

**Request For Proposal #10446
For
CONSULTING ARCHITECTURAL
and ENGINEERING SERVICES
to provide Preliminary Design, Environmental Review
and Permitting for the
Planned Carmel Valley Road Corporation Yard Project**

September 10, 2013

Prepared by
Paul W. Davis, AIA Architect
The Paul Davis Partnership, LLP
286 Eldorado Street
Monterey, CA 93940
(831) 373-2784

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CEQA/Environmental Review – Dennis Duffy Assoc. and subconsultants	
Landscape Architect – BFS Landscape Architects	
Geotechnical Engineer - Pacific Crest Engineering	
Structural Engineer – Howard Carter Associates	
Mechanical Engineer – AXIOM Engineers	
Electrical Engineer – AURUM Engineers	

SECTION 1: REQUIREMENTS

THE
PAUL DAVIS
PARTNERSHIP

ARCHITECTS & PLANNERS



September 10, 2013

G. H. Nichols, PE
Civil Engineer – Special Projects
c/o County of Monterey RMA Public Works
168 W. Alisal St., 2nd Floor
Salinas, CA 93901-2438

RE: RFP #10446
Architectural & Engineering Services for the Planned Corporation Facility in Carmel Valley.

Dear Mr. Nichols,

We are pleased to present our qualifications for Consulting Architectural and Engineering Services to provide Preliminary Design, Environmental Review and Permitting for the Planned Carmel Valley Road Corporation Yard Project in Carmel Valley, California

The Paul Davis Partnership, LLP is a Monterey Bay-based 27 year-old architectural firm with a long-standing reputation for award-winning design and a combined 78 years of experience and commitment by its partners. We have a proven track record working with clients to develop practical, yet aesthetically pleasing projects that function well for their users.

We believe our firm is uniquely qualified for this project because:

- We are a local firm with experience in local public and planning projects as well as design and recent approval of projects in Carmel Valley.
- We have experience in the master planning and design of public facilities on the Central Coast. Some of our long-term client relationships have been with the County of Monterey, Consulting Architect for CSU-Monterey Bay, Pebble Beach Community Services District, Monterey Regional Waste Management District, Marina Coast Water District, Monterey Peninsula Airport District, Cities of Monterey, Seaside, Marina, King City, Gonzales and Greenfield; and Monterey County Free Libraries.
- We have a proven track record of responding to our client's needs and our close proximity to the County offices and the project site will insure that response is timely and effective.
- Our principals are personally involved in all stages of the project and we work in a collaborative team effort to ensure all voices are heard and that there is a productive and cooperative atmosphere within the design team.
- We offer a wide range of specialty expertise from initial project programming for public facilities through construction close-out and LEED-certification services.



286 Eldorado Street
Monterey, California 93940

(831) 373-2784 / fax: (831) 373-7459

- Our local consultant team has been involved in the development of past projects for the County of Monterey and is experienced in working with local cities and special districts to meet the needs of their clients within strict functional and financial limits. Most have been associated with our firm and with each other on projects for over thirty years. For this project, our team includes:

Environmental Consulting:

Denise Duffy & Associates including
Arborist: Frank Ono Consulting
Traffic: Hatch Mott MacDonald
Acoustics: Illingworth & Rodkin, Inc.
Archaeologist: Archaeological Consulting
Whitson Engineers
BFS Landscape Architects
Howard Carter Associates
Axiom Engineers
Aurum Engineers
Pacific Crest Engineering Inc.

Civil Engineering:
Landscape Architect:
Structural Engineer:
Mechanical Engineer:
Electrical Engineer:
Geotechnical Engineer:

Based on our history of success and commitment to outstanding projects around the region, we believe we can provide both the service and expertise you require for the Carmel Valley Corporation Yard project.

We look forward to the opportunity of working with you on this project. Please contact me if you have any questions or need additional information regarding this proposal.

Sincerely,



Paul W. Davis, AIA
Partner & Principal Architect
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Monterey, CA 93940
(831) 373-2784 ext. 207
FAX (831) 373-7459
paulw@pauldavispartnership.com
www.pauldavispartnership.com
Limited Liability Partnership
California Registration Number: C-15182

SIGNATURE PAGE

Attachment C

RFP #: 10446

ISSUE DATE: AUGUST 20, 2013

RFP TITLE: ARCHITECTURAL & ENGINEERING SERVICES - PLANNED
CORPORATION FACILITY IN CARMEL VALLEY (APN 169-061-014)

PROPOSAL DEADLINE: SEPTEMBER 10, 2013 4:00 p.m.

CONTRACTOR MUST INCLUDE THE FOLLOWING IN EACH PROPOSAL
(1 Original and 3 Copies)

☒ All required content as defined per Section 8.0 herein
Signature Page must be included with submittal to validate your proposal.
Proposals submitted without this page will be deemed non-responsive.

☐ Check here if you have any exceptions to this solicitation.

CONTRACTOR MUST COMPLETE THE FOLLOWING TO VALIDATE PROPOSAL

I hereby agree to furnish the articles and/or services stipulated in my proposal at the price quoted, subject to the instructions and conditions in the Request for Proposal package. I further attest that I am an official officer representing my firm and authorized with signatory authority to present this proposal package.

Company Name: THE PAUL DAVIS PARTNERSHIP LLP Date: 9/10/13

Printed Name: PAUL W. DAVIS Title: PARTNER

Signature: 

City MONTEREY State CA Zip Code 93940

Business Telephone Area Code 831 Number: 373-2784

Facsimile Area Code 831 Number: 373-7459

E-mail: paul.w.e.paul.davis@partnership.com

License No. if applicable: C 15182 Expiration Date: 12/13/13

License Classification if applicable: _____ Expiration Date: _____

LOCAL DECLARATION FORM

Attachment D

RFP #: 10446
RFP TITLE: ARCHITECTURAL & ENGINEERING SERVICES
PLANNED CORPORATION FACILITY IN CARMEL VALLEY (APN 169-061-014)

COUNTY OF MONTEREY LOCAL BUSINESS DECLARATION FORM

Bidders claiming to be a "Local Vendor" as defined by the "Monterey County Local Preference Policy," adopted by the Monterey County Board of Supervisors on August 28, 2012, must certify they meet the definition of "Local Vendor" as defined and in accordance to the adopted policy. Any bidder claiming to be a local business as defined by the policy, shall so certify in writing herein that they meet all of the criteria listed within the policy, which can be accessed online at the following link:

Policy Link: <http://www.co.monterey.ca.us/admin/pdfs/LocalPreferencePolicy082912.pdf>

County shall not be responsible or required to verify the accuracy of any such certifications, and shall have sole discretion to determine if a bidder meets the definition of "local vendor" as provided herein.

Any business which falsely claims a preference pursuant to Monterey County Local Preference Policy shall be ineligible to bid on County purchases or contracts for a period of three (3) years from the date of discovery of the false certification(s).

Any business eligible for the local business preference who desires to have the preference applied during the award selection process shall return this completed Local Business Preference Declaration form with its proposal or qualifications package response. Upon request, bidder agrees to provide additional information to substantiate this certification.

Bidder certifies under penalty of perjury they have both read and confirm they meet the requirements as outlined within the County's Local Preference Policy for the procurement in question.

Business Legal

Name: THE PAUL DAVIS PARTNERSHIP, LLP Date: 9/10/13
DBA Name
(if any): _____

Business Address: 286 ELDORADO ST.

City/State/Zip MONTEREY, CA 93940

Printed Name
Authorized Representative: PAUL W. DAVIS Authorized Representative Title: PARTNER

Signature of Authorized Representative:  Date: 9/10/13

Business Telephone Area Code 831 Number: 373-2784

Facsimile Area Code 831 Number: 373-7459

E-mail: paulw@pauldavispartnership.com.

This form must be submitted within a bidder's proposal or qualifications package in order for the County to apply the applicable local preference. Failure to submit this form means that the bidder is not declaring itself a local business and there will be no local preference applied.

MONTEREY COUNTY RESOURCE MANAGEMENT AGENCY

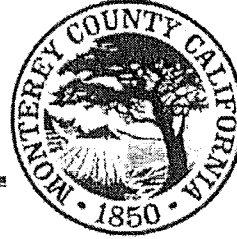
Benny J. Young, Director

Carl P. Holm, AICP, Deputy Director

Michael A. Rodriguez, C.B.O., Chief Building Official

Michael Novo, AICP, Director of Planning

Robert K. Murdoch, P.E., Director of Public Works



168 W. Alisal Street, 2nd Floor
Salinas, CA 93901
<http://www.co.monterey.ca.us/rma>

ADDENDUM NO. 01

DATE: AUGUST 29, 2013

TO THE RFP 10446 FOR:
CONSULTING ARCHITECTURAL AND ENGINEERING SERVICES TO PROVIDE
PRELIMINARY AND FINAL DESIGN, ENVIRONMENTAL REVIEW, AND PERMITTING
FOR THE PLANNED CARMEL VALLEY ROAD CORPORATION YARD PROJECT

TO: ALL INTERESTED PARTIES/BIDDERS:

THIS ADDENDUM IS ISSUED TO PROVIDE ANSWERS TO QUESTIONS RECEIVED TO DATE:

QUESTIONS RECEIVED & ANSWERS:

1. Is this pricing for our standard hourly rates, or for the particular scope outlined in Part 5.0?
The price requested is for the specific project scope outlined in the RFP.
2. The map included is not clear as to the location of the work on the property.
The location of the work is on the westerly end of the Fire District's property. The project site is shown on p.1 of the "Site Map-Prelim Lease Boundary" posted on the DPW website RFP project page.
3. Will there be a guided site visit to determine the exact area of the work?
We do not plan a pre-submittal site tour.

Addendum 01 Acknowledgment (*This Acknowledgment page must be included in bid package*):

Dated 9/10, 2013

Bidder's Business Name THE PAUL DAVIS PARTNERSHIP, LLP

By

Bidder's Signature

Bidder's Name (Print)

Bidder's Title (Print)

APPROVED FOR POSTING

G. H. Nichols, P.E., Project Manager

END OF ADDENDUM 01

MONTEREY COUNTY

RESOURCE MANAGEMENT AGENCY

Benny J. Young, Director

Carl P. Holm, AICP, Deputy Director

Michael A. Rodriguez, C.B.O., Chief Building Official

Michael Novo, AICP, Director of Planning

Robert K. Murdoch, P.E., Director of Public Works



168 W. Alisal Street, 2nd Floor
Salinas, CA 93901
<http://www.co.monterey.ca.us/rma>

ADDENDUM NO. 02

DATE: SEPTEMBER 5, 2013

TO THE RFP 10446 FOR:

CONSULTING ARCHITECTURAL AND ENGINEERING SERVICES TO PROVIDE PRELIMINARY AND FINAL DESIGN, ENVIRONMENTAL REVIEW, AND PERMITTING FOR THE PLANNED CARMEL VALLEY ROAD CORPORATION YARD PROJECT

TO: ALL INTERESTED PARTIES/BIDDERS:

THIS ADDENDUM IS ISSUED TO PROVIDE ANSWERS TO QUESTIONS RECEIVED AFTER THE ISSUANCE OF ADDENDUM 01 TO DATE:

QUESTIONS RECEIVED & ANSWERS:

1. Regarding the geotechnical investigation including determination of potential soil contamination issues, I'm receiving scopes of work that will produce a Phase I Environmental Site Assessment only. Is this what is expected in the RFP?
Yes.
2. Section 5.1 of RFP #10446 has a bullet point stating "CEQ analysis and review (IS/ND)". Can you please describe in greater detail what is expected of the CONTRACTOR for this item?
Prepare Administrative Draft Initial Study/Mitigated Negative Declaration for County review. All areas of the latest CEQA Guidelines Checklist shall be addressed.
Project Description. Define all aspects of the project, including planning, engineering details, limits of construction, affected properties, phasing if any, schedule and anticipated permitting actions.
Biological Resources. Identify any biological resources on or adjacent to the site. If wetlands or biologically sensitive resources may be impacted or altered by the project, Consultant shall document the necessary permit requirements and/or mitigation measures required to fully mitigate for the project. Consultant shall also conduct early consultation with DFG, USACOE and RWQCB if necessary to identify if these state resource agencies have any specific comments or concerns prior to completing the environmental document.
Hazards and Hazardous Materials. Prepare geotechnical and Phase I and II environmental site assessments as necessary. The findings of these studies and remediation strategies for any surface or subsurface contamination within the project area shall be documented in the Initial Study based on these reports. Impacts shall be considered significant only if the project itself will expose contaminated soils or otherwise expose people to hazardous conditions.
Hydrology and Water Quality. Existing surface drainage patterns, water quality and drainage facilities shall be documented. Changes to hydrology and water quality within the project area shall be assessed based on the post-project condition. Similarly, the quality of discharged water compared to existing runoff quality shall be discussed. Any design features included in the project, such as oil separators and outflow structures designed to improve water quality, shall be discussed in terms of their effectiveness to reduce impacts to a less than significant level. Consultant shall consult with Monterey County Water Resources Agency and Monterey County Environmental Health Division to ensure the analysis addresses the concerns of these agencies.
Traffic and Circulation. Construction of the improvements may result in temporary impacts to traffic on Carmel

Valley Road. A construction and traffic management plan will be required to ensure continued access to and operation of existing activities on adjacent properties, including schools and Fire District. These management techniques shall be documented for the Initial Study.

Other Sections. All other sections of the IS MND shall be addressed. For any issue areas where impacts will be less than significant, have no impact, or result in beneficial impacts, a reasoned discussion for each topic shall be provided for each conclusion.

Public Review Draft IS-MND. Upon receiving comments from County staff on the administrative draft CEQA document, Consultant shall incorporate comments and edits, and prepare document for public review. Consultant shall provide up to thirty (30) hard copies and twenty (20) CD versions of the IS MND and any appendices.

Final IS-MND. Following 30-day public review and circulation of the CEQA document, Consultant shall receive, review and respond to any significant environmental issues raised by the public or responsible agencies. Any resulting changes to the CEQA document shall be made or clarified. The Final IS-MND shall constitute the final CEQA document for consideration by County decision-makers in approving the project and authorizing the assessment district.

Noticing, Meetings, Hearings and Project Management. This task shall include all work effort outside of and in addition to preparing the analysis documents. Consultant shall prepare the Notice of Intent to Adopt a Negative Declaration, Notice of Completion and Notice of Determination. Consultant shall attend up to three (3) meetings and hearings through project approval. Consultant shall provide up to fifteen (15) hours of project management time, consisting primarily of communications and coordination between Consultant and the County.

Permit Assistance. In the event that any project action requires state or federal regulatory permits as may be required by USACOE, RWQCB or CDFG, Consultant shall assist the County to define the permit, permit requirements and supporting studies, and outline a strategy plan for obtaining said permits. Permit requirements shall be identified as early as possible in the process to maintain the project schedule.

3. I have a question in regards to the RFP for Consultant A/E Services for Planned Carmel Valley Road Corporation Yard Project. "Attachment B" is a sample agreement for professional services with Surveyors, Engineers, and design professionals (\$100,000 or less). Is \$100,000 or less the design fee expectations of Monterey County? If not, is it possible to see a sample agreement that does not have the \$100,000 or less limit for our review?

Templates for Consultant agreements may be viewed at <http://www.co.monterey.ca.us/admin/psa.htm>.

Addendum 02 Acknowledgment (*This Acknowledgment page must be included in bid package*):

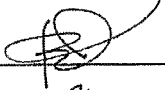
Dated 9/10, 2013

Bidder's Business Name

THE PAUL DAVIS PARTNERSHIP, LLP

By

Bidder's Signature



Bidder's Name (Print)

PAUL W. DAVIS

Bidder's Title (Print)

PARTNER

APPROVED FOR POSTING


G. H. Nichols, P.E., Project Manager

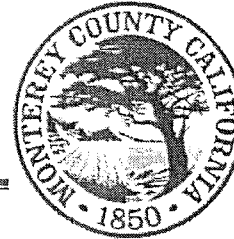
END OF ADDENDUM 02

MONTEREY COUNTY

RESOURCE MANAGEMENT AGENCY

Benny J. Young, Director
Carl P. Holm, AICP, Deputy Director

Michael A. Rodriguez, C.B.O., Chief Building Official
Michael Novo, AICP, Director of Planning
Robert K. Murdoch, P.E., Director of Public Works



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ADDENDUM NO. 03

DATE: SEPTEMBER 9, 2013

REQUEST FOR PROPOSALS FOR:

RFP 10446 CONSULTING ARCHITECTURAL AND ENGINEERING SERVICES TO PROVIDE PRELIMINARY AND FINAL DESIGN, ENVIRONMENTAL REVIEW, AND PERMITTING FOR THE PLANNED CARMEL VALLEY ROAD CORPORATION YARD PROJECT

TO: ALL PLANHOLDERS/INTERESTED PARTIES

THIS ADDENDUM IS ISSUED TO ADVISE OF THE FOLLOWING CHANGES TO THE PROJECT MANUAL/SPECIFICATIONS, PRESCRIBED FORMS, AND/OR DRAWINGS AND TO PROVIDE ANSWERS TO QUESTIONS RECEIVED:

PROJECT MANUAL AND DRAWINGS:

Additional information for interested parties is provided herewith:

REVISED DEADLINE FOR RFP SUBMITTAL: THE DEADLINE FOR SUBMITTAL OF RFPs HAS BEEN EXTENDED TO 4:00 p.m. on SEPTEMBER 12, 2013.

QUESTIONS RECEIVED & ANSWERS:

1. Please explain the relevancy and how this is to be applied to the Carmel Valley Road Corp Yard Project RFP: Second bulleted point under Section 5: Pricing, Warranty & Samples, "Warranty," on page 4 of RFP.
The referenced requirement is located in RFP Section 8.0 Proposal Requirements, Paragraph 8.1 Content and Layout, Section 5 Pricing Warranty, & Samples, second bullet Warranty, and states, "*Warranty: CONTRACTOR shall specify the warranty period for the materials and guarantee the workmanship of all items proposed. After the award, CONTRACTOR shall promptly remedy all defects without cost to COUNTY that may appear within this period. CONTRACTOR shall also specify if extended warranty is available and submit the extended warranty term period and associated cost.*" Since the services requested under this RFP relate to architectural and engineering design services, and no materials are to be provided or construction performed by the consultant, this requirement does not apply to this requested proposal.
2. Geotechnical investigation scope, specifically the reference to "potential soil contamination issues": does the County have information leading it to suspect the presence of soil contamination? If so, what specific kind of contamination? Is it the County's expectation of the consultant to assess the entire site for soil contamination, or just specific areas?
The County has no information relating to the suspected presence or non-presence of soil contamination. The site previously had a residence and garage which were burned, demolished, and removed by the Fire

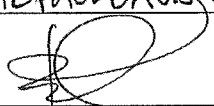
District. The requested scope of service is to assess and verify whether or not there is any contamination on the site that must be remediated prior to re-development, to recommend the extent of remediation required, if any, and to assist the County to request and obtain a certification of "No Further Action Required" from the County Environmental Health Bureau.

3. Regarding the Modular Office building, Fuel Distribution facility and the Vehicle Wash racks: Will these items be included in the construction contract or will the County be purchasing these outside of the Contract and including the installation under the Contract? Will the modular office building arrive built-out by the manufacturer to suit County needs? Will the modular office building require any retrofitting or tenant improvement design or construction under the consultant's agreement or contractor's scope? Do you have selected or preferred suppliers for any or all of these and if so, can you let us know the manufacturer and model or type anticipated and if possible cut sheets showing the equip specs and infrastructure demands. Will all these be new?

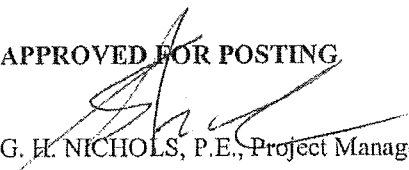
It is presently intended that these items would be included in the construction contract to be let by the County. However, part of the concept design process will be for the consultant to assist the County to determine whether or not all these facilities can be physically fit on the site, whether there is sufficient budget to afford all these items, and the most advantageous method for procurement. It is anticipated the proposed modular office building will be constructed new, and built-out to the County's design. It is not anticipated the modular office building will require any retrofitting or improvements after delivery. The County does not have any selected or preferred suppliers for these facilities. It is presently anticipated that all these facilities will be constructed new.

Addendum 03 Acknowledgment (*This Acknowledgment page must be included in bid package*):

Dated SEPTEMBER 10, 2013

Bidder's Business Name THE PAUL DAVIS PARTNERSHIP LLP
By 
Bidder's Signature PAUL W. DAVIS
Bidder's Name (Print) PARTNER
Bidder's Title (Print)

APPROVED FOR POSTING


G. H. NICHOLS, P.E., Project Manager

END OF ADDENDUM 03

**THE
PAUL DAVIS
PARTNERSHIP**

ARCHITECTS & PLANNERS



**SCOPE OF WORK
9/10/13**

Monterey County Resource Management Agency

RE: RFP #10446

**Architectural & Engineering Services for the Planned Corporation Facility
in Carmel Valley.**

Basic Services

1.0 PROJECT START UP/PRELIMINARY SITE DESIGN

- 1.1 The design team will review and document the existing site and gain an understanding of the program elements of the completed project.
- 1.2 Required deliverables by Monterey County:
 - CAD files of available site topography and site utility plan.
 - Copies of site and building surveys, title report, other reports and programming information prepared by the County for this project.
- 1.3 Initial project kick-off meeting: CONSULTANT (The Paul Davis Partnership LLP) will conduct an introductory meeting to introduce the design team to the representatives of the (County) County's DPW, RMA, Planning and end users of the building. The scope of work and project schedule will be presented and discussed and a more detailed discussion of project programming will follow. CONSULTANT will prepare an overall project schedule and a meeting agenda and distribute them prior to the meeting. CONSULTANT will distribute a project contacts list, minutes and task lists after the meeting to all on the approved distribution list.
- 1.4 A topographic map of the existing conditions of the site and adjacent properties, Carmel Valley Road right-of-way will be prepared along with the Phase 1 ESA Report, Archaeological Report and the Arborist's Report (included in the environmental consultant's scope/fee).
- 1.5 Conceptual site design studies will be prepared to illustrate how the project elements can be accommodated on the project site. It is anticipated that two meetings will be required with the CONSULTANT and the civil engineer and it is requested that the Planning Department be represented for input.

- 1.6 The environmental consultant will begin to collect information and assess the environmental conditions of the site and surrounding area.
- 1.7 The landscape architect will review conceptual site studies and respond with site plan sketches/recommendations for common areas, walks, trash enclosure, signage for site character.
- 1.8 The proposal assumes that the proposed site is sufficient for the building program.

2.0 SCHEMATIC DESIGN

- 2.1 Based on an approved conceptual site plan, the CONSULTANT will prepare schematic design documents to illustrate the design of the project and establish the scope of the plan and its functional relationships. The program will develop and document specific requirements for the project, covering items such as design objectives, limitations, and criteria; space requirements; spatial relationships; special equipment and systems; finishes; site requirements; planning approvals process and project schedule. At this time, the Planning Department will determine the applicable approval process and will provide the CONSULTANT a checklist of required documents.
- 2.2 Three meetings will be held during this phase with the County to discuss proposed site and building improvements, CEQA environmental issues/strategy and review the programming and design process.
- 2.3 Schematic Design tasks will include:
 - Preliminary design schemes with floor and site plans and exterior elevations for the facility based on the building program.
 - Preparation of preliminary Estimate of Probable Costs.
 - Preparation of the CEQA Environmental Assessment. It is assumed that the required CEQA documentation will be an Initial Study/Mitigated negative Declaration (IS/MND).
 - Prepare a Geotechnical Investigation .
 - Assist County staff to prepare the planning applications.
- 2.4 Revisions
 - Based on feedback from County meetings, we will prepare final schematic design/planning documents and plans.
 - Once the final design documents and plans, we will prepare an estimate of probable construction costs and overall project schedule.
- 2.5 Architect (CONSULTANT)
 - Provide overall project management and coordination, prepare agendas for and conduct meetings and develop meeting minutes and task lists, coordinate the tasks of the design team and deliver all required document and reports.

- Create and manage FTP site for document storage available for review and copy by project participants.
- Develop a code analysis and preliminary site accessibility plan and meet with the County's building official for review.
- Prepare schematic design site and floor plans, exterior elevations and exterior finishes and color schemes.
- Coordinate the preparation of a Preliminary Estimate of Probable Costs.
- Prepare final plans and documents, including overall project schedule, for review and approval by County.
- Provide a Construction Management Plan (a typical request by planning on previous project applications) if requested by the Planning Department with the assistance of County staff.
- Coordinate the preparation of the planning application and submittal documents.

2.6 Civil Engineer

- Prepare a CAD base plan incorporating the topographic survey, proposed sitework, and the proposed building footprint.
- Coordinate with Architect and Landscape Architect to establish site grading and drainage design, and prepare a Preliminary Site Grading and Drainage Plan. Estimate earthwork volumes based on the Site Grading and Drainage Plan, and report the volumes on the Grading and Drainage Plan.
- Prepare a Preliminary Site Utility Plan identifying site water and sewer system improvements. Other utilities design by the mechanical and electrical engineer will be shown for coordination and utility conflict identification purposes. Determine scope of work for the revisions to the existing septic tank and fields and develop fee for design and drawings.
- Prepare a Preliminary Details sheet. Details will be sufficient to describe elements of work for Owner's review, CEQA process, and preliminary cost estimating.
- Prepare a Preliminary Storm Water Management Plan identifying proposed drainage patterns and proposed post-construction stormwater controls. Prepare a Preliminary Temporary Water Pollution Control Plan (Erosion and Sediment Control Plan). Plan will be to a level of detail suitable for project planning submittals.

2.7 Landscape Architect

- Coordinate site grading and surface drainage for hardscape and planting areas with Civil Engineer.
- Prepare schematic landscape site plan for use in County Use Permit submittal. Prepare materials and finishes submittal of site furnishings, sign, exterior courtyard, and trash enclosure for Client review. Submit for Owner review of materials and finishes.
- Prepare two photo simulations.

2.8 Environmental Consultant

- Coordinate with the County, as needed, to determine the level of environmental review required for the project and the technical studies and documents that will be required for the approval process. For the purposes of this proposal, it is assumed that the required CEQA documentation will be an Initial Study/Mitigated Negative Declaration (IS/MND).
- A Draft Project Description defining all aspects of the project will be developed including, but not limited to, project background, location, goals and objectives, planning and engineering details, limits of construction, affected properties and phasing (if any), construction schedule and equipment, graphics to illustrate the project plans, and anticipated permitting actions. A Draft Project Description will be sent electronically to the County for review and comment. Based on comments received from the County, DD&A will finalize the Project Description for inclusion in the IS/MND.
- Preparation of an Administrative Draft IS/MND; Preparation of a Screencheck Draft and Public Draft IS/MND; Preparation of Responses to Comments and Final IS/MND; Preparation of a Mitigation Monitoring and Reporting Plan (MMRP): **The scope for this document is very detailed and can reviewed in the consultant's (Denise Duffy & Associates) written scope of work and their consultant team in their information provide in Section 7 Appendices. This scope of is in line with the RFP's Addendum No. 2.**

2.9 Geotechnical Engineer

- Preparation of the Geotechnical Investigation and Report to include code required information for the design of the building and pavement subgrade and building/structure foundations.

3.0 PLANNING APPROVALS

- 3.1 Once the planning application is submitted, the goal of this phase is to assist County staff to manage the approvals process, provide additional and/or revised documents and attend public and departments meetings until the project is approved.
- 3.2 It is anticipated that the CONSULTANT will attend up to four County staff/department meetings, one Land Use Advisory Committee meeting and two public hearings.
- 3.3 Architect
 - Provide overall project management and coordination and attend meetings with staff and public hearings (including presenting the project before the LUAC and ZA or Planning Commission).
 - Provide revisions to the submittal documents as requested County staff.
 - Provide ridge pole staking according to the Planning Department's requirements.

- The ultimate result of this phase cannot be defined and the CONSULTANT'S team has done their best to anticipate what will be necessary for a typical approval process. We request that the County recognize that additional services may be required for additional meetings and graphics based upon public comments. Our fee proposal includes 50 hours for CONSULTANT.

3.4 Environmental Consultant

- Project Management/Meetings: Will include attendance in two County staff/department meetings, one Carmel Valley Land Use Advisory Committee (LUAC) meeting, and one public hearing.
- Assist the project team in all elements of application completeness and requests for additional information by the County. This task also includes preparing the Notice of Determination within five business days of project approval and document adoption. This task assumes up to fifteen hours of project management services, consisting primarily of communication between the project team and the County. These services may also include assistance with the preparation of CEQA Findings, Resolution, and Staff Reports.
- Permitting Assistance In the event that any project action requires state or federal regulatory permits as may be required by USACOE, RWQCB, CDFW, or USFWS, consultant will assist the County to define the permit, permit requirements and supporting studies, and outline a strategy plan for obtaining said permits. Consultant will provide the County with a draft and final memorandum describing the requested information in coordination with the project team and County. Permit requirements will be identified early in the planning process, as described above, in order to maintain the project schedule.

3.5 Civil Engineer

- Provide revisions to the submittal documents as requested by County staff.

3.6 Landscape Architect

- Provide revisions to the submittal documents as requested by County staff.

4.0 CONSTRUCTION DOCUMENTS & BUILDING PERMIT

4.1 The preparation of the Construction Documents, setting forth in detail the requirements for the construction of all aspects of the project for the receipt of a building permit and construction bids.

4.2 Construction Documents Process

- When given approval by the County to proceed, CONSULTANT will conduct a phase kick-off meeting with design team and County to review the scope and discuss schedule, project goals and deliverables.

- The design team will meet to establish work tasks and identify information required from others to complete construction documents.
- The design team will prepare construction documents based on the approved Design Phase package, including written specifications that establish, in detail, the quality levels of materials and systems required for the project.
- CONSULTANT and required consultants will meet approximately two times to review the progress of construction documents with County Staff.
- The County will review the documents at appropriate phases for accuracy in meeting the project goals and requirements. Upon review and completion of any necessary changes, the design team will be authorized to move forward to the permitting and bidding work.
- Plan Check/ Building Permit – The design team will assist County staff with the preparation of building and grading permit applications and will work with the County's Building department and other County departments to obtain the permits required for construction based on the requirements of appropriate codes, regulations and the conditions of approval.

4.3 Architect

- Provide overall project management and coordination, prepare agendas for and conduct meetings and develop meeting minutes and task lists, coordinate the tasks of the design team and deliver all required document and reports.
- Will conduct design review meetings with the County to illustrate the CDs reflect the previously approved design and program elements including finishes, lighting, mechanical/electrical systems, Tel-Com system and other information.
- Finalize the exterior site plan development plans.
- Complete final plans and documents, including the overall project schedule, for review and approval. Incorporate applicable Conditions of Approval and other requirements received from the planning submittal.
- Coordinate preparation of Estimate of Probable Costs.
- Coordinate the plan review process and permitting of the project through the required jurisdictions.
- Complete, along with the County, the Project Manual including the County's 'Front End' and our technical specifications.

4.4 Structural Engineer

- Finalize plans, and calculations based on the Design Development package for construction bids and submittal for permit.
Specific activities will include:

MODULAR OFFICE BUILDING – provide tie-down or perimeter foundation details for modular building delivered to site. It is assumed that the structural engineering, permitting and construction of the structure are the responsibility of the manufacturer.

PREFABRICATED METAL BUILDING – provide foundation and slab design and bunker walls. Will coordinate with the steel building manufacturer's design for the structure. The steel manufacturer will be required to provide structural drawings and calculations for the building.

ABOVE-GROUND FUEL DISTRIBUTION FACILITY AND
AUTOMATED VEHICLE WASH – provide foundation design only.

- Edit or mark up Specifications provided by the Architect
- Coordinate and review final plans with design team.

4.5 Mechanical Engineer

- Assist County staff in the preparation, submittal and processing of applications for utility services for gas.
- Complete plans and specifications for submittal to the Building Department. This will include calculations for energy conformance, HVAC, hot water and plumbing, specifications as well as:

MODULAR OFFICE BUILDING

- Design sizing of water service for domestic hot water, cold water and hot water recirculation piping within the building, to a point five feet outside the building
- Design sizing of sanitary waste line and vent piping to a point five feet outside the building
- Design sizing of natural gas loads for PG&E meter
- Select and specify domestic water heater

METAL GARAGE BUILDING

- No HVAC work is anticipated for this building assuming:
 - o No vehicle repairs will be performed in this building
 - o Building will be naturally ventilated using a combination of ridge vents and open doors
- Design domestic cold water piping from a point five feet outside the building to hose bibs within the garage
- Select and specify sand/oil interceptor, and design trench drain system and piping between trench drain and interceptor

ABOVE-GROUND FUEL DISTRIBUTION FACILITY

- Assist in preparing specification and design for turn-key, above-ground fuel storage tank and vehicle fueling system

AUTOMATED VEHICLE WASH RACK

- Design natural gas piping from point of connection downstream of PG&E meter to domestic water boiler
- Design domestic cold water piping from five feet outside of building to point of connection to wash system and domestic water boiler
- Design sanitary waste piping from five feet outside of building to point of connection to wash system
- Select and specify sand/oil interceptor, and design trench drain

- system and piping between trench drain and interceptor
- Design interconnecting hot water, cold water, compressed air and water reclamation piping between components of wash system

- Provide final coordination with design team.

4.6 Electrical Engineer

- Assist County staff in the preparation, submittal and processing of applications for utility services for phone and electrical power.
- Finalize Load Calculations and Single Line Diagram
- Finalize Electrical Distribution
- Power and Lighting circuiting
- Finalize provisions for Data System (conduits, cables and outlets with county coordination)
- Finalize provisions for CATV System (conduits, cables and outlets with County coordination)
- Finalize provisions for Telephone System (conduits, cables and outlets with County coordination)
- Finalize provisions for Security System (conduits and boxes with County coordination)
- Finalize Fire Alarm System Design (Deferred Approval)
- Title 24 Lighting Calculations (site and building)
- Finalize Electrical Specifications
- Provide final coordination with design team.

4.7 Civil Engineer

- Assist County staff in the preparation, submittal and processing of applications for utility services for water.
- Update CAD base plan to incorporate revised sitework and building layouts received from project architect and landscape architect. Incorporate applicable Conditions of Approval and other requirements received from the planning submittal.
- Develop the Site Grading and Drainage Plan with details to a level of detail suitable for County Building and Grading Permit submittals, bidding, and construction.
- Finalize the Storm Water Management Plan, incorporating changes made in the Grading and Drainage Plan, for Building Permit and Grading Permit submittals. Develop storm drainage calculations and details as required for Building Permit and Grading Permit submittals.
- Estimate earthwork volumes based on the final Site Grading and Drainage Plan.
- Complete paving and Septic System design.
- Finalize the Temporary Water Pollution Control Plan (Erosion and Sediment Control Plan) to a level of detail suitable for Building Permit and Grading Permit submittals.
- Develop Civil Specifications for items of work within Civil scope

4.8 Landscape Architect

- Incorporate applicable Conditions of Approval and other requirements

- received from the planning submittal.
- Coordinate site grading and surface drainage for hardscape and planting areas with Civil Engineer.
- Prepare construction documents
 - Landscape Construction Plan and Details
 - Irrigation plan
 - Planting plan
 - Irrigation and Planting details
- Complete construction documents including specifications and submit to Architect for County Building Department permit.
- Prepare Water Use Calculations for permit submittal.

4.9 Geotechnical Engineer

- Review the site grading/drainage and foundation plans and issue a Plan Review Letter to the Client.

5.0 BIDDING ADMINISTRATION

5.1 Provide interpretive services and handle procedures and documentation during bidding.

5.2 Bidding Process

- The design team will assist the County during bidding by holding a pre-bid meeting, answer bidder's questions and issue addenda as necessary.
- CONSULTANT to attend the bid opening and to assist the County in reviewing the bids submitted and to determine the lowest responsible bidder.

6.0 CONSTRUCTION ADMINISTRATION

6.1 The Paul Davis Partnership's responsibility to provide Basic Services for the Construction Administration Phase begins with the issuance of a contract between the County and a Contractor and terminates at the issuance to the Owner of the Certificate of Occupancy. The anticipated length of construction is estimated to be 16 months.

6.2 The design team will be a representative of, advise, and consult with the County during construction.

6.3 CONSULTANT shall visit the project at appropriate intervals during construction to become generally familiar with the progress and quality of the contracts' work and to determine if the work is proceeding in general accordance with the Contract Documents. Our scope does not allow for detailed inspections or to provide exhaustive or continuous project review and observation services. CONSULTANT does not guarantee the performance of, and shall have no responsibility for, the acts or omissions of any contractor, subcontractor, supplier or any other entity furnishing materials or performing any work on the

project. CONSULTANT will attend construction meetings/site visits on a weekly basis during the first 4-5 weeks and bi-weekly after that and provide written field observation reports for all site visits.

- 6.4 The design team will provide written answers to contractor's RFI's within three days after receipt.
- 6.5 The design team will review the Contractor's submittals for design compliance. Contractor shall send all required submittals directly to CONSULTANT for review and copy the County. The Design Team shall review Contractor submittals pertaining to items such as shop drawings, product data, samples, and other data for the limited purpose of checking for general conformance with the design concept and the information expressed in the Contract Documents. This review shall not include review of the accuracy or completeness of details, such as quantities, dimensions, weights or gauges, fabrication processes, construction means or methods, coordination of the work with other trades or construction safety precautions, all of which are the sole responsibility of the Contractor. The design team's review shall be conducted within seven days.
- 6.6 Our team will provide clarification of the documents, respond to County and Contractor inquiries, document any revisions, and prepare Architect's Supplemental Instructions and Change Orders.
- 6.7 The Architect will review Contractor's payment applications prior to the County's processing procedure.

7.0 PROJECT CLOSEOUT/TURNOVER

- 7.1 Assist the County during the construction contract completion process.
- 7.2 CONSULTANT will provide a substantial completion punch list for the County and Contractor to review and execute. Once the conditions for the substantial completion punch list are met, we will perform a final punch list walk.
- 7.3 Review and approve the final change order log prior to release of retained payments to the contractor.
- 7.4 Coordinate a final meeting with the contractor to provide turnover of the facility, warranty information, maintenance manuals and provide instruction on the building systems, etc.
- 7.5 Recommend issuance of the Final Notice of Completion to the County Recorder's office by the County.
- 7.6 Prepare copies of the approved record documents, submittals, specifications and record drawings for delivery to the County.

SCOPE OF WORK EXCLUSIONS

- Changes in Scope listed in the RFP
- Special Inspection required by the California Building Code and inspections/tests required by the Geotechnical Engineer during construction
- Fire protection sprinkler system design
- Structural design of the Manufactured Modular Building, the Manufactured Steel Building structural frame and the manufactured components of the Fuel Distribution Facility and Vehicle Wash Rack.
- Septic System design – once the site design is establish and impacts on the existing system are determine, a fee will be developed to design the revisions to the existing system.
- Underground utilities locating
- Hazardous material clean up and/or evaluation
- USGBC LEED documentation/certification
- Qualified SWPPP Developer (QSD) services, which includes SWPPP preparation
- Qualified SWPPP Practitioner (QSP) services, which includes site stormwater monitoring
- Construction Staking
- Plans for disposal of excess soil material off site
- Offsite improvements plans
- As-Built topographic site plan preparation

Assumptions

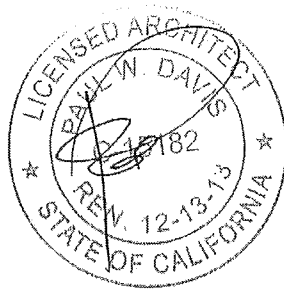
- The modular building is a 'Plug and Play' unit with completed electrical/lighting, HVAC and plumbing systems.

SECTION 2: PRE-QUALIFICATIONS/LICENSING REQUIREMENTS

PRE-QUALIFICATIONS/LICENSING REQUIREMENTS

RE: RFP #10446
Architectural & Engineering Services for the Planned Corporation Facility in
Carmel Valley.

The Paul Davis Partnership LLP and our consultants are ready, available,
appropriately licensed and exceed the requirements for this project.



SECTION 3: PROJECT EXPERIENCE & REFERENCES

KEY STAFF MEMBERS

Paul W. Davis AIA Architect

Paul W. Davis has been in the field of Architecture for over 28 years, first as a Project Architect for Davis, Jacobowsky, Hawkins and Walker Associates, Inc. and now as a partner of The Paul Davis Partnership. With background in all facets of design and construction, he offers skills from Conceptual Development through Construction Administration. Paul W. Davis currently serves as a member of the Planning Commission for the City of Monterey, Chair of the Design Review Board for San City and Consulting Architect for CSU Monterey Bay.

Selected Public Project Experience:

Monterey Peninsula Waste Management District site design and buildings
Pebble Beach Community Services District site design and buildings
Gonzales Police and Emergency Services Department
California State University Monterey Bay new and remodeled building.
Andrew Ausonio Library, Castroville
Castroville Child and Family Development Center
Monterey County Behavioral Health offices in Marina
Marina Public Safety Building
Watsonville Youth Center
Greenfield Children Service Center
Monterey Public Library Expansion
Greenfield Library
King City Library
Greenfield Community Center
Community Hospital of the Monterey Peninsula

Selected Pre-Manufactured Building Projects:

Gonzales Police and Emergency Services Department
Monterey Peninsula Waste Management District

- Material Recovery Facility (100,000 sf), Marina
- Heavy Equipment Shop addition/remodel
- Household Hazardous Waste and Last Chance Mercantile Buildings

Holman Ranch Winery Building (un-built to date), Carmel Valley
Graniterock, Seaside

- Materials and Office building
- Display Center (under construction)

Graniterock Pavex Division heavy equipment shop expansion (currently in design phase), San Jose
Signature Glass building, Salinas

Selected Carmel Valley Projects

Bernardus Lodge
Carmel Valley Ranch Resort
Carmel Valley Athletic Club
Carmel River Inn
Holman Ranch renovation and Winery/Caves
White Oaks Plaza

Ryan Cornelsen
Associate AIA
Project Manager

Ryan has worked in Architectural offices in Monterey County since 1996. His experience is varied from custom homes and remodels to hospitality and public buildings, commercial buildings and renovations, tenant improvements, and accessibility upgrades. Since joining The Paul Davis Partnership in 2002, he has successfully managed projects large and small. Some of the projects on which Ryan managed for the team are:

Public / Institutional Buildings:

Fort Ord Reuse Authority offices, Imjin Office Park, Marina
Carpenters Union Local 605 & Conf Center, Imjin Office Park, Marina
Integrated Health Services for Monterey County renovation, Marina
Community Services District and Fire Station additions, Pebble Beach
Bureau of Land Management Offices, Imjin Office Park, Marina
Monterey County Free Library, Castroville Branch
Castroville Child & Family Resource Center
Police Emergency Services Building, Gonzales
Dining Commons renovation, Cal State Univ. Monterey Bay
Center for Reading and Diagnostics renovation, Cal State Univ. Monterey Bay
Student Center renovation, Cal State Univ. Monterey Bay
Starbucks kiosk, Cal State Univ. Monterey Bay

Hospitality:

Carmel Valley Ranch Resort Lodge, Spa, Fitness & Tennis renovation
Carmel Valley Athletic Clubhouse reconstruction

Commercial:

The Bay School, Santa Cruz
Valley Center Bowl, Arcade and Grille renovation, Salinas
Castlewood West Residential Care Facility renovation & addition, Pacific Grove
Housing Authority of the County of Monterey Fanoie Road Apartments, Gonzales

Heather Marquard AIA, LEED AP
Architect, LEED Faculty,
Specifications, Project Manager
California License No. C31736

Heather Marquard has worked as an architect, designer, project manager and sustainable consultant during the course of her 20 year career. She is a licensed architect in Michigan and California. Her experience covers a wide variety of projects including commercial, health care, educational, hospitality, government and industrial, ranging in size from 100 s.f. to 1,000,000 s.f. She is a LEED Accredited Professional, USGBC Faculty Member, CSI-certified Construction Documents Technologist, certified Toastmaster, and member of the following organizations: USGBC Northern California and Detroit chapters, AIA Monterey Bay Board of Directors, City of Marina Design Review Board and Monterey County Commission on the Status of Women.
Role: Architect, Project Manager.

Specific Project Experience for Heather Marquard:

Public / Institutional Buildings:

Greenfield Civic Center, City Hall & Police Facility
CSU Monterey Bay – Dining Commons Remodel (LEED Consultant)
Imjin Office Park for Non-Profit or Government Entities including MCWD & FORA (LEED Consultant)

Hospitality:

Carmel Valley Ranch Resort Renovations – Hotel Rooms and Golf Club
La Playa Hotel, Carmel-by-the-Sea – Hotel Room renovations
Asilomar Conference Center – Conference Grounds Building Accessibility Upgrades
Stanford University Hopkins Marine Station – Miller Library Exterior Renewal,
Blinks Column & Patio Retrofit, Fisher Laboratory Exterior Renewal

Commercial:

Community Hospital Properties (Community Hospital Properties, Laboratory Services):
Primary Care and Urgent Care offices in Carmel
Lab Services in Monterey and Carmel
Medical Office Building, Suite Remodels/Exams (ENT, Pediatrician, Internist)
Community Hospital of the Monterey Peninsula:
Patient Room Upgrades
Cancer Center Nurse Call
Wound Care Services
New Employee Gym and Fitness Classroom
Laboratory Services Renovations; Imaging Offices Renovation

PROJECT EXPERIENCE AND REFERENCES

RE: RFP #10446
Architectural & Engineering Services for the Planned Corporation Facility in Carmel Valley.

Monterey Peninsula Waste Management District, Marina

We developed a new integrated site development plan at the existing landfill for administrative, recycling, power generation and hazardous materials handling uses. The projects that we designed over the next 10 years include:

- Administration Building Addition and Renovation with new Truck Scales (1994)
- Landfill Gas Co-generation Power Project (1995)
- 100,000 sf Material Recovery Facility (1996)
- Last Chance Mercantile and Household Hazardous Waste Industrial Buildings (1996)
- Heavy Equipment Shop Building addition/remodel is constructed in 2002-2003
- Addition to Weigh Master's Kiosk (un-built)

Client: William Merry, General Manager (831) 384-5313
wmerry@mrwmd.org

Pebble Beach Community Services District, Pebble Beach

A community services building and fire station was originally designed and constructed in the 1970's by Paul E. Davis. Since that time, our firm has been hired to provide major expansions and interior remodels.

- Remodel of the district's offices and the construction of an new heavy equipment repair and storage building
- Addition to the heavy equipment storage/shop building and a new heavy equipment garage building and site improvements
- Additions and remodel of the fire station

Client: Michael Niccum, General Manager (831) 647-5604
mniccum@pbcsd.org

Gonzales Police and Emergency Services Department

As a sub-consultant on a GSA Design/Build contract, we designed the Gonzales Police and Emergency Services Department for SSB Construction. The building was a manufactured engineer steel building designed to fit into the fabric of downtown Gonzales.

Client: Steve Goldman, SSB Construction Inc. (831) 424-1647
sgoldman@ssbconstruction.com

City of Gonzales: Chief Paul Miller (831) 675-5010

City Manager Rene Mendez (831) 675-5000

SECTION 4: ENVIRONMENTALLY FRIENDLY PRACTICES

ENVIRONMENTALLY FRIENDLY PRACTICES

RE: RFP #10446
Architectural & Engineering Services for the Planned Corporation Facility in Carmel Valley.

The Paul Davis Partnership utilizes passive design concepts as well as the most environmentally sensitive materials and means of construction in every project we undertake. This manifests itself through site and building design that is responsive to the environment and respectful of our shared resources. Over the years, our firm has worked on many projects that have allowed us to develop specification and materials libraries that allow for integration of sustainable practices within wide ranges of construction budgets. Our thinking creates a lens through which we view all portions of the project, asking if there is a more environmentally sensitive and appropriate way to design and construct.

for the Planned Corporation Facility, we will apply our philosophy regarding environmentally sound practices in design and construction generally stem from the following criteria:

- Respond to the site and its unique topographic and landscape features, solar access for natural warmth and light, wind orientation for protection as well as ventilation and the ability for the building to positively contribute to the surrounding environment.
- Design a structure that integrates the site features with building layouts, forms and features, minimizing effect on the environment.
- Design that minimizes the use of energy from fossil fuels and water long term and reduces the amount of waste that the building can produce.
- Use of design and construction techniques that focus on locally manufactured or provided materials that are salvaged, refurbished, have recycled content, are made from rapidly renewable sources or utilize alternate systems that are more environmentally friendly in their operation.

Our consultants are also able to provide various options regarding sustainable landscape, mechanical, and electrical design. Landscape solutions focus on drought-tolerant, native plantings with creation of an outdoor space that connects with existing surroundings. On the mechanical side, techniques include a variety of energy efficient systems, harvesting on-site renewable energy and cooling resources, and utilizing newer technologies in order to lower operational costs. Lighting, switching, controls and power are evaluated in terms of system design, energy conservation, and ease of use by the occupants.

Our intent is to substitute design materials and practices with alternative solutions that can be easily understood and accommodated by the general contractor and the available local labor pool. Our hope in designing and constructing sustainable projects is to steadily turn the building industry onto these environmentally-friendly practices.

Our most recent LEED certified projects include:

CSU-Monterey Bay Dining Commons Renovation – LEED Silver

Imjin Office Park, Marina – LEED Silver

The Paul Davis Partnership LLP was presented with a Green Business Certification Award by the Monterey Bay Area Green Business Program in 2011



Green Business Certification Award

Presented to **The Paul Davis Partnership, LLP**

on **December 12th, 2011**

**For Exceeding Environmental Regulatory
Requirements, Preventing Pollution, and
Conserving Natural Resources**

*Monterey Bay Area Green Business Program
Angela Brantley, City of Monterey Solid Waste Program Manager*

SECTION 5: PRICING

PRICING (Fee Proposal)

RE: RFP #10446
Architectural & Engineering Services for the Planned Corporation Facility in
Carmel Valley.

Our fee proposal is in a separate sealed envelope as requested.

SECTION 6: EXCEPTIONS

EXCEPTIONS TO MONTEREY COUNTY RFP#10446

RE: RFP #10446
Architectural & Engineering Services for the Planned Corporation Facility in
Carmel Valley.

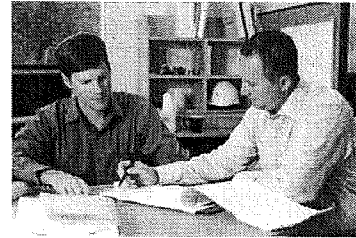
We do not have exceptions to the RFP.

SECTION 7: APPENDICES



WHITSON ENGINEERS is a general civil engineering firm, founded in 1979, focusing on providing the best in residential and commercial land development, governmental engineering, project management, and land surveying services. Our goal is to provide accurate, responsive, value-added service to our clients. As a result, we have established positive, long-term relationships with local agencies and municipalities, permitting authorities, developers, architects, utility service providers, and the community.

WHITSON ENGINEERS' projects are located primarily in Monterey, Santa Cruz, San Benito, and Santa Clara Counties, and our goal is to continue to provide services specific to these areas. We have earned the respect of our local public agencies for both our civil engineering and land surveying services, and regularly provide these services as a consultant to many of these agencies.



WHITSON ENGINEERS strives to provide first class service to our clients and maintain a high degree of professionalism in our work. We work to maintain the long-term relationships which we have established with our clients, our local agencies, and our community. As a result, almost without exception new clients are the result of referrals from public agencies, other design professionals, and our current clients.



We continually expand our capabilities and equipment, in response to the changing requirements of the profession and of individual projects. Our firm has LEED accredited professionals and Qualified SWPPP Developers and Practitioners (QSDs/QSPs) on staff and Whitson Engineers has received multiple recognitions from the Regional Water Quality Control Board on our innovative use of Low Impact Development (LID) techniques. We strongly believe in the use of emerging technologies to make work more efficient and productive. Our firm uses AutoCAD Civil 3D, ArcView GIS, and other engineering, graphics, and visual simulation-related software. The efficiencies provided by our computerization have allowed us to essentially eliminate the need for separate engineering and drafting functions on our projects. We have fully equipped survey crews which are able to provide our clients all the survey requirements for any project. Utilizing the latest in Trimble global positioning systems (GPS) and total robotic stations, our professional staff has the latest in technology at their disposal to provide innovative solutions and thus an increase in productivity for our clients.

WHITSON ENGINEERS' Corporate Headquarters is located in Laguna Seca Office Park, near York Road in Monterey. Our close proximity to the project site and to the County offices in Salinas enables our staff to be accessible and available for face-to-face meetings on short notice. We also have offices located in Soquel and Los Angeles to meet the needs of our expanding client base.

WHITSON ENGINEERS is a California Corporation and a State of California Certified Small Business Enterprise (SBE). We are also a Certified Green Business by the Monterey Bay Area Green Business Program. In 2008 and again in 2012 Whitson Engineers was voted one of the "Best Places to Work" by the Monterey County Business Council, and "Small Business of the Year" in 1990 by the Monterey Peninsula Chamber of Commerce and Visitors and Convention Bureau.

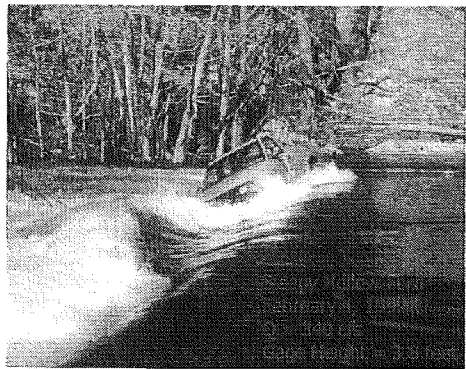
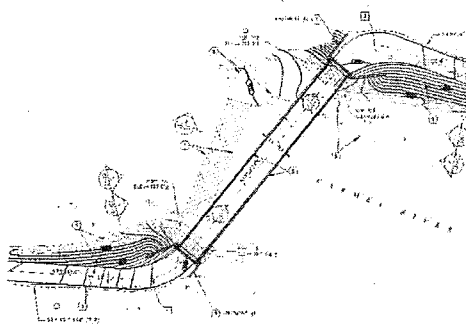


WHITSON ENGINEERS has received several awards for engineering and business excellence, among which are: 2011 National Association of Home Builders **Best of 50+ Housing Award** and the HUD Secretary's **Opportunity and Empowerment Award** for the CHISPA Sherwood Village Senior Apartments in Salinas; American Public Works Association (APWA) Monterey Bay Chapter **2007 Project of the Year** and the **2006 TAMC Transportation Excellence Award** for the State Route 68 Widening Project – Ragsdale Drive to

Highway 218; the **2004 Consulting Engineers and Land Surveyors of California (CELSOC) Engineering Excellence Merit Award** and the **2002 TAMC Transportation Excellence Award** for the County Sponsored Widening Project on State Route 1; California Construction **2003 Best of California Award** for the entry pavilion parking structure at the Community Hospital of the Monterey Peninsula; the **1987 California Council of Civil Engineers and Land Surveyors (now CELSOC) Grand Award for the Markham Ranch Subdivision**; and the **1988 Award of Excellence for the Laguna Seca Raceway track modifications**. Whitson Engineers has also received multiple recognitions from the Regional Water Quality Control Board on Low Impact Development (LID) infill projects for our innovative use of stormwater treatment techniques.

Sleepy Hollow Ford Removal and Bridge Replacement Project

Carmel Valley, California



WHITSON ENGINEERS in conjunction with Cornerstone Structural Engineering Group provided civil and structural engineering, land surveying, and cost estimating services for construction of a new 150'-long prefabricated bridge over the Carmel River. Preliminary engineering and cost estimating included evaluation of bridge length and cost, roadway approach geometry, and environmental impacts for multiple project alternatives. A prefabricated steel truss bridge was selected in order to reduce construction impacts and to minimize construction cost. The preliminary plans and estimate were utilized in a grant funding application. Final engineering included preparation of plans, specifications, and estimate, and constructability review, including evaluation of access road geometry and improvements.

Client: Monterey Peninsula Water Mgmt District
Contact: Larry Hampson, PE, (831) 658-5620
Water Resources Engineer
Const Cost: \$1.4 million (estimated)



RICHARD P. WEBER, PE PLS QSD | Principal-In-Charge

California Registered Civil Engineer #55219
California Licensed Land Surveyor #8002
Qualified SWPPP Developer / Practitioner #20534

EDUCATION: B.S. - Civil Engineering
Santa Clara University, Santa Clara, California

QUALIFICATIONS:

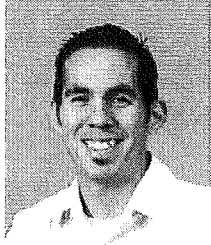
Twenty years' experience as a Project Manager and Design Engineer for both public and private sector clients. Areas of expertise include interdisciplinary team management, public works engineering, road and highway design, land surveying and construction staking, site planning and design, cost estimating, Geographic Information Systems (GIS), and construction administration.

REPRESENTATIVE PROJECT EXPERIENCE:

- **City of Monterey – State Route 68 Highway Widening – State Route 218 to Ragsdale Drive** – Project Manager and Principal Engineer responsible for the preparation of Plans, Specifications and Estimate for improvements to a 0.7-mile long section of Highway 68. Construction was performed under a Caltrans Encroachment Permit.
- **County of Monterey – State Route 1 Climbing Lane – Carmel Valley Road to Morse Drive** – Project Manager in charge of the preparation of all surveying, engineering and environmental documents related to the addition of a second north bound "climbing lane" on State Route 1 through Carmel.
- **Big Sur Land Trust – Lower Carmel River and Lagoon Floodplain Restoration and Enhancement Project** – Managed inter-disciplinary engineering and environmental permitting team preparing preliminary geotechnical reports, preliminary engineering plans, construction cost estimates, and a Caltrans Project Study Report (PSR) and Project Environmental Assessment Report (PEAR) for a proposed 520-foot long overflow bridge on Highway 1 south of Carmel.
- **Monterey Peninsula Unified School District – Maintenance Facility Improvements** – Principal in Charge of preparation of construction documents for maintenance facility improvements.
- **Fort Ord Reuse Authority – Imjin Office Park** – Principal-in-Charge of civil site design for 4.6 acre site, including paving, grading, drainage, and utility improvements, and design of on-site storm water retention facilities.
- **Salinas Valley Memorial Healthcare System – Primecare Education and Medical Facility** – Principal in charge of civil site design for 3.4 acre site, including paving, drainage, and utility improvements. Project incorporated Low Impact Design methodologies per City of Salinas Stormwater Standards.
- **Monterey County Redevelopment Agency – Fort Ord Landfill Planning Areas** – Prepared Initial Site Development, Infrastructure assessment Study and Vesting Tentative Map for the Landfill Planning Area. Study included analysis of on and off site improvements for road and utility infrastructure, various phased development scenarios and anticipated infrastructure costs.
- **Housing Authority of the County of Monterey – Haciendas Housing** – Principal-in-charge of the preparation of engineering plans and specifications for the design of site, parking, and drainage improvements incorporating Low Impact Design (LID).

PROFESSIONAL ORGANIZATIONS:

California Society of Professional Engineers (Past President-Monterey Bay Chapter)
American Council of Engineering Companies (Past President-Monterey Bay Chapter)
American Public Works Association
California Land Surveyors Association



RODNEY TRUJILLO, PE | Civil Engineer

California Registered Civil Engineer #73136
LEED Green Associate #10514043



EDUCATION: B.S. - Civil Engineering
California Polytechnic State University, San Luis Obispo

QUALIFICATIONS:

Seven years of experience as a Project Manager and Design Engineer for both private and public sector clients. Areas of expertise include site development, commercial and residential site planning and design, road and highway design, grading plans, erosion control, septic system design, low impact development (L.I.D.), green building methodologies, storm water pollution prevention plans (SWPPP), and storm water analysis.

REPRESENTATIVE PROJECT EXPERIENCE:

- *City of Greenfield – **Greenfield Civic Center Police Station and Jail*** – Project Manager in charge of the preparation of grading, drainage, and improvement plans, and specifications for a 2.2 acre police station, jail, and civic center.
- *Salinas Valley Memorial Healthcare System – **Primecare Education and Medical Facility, 611 Abbott Education and Medical Facility, & Ryan Ranch Medical Campus*** – Project Manager in charge of the preparation of engineering plans and specifications for various medical campuses, including storm drainage and utility improvements, and Low Impact Design per City of Salinas Standards.
- *County of Monterey – **Monterey County Health Department Building*** – Project Engineer in charge of the preparation of civil engineering plans and specifications for sitework including parking, drainage, and utility improvements and a new 48,000 s.f. building in the City of Salinas.
- *Santa Cruz County Office of Education – **Green Valley Community School*** – Project Manager in charge of the preparation of civil engineering plans and specifications for 2.5 acres of parking, grading, drainage, and utility improvements incorporating storm water retention strategies in the County of Santa Cruz.
- *Community Housing Improvement Systems and Planning Association (CHISPA) – **Sherwood Village, Salinas, CA*** – Project Manager in charge of the preparation of engineering plans and specifications for the design of site, parking, and drainage improvements for a 124 unit senior housing development incorporating Low Impact Design methodologies. This project was recognized by the State Water Quality Control Board by way of resolution for its innovative use of stormwater treatment techniques and its green, sustainable building methods. The project was also named Gold winner in the 2009 Best of 50+ Housing Awards by the National Association of Home Builders.
- *Housing Authority of the County of Monterey – **Haciendas Housing, Salinas, CA*** – Project Manager in charge of the preparation of engineering plans and specifications for the design of site, parking, and drainage improvements for 8 buildings (96 units) incorporate Low Impact Design methodologies.
- *Fort Ord Reuse Authority – **Imjin Office Park*** – Project Manager in charge of the preparation of engineering plans and specifications for 4.6 acres of parking, grading, drainage, and utility improvements incorporating hydromodification and storm water retention strategies in the City of Marina.
- *Housing Authority of the County of Monterey – **Tynan Village, Salinas, CA*** – Project Engineer in charge of the preparation of engineering plans and specifications for the design of site, parking, and drainage improvements for 171 residential units, 7 commercial units, and a parking garage; incorporating Low Impact Design methodologies. This project was recognized by the State Water Quality Control Board by way of resolution for its innovative use of stormwater treatment techniques and its green, sustainable building methods.

PROFESSIONAL ASSOCIATIONS:

California Society of Professional Engineers
American Public Works Association



NATHANIEL D. MILAM, PE QSD | Project Engineer

California Registered Civil Engineer #76451
Qualified SWPPP Developer / Practitioner #00309

EDUCATION: B.S. in Civil Engineering (Magna Cum Laude)
California Polytechnic State University, San Luis Obispo

QUALIFICATIONS:

Seven years' experience as a Project Manager and Design Engineer for both private and public sector clients. Areas of experience include road, highway, and bikeway design, street reconstruction, institutional, commercial and residential site design, storm drainage planning and design, and sanitary sewer planning and design.

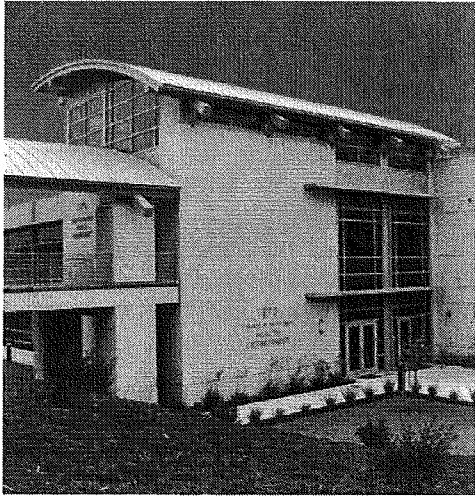
REPRESENTATIVE PROJECT EXPERIENCE:

- *Monterey County Water Resources Agency, and Monterey County Public Works Department – **Carmel River Lagoon Ecosystem Protective Barrier (EPB) and Scenic Road Protection Structure (SRPS)*** – Prepared Feasibility Study, including preliminary plans and estimate, and managed preliminary hydraulics/hydrology, geotechnical, permitting, and biological work. Project would entail construction of a 2,000'-long sheet pile flood wall for protection of 28 residences and elementary school facilities, and construction of a 900'-long slope protection structure along Scenic Road near Carmel. The ultimate project goal is to reduce the frequency of human intervention in the lagoon's breaching cycle, resulting in statistical increases in lagoon area and volume, and improvement in habitat values. Seven EPB and four SRPS project alternatives were evaluated, ranging from \$12M to \$40M total project cost.
- *Monterey Peninsula Water Management District – **Sleepy Hollow Ford Removal and Bridge Replacement Project*** – Prepared plans, specifications and estimate for replacement of existing 15'-wide, 80'-long concrete ford on the Carmel River with a prefabricated bridge, including new roadway approaches, bank protection, and river bed restoration. (Bridge plans, specifications, and estimate prepared by subconsultant.)
- *Community Hospital of the Monterey Peninsula – **Marina Campus*** – Project engineer for development of a new 9-acre medical campus on the former Fort Ord. Mapped and investigated existing utilities and storm drainage infrastructure, provided recommendations for utility extensions and for removal of previously un-mapped public utilities which crossed the site. Prepared plans and specifications for sitework for a new 28,000 medical office building and grading for future buildings, parking improvements, an on-site stormwater retention facility, and public water and sewer facilities.
- *Transportation Agency for Monterey County – **Carmel Hill and River Bike Trail Project*** – Prepared preliminary plans for a 1.7-mile long bicycle and pedestrian trail on State Parks property in Hatton Canyon. Prepared final construction documents (plans, specifications and estimate) for 0.5-mile long portion of that trail. Project included construction of a new pedestrian undercrossing at Carmel Valley Road (structural engineering by subconsultant).
- *Cypress Community Church – **Widening and Channelization for State Route 68*** – Prepared plans and specifications for highway widening and construction of a fourth leg (new entry to church) at the intersection of Corral de Tierra Road.

ASSOCIATIONS:

California Society of Professional Engineers (CSPE) – Past President, Monterey Bay Chapter
American Public Works Association (APWA) – Member
Returned Peace Corps Volunteer – Dominican Republic, 2005-2007

Project Experience and References



Monterey County Health Department Building

Salinas, California

Owner: County of Monterey

Whitson Engineers provided civil engineering services for development of 5 acres of site parking, utility, and drainage improvements associated with construction of a new 48,000 s.f. building and in Salinas.



611 Abbott Street Medical Facility

Salinas, California

Owner: Salinas Valley Memorial Healthcare System

Whitson Engineers provided civil engineering services for development of the 611 Abbott Street Medical Facility in Salinas. Our design services consisted of grading, drainage, site utilities, erosion control plan preparation, Low Impact Development (LID) design, and construction administration services.



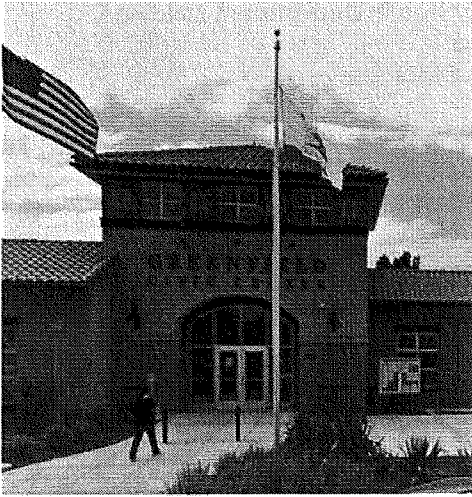
Tynan Village

Salinas, California

Owner: Housing Authority of Monterey County

Whitson Engineers provided civil engineering services for development of the Tynan Village mixed use project in Salinas (200,000 sf facility). Our design services consisted of 2.8 acres of grading, drainage, site utilities, erosion control plan preparation, Low Impact Development (L.I.D) design, and construction staking services.

Project Experience and References



Greenfield Civic Center

Greenfield, California

Owner: City of Greenfield

Whitson Engineers was responsible for engineering and surveying services for the Greenfield Civic Center, which included a new City Hall, Police Station and Jail. Our services included topographic surveying and boundary mapping and design of sitework including on-street and off-street parking, frontage and storm drain improvements, and site accessibility.



Haciendas Housing

Salinas, California

Owner: Housing Authority of Monterey County

Whitson Engineers provided civil engineering services for Phase 1 of the Haciendas Housing Complex and is in the process of preparing plans for Phase 2. The project includes the development of 151 unit community with a three story commercial building on 5.4 acres. Our design scope of services include the preparation of Plans, Specifications and Estimate (PS&E) for grading, drainage, site utilities, erosion control plan preparation, and Low Impact Development (L.I.D) design services.



Castro Plaza

Castroville, California

Owner: Monterey County Redevelopment Agency

Whitson Engineers provided surveying and civil engineering services in conjunction with the redevelopment of one city block in Castroville, CA. Castro Plaza included site improvements for a new Library, Child Care facility, and public plaza in addition to street frontage, on-street parking and utility improvements. Whitson Engineers also provided mapping, boundary and topographic surveying, right-of-way engineering and construction staking services.

**ENVIRONMENTAL CONSULTING SERVICES
PROPOSAL FOR THE
CARMEL VALLEY ROAD CORPORATION YARD
PROJECT**

Prepared by:
Denise Duffy & Associates, Inc.



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September 2013

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APPENDIX A. RESUMES

DD&A Task Descriptions

Task 1.0 Project Start Up/Conceptual Site Design

Task 1.3: This task consists of initial project review and consultation with the County of Monterey Resource Management Agency – Department of Public Works (County) staff, project team (i.e., Paul Davis Partnership, LLP, Whitson Engineers, Bellinger Foster Steinmetz Landscape Architects, and Pacific Crest Engineering, Inc.), and CEQA technical subconsultants. DD&A will attend one initial kick-off meeting with the project team to finalize the scope of work, identify data needs, confirm deliverables, and establish schedules and protocols for communication. Please note that this task assumes that the DD&A Project Manager and select sub-consultants, as determined necessary, will attend the initial kick-off meeting.

DD&A will visit the site to assess the environmental conditions of the site and its surroundings. DD&A will collect, compile, and refine data needed to complete the environmental documentation. Where applicable, the data assembled will be incorporated into a Geographic Information System (GIS) database to assist in the environmental evaluation. Data gathered as part of this task will be reviewed and used to develop a comprehensive picture of the environmental resources that may be affected by the proposed project. DD&A is already familiar with the project site and the planning documents relevant to the project. The environmental analysis will build upon existing documentation, where possible, and supplement with new analyses, as needed, to provide an up-to-date assessment of technical and environmental impacts associated with the project.

Task 1.4: Frank Ono, Project Arborist, will visit the project site and prepare a draft and final Arborist Report, which will identify any required site design constraints to ensure protection and survival of the two large existing oak trees. The report will also include a summary of tree health and formulation of tree protection measures. DD&A will review the Arborist Report and other conceptual design studies, and provide input on any potential environmental concerns in the form of a draft and final memorandum. This task does not include any in-person meetings by DD&A staff or Frank Ono.

Task 2.0 Schematic Design

Task 2.1: DD&A will coordinate with the County, as needed, to determine the level of environmental review required for the project and the technical studies and documents that will be required for the approval process. For the purposes of this proposal, it is assumed that the required CEQA documentation will be an Initial Study/Mitigated Negative Declaration (IS/MND).

Task 2.2: DD&A Project Manager will attend one in-person meeting with County and project team to discuss CEQA environmental issues/strategy.

Task 2.8: Planning Consultant

Subtask 2.8.1: Draft and Final Project Description

This scope of work assumes that the project architect and engineer (i.e., Paul Davis Partnership, LLP and Whitson Engineers) will provide sufficient information based on the conceptual design plan and schematic design documents for DD&A to prepare a Draft Project Description. DD&A will prepare a Draft Project Description defining all aspects of the project, including, but not limited to, project background, location, goals and objectives, planning and engineering details, limits of construction, affected properties and phasing (if any), construction schedule and equipment, graphics to illustrate the project plans, and anticipated permitting actions. This scope of work assumes site plans and drawings will be provided by the project architect and engineer. DD&A will submit a Preliminary Draft Project Description electronically to the project team for review and comment. Upon receipt of comments from the project team, DD&A will incorporate comments and submit a Draft Project Description electronically to the County for review and comment. Based on comments received from the County, DD&A will finalize the Project Description for inclusion in the IS/MND. This scope of work assumes one round of comments each from the project team and County.

Subtask 2.8.2: Preparation of Administrative Draft IS/MND

DD&A will prepare an Administrative Draft IS/MND reflecting information contained in local sources, maps and engineering reports, and technical studies prepared for the proposed project. The IS will include information that provides a factual and analytical basis for a proposed Mitigated Negative Declaration (MND). The environmental document will be prepared in complete conformance with the CEQA Guidelines and will include all of the topics and sections identified below with appropriate references. Identified impacts will be differentiated between significant and less-than-significant effects. Mitigation measures will be described in detail, including documentation as to how it lessens or avoids an identified adverse impact and identification of any indirect impacts (i.e., impacts that may result from implementation of the mitigation). Upon completion, DD&A will submit one electronic copy of the Administrative Draft IS/MND to the County (including all relevant County departments following County transmittal procedures) and project team for review and comment. Per Section 15063 of CEQA Guidelines, the IS will include the following:

- A brief description of the proposed project, including its location;
- An identification of the environmental setting in the vicinity of the project site, as it exists before commencement of the project, from both a local and regional perspective;
- An identification of the environmental effects of the project using an environmental checklist, including brief narratives supporting conclusions identified in the checklist. The explanations may reference another information source through citation to the document by page or pages where the information may be found;
- Recommended feasible mitigation measures, as necessary;
- Determination of consistency with local plans and zoning; and
- A listing of report preparers and bibliography.

The IS/MND will address all issue areas identified in the most current version of the CEQA Environmental Checklist (Appendix G of the CEQA Guidelines), including: aesthetics, agricultural and forestry resources, air quality, biological resources, cultural resources, geology/soils, greenhouse gas

emissions, hazards and hazardous materials, hydrology/water quality, land use/planning, mineral resources, noise, population/housing, public services, recreation, traffic/transportation, and utilities/service systems. The *primary* environmental areas to be addressed in the IS/MND include the following:

Aesthetics: The IS/MND will describe the existing visual characteristics of the project site and surrounding area. The IS/MND will evaluate the visual effects of physical changes to the site, including new or reconfigured structures, tree or landscaping removal, and other improvements. The assessment of potential visual impacts will consider the location, design, and lighting of any new or modified structures. This scope of work assumes that the project architect and engineer will provide the visual simulations and drawings required for the analysis. Mitigation will be identified, as needed, for potential aesthetic impacts.

Air Quality Analysis and Greenhouse Gas Emissions: The project site is located within the jurisdiction of the Monterey Bay Unified Air Pollution Control District (MBUAPCD). Most of the air quality impacts associated with the proposed Project would occur during the construction phase, and would consist of fugitive dust emissions and other criteria pollutant emissions. In addition, emissions of greenhouse gases would result from vehicular emissions during construction. DD&A will prepare an air quality analysis for the proposed project. The air quality analysis will describe the air quality setting of the area and identify sensitive receptors in the project vicinity (i.e., existing residences). The analysis will assess short duration (i.e., construction) and long-term (i.e., operational) regional air pollutant emissions associated with the proposed project. Greenhouse gas emissions of the project will also be quantified and analyzed for potential effects related to climate change. Mitigation for avoiding or reducing impacts will be identified and included in the IS/MND, including a list of dust control measures identified to reduce construction-related air quality impacts.

Biological Resources: DD&A's Natural Resources Division (NRD) will conduct an investigation of the potential biological resources within and surrounding the project site, and assess potential impacts on any special-status plant and wildlife species and sensitive habitats. The NRD will conduct early consultation with the resource agencies to determine if the agencies have any specific comments and concerns prior to completing the environmental document. The biological assessment will include a review of relevant regulatory permit requirements and applicable regulatory agency jurisdiction, including the California Department of Fish and Wildlife (CDFW), U.S. Fish and Wildlife Service (USFWS), Regional Water Quality Control Board (RWQCB), and U.S. Army Corps of Engineers (USACOE). The biological assessment evaluation will include the following tasks:

- Conduct pre-survey research utilizing available resources including the California Department of Fish and Wildlife's California Natural Diversity Database, California Native Plant Society lists, information from local experts, and other published and unpublished materials;
- Survey of the project site by our in-house biologist to assess the environmental conditions of the site and its surroundings;
- Describe any special-status species or sensitive habitats known or with the potential to occur within and adjacent to the site;

- Assess the potential impacts to sensitive biological resources that may result from the proposed project; and
- Identify avoidance, minimization, and mitigation measures necessary to mitigate for impacts to biological resources, if required.

The results of DD&A's biological analysis will be described in a brief letter report, which will be incorporated into the Biological Resources section of the IS/MND. In addition, the results of the Arborist Report will be incorporated in the Biological Resources section of the IS/MND to address potential impacts to native oak trees.

Cultural Resources: The project site is located within a primarily developed area; however, vegetation and unpaved areas exist within the site. DD&A will coordinate with the County to determine whether any previous cultural resources studies have been conducted within the site. This scope of work assumes that no previous cultural studies have been conducted and that Archaeological Consulting will conduct a study and prepare a report for the environmental review process. DD&A will incorporate the findings and conclusions determined by the cultural report into the IS/MND, including any mitigation measures to avoid or reduce impacts.

Geology/Soils: The IS/MND will describe the geologic characteristics of the project site and area based on the report prepared by Pacific Crest Engineering. This section will identify the potential geologic hazards in the project area, such as erosion, slope instability, seismic effects, and soil hazards. DD&A will incorporate the findings and conclusions of the report into the IS/MND, including any mitigation for avoiding or reducing impacts.

Hazards/Hazardous Materials: The IS/MND will describe the site history and potential for onsite contamination based on the Phase I Report prepared by Pacific Crest Engineering. DD&A will incorporate the findings and conclusions of the report into the IS/MND, including any mitigation for avoiding or reducing impacts.

Hydrology/Water Quality: The IS/MND will describe the existing flooding, water quality, and drainage conditions in the project area based on field study, review of Federal Emergency Management Agency (FEMA) Flood Insurance Rate maps, and information provided by the project engineer. The IS/MND will evaluate hydrology and water quality effects from the construction and operation of the proposed project. The IS/MND will also describe any changes to the site's storm water management system, and identify potential drainage and water quality impacts from the proposed project. Any design features included in the project, such as oil separators and outflow structures designed to improve water quality will be described in terms of their effectiveness to reduce impacts to a less-than-significant level. DD&A will consult with the Monterey County Water Resources Agency and Monterey County Environmental Health Division to ensure the analysis addresses the concerns of these agencies. The IS/MND will identify local and regional programs for maintenance of water quality (e.g., NPDES, RWQCB, and C.3 Provisions). Proposed Best Management Practices (BMPs) will be identified to control the discharge the discharge of storm water pollution in accordance with regulatory requirements.

Land Use/Consistency with Plans: The IS/MND will include an evaluation of the project's consistency with relevant local, regional, and state land use plans and policies, including those in the County's General Plan and Carmel Valley Master Plan. This section will also address the project's consistency with existing adjacent uses, as applicable.

Noise: DD&A will retain Michael Thill of Illingworth & Rodkin, Inc. (I&R) to conduct a noise study and analysis of potential noise impacts that may result from the proposed project. The results and conclusions of this analysis shall be summarized in the IS/MND. The noise assessment will describe the existing noise environment in the project area and assess both the short-term and long-term noise impacts resulting from the project. The noise assessment will include the following:

- Identification of receptors in the project area and quantification of ambient noise levels;
- Description of applicable regulatory criteria;
- Estimated increase in environmental noise levels along roadways serving the site under project and cumulative conditions;
- Estimated increase in noise at off-site receiver locations due to project operations. Environmental noise levels generated by proposed onsite maintenance activities, including vehicle washing, vehicle maintenance/repair, brake testing, idling, etc. will be estimated;
- Description of short-term noise impacts during construction;
- Discussion of cumulative conditions; and
- Identification of mitigation for any significant impacts.

Public Services & Utilities: The IS/MND will evaluate the ability of existing services and utilities to serve the proposed project as applicable, including water, wastewater, energy, police, and fire services. Mitigation will be identified as needed for potentially significant impacts.

Traffic: The proposed project may result in construction and operation impacts to traffic on Carmel Valley Road. It is likely that a construction and traffic management plan will be required to ensure continued access to and operation of existing activities on the adjacent properties, including schools and Fire District. These management techniques will be described in the IS/MND. DD&A will retain Jeffrey Waller of Hatch Mott MacDonald (HMM) to conduct a trip generation study and analysis of potential traffic impacts. The results and conclusions of this analysis shall be summarized in the IS/MND. The following outlines HMM's scope of work:

- A site visit will be conducted to observe existing traffic operations.
- Two hour morning and evening peak period traffic counts will be taken at the existing Carmel Valley Road/Mid Valley Fire Station driveway. This will include Carmel Valley Manor and the driveways serving the Carmelo Child Development Center.
- Level of service and traffic operations will be evaluated for the Carmel Valley Road/Mid Valley Fire Station driveway.
- Project traffic generation, distribution, and assignment will be estimated. An estimate will also be made of maintenance traffic already occurring on the Carmel Valley road network to determine the net effect of the proposed project.

- Existing plus project traffic volumes will be estimated for the Carmel Valley Road/Mid Valley Fire Station driveway. Level of service will also be calculated.
- Cumulative traffic operations at the Carmel Valley Road/Mid Valley Fire Station driveway will be analyzed.
- Parking generation from the proposed project will be estimated.
- The project site plan will be reviewed for access, egress, and internal circulation.

Other CEQA Requirements: The IS/MND will address all other CEQA-required issues, including mandatory findings of significance and references. For any issue areas where impacts will be less-than-significant, have no impact, or result in beneficial impacts, a reasoned discussion for each topic will be provided for each conclusion. It is anticipated that reasoned discussions will be provided for the following issue areas: agricultural/forest resources, mineral resources, population/housing, and recreation.

Subtask 2.8.3: Preparation of Screencheck Draft and Public Draft IS/MND

Following the County and project team review of the Administrative Draft IS/MND, DD&A will incorporate the comments received and prepare a Screencheck Draft IS/MND for final review by the County and project team prior to public release. Upon receipt of final comments, DD&A will then prepare a Public Draft IS/MND for public distribution. This scope assumes one round of comments from the County and project team for the Screencheck Draft IS/MND. Upon receiving authorization to publish the document by the County, DD&A will submit hard and electronic copies of the document and appendices for the required 30-day public review period. This includes delivery of up to thirty (30) hardcopies and twenty (20) CDs containing electronic copies to the County. This scope of work assumes that fifteen (15) of these CDs will be provided to the State Clearinghouse for distribution, along with fifteen (15) hardcopies of the required summary form. DD&A will prepare all necessary notices (e.g., Notice of Completion and Notice of Intent to Adopt a Negative Declaration) and transmittals, and post and distribute such notices and documents as required. The document will be circulated for a public review period of 30 days in accordance with state requirements. This task assumes that the County will be responsible for publishing the notice in the Monterey County Weekly.

Subtask 2.8.4: Preparation of Response to Comments and Final IS/MND

DD&A will coordinate with the County and project team after the close of the comment period to review the comments received on the Draft IS/MND and determine the action plan for finalizing the document. Responses will be prepared for all written comments received. If changes to the Draft IS/MND are necessary, DD&A will prepare a brief "Response to Comments on the Draft IS/MND" document, which can be appended to the Draft IS/MND and serve as the Final IS/MND. This task includes submittal of one (1) electronic copy of the draft Response to Comments to the County and project team for review. After updating the Draft Response to Comments based on one round of comments from the County and project team, DD&A will submit one (1) electronic copy (in Acrobat.pdf and Microsoft Word) of the Final IS/MND to the County for use in adopting the MND and approving the Project. The budget assumes that DD&A will spend no more than twenty (20) total staff hours on preparation of the Response to Comments.

Subtask 2.8.5: Preparation Mitigation Monitoring and Reporting Plan (MMRP)

DD&A shall prepare a draft MMRP in accordance with CEQA requirements, and submit to the County and project team for review and comment. The MMRP will identify the impacts addressed, compliance and monitoring actions to be performed, responsible party(ies), and timing of compliance and monitoring activities. DD&A will incorporate the comments received and prepare a final MMRP. The final MMRP will be submitted electronically to the County and project team as a stand-alone document along with the Response to Comments to serve as the Final IS/MND.

Task 3.0 Planning Approvals

Task 3.4: Planning Consultant

Subtask 3.4.1: Project Management/Meetings

This task includes attendance by DD&A Project Manager in two (2) County staff/department meetings, one (1) Carmel Valley Land Use Advisory Committee (LUAC) meeting, and one (1) public hearing. DD&A will assist the project team in all elements of application completeness and requests for additional information by the County. This task also includes preparing the Notice of Determination within five (5) business days of project approval and document adoption. This task assumes that DD&A will provide up to fifteen (15) hours of project management services, consisting primarily of communication between the project team and the County. These services may also include assistance with the preparation of CEQA Findings, Resolution, and Staff Reports. This task assumes that the Paul Davis Partnership, LLP will be coordinating the meetings and application efforts, and DD&A would be assisting, as needed.

Task 3.4.2: Permitting Assistance

In the event that any project action requires state or federal regulatory permits as may be required by USACOE, RWQCB, CDFW, or USFWS, DD&A will assist the County to define the permit, permit requirements and supporting studies, and outline a strategy plan for obtaining said permits. DD&A will provide the County with a draft and final memorandum describing the requested information in coordination with the project team and County. Permit requirements will be identified early in the planning process, as described above, in order to maintain the project schedule.

Introduction

The following Statement of Qualifications (SOQ) has been prepared in response to the Request for Proposals (RFP) #10446 – Architectural and Engineering Services for Planned Carmel Valley Road Corporation Yard issued by the County of Monterey Resource Management Agency - Department of Public Works (County) on August 19, 2013. The County is seeking qualified firms to provide a variety of tasks related to the preliminary design, obtain environmental clearance and land use permits, and bidding process for planned construction of a road maintenance corporation facility on a portion of property leased from the Monterey County Regional Fire Protection District located at 4855 Carmel Valley Road (APN 169-061-014). This SOQ highlights the qualifications of Denise Duffy & Associates, Inc. (DD&A) to provide the requested environmental services; a scope of work and cost estimate was provided under separate cover.

DD&A staff has the desired combination of professional skills, hands-on experience, and expert knowledge required to work effectively with County staff, regulatory agencies, and all other parties involved. We have experience with the preparation of clear and concise environmental documents needed for the decision-making process, as well as on-site pre-construction and construction-phase monitoring. DD&A staff includes senior planners and environmental scientists who each have been with DD&A a minimum of ten years. Our firm offers an unprecedented level of combined experience in transportation and public facility environmental studies in compliance with CEQA and NEPA. Our qualifications demonstrate our ability to provide all of the environmental services requested by the County and our staff is fully prepared to assist the County in its need for environmental services.

DD&A has the following demonstrated skills applicable to the qualifications required by County:

- Intimate familiarity with the critical issues, policies, and procedures of Monterey County, fostered through evaluation of hundreds of projects in the County, including small- and large-scale infrastructure projects and major bridge, trail, and highway projects.
- Comprehensive knowledge of CEQA and NEPA, and environmental regulations including the Federal and State Endangered Species Acts, Clean Water Act, California Coastal Act, and California Fish and Game Code;
- Direct experience in preparation and management of CEQA/NEPA documents for the County for over 30 years;
- Skilled in identifying the need for, as well as preparing applications, obtaining, and implementing environmental clearance permits from a variety of regulatory agencies;
- DD&A Biologists provide pre-construction, construction-phase, and post-construction biological monitoring for numerous projects, including surveys for all locally-occurring special-status plant and wildlife species. DD&A biologists are further qualified through our current federal recovery permits for both the California red-legged frog and the California tiger salamander, and state Scientific Collection Permits authorizing handling (capture and release) of all mammals, reptiles, amphibians, and freshwater/terrestrial invertebrates; and
- Excellent rapport with regulatory agencies, including the California Department of Fish and Wildlife (CDFW), U.S. Fish and Wildlife Service (USFWS), U.S. Army Corps of Engineers (ACOE), and Regional Water Quality Control Board (RWQCB).

Company Profile

Denise Duffy & Associates, Inc. (DD&A) was founded in 1983 as a sole proprietorship and has since established itself as one of the premier environmental consulting firms in the region. DD&A has earned a well-respected reputation for preparing comprehensive, legally-defensible environmental analysis in compliance with the National Environmental Policy Act (NEPA) and the California Environmental Quality Act (CEQA). Our reputation is based on the extensive knowledge of our staff – environmental planning professionals whose combined experience covers more than 100 years in urban planning and environmental consulting.

DD&A provides environmental impact assessments, natural resources analysis, permitting assistance, and contract planning for both public and private sector clients. From focused environmental assessments on smaller projects to inter-jurisdictional reports on large-scale planning efforts, DD&A has a proven track record of meeting client needs. Specifically, DD&A has successfully completed planning and environmental documentation, including regulatory agency coordination and permitting, for a variety of public works-related projects including:

- Corporation Yards and Facilities;
- Bridge Retrofits/Replacements;
- Transportation Facilities;
- Water Facilities;
- Bicycle and Pedestrian Trails; and
- Sports Complexes.

DD&A also provides a full range of biological and ecosystem services through its Natural Resources Division (NRD). These services include Biological Impact Studies, Biological Assessments in support of Section 7 consultation in compliance with the federal Endangered Species Act, Natural Environment Studies for Caltrans/FHWA, Wetland Delineations, Restoration and Habitat Management Plans, Special-Status Species Surveys, Biological Monitoring, and Permitting. The NRD biologists are highly knowledgeable in environmental regulations and works closely with a variety of local, state, and federal agencies in offices throughout the state, including the California Department of Fish and Wildlife, Regional Water Quality Control Board, U.S. Fish and Wildlife Service, U.S. Army Corps of Engineers, California Department of Toxic Substances Control, and the State Office of Historic Preservation.

DD&A is supported by engineering staff capable of providing air quality analysis and two full-time Geographic Information Systems (GIS) staff members. Our technical capabilities include air quality modeling software as well as full graphic design services (using ArcView GIS, Adobe, and a variety of publishing software), California Natural Diversity Database subscription, and all necessary field and office equipment for the completion of biological resources evaluations. When necessary, DD&A draws upon the leading professional subconsultants to ensure the most qualified professionals are available to assist our clients. Project team interaction and individual expertise, as well as the project manager's commitment to each project, ensures efficient environmental analysis with a high standard for performance and quality.

The firm is headquartered in Monterey, California with a satellite office in San Jose, California. DD&A is certified by the California Department of Transportation as an Underutilized Disadvantaged Business Enterprise (UDBE) #13824, and by the California Department of General Services as a Small Business Enterprise (SBE) #20855.

Project Team Member Introduction

DD&A has placed great importance on the selection of a project team to meet the needs of the project. We have selected highly skilled DD&A staff and technical subconsultants that understand the key issues that will need to be addressed and have extensive local expertise in the Carmel Valley area. The selected team has a long history with projects within the Carmel Valley and the County of Monterey. The personnel listed below have all worked on multiple projects within the project vicinity that required addressing similar resource issues and impacts, including native oaks, aesthetics, traffic, and noise impacts.

Within the last year, DD&A prepared the CEQA document and acquired all of the regulatory permits for the Carmel Hill and River Bicycle Trail Project and completed the CEQA documentation for the Big Sur Land Trust Carmel Valley Floodplain Restoration and Environmental Enhancement Project.

DD&A PERSONNEL

A summary of DD&A's qualifications of key staff that will be assigned to this project are presented below. Complete resumes of all DD&A staff members can be found in Appendix A of this SOQ. Each staff member that would be assigned to this project possesses the expertise to provide responsive, thorough environmental review.

Denise Duffy, Principal, has been in the field of land use planning, environmental, and public policy consulting since 1977. Ms. Duffy has considerable knowledge in the analysis of local and regional government. She has managed complex planning and annexation studies, environmental impact reports (EIRs), and general and specific plans. Ms. Duffy is expert in developing policy consensus for planning projects while working in a variety of positions that require governmental cooperation and community outreach. Ms. Duffy, as the owner and principal of DD&A, oversees all major environmental and development review projects. Her education and professional experience provide clients with expertise in the fields of land use planning, project management, entitlement processing, environmental evaluation, and constraints analysis. Ms. Duffy has a career-long involvement as project manager, development expert, and land use consultant for projects in Monterey County and Central and Northern California. Representative projects include: Rancho San Carlos/Santa Lucia Preserve, Preliminary Environmental Assessment Report for Carmel River Floodplain Enhancement Project, Carmel Hill and River Class I Bicycle Trail, San Clemente Dam, Tavernetti-Morsoli Subdivision, and MCWD Desalination Project.

Role: Ms. Duffy would serve as Principal-in-Charge, providing expert consultation and guidance on critical environmental issues as needed.

Erin Harwayne, AICP, Senior Environmental Scientist/Planner/Project Manager, has extensive experience in managing complex projects where interagency coordination, resource management, and public outreach were integrally important. She has over 13 years of experience preparing all types of environmental documentation in compliance with CEQA and NEPA for a wide variety of residential, commercial, mixed-use, educational, public works, water facilities, and transportation projects. Her areas of emphasis include natural resource analysis, resource permitting, and compliance with the federal and state Endangered Species Acts. Ms. Harwayne has a comprehensive understanding of the regulatory permitting processes, including Clean Water Act Section 401 and 404 certifications and permit program, CDFG 1602 Lake or Streambed Alteration Program, and federal and state incidental take authorizations and permits. As a certified professional planner by the American Institute of Certified Planners (AICP), Ms. Harwayne is skilled in all

aspects of environmental analysis and review, including policy development and interpretation, impact assessment, alternatives evaluation, mitigation design, interagency coordination, and technical study review. Ms. Harwayne's position as Senior Planner includes editing in-house documents for quality control, providing expert advice on environmental regulations and protocol, coordinating with developers, technical subconsultants, and governmental agencies, and maintaining project budgets and schedules. Ms. Harwayne's educational background and professional experience provide clients with the expertise in environmental assessment, project management, and resource compliance needed to sufficiently analyze projects and prepare legally-defensible environmental documents. Recently, Ms. Harwayne completed the supplemental environmental documentation for the Carmel Valley Bike Trail Project; key issues included aesthetics, traffic, and noise, as well as biological resources and regulatory agency coordinating. Representative projects include: TAMC Monterey Peninsula Light Rail, Eastside Parkway, Carmel Valley Road Improvements, Whispering Oaks Business Park, and Seaside Corporation Yard.

Role: Ms. Harwayne will serve as the Project Manager, including overseeing the preparation of all environmental documents, managing subconsultants, coordinating with the client to confirm project scope and appropriate communication protocols, developing and maintaining a project schedule and budget, coordinating staff assignments, and overseeing all quality control/quality assurance protocols to ensure all reports and deliverables are prepared in accordance with applicable requirements.

Alison Imamura, AICP, Senior Environmental Planner/Engineer/Air Quality Analyst, is a professional planner and environmental engineer with over 15 years of experience managing and preparing major environmental documents for public agencies, in addition to assisting with local, state, and federal permit acquisition, entitlements processing, and environmental monitoring and reporting. Ms. Imamura has a technical background in environmental and civil engineering and a proven track record of preparing environmental documents in satisfaction of CEQA and NEPA. At DD&A, Ms. Imamura consults local agencies, non-profit groups, and private entities on compliance with global climate change regulations, including conducting greenhouse gas emission inventories and modeling. She is certified by the American Institute of Certified Planners (AICP), demonstrating her comprehensive understanding of planning issues and solutions, and her ethical commitment to the public and environmental resources.

In addition to extensive planning experience, Ms. Imamura has worked as an environmental engineer where she assessed water quality impacts, performed complex air pollution modeling inventories, evaluated environmental health and safety programs, and conducted Superfund analyses for hazardous waste sites in the Central Valley. In addition, at the Central Coast RWQCB, she reviewed permit applicants regarding the region's Basin Plan, federal Clean Water Act, and National Pollutant Discharge Elimination System (NPDES) compliance. She has extensive experience on public infrastructure projects, including roadways and bikeways; water supply planning, permitting, and environmental review; groundwater monitoring and water supply wells; and recycled water and desalination project environmental review. Representative projects include: MCWD Regional Water Augmentation Project, Carmel Hill and River Class I Bicycle Project, Pacific Grove Shoreline Improvements, Carmel Highlands Sewer Connection Project, and Monterey Regional Water Pollution Control Agency Solar Power Plant.

Role: Ms. Imamura will be responsible for the overall management and preparation of the air quality and climate change analyses and evaluating other technical issue areas, including hydrology and stormwater detention. As a Senior Planner, Ms. Imamura will be available as-needed to provide expert consultation on other technical issue areas.

Julia Simmons, Associate Environmental Planner, has seven years of professional planning experience in both the public and private sectors. She has worked on projects at the local, county, state, and federal levels. Ms. Simmons has managed and prepared numerous environmental projects and their documentation in compliance with Hawaii state law and NEPA. Incorporating both her extensive background in environmental law and land use planning, Ms. Simmons utilizes an innovative approach toward solving complex environmental issues. Her project experience is greatly varied and includes transportation infrastructure improvement projects, streambank restoration, and rockfall mitigation. She has experience preparing many types and levels of environmental documents, including EIS, EIR, EA/FONSI, wetland delineation reports, natural resource analyses, biological assessments in support of NEPA documents, and Clean Water Act Section 401 and 404 permits. Representative projects include: Hana Highway Emergency Repairs, Ajayan Bridge Replacement, Central Maui Waste-to-Energy Facility, and MRWPCA Groundwater Replenishment Project.

Role: Ms. Simmons would be responsible for preparation of environmental documents and providing expert technical guidance on key resource issues, including transportation/traffic, noise, land use and planning, and other topical areas, as needed. Ms. Simmons would also assist the Project Manager in coordinating staff assignments and quality control/quality assurance protocols.

Matthew Johnson, Associate Environmental Scientist/GIS Manager, has a background in environmental science and policy. With over 11 years of experience, he serves as the graphical lead assisting with mapping and technical graphic needs, while utilizing existing GIS data to the maximum extent possible within the environmental document. He has experience in several GIS software platforms and their application to environmental policy creation. He has also worked with a variety of GIS datasets from several different agencies, including USGS, CCC, SPOT, MBARI, Digital Globe, and several universities in the California State University system. He has collected simultaneous GIS data to enhance the content and accuracy of numerous projects at DD&A, including several rare plant surveys and wetland delineations. In addition to real-time data collection, Mr. Johnson has utilized previously recorded GIS habitat and vegetation data to produce informative products. These products have assisted project leaders to make relevant decisions about the project tasks, leading to higher efficiency and increased accuracy. Mr. Johnson has assisted in the preparation of several types of environmental documents, including CEQA/NEPA-related Biological Impact Assessments, Wetland Delineations, and MMRPs. He is familiar with the permitting process required by several agencies including CDFW, ACOE, and RWQCB. Representative projects include: Crazy Horse Bridge Replacement, Thorne Road Bridge Replacement, Moore's Lake IS/MND, CAWD Reclamation Project Phase II, MCWD Tanks Improvements, and Santa Lucia Preserve Aquatic Surveys.

Role: Mr. Johnson will be responsible for overseeing the preparation of all GIS mapping prepared and graphical needs in support of the project. Mr. Johnson will also be responsible for assisting with the permitting approach, as needed.

Jami Davis, Assistant Environmental Scientist, provides expertise in many biological areas, including botany, wildlife, and wetland science. Ms. Davis has eight years of experience in the environmental field and has prepared several biological assessments and Natural Environment Studies for Caltrans, wetland delineations in accordance with ACOE regulations, Mitigation Monitoring and Restoration Plans, and biological resources sections for CEQA documentation. At DD&A, Ms. Davis is responsible for assisting with the collection, analysis, and documentation of data and information for clients, production of deliverable biological and environmental documents, regulatory permit preparation, GIS analysis, and graphic preparations. Ms. Davis is an authorized individual on the DD&A federal 10(a)1(a) Recovery Permit for

California tiger salamander and holds a DFG Scientific Collection Permit authorizing handling (capture and release) of all mammals, reptiles, amphibians, and freshwater/terrestrial invertebrates. Representative projects include: Coastal Water Project, Segunda Tank II, Paseo Privado Tanks Replacement, Carmel Hill and River Class I Bicycle Trail, Thorne Road Bridge Replacement, and San Jerardo Water System Project.

Role: As an Assistant Environmental Scientist, Ms Davis will conduct the biological survey and prepare the biological letter report. She will also be available as-needed to assist with topical CEQA sections, in addition to preparing support technical exhibits.

Michael Gonzales, Assistant Environmental Planner, has seven years of experience working in the environmental field for both the public and private agencies. His experience includes CEQA/NEPA documentation, resource planning, water and energy efficiency, statistical analysis and modeling, green buildings and business practices, GHG accounting, program management, public outreach, water/soil sampling, GPS data collection, and GIS analysis. With a Planning Accreditation Board graduate degree and an undergraduate degree in environmental studies, Mr. Gonzales brings a well informed perspective to aspiring projects. Representative projects include: TAMC Monterey Peninsula Light Rail, Pebble Beach Community Services District Utility Undergrounding Project, AgroThrive IS/MND, and Monterey Bay Regional Desalination Project.

Role: As an Assistant Environmental Planner, Mr. Gonzales will be responsible for the preparation of the air quality analysis and greenhouse gas emissions evaluation. In addition, he will assist staff in preparing the environmental analysis and documentation, including data compilation and research tasks.

SUBCONSULTANTS

DD&A has assembled a group of highly qualified subconsultant firms with local experience to prepare technical analyses in the areas of forestry, cultural resources, noise, and transportation/traffic. DD&A has teamed with these firms multiple times within the local area and has a long-standing and successful working relationship. The qualifications of the firms are provided below, and staff resumes are included in Appendix A.

Frank Ono Consulting

Frank Ono is a Certified Arborist (#536) with over 20 years of experience providing arborist and urban forestry consultation services to public agencies, as well as private residences and businesses. DD&A will contract with Frank Ono to provide the arborist report for the proposed project. As the City of Pacific Grove's forester, he assisted the Pacific Grove Community Development Department in the development and implementation of its urban forestry program as well as assist in developing and managing the City Hazard Tree Risk Management Program. Mr. Ono is an original member of the California Pitch Canker Task Force and a board member of the California Urban Forest Council. He has conducted numerous tree assessments in the Carmel Valley, including work in Tehama, Pacific Meadows, Garland Ranch, and Carmel Valley Bicycle and Pedestrian Walking Trail.

Archaeological Consulting

DD&A will retain Mary Doane from Archaeological Consulting to perform the cultural analysis for the project. Mary Doane is a Field Archaeologist and Project Manager with 26 years of experience in the archeological field. Ms. Doane performs all aspects of field and impact assessment work which includes excavation, reconnaissance and monitoring, record searches, consultations with Native Americans,

preparation of field and lab documents, and preparation of project avoidance and mitigation measures. She has prepared scores of cultural studies for projects within Monterey County, specifically for the Public Works Department, including, but not limited to, Crazy Horse Bridge, Soledad Bridge, and Gonzalez River Bridge. Archaeological Consulting is a small business partnership, which has provided services in all fields of cultural resources management since 1977. The firm's expertise includes archaeology (both prehistoric and historic), ethnography, human osteology, cultural resource management and land use planning, National Register evaluation, Section 106 of the National Historic Preservation Act, and archival research.

Illingworth & Rodkin, Inc.

Illingworth & Rodkin, Inc. (I&R) was founded in 1897 and provides a complete range of consulting services in acoustics, vibration and air quality to governmental agencies, private sector clients and other environmental and design professionals. The firm has completed over 4,500 projects in architectural acoustics, community noise and vibration, industrial noise and vibration control, and air quality studies. The firm emphasizes objective and thorough analyses of issues, timeliness, teamwork, and practical solutions. The firm is experienced with both the State and Federal environmental regulatory processes. DD&A will retain Michael Thill of I&R to conduct a noise study and analysis of potential noise impacts. Michael S. Thill, is a senior consultant with over 12 years of professional experience. Mr. Thill's expertise lies in conducting field research, analyzing data, and noise modeling. He has conducted numerous field surveys in a variety of noise environments and has authored technical noise reports for residential projects, mixed-use projects, commercial projects, transportation projects, educational facilities, redevelopment projects, and office and industrial developments. Mr. Thill is proficient with use of FHWA's traffic noise prediction model (TNM), and is familiar with the procedures for preparing highway noise impact studies presented in Caltran's Traffic Noise Analysis Protocol and the Technical Noise Supplement (TENS). Some representative projects include Rancho Canada, FJL Center Monterey-Salinas Transit, and Parsons Slough Underwater Project.

Hatch Mott MacDonald (HMM)

HMM is a leading consulting engineering firm with a century of worldwide experience. HMM is a multi-discipline, award-winning consulting engineering firm with a century of experience on some of the world's most prominent transportation projects. HMM has nearly 30 years of experience performing transportation services in Monterey County. HMM has experience with the preparation of regional transportation planning and modeling, traffic studies, cost estimates, impact studies, Project Study Reports, project reports, and bicycle and pedestrian trail planning. DD&A will retain Jeffrey Waller of HMM to conduct a trip generation study and analysis of potential traffic impacts. Mr. Waller has over 13 years of experience in preparing traffic impact analyses and pedestrian and bicycle circulation studies across the greater Monterey Bay Area and San Luis Obispo and Santa Clara Counties. These studies cover a wide range of project types, including residential and mixed-use developments, shopping centers, corridor studies, project study reports, general plan updates, and peer reviews. As part of these studies, Mr. Waller has performed full traffic signal warrant evaluations, developed customized project trip generation estimates, evaluated pedestrian and bicycle circulation and safety, and performed parking supply and demand studies. Mr. Waller is experienced in various traffic analysis software packages, including Synchro and HCS. Some representative projects include: Bernardus Lodge, Brinton's expansion, Canada Woods (Tehama), Carmel Valley Master Plan (1985), Carmel Valley Ranch, Crossroads Shopping Center, Holman Ranch, Mid Valley Shopping Center, Quail Lodge, Quail Meadows, Rancho San Carlos (Santa Lucia Preserve), San Clemente Dam, and White Oaks Plaza.

Representative Projects

The following four projects are highlighted as representative public works projects in Monterey County where DD&A successfully completed the environmental review and permitting processes.

CARMEL HILL AND RIVER CLASS I BICYCLE TRAIL PROJECT

Monterey County, California

Client: TAMC

Contact: Todd Muck, Principal Transportation Planner, TAMC

(831) 755-4407, todd@tamcmonterey.org

DD&A provided environmental analysis and permitting for the development of a controversial, multi-use public trail within the Carmel area. The Transportation Agency for Monterey County (TAMC), in partnership with the Big Sur Land Trust, California Department of Parks and Recreation, and California Department of Transportation, consisted of constructing a Class I bicycle path from Rio Road at Highway 1 (near the Carmel River) north paralleling State Highway 1 to Canyon Drive near Carmel High School. The proposed project will allow bicyclists and pedestrians, including high school students, staff, and faculty, to avoid using Highway 1 in this vicinity, which is a high-volume highway. The key environmental impacts were construction impacts to air quality, noise, and traffic, safety issues, riparian and wetland habitat, special-status species, geology/erosion hazards, and water quality. The CEQA process included an Initial Study, EIR, and Mitigation Monitoring and Reporting Program. DD&A also prepared a number of technical studies in support of the environmental review process, including biological resources analyses (federally-listed species, wetland and riparian, invasive species, and migratory birds), visual assessment, and Coastal Act Consistency. DD&A has successfully acquired the regulatory permits from U.S. Fish and Wildlife Service, the California Department of Fish and Game, California Regional Water Quality Control Board, and U.S. Army Corps of Engineers. This project was federally and state funded.



HIGHWAY 1 COUNTY-SPONSORED WIDENING PROJECT

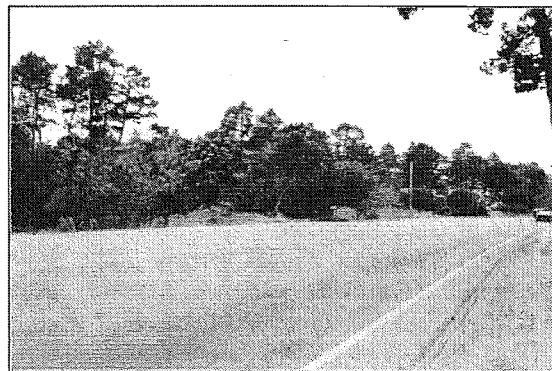
Monterey County, California

Client: Monterey County Department of Public Works

Contact: Paul Greenway, Assistant Director of Public Works

(831) 755-4800, greenwayp@co.monterey.ca.us

DD&A prepared the Initial Study/Mitigated Negative Declaration (IS/MND) for the widening of Highway 1 to three lanes through the Carmel area. Key staff met on a weekly basis with the Project Development Team (PDT), including Monterey County and Caltrans staff, to successfully facilitate the environmental review and project approval process, and assisted the design engineer in preparation of the Project Report/Project Study Report (PSR). DD&A also prepared a Mitigation Monitoring and Reporting Program, assisted in preparation of Findings for the project, and provided



monitoring and project construction condition compliance. The project was subsequently recognized by the Transportation Agency for Monterey County with a 2002 Transportation Excellence Award. The key environmental issues addressed in the environmental document were tree loss, Coastal Plan consistency, viewshed, and noise. This project was federally and state funded.

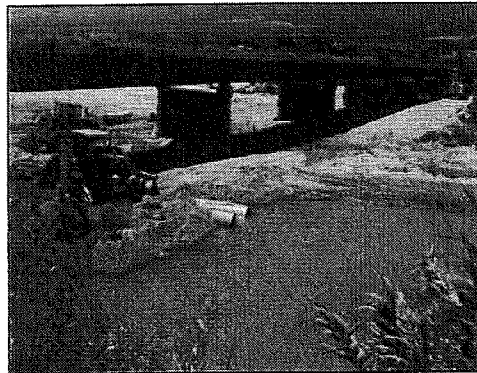
MONTEREY COUNTY BRIDGE SEISMIC RETROFITS/REPLACEMENTS

Monterey County, California

Client: Monterey County Department of Public Works

*Contact: Richard Weber, Principal, Whitson Engineers
(831) 649-5225, rweber@whitsonengineers.com*

DD&A worked closely with the Monterey County Department of Public Works to provide the NEPA/CEQA environmental documentation and permit acquisition for the retrofit of seven bridges and replacement of two bridges over the Salinas River, Arroyo Seco River, San Lorenzo Creek, Lewis Creek, Gabilan Creek, and other streams in Monterey County. This effort included the preparation of Preliminary Environmental Studies, Natural Environment Studies, and management of cultural resources studies and hazardous waste assessments. The environmental documentation included Categorical Exclusions/Exemptions, IS/MND, and EA/FONSI. In addition, DD&A facilitated coordination with Caltrans and FHWA, conducted ESA consultation, and acquired all of the necessary environmental regulatory permits (ACOE, CDFG, and the RWQCB). DD&A incorporated all of the environmental conditions into the Plans, Specifications and Cost Estimates (PS&Es), prepared Mitigation Monitoring and Restoration Plans, and performed the pre-construction and construction monitoring, which included wetland and riparian restoration at each site. This project was federally and state funded.



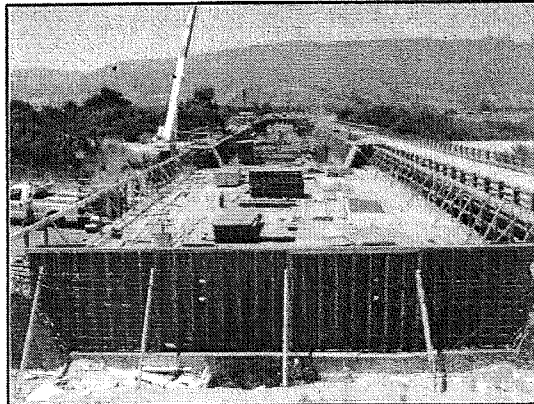
MONTEREY COUNTY THORNE ROAD BRIDGE REPLACEMENT

Monterey County, California

Client: Monterey County Department of Public Works

*Contact: Doug Poochigian, Department of Public Works
(831) 755-4800, poochigian@co.monterey.ca.us*

DD&A completed the IS/MND, BA, NES, and regulatory permitting for the replacement of the existing Thorne Road low level crossing with a two-lane high level bridge. The project is located in an unincorporated area of Monterey County, west of the City of Greenfield and south of the confluence of the Arroyo Seco and Salinas Rivers. The project was designed to provide adequate waterway capacity to handle a 100-year flood event and allow unimpeded migration of steelhead through this reach of the Arroyo Seco River. The primary issues evaluated in the IS/MND included aesthetics, biological resources, seismic hazards, river hydrology, flooding, water quality, and traffic.



OTHER RELEVANT ENVIRONMENTAL/PLANNING EXPERIENCE

TAMC Monterey Peninsula Light Rail Project. DD&A is contracted with Parsons to co-author the EIR/EA for the TAMC Monterey Peninsula Light Rail Project. The 16-mile Monterey Branch Line of the Union Pacific Rail Road track will be ultimately restored or constructed between Castroville (at Highway 156) and downtown Monterey to provide local rail service. DD&A is preparing a number of technical studies in support of the EIR/EA, including studies for biological resources, wetlands, aesthetics, coastal resources, agricultural resources, land use compatibility, socioeconomics and environmental justice, air quality, and climate change. *Client: TAMC*

County of Monterey Contract Planning Services, Monterey County. DD&A maintained a contract with the Monterey County Planning Department to provide CEQA services and assist in the processing of development applications for the Coastal and Inland Planning Areas. Services provided included initial review of each project, preparation of the project description and processing schedule, evaluation of the application for consistency with local, state, and federal regulations, consultation with other County Departments and responsible and interested agencies, field visits to determine constraints, completion of CEQA review, and preparation of any required environmental assessments, such as Initial Studies and Negative Declarations. DD&A also prepared staff reports, attended Administrative, Minor and Major Subdivision Committee Meetings, Planning Commission, and/or Board of Supervisors Hearings, and prepared the necessary presentations. DD&A staff's specific municipal experience in permit processing and familiarity with County policy has allowed for efficient and complete permit processing and environmental review. *Client: County of Monterey*

Cañada Reservoir Preliminary Environmental Assessment, Monterey County. DD&A provided project management of environmental and engineering aspects of this regional project. DD&A prepared comprehensive environmental studies for the preliminary feasibility phase for construction of a 28,000 acre foot reservoir in the Carmel Valley area of Monterey County. Services included management and coordination of hydrologic and computer modeling, river hydraulics and sedimentation, biological resources, seismicity, geotechnical, archaeology and cost estimating studies. DD&A was also the project manager and consultant retained to process the proposed reservoir through the engineering and design phase of the project, as well as coordinate the environmental process through State and Federal resource agency requirements. *Client: California-American Water Company and American Water Works Service Company*

Operation Reconfiguration of Lower Carmel Valley Wells, Carmel Valley. DD&A served as project manager and environmental consultant on a team of biologists, hydrologists and engineers that studied the feasibility of reconfiguring of California American Water Company's (Cal-Am's) points of diversion and water delivery system on the Carmel River from San Clemente Dam to the river mouth. This water supply system serves the majority of Carmel Valley and the Monterey Peninsula and Cal-Am's water rights are under State Water Resources Control Board (SWRCB) adjudication as part of a water rights/public trust resources legal challenge. The DD&A team identified five reconfiguration scenarios involving eliminating or reducing upper river diversion points, adding additional wells downstream, and changing pumping patterns. Each scenario was hydrologically and geohydrologically modeled and the effect of each operational scenario on river flow depth and duration, drawdown and associated effects quantitatively determined. The potential adverse and beneficial effects of each scenario relative to baseline were analyzed for steelhead and aquatic habitat, red legged frog and riparian habitat and sensitive lagoon habitat. The engineering analysis identified the well, pumping, pipeline, treatment plant and other engineering modifications that would be required for

each scenario. The scenarios were then ranked relative to environmental benefit and cost/reliability. The DD&A team has been retained to respond to SWRCB, agency and plaintiff comments and revise the study as needed. *Client: California American Water Company*

Master Contracts with City of San Jose Department of Public Works. DD&A has served as an environmental consultant for various divisions of the City of San Jose Public Works Department, and is currently working under a Master Contract with the Community Facilities Architectural Services. DD&A has provided environmental analysis and expertise on a broad range of public projects. Environmental review has included: 1) CEQA review and documentation; 2) habitat assessment, mitigation, and monitoring; 3) archaeological review and monitoring; 4) community outreach; and 5) responding to concerns/comments from public agencies and individuals. A partial list of relevant projects is provided below. For CEQA-related projects, DD&A worked with the project team, including the design engineer, Public Works representatives, and Planning Department to minimize or avoid potential environmental impacts as part of the project design.

- Lake Cunningham Park Improvements Project IS/MND
- Almaden Lake Park Renovations IS/MND, Phase I & II
- Lone Bluff Park IS/MND
- San Jose Coleman Avenue Soccer Complex IS/MND

Coastal Trail/Shoreline Improvements, City of Pacific Grove. The City of Pacific Grove proposed a series of shoreline repair measures on the coastal bluff along Ocean View Boulevard to stabilize the bluff and reduce coastal erosion, wave run-up, and coastal bluff recession. The project included 18 repair sites adjacent to the existing Monterey Bay Coastal Trail. DD&A prepared the IS/MND that included a detailed analysis of the potential environmental impacts on this sensitive coastal habitat, including coastal erosion and wave run-up, biological resources, and archeological constraints. Our work on the IS/MND included rare plant and sensitive habitat surveys, mapping of sensitive resources, and preparation of appropriate avoidance and mitigation measures to allow construction of the trail improvements. *Client: City of Pacific Grove*

Carmel Valley Class I Bicycle Trail, Monterey County. DD&A prepared an Initial Study, EIR, National Environmental Policy Act (NEPA) technical studies, mitigation monitoring and reporting plans/programs, as well as permitting documentation for a Class I bicycle and pedestrian trail. The trail included including an undercrossing of a Caltrans Highway in Carmel, California. The project was proposed by the Transportation Agency for Monterey County (TAMC) in partnership with the Big Sur Land Trust, California Department of Parks and Recreation, and California Department of Transportation. Primary issues considered in the environmental documents included land use compatibility, hazards and safety, biological resources, traffic, noise, geotechnical and geological hazards, hydrology, air quality, and cultural resources. Additionally, DD&A prepared a rare plant survey, wetland delineation, and a Biological Assessment per Caltrans and U.S. Fish and Wildlife Service standards that evaluated and mitigated potential impacts to the Federally listed California red-legged frog and Smith's blue butterfly. DD&A also completed the resource agency permitting (California Department of Fish & Wildlife 1602 Streambed Alteration Agreement, Army Corps of Engineers Section 404 Permit, and a Regional Water Quality Control Board Section 401 Permit). The project was completed in 2010 and DD&A provided the construction-period mitigation monitoring and reporting and site restoration services. *Client: County of Monterey*

APPENDIX A

RESUMES



Denise Duffy

Principal

Education

Public Policy and Planning
Studies, University of California
at Berkeley, Continuing
Education

Bachelor of Arts, Environmental
Studies, University of California
at Santa Barbara, 1977

Experience

Principal/President, DD&A, Inc.
*Senior Manager/Environmental
Planner*, EMC Planning
Assistant Planner, City of Fresno
Intern, California Department of
Fish and Game

Professional Affiliations

Member, Association for
Environmental Professionals
Member, American Planning
Association
National Environmental Policy Act
(NEPA) Professionals
Planning & Conservation League

Additional Affiliations/ Volunteer Experience

Guest Lecturer/Speaker, Monterey
College of Law, California State
University
Vice President, Board of Santa
Lucia Conservancy
Past Board Member, Big Sur Land
Trust Monterey Open Space
Trust
Founding Member, Mozart Festival
Monterey Federal Credit Union

Denise Duffy is founder and president of the company, and has extensive experience in public involvement, environmental analysis, project management, entitlement processing, and interagency coordination. Ms. Duffy is a leader in the field of land use planning and environmental and public policy in the Central Coast area. She brings over 30 years of experience in CEQA and NEPA processing, public involvement, and project management for major infrastructure studies. Ms. Duffy has prepared, managed and participated in hundreds of environmental analyses and reports including EIRs, EAs, EISs and IS/MNDs.

Ms. Duffy's experience includes environmental reports and analysis that have been conducted for and/or been accepted by State and Federal Agencies including Caltrans, California Department of Water Resources (DWR), Bureau of Reclamation (BR), Federal Aviation Administration (FAA), Bureau of Land Management (BLM), Army Corps of Engineers (USACOE), Federal Highway Administration (FHWA), National Marine Fisheries (NMFS/NOAA), U.S. Department of Housing and Urban Development (HUD), U.S. Fish and Wildlife Service (USFWS), as well as various other federal and state review agencies. Her experience qualifies her as project manager, development expert, and land use consultant for major facility and planning projects in California.

Ms. Duffy has extensive experience managing and authoring environmental assessment documents for private and public developments and in the management of complex water resource planning processes for large transportation planning projects. Her recent project experience includes preparing EIRs under CEQA and Environmental Assessments under NEPA for major infrastructure projects for Caltrans, the Marina Coast Water District, the Santa Clara Valley Water District, the Monterey Peninsula Water Management District, the Department of Water Resources, the Fort Ord Reuse Authority, the Carmel Area Wastewater District, the Pebble Beach Community Services District, and other agencies. Past project experience includes preparation of environmental documentation for Department of Water Resources and California-American Water Company. Ms. Duffy has extensive experience in public involvement, including the development of policy consensus in planning projects; she has worked in a variety of positions that require governmental cooperation and citizen involvement.

Project Experience:

Denise Duffy has acted as Principal-In-Charge for a wide variety of transportation and infrastructure projects in the Monterey Bay, Santa Cruz, Benito Counties and greater region, including, but not limited to:

Transportation Projects:

- Preliminary Environmental Assessment Report (PEAR) for the Carmel Highway
- 1 Bridge Project (Caltrans)
- Carmel Hill and River Corridor Class I Bicycle Trail, Transportation Agency of Monterey County
- Santa Cruz Metropolitan Transit MetroBase Facility EIR
- Highway 25 Safety and Operational Enhancements Project, Transportation Agency San Benito County
- Monterey County Bridge Seismic Retrofits/Replacements
- 2nd Avenue/12th Street Roadway Project
- North-South Road (General Jim Moore Boulevard) Widening Project
- Highway 218 Widening Project

Denise Duffy
Principal

Selected Monterey County Projects:

- *Tavernetti Morsoli EIR*
- *On-call Environmental Planning Contract with County of Monterey*
- *County of Monterey Regional Transportation Plan EIR Villas de Carmelo EIR, Coastal Zone, Monterey County*

Long-Range Planning:

- *Gilroy General Plan and General Plan Update EIR City of Del Rey Oaks EIR*
- *Conceptual Master Planning for Fort Ord Reuse Plan for Army Corps*

Water Infrastructure Projects:

- *Coastal Water Project, Regional Desalination Plant NEPA Compliance, Marina*
- *Coast Water District and United States Bureau of Reclamation*
- *Desalination Plant EIR, Marina Coast Water District*
- *Regional Water and Reclamation Project EIR, former Fort Ord and Marina*
- *Lessalt Water Treatment Plant Constraints Analysis, City of Hollister*
- *Eastern Distribution Water System Initial Study, Marina Coast Water District*
- *Branciforte Water Services Extension IS, City of Santa Cruz Water Dept. San Clemente Dam EIR, State Department of Water Resources*
- *Regional Water Supply Program, Marina Coast Water District*
- *Three Way Recycled Water Agreement, Marina Coast Water District*
- *Moore's Lake IS & CEQA Preparation, State Department of Water Resources*

Wastewater Infrastructure Projects:

- *Carmel Highlands Onsite Wastewater Management Plan, Initial Study, Monterey County Health Division*
- *City of Hollister Wastewater Treatment Plant Negative Declaration*
- *Outfall Brine Disposal Agreement, Marina Coast Water District*
- *Desalination Plant Brine Discharge Initial Study, Monterey Regional Water Pollution Control Agency*
- *CAWD Reclamation Project EIR, Carmel Area Wastewater District*
- *Gilroy Storm Water Management Program IS, City of Gilroy*

Section 10 and Section 7 Projects:

- *Santa Lucia Preserve Habitat Conservation Plan EA, Rancho San Carlos*
- *Partnerships and the U.S. Fish & Wildlife Service*
- *Fort Ord Habitat Conservation Plan EIR/EIS, Fort Ord Reuse Authority and the U.S. Fish & Wildlife Service*

Other Representative Projects:

- *Entitlements and Permit Processing for Santa Lucia Preserve, Rancho San Carlos Partners*
- *El Rancho San Benito Entitlements Processing, San Benito County Planning Department*
- *Del Rey Oaks Resort EIR, City of Del Rey Oaks*
- *Miravale Phase III Specific Plan EIR, City of Soledad*
- *Conceptual Base Reuse Plan for former Fort Ord Army Base, Army Corps of Engineers*
- *Seaside Resort Hotel Project, Seaside Resort Hotel Developers*
- *Corral de Tierra Shopping Center, Omni Resources*
- *CSUMB Master Plan EIR, California State University of Monterey Bay*
- *Marina Station EIR, City of Marina*



Erin Harwayne, AICP

Senior Environmental Scientist/Planner/Project Manager

Education

Bachelor of Science, Earth Systems
Science & Policy (Marine and
Coastal Ecology), California
State University Monterey Bay,
2000

Continuing Education, Land
Use/Natural Resources Topics,
through University of California
Extension Program and CLE
International

Experience

*Environmental Scientist/Planner/
Project Manager, DD&A*

*Research Assistant, Monterey Bay
National Marine Sanctuary*

Professional Affiliations

Member, Association for
Environmental Professionals
Member, American Planning
Association
Member, California Native Plant
Society

Registrations/Certifications

American Institute of Certified
Planners (AICP)
CEQA and NEPA Intensive
Workshop Certifications
Fairy and Tadpole Shrimp
Identification Class and Service
Test Certification
PADI Certified SCUBA Diver
Service Federal Recovery Permit
No. TE-091857-0 - California
tiger salamander
DFG Research Permit for Listed
Plant Species No. 04-08-RP -
Sand gilia
DFG Scientific Collection Permit
No. CS-007722 - Aquatic
invertebrates

With 13 years at DD&A, Erin Harwayne, AICP, has managed and prepared numerous environmental documents in compliance with CEQA and NEPA for a wide variety of projects involving educational facilities, natural resources management, water supply and distribution, military base reuse, public works, and transportation and transit infrastructure. She has experience preparing all types and levels of environmental documents, including:

- Initial Studies/Mitigated Negative Declarations (IS/MND)
- Environmental Assessments/Finding of No Significant Impact (EA/FONSI)
- Environmental Impact Reports (EIR)
- Environmental Impact Statements (EIS)
- Biological Assessments (BA)
- Natural Environment Studies (NES)
- Wetland Delineation Reports
- Mitigation Monitoring and Reporting Programs (MMRPs)

Integrating her extensive background in ecology with land use planning, Ms. Harwayne utilizes an innovative approach toward solving complex environmental issues.

Her technical capabilities are as follows:

- Adeptness in regulatory permitting processes, including Clean Water Act Section 401 and 404, California Department of Fish and Wildlife (DFW) 1602 Lake and Stream Alteration Program, Federal Endangered Species Act Section 7 consultation and Section 10 permit processes, California Endangered Species Act Section 2081 Incidental Take Permits, and Coastal Development Permits
- Management and preparation of environmental documents in accordance with CEQA and NEPA requirements and local, state, and federal policies and regulations
- Proficiency in conducting biological surveys, including protocol-level surveys for special-status wildlife and plant species such as the San Joaquin kit fox, California tiger salamander, black legless lizard, California red-legged frog, vernal pool crustaceans (fairy and tadpole shrimp), sand gilia, Monterey spineflower, and seaside bird's beak
- Experience in conducting wetland delineations per United States Army Corps of Engineers (ACOE) and California Coastal Act criteria
- Expertise in the environmental review processes for the California State University and University of California systems
- Excellent communication and presentation skills
- Highly skilled in technical writing and editing
- Expertise in preparing scopes, managing sub-consultants, and keeping projects within established budgets and timeframes

Transportation and Other Infrastructure Projects:

- *Monterey Bay Peninsula Light Rail Project – Transportation Agency for Monterey County*
- *Eastside Parkway Biological Study – Fort Ord Reuse Authority*
- *Uvas Creek Park Preserve Trail Improvements IS/MND – City of Gilroy*
- *Carmel Valley Class I Bicycle Trail IS/MND – Monterey County Department of*

Erin Harwayne, AICP

Senior Environmental Scientist /Planner/Project Manager

Public Works

- *Carmel Valley Road Improvements IS/MND – Monterey County Department of Public Works*

ESA Section 10 Permits and Section 7 Consultation Projects:

- *Fort Ord Habitat Conservation Plan EIR and EIS – Fort Ord Reuse Authority and the U.S. Fish and Wildlife Service*
- *Monterey Bay Regional Desalination Project Biological Assessment – MCWD, Cal-American Water, and U.S. Bureau of Reclamation*
- *Recycled Water Project Biological Assessment – MCWD and U.S. Bureau of Reclamation*
- *Santa Lucia Preserve Habitat Conservation Plan EA – Rancho San Carlos Partnership and the U.S. Fish and Wildlife Service*
- *Marina Heights DFG Incidental Take Permit – The Chadmar Group*
- *Endangered Species Act Educational Workshop and Staff Training – MCWD*

Educational Facility Projects:

- *2007 Master Plan and Near-Term Projects EIR – California State University Monterey Bay/Board of Trustees*
- *West Campus Building Demolition Project – CSUMB*
- *North Quad Student Housing IS/MND – CSUMB*
- *Outdoor Pool IS/MND – CSUMB*
- *North Campus Housing EIR – CSUMB*
- *Land Exchange Addendum to Master Plan EIR, CSUMB*
- *Environmental and Constraints Analyses for Building Demolition Pilot Project, Library Project, Visitor's Center Project, Sports Complex Project, Co-Generation Plant, and Telecommunications Infrastructure Upgrade Project – CSUMB*

Biological, Wetland Assessment, and NES Projects:

- *Haskell's Landing – City of Goleta, The Chadmar Group*
- *Veteran's Cemetery – Fort Ord Reuse Authority*
- *Monterey Downs Horse Park – Monterey Downs, LLC*
- *Whispering Oaks Business Park and MST Facility – Monterey Salinas Transit*
- *Regional Water Augmentation EIR – MCWD*
- *Marina Station EIR – City of Marina*
- *Seaside Main Gate EIR – City of Seaside*
- *LaTourette Subdivision EIR – County of Monterey*
- *Gilroy General Plan Update EIR – City of Gilroy*
- *Regency Center EIR – City of Gilroy*
- *Biological Assessment for the General Plan Update – City of Monterey*
- *Arroyo Seco Road Guardrail NES – Monterey County Department of Public Works*
- *Highway 25 Safety Improvement NES - Caltrans District 4 and Council of San Benito County Governments*

Water Facilities Projects:

- *Storm Drain Improvements Project IS/MND – City of Carmel-by-the-Sea*
- *Tank Design and Improvements Project EA/IS – MCWD*
- *Water Supply Master Plan EIR – MCWD*
- *Castroville Storm Drain Master Plan Improvements Project – Monterey County Department of Public Works*
- *Pond A-4 Sediment Storage Environmental Analysis – Santa Clara Valley Water District*



Alison Imamura, AICP

Senior Planner/Engineer/Air Quality Analyst/Project Manager

Education

Master of Science, Civil and Environmental Engineering, University of California at Berkeley, 1996 (Air Quality emphasis)

Bachelor of Science, Environmental Engineering, Cal Poly San Luis Obispo, 1995.

Continuing Education, Land Use/ Natural Resources, University of California, Davis, APA and AEP seminars.

Experience

Senior Environmental Planner/ Engineer, DD&A

Environmental Engineer, Radian International

Water Resources Engineer, California Regional Water Quality Control Board, Central Coast

National Science Foundation Intern, University of Southern California Center for Laser Studies

Professional Affiliations

Association of Environmental Professionals (AEP)
American Planning Association

Registrations/Certifications

American Institute of Certified Planners (AICP)
Engineer-in-Training (EIT)

Alison Imamura, AICP, is a professional planner and environmental engineer with over 15 years of experience managing and preparing major environmental documents for public agencies, in addition to local, state, and federal permit and entitlements processing, and environmental monitoring and reporting. Ms. Imamura has a technical background in environmental and civil engineering and provides project management and CEQA/NEPA expertise on a range of projects. She is intimately familiar with local, state, and federal issues, policies, and regulatory regimes regarding infrastructure water supply, air quality, and climate change.

Her technical capabilities are as follows:

- Design, construction, and operation of waste water and water supply systems and other infrastructure projects
- Analysis and development of effective and feasible mitigation measures for air quality, global climate change and greenhouse gases, and water quality/wetlands impacts projects
- Air quality engineering, including complex air pollution modeling and inventories of regional pollutants, particulate matter, toxics, and greenhouse gas emissions
- Permitting under the California Coastal Act, Clean Water Act, Endangered Species Acts, and National Pollutant Discharge Elimination System (NPDES)
- Experience evaluating hazardous material issues and solutions at contaminated sites
- Specific and general planning principles and practices through AICP certification maintenance and ongoing and continuing education
- Water supply, wastewater/recycled water, and transportation infrastructure planning and funding
- Management of mitigation monitoring and condition compliance programs for major land use development and infrastructure projects, including residential, commercial, transportation, water supply, wastewater, and drainage facilities

Water Resources and Infrastructure Projects:

- *Pajaro Valley Water Management Agency, Basin Management Plan 2012 Environmental Impact Report (EIR)*
- *Monterey Peninsula Integrated Regional Water Management Plan 2013 Update*
- *Monterey Peninsula Groundwater Replenishment Project CEQA and Entitlements Services, Monterey Regional Water Pollution Control Agency*
- *MCWD On-Call Contract Planning and Water Supply Assistance*
- *Carmel Valley Filter Plant Clearwell Project Constraints Analysis Permitting and Environmental Monitoring.*
- *Carmel Area Wastewater District Salinity Management Program/Advanced Tertiary Project Environmental Review and Permitting*
- *Carmel Highlands On-Site Wastewater Management Plan – Environmental Constraints and Strategy Analysis, Initial Study (IS)/ Negative Declaration (ND)*
- *Salinas Valley Groundwater Basin Well 32 Replacement Project Initial Study/Negative Declaration*
- *MCWD/Salinas Valley Groundwater Basin Eastern Distribution Environmental and Permitting Strategy Coordination*
- *City of Seaside Well Replacement and Bay Avenue Storm Drain Projects IS/NDs*
- *City of Hollister/Sunnyslope Water District/San Benito County Water District Lessalt Water Treatment Plant Upgrades and Operation IS*
- *Monterey Bay Regional Water Supply (Desalination) Project Local Agency Environmental Review and Implementation, NEPA, CEQA, and Permitting*

Alison Imamura, AICP

Senior Planner /Engineer/Air Quality Analyst/Project Manager

- Marina Coast Water District (MCWD) Water Augmentation Project/Recycled Water Project Environmental Impact Report (EIR), Addenda, NEPA Environmental Assessment, and Permitting
- Monterey Regional Water Pollution Control Agency Recycled Water Agreements and Pumping Plant Environmental Strategy and Compliance
- Seaside Groundwater Basin: Environmental Review of Sentinel Wells and Seawater Intrusion Response Plan and Basin Management Action Plan
- California-American Water Company Water Supply Infrastructure Upgrades Environmental Processing and Permitting

Coastal Development Permitting Services:

- Seaside Groundwater Basin Sentinel Monitoring Wells
- Carmel Area Wastewater District Salinity Management Project/Advanced Tertiary Treatment
- Carmel Highlands Sewer Connection Project
- Carmel Hill and River Bicycle Trail Project
- Carmel Beach and Bluff Protection Project

Alternative Transportation Facilities Projects:

- Carmel Hill/River Bicycle and Pedestrian Trail NEPA/CEQA and permitting
- Santa Cruz Rail Line CEQA/NEPA
- Pacific Grove Shore Improvement and Multi-Use Trail Project IS
- Carmel Beach Bluff and Trail Protection IS/ND and Permitting
- Gilroy Trails and Parks Initial Studies (3)

Other Transportation / Public Facilities Planning and Environmental Review:

- Monterey Regional Water Pollution Control Agency Solar Power Plant
- Caltrans NEPA Noise Studies, Statewide
- Capitola Road Improvements NEPA/CEQA Technical Studies
- Carmel Storm Drain and Tree Removal projects IS/ND
- Carmel Valley Road Improvement Projects IS/ND
- San Benito County Fairview Road Left Turn Channelization Project NEPA Technical Studies
- Panattoni Bridge and Riparian Restoration (Carmel Beach) IS/MND

Contract Planning, Entitlements and Mitigation Monitoring:

- Seaside Highlands Housing Development Project Contract Planning and Mitigation Monitoring
- Seaside Resort Development Entitlements Processing
- SPCA Monterey County Horse Rescue Facility Environmental Assessment and Entitlements and Overall Facility Planning

Commercial and Residential Environmental Review:

- City of Hollister Creekbridge Residential Rezoning/Annexation EIR
- City of Del Rey Oaks Creekside Center Mixed Use Project EIR
- City of Seaside First Tee Project Contract Planning, IS, Environmental Assessment, and EIR
- City of Gilroy Miraflores and PSI Residential Development IS/MNDs
- City of Carmel-by-the-Sea Hitchcock House/San Carlos Inn Project EIR
- City of Capitola Rispin Mansion Hotel and Library EIR
- Tavernetti/Morisoli Subdivision EIR

Long-Range Planning:

- Gilroy General Plan Update EIR and Eastside Studies General Plan Amendment Environmental Studies
- Gilroy Urban Service Area Amendments EIR
- MCWD Water System Master Plan and Capital Improvement Plan



Julia Simmons

Associate Environmental Planner

Education

Master of Environmental Law and Policy, Vermont Law School, 2005

Bachelor of Arts, English and Communications, Saint Joseph's University, Philadelphia 2001

Experience

Environmental Planner, DD&A, 2013- Present

Environmental Planner, AECOM, 2012- 2013

Planner, County of Maui Department of Long Range Planning, 2007- 2012

Naturalist, Pacific Whale Foundation, 2006- 2007

Intern, Elkhorn Slough Coastal Training Program

Professional Affiliations

Member, Association for Environmental Professionals
Member, American Planning Association

Ms. Simmons is a planner with seven years of professional planning experience in both the public and private sectors. She has worked on projects at the local, county, state, and federal levels. Ms. Simmons has managed the preparation of numerous environmental documents in compliance with Hawaii state law and NEPA. Her wide-ranging project experience described in more detail below includes long-rang and site-specific planning and review, transportation infrastructure improvement projects, streambank restoration, and rockfall mitigation.

In her capacity as a County planner, Ms. Simmons gained extensive experience in community planning while working with legislative bodies to create plans and develop environmental policy.

She has experience preparing many types and levels of environmental documents, including:

- Environmental Impact Statements (EIS)
- Environmental Impact Reports (EIR)
- Environmental Assessments/Finding of No Significant Impact (EA/FONSI)
- Wetland Delineation Reports
- Constraints Analysis
- Natural Resources Analysis
- Permitting Assistance
- Contract Planning
- Biological Assessments in support of NEPA documents
- Clean Water Act Section 401 and 404 permits

Incorporating both her extensive background in environmental law and land use planning, Ms. Simmons utilizes an innovative approach toward solving complex environmental issues.

Her technical capabilities are as follows:

- Expertise in the regulatory permitting processes, including Clean Water Act Section 401 and 404, Federal Endangered Species Act Section 7 consultation, National Historic Preservation Section 106 Consultation.
- Management and preparation of environmental documents in accordance with NEPA requirements as well as local, and state, policies and regulations.
- Experience in conducting wetland delineations per United States Army Corps of Engineers (USACE).
- Skill writing comprehensive plans and utilizing policy language.
- Land use analysis and fatal flaw analysis for building siting
- Training in Geographic Information Systems (GIS) software to create maps and display data for use in technical reports and application submittal packages.

Public Infrastructure Projects

- *Hana Highway Emergency Repairs, Federal Highways Administration*
- *Molokai Hydropower (EA), Department of Agriculture*
- *Hilo Bay Wastewater Treatment Plant Outfall , County of Hawaii*
- *Prospect Street Rockfall Mitigation, Hawaii State Department of Transportation*
- *Department of Transportation Culverts Repairs, Hawaii State Department of Transportation*
- *Ajayan Bridge Replacement, Federal Highways Administration*
- *Central Maui Waste-to Energy Facility, County of Maui*
- *Hakalau Bridge Repair and Rockfall Mitigation, Federal Highways Administration*

Community Planning Projects

- *Countywide General Plan, County of Maui Department of Planning*
- *Maui Island Plan, County of Maui Department of Planning*
- *Lanai Community Plan, County of Maui Department of Planning*
- *Molokai Community Plan, County of Maui Department of Planning*
- *Kahului Airport Master Plan, Technical Advisor, Hawaii State Department of Transportation*
- *Southwest Maui Watershed Plan, Technical Advisor, Southwest Maui Watershed*

Regulatory Compliance Projects

- *Manoa Valley Stream Tributary Retaining Wall, City and County of Honolulu*
- *Hanalei Valley Streambank Restoration, Department of Land and Natural Resources*

Other Projects

- *Guam Live-Fire Training Range Complex SEIS, Department of Navy*
- *Waimea Bay Rockfall Mitigation, Hi'ipaka, LLC*
- *Hanauma Bay Rockfall Mitigation, Department of Land and Natural Resources*



Matthew P. Johnson

Associate Environmental Scientist / GIS Manager

Education

Bachelor of Science, Earth Systems
Science and Policy, California
State University of Monterey
Bay, Seaside, California, 2001

Microsoft Certified Systems
Engineer, New Horizons
Computer Learning Center

Work Experience

*Associate Environmental Scientist /
Geographic Information Systems
Analyst, DD&A*

*Geographic Information Systems
Research Analyst, California
Department of Fish and Game,
Marine Region*

Professional Affiliations

Central Coast Joint Data Committee
Monterey Peninsula Audubon
Society

Registrations/Certificates

Trimble Certified GPS Operator
Wetlands Regulation and
Mitigation Training Seminar
Special Status Amphibians and
Reptiles of Northern California
The Western Section of Wildlife
Society Annual Meeting and
Symposium

USFWS Federal Recovery Permit
TE-091857-0 - California tiger
salamander and California red-
legged frog (authorized
individual)

CDFG Scientific Collection permit
SC-007701 - Mammals,
Reptiles, Amphibians, and
Freshwater/terrestrial
invertebrates

CEQA Basics Workshop (AEP)
40 Hour HAZWOPER Certification

Mr. Johnson has 11 years of experience working in the environmental field and is a professional Geographic Information Systems manager (GIS), with a background in environmental science and policy. He has experience in several GIS software platforms and their application to land planning policy and regulation. He has also worked with a variety of GIS datasets from several different agencies including; USGS, CCC, SPOT, MBARI, Digital Globe, several counties and cities, and several universities in the California State system. His responsibilities include spatial data collection, management and analysis. Mr. Johnson spent two years working at the California Department of Fish and Game prior to coming to DD&A. In addition to his GIS work, Mr. Johnson also works as a biologist collecting field data, preparing biological documents and regulatory permits. Mr. Johnson holds state and federal permits to handle multiple listed wildlife species and is expert in conducting protocol presence/absence surveys for California red-legged frog, California tiger salamander, and additional wildlife species.

His technical expertise is demonstrated in his background projects and training:

- Designed and Implemented a GIS network structure for the Marine Region of the Department of Fish and Game and DD&A:
 - Collection and organization of GIS data sets from several different sources
 - Research and acquisition viable of GIS software
 - Design of redundant back up system for GIS data collections
- Creation of new GIS data sets using several different hardware and software platforms:
 - Creation of custom digital multi-spectral video (DMSV) applications for coastal kelp mapping
 - Authored the *Guide to Macrocystis Spectral Classification for TNTMips Software*
 - Produced complete 2002 & 2003 kelp maps for the CA coastline for CDFG
 - Produced several BA (Biological Assessment) cartographic products using on the fly digitizing from existing aerial data sets
 - Analyzed multi-layered geo-databases to assist in efficient project related decision making
- Technical experience includes preparing biological reports for a broad range of environmental documentation in accordance with CEQA and NEPA requirements and local, State, and federal policies and regulations, including the Clean Water Act and the federal and state Endangered Species Act, including:
 - Biological Assessments (BA)
 - Natural Environment Studies (NES)
 - Wetland Delineation Reports
 - Mitigation Monitoring and Reporting Programs (MMRP)
 - Permit Applications for CDFG, ACOE, USFWS, etc.
- Botany, wildlife, and wetland science experience gained working on a wide variety of projects involving special-status species and sensitive habitats.
- Proficiency in conducting biological surveys, including protocol-level surveys for special-status wildlife and plant species such as the California tiger salamander, California red-legged frog, sand gilia, Monterey spineflower, and seaside bird's beak.

Matthew P. Johnson
Environmental Scientist / GIS Analyst

Water Resources Projects:

- *Moore's Lake Initial Study & CEQA Preparation, Rancho San Carlos Partnerships*
- *Gilroy Storm water Management Program Initial Study & CEQA Preparation, City of Gilroy*
- *CAWD Reclamation Project Phase II, Carmel Area Wastewater District*
- *MCWD Tanks B, D & E, RBF Consulting*
- *Implementation of the EIR Mitigation, Monitoring and Reporting Plan at the Ridgemark Wastewater Treatment and Recycled Water Improvement Project, Sunnyslope Water District*

Biological Assessment Projects:

- *Ferrini Ranch Bio Assessment, Bollenbacker & Kelton, Inc.*
- *Snowcreek Preliminary Bio Assessment, Chadmar, Inc.*
- *Wang Subdivision Biological Assessment, Pacific Municipal Consultants*
- *Marina Heights Biological Services, Allen, Mack, Leck, Gamble & Malloy*
- *Fort Ord Natural Reserve OU-1 Rare Plant Survey and Reporting, HGL, Inc.*
- *Fort Ord Wildlife Surveys, Shaw Environmental, Inc.*
- *Sand Gilia Restoration Monitoring, UC MBEST*

ESA Section 10 Permits and Section 7 Consultation Projects:

- *Santa Lucia Preserve Habitat Conservation Plan, Rancho San Carlos Partnerships and the U.S. Fish and Wildlife Service*
- *Fort Ord Reuse Authority Habitat Conservation Plan, Fort Ord Reuse Authority*

Linear Projects:

- *Carmel Hill and River Class I Bicycle Trail Project, TAMC*
- *Carmel Valley Class I Bike Trail Project, Creegan and D'Angelo*
- *Crazy Horse Bridge Project, County of Monterey*
- *Highway 25 Safety & Operational Enhancements CEQA and IS Preparation, URS Corporation - San Jose*
- *Thorne Road Bridge Replacement Project, County of Monterey – Public Works*
- *Crazy Horse Bridge Restoration & Monitoring, County of Monterey – Public Works*
- *Monterey Bay Sanctuary Scenic Trail Master Plan, Alta Planning & Design*

Other Representative Projects:

- *Seaside Resort Hotel Project, Seaside Resort Hotel*
- *Corral de Tierra Shopping Center, Omni Resources*
- *Carlsen Estates EIR, Monterey County Planning and Building Inspection*
- *First Tee, City of Seaside*
- *CSUMB Master Plan EIR, California State University of Monterey Bay*
- *LaTourette Subdivision IS & CEQA Preparation, County of Monterey – Planning*
- *Marina Station EIR, City of Marina*
- *Mazda Raceway/Laguna Seca Recreation Area Protocol-level CTS Surveys, Monterey County Department of Parks and Recreation*



Jami Davis

Assistant Environmental Scientist /GIS Analyst

Education

Bachelor of Science, Earth Systems
Science and Policy (Marine &
Coastal Ecology), California
State University of Monterey
Bay, 2005

Experience

Assistant Environmental Scientist,
DD&A

Staff Biologist, Zander Associates

*Field Ecologist/Supervisor for the
Parker Flats Burn Project, Lars
Pierce/Fort Ord Reuse Authority*

Registrations/Certificates

California Red-legged Frog
Workshop (Elkhorn Slough
Coastal Training Program)
Rare Pond Species Workshop (The
Laguna Foundation)
Arctostaphylos Workshop (Jepson
Herbarium)
Basic Botany Workshop (Jepson
Herbarium)
Poaceae Workshop (Jepson
Herbarium)
Flora of San Luis Obispo County
(Jepson Herbarium)
CEQA Basics Workshop (AEP)
Service Federal Recovery Permit
TE-091857-0 - California tiger
salamander (authorized
individual statewide)
DFG Scientific Collection permit
801136-04 - Mammals, Reptiles,
Amphibians,
Freshwater/terrestrial
invertebrates
40 Hour HAZWOPER Certification

Ms. Davis is an Assistant Environmental Scientist and GIS Analyst with eight years of experience working in the environmental field. At DD&A her responsibilities include conducting botanical field surveys, biological monitoring, and wetland delineations; preparation of biological reports, Mitigation Monitoring and Restoration Plans, and regulatory permit applications; Global Positioning System (GPS) data collection; Geographic Information Systems (GIS) analysis; and graphics support for biological and planning documents. Ms. Davis also serves as the lead biologist for DD&A's contract with the ITSI Gilbane Company, providing biological support services for the cleanup of the inland ranges on the Former Fort Ord Army Base.

Her technical capabilities are as follows:

- Experience working closely with resource and regulatory agencies in permitting projects of varying size and complexity, including:
 - California Department of Fish and Wildlife (DFW)
 - U.S. Fish and Wildlife Service (Service)
 - National Marine Fisheries Service (NOAA Fisheries)
 - Army Corps of Engineers (ACOE)
 - California Department of Transportation
 - Regional Water Quality Control Board
 - Natural Resources Conservation Service
 - California Coastal Commission
- Proficiency with GPS/GIS technology including:
 - Data collection and creation using Trimble Pathfinder ProXR & ProXH GPS equipment
 - Data analysis using ESRI products (ArcMap, ArcCatalog, ArcGIS)
- Expertise in conducting biological surveys, including protocol-level surveys for special-status wildlife and plant species such as the California tiger salamander, California red-legged frog, Monterey dusky-footed woodrat, sand gilia, Monterey spineflower, Seaside bird's-beak, Yadon's piperia, and Congdon's tarplant.
- Experience preparing biological reports in accordance with CEQA and NEPA requirements and local, state, and federal policies and regulations, including the federal and state Endangered Species Act:
 - Biological Assessments (BA)
 - Natural Environment Studies (NES)
 - Initial Studies (IS)
 - Environmental Impact Reports (EIR)
 - Mitigation Monitoring and Restoration Plans (MMRP)
 - Wetland Delineations
 - Service and DFG Protocol-Level Survey Reports
- General and sensitive habitat identification and mapping, including wetland delineations per ACOE and Coastal Act criteria, and the design of habitat mitigation and restoration projects.
- Experience conducting biological trainings to inform construction crews and other project team members of the sensitive resources present within project sites and the protection measures afforded to them.

Jami Davis

Assistant Environmental Scientist / GIS Analyst

Biological and Wetland Assessment Project Experience:

- *Ferrini Ranch, Bollenbacker & Kelton, Inc.*
- *SPCA of Monterey County Facility Renovation Project, SPCA of Monterey County*
- *OU-1 Special Status Plant and Habitat Surveys at the Fort Ord Nature Reserve, Hydrogeologic, Inc.*
- *Fort Ord Wildlife Surveys, Shaw Environmental, Inc.*
- *Mazda Raceway/Laguna Seca Recreation Area Protocol-level CTS Surveys, Monterey County Department of Parks and Recreation*
- *Carmel Valley Class I Bicycle Trail Project, Monterey County Public Works*
- *Tahoe Donner Equestrian Center Wetland Delineation, GHH Engineering Inc.*
- *Hartnell Gulch Pedestrian Path Project, City of Monterey*
- *MST FJL Center – Monterey Salinas Transit*
- *Armstrong Ranch Annexation Project, Marina Coast Water District*
- *Monterey Peninsula Light Rail Transit Project; Parsons Corporation*
- *Laurel-Natividad Campus Biological Constraints Analysis, County of Monterey*
- *Haskell's Landing, City of Goleta, The Chadmar Group*
- *Eastside Parkway Project, Whitson Engineers*
- *California Central Coast Veterans Cemetery Project, Whitson Engineers*
- *Fort Ord Dunes State Park Campground Project, CA State Parks Department*
- *Palo Corona Regional Park Grassland Study, Monterey County Regional Parks*
- *Ventana Inn Geoflow Dispersal System Project, Lowe Enterprises Inc.*

Permitting and Condition Compliance Monitoring Projects:

- *Biological Services for the Fort Ord Inland Ranges Cleanup, ITSI Gilbane*
- *San Jerardo Water System Project, Monterey County Public Works*
- *Aptos Transmission Main Relocation Project, HDR, Inc.*
- *Big Sur Emergency Erosion Control Projects, Monterey County Public Works*
- *ALBA Triple M Ranch Restoration Project, Agriculture and Land Based Training Association*
- *Carmel Hill and River Class I Bicycle Trail Project, Whitson Engineers*
- *Thorne Road Bridge Replacement Project, Monterey County Public Works*
- *Hollister Highway 25 Bypass Project, Quincy Engineering*
- *Hartnell Gulch Pedestrian Path Project, City of Monterey*
- *Los Padres Dam Downstream Fish Passage Project, CalAm Water*
- *San Jose/Santa Clara Water Pollution Control Plant Project Monitoring, City of San Jose and Santa Clara Valley Water Pollution Control Plant*

Restoration Projects:

- *Coastal Conservancy Victorine Ranch Restoration, Coastal Conservancy*
- *Carmel Hill and River Class I Bicycle Trail Project, Whitson Engineers*
- *Garrett Driveway and Pond Restoration Project, Patricia Garrett*

ESA Section 10 Permits and Section 7 Consultation Projects:

- *Santa Lucia Preserve Habitat Conservation Plan, Rancho San Carlos Partnerships and the U.S. Fish and Wildlife Service*
- *Malcolm Property Project Habitat Conservation Plan, Denise Malcolm*

Water Resources Projects:

- *Coastal Water Project, CalAm Water*
- *Segunda Tank II, RBF Consulting*
- *Eastern Distribution System Project, Marina Coast Water District*
- *Ambler Oaks Tanks Project, RBF Consulting*
- *Paseo Privado Tanks Replacement Project, RBF Consulting*



Michael Gonzales

Assistant Environmental Planner

Education

Master of Urban Planning
(Planning Accreditation Board
Accredited), San Jose State
University, 2010

Bachelor of Science, Environmental
Studies with a Biological
Sciences Minor, San Jose State
University, 2007

Graduate Certificate of
Environmental Planning, San
Jose State University:
Department of Urban and
Regional Planning, 2008

Experience

Assistant Environmental Planner,
DD&A, 2010-Present

Management Specialist, City of
Palo Alto - Utility Marketing
Services and Resource Planning,
2009-2010

Water Use Efficiency Graduate
Intern, Santa Clara Valley Water
District, 2006-2010

Professional Affiliations

American Planning Association
Association of Environmental
Professionals
American Water Works Association

With seven years of experience working in the environmental field and a comprehensive planning education, Mr. Gonzales serves as a key member of DD&A's Planning Division. He holds five degrees/certificates from accredited higher institutions including a Planning Accreditation Board Accredited Master of Urban Planning Degree. His other degrees/certificates are in the fields of environmental planning, environmental studies (biology minor), business and computer information systems. His diverse work experience includes environmental impact assessment (CEQA/NEPA), land use planning, resource planning, entitlements and permit processing, air quality and greenhouse gas assessments, water and energy efficiency strategies, statistical analysis and modeling, report preparation, program and project management, public outreach and community organization, water/soil sampling, GPS data collection, and GIS analysis. In his third year at DD&A, Mr. Gonzales continues to demonstrate his technical skills, dedication, and knowledge, contributing substantially to the quality and efficiency of DD&A's key project deliverables.

His technical capabilities are as follows:

- The preparation of CEQA/NEPA documents, including Initial Studies, Environmental Impact Reports (EIR), Environmental Assessments (EA), and other environmental and regulatory deliverables.
- Produce technical reports/memos in the following issue areas:
 - Aesthetics (by preparing Visual Impact Assessments and photo simulations),
 - Agriculture and Forest Resources (including Williamson Act contract identification and solar land use easements),
 - Air Quality/Greenhouse Gas Emissions (including preparing GHG and pollutant emission modeling using URBEMIS2007, CalEEMod, and manual calculations),
 - Land Use/Planning (preparing land use/master/specific plan consistency analyses and reports), and
 - Other issues includes: Hydrology/Water Quality, Population/Housing, Public Services, Recreation, and Utilities/Service Systems.
- Facilitate collaborative cooperation amongst government agencies, the public, and technical/legal experts.
- Conduct public outreach through surveys, public notices, workshops, walking tours, seminars, providing opportunities for public input, and public meeting facilitation.
- Skilled with using statistical analysis and modeling to calculate projections, conduct cohort analysis, and linear/nonlinear regression analysis
- Lead projects which encompassed indoor and outdoor green building strategies/green business practices, technologies, and guidelines including energy conservation, water conservation, material lifecycles, waste management, and CO₂ impacts
- Expertise in computer information system software including:
 - Microsoft Office (Word, Excel, Access, PowerPoint, Publisher, Outlook)
 - Adobe Suite Software (InDesign, Illustrator, Photoshop, Acrobat)
 - ESRI Software (ArcMap, ArcCatalog, ArcGIS)
 - IBM Software (SPSS)
 - Computer Languages (HTML, BASIC)

Michael Gonzales

Assistant Environmental Planner

Residential/Community Projects:

- *8th Street & William Street Mixed Use Development IS/MND, City of San Jose*
- *Fig Garden Financial Center Phase IV DEIR, City of Fresno*
- *Flanders Mansion Divestment EIR, City of Carmel By-the-Sea*
- *Fort Ord Dunes State Park CEQA Services, California State Parks*
- *Fort Ord Reuse Authority HCP EIR, FORA*
- *Light Rail Project CEQA/NEPA, Transportation Agency for Monterey County*
- *Magee Ranches DEIR, Town of Danville*
- *Sanitary Sewer Line Improvements for the Almaden Expressway, Coleman Road & Husted-Richland Lines, City of San Jose*
- *Undergrounding Overhead Utilities Program IS/MND, Pebble Beach Community Services District*
- *Villas de Carmelo EIR, Monterey County Planning Department*

Water Related Projects:

- *County of San Mateo Wastewater Collection System Capital Improvement Project CEQA-plus IS/MND, County of San Mateo*
- *Ground Water Replenishment Monitoring Well IS/MND, Monterey Regional Water Pollution Control Agency*
- *Marina Coast Water District On-Call CEQA Services, MCWD*
- *Monterey Bay Desalination EIR Test Well Addendum, Monterey County Water Resources Agency*
- *Monterey Bay Regional Desalination Project, Marina Coast Water District, Environmental Assessment*
- *Monterey Peninsula Integrated Regional Water Management Plan, Monterey Peninsula Water Management District*
- *Montevina Water Treatment Plant Improvement Project IS/MND, San Jose Water Company*
- *Operations and Maintenance Manual for Santa Margarita Aquifer Storage and Recovery Well #1, California American Water Company*
- *Water Use Permit Acquisition, SPCA for Monterey County*

Land Use/Entitlements Projects:

- *AT&T at California State University Monterey Bay, Permitting and CEQA Services, California State University Monterey Bay*
- *Aurignac Ranch Subdivision, Aurignac/Cederquist Family*
- *California Flats Solar Project, Various Technical Reports Entailments/Permit Processing, Public Outreach, Element Power, LLC*
- *Echenique Ranch Subdivision, Aurignac/Cederquist Family*
- *Fort Ord SOL/Service Annexation, Marina Coast Water District*

Commercial:

- *AgroThrive IS/MND, Monterey County Health Department*
- *Corral de Tierra Village Entitlements/Applicant Representative, Phelps Family*
- *San Ysidro Initial Study/Focused EIR, City of Gilroy*

FRANK ONO

1213 Miles Avenue, Pacific Grove, CA 93950

H: (831) 373-7086 Cell: (831) 594-2291

Email: foconsulting@redshift.com

Major Qualifications:

City Forester for the City of Pacific Grove (Retired), experience in environmental studies, urban forestry, arboriculture, construction, landscape, irrigation and turf management, agriculture, expert witness.
Private Consulting –Urban forestry, arboriculture, plant health care, urban wild land interface, construction issues.

Education:

COLLEGE: Thomas Edison State College, Liberal Arts/Environmental Studies 2003 BA
Washington State University, non-matriculate 1995
San Jose State University, non-matriculate 1976
Hartnell College, 1975 AA
Fresno State University, non-matriculate 1971

HIGH SCHOOL: North Salinas High 1969

CONT. ED
(20 CEU/year): Entomology, Pesticide application, Forest Management, Tree/ Street Hardscape
Interface, Weed Management, Tree Hazard Assessment, Urban/wild land interface issues,
Project management

Licenses Certificates, Professional Memberships, Workshops:

Society of American Foresters member (SAF) #48004
International Society of Arboriculture (ISA)
Certified Arborist #536
Urban Forest Ecosystems Cal Poly San Luis Obispo
Conifer Management-County of Ventura
Pacific Northwest ISA Certified Tree risk Assessor #990
Department of Pesticide Regulation
Agricultural pest control advisor #7644
Department of Pesticide Regulation
Qualified applicator License # 38384
Department of Pesticide Regulation
Qualified applicator Certificate #45461
California State Contractor- C 27-Landscape-#327034 (inactive)

Work History

F.O. Consulting, Principal, Current
City of Pacific Grove, City Forester -18.5 years (1.5 years on contract position)
City of Monterey, park maintenance-2 years
Ono Landscape, Landscape Contractor State License #327034 - 10 years
State of California – 3 years
Salinas City School District- 3 years
Tanaka Nursery-Nurseryman-2 years
Far West Nursery- Nurseryman-2years
Sunrise Nursery- Nurseryman-5 years

Organizations and Interests

Monterey Pine Pitch Canker Task Force (Original committee)
Society of American Foresters- Professional Member 16 years
California Agricultural Pest Control Advisor- 15 years
American Society of Consulting Arborists- 6 years
International Society of Arboriculture- 20 years
Pesticide Applicators Professional Association- State Board Director-3 Years
Monterey Bay Chapter Surfrider Foundation - Past Chair
Monterey Dunes Natural History Association - Past President
Municipal Forester/Arborist Society – 18 years
Bay Net Environmental Docents – First graduating class
Martial Arts- 20+ years
Ocean Sports (Surfing, Sailing, Paddling, Etc.)

Brief Resume

Mary Doane
1306 Amesti Rd.
Watsonville, CA 95076
(831) 422-4912 office, (831) 596-7747 cell

Education:

Attended University of California, Berkeley, Cabrillo College, Aptos and San Jose State College, San Jose (1963-1969). Received a B.A. with honors, from San Jose State College (1969) Major: English, Minor: German.

Graduate work, History of Consciousness Program, University of California, Santa Cruz (1969-1970). Left program without advanced degree.

Returned to Cabrillo College for technical archaeology courses including Archaeology Field Survey, Excavation, Laboratory Procedures and Special Studies, including Mission Period Glass Trade Bead Analysis (1982-1986).

Archaeological Employment/Experience:

1987-1990 Archaeological Specialist (Seasonal) with the State of California, Department of Parks and Recreation. Assigned to Wilder Ranch State Park (1987-1989) and the Monterey Regional Office (1989-1990). Performed excavations and lab work at Wilder Ranch under direction of Lee Motz, State Archaeologist. Worked as Field Lab Director for Cabrillo College Summer Excavation at Wilder Ranch (1988) for Rob Edwards. Performed archaeological monitoring and reconnaissance in many park units throughout the Monterey Region, San Francisco Bay area to Santa Barbara Channel Coast under direction of Herb Dallas, Regional Archaeologist. Performed technical lab work, cleaning, sorting, identification, etc. at Wilder Ranch and in the Regional Office.

1990-present Archaeologist with Archaeological Consulting, Salinas. Began as a field crew member and lab technician. Assumed additional responsibilities as lab supervisor (1996) and field/office supervisor (1998). Perform all aspects of laboratory processing, including cleaning, sorting, identification, cataloguing and archiving. Perform routine field work, including excavation, reconnaissance and monitoring under the direction of the principals of the company, Gary S. Breschini, Ph.D., and Trudy Haversat, M.A. Complete necessary field and lab documents and co-author reports on reconnaissance, monitoring, mitigation, and minor excavations. Prepare proposals, organize field, lab and office work. Supervise field and lab crews, train as necessary.

During 1990's Additional field experience. Worked as field crew member for excavations at Wilder Ranch State Park (Biosystems Analysis) and Buena Vista Adobe (Roberta Greenwood Associates).

Bridge Projects: Caltrans Archaeological Survey Reports Completed

Monterey County

Larkin Street Bridge in City of Monterey (2003)
Crazy Horse Bridge over Gabilan Creek (2001, 2003)
Soledad Bridge over Arroyo Seco River (2000)
Lonoak Bridge over Lewis Creek (2000)
Skyline Bridge in City of Monterey (2000)
Gonzales River Road Bridge over Salinas River (1999)
Elm Avenue Bridge over Salinas River (1999)
Elm Avenue Bridge over Arroyo Seco River (1999)
Reliz Canyon Bridge over Reliz Creek (1999)
Lonoak Road Bridge over San Lorenzo Creek (1999)
Griffin Road Bridge over Lewis Creek (1999)
North Fork Road Bridge over Lewis Creek (1999)

Santa Cruz County

San Lorenzo River Pedestrian Bridge (2003)
Market Street Bridge over Branciforte Creek (2001, 2003)
Water Street Bridge over Branciforte Creek (2001, 2003)
Murray Street Bridge over Yacht Harbor (2002)
East Cliff Drive Bridge in City of Santa Cruz (2000)

San Benito County

San Juan Highway Bridges #43-0024 and #43-0025 (2000)

ILLINGWORTH & RODKIN, INC.
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MICHAEL S. THILL

Mr. Thill is a senior consultant with 15 years of professional experience in the field of environmental acoustics. His expertise includes performing field research, analyzing data, and noise modeling. He has conducted numerous field surveys in a variety of acoustical environments to quantify airborne noise levels, groundborne vibration levels, and hydro-acoustic noise levels. He has also participated in DOT studies of pavement noise in California and Arizona. He has analyzed and summarized complex sets of data for inclusion into noise models. Mr. Thill has been trained in the use of FHWA's traffic noise prediction model (TNM), and is familiar with the procedures for preparing highway noise impact studies presented in Caltran's *Traffic Noise Analysis Protocol* and the *Technical Noise Supplement* (TENS).

Mr. Thill has authored technical noise reports for various land use proposals including residential, commercial, educational, and industrial developments, and has managed the noise assessments for a number of large projects including most recently, the US 101 and SR 85 Express Lanes projects for the Santa Clara County Valley Transit Authority. He has managed the General Plan Update noise studies for several communities in the Bay Area including the Cities of San Jose, Fremont, Walnut Creek, and Santa Barbara. Mr. Thill has also led traffic noise investigations for major transportation projects including the Route 4 Bypass project and the I-680/Route 4 Interchange project in Contra Costa County, California and arterial roadway widening projects in the communities of San Jose, Oakley, and Stockton.

PROFESSIONAL EXPERIENCE

2009 - Present Principal	Illingworth & Rodkin, Inc. Petaluma, California
2005 - 2009 Senior Consultant	Illingworth & Rodkin, Inc. Petaluma, California
1998 - 2005 Staff Consultant	Illingworth & Rodkin, Inc. Petaluma, California

EDUCATION

1998	University of California at Santa Barbara B.S., Major: Environmental Science
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PROFESSIONAL SOCIETIES

Institute of Noise Control Engineering
Association of Environmental Professionals



Education

B.S. Civil Engineering, San
Jose State University, San
Jose, CA, 1999

Registration

TE - CA
No. 2429, 2007

Years in Practice - 13

Memberships

Institute of Transportation
Engineers
Chi Epsilon
Tau Beta Pi

Experience Summary

Mr. Waller has over 13 years of experience in preparing traffic impact analyses and pedestrian and bicycle circulation studies across the greater Monterey Bay Area and San Luis Obispo and Santa Clara Counties. These studies cover a wide range of project types, including residential and mixed-use developments, shopping centers, corridor studies, project study reports, general plan updates, and peer reviews. Many of these analyses were components of environmental impact reports or other environmental reviews. As part of these studies, Mr. Waller has performed full traffic signal warrant evaluations, developed customized project trip generation estimates, evaluated pedestrian and bicycle circulation and safety, and performed parking supply and demand studies. Mr. Waller is experienced in various traffic analysis software packages, including Synchro and HCS.

Selected Project Experience

Industrial Parks, Business Parks, and Miscellaneous Industrial Facilities

Golden Hill Business Park Expansion, Paso Robles, CA

Project Manager. The project was a proposed new business park and re-subdivision of an existing business park in northern Paso Robles, California. Level of service analysis was performed of multiple intersections near the project site. Also addressed were a future secondary access to the study area and the potential for a freeway or expressway upgrade along nearby State Route 46.

Airport Road Business Park, Paso Robles, CA

Project Manager. Traffic impact analysis for a proposed new business park in northeastern Paso Robles, California. Level of service analysis was performed at key intersections near the project site. Also addressed were the close proximity of an access to an adjacent youth correctional facility and the potential for a freeway or expressway upgrade along nearby State Route 46.

Rava Business Park, King City, CA

Project Manager. Traffic impact analysis for the partial re-use of a former food processing plant as a industrial park building. Analysis involved evaluation of project impacts to surrounding city intersections and identification of necessary improvements. Project also involved negotiations with the California Public Utilities Commission regarding the minimization of vehicle queuing across existing Union Pacific railroad tracks located within a quarter-mile of the project site. These negotiations led to the design and implementation of signing improvements to a city intersection adjacent to the railroad tracks.

San Ardo Produced Water Management Project, Monterey County, CA

Project Manager. Traffic impact analysis for the implementation of a water management facility at an oil field in southern Monterey County. Analysis involved evaluation of project impacts to surrounding county roadway and state highway system, including pavement impacts. The latter evaluation included both calculation of Traffic Index values for the roadways traveled by the project and the use of truck turning templates to determine extent of pavement off-tracking by the tanker trucks that would haul the additional crude oil produced with implementation of the project.

Public Facilities

Santa Cruz County Center for Public Safety, Santa Cruz County, CA

Project Manager. Prepared a trip generation and parking demand analysis for a proposed relocation and consolidation of Santa Cruz County Sheriff's Office facilities into an existing business park in Santa Cruz County, California. Both the trip generation and parking demand estimates for the project were customized to reflect the proposed staffing and visitor activities of the site, as well as traffic generated by officers leaving and returning from patrols. The parking demand estimates were broken down by hour of an average weekday, and also subdivided between the proposed restricted and public parking areas of the site. The estimated project trip generation was compared to the previous trip generation estimate for the former business park use, and the parking demand of the restricted and public parking areas were compared to the proposed parking supply in each area.

Santa Cruz Warriors Arena Traffic Analysis, Santa Cruz, CA

Project Manager. Prepared a preliminary traffic analysis for a temporary sports arena for a professional basketball developmental franchise in Santa Cruz, California. The traffic analysis evaluated if game day traffic would substantially challenge the city's existing roadway, pedestrian, and bicycle networks, focusing on major intersections near the site and surrounding the city's downtown and beach areas that would be traversed by attendees of the games. Both the 2,900-seat and 4,000-seat configurations were analyzed, during the hours immediately before and after a typical weekday game. The project trip assignment was customized to reflect a broad area of potential parking destinations in the greater downtown and beach areas. Pedestrian and bicycle networks near the site were reviewed to determine if they can accommodate the anticipated traffic before and after games and events. Other topics included the closure of a local street directly in front of the project site, consideration of extending existing parking restrictions within neighborhoods near the arena site, and the potential use of attendee shuttles to allow attendees to use existing public parking structures at the northern end of downtown and private surface parking in the beach area.

Interchange and other Roadway Infrastructure Studies**US 101/Gloria Road PSR, Gonzales, CA**

Project Manager. Traffic analysis for a proposed interchange reconfiguration in Gonzales. This analysis included multiple project phases, model forecasting for future traffic volumes, and recommended intersection traffic controls and lane configurations.

Artichoke Avenue Improvements (Phase 1), Castroville, Monterey County, CA

Project Manager. This project involved the partial grade separation of an existing at-grade intersection of two state highways. Services provided by HMM included the preparation of a traffic analysis with the accompanying traffic forecasts and an evaluation of project alternatives. Preparation of traffic signal plans (including cost estimates) and review of signing and striping plans was also provided.

State Route 1/Dolan Road Feasibility Study, Moss Landing, Monterey County, CA

Project Manager. Feasibility study to identify potential improvement alternatives to improve safety and traffic operations at an existing at-grade intersection with right-of-way constraints. Services provided by HMM included identification of potential improvements, operational evaluation of said improvements, collision history analysis, relative ranking of potential improvements, and conceptual designs and construction cost estimates of County preferred improvements. An environmental assessment of existing conditions and an initial study of the preferred improvements were also prepared.

State Route 46 / Union Road PSR, Paso Robles, CA

Traffic Analyst. As part of a larger intersection improvement study, evaluated traffic operations for various intersection and interchange alternatives at an existing at-grade intersection in northeastern Paso Robles, as well as the operational effects of said improvements upon adjacent intersections.

Commercial/Retail Developments**Soledad Plaza EIR, Soledad, CA**

Project Manager. This traffic impact analysis was performed for a 400,000 square-foot shopping center in northern Soledad. A total of 13 intersections (including seven future intersections) and two road segments were analyzed as part of this study. Key aspects of this study included 1) analysis and preliminary design of a potential roundabout at one entrance to the project site; 2) traffic operations at the State Route 101 / Front Street interchange; and 3) the effects of the proposed reconstruction of said interchange on both traffic operations and site layout. Conceptual designs of major arterial and interchange modifications were also provided.

Soledad Mission Shopping Center, Soledad, CA

Traffic Analyst. This project involved analysis of a 143,000 square-foot shopping center in southern Soledad, California. Mr. Waller performed the traffic analysis for this project, which included over a half-dozen intersections and one interchange in the vicinity of the project site. An important component of this project was the incorporation of a new city roadway near the project site into the analysis, that would affect both overall traffic volumes and project trip assignment. Analysis with and without this roadway was incorporated into the report. Designs of all recommended signalization and lane improvements were later developed for the project.

Pismo Medical Campus, Pismo Beach, CA

Project Manager. This project analyzed the traffic impacts of a development encompassing medical and professional office space, a youth center, and retail space. The analysis included two arterial corridors and one freeway interchange on the border of Pismo Beach and Arroyo Grande. Project access was also analyzed for this development with unique topographical constraints.

Tannery Arts Center, Santa Cruz, CA

Project Manager. Traffic impact analysis for a proposed visual and performing arts facility at the site of a former tannery. Project composed of 100 live/work units and 55,000 square feet of art studio space (reserved solely for local artists), three performing arts venues seating 75, 150, and 250 people, an arts and education center (including office space and a cable access studio), and 12,500 square feet of art-centric retail. A second phase involved the establishment of a regional park-and-ride facility within an expanded parking area. Trip generation for the study project was customized to reflect the unique nature of the proposed land uses and their utilization during the normal adjacent street peak periods.

Transit**First Street Corridor Master Plan and Multi-Modal Transit Station Strategic Plan, King City, CA**

Project Manager. Oversaw and assisted in the preparation of a Multimodal Transportation Center Development Strategy report, which identified the necessary steps to re-establish train service in King City, including important contacts and key challenges. The report addressed the need for closure of one existing rail crossing required to construct the new station platform, as well as consequences associated with establishing a new at-grade crossing proposed within a recent Specific Plan. Funding opportunities for the station and associated infrastructure were discussed. Key community stakeholders were interviewed regarding their needs and opinions on the new station, and their comments were summarized in the document. Finally, the relationship of the station and associated infrastructure to nearby Fort Hunter-Liggett was explored, including providing for soldier travel and deployment needs.

Monterey-Salinas Transit Frank J. Lichtanski Monterey Bay Operations Center, Monterey County, CA

Project Manager. This traffic analysis was performed for the proposed new consolidated bus maintenance and operations facility, to be located within the proposed Whispering Oaks Business Park on the former Fort Ord Army Base. This study included analysis of project access, internal circulations and off-site impacts for both the transit facility and the business park as a whole. Freeway and intersection operations were evaluated across five different state and local jurisdictions. Customized trip generation, distribution, and assignments were developed for the project. A key component of this analysis was a revised roadway network surrounding the project site under cumulative conditions.

Facilities Consolidation Project, Santa Cruz Metropolitan Transit District, Santa Cruz, CA

Project Manager. A traffic impact analysis was performed for the consolidation of nine separate transit facilities onto a three adjacent sites in northern Santa Cruz, California. The study included a review of project access, internal circulation and off-site traffic impacts.

Bellinger Foster Steinmetz

425 Pacific Street, Suite 201
Monterey, CA 93940
831.646.1383 phone
831.373.8653 fax

Bellinger Foster Steinmetz has been in business for over 19 years and has provided quality service to public and private agencies throughout California. Representative projects range from regional parks and open space master plans to detailed design for universities, colleges, schools, neighborhood parks, urban streetscapes, and community facilities.

Our work reflects our attentiveness to community needs as well as environmental design issues. We strive to balance function, need, aesthetics, and enhancement of a community's inherent character. As project managers, the firm provides timely service, respecting clients' overall project budget, schedule, design, and planning goals. BFS Principals and Associates are all licensed to practice in the State of California and four staff members are LEED accredited professionals.

We recognize that communication is key to the success of any project. Our professional skills are supplemented with a broad range of digital communication tools, including CAD, 3-D modeling, GIS mapping and analysis, photo simulation, and desktop publishing software so we can provide our clients with state-of-the-art communication products.

Larry Foster, Project Principal

With over 30 years of professional experience, Larry is an invaluable asset to project teams, with design, technical and management skills useful in meeting client goals, project budgets, and tight construction schedules. Critical path project planning and consultant coordination are key aspects to his involvement. Larry has extensive experience in maintenance implementation aspects of landscapes.

Education

B.S., Agriculture, Major in Landscape Architecture
Purdue University, West Lafayette, Indiana, 1981

Registration

Licensed Landscape Architect
State of California #2683

Relevant Project Experience

CHOMP Expansion & Hwy 68 Widening, Monterey – BFS worked with Community Hospital of the Monterey Peninsula (CHOMP) in collaboration with Pebble Beach Company, City of Monterey, TAMC and Caltrans to assess the proposed roadway improvement impacts to the scenic corridor beginning in 2003. Sketches and photo simulations prepared for CHOMP and shared with the City and Pebble Beach Company illustrated options to mitigate the impacts of widening. Other experience along the Highway 68 corridor includes coordinating all agency permitting associated with the CHOMP expansion (2000–2007), including the City of Monterey and the California Coastal Commission. BFS facilitated site visits with agency staff to address visual impacts to the scenic corridor and biotic impacts to the Monterey pine urban forest.

CHOMP Pavilions Project – To mitigate forest impacts of a large expansion project, a site development plan was prepared that features significant landscape efforts. Sixty-eight existing oak trees were boxed and replanted. Seeds were collected from native pines on the site and then propagated to re-vegetate the forest where it had been disturbed. The soils were stockpiled and reconstructed for a biotically correct hillside construction. Trees that had to be removed were chipped for mulch for the new plantings.

Carmel Valley Ranch Landscape Improvements, Carmel – Provided landscape and irrigation renovations to 140 units, courtyard, pool area, lodge entry and parking lot to meet local water district standards in order to obtain water credits.

Graniterock Building Materials Yard, Seaside – To expand the wholesale/retail building materials facility, Graniterock was required to enhance the perimeter and screen stockpiled products. Bellinger Foster Steinmetz concepts contrasted rough construction materials with finished building products to produce a contemporary streetscape character. Bellinger Foster Steinmetz prepared presentation materials, obtained design review approvals and completed construction plans for implementation.

Highway 1 Widening, Carmel – In response to local community demand, the Transportation Agency for Monterey County facilitated the widening of Highway One for shoulder and lane improvements. Bellinger Foster Steinmetz worked with the project civil, environmental planners and Caltrans staff to establish acceptable mitigation planting solutions. With concurrence on the preferred solution, Bellinger Foster Steinmetz completed improvement plans to Caltrans Standards. Project construction completed Spring 2002.

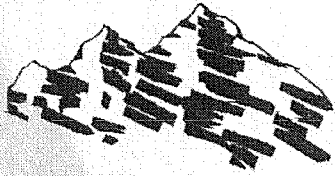
Highway 68 Widening, Monterey County – The City of Monterey is implementing turn lane improvements on Highway 68 at Ryan Ranch Business Park. As part of the design team, Bellinger Foster Steinmetz prepared planting, irrigation and offsite signage improvement plans to Caltrans Standards.

Imjin Office Campus, Monterey, CA – Four public and non-profit organizations created a partnership to develop a business campus on the former Fort Ord property. While distinct parcels, Bellinger Foster Steinmetz worked with architect to create a site plan that creates a central public space for the four building complex. Site design maximizes native grasses in a low water-use landscape; site landscape bioswales captures 80% site storm water for recharge.

Peninsula Wellness Center, Marina – Bellinger Foster Steinmetz assisted the Community Hospital of the Monterey Peninsula with a major expansion on a LEED-anticipated 9.5-acre remote campus to be built across three phases. The program includes 112,000 square feet of medical office space, outpatient and cardio rehab facilities. Site design by Bellinger Foster Steinmetz includes 400 parking spaces across three areas planned to fit with the natural contours of the site, zero-runoff stormwater management through bioswales and filter strips, and grading to preserve mature stands of oak, cypress and pine

Watsonville Wastewater Treatment Offices, Watsonville – Bellinger Foster Steinmetz was in charge of site plan, storm water garden, design and detailing which included LEED® principles for pending Platinum certification for the administrative offices and meetings rooms. In addition to serving the maintenance yard and office staff, the entry and parking accommodates school buses and visitors.

PACIFIC CREST ENGINEERING, INC.



444 Airport Blvd, Suite 106

Watsonville, CA 95076

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Pacific Crest Engineering Inc. (PCE) is strongly committed to providing exceptional quality and service to our clients. Based in Watsonville, Pacific Crest Engineering is a local firm providing full service geotechnical and environmental engineering consulting services to the public and private sectors of the Monterey Bay area. We are also a Certified Small Business with the State of California (#47199).

Our work includes several large-scale geotechnical design and grading projects, ranging from new high schools to water works projects, major infrastructure improvements and multi-story developments. Geotechnical and environmental services provided include the following:

Geotechnical and Geologic Investigations	Special Inspection - Soils, Asphalt & Concrete
Coastal Engineering Investigations	Laboratory Services
Slope Stability Studies	Forensic Engineering
Percolation Testing	Phase 1 Environmental Site Assessments
SWPPP & Erosion/Sediment Control Monitoring	Groundwater Sampling and Monitoring
Construction Phase Observation and Testing Services	Soil and Groundwater Remediation

Our professional staff includes California registered geotechnical engineers, civil engineers and geologists with up to 28 years of experience within the local area. We are very responsive to the needs of our clients and are particularly committed to working closely with the design team, lead jurisdictional agencies and the contractor during all phases of our projects, especially the critical construction phase. Pacific Crest Engineering combines the highest standards in technical investigation with timeliness and cost effective project management to provide services tailored to the specific needs of each client. Our interaction with the many tiers of personnel contributing to the success of our projects has been positive and productive. We are a firm dedicated to high-quality work, professionalism and our reputation for technical excellence.

Our field inspectors are highly experienced and consistently demonstrate sound technical knowledge and experience with engineering solutions, challenging soil conditions, and construction practices in relation to earthwork, policies, project plans and specifications. All of our technicians are certified by the following recognized state and national agencies:

NICET Geotechnical Engineering Technology, Levels I and II
ICC Soils Special Inspector
CAL-TRANS #IA 088, Soils, Asphalt and Concrete
ACI Concrete Field Testing Technician - Grade I

Our Watsonville facility includes a fully equipped, AASHTO Accredited Laboratory where we perform a variety of geotechnical testing, including compaction curves, Atterberg limit tests, gradation tests (including hydrometer), unconfined compression tests, etc. Our laboratory is also currently certified by CAL-TRANS and the Division of the State Architect (DSA) for soils compaction testing and concrete field sampling work (LEA #270).



PCEI Geotechnical Group

Elizabeth M. Mitchell is the President of PCEI and Principal Geotechnical Engineer for the firm. Mrs. Mitchell is a Registered Geotechnical Engineer and a Registered Civil Engineer with 23 years of experience in the field of Geotechnical Engineering. She has a Bachelor of Science Degree in Industrial Engineering from Cal Poly, San Luis Obispo and a Master of Science degree in Civil Engineering from San Jose State University. Her experience includes project management and technical field direction for several large scale public works, commercial and residential projects in the Monterey, Santa Cruz and San Benito County areas. Mrs. Mitchell is a certified QSP and QSD, and holds Grade 2 certifications in both water distribution and water treatment

Michael D. Kleames is our Associate Geotechnical Engineer. Mr. Kleames founded PCEI in 2001, and has been a practicing geotechnical and environmental consultant within the Monterey Bay area for over 26 years. He has a Bachelor of Science degree in Civil Engineering from Cal Poly, San Luis Obispo and a Master of Science degree in Civil Engineering from San Jose State University. He is a Registered Geotechnical Engineer and a Registered Civil Engineer. Mr. Kleames is also a Registered Environmental Assessor II within the State of California.

Insurance

Pacific Crest Engineering Inc. has professional liability insurance in the amounts of \$1 Million per occurrence, and \$2 Million aggregate. We also maintain general liability insurance in the amounts of \$2 Million per occurrence and \$4 Million aggregate, and Workers Compensation Insurance as required by State law. Insurance certificates can be provided upon request.

Relevant Project Experience

General Jim Moore Boulevard Improvements, Marina, California

Geotechnical Investigation for the widening and realignment of General Jim Moore Boulevard and the improvement and widening of Eucalyptus Road. PCEI has also provided the geotechnical observation and testing services for all phases of construction of General Jim Moore Blvd & Eucalyptus Road.

Community Hospital of the Monterey Peninsula, Marina, California

Geotechnical Engineer of Record for CHOMP's new medical facility in Marina. Pacific Crest Engineering performed a geotechnical investigation, percolation testing and provided geotechnical observation and testing services during the construction phase.

Biomedical Services Facility – University of California, Santa Cruz, California

Geotechnical Engineer of Record for a 100,000 square foot, 4-story research facility with a basement level extending 20 feet below grade. Extensive geotechnical and geologic studies were performed by our firm for the design phase, followed by continuous observation and testing services during the construction phase.

State Highway One Auxiliary Lanes Project, Santa Cruz, California

PCEI's special inspection services have included sampling & testing of concrete & masonry structures, inspection, sampling & testing of earthwork operations, inspection, sampling & testing of hot mix asphalt, geotechnical review of design documents, field observation of grading operations, and Cal-Trans assurance testing.





HOWARD CARTER ASSOCIATES, INC. STRUCTURAL ENGINEERS

9600 Blue Larkspur Lane, Monterey, CA 93940, (831) 373-3119, FAX (831) 373-5872

Website: www.howardcarterassociates.com Email: hca93940@redshift.com

Legal Status: California Corporation, Federal ID # 94-2229415
Duns #102115557
Small Business, Woman Owned (WBE)
Year Established: 1955, Incorporated: 1972

Officers: Csilla M. Foss, President, SE3537
(New Projects Coordinator)
831.373.3119 x 224
Email: cfoss@redshift.com

Joseph P. Mako, Director, SE 1487
831.373.3119
Email: hca93940@redshift.com

Company Profile:

HOWARD CARTER Associates was established in Monterey in 1955 and has provided over 55 years of quality Structural Engineering services to the Monterey Peninsula and Central Coast areas.

We have completed thousands of projects in Northern and Southern California, Arizona, Washington and the East Coast. Our staff includes Registered Structural Engineers, Registered Civil Engineers, and LEED accredited professionals - each with knowledge and experience to design and manage large and complex projects. Each of our Engineers use and are experienced in CADD.

We keep abreast of new design, materials, and construction techniques, and use them when applicable. Because we have an understanding of both Architecture and Engineering, we are able to advise our clients early in the preliminary stages on how to attain the desired results with the most economical and effective Structural System.

HOWARD CARTER Associates has extensive experience in the evaluation, repair, seismic upgrade, and design of all types of buildings. We are familiar with current design and repair technologies as required for each unique application.

HOWARD CARTER Associates, Inc., has an excellent performance record with government agencies and private industry in terms of quality of work provided for bid documents, cost control, and compliance with performance schedules. The firm recognizes the importance of completing projects to meet the client's objectives. We have developed a comprehensive staff utilization program to track current project stages of completion and monitor staff commitments. This is done on a weekly basis. Prior to committing staff to upcoming projects, management reviews staffing commitments to verify availability of individuals for the anticipated time frame.

We have gained the confidence and cooperation of the Contractors and Inspectors during the construction phase of projects by being organized, giving prompt response to field problems, and quick and reasonable resolutions to field situations unique to each project.

Because of our Coastal California location in Monterey and our many years here, we have become acutely familiar with the Coastal Zoning, Environmental and Government building and Land Use requirements, and understanding the unique nature of projects on the Monterey Peninsula. We are sensitive to these issues and are able to respond effectively to the unique challenges of the coastal environment.

Recent and Current Related Projects Attached Key Personnel Worked on:

- J. Lohr Vineyards Corporation, Tilt Up Retrofit, TI, Tank Foundations & Equipment Support , Greenfield, CA.
Reference: Jerry Lohr, J Lohr Vineyards & Wines (408)-288-5057
- Asilomar Conference Grounds, Crocker Dining Hall Remodel, Pacific Grove CA.
Reference: David Aqualina, Landplan Co. (707)-738-3401
- Carmel Valley Athletic Club Fitness & Clubhouse Building, Carmel, CA
Reference: Paul W. Davis, Paul Davis Partnership Architects (831)-373-2784
- Carmel Woods Tank Retaining Walls, Carmel, CA
Reference: J. Aman Gonzalez , California American Water Company (831)-646-3230
- Crossroads Shopping Center Expansion & Remodel, Carmel CA.
Reference: Ken Turgen, WRD Architects (831)-649-4642
- Fort Ord Military Housing Renovations, Fort Ord CA.
Reference: Alan Brandt, Clark Builders (831)-583-2726
- Greenfield Civic Center, City Hall, Police Department, Greenfield CA.
Reference: Paul W. Davis, Paul Davis Partnership Architects (831)-373-2784
- Hotel Abrego, Monterey, CA
Reference: Tracy Call (831)-595-1193
- Imjin Office Park, includes Carpenter's Union Building, Marina Coast Water District Building, Marina, CA.
- La Gloria Senior Housing Project for CHISPA
Reference: Paul Tran (831)-757-6251
- La Mesa Wellness & Cultural Center, Monterey CA.
Reference: Michael Holk, Clark Pinnacle LLC (831)-583-2730
- Saint Patrick's Church, Watsonville CA
- Sherwood Village: Senior Housing Community for CHISPA, Salinas CA.
Reference: Paul E. Davis, Paul Davis Partnership Architects (831)-373-2784
- Tehama Golf Clubhouse, Carmel CA.

Qualifications of Key Personnel:

**Csilla M. Foss, President
Structural Engineer, SE3537**

Job Description: Operations Manager, preparation of calculations, plans and specifications, project management and supervision, Building evaluations, repairs, retrofits, inspections and reports.

Experience with Firm: 30 years, other firms 1

Education: BS 1983 Architectural Engineering, graduated with honors
California Polytechnic State University, San Luis Obispo

Active Registration: 1986 Civil Engineer
1991 Structural Engineer State of California
1993 Structural Engineer State of Arizona

Experience and Qualifications: Educated in one of the top Architectural Engineering programs in the United States. Experienced in commercial, residential, industrial, government, plan checking, agricultural, school and hospital building design. Skilled expert witness. Rehabilitation and seismic retrofit of existing structures. Extensive experience in design using many materials of construction such as concrete, masonry, steel, wood, prefab elements, etc. Familiarity with local and governmental codes (DSA, OSHPD, Military), and plan review requirements and processes.

Memberships: Structural Engineers Association of Northern California
International Conference of Building Officials
National Society of Professional Engineers
Monterey Bay Chapter AIA
American Concrete Institute ACI

Cesar V. Garcia
Civil Engineer, PE 69324

Job Description: Project Engineer: Preparation of structural calculations, plans and specifications, project management, Job inspections and reports.

Experience with firm: 11 years

Education: BS 2001, Architectural Engineering
California Polytechnic State University, San Luis Obispo

Active Registration: 2005 Civil Engineer

Experience and Qualifications: Educated in one of the top Architectural Engineering programs in the United States. Experience in commercial, industrial, residential structures; prefabricated metal building foundation design, concrete, concrete tilt-up, timber, concrete block, steel; structural and seismic upgrade of existing structures; pier and grade beam foundations; retaining structures; tank and industrial structures and foundations; field inspections and reports.

Memberships: Structural Engineers Association of Northern California

Brian L. Nichols
Civil Engineer, PE 72963

Job Description: Project Engineer: Preparation of structural calculations, plans and specifications, project management, Job inspections and reports..

Experience with firm: 6 years; plus 5 years with other firms

Education: BS 2001, Civil Engineering
University of the Pacific

Active Registration: 2008 Civil Engineer

Experience and Qualifications: Experience in commercial, industrial, residential structures; prefabricated metal building foundations, concrete, concrete tilt-up, timber, concrete block, steel; structural and seismic upgrade of existing structures; retaining structures; tank and industrial structures and foundations; field inspections and reports.

William M. Estes, P.E.

Principal

Summary of Qualifications

Over 30 years experience as a Mechanical Engineer, 27 years with **AXIOM ENGINEERSSM**. Extensive experience in process systems, HVAC design, energy computer simulations and analysis, plumbing, process piping, fire protection, refrigeration, water conservation, mechanical systems design, engineering economics, and project management in commercial, institutional and industrial facilities. Key strengths: in-depth knowledge of engineering fundamentals, organization, construction practices, and communication & coordination with all disciplines throughout design and construction. As Manager of projects, selects project technical approach, coordinates system configurations, and coordinates with clients and engineering staff. Reviews drawings for applicability to the requirements for the clients, and provides input in design through construction.

Certifications

Registered Mechanical Engineer California, M24908	1987
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Experience

AXIOM ENGINEERS SM , Department Manager	2000 - present
AXIOM ENGINEERS SM , Senior Mechanical Engineer	1991 - 1999
Lee & Associates, Mechanical Engineer	1985 - 1991
Sandia National Laboratories, Facilities Engineer	1982 - 1985

Education

University of New Mexico Graduate Studies, Albuquerque, New Mexico	1982 - 1984
B.S., Environmental Engineering, California Polytechnic State University, San Luis Obispo	
Concentration on Heating, Ventilation and Air Conditioning	1977 - 1981

As **Manager** of the mechanical systems, oversees numerous projects, coordinates system configurations, and coordinates with clients and engineering staff.

Reviews drawings for applicability to the requirements of the clients and provides input in design and through construction.

Significant **overview** of office building design, municipal project design, and recreational buildings.

Selected Achievements

Municipal Projects: Numerous County of Monterey projects including a new Health Department building, Sheriff's Department Building, Detention Facility projects as well as offices for County departments and various City agencies. Recent projects in the City of Monterey include City Natatorium as well as Federal Government facilities managed and operated by the City of Monterey at the Defense Language Institute.

Monterey Regional Waste Management District: HVAC, plumbing and Fire Protection for the facility buildings including the landfill gas building and waste heat recovery system, site distribution of heating hot water from engines, and heating and ventilation systems for warehouses, shops and material recovery pick lines and misting system and ventilation system for tipping floor.

R. Scott Stroshane, P.E., LEED A.P.

Project Engineer

Summary of Qualifications

Scott has over seventeen years' experience designing mechanical systems for challenging applications. He has been responsible for the design of HVAC, controls, plumbing and fire protection systems for projects in the educational, commercial, health care, laboratory and industrial markets. He has extensive experience modeling building energy usage for energy code compliance, LEED® certification and to evaluate energy efficiency measures. He has been involved with the design and certification of many LEED projects.

Certifications

Licensed Mechanical Engineer in eight states	Since 2000
LEED Accredited Professional	2004

Experience

Axiom Engineers, Monterey, CA – Mechanical Engineer/Project Manager	2006 - present
Peter Basso Associates, Troy, MI– Mechanical Engineer/Project Manager	5 years
Albert Kahn Associates, Detroit, MI – Mechanical Engineer	5 years

Education

B.S., Architectural Engineering	Kansas State University, Manhattan, Kansas	1995
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Selected Achievements

Combined Support and Maintenance Services – Dynamometer, Lansing, MI. Design of engine and transmission testing facility for new National Guard maintenance facility. Systems included engine exhaust system, cooling water system, carbon monoxide monitoring system and non-water based fire suppression system.

Hartnell College Science Center, Salinas, CA. Design HVAC, plumbing, laboratory ventilation and laboratory plumbing for 50,000 sf science classroom building. Building includes new chemistry, biology, geology, physics and astronomy classrooms.

Hartnell College Technical Training Building, Salinas, CA. Designed hydrocarbon monitoring and alarm system for mechanics' training facility servicing diesel, gasoline, natural gas and alternative fuel vehicles.

Fremont Fire Station 11, Fremont, CA. Prepared LEED supporting documentation for the general contractor for new LEED NC Gold fire station.

Fremont Unified School District – Maintenance Facility, Fremont, CA. Designed new HVAC system for facility servicing diesel, gasoline and natural gas fuelled vehicles.

L'Anse Creuse Schools – Bus Garage, Clarkston, MI. Design of new bus wash facility including the use of a reclaimed water system.

Mario Perez, C.I.P.E.

Project Manager / Designer

Summary of Qualifications

Over 27 years' experience as a drafter/designer in plumbing and HVAC, including 15 years with AXIOM ENGINEERSSM. His extensive experience includes preliminary/design development of construction documents, drawing coordination, cost estimating, specification writing, and construction administration. Mario has designed multi-family residential projects, commercial office buildings, libraries, schools, wineries, churches and hospitals, and performed Title 24 calculations for energy efficiency for various commercial and residential projects.

Certifications

Certification in Plumbing Engineering (CIPE), American Society of Plumbing Engineers (ASPE)	2004
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Experience

AXIOM ENGINEERS SM , Project Designer, Production Department Manager, Drafter	1998-Present
Mechanical Draftsperson for consulting mechanical engineering firm	1986-1998

Education

Hartnell College, Salinas, California	1986
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Selected Achievements

Municipal

Designed numerous County of Monterey projects including Detention Facility projects, as well as office for County departments and various City agencies. Served as project manager for recent projects in Monterey County that include:

Mounty County ADF toilet/shower renovations, Mens and Women's pods. Replacement of existing plumbing fixtures and existing piping, sewer and water, in several "pods" in the men's and women's sections of the Adult Detention Facility.

Remodels

SVMH San Jose Street Mammography Center. Project manager. Project consisted of the remodel of an existing structure. Remodel included new office areas, new patient rooms, and new conference areas.

307 Main Street First National Bank. Project manager. Project consisted of the remodel of an existing structure. Remodel included new temporary and permanent office spaces for First National Bank.

Sunflower Gardens, Interim, Inc., Salinas, California. Project manager. Project consisted of designing new HVAC and plumbing systems for 2-story administration building and 2-story low income housing units.



AURUM CONSULTING ENGINEERS MONTEREY BAY, INC.

COMPANY PROFILE

Since Aurum Consulting Engineers Monterey Bay, Inc.'s inception in 1998 our focus has been on setting higher standards for electrical engineering design quality and service throughout Northern and Central California. Our comprehensive electrical engineering capabilities include the design of lighting, power distribution, fire alarm, life safety and data/communication systems.

ENGINEERING EXCELLENCE

Aurum Consulting Engineers is led by a core team of eight electrical project managers with over 100 years of combined electrical engineering experience. We offer a broad spectrum of expertise in design and construction. Our design expertise includes Medical, Commercial, Educational, High Technology, Industrial, Residential, Recreational and Agricultural Facilities. We can offer support from conceptual design through post construction phases of a project, and are equally comfortable teaming with other consultants or taking the lead.

INVOLVEMENT

One of our core project managers is always personally involved in the engineering of every project from beginning to end. The Project Manager is responsible for coordination, design documents, specifications, cost estimates and completion of design on schedule. We believe that this personal involvement is as critical as our extensive engineering expertise in meeting our client's requirements. Our team has an unparalleled ability to coordinate its work with other design professionals, and the trades.

CONSTRUCTION DOCUMENTS AND SPECIFICATIONS

Quality Engineering without well defined, clear and accurate construction documents, does not allow for good competitive bids or construction of the project. To this end, we constantly emphasize accuracy, readability and clarity of drawings and specifications. All projects receive a complete in house plan check before any documents are issued.

COMMITMENT

We are committed to providing outstanding service to our clients. Our experience providing engineering with strong technical focus coupled with personal attention to your project makes Aurum Consulting Engineers the team of choice for your consulting engineering requirements.

CADD

All drawings are produced on AutoCAD 2010; enhanced with MS Office. Our talented drafting staff has a thorough command of these systems. Aurum staff is trained on Revit MEP 2010 to collaborate with Revit Architecture. They are proficient in the use of Electronic Transfer to send and receive documents and drawings.

ENGINEERING DESIGN SPECIALTIES

Our comprehensive electrical system design capabilities include design of lighting, power distribution, fire alarm and life safety, and data/communications systems:

Power Distribution Systems:

- Medium Voltage Power Systems
- Line Voltage Power Systems
- UPS Systems
- Fault Calculations and System Coordination Studies
- Energy Surveys and Load Analysis

Fire Alarm and Life Safety Systems:

- Fire Detection and Alarm Systems
- Emergency Lighting
- Emergency Power Generation Systems
- Security Systems

Lighting Systems:

- Architectural Lighting Design
- Retail and Restaurant Lighting
- Street Lighting
- Sports Facility Lighting
- Lighting Control Systems
- Lighting Energy Management Systems
- State of California Mandated Title 24 Lighting Compliance Calculations

Alternative Energy

- Micro-turbine power generation
- Photovoltaic
- Wind Turbine

Data/Communications systems:

- Network Data System Design
- Communications System Design

- Public Address System Design
- CCTV/CATV Distribution Design
- Access Control System Design
- Nurse Call System Design

Miscellaneous:

- Electrical System Cost Analysis
- Value Engineering
- Cost Estimating
- LEED Assistance

PROFESSIONAL MEMBERSHIPS

Aurum Consulting Engineers are proud members of the following organizations:

- National Fire Protection Association (NFPA)
- American Council of Engineering Companies (ACEC)
- National Society of Professional Engineers (NSPE)
- Illuminating Engineering Society of North America (IESNA)
- International Association of Electrical Inspectors (IAEI)
- International Association of Lighting Designers (IALD)
- Institute of Electrical and Electronic Engineers (IEEE)
- U.S. Green Building Council (USGBC)

STAFF

Eldridge O. Bell, P.E.
Director

Elias Cosio
CADD Supervisor

Charles W. Denley
Senior Electrical Project Manager

Jose Serrato
CADD Operator

Martín H. Pérez
Electrical Project Manager

Stephanie Gross
CADD Operator

Frank S. Pinedo
Electrical Project Manager

Silvia Magaña
Bookkeeper

Steve Cate
Electrical Project Manager

Melissa Vega
Administrative Assistant

Najib Anwary, E.E., LEED AP
Electrical Project Manager

ELDRIDGE O. BELL, P.E.
Electrical Engineer
Principal



**Aurum Consulting
Engineers**

Education

2003
University of the Pacific
Bachelor of Science – Electrical Engineering

Professional Designations

Registered Professional Engineer in California
Electrical Engineer E17789

Professional Experience

2004 – Present
Aurum Consulting Engineers | Monterey, California
Principal Electrical Engineer – Responsible for electrical design and coordination of construction documents.

2002
New United Motors Manufacturing Inc. | Fremont, California
Intern Facilities Engineer – Responsible for project management and in-house electrical engineering for automotive manufacturing plant.

2001
Flextronics | San Jose, California
Intern Systems Engineer – Data analysis.

Professional Associations

National Society of Professional Engineers (NSPE)
American Council of Engineering Companies (ACEC)
Institute of Electrical and Electronic Engineers (IEEE)
U.S. Green Building Council (USGBC)

Resume

Eldridge's Engineering and Project Management capabilities include nine years of Consulting Electrical Engineering involving power, lighting, fire alarm and electrical systems design and project management for new construction and remodel/renovation of hospital/medical projects. He is thoroughly familiar with the latest Office of Statewide Health Planning and Development procedures and regulations, which govern medical facility projects. Eldridge has also provided electrical engineering services for numerous industrial, commercial, utility undergrounding projects, educational facilities, computer rooms, offices, multi-unit residential, industrial and hotel buildings.

CHARLES W. DENLEY
Senior Project Manager
Principal



**Aurum Consulting
Engineers**

Education

1971
California State Polytechnic University
Bachelor of Science – Social Science

1969
Coalinga Junior College
Associate of Arts

Professional Experience

1998 – Present
Aurum Consulting Engineers | Monterey, California
Senior Electrical Project Manager – Responsible for electrical design and coordination of construction documents.

1978-1998
Fehr Engineering Company | Monterey, California
Project Manager – Responsible for project management and electrical engineering for construction documents.

1974-1975
Berkleonics | San Luis Obispo, California
Drafter and Designer. Designed printed circuit boards and equipment for electronic power supplies.

Professional Associations

AIA Professional Affiliate

International Association of Electrical Inspectors

Illuminating Engineering Society of North America

International Association of Lighting Designers

Resume

Charles' Engineering experience spans thirty years of Consulting Electrical Engineering. He is an experienced Consulting Electrical Engineering and Project Manager on a wide variety of projects involving power, emergency power systems, telephone/data system design, lighting design and controls, fire alarm and project management for new, remodel and renovation projects. Charles has been Project Manager in charge of numerous industrial and commercial projects including offices, educational facilities, computer rooms, hotels, housing projects, high end residential, food processing facilities, etc. Charles is the in-house code expert and quality control manager.

MARTÍN H. PÉREZ
Electrical Engineer
Principal



**Aurum Consulting
Engineers**

Professional Certifications

NICET I Certified (Fire Alarm)
NICET II (Fire Alarm Level II exam passed - certification review in progress)
NICET III (Fire Alarm Level III exam passed – certification review in progress)

Education

1983
Associate in Arts Degree (Hartnell College, Salinas, CA)
Electromechanical Drafting Certificate (Hartnell College, Salinas, CA)

Professional Memberships

2000
National Fire Protection Association (NFPA)

2004
BICSI Member

Software Experience

Auto CAD
Revit
Microsoft Office

Project Experience

Martin's Electrical Engineering design experience spans more than fifteen years involving Power Systems, Low Voltage Systems, Emergency Power Systems, Lighting Systems and Fire Alarm Systems for new and renovation projects. His projects have included office buildings, commercial buildings, educational facilities, computer rooms, hotels and housing projects. Martin has a proven record of approved projects at DSA (Division of the State Architect) over the last 15 years and is the staff specialist in Fire Alarm Systems design. He has been in charge of numerous fire alarm system designs for educational facilities that range from Elementary Schools, Middle schools, High Schools, Community Colleges and Universities as well as Health and Commercial facilities. He has a complete knowledge of the latest California Energy Compliance (Title 24) requirements.

Steve Cate
Electrical Engineer
Project Manager



Education

1965
Monterey Peninsula College
Art and General Education
1972
Monterey Peninsula College
Electronics, Manufacturing Process Control, and Art
2001
Lutron
Lighting Controls

Professional Experience

2008 – Present
Aurum Consulting Engineers | Monterey, California
Electrical Project Manager – Responsible for lighting design, electrical design and coordination of construction documents.

1969-1999
Licensed electrical contractor working on residential, educational, commercial/retail, and industrial projects.

Project Experience

Carmel High School Performing Arts Center
Carmel, Ca.

Project Manager for front of house lighting and controls, integration with theatrical lighting controls. Coordination with theatrical, sound, and audio/visual consultants for systems layout and installation. Also including electrical distribution, fire alarm, data, and school clock and PA systems.

Sunset Cultural Center
Carmel, Ca.

Project Manager for renovation of historic school auditorium into a performance and cultural center for the City of Carmel by the Sea including new service to the building, power distribution and lighting design and controls for front of house and auditorium. Specification for renovation of historical lighting fixtures from original design. Coordination with theatrical, sound, and audio/visual consultants for system layout and installation.

Casa Munras Hotel
Monterey Ca.

Project Manager for renovation of historic hotel, restaurant, meeting rooms, and spa including power and interior and exterior lighting with controls. Coordination with interior and spa designers.

Hotel Abrego
Monterey, Ca.

Project Manager for renovation and expansion of local hotel including power and lighting with controls.

Ventana Inn, Cielo Restaurant
Big Sur, Ca.

Project Manager Renovation of fire damaged restaurant including new electrical service for the building, power, lighting, and fire alarm.

List of Maintenance Facility Similar Projects

Maintenance Facilities

Marina Corporation Yard, Marina, Ca

Electrical design for renovation of abandoned Army vehicle repair facility including break rooms, offices, wash down area, lighting, power, fueling, and data design.

Carmel Unified School District MOT Facility, CA

Power and controls for gasoline and diesel fueling facility at district bus maintenance facility.

MPC Maintenance Facility

Design of 5 KV extension of campus power, data fiber and telephone cabling to new facility. Electrical design included data, telephone, fire alarm, lighting and power design.

Pebble Beach Golf Maintenance Facility, Pebble Beach, CA

Electrical design for new major golf maintenance facility for Pebble Beach Golf Links including, fueling stations, vehicle repair shops, offices, storage, wash down stations, back-up generator, machine shop, haz-mat building and new utility services.

Marina Transit Station, Marina, Ca

New public transportation facility including PG&E service coordination, site lighting, offices and toilet rooms. Electrical design included lighting, power, site lighting, fire alarm, telephone and security systems.

Anzar Bus Maintenance Facility, San Juan Bautista, CA

New school bus maintenance facility including power, lighting, telephone, power, data, security system design for bus repair garage and offices.

Pebble Beach Fairway 10 Maintenance Facility, Pebble Beach, CA

Design of power, lighting, telephone, data, fire alarm and security. Fuel dispensing, wash bay, hazards storage and maintenance vehicle repair.

Salinas Union School District, Transportation Building, Salinas, CA

Design power, lighting, and data system for renovation of fueling facility, work bays, and wash bay for bus maintenance facility.

Del Monte Golf Course Maintenance Facility, Monterey, CA

Design power and lighting for addition of a wash bay, hazards storage, and fueling facility.