental review. Our full-time professional staff includes environmental compliance experts, land-use and natural resource planners, wildlife and fisheries biologists, plant and wetland biologists, watershed planners, restoration experts, archaeologists, architectural historians, community affairs experts, attorneys, engineers, and information technologists. With more than 4,500 employees on six continents, we combine passion for our work with industry and technical expertise to protect and improve the quality of life.

ICF is a recognized leader in CEQA compliance, having prepared thousands of environmental impact studies and related documents since the founding of the former Jones & Stokes. Bob Jones, one of the founders of Jones & Stokes, was instrumental in drafting the legislation that ultimately became CEQA in California. Shortly thereafter, Bob joined fellow biologist Jim Stokes to form Jones & Stokes, which rose to prominence in the fields of environmental planning and natural resources management. By the time it was acquired by ICF in 2008, Jones & Stokes was one of the most well-known and well-respected firms providing NEPA and CEQA compliance services in the Bay Area and throughout the west. Although we are able to draw expertise from all west coast offices, we will service the Project primarily by our San Francisco, San Jose, and Sacramento offices.

Key Personnel

We offer unique advantages with our local knowledge and experience with issues important to the City of Menlo Park (City). This deep local knowledge and familiarity with City staff and practices directly relates to enabling us to deliver high-quality environmental support by understanding the nuances of your needs. We understand the issues important to City staff as well as members of the public and, using our relevant experience on City projects, can anticipate these needs and keep projects on schedule and budget.

The proposed ICF team, including those in Phases I and II, is shown in the organizational chart below. Qualifications and experience for key staff are provided in staff resumes (Appendix A). Rich Walter, Senior Advisor; Erin Efner, Project Director; Kirsten Chapman, Project Manager; and Jessica Viramontes, Deputy Project Manager, will lead the Project team.
Project Experience

The following section details selected CEQA projects conducted by ICF and the proposed management team in the City. This list is not exhaustive of projects completed by ICF on the Peninsula and throughout the Bay Area; additional project information is available upon request.

Commonwealth Corporate Center EIR—City of Menlo Park, California

Erin Efner served as Project Manager and Kirsten Chapman served as Deputy Project Manager. ICF prepared the EIR for the Commonwealth Corporate Center Project. The project sponsor, the Sobrato Organization, proposed to redevelop the properties at 151 Commonwealth Drive and 164 Jefferson Drive in the City. The 12.1-acre Commonwealth Site was formerly occupied by Diageo North America and has been unoccupied since July 2011. The 1.17-acre Jefferson Site is directly adjacent to the Commonwealth Site to the north. This site previously consisted of an operational warehouse building used for office and light industrial uses and associated surface parking. The existing structures at the site have been demolished and two 4-story buildings with approximately 259,920 square feet (sf) of space will be constructed. Flexible floor plans will be developed for office, biotech, and/or research and development space with a capacity of approximately 1,300 employees. The EIR was certified in summer 2014.
1300 El Camino Real—City of Menlo Park

Erin Efner is serving as Project Manager and Kirsten Chapman is serving as Deputy Project Manager. The project would demolish the existing structures in the southern portion of the project site, located at 1300 El Camino Real, and construct approximately 420,000 sf of mixed uses at the site. The uses at the project site would include 188,900 to 199,300 sf of non-medical office space; approximately 202,100 sf of residential space (202 housing units); and approximately 18,600 to 29,000 sf of retail/restaurant space.

The project site is within the El Camino Real/Downtown Specific Plan area. Since the Project’s site plan and development parameters are consistent with the development anticipated by the Specific Plan, the programmatic Specific Plan EIR is applicable to this Project. Therefore, an Environmental Checklist has been prepared to demonstrate consistency with Senate Bill (SB) 226, CEQA Streamlining for Infill Projects. During the Checklist analysis, it was determined that the proposed Infill Project would have effects that either were not analyzed in the prior Specific Plan EIR, or are more significant than described in the prior EIR, and that have no uniformly applicable development policies that would substantially mitigate such effects. Therefore, since these impacts could be significant, an Infill EIR is being prepared to analyze those effects.

Menlo Park Facebook Campus Project EIR and EIR Addendum—City of Menlo Park

Erin Efner served as Project Manager and Kirsten Chapman served as Deputy Project Manager. As part of the proposed project, Facebook moved its operations from its former facilities in the City of Palo Alto to the City. The project site consisted of a 56.9-acre East Campus, which was formerly occupied by Oracle, and a 22-acre West Campus, which was formerly owned by General Motors and TE Connectivity. The proposed project included modifications to the existing Conditional Development Permit (CDP) that applies to the East Campus by converting the 3,600 employee cap included in the CDP into a vehicle trip cap. The trip cap would allow approximately 6,600 employees to occupy the East Campus. The project sponsor also proposed to develop the West Campus to accommodate approximately 2,800 employees.

To accommodate the project sponsor’s rapid employment growth, the first phase of the Project included occupying the East Campus’ nine existing buildings, which contain 1,035,840 sf. The EIR focused the analysis at the East Campus on the impacts from the modification of the CDP to include a trip cap rather than an employee cap. The second phase of the project included developing the West Campus. The existing buildings at the West Campus would be demolished and developed with office buildings and amenities structures totaling approximately 440,000 sf.
After certification of the EIR, the project sponsor submitted revised plans for the West Campus and ICF completed an EIR Addendum.

The project was highly scrutinized by residents and nearby municipalities. The issues that required the most complex analysis in the EIR included transportation, air quality and associated health risks, population and housing, and biological resources associated with adjacency to the San Francisco Bay. Even with these concerns, the EIR and EIR Addendum were successfully completed on time and within budget to the satisfaction of the City.

**SRI International Campus Modernization Project (Master Plan) EIR—City of Menlo Park, California**

Erin Efner, Kirsten Chapman, and Rich Walter comprise the management team for the preparation of the SRI Campus EIR. SRI International is proposing to modernize its 63.2-acre Campus with phased development over the next 25 years, amend the existing employee cap, and modify other land use regulations governing the site. The proposed project would retain five of the existing 38 buildings comprising approximately 167,000 gross square feet (gsf) and would demolish the remaining 33 buildings comprising approximately 1.21 million gsf. The project would construct approximately 13 new buildings to replace the 33 being demolished and would not result in an increase of gsf; development on the site would remain at approximately 1.38 million gsf. Buildings would be replaced incrementally over the next 25 years. Over the 25-year build out period, the project site is expected to employ approximately 1,200 new employees, eventually reaching the proposed new employee cap of approximately 3,000.

**Project Understanding and General Approach**

ICF has reviewed the information provided by the City and Facebook, Inc. (Project Sponsor). Based on our review of project materials and experience with similar projects, we understand that an EIR is needed. The Project involves the redevelopment of the existing 56-acre site known as the TE Connectivity campus with two new office buildings, an event space, and potentially a hotel. The Project would demolish the nine existing buildings (comprising approximately 835,838 gsf of floor area) and construct two new office buildings containing approximately 985,719 gsf, resulting in a net new addition of approximately 149,881 gsf of building space. The Project would be built out over two phases.

Building 21 would be constructed as part of Phase I and would contain approximately 523,233 gsf of office and event uses at the eastern portion of the site. The event space would be utilized for internal Facebook events would have the capacity for up to 2,000 people. Building 22 would be constructed as part of Phase II of the Project and would involve approximately 462,486 gsf of
office uses at the western portion of the site. Maximum heights at the Project site would be
capped at 75 feet. When combined with the existing office space located within Building 23 (an
onsite building that will be renovated under a separate conditional use permit), the total office use
at the site would be 1.17 million gsf at a floor area ratio (FAR) of 0.45. As part of a future phase,
the Project could also include a 200-room, 174,800-sf limited service hotel that would be located
in the northwest corner of the site.

The proposed buildings would be located around a public open space with pedestrian and bicycle
corridor running through the middle of the site. The Project would also include construction of a
new pedestrian and bicycle bridge over Bayfront Expressway to allow connection with the Bay
Trail and Bedwell Bayfront Park. A new signalized intersection along Bayfront Expressway would
also be constructed.

Scope of Work (Phase I)

Task 1. Project Initiation/Data Collection
The EIR will be initiated by discussing key issues, reviewing completed environmental
documents, planning data collection efforts including a site visit, and refining the schedule for
completion of individual tasks.

At the outset of the EIR process, ICF will meet with City of Menlo Park staff and the Project
Sponsor team. At this meeting, the team will:

- Discuss data needs to complete the EIR.
- Confirm procedures for contacting the Project Sponsor team, City staff, and public
  agencies.
- Review and agree on schedules and deadlines.
- Discuss City preferences regarding EIR format and organization. The team will discuss
  how the proposed phasing will be presented and analyzed in the EIR.
- Discuss CEQA baseline.

The project initiation effort will also include a review of approaches to impact significance
thresholds, mitigation techniques, and Project alternatives.

This task also assumes a thorough site reconnaissance to be conducted by key EIR preparers.

Deliverables

- Data needs request for the City and Project Sponsor
- Revised schedule
- Preliminary EIR format and outline
City Involvement

Participation in EIR project initiation meeting and collection of requested information. Participation in site visit.

Task 2. EIR Project Description

ICF will prepare the Project Description based on discussions with Project Sponsor team, input from City staff, site visit, data needs responses, and review of the Project application, plan set, and supplemental reports.

A clear and accurate Project Description is essential to the EIR analysis. Based on discussions with City staff and on the Project Sponsor’s application and plans, ICF will prepare a Project Description that will incorporate the following topics:¹

- Project Overview and Background
- Project Site Location
- Project Objectives
- Project Characteristics by including:
  - Site plan
  - Development area and uses
  - Employment levels
  - Site access, circulation, and parking
  - Transportation Demand Management (TDM) Program
  - Campus design, architectural themes, massing, building design, potential sustainable design features, and materials
  - Amenities such as landscaping, lighting, signage, courtyards, and gathering spaces
  - Utilities
  - Recycling and Waste
- Phasing and Construction Scenario
- Project Approvals and Entitlements

Deliverables

- Electronic copies of the draft Project Description in MS Word and Adobe PDF format
- Electronic copies of the revised Project Description that incorporates comments from the City and the data needs responses from the Project Sponsor in MS Word and Adobe PDF format

¹ Assumes that data needs outlined in ICF’s data request have been fulfilled.
City Involvement

Participate in Project Description meetings and information collection efforts. Review and comment on the Draft Project Description.

Task 3. EIR Scope Definition

ICF will prepare the Notice of Preparation (NOP) and refine the scope of work based on discussions with staff (if necessary), input obtained from scoping sessions, and comments submitted on the NOP. The approach to this task is divided into three subtasks: NOP, Public Scoping, and Revised Scope of Work, as follows:

- **Draft and Issue Notice of Preparation.** An NOP will be prepared by ICF for City staff review. Our budget assumes that ICF will distribute to the State Clearinghouse and the County Clerk (for posting) and that the City will oversee mailing to other interested parties and public agencies.

- **Public Scoping.** ICF will attend and present at one scoping meeting (held as part of a regular Planning Commission meeting) and record comments received during the meeting. The principle objective of this scoping meeting will be to confirm or revise the list of critical environmental issues and the range of alternatives to be examined in the EIR.

- **Phase II Scope of Work.** As a result of discussion at the project initiation meeting, public scoping meeting, and responses to the NOP, the ICF team will prepare the Phase II scope of work for consideration by City staff. The Phase II scope of work would include work to be performed by subconsultants, several iterations of the Draft EIR, several iteration of the Responses to Comments/Final EIR, project management tasks, meetings and hearings, and the Mitigation Monitoring and Reporting Program (MMRP). The scope would fine-tune the data collection activities, refine impact methodologies and assumptions (e.g., number of locations for traffic counts, noise measurements, visual simulation locations, etc.), adjust significance criteria for key environmental and neighborhood issues, and affirm or revise expectations about the preparation process, schedule, and products.

**Deliverables**

- Electronic copies of draft and revised NOP in MS Word and Adobe PDF format
- Electronic copies of the final NOP in MS Word and Adobe PDF format
- Fifteen hard copies of the final NOP to the State Clearinghouse
- Phase II scope of work
City Involvement

Coordinate, announce, and conduct scoping meeting; review and comment on draft NOP; review revised scope of work (if necessary); and identify additional revisions and supplementary work, as necessary.

Task 4. Initial Administrative Draft EIR Tasks

As part of this task, ICF will conduct initial tasks associated with preparation of the Administrative Draft EIR. This could include drafting the existing setting sections for EIR sections, developing possible alternatives, and more detailed data gathering.

ICF, with help from potential subconsultants, will synthesize background information for use in the existing setting. The ICF team will collect the information necessary to define baseline conditions in the Project area. Based on our understanding of the Project vicinity, particular emphasis will be placed on the Project’s effect on air quality, traffic and circulation, and visual quality. For a description of existing conditions, ICF will also use information presented in the previously approved Menlo Park Facebook Campus EIR.

The subconsultants are currently unknown; however, it is important that they are included in start-up tasks. In particular, the transportation subconsultant may need to conduct data collection and field reconnaissance in order to determine the study intersections and roadway segments to be analyzed in the document if needed beyond what’s occurring with the General Plan Update effort. A placeholder line item is included in our budget for potential subconsultant work.

City Involvement

Input on study intersections and roadway segments to be analyzed. Review of selected noise monitoring locations. Confirmation of baseline conditions.

Task 5. Project Management and Meetings

The purpose of this task is to effectively manage the above tasks, and maintain communication with City staff. ICF project management will be responsible for coordination activities, will maintain QA/QC requirements for document preparation, and will monitor schedule and performance for all EIR work tasks. Project management subtasks also include maintaining internal communications among ICF staff and subconsultants and with City staff and other team members through emails and frequent phone contact, as well as the preparation of all correspondence. The Project Manager will coordinate internal staff, project guidance, and analysis criteria.
City Involvement

Coordination with ICF Project Manager.

Cost

The cost estimate to implement Phase I of the EIR is $55,187.66, as detailed in Attachment B.

Schedule

The preliminary schedule is included in Attachment C. However, this is just meant to show anticipated durations of deliverables since the start date is currently unknown. A revised schedule will be submitted at a later date once we have a better understanding of the start date.
A. Resumes

- Richard Walter, Senior Technical Advisor
- Erin Efner, Project Director
- Kirsten Chapman, Project Manager
- Jessica Viramontes, Deputy Project Manager
- Jessie Shen, Project Coordinator
- Shannon Hatch, Senior Air Quality/Climate Change Specialist
- Dave Buehler, PE, Senior Noise and Vibration Specialist
- Cory Matsui, Air Quality, Climate Change, and Noise Specialist
- Edward Yarbrough, Senior Architectural Historian
- Joanne Grant, Senior Archaeologist
- Diana Roberts, Environmental Analyst
- Jillian Burns, Analyst
RICHARD WALTER
Senior Technical Advisor

Rich Walter has over 25 years of experience in environmental planning, compliance strategy, permitting, and mitigation development and implementation. He has worked on numerous controversial and complex environmental planning and compliance projects. Rich has directed and participated in environmental impact assessment, alternatives analysis, and permitting processes for a variety of proposed developments including: residential subdivisions; golf courses; resorts; flood control; water pipelines; wetland restoration; marine oil terminals; natural gas power plants and pipelines; roads, highways, and bike paths; vineyards; industrial parks; telecommunications, marine landings, backhaul, and urban ring projects; and mines. He has managed projects that comply with NEPA, CEQA, ESA and CESA, NHPA, the Clean Air Act, CWA, the California Coastal Act (CCA), the Coastal Zone Management Act, as well as other state and local mandates.

Rich also co-leads ICF’s California municipal climate action planning practice, which includes advising municipal and private clients on the development of policies dealing with climate change, general plans, regional transportation plans, and NEPA/CEQA analysis of climate change impacts.

Project Experience

SRI International Campus Modernization Project EIR—City of Menlo Park, California

Serves as the project director. Conducts project management tasks, coordinates with the client, and performs senior review. SRI International is proposing to modernize its Campus with phased development over the next 25 years, amend the existing employee cap, and modify other land use regulations governing the site. Key issues to be addressed in the EIR include air quality, climate change, noise, transportation, and historic resources.

1300 El Camino Real Project Environmental Review—City of Menlo Park, California

Serves as the project director. The project will likely fulfill the requirements of Senate Bill 226 Infill Streamlining and a Negative Declaration will be prepared using the Infill Environmental Checklist. The project site is located in the El Camino Real/Downtown Specific Plan and the checklist will tier off of the EIR. The project would demolish the existing structures in the southern portion of the site and construct approximately 420,000 square feet (sf) of mixed uses at the site.

City Place Project EIR—City of Santa Clara, California

Serving as project director for CEQA review. Related (the project sponsor) proposes up to 9.16 million gross square feet (gsf) of office buildings, retail and entertainment facilities, residential units, hotel rooms, and surface and structured parking facilities. The Project would also include
large, shared open spaces throughout the 230-acre Project site, which is located at a closed municipal landfill.

**El Charro Specific Plan EIR and Permitting—City of Livermore, California**

Served as project director for an EIR for 240-acre business/commercial park in western Livermore including 1.5 million square feet of new commercial uses. Key issues included traffic along existing congested I-580 corridor, construction within 100-year floodplain, biological issues associated with Arroyo Las Positas, compatibility with adjacent quarry use, and cultural resources. Obtained all environmental permits for the project, including with the Corps, USFWS, San Francisco RWQCB, and DFG. Project also included identification and evaluation of habitat conservation areas in eastern Alameda County as mitigation options and development of off-site mitigation compensation plan.

**Peninsula Corridor Electrification Project EIR—Peninsula Corridor Joint Powers Board (Caltrain), San Francisco, San Mateo and Santa Clara Counties, California**

Serves as project director for environmental compliance for 50-mile corridor evaluation of electrification of commuter rail services from San Francisco to San Jose. Key issues include land use compatibility at the 4th and King Station in San Francisco and adjacent areas of Mission Bay, traffic, noise, aesthetics linkage to other transit systems, and transit-oriented development.

**Monterey County General Plan Update EIR—County of Monterey, CA**

Served as project director. ICF analyzed the environmental impacts of the proposed 2007 general plan update. Key issues of analysis include traffic, biological resources, air quality, agricultural land, affordable housing, and climate change. For GHG emissions, ICF prepared estimates of baseline and forecasted emissions, identified general plan policies for reducing emissions, and profiled potential climate change impacts on the county.

**Rancho Canada Village EIR—County of Monterey, California**

Served as project director for preparation of an EIR for a 281-unit market-rate and affordable housing project to convert an existing golf course to a new subdivision, community park, and restoration area. Key issues included traffic, hydrology and water quality, air quality, aesthetics, and land use compatibility. Project included GHG inventory.

**Liberty Street Residential Subdivision—Vida Development, Oakland, California**

Served as project director for IS/MND for 12-unit townhouse subdivision in unincorporated portion of Alameda County along I-580. Key issue was aesthetic design of exterior treatments.

**CEQA Significance Thresholds Support—BAAQMD, San Francisco, California**

Served as project director for technical support provided to BAAQMD for the development of new CEQA significance thresholds for GHG emissions, criteria pollutants, toxic air contaminants, and odor emissions.
ERIN EFNER
Project Director

Erin Efner is a senior project manager with ICF’s environment and planning division. She has over 15 years of environmental experience involving natural and social sciences and environmental policy. She has managed CEQA and NEPA environmental document preparation for over 11 years. Erin’s project experience includes documents for large residential projects, infill development, affordable housing, commercial/industrial projects, elementary and high schools, mixed-use developments, specific plans, General Plan Updates, and federal housing projects. Her general responsibilities include directing project teams; preparing and managing project work plans, scopes, schedules, and budgets; marketing services among existing and prospective clients; and participating in project opportunity evaluation.

Project Experience

Facebook Menlo Park Campus EIR and EIR Addendum—City of Menlo Park, California

Served as project manager for CEQA review. The proposed project includes relocation of Facebook’s operations to the City of Menlo Park. The project, which will accommodate a rapidly growing employee population, involves reoccupying the existing Sun Microsystems campus and development of a second campus nearby. The EIR evaluates impacts as they relate to both campuses. Major environmental issues include air quality and greenhouse gas, sea level rise, and visual quality.

SRI International Campus Modernization Project EIR—City of Menlo Park, California

Serves as project manager for CEQA review. SRI International is proposing to modernize its Campus with phased development over the next 25 years, amend the existing employee cap, and modify other land use regulations governing the site. Major environmental issues include transportation, air quality, and visual resources.

1300 El Camino Real Project Environmental Review—City of Menlo Park, California

Serves as the project manager. Since the project site is within the El Camino Real/Downtown Specific Plan area, the project will fulfill the requirements of Senate Bill (SB) 226 Infill Streamlining and an Infill EIR will be prepared under SB 226. The project would demolish the existing structures in the southern portion of the site and construct approximately 420,000 sf of mixed uses at the site. The uses at the project site would include 188,900 to 199,300 sf of non-medical office space; approximately 202,100 sf of residential space (202 housing units); and approximately 18,600 to 29,000 sf of retail/restaurant space.
Commonwealth Corporate Center Project—City of Menlo Park, California
Served as project manager for CEQA review. The project consists of redevelopment of the properties located at 151 Commonwealth Drive and 164 Jefferson Drive. Subsequent to demolition of the existing structures, the applicant seeks to construct two four-story office/research and development buildings totaling approximately 259,919 square feet. Major environmental issues include visual quality, noise, transportation, and air quality.

City Place Project EIR—City of Santa Clara, California
Serving as project manager for CEQA review. Related (the project sponsor) proposes up to 9.16 million gross square feet (gsf) of office buildings, retail and entertainment facilities, residential units, hotel rooms, and surface and structured parking facilities. The Project would also include large, shared open spaces throughout the 230-acre Project site, which is located at a closed municipal landfill.

Mission Rock (Seawall Lot 337/Pier 48) EIR—Seawall 337 Associates LLC, Inc., San Francisco, California
Serves as project manager for CEQA review. The Mission Rock project involves development of approximately 3.6 million square feet in the China Basin area of the City, immediately south of AT&T Park. A portion of the project site is currently vacant, consisting of a surface parking lot that primarily serves AT&T Park. The project would result in 11 new city blocks on approximately 23 acres. The project would reuse and rehabilitation of the existing Pier 48 for a variety of uses, including brewery, restaurant and retail. ICF leads a multi-disciplinary team to evaluate the changes to the project site. Major environmental issues are anticipated to be related to transportation, air quality, scenic vistas, and wind.

The Village at San Antonio Phase II Development EIR—City of Mountain View, California
Serves as senior project manager. The Village at San Antonio Center Phase II would consist of six distinct blocks that would contain office, commercial, retail, hotel, cinema, and parking uses. Elizabeth manages an internal team, as well as several subconsultants, in the preparation of a thorough and cohesive environmental impact report. Major issues for this project include potential traffic impacts.

Potrero HOPE SF Master Plan EIR/EIS—BRIDGE Housing, San Francisco, California
Serves as project manager for CEQA/NEPA review. The San Francisco HOPE SF Program, a partnership between the Mayor’s Office of Housing and the San Francisco Housing Authority, proposes to redevelop the Potrero Terrace and Annex housing developments as a part of its program to revitalize distressed public housing developments in San Francisco. These public housing developments contain 606 housing units and house a population of approximately 1,200 people. The proposed project would replace all 606 existing housing units; incorporate additional affordable housing and market-rate homes into the community; and add amenities such as open space, retail opportunities, and neighborhood services. Including the 606 public housing units, the proposed project would build up to 1,700 homes. Managed the preparation of a comprehensive EIR/EIS to evaluate the changes to the project site. Major environmental issues are anticipated to be traffic, air quality and greenhouse gas, shadow impacts to nearby parks, and scenic vistas.
KIRSTEN CHAPMAN
Project Manager

Kirsten Chapman has over seven years of experience in project management/coordination and environmental planning. She is skilled in the CEQA/NEPA process and has worked with municipal and federal clients, particularly in the San Francisco Bay Area. She is responsible for writing sections for CEQA documents such as Initial Studies (IS), Mitigated Negative Declarations (MND), Draft Environmental Impact Reports (EIR), Final EIRs, and Statements of Overriding Considerations. She assists with project management, environmental analysis, technical report preparation, quality control/quality assurance (QC/QA), and editing documents for production, as well as completing research for CEQA documents and proposals.

Years of Experience
- Professional start date: 02/2007
- ICF start date: 01/2013

Education
- BA, Environmental Studies/Economics, University of California, Santa Cruz, 2007
- BA, Politics with honors, University of California, Santa Cruz, 2007

Project Experience

Menlo Park Facebook Campus Project EIR and EIR Addendum—City of Menlo Park, California

Served as the deputy project manager. While at Atkins and ICF, conducted project management tasks and assisted with the preparation of the Draft EIR, Final EIR, and EIR Addendum. The project involved the reuse of an existing campus and the construction of 433,555 gross square feet (gsf) office building at a site across Bayfront Expressway. Facebook intends to add 9,600 employees to the two sites and would develop a TDM program to reduce transportation impacts.

1300 El Camino Real Project Initial Study—City of Menlo Park, California

Serving as the deputy project manager. The project will likely fulfill the requirements of Senate Bill 226 Infill Streamlining and a Negative Declaration will be prepared using the Infill Environmental Checklist. The project would demolish the existing structures in the southern portion of the site and construct approximately 420,000 square feet (sf) of mixed uses at the site. The uses at the project site would include 188,900 to 199,300 sf of non-medical office space; approximately 202,100 sf of residential space (202 housing units); and approximately 18,600 to 29,000 sf of retail/restaurant space.

Commonwealth Corporate Center Project EIR—City of Menlo Park, California

Serving as the deputy project manager. Conducts project management tasks such as progress reports, scope/budget development, contract preparation and tracking, client and internal coordination, and working with subconsultants. The project, which requires an EIR, involves two four-story office buildings totaling 237,000 sf of office, biotech, and R&D uses.

SRI International Campus Modernization Project EIR—City of Menlo Park, California

Serving as the deputy project manager. Supports the Project Manager by coordinating with the internal and client project team, working with the subconsultants, developing scopes, budgets,
and schedules, and tracking project completion to date. SRI International is proposing to modernize its Campus with phased development over the next 25 years, amend the existing employee cap, and modify other land use regulations governing the site.

City Place Project EIR—City of Santa Clara, California

Serving as the deputy project manager. Conducts project management tasks such as progress reports, scope/budget development, contract preparation and tracking, client and internal coordination, and working with subconsultants. Related (the project sponsor) proposes up to 9.16 million gross square feet (gsf) of office buildings, retail and entertainment facilities, residential units, hotel rooms, and surface and structured parking facilities. The Project would also include large, shared open spaces throughout the 230-acre Project site, which is located at a closed municipal landfill.

Seawall Lot 337/Pier 48 (Mission Rock) Mixed-Use Development EIR—Seawall Lot 337, LLC, City of San Francisco, California

Serving as the deputy project manager. Supports the Project Manager by coordinating with the internal and client project team, working with the subconsultants, developing scopes, budgets, and schedules, and tracking project completion to date. Seawall Lot 337, LLC proposes a mixed-use, multi-phase waterfront development. In total, the project would include approximately 3.6 million gross square feet (gsf) of flexible development including residential, commercial, and retail uses.

23rd Street/Valdez CEQA Analysis—Wood Partners, City of Oakland, California

Serving as project manager. The proposed project would include the construction of a residential and retail building totaling approximately 328,211 square feet (sf). The proposed project would include a six-story, wood-frame building, plus a basement. Up to 196 multi-family units (approximately 269,639 sf) would be provided. The project site is located within the Broadway Valdez District Specific Plan (BVDS) area and, therefore, the project-level analysis in the BVDS EIR allows the use of CEQA streamlining and/or tiering provisions for projects developed under the BVDS.

1145 Mission Street Community Plan Exemption—City of San Francisco, California

Serving as project manager. The project is located within the City’s Western SoMa Community Plan boundaries; therefore, the project is eligible for a Community Plan Exemption. The project would consist of a building approximately 30,914 gsf in size with 25 condominium units and approximately 4,400 gsf of retail space on the ground floor.

San Lorenzo Senior Housing Project IS/MND—County of Alameda and Mercy Housing California

Served as project manager. Worked with the client on deliverables, budgeting, schedule, and scope. Prepared several sections of the IS/MND and conducted senior review and editing. Mercy Housing California is proposing to redevelop 1.37 acres of land in unincorporated Alameda County (San Lorenzo) into an affordable senior housing development. The project would demolish the existing Post Office structure and construct approximately 77,420 sf of senior housing with up to 79 units.
JESSICA VIRAMONTES
Deputy Project Manager

Jessica Viramontes has eight years of experience in environmental planning and project coordination. She is skilled in the California Environmental Quality Act (CEQA) process and has worked with municipal and private sector clients, particularly in the San Francisco Bay Area, as well as the City and County of Los Angeles. She is responsible for writing sections for CEQA documents such as Initial Studies (IS), Mitigated Negative Declarations (MND), Draft Environmental Impact Reports (EIR), Final EIRs, and Statements of Overriding Considerations. She assists with project management, environmental analysis, technical report preparation, quality control/quality assurance (QC/QA), and editing documents for production, as well as completing research for CEQA documents and proposals.

Project Experience

City Place Santa Clara EIR—Related, City of Santa Clara, California

Serving as environmental analyst. Authoring several sections of the Draft EIR. The Related Companies is proposing to convert a 230-acre City-owned golf course and recreational facility located at a closed municipal landfill into a new use: a multi-phased, mixed-use development called City Place Santa Clara. 10/2014–Present.

SRI International Campus Modernization Project EIR—City of Menlo Park, California

Serving as environmental analyst. Authoring several sections of the Draft EIR. SRI International is proposing to modernize its Campus with phased development over the next 25 years, amend the existing employee cap, and modify other land use regulations governing the site. 10/2014–Present.

1066 Market Street IS/MND—City of San Francisco, California

Serving as deputy project manager. Authoring most of the IS/MND and coordinating with the client. The project involves the demolition of the existing building and parking lot and construction of a new 12-story, 120-foot-tall, approximately 297,950-gsf residential building with ground floor retail space and two levels of subterranean parking. 10/2014–Present.
1255 Scott Street EA—Community Housing Partnership, San Francisco, California
While employed with Christopher A. Joseph and Associates, served as environmental analyst. Authored several sections of the EA. The project involves upgrades to a historic structure, as well as a conversion of use from a hotel to providing services for at-risk youth. 2010.

Entrada South EIR—Newhall Development, County of Los Angeles, California
While employed with Matrix Environmental, served as environmental analyst. Authored several sections of the Draft EIR. The project includes approximately 1,500 residential units, retail, office uses as well as open space and an elementary school site. 2013–2014.

Hollywood Cherokee EIR—City of Los Angeles, California
While employed with Matrix Environmental, served as environmental analyst. Authored several sections of the Draft EIR. The project involves the construction of a 34-story residential building containing up to 376 multi-family dwelling units and a single-story, approximately 4,700-square-foot, community serving commercial building. 2013–2014.

Century Plaza Mixed-Use Development EIR—City of Los Angeles, California
While employed with Matrix Environmental, served as environmental analyst. Authored several sections of the Draft EIR and assisted with the preparation of the Final EIR. The project includes two options. Option A involves removing the existing hotel and constructing two 49-story buildings containing 293 residential dwelling units and a mix of office, hotel, and retail uses. Option B involves a similar mixed-use development but would rehabilitate and integrate the existing hotel into the project design. 2011–2012.

2004 and 2009 Housing Element EIR—City of San Francisco Planning Department, San Francisco, California
While employed with Christopher A. Joseph and Associates, served as deputy project manager and environmental analyst. Conducted project management tasks such as project tracking and client communication. Authored several sections of the Draft EIR. The proposed elements provide direction for housing to accommodate the City’s share of the regional housing need as determined by the Regional Housing Needs Allocation for 2007–2014, which shows a need for 4,159 units per year. 2009–2010.

San Francisco Enterprise Zone EIR—Mayor’s Office of Economic and Workforce Development, San Francisco, California
While employed with Christopher A. Joseph and Associates, served as environmental analyst. Authored several sections of the Draft EIR and assisted with the preparation of the Final EIR. The Enterprise Zone (EZ) is a long-term (15-year) partnership with local governments and private companies to generate new private sector investment and growth. The State provides performance based tax incentives to EZ businesses to revitalize chronically deteriorated areas; hire the most difficult-to-hire residents in private sector jobs; and retain, expand, and reward businesses that participate in the State programs. 2008–2009.
JESSIE SHEN
Project Coordinator

Jessie Shen has considerable experience performing CEQA/NEPA evaluations and responsibility, including client and subconsultant coordination, QA/QC of technical reports, internal team management, and writing ISs and technical sections of EIRs and EISs. Jessie is adept at research, data collection and analysis, and report writing. Her strong analytical skills provide basis for accurate assessments and robust policy and plan development.

Project Experience

La Palma Subdivision Project IS/MND – City of Redwood City, California

Serves as project manager. Managing an internal team plus subconsultants to prepare a subsequent EIR (SEIR) to the City of Mountain View 2030 General Plan EIR which was originally certified in 2012 (2012 EIR). The 2012 EIR did not assume the maximum capacity of development potential in the East Whisman Change Area planning district of Mountain View. The SEIR analyzes the impacts of additional office development allowed by the General Plan in the East Whisman Change Area.

Data Center Projects – City of Santa Clara, California

Serves as project manager. Managing an internal team plus subconsultants to prepare a subsequent EIR (SEIR) to the City of Mountain View 2030 General Plan EIR which was originally certified in 2012 (2012 EIR). The 2012 EIR did not assume the maximum capacity of development potential in the East Whisman Change Area planning district of Mountain View. The SEIR analyzes the impacts of additional office development allowed by the General Plan in the East Whisman Change Area.

Roddy Ranch Project – City of Antioch, California

The Roddy Ranch project entailed the development of 540 acres of residential, recreational, and hotel uses in the City of Antioch. Roddy Ranch is located in the foothills of Mount Diablo and contains significant strands of sensitive habitat and confirmed species that must be protected through the establishment of a resource management plan. During the publication of the Draft EIR, the project was revised necessitating the preparation of a Revised Draft EIR. Facing a multitude of moving parts, Jessie facilitated meetings between the Client and project developers to troubleshoot project issues, managed technical specialists, and served as a technical section writer for the Revised Draft EIR.

Pantages Bay Residential Development Project – Contra Costa County, California

Pantages Bay, a proposed residential community with individual docks and deep water access, located in unincorporated eastern Contra Costa County entailed the construction of 229 water-oriented, detached residential housing units with 129 docks. The project includes restoring bank
habitat on the Pantages property and in adjacent areas, creating emergent marsh and seasonal wetland habitat. Additionally, a vernal pool would be created at a mitigation bank off site to replace the vernal pool that would be directly affected on site. Jessie served project coordinator, directly with the Client and project developers and served as a technical writer for the Draft EIR.

Soscol Gateway Transit Center – Napa County Transportation & Planning Agency

The Napa County Transportation & Planning Agency proposed to relocate and consolidate an existing transit center and administrative offices as part of the Soscol Gateway Transit Center project. The project includes a bus transfer center, a park and ride lot, and 8,000 square feet of administrative office space in downtown Napa. Facing an aggressive timeline due work planned by the U.S Army Corp of Engineers that would render the existing transit center inaccessible, the project team completed all CEQA and NEPA documentation in six months allowing NCTPA to meet their schedule for relocation. Jessie served as a technical section writer for the IS/MND under CEQA and the primary technical writer for the EA under NEPA.

West County Health Cener Project – Contra Costa County, California

The Contra Costa County Health Services Department received a federal grant of $12 million from the Department of Health and Human Services to relocate the Richmond Health Center in the City of San Pablo. The project team facilitated the completion of technical reports to support the environmental analysis under an aggressive timeline. As the project involves federal funding, it required analysis under both CEQA and NEPA. Jessie served as a technical section writer for the IS/MND under CEQA and the primary technical writer for the EA under NEPA.

Tierra Villas Residential Development Project – City of Antioch, California

The Tierra Villas Residential Development project proposed the development of 115 single-family homes on a vacant lot in southeastern Antioch. Key concerns for the project included impacts to biological resources, farmland resources, traffic, noise, and greenhouse gas emissions. Jessie assisted in the preparation of responses to comments received on the Draft IS/MND and production of the Final IS/MND.

Employment History

ICF International. Associate. San Francisco, California. 01/2015 – Present.

Panorama Environmental, Inc. Environmental Planner. San Francisco, California. 05/2014 – 01/2015.

Circlepoint. Associate Environmental Planner. San Francisco, California. 03/2010 – 07/2012.
SHANNON HATCHER
Air Quality/Climate Change/Noise Specialist

Shannon Hatcher is an air quality, climate change, and noise project manager with extensive experience in emissions inventory development, environmental impact analysis, report preparation, and environmental noise monitoring. He manages and prepares air quality, climate change, and noise studies for a variety of transportation, infrastructure, planning, and other development projects. Shannon’s lead responsibilities include field investigations, modeling assessments, impact analysis, mitigation strategies and report preparation, and analysis and document peer review and QA/QC.

Shannon’s areas of expertise include point-, area-, and mobile-source air quality impact studies; air quality conformity analyses; air quality dispersion modeling; air quality health risk assessments; air quality permitting support; analyses of air quality regulations; emission inventory development; mitigation strategy identification and quantification; greenhouse gas (GHG) inventory; GHG impact assessment; and training.

Project Experience

Commonwealth Corporate Center Project—City of Menlo Park, California

Senior Air Quality and Climate Change Peer Review. Air quality impacts were analyzed using CalEEMod and CALINE4. GHG emissions were quantified for construction activities, area sources, electricity and natural gas consumption, water usage, wastewater treatment, refrigeration and air conditioning, and transportation using methodologies outlined in California Climate Action Registry. Health risks associated with project construction and long-term operation of the project were also evaluated.

865 East El Camino Real EIR—City of Mountain View, Santa Clara County, California

Senior Air Quality and Climate Change Peer Review. Air quality impacts were analyzed using CalEEMod and CALINE4. GHG emissions were quantified for construction activities, area sources, electricity and natural gas consumption, water usage, wastewater treatment, refrigeration and air conditioning, and transportation using methodologies outlined in California Climate Action Registry. Health risks associated with project construction and long-term operation of the project were also evaluated.

El Dorado Hills Professional Center Air Quality Analysis—El Dorado, California

Served as air quality technical analyst. Prepared program-level assessment of air impacts associated with construction and operation of a professional center. Discussed existing air
quality conditions; existing emission sources; future air quality trends; and current status of air quality management planning, including current exceedances of federal and state air quality standards; state and federal air regulations; used the EMFAC2007, CALINE-4 and, URBEMIS2002 models to evaluate air impacts associated with construction and operation of project facilities; evaluated and identified impacts expected to occur from implementation of the project; and identification of mitigation measures.

Brentwood Village Specific Plan MND Air Quality Analysis—City of Walnut, California

Served air quality technical analyst. Assisted in preparation of program-level assessment of air impacts associated with construction and operation of a new senior retirement village. This consisted of a discussion of existing air quality condition in the plan area based on published monitoring data; discussion of the current status of air quality management planning, including current exceedances of federal and state air quality standards; discussion of the state and federal air regulations; use of the URBEMIS7G model to evaluate carbon monoxide, particulate, and ozone precursor (i.e., reactive hydrocarbons and nitrogen oxides) levels and the potential for exceedances of the federal and state ambient standards; identification of air quality impacts resulting from the proposed project; and identification of mitigation measures.

Weimar-Applegate-Colfax Community Plan EIR Air Quality Analysis—Placer County, California

Served as air quality technical analyst. Prepared program-level assessment of air impacts associated with updating the Weimar-Applegate-Colfax community plan. This consisted of discussion of existing air quality condition in the plan area based on published monitoring data; discussion of existing emission sources in the plan area; discussion of future air quality trends; discussion of the current status of air quality management planning, including current exceedances of federal and state air quality standards; discussion of the state and federal air regulations; discussion of general types of impacts expected to occur from construction as a result of updating the community plan; and identification of mitigation measures.

Horseshoe Bar/Penryn and Granite Bay Community Plan Update EIR Air Quality Analysis—Placer County, California

Served as air quality technical analyst. Prepared program-level assessment of air impacts associated with updating the Horseshoe Bar/Penryn and Granite Bay community plan. This consisted of discussion of existing air quality condition in the plan area based on published monitoring data; discussion of existing emission sources in the plan area; discussion of future air quality trends; discussion of the current status of air quality management planning, including current exceedances of federal and state air quality standards; discussion of the state and federal air regulations; discussion of general types of impacts expected to occur from construction as a result of updating the community plan; and identification of mitigation measures.
DAVID M. BUEHLER, PE
Project Director, Noise and Vibration Specialist

David Buehler is a board-certified member of the Institute of Noise Control Engineering and has over 30 years of experience working as a consultant in acoustics and vibration. He conducts analysis of noise and vibration associated with transportation, construction, industrial, energy, commercial, recreation, and other projects. His expertise includes field investigations, impact and mitigation assessment, policy development, training, and project management. David has prepared numerous noise studies in the context of CEQA/NEPA documentation. He has served as an expert witness for Caltrans on several lawsuits involving highway traffic noise. In 2005, he was part of a team that received the FHWA Environmental Excellence Award for Exemplary Achievement in Ecosystems, Habitat, and Wildlife.

Key Skills

*Noise Field Investigations.* David is well-versed in the use of sound level meters and related field equipment used to conduct field studies to characterize ambient noise conditions and equipment operational noise levels. He has experience conducting field noise studies in compliance with FHWA and Caltrans requirements for highway noise study reports. He developed and implemented a field noise study training program for Caltrans that included training Caltrans staff throughout California in field noise measurement methods.

*Noise Impact and Mitigation Assessment.* David has used the Federal Highway Administration Traffic Noise Model (TNM) as required under federal noise regulations to conduct traffic noise impact and abatement studies for federally funded highway projects. He also well versed in the use of the noise analysis software program SoundPlan to evaluate complex point and line source noise analysis situations. David uses the FHWA Roadway Noise Construction Model to evaluate construction noise impacts from highway and other construction projects.

*Noise Training.* David developed and implemented a highway noise analysis training program for Caltrans that included multiple training modules covering the fundamentals of traffic noise, noise measurement procedures, noise modeling procedures, Caltrans noise policy, and noise study report preparation. David taught these courses statewide to Caltrans staff and consultants.

*Policy and Guidance Development.* David has been extensively involved in the development of Caltrans highway noise policy over the last 10 years. This includes participation in the 2006 and
2011 revisions of the Caltrans Traffic Noise Analysis Protocol. He has also participated in the preparation of several guidance manuals for Caltrans including manuals on construction vibration, pile driving noise impacts on fish, and highway noise analysis.

Project Experience

General Plan Baseline Reports and Updates—Various Cities and Counties, California

Served as noise analyst. Participated in preparation of noise baselines studies and/or noise impacts assessments for general plan updates for jurisdictions including:

- City of Visalia
- City of Half Moon Bay
- City of Davis
- City of Vallejo
- City of Folsom
- City of Oroville
- City of Modesto
- Inyo County
- Napa County
- Yolo County
- Stanislaus County
- Monterey County

General Plan EIR—City of Goleta, California

Served as noise analyst. Participated in the preparation of the general plan noise element and related EIR, including preparation of general plan noise baseline studies, noise element policies, and general plan EIR noise sections. Provided expert consultation to city staff and the planning commission in the development of noise element policies and conducted impact and mitigation analysis for the general plan EIR.

Commonwealth Corporate Center Project EIR—Menlo Park, CA

Provided technical oversight on the noise impact assessment prepared for the Commonwealth Corporate Center Project EIR in Menlo Park, CA. The assessment involved on-site noise measurements to characterize existing noise conditions and modeling of construction and traffic noise associated with implementation of the project.
CORY MATSUI
Air Quality, Climate Change, and Noise Specialist

Cory Matsui is an air quality, climate change and noise specialist with experience in environmental impact analysis and report preparation. He assists in conducting air quality, climate change and noise studies for a variety of transportation and other development projects with responsibilities including modeling, assessments, and report preparation. Cory's expertise includes point-, area-, and mobile-source air quality impact studies; GHG emissions inventory and reduction plan development; air quality conformity analyses; air quality dispersion modeling; and emission inventory development. He has experience with standard air quality modeling software including EMFAC, OFFROAD, CALRoads, and CALEEMOD. Cory also has experience preparing noise analyses and conducting noise monitoring field studies.

Key Skills

*Noise Technical Studies and Point-, Area-, and Mobile-Source Air Quality Impact Studies.* Develops CEQA and NEPA compliance for transportation and land use projects in the noise and air quality resource areas.

*GHG Emissions Inventory and Reduction Plans.* Develops GHG inventories and GHG mitigation opportunities as part of Climate Action Plans for municipal jurisdictions.

*Air Dispersion Modeling.* Uses models such as CALRoads to model carbon monoxide dispersion from vehicular traffic.

Project Experience

**SRI International Campus Modernization Project EIR—City of Menlo Park, California**
Serving as noise specialist. Authoring the noise section of the Draft EIR. SRI International is proposing to modernize its Campus with phased development over the next 25 years, amend the existing employee cap, and modify other land use regulations governing the site.

**City Place Santa Clara EIR—Related, City of Santa Clara, California**
Serving as noise specialist. Authoring the noise section of the Draft EIR. The Related Companies is proposing to convert a 230-acre City-owned golf course and recreational facility located at a closed municipal landfill into a new use: a multi-phased, mixed-use development called City Place Santa Clara.
GHG Reduction Implementation—County of Sonoma, California
Served as technical specialist. Developed a GHG emissions inventory and forecast for Sonoma County and each of its jurisdictions. GHG emissions were quantified and analyzed for all standard sectors (i.e. building energy, water, waste, etc.). GHG reduction measures were developed and quantified to help the County and jurisdictions to reduce GHG emissions and achieve their GHG reduction goals.

Municipal GHG Inventory and CAP—Monterey County, California
Served as technical lead. Developed an emissions inventory for Monterey County for its municipal operations. Identified GHG reduction measures and quantified the associated GHG reductions to assist the County in reducing its GHG emissions from municipal operations. GHG emissions were quantified and analyzed for all standard municipal sectors.

Potrero HOPE SF Master Plan EIR—City and County of San Francisco, California
Served as air quality technical specialist. Composed air quality section of EIR document for a housing project in San Francisco. Used a project-specific air quality technical report to assess the project’s impacts to air quality.

Central El Dorado Hills Specific Plan—County of El Dorado, California
Served as technical specialist for noise resource section. Composed noise section of EIR document for a specific plan development project in El Dorado County. Analyzed construction and traffic noise impacts of the project against the County’s noise standards.

El Camino Real Bus Rapid Transit Conceptual Engineering including EIR/EA and Technical Reports—Santa Clara Valley Transportation Authority/Parsons Transportation Group, California
Served as noise technical specialist. Conducted noise monitoring field work along El Camino Real in Santa Clara County with noise meter equipment. Fieldwork was conducted to capture ambient noise in the project corridor.

Sand Hill Research Project EIR—FloDesign Wind Turbine, Alameda County, California
Served as technical specialist for air quality, greenhouse gas and noise resource sections. Composed air quality, greenhouse gas, and noise section of EIR document for a wind turbine project in Alameda County. Used a project-specific air quality technical report to assess the project’s impacts to air quality and greenhouse gases. Analyzed construction and operational noise impacts of the project against the County’s noise standards.

Conditional Use Permit Modification EIR—Altamont Winds Inc., Alameda County, California
Served as air quality and climate change specialist. Evaluated the short- and long-term impacts on air quality and climate change. Tasks included modeling construction impacts with CALEEMOD and discussing the project’s contribution to increased renewable energy production.
EDWARD YARBROUGH, ASSOC. AIA
Senior Architectural Historian

Edward Yarbrough is an architectural historian with over 22 years of experience and expertise including project management, historical and architectural evaluation, and aiding clients in compliance with state and federal regulations and local ordinances. He has extensive experience with linear projects, including surveying, historic resources evaluation, determining individual and cumulative impacts, and developing avoidance and mitigation measures in coordination with lead agencies. His evaluations are informed by extensive knowledge of architecture and coupled with the ability to research and develop concise historical contexts within the cultural landscape.

Subjects of analysis have included streetscapes, commercial and residential development, urban to rural landscapes, railroad and light rail, bridges, industrial manufactory and mining, ports and transportation, military bases, immigrant worksites and housing, settlement patterns, and cultural landscapes. He has taught and is an avid student of architectural design and the technological history of buildings. His work includes a variety of studies on urban development and vernacular architecture. He has extensive NPS training and practice in public interpretation.

Edward’s evaluation and documentation experience includes Section 106, NEPA, and CEQA compliance including FOEs, Caltrans SER documents, condition assessments, historic structures reports, HABS/HAER/HALS, local preservation ordinances, and extensive experience with regulatory evaluations and reports mandated under state and federal laws. As the

Key Skills

HABS/HAER/HALS Documentation. Edward performs documentation following the concise and in-depth requirements of federal recordation frequently used to mitigate and avoid adverse effect (NEPA) and impacts (CEQA).

Assessment and Evaluation in APEs. Edward used to survey properties within architectural APE’s and determine the presence and potential effects on historic resources.

Local Preservation Ordinances. Edward organizes, surveys,

Years of Experience
- Professional start date: 05/1991
- ICF start date: 09/2008

Education
- MS, Historic Preservation (Architecture and Landscape Architecture), University of Oregon, 1996
- BA, Classical Architecture, University of California, Berkeley, 1989

Professional Memberships
- Historic Resources Committee, San Francisco Chapter AIA
- California Preservation Foundation
- San Francisco Architectural Heritage
- Los Angeles Conservancy
- Society of Architectural Historians
- DOCOMOMO-NCC Modern Architecture Preservation Organization

Certifications
- American Institute of Architects (AIA), Associate AIA, San Francisco Chapter, No. 30507280, California
- Meets Regulation 36 CVFR 61 Federal Requirements as an Architectural Historian, 48 Federal Register 44738-44739, 1983
- Advanced Interpretive Training, NPS

Training
- HUD 24 CFR – Part 58 Training: Section 106, California OHP
and inventories historic resources for local governments.

*Condition Assessments.* Edward investigates, records, and makes recommendations regarding the condition of a building or structure and documents how a proposed project may avoid impacting it adversely.

**Project Experience**

*Development/Redevelopment Projects*

**Better Market Street—City and County of San Francisco Public Works and Planning Departments, California**

Serving as lead cultural resources specialist. Analyzing and evaluating the project, a 2.3 mile corridor that proposes a major rebuild of the City’s first grand boulevard, that affects Halprin-designed streetscapes, highly sensitive historic districts, and numerous NHL-listed properties. Evaluations meet Federal Transportation Authority (lead agency) standards.

**Commonwealth Project—City of Menlo Park Planning Department, California**

Served as cultural resources lead. Evaluated a mid-century distillery as a potential historic resource for purposes of CEQA.

**Main Post Cultural Resources Consultation—The Presidio Trust, San Francisco, California**

Served as project manager/architectural historian. Wrote two HABS reports as mitigation measures for the Main Post Master Plan.

**Pebble Beach Master Plan—Monterey County Planning Department, California**

Served as lead architectural historian. Assessed and evaluated proposed project impacts (CEQA) and wrote the EA for the Pebble Beach Master Plan.

**Historic Resource On-Call Consultant—San Francisco Planning Department, California**

Served as historic resources lead. Wrote several Historic Resource Evaluations (HRE) following State CEQA Guidelines as implemented by the City of San Francisco’s Bulletin #16.

**Employment History**


JOANNE S. GRANT, RPA
Senior Archaeologist

Joanne Grant meets the Secretary of the Interior Standards (36 CFR 61) in archaeology, and is certified by the Register of Professional Archaeologists (RPA). She has over nine years of experience in both prehistoric and historic archaeology and has held management positions in fieldwork and lab work in the United States and Europe. Joanne has trained and supervised students in all aspects of fieldwork and lab policies. She has extensive experience in cultural resource management, including writing technical cultural resource documents (ASRs, HPSRs, DPR site records, Phase I, II, and III archaeological reports, and cultural sections for EIR/EIS and IS/MNDs); conducting California Historical Resources Information System (CHRIS) record searches and Native American Heritage Commission (NAHC) consultation; and archaeological surveys, evaluations, and consultations within the framework of National Environmental Policy Act (NEPA) and California Environmental Quality Act (CEQA) regulations, including Section 106 of the National Historic Preservation Act (NHPA).

Project Experience

865 E El Camino Real Residential Development Project
EIR—City of Mountain View, California

Served as lead archaeologist. Responsible for preparing the Cultural Resources section of the EIR. Conducted all background research and the archaeological field survey for this project, which included demolishing the existing commercial uses at the site and constructing a new multi-family residential development with underground parking garage and community facilities.

870 E El Camino Real Mixed Use Development Project
EIR—City of Mountain View, California

Served as lead archaeologist. Responsible for preparing the Cultural Resources section of the EIR. Conducted all background research and the archaeological field survey for this project, which included demolishing the existing apartment complex and constructing a new multi-family complex with commercial use on the street front.

Years of Experience
- Professional start date: 08/2004
- ICF start date: 07/2008

Education
- MA, Classical Archaeology, Florida State University, 2002
- BA, Humanities (Anthropology Minor), Providence College, 1996

Professional Memberships
- Society for Historical Archaeology, 2005–Present
- Society for California Archaeology, 2004–Present
- Archaeological Institute of America, 2000–Present
- Women in Transportation Seminar, 2011–Present

Certifications
- RPA No. 16184, 2007
- 40-Hour HAZWOPER Certificate No. 75474342
- Certificate of Completion, Cabrillo College Summer Institute in Archaeology, Aptos, California, 2007

Training
- 40-Hour HAZWOPER (29 CFR 1910.120(e), Oakland, California
- Section 106: Principles and Practice
100 Moffett Boulevard Residential Development Project IS/MND—City of Mountain View, California

Served as lead archaeologist. Responsible for preparing the Cultural Resources section of the IS/MND. Conducted all background research and the archaeological field survey for this project, which included demolishing the existing 180-unit apartment complex at the 9-acre site and constructing a new multi-family complex with commercial use on the street front.

SRI International Campus Modernization Project EIR—City of Menlo Park, California

Served as lead archaeologist. Responsible for preparing the archaeology analysis in the Cultural Resources section of the EIR. SRI International is proposing to modernize its Campus with phased development over the next 25 years, amend the existing employee cap, and modify other land use regulations governing the site.

Commonwealth Corporate Center Project EIR—City of Menlo Park, California

Serves as lead archaeologist. Prepared the archaeology analysis and background information in the Cultural Resources section of the EIR. The project, which requires an EIR, involves two four-story office buildings totaling 237,000 sf of office, biotech, and R&D uses in the M-2 zoning district in the City of Menlo Park.

Paragon Outlets—Paragon Outlets, LLC, Livermore, California

Served as archaeologist. Served on field crew and as co-project manager for construction monitoring effort and recovery of Native American burial remains discovered during the monitoring effort. Facilitated work with most likely descendant and directed field crew in recovery of skeletal remains.

Cultural Resources Studies for Court House—Santa Clara County/ERM Consulting, San Jose, California

Served as archaeologist. Co-wrote the cultural resources technical report. Conducted all background research for this project. Consulted with local historical societies, the NAHC, and the Native American community. Conducted the cultural resources records search at the NWIC and reviewed and processed all data. Also conducted the archaeological field survey at the project site.
ALEXA LA PLANTE
Water Quality, Water Supply

Alexa La Plante has experience in federal and state water quality permitting compliance, regulatory agency coordination, water quality technical reports and monitoring studies, water resources planning, flood management, stormwater management, natural resources, and climate change projects. She is thoroughly familiar with water resources issues, as well as water quality regulatory compliance and related technical studies, in California. Alexa authors CEQA/NEPA sections on hydrology and water quality, and develops Water Quality Assessment Reports, stormwater pollution prevention plans (SWPPPs), water quality and hydrology technical reports. Alexa also performs water quality and hydrological sampling and data analyses. Types of analyses include: water use and water demand analyses, watershed flow and temperature analyses, and water quality data analyses in freshwater lakes, reservoirs and streams. She also performs operation and maintenance of several field water quality instruments. Alexa is currently on the Board of Directors for the Water Education Foundation in Sacramento, California.

Project Experience

San Franciscoquito Creek Flood Protection, Ecosystem Restoration and Recreation Capital Project- Hwy 101 to El Camino Real—San Franciscoquito Creek Joint Powers Authority (SFCJPA), San Mateo and Palo Alto Counties, California

Serving as deputy project manager and water quality technical lead. Currently assisting with all project management tasks and the water quality/hydrological evaluation for this project. The SFCJPA is a coalition of the affected cities of East Palo Alto, Palo Alto, and Menlo Park, regional flood control districts, Stanford University, and other parties with a vested interest in flood management and environmental preservation of San Franciscoquito Creek. This project involves environmental analyses and development of an EIR for the segment of the creek located between Hwy 101 to El Camino Real.

Years of Experience
- Professional start date: 06/2001
- ICF start date: 07/2010

Education
- MS, Civil and Environmental Engineering, University of California, Davis, 2008
- BA, Environmental Studies, University of California, Santa Cruz, 2001
- University of Costa Rica (University of California Education Abroad Program)
- University of Michoacan (University of California Education Abroad Program)

Professional Memberships
- Society of Women Engineers
- California Stormwater Quality Association (CASQA)
- American Water Works Association (AWWA)

Training
- California Professional in Stormwater Quality (CPSWQ) Course, 2012
- ATV Safety Course, 2010
- Small Water Craft Operation Certification, 2007
- OSHA HAZWOPER Certification, 2003
- California Environmental Protection Agency NPDES Permit Writers Course, 2002

Languages
- Spanish, written and verbal fluency
San Francisquito Creek Flood Reduction, Ecosystem Restoration, and Recreation Project
San Francisco Bay to Highway 101—SFCJPA, California

Served as water quality specialist. ICF was retained by the SFCJPA to complete environmental compliance and permitting in support of the project. This project involves environmental analyses and development of an EIR for the segment of the creek located between the San Francisco Bay to Hwy 101. Authored the Hydrology and Water Quality Section of the EIR/EIS.

SRI International Campus Modernization Project EIR—City of Menlo Park, California

Serves as water quality specialist. Authoring the Hydrology and Water Quality section of the Draft EIR. SRI International is proposing to modernize its Campus with phased development over the next 25 years, amend the existing employee cap, and modify other land use regulations governing the site.

Commonwealth Corporate Center Project EIR—City of Menlo Park, California

Served as water quality specialist. Authored the Hydrology and Water Quality section of the Draft EIR. The project involves two four-story office buildings totaling 237,000 sf of office, biotech, and R&D uses in an M-2 zoning district in Menlo Park.

California High-Speed Train (HST) San Jose-to-Merced Section, California—California High-Speed Rail Authority

Serves as water quality specialist. Assisting the California High-Speed Rail Authority in authoring the hydrology and water quality section for the CEQA/NEPA EIR/EIS and the Hydrology/Water Quality Technical Report for the San Jose to Merced Section HST study corridor, which extends approximately 125 miles, and lies within the jurisdiction of the Central Valley, San Francisco Bay and Central Coast RWQCBs.

Bay Delta Conservation Plan—California Department of Water Resources, California

Serving as climate change author. Authoring the Climate Change Chapter of the Bay Delta Conservation Plan (BCDP) CEQA/NEPA EIR/EIS. The project is a comprehensive conservation strategy to advance the coequal planning goals of restoring ecological functions of the Delta and improving water supply reliability to large portions of the state of California. The Climate Change chapter includes project impacts of climate change on project components, such as water resources management, surface water and groundwater quality, and flooding/drainage impacts.

2010 Urban Water Management Plan Update—City of Brentwood, California

Served as project manager and author. Prepared the City of Brentwood’s (City’s) 2010 Urban Water Management Plan (UWMP) for submittal to the California Department of Water Resources (DWR) as required by the UWMP Act. The 2010 required extensive updates from the 2005 UWMP, including a new template, information, and data analyses. Conducted a water use and water demand analysis on the City of Brentwood’s water treatment system, Presented the 2010 UWMP at the City’s Board Meeting for approval and prepared the final report for an on-time submittal. Conducted all project management and coordination activities for the development of the 2010 UWMP.
DIANA C. ROBERTS
Environmental Analyst

Diana Roberts is an environmental planner in ICF’s San Jose office. She prepares and reviews California Environmental Quality Act/National Environmental Policy Act (CEQA/NEPA) environmental compliance documents (environmental impacts reports/environmental impact statements [EIRs/EISs], initial studies [ISs], mitigation monitoring and reporting programs [MMRPs], habitat conservation plans [HCPs]), technical reports, and various other document types; coordinates the activities of multidisciplinary teams; facilitates communication and information flow among team members; and writes environmental document chapters and resource sections. She has worked on environmental compliance documents for road and rail transportation, solar power, environmental restoration, water projects, local jurisdiction planning, and environmental planning.

Project Experience

SRI International Campus Modernization Project EIR—City of Menlo Park, California

Serving as technical resource author for EIR. Writing geology and soils, hazards and hazardous materials, and paleontological resources sections. SRI International is proposing to modernize its campus with phased development over the next 25 years, amend the existing employee cap, and modify other land use regulations governing the site.

Commonwealth Corporate Center Project EIR—City of Menlo Park, California

Served as technical resource author for EIR. Wrote geology and soils and hazards and hazardous materials sections. The project, which requires an EIR, involves two four-story office buildings totaling 237,000 sf of office, biotech, and R&D uses.

865 E. El Camino Real Residential Development Project EIR—City of Mountain View, California

Served as technical resource author for EIR. Wrote geological resources and public services and recreation sections. The infill project includes demolishing the existing commercial uses (restaurant, grocery store, billiard hall) at the 3-acre site and constructing a new 4-story multi-family residential development that includes 150 units, underground parking garage and community facilities on site. The primary issues include traffic and noise.
100 Moffett Boulevard Residential Development Project IS/MND—City of Mountain View, California

Served as technical resource author for IS/MND. Wrote geology and soils, hazards and hazardous materials, and public services and recreation sections. This project is an infill project that includes up to 191 residential units on an approximately 2.89-acre site currently occupied by a county office building, commercial businesses, residential units, associated surface parking and existing public street right-of-way. The project includes three two- to four-story structures with one- and two-bedroom units, a club room, fitness center, leasing office, three courtyards, and two underground parking garages.

870 E. El Camino Real Mixed Use Development Project EIR—City of Mountain View, California

Served as technical resource author for EIR. Wrote geological resources, hazards and hazardous materials, and public services and recreation sections. The infill project includes demolishing the existing 180-unit apartment complex at the 9-acre site and constructing a new 333-unit 2- to 4-story multi-family complex with 5,200 sf of commercial use on the street front. The primary issues include traffic, noise, air quality, aesthetics and compatibility with the adjacent single family residential neighborhood.

Roseburg Forest Biomass Facility EIR—Siskiyou County Planning Department, Siskiyou County, California

Technical resource author for geological resources analysis. The project involved environmental evaluation of a wood waste-fueled biomass energy project at the Roseburg Forest Products Wood Veneer Plant. Key issues include air quality, land use compatibility and neighborhood effects, traffic, noise, water supply, and hazardous waste.

San Francisquito Creek Flood Reduction, Ecosystem Restoration, and Recreation Project San Francisco Bay to Highway 101—San Francisquito Creek Joint Powers Authority, Menlo Park, California

Technical author of geological resources analysis and lead technical editor. This project would provide both flood protection and habitat restoration on Lower San Francisquito Creek. A key aspect of the project involves assessing the flood protection value of the project to the surrounding communities, including the City of East Palo Alto. The project also evaluates existing habitat, and identifies potential project impacts and habitat restoration opportunities for California clapper rail and salt marsh harvest mouse.

Upper Penitencia Creek Improvements Project—Santa Clara Valley Transportation Authority/Kimley-Horn and Associates, San Jose, California

Technical author for geological resources analysis. The project provides in-kind replacement for permanent impacts to federal and state wetlands and waters due to the Santa Clara Valley Transportation Authority’s Freight Railroad Relocation/Lower Berryessa Creek Project.
JILLIAN BURNS
Analyst

Jillian Burns has over two years of professional field biology, research, planning, and regulatory permitting experience and has worked on a variety of different projects. Her experience includes researching and monitoring different aspects of the natural environment; writing sections for CEQA documents, including Initial Studies, Environmental Impact Reports, and Infill Checklists; researching policy; project coordination; and regulatory permitting.

Project Experience

SRI International Campus Modernization Project EIR—City of Menlo Park, California

Serving as generalist section author. Preparing the Utilities and Service Systems and Land Use sections for the EIR. Assisting Deputy Project Manager with project coordination tasks. SRI International is proposing to modernize its Campus with phased development over the next 25 years, amend the existing employee cap, and modify other land use regulations governing the site.

Seawall Lot 337/Pier 48 (Mission Rock) Mixed-Use Development EIR—Seawall Lot 337, LLC, City of San Francisco, California

Serving as project analyst. Assisted management team in developing the Project Description and Notice of Preparation (NOP). Seawall Lot 337, LLC proposes a mixed-use, multi-phase waterfront development of Seawall Lot 337, rehabilitation/reuse of Pier 48, and construction of associated open spaces, public access areas, assembly areas, and an internal grid of new streets and utilities. In total, the project would include approximately 3.6 million gross square feet (gsf) of flexible development.

1300 El Camino Real Project Environmental Review—City of Menlo Park, California

Served as section author. Prepared the Biological Resources and Geology/Soils sections for the IS/MND. The project will likely fulfill the requirements of Senate Bill 226 Infill Streamlining and the environmental document. The project would demolish the existing structures in the southern portion of the site and construct approximately 420,000 square feet (sf) of mixed uses at the site.

Commonwealth Corporate Center Project EIR—City of Menlo Park, California

Served as section author. Prepared the Public Services, Utilities and Service Systems, and Other CEQA Considerations sections for the EIR. The project involved two four-story office buildings totaling 237,000 sf of office, biotech, and R&D uses in the M-2 zoning district in the City of Menlo Park.
Palo Alto Golf Course Reconfiguration EIR—City of Palo Alto, California

Served as biological resources section author. Assisted a lead biologist in wetland delineation and mapping. Performed soil surveys, plant species and habitat identification, and GPS mapping in the effort to map and delineate wetlands. Determined potential impacts to identified wetlands and special status species. Prepared the Biological Resources section for the EIR.

El Camino Real Bus Rapid Transit—Santa Clara Valley Transit Authority, Santa Clara, California

Served as project coordinator and section author. Coordinated aspects of the whole project, including coordination of preparation of CEQA/NEPA documents. Assisted project managers and technical authors in various aspects. Prepared Utilities and Service Systems and back end sections for the EIR/EA.

San Francisquito Creek Flood Reduction, Ecosystem Restoration, and Recreation Project
San Francisco Bay to U.S. Highway 101—San Francisquito Creek Joint Powers Authority, Santa Clara and San Mateo Counties, California

Served as permitting technician. Prepared all required state and federal permits for the project. Prepared a complete Corps Section 404 individual permit application and San Francisco Bay Conservation and Development Commission major permit. Assisted in the preparation of a complete CDFW lake and streambed alteration agreement package and San Francisco RWQCB Section 401 water quality certification application.

Lapis Sand Plant Reclamation—CEMEX, Marina, California

Served as biological monitor. Led and assisted monitoring of ice plant removal within two reclamation sites at the Lapis Sand Plant. Ensured crew workers did not touch or disturb the Alameda whipsnake or coast buckwheat (host plant to the federally endangered Smith’s blue butterfly). Monitored manual and chemical ice plant removal methods to protect species listed above as well as native plant species throughout the project sites. Monitored heavy construction equipment in sand dunes for protection of the coast buckwheat and Alameda whipsnake. GPS’ed various aspects of the project.
## Attachment B. Cost Estimate for the Facebook Constitution Campus Project EIR - Phase I

### Consulting Staff

<table>
<thead>
<tr>
<th>Employee Name</th>
<th>Project Role</th>
<th>Project Manager</th>
<th>Deputy PM</th>
<th>Analyst</th>
<th>Analyst</th>
<th>AQGISH Global</th>
<th>Noise</th>
<th>Hazard/Geology</th>
<th>Hydro</th>
<th>History</th>
<th>Archeology</th>
<th>Graphics</th>
<th>Editor</th>
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<td>Elise E.</td>
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<td>Chapman K.</td>
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### Subcontractor

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### Task Details

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### Total Hours

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<th>Total Hours</th>
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<td>80 hours</td>
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### Direct Expenses

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### Markup on all non-labor costs and subcontractors:

10%

### Direct Expense Subtotal:

$2,050

### Total Price:

$55,187.00

*Approved by Finance (9-1-1) S: Facebook_Budget_2016_Consit_Campus_24064-Edit"
## C. Facebook Constitution Campus Project EIR Schedule

<table>
<thead>
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<th>ID</th>
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<td>30</td>
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Project: Facebook Constitution Ca
Date: Fri 4/17/15

Public Review Period
City/Applicant Task
Consultant Task