

SECTION 8.0
REPORT PREPARATION PERSONNEL

The following individuals contributed to the preparation of this document.

8.1 COUNTY OF LOS ANGELES

Contributor	Department	Title	Area of Responsibility
Alan Nino	Public Works	Civil Engineer	EIR review
Amir Zandieh	Public Works	Senior Civil Engineer	EIR review
Anthein Thomas	Public Works	Civil Engineer	EIR review
Araik Zargaryan	Public Works	Civil Engineer	EIR review
Arena Turner	Public Library	Acting Assistant Director, Administrative Services	EIR review
Beatriz Bahena	Sheriff's Department	Administrative Services Manager I	EIR review
Beth Wilson	Public Library	Library Administrator, Public Services Administration	EIR review
Connie Chung	Regional Planning	Supervising Regional Planner	EIR review
Dale Sakamoto	Public Works	Civil Engineer	EIR review
Dorothea Park	Chief Executive Office		EIR review
Ed Dingman	Public Works	Senior Civil Engineer	EIR review
Elsa Munoz	Public Library	Head, Support Services	EIR review
Francis Dominguez	Public Works	Supervising Building and Safety Engineering Specialist	EIR review
Gina Natoli	Regional Planning	Supervising Regional Planner	EIR review
Grace Chang	County Counsel		EIR review
Helen Parker	County Counsel		EIR review
James Tang	Public Health	Industrial Hygienist	EIR review
Jason Tajima	Chief Executive Office		EIR review
Joe Decruyenaere	Regional Planning	Senior Biologist	EIR review
Joseph Nicchitta	County Counsel		EIR review
Julie Yom	Parks and Recreation	Park Planner	EIR review
Kathline King	Parks and Recreation	Chief of Planning	EIR review
Kent Tsujii	Public Works	Associate Civil Engineer	EIR review
Kevin Johnson	Fire Department	Acting Chief, Forestry	EIR review
Lester Miyoshi	Sheriff's Department	Departmental Facilities Planner	EIR review
Lev Levon	Public Library	Administrative Services Manager II	EIR review
Lorraine Buck	Fire Department	Acting Chief, Planning	EIR review
Marge Santos	Chief Executive Office		EIR review
Mark Caddick	Public Works	Principal Engineer	EIR review
Matthew Dubiel	Public Works	Senior Civil Engineer	EIR review
Michelle Tsiebos	Public Health	Chief Environmental Health Specialist	EIR review
Patrick Malekian	Animal Care and Control	Administrative Deputy	EIR review
Patrick Nejadian	Public Health	Chief Environmental Health Specialist	EIR review

Philip Cocker	Fire Department	Assistant Chief, Fire Prevention	EIR review
Ramy Gindi	Public Works	Senior Civil Engineer	EIR review
Richard Lavin	Public Health	Chief Environmental Health Specialist	EIR review
Rudy Rivera	Public Works	Civil Engineer	EIR review
Sherry Su	Public Library	Administrative Services Manager I	EIR review
Soyeon Choiis	Regional Planning	Regional Planning Assistant II	EIR review
Susan Tae	Regional Planning	Supervising Regional Planner	EIR review
Thong Ngov	Public Works	Associate Civil Engineer	EIR review

8.2 ENVIRONMENTAL CONSULTANT: SAPPHOS ENVIRONMENTAL, INC.

Contributor	Title	Area of Responsibility
Marie C. Campbell	President	Senior Project Manager
Eric Charlton	Senior Environmental Compliance Specialist	Project Manager EIR author
Lucy Lin	Director of Environmental Compliance	EIR author
David Lee	Biological Resources Manager	EIR author
Jeffrey Rex	Senior Environmental Compliance Coordinator	EIR author
Victoria Hsu	Senior Environmental Compliance Coordinator	EIR author
Laura Male	Senior Environmental Compliance Coordinator	EIR author
Karl Holland	Senior Cultural Resources Coordinator	EIR author
Michael Williams	Lead Paleontologist	EIR author
Lauren Dorough	Biological Resources Analyst	EIR author
Matthew Adams	Senior Technical Editor	Document production
Noah Albers	Senior Geographical Information System (GIS) Specialist	GIS analysis

8.3 SUBCONSULTANTS

Contributor	Title	Area of Responsibility
HDR		
Richard A. Haiman	Water Resources Section Manager	Technical report author
Fehr & Peers		
Tom Gaul	Principal	Technical report author
Michael Kennedy	Senior Transportation Planner	Technical report author

SAPPHOS ENVIRONMENTAL, INC.
COMPANY OVERVIEW



Sapphos Environmental, Inc. provides planning, resource management, and environmental compliance consulting services to assist public-sector and private-sector clients in the planning, design, review, and implementation of infrastructure, educational, conservation, and development projects.

Founded in October 1992, the firm has provided over 7,500 delivery orders in excess of over \$75 million to nearly 600 clients. The firm has held over 78 open-ended contracts, 23 open-ended contracts are current. Many of these projects required working closely with numerous state and local government agencies to prepare planning, resource management, and environmental documents that facilitated project compliance with federal, state, and local statutes and regulations.

The firm's experienced project management team is backed by skilled and innovative technical professionals who have developed a successful technical approach for planning, environmental compliance, and resource management work efforts that have successfully withstood all legal challenges.

PRACTICE

The firm's practice is composed of three key service areas: (1) Planning, (2) Resource Management, and (3) Environmental Compliance.

Environmental Compliance Services

Sapphos Environmental, Inc.'s environmental compliance services cover environmental compliance documentation, hazardous materials consultation, regulatory permitting, and construction monitoring.

- Environmental compliance services include consultation and preparation of environmental compliance documents pursuant to the California Environmental Quality Act, the National Environmental Policy Act, and other applicable statutes and regulations. Hundreds of environmental compliance documents have been completed in support of public and private infrastructure and community development projects in Southern California, including but not limited to Environmental Impact Statements, Environmental Assessments, Environmental Impact Reports, Mitigated Negative Declarations, and Negative Declarations.
- Regulatory permitting services include the strategy, submission, and processing of a variety of regulatory permits, including Nationwide and Individual Permits pursuant to the Clean Water Act, Streambed Alteration Agreements, Water Quality Certifications, and permits for incidental take of endangered species.
- Construction monitoring is an important component of Sapphos Environmental, Inc.'s environmental compliance services that ensures adherence to conditions of approval or mitigation measures required by lead and regulatory agencies.

- Hazardous materials consultation services include identification of applicable, relevant, and appropriate federal, state, and local statutes, ordinances, or policies regarding hazards and hazardous materials. These issues must be considered during the decision-making process for projects that have the potential to interact with existing hazards; create new hazards; require the use of hazardous materials; or generate hazardous materials, substances, or wastes.

STRENGTHS OF THE FIRM

Sapphos Environmental, Inc. was formed to support a single goal: achieving the client's objectives. Sapphos Environmental, Inc. aims to accomplish that objective through the development of pragmatic solutions and preparation of quality documents that are delivered with exemplary client service.

Sapphos Environmental, Inc. has the necessary resources (technological, literary, and human) to successfully complete any and all work efforts required by the client. Human resources include, but are not limited to, full-time in-house professionals specializing in geographic information systems (GIS), graphic design, and technical editing and production.

Litigation History

Sapphos Environmental, Inc. has prepared hundreds of environmental documents for public-sector and private-sector clients who face potential litigation. Of all the environmental documents prepared by the firm, legal challenges pursuant to the California Environmental Quality Act (CEQA) were filed in only 13 instances. Each of these documents successfully withstood all legal challenges.

Agency Experience

Sapphos Environmental, Inc. has worked extensively with federal, state, and local government agencies to prepare planning, resource management, and environmental documents that facilitated project compliance with federal, state, and local statutes and regulations. Sapphos Environmental, Inc. has developed a key understanding of the standards and requirements of each of these agencies. Sapphos Environmental, Inc. regularly coordinates with the following agencies:

- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- California Department of Fish and Wildlife
- Office of Planning and Research State Clearinghouse
- California Department of Parks and Recreation, State Historic Preservation Office
- California Air Resources Board
- California Coastal Commission
- Regional Water Quality Control Board
- Southern California Air Quality Management District
- County of Los Angeles Department of Public Works
- County of Los Angeles Department of Regional Planning
- County of Los Angeles Department of Parks and Recreation
- County of Los Angeles County Counsel's Office

FIRM LOCATION

Located in the City of Pasadena, California, Sapphos Environmental, Inc. was founded to provide responsive, high-quality planning, resource management, and environmental compliance services tailored to serve the unique needs of the firm's clients. Sapphos Environmental, Inc. is certified as a minority-owned and woman-owned business enterprise by the State of California, Caltrans, County of Los Angeles, Los Angeles County Metropolitan Transportation Authority, and City of Los Angeles. In addition, Sapphos Environmental, Inc. is on the List of Certified Biologists for the County of Los Angeles Department of Regional Planning.

Firm Name: Sapphos Environmental, Inc.
Headquarters Address: 430 North Halstead Street
 Pasadena, California 91107
Headquarters Phone: (626) 683-3547
Headquarters FAX: (626) 683-3548
Website: www.sapphosenvironmental.com
NAIC Code: 541620
Ownership: S-Corporation
Name of Owner: Marie Campbell

SAPPHOS ENVIRONMENTAL, INC. CERTIFICATIONS

Certification	Certifying Agency	Identification No.
Community Business Enterprise	County of Los Angeles	CBE Program ID# 10754
Small Business Enterprise	California Department of General Services, Office of Small Business Certification and Disabled Veteran Business Enterprise Certification	Supplier No. 11282
Disadvantaged Business Enterprise Minority Business Enterprise Women Business Enterprise	California Unified Certification Program City of Los Angeles, Bureau of Contract Administration Office of Contract Compliance	File No. 3115
Minority Business Enterprise Women Business Enterprise	California Department of Transportation	Firm No. 24682
Small Business Enterprise	Los Angeles Metropolitan Transportation Authority	Metro File No. 5670



Ms. Marie Campbell, principal of Sapphos Environmental, Inc., is an environmental compliance specialist with over 30 years of experience in managing public- and private-sector projects requiring strategic planning, environmental compliance documentation, and resource management planning. In particular, Ms. Campbell has extensive experience with complex and controversial public infrastructure projects, including the Los Angeles International Airport Master Plan, Martin Luther King Jr. Medical Campus and Multi-Service Ambulatory Care Center Project, the Hollywood Bowl Acoustical Shell Replacement Project, LA Plaza de Cultura y Artes, and the 710 North transportation improvement project. In addition, Ms. Campbell has served as a strategic advisor and project manager for a number of project involving complex policy issues that warranted evaluation pursuant to the California Environmental Quality Act including the 2016 Southern California Association of Government Regional Transportation/Sustainable Communities Strategy, Marina del Rey Affordable Housing Policy, and the County of Los Angeles Ordinance to Ban Single-use Carryout Plastic Bags. Success of these projects was reinforced by the strong working relationships Ms. Campbell built among the many diverse parties who had an interest in the projects. Ms. Campbell managed the coordination among agencies, special interests, and the public to resolve issues and meet project goals and milestones. Ms. Campbell serves on the board of the National Association of Environmental Professionals and the California Association of Environmental Professionals.

Project Management

Since establishing Sapphos Environmental, Inc., Ms. Campbell has served as project manager on open-end contracts for environmental services, as well as numerous high-profile, complex environmental documents. Under Ms. Campbell's direction, Sapphos Environmental, Inc. has provided open-end environmental services to numerous public agencies: California Department of Transportation, Metropolitan Water District of Southern California, Southgate Recreation and Park District, Great Basin Unified Air Pollution Control District, County of Los Angeles Chief Executive Office, County of Los Angeles Department of Public Works, County of Los Angeles Department of Parks and Recreation, and City of Los Angeles Bureau of Engineering, and City of Pasadena Planning. In the performance of services under these open-end contracts, she has managed multidisciplinary teams consisting of geologists, registered environmental assessors, health risk assessment professionals, biologists, archaeologists, paleontologists, land use planners, air and water quality specialists, acoustical engineers, traffic engineers, and civil engineers. She has managed as many as 15 simultaneous delivery orders (during a one-month period) during the course of these contract efforts. As project manager, Ms. Campbell's responsibilities included preparation of individual scopes of service for each delivery order (including schedules and estimated costs), client and project team coordination, project staffing, supervision of all work efforts, timely submission of all work products, provision of technical input and graphics for internal and external project briefings, and quality control. Ms. Campbell has managed the preparation of environmental compliance and public outreach efforts for a variety of projects where hazards and hazardous materials were a key issue:

- Arroyo Seco Master Plan Update and EIR
- Long Beach Memorial Medical Center Expansion and 2010 Master Plan Environmental Impact Report (EIR)
- South Coast Golf Course (at Palos Verdes Landfill) EIR

- Victoria County Golf Course Rehabilitation EIR and Supplemental EIR
- Victoria Cricket Fields Rehabilitation EIR
- Biological Resources Technical Report, Oak Tree Report, and Expert Witness for Puente Hills Landfill EIR
- Huntington Regional Park Complex EIR (closed Landfill and active petroleum extraction field)
- Kenneth Hahn Ballfield Complex EIR (closed petroleum extraction and storage field)

Environmental Compliance

National Environmental Policy Act / California Environmental Quality Act Documents

Ms. Campbell has prepared all types of environmental compliance documents for state and federal lead agencies, including categorical exclusions, negative declarations, mitigated negative declarations, environmental assessments, EIRs, Environmental Impact Statements (EISs), and joint environmental documents (EIRs/EISs). Ms. Campbell served as project manager for the National Environmental Protection Agency (NEPA) input to the EIS/EIR in support of the Berth 97–109 Container Terminal Project (China Shipping I, II, and III) project at the Port of Los Angeles. Ms. Campbell supported the Southern California Gas Company through oversight of preparation of seven technical studies in support of the proposed 67-linear mile North-South project EIS/EIR. Ms. Campbell also served as a strategic consultant for the EIS/EIR for the Los Angeles International Airport Expansion for all issues related to biological resources, threatened and endangered species, wetlands, and related regulatory permits. Ms. Campbell is serving as the strategic environmental advisor to the County of Los Angeles Metropolitan Transportation Authority for the Union Station Master Plan Program EIR. Ms. Campbell served in a similar capacity on the recently completed EIR for the 2016 Southern California Association of Government Regional Transportation/Sustainable Communities Strategy. Ms. Campbell completed joint NEPA / California Environmental Quality Act (CEQA) documents for several other projects: EIR/Environmental Assessment for the Keeler Dunes Demonstration of Attainment for PM₁₀ State Implementation Plan that addresses a 2 square mile study area requiring implementation of a variety of dust control measures Categorical Exclusion / EIR for the Grand Avenue Environs Project, Programmatic Negative Declaration / Environmental Assessment (County of Los Angeles Department of Public Works and U.S. Army Corps of Engineers), Environmental Assessment / Mitigated Negative Declaration for the R-Line Interstate Transmission Corridor, Mitigated Negative Declaration and Environmental Assessment / Finding of No Significant Impact (FONSI) for the Bosque del Rio Hondo Riverfront Park Project (Mountains Recreation and Conservation Authority, Los Angeles County Department of Parks and Recreation, and U.S. Army Corps of Engineers), and Joint Environmental Assessment and Mitigated Negative Declaration for the Lake Mathews Ecological Reserve (U.S. Fish and Wildlife Service and The Metropolitan Water District of Southern California).

Public Outreach

Effective communication and public and agency outreach is fully integrated into the technical approach and scope of services for all work efforts undertaken by Sapphos Environmental, Inc. Ms. Campbell has successfully completed the federal government training for negotiating, bargaining, and conflict resolution. In addition, Ms. Campbell has taught at the collegiate level. Ms. Campbell has the ability to assist clients and regulatory oversight personnel in developing a strategy to address complex environmental issues and the related public outreach program to ensure that the goals of NEPA and CEQA are fulfilled. Ms. Campbell has extensive experience preparing and delivering oral presentations that effectively convey technical information in a manner that is

understandable for the layperson. Ms. Campbell developed the technical training program used to train all technical staff at Sapphos Environmental, Inc. in effective listening and facilitation of community and agency meetings and workshops. Ms. Campbell has made numerous presentations to special district boards, boards of supervisors, city councils, and planning commissions for a variety of high-profile capital projects.

Legal Defensibility

As principal of Sapphos Environmental, Inc., Ms. Campbell developed the standard work approach to minimize exposure to litigation and maximize protection in the limited cases where a plaintiff pursues litigation. In this approach, the project manager initiates each project with the assumption that the potential for litigation is always present. Therefore, the work plan consists of the necessary efforts to build a comprehensive and defensible administrative record to support the lead agency's decision-making process. Sapphos Environmental, Inc. has prepared numerous environmental documents, including negative declarations, mitigated negative declarations, and various types of EIRs for public- and private-sector clients under the threat of potential litigation. Of the hundreds of environmental documents prepared, legal challenges pursuant to the CEQA were ultimately filed in only nine instances. Each of these documents successfully withstood all legal challenges:

- **Hollywood Bowl Shell Rehabilitation Project and Acoustical Improvements EIR:** Prepared for the Los Angeles Philharmonic Orchestra and County of Los Angeles Chief Executive Office. On August 20, 2002, the appellate court upheld the adequacy of the EIR. The project was completed in 2004 for the new season.
- **Owens Valley PM₁₀ Planning Area Demonstration of Attainment State Implementation Plan EIR:** Prepared for the Great Basin Unified Air Pollution Control District. On July 28, 1998, the Superior Court upheld the adequacy of the EIR. The project has been successfully completed.
- **Frank G. Bonelli Regional Park Master Plan EIR:** Prepared for the County of Los Angeles Department of Parks and Recreation. On February 24, 1998, litigation was withdrawn as a result of a Negotiated Settlement Agreement.
- **Longden Reservoir No. 1, Van Nuys Reservoir, Van Nuys Booster Pump Station and 24-inch Parallel Pipeline Project EIR:** Prepared for the San Gabriel County Water District. On October 31, 1997, the Superior Court upheld the adequacy of the EIR. The project has been completed.
- **Deane Dana Friendship Community Regional County Park EIR:** Prepared for the County of Los Angeles Department of Parks and Recreation. On November 15, 1996, the Superior Court of the County of Los Angeles ruled to deny writ of mandate.
- **Los Angeles International Airport Master Plan EIR/EIS:** As a subcontractor to CDM and URS, Sapphos Environmental, Inc. prepared the biological resources, threatened and endangered species, and wetlands components of the EIR/EIS. In December 2005, litigation was withdrawn as a result of a Negotiated Settlement Agreement.

- **Symantec Office Development 800–900 Corporate Pointe EIR: Sapphos** Environmental, Inc. worked in concert with Century Housing’s legal team on the CEQA writ of mandate against the City of Culver. Century Housing received their requested mitigation as compensation as a result of a Negotiated Settlement Agreement.
- **EIR for Specific Plan for the Development of State Surplus Property and Amendment to the Redevelopment Plan for the Merged Chino Development Project Area:** Prepared for the City of Chino and the State Department of Health Services. Litigation was withdrawn as a result of a Negotiated Settlement Agreement. Project construction was initiated in January 2005.
- **Hyundai Annexation, Detachment, Sphere of Influence, Amendment, Redevelopment Area Expansion, General Plan Update for the Automotive Test Course Project EIR:** Prepared for the City of California City and Hyundai Motor America. Defenders of Wildlife and the Center for Biological Diversity filed a lawsuit against the U.S. Fish and Wildlife Service over permits issued to Hyundai Motor Company and the City of California City to build an automotive test track near the City of California City. On February 27, 2004, the lawsuit was settled in favor of the project applicant as a result of a Settled Arbitration Agreement, Case Number CV04-01073TJH (AJMx).

Regulatory Permitting

Regulatory permitting has been undertaken by Ms. Campbell in support of a variety of infrastructure projects. Ms. Campbell served as the principal-in-charge representing the City of Carson in after-the-fact Section 404 permit from the U.S. Army Corps of Engineers, water quality certification with the Regional Water Quality Control Board, and Streambed Alteration Agreement with the California Department of Fish and Game for the Del Amo Boulevard overcrossing. Ms. Campbell prepared the Mitigation Plan Biological Assessment for the Proposed Erosion Protection Facilities for the Valencia Water Reclamation Plant Solids Processing Plant, County of Los Angeles, California, for the Sanitation Districts of Los Angeles County. Regulatory permitting included documentation for a Pre-discharge Notification for use of Nationwide Permit submitted to the U.S. Army Corps of Engineers (including formal consultation with the U.S. Fish and Wildlife Service), Streambed Alteration Agreement submitted to the California Department of Fish and Game), and Request for Waiver of Water Quality Certification to the Regional Water Quality Control Board. Similar efforts were undertaken for two projects for The Metropolitan Water District of Southern California, emergency pipeline repairs and recurring maintenance for the Box Springs Feeder Project, and emergency debris removal and routing channel maintenance for the Weldon Canyon Creek tributary to Bull Creek at the Jensen Filtration Plant.

Hazards and Hazardous Materials

Ms. Campbell has served as project coordinator for a number of high-profile projects involving redevelopment of a closed landfill and active or closed petroleum extraction fields. Most recently, Ms. Campbell served as the project coordinator representing Memorial Health Services and the City of Long Beach for the proposed redevelopment of the Long Beach Memorial Medical Center Campus. Ms. Campbell worked with the clients and the Department of Toxic Substances Control to negotiate a Voluntary Clean-up Agreement that provided for assessing the medical campus as three operable units. Assessment of two of the operable units was successfully completed; the

investigation of the third operable unit is ongoing. Ms. Campbell served in a similar capacity, representing Meritage Partners and the County of Los Angeles, in relation to the proposed redevelopment of the closed Palos Verdes Landfill as a public golf course. Ms. Campbell has represented public agencies, including the Mountains Restoration and Conservation Authority, the County of Los Angeles, the Sanitation Districts of Los Angeles County, and the City of Huntington Beach in the redevelopment of brownfield properties to accommodate public benefit land uses, including the Bosque del Rio Hondo community park, Kenneth Hahn Ballfield Complex, Puente Hills Landfill, and Huntington Regional Sports Complex.

Resource Management

Ms. Campbell has extensive experience conducting Section 7 consultations on behalf of federal agencies, including the U.S. Army Corps of Engineers, U.S. Department of Agriculture Bureau of Land Management, U.S. Department of Transportation Federal Aviation Administration and Federal Highway Administration, and the U.S. Fish and Wildlife Service. Similarly, Ms. Campbell has overseen the negotiation and environmental documentation related to federal Section 10(a) permits and State 2081 permits for incidental take of endangered species. All these projects have involved the preparation and implementation of long-term habitat management and conservation plans:

- Long-term Management Plan for the solar element of the Catalina Wind Energy Project
- Long-term Habitat Management Plan for the Red Tail Golf and Equestrian Project
- Long-term Habitat Management Plan for Los Angeles Airport / El Segundo Dunes
- Lake Mathews Fire Management Plan, Riverside County, California
- Habitat Restoration Program for Palos Verdes Blue Butterfly at Deane Dana Friendship Community Regional County Park
- Revegetation Plan in Support of the Bosque del Rio Hondo Project
- Habitat Restoration Program in Support of the Valencia Water Reclamation Plant Solids Processing Expansion Project
- Biological Assessment, Negotiated Settlement Agreement, and Biological Resources Evaluation for the East Orange General Plan Amendment EIR

Construction Monitoring

Ms. Campbell has supervised numerous construction monitoring projects to ensure compliance with mitigation programs defined in environmental compliance documentation and as part of regulatory permitting programs. She prepared a construction monitoring and wildlife relocation program for the Cascades Golf Course project. Previously, she served as the in-field supervisor for construction monitoring of the repair and rehabilitation of the Orange County Feeder Extension and Related Protective Improvements, Newport Back Bay, California. Construction monitoring was required to ensure compliance with permit conditions established by the U.S. Fish and Wildlife Services (California gnatcatcher), U.S. Army Corps of Engineers (Nationwide Permit), Regional Water Quality Control Board (Water Quality Certification), California Department of Fish and Game (Streambed Alteration Agreement), and California Coastal Commission (Coastal Development Permit).

NEPA/CEQA Expert Witness

Ms. Campbell is listed as an expert witness in relation to the National Environmental Policy Act and the California Environmental Quality, by the Los Angeles Bar Association. She has served as an expert witness, twice on behalf of the County of Los Angeles to prevail in matters related to open space conservation.

- **Whittier Oil Project.** Sapphos Environmental, Inc. (Ms. Marie Campbell) stood as an expert witness for the County of Los Angeles Office of County Counsel and was instrumental in demonstrating that the City of Whittier had violated their contractual obligations pursuant to Proposition A funding provided for the acquisition and management in perpetuity of lands as open space and habitat. The Superior Court entered into judgment in favor of the County of Los Angeles Open Space and Recreation District, requiring the City of Whittier to obtain their approval of any lease that would allow oil exploration or development on lands acquired with Proposition A grant monies.
- **La Viña Homeowners Association Subdivision Map Act Compliance:** Sapphos Environmental, Inc. (Ms. Marie Campbell) stood as an expert witness for the County of Los Angeles Office of County Counsel and was instrumental in demonstrating that La Viña Homeowner Association had violated the Subdivision Map Act in their failure to complete development of two trails required by the County of Los Angeles Board of Supervisor as of conditions of approval of the project. On June 11, 2008 the Superior Court entered into judgment in favor of the County of Los Angeles Board of Supervisors. The decision was affirmed in an Appellate Court decision in 2010.

Professional History

- Sapphos Environmental, Inc., Principal, October 1992–Present
- Michael Brandman Associates, Associate, Manager of Environmental Protection Services, 1989–1992
- U.S. Army Corps of Engineers, Environmental Protection Specialist, 1984–1989
- University of California at Los Angeles, Teaching Assistant / Research Analyst, 1982–1985

Education

- Master of Arts, Geography (Geomorphology/Biogeography), University of California, Los Angeles, 1988
- Bachelor of Arts, Ecosystems: Conservation of Natural Resources, University of California, Los Angeles, 1982

Professional Affiliations

- California Wind Energy Association
- American Planning Association
- Association of Environmental Professionals

- Association of American Geographers
- UCLA Alumni Association

Selected Publications

Campbell, Marie. 1990. *Mitigation Monitoring AB 3180: The NEPA Perspective*. California Chapter of the American Planning Association. AB 3180 Revisited Workshops. March 16, 23, and 30, 1990.

Campbell, Marie. 1990. *Mitigation Monitoring AB 3180: The NEPA Perspective*. California Chapter of the American Planning Association. AB 3180 Revisited Workshops. March 16, 23, and 30, 1990.

Campbell, M.C. 1988. Rill Erosion in a Post-Burn Chaparral Environment. Unpublished master's thesis. Department of Geography, University of California, Los Angeles.

Mackey, Ellen, R. Green, B. Newby, D. Matis, J. Bradley, D. Karavidas, and M. Campbell. 11 August 1994. *Integrating Fire Management Plans and Conservation of Endangered Species*. Poster session. Ecological Society of America Conference, Knoxville, Tennessee.

Mackey, Ellen (Metropolitan Water District of Southern California, Los Angeles), and Marie C. Campbell (Sapphos Environmental, Inc., Pasadena, CA). 1995. *Using Integrated Pest Management Approach to Ensure Conservation of Endangered Species*. Ecological Society of America Conference, Snow.

ERIC C. CHARLTON
SENIOR ENVIRONMENTAL COMPLIANCE SPECIALIST



Mr. Eric Charlton, Senior Resources Specialist for Sapphos Environmental, Inc., has more than 26 years of experience in environmental compliance, urban planning, and GIS. He brings an expansive and detailed knowledge of many areas related to environmental compliance, planning, alternative energy, and GIS, unique to his experience. Mr. Charlton provides project management and coordination for a wide array of Planning and Environmental Compliance projects at the company. He is skilled at building and maintaining client relationships and ensuring that projects stay on schedule and within budget. At Sapphos Environmental, Inc., Mr. Charlton has been responsible for the development of innovative applications of GIS for a myriad of projects, including alternative energy, environmental hazards, planning, environmental compliance, biological resources, and cultural resources projects.

Mr. Charlton has also been responsible for the development of innovative applications of GIS to wind energy projects, including constraints analysis, visibility analysis, and large- and small-scale impact analysis and avoidance for cultural and biological resources and wind energy project spatial database development. These innovative applications have provided Sapphos Environmental, Inc. with the ability to provide environmental analysis, cultural, and biological resource surveys much more efficiently than would otherwise be possible.

At Sapphos Environmental, Inc., Mr. Charlton has worked on an extensive array of diverse projects covering all aspects of alternative energy, GIS, planning, and environmental compliance. Mr. Charlton has extensive experience on the Manzana Wind Energy Project, Lompoc Wind Energy Project, and Hoffman Summit Wind Energy Project, and the Pacific Wind and photovoltaic solar projects. Other projects to which Mr. Charlton has contributed a substantial role include the Los Angeles County Ben K. Kazarian (BKK) landfill, Long Beach Memorial Medical Center Voluntary Clean-up Agreement (VCA), and several Phase I environmental hazards projects; The Los Angeles County Altadena Crest Trail, Los Angeles County Rancho Los Amigos Specific Plan and EIR, Los Angeles County Parks Needs Assessment and Facility Inventory, Los Angeles County Vasquez Rocks Nature Center, Long Beach Memorial Medical Center Master Plan, Los Angeles County Fire District Headquarters, and the Los Angeles County Fire Station 108 planning and environmental compliance projects; the Great Basin Unified Air Pollution Control District 2003 and 2008 Owens Valley PM₁₀ Planning Area Demonstration of Attainment SIP Project EIRs air quality projects; the Los Angeles World Airports and Caltrans biological resources projects; and the Los Angeles County Vasquez Rocks, PdV, Padoma Hoffman Summit, Pacific Wind, Great Basin Unified Air Pollution Control District Owens Lake cultural resource survey projects, and data modeling updates for the Southern California Association of Governments (SCAG) for the Malibu / Las Virgenes subregion.

Mr. Charlton has also worked on projects involving extensive GIS and analysis and modeling. One such project is the Desert Renewable Energy Conservation Plan (DRECP). For this project, Mr. Charlton performed an analysis of areas suitable for wind energy development in the DRECP area.

Relevant Project Experience

DIF VI Wind Energy Project Repower 2013

Client: FlowDesign-Ogin Inc.)

Location: Kern County

- Project management
- Agency coordination
- Planning/CEQA support
- GIS support

Keeler Dunes EIR/EA 2013-2014

Client: Great Basin Unified Air Pollution Control District

Location: Inyo County

- Project management
- CEQA/NEPA support
- Agency coordination
- GIS support

Desert Renewable Energy Conservation Plan (DRECP) 2010-2011

Client: California Wind Energy Association (CalWEA)

Location: Imperial, Riverside, Los Angeles, San Bernardino, Kern, Inyo, and San Diego Counties

- Project management
- Agency coordination
- Planning/CEQA support
- GIS support

Jawbone Wind Energy Project 2010-2011

Client: Rudnick Family Trust

Location: Kern County

- Project management
- CEQA/NEPA support
- Agency coordination
- GIS support

Timber Hills Wind Energy Project 2009-2010

Client: Enel Green Power

Location: Shasta County

- Project management
- Agency coordination
- Planning/CEQA support
- GIS support

Catalina Alternative Energy Project

Client: EDF-enXco

Location: Kern County

- Project management
- CEQA support
- Agency coordination
- GIS support

Avalon Wind Energy Project

Client: EDF-enXco

Location: Kern County

- Project management
- CEQA support
- Agency coordination
- GIS support

Pacific Wind Energy Project

Client: EDF-enXco

Location: Kern County

- Project management
- CEQA support
- Agency coordination
- GIS support

Manzana/PdV Wind Energy Project

Client: EDF-enXco/Iberdrola

Location: Kern County

- Project management
- CEQA support
- Agency coordination
- GIS support

Hoffman Summit Wind Energy Project

Client: Enel Green Power

Location: Kern County

- Project Management
- Agency coordination
- CEQA support
- GIS support
- Field surveys

2008 Owens Valley PM₁₀ Area Demonstration of Attainment SIP Project Programmatic EIRs

Client: GBUAPCD

Location: Inyo County

- Project management
- CEQA support
- GIS support
- Field surveys

Los Angeles County Vasquez Rocks Nature Center

Client: Los Angeles County

Location: Los Angeles County

- GIS support
- Planning support

Long Beach Memorial Medical Center Voluntary Clean-up Agreement (VCA)

Client: Long Beach Memorial Medical Center

Location: Los Angeles County, City of Long Beach

- GIS support

City of Long Beach Housing Element Update Negative Declaration (City of Long Beach)

Client: City of Long Beach

Location: Los Angeles County, City of Long Beach

- Project management
- CEQA support
- Agency coordination

Los Angeles World Airports Master Plan

Client: Los Angeles World Airports

Location: Los Angeles County

- GIS support
- Field surveys

Rancho Los Amigos Programmatic EIR and Specific Plan

Client: Los Angeles County

Location: Los Angeles County

- Project management
- CEQA support
- Agency coordination
- GIS support

Altadena Crest Trail Programmatic EIR

Client: Los Angeles County

Location: Los Angeles County

- Project management
- CEQA support
- Agency coordination
- GIS support

Caltrans biological resources projects

Client: Caltrans District 8

Location: San Bernardino County

- GIS support

Los Angeles County Parks Needs Assessment and Facility Inventory

Client: Los Angeles County

Location: Los Angeles County

- GIS support

Data modeling updates for the Southern California Association of Governments (SCAG) for the Malibu / Las Virgenes Subregion

Client: Southern California Association of Governments (SCAG)

Location: Los Angeles County, City of Calabasas, Malibu, Westlake Village, Hidden Hills, and Agoura Hills

- Project management
- Agency Coordination
- GIS support

Education

- American Institute of Certified Planners (AICP), 1994
- Certified GIS Professional (GISP), URISA, 2005
- Certificate in GIS, University of California, Riverside, 1998
- Bachelor of Arts, Geography, University of California, Riverside, 1985



Richard A. Haimann, PE, D.WRE, CPSWQ, CPESC, QSD

Water Resources Section Manager/National Storm Technical Advisor
Mr. Haimann is HDR's national technical leader in MS4 NPDES compliance, TMDL implementation, Clean Water Act compliance, Construction Storm Water Compliance, and storm water quality management. He has over 23 years of experience with storm water management and general environmental compliance. He has managed storm water quality and multi-media environmental compliance and has kept many projects compliant with diverse environmental regulations.

Education

Master of Business Admin, Business Administration (MBA Technology Management), Pepperdine University, 2003

Master of Science, Environmental Engineering (Civil / Environmental Engineering), Stanford University, 1989

Bachelor of Science, Civil Engineering, University of Alaska Fairbanks, 1988

Professional Registrations

Diplomate, Water Resources Engineer - American Academy of Water Resources Engineers, No. 00584

Professional Engineer - Civil, California, No. C50891 Issued: 09/30/1993

Professional Engineer, Texas, No. 107946 Issued: 01/10/2011

Certified Professional in Storm Water Quality (CPSWQ) No. 0775. Issued 08/26/2011

Certified Professional in Erosion and Sediment Control (CPESC) No. 6623. Issued 10/3/2011

Qualified Storm Water Pollution Prevention Plan (SWPPP) Developer No. 20988. Issued 9/21/2011

Professional Affiliations

American Society of Civil Engineers (ASCE), Los Angeles, Member, 1987-Present

Tau Beta Pi Engineering Honor Society, Fairbanks Alaska, Member, 1987-Present

American Chemical Society (ACS), Orange County, Member, 1992-Present

Water Environment Federation, Los Angeles, Member, 2007-Present

Industry Tenure

23 Years

Project Experience

NPDES Permit Renewal, Pomona Fairplex. 2010 – present. Project Manager. Mr. Haimann led a team to renew the NPDES permit for the Los Angeles County Fair and Exposition Center (Pomona Fairplex). The Fairplex had been categorized as a confined animal feeding operation (CAFO) by the State and was changing their operations in a manner that may alter that designation. Mr. Haimann assisted Fairplex with negotiating new permit conditions based on assessing future discharges given changing business operations.

Stormwater Pollution Prevention Plan (SWPPP) for the Pomona Fairplex, California. 2006-2009. Project Manager. Mr. Haimann led a team to help this client comply with a new site specific stormwater discharge permit that defined the operations at the facility as Combined Animal Feedlot Operations (CAFO). Mr. Haimann's team was able to minimize the structural BMPs and work with client staff to develop management practices that resulted in lowering impacts to stormwater from site operations.

Stormwater Department Master Plan Framework Development for the City of San Diego, California. 2009 – present. Project Manager. Mr. Haimann led a team to develop a Master Plan Framework for the City of San Diego Stormwater department. This framework helped the department allocate resources cost-effectively to conduct site specific objective studies, initiate TMDL implementation plans, conduct NPDES compliance program elements, and plan capital projects to improve drainage, comply with TMDLs, and capture storm water as a resource using green infrastructure, LIDs, and other technologies. Mr. Haimann worked closely with staff to identify key opportunities to improve NPDES compliance performance, negotiate with the RWQCB on basin plan issues, and combine water quality elements with other public works projects to comply with TMDLs. The RWQCB, environmental groups, and business community were engaged in the process and endorsed the City's master planning framework as the means to effectively achieve water quality, flood control, and water resource development goals as cost effectively as possible.

Stormwater Construction Permit Compliance Support for the City of Anaheim, California. 2010 – Present. Project Manager. Mr. Haimann's team assisted the City with implementing the new California construction permit. Mr. Haimann's team reviewed contractor submitted Storm Water Pollution Prevention Plans (SWPPPs) for transportation and public works projects, helped the City develop a work process for future SWPPP development and submittal, and developed template SWPPPs and specifications for the City to use for public works projects.

Storm Water Department Best Management Practice Criteria Development for the City of San Diego, California. 2009-2010. Project Manager. Mr. Haimann led a team to develop criteria for ranking and rating structural treatment control best management practices (BMPs), green infrastructure and LIDs. Mr. Haimann's team reviewed procedures employed by the state of Washington, New Jersey, the City of Portland, US EPA, and Los Angeles Regional Water Quality Control Board. The team then consulted with national experts in BMP performance and developed pollutant removal criteria, data submittal requirements, and testing requirements the City could use to develop ranking or ratings of BMP performance within the San Diego hydrography. This led to a system that would reduce the uncertainty regarding which BMP would be approved.

TMDL Special Services for the City of Los Angeles (TOS-S14). 2009 – 2010. Contract Manager. Mr. Haimann led a team that provided special studies, review and analysis of regulations, review and analysis of TMDL developments, and scientific and consulting services related to TMDLs and NPDES regulatory developments in the City of Los Angeles

Stormwater Program Support for the City of San Diego, California. 2007 – 2008. Project Manager. Mr. Haimann led a team to assist the City of San Diego to update their urban runoff and stormwater quality management programs in response to their 4th term municipal separate storm sewer (MS4) national pollutant discharge and elimination system (NPDES) permit. This permit required substantial implementation of Best Management Practices (BMPs) at new and existing development with strong emphasis on low impact development (LID). Mr. Haimann's team helped to guide the city through a complex maze of stakeholder issues, technical feasibility issues, and political and regulatory issues to develop appropriate LID and BMP programs that would meet regulatory criteria, be acceptable to environmental stakeholder groups, be implementable within the city's legal environment, and be acceptable to landowners who would be required to adopt the BMPs

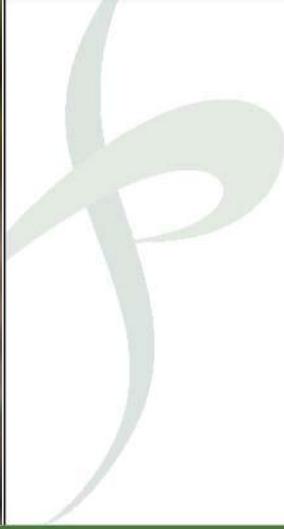
TMDL Implementation Planning for the City of San Diego, California. 2006. Project Manager. Provided expert technical peer review of Chollas Creek TMDL implementation planning efforts. Identified key implementation risks associated with implementation strategy. Made recommendations to the City for adjustments to their proposed implementation plan and RWQCB negotiation strategies that substantially reduced City's implementation and compliance risks and lowered overall program costs.

Stormwater Program Strategic Compliance for the City of Anaheim, California. 2005-2006. Project Manager. Consulted to the City of Anaheim on numerous stormwater strategic program development initiatives. Helped identify multiuse City projects to include in regional watershed planning efforts. Helped identify strategies for responding to 303(d) listing proposals. Assisted with preparation for RWQCB audits, which resulted in no citations. Identified funding sources for city projects that improved water quality.

Triennial Basin Plan Review for the County of Orange, California. 2002-2004. Project Manager. Helped the County build coalitions with cities, private sector organizations, and the Regional Water Quality Control Board to conduct a triennial review of the regional basin plan to identify opportunities for amendments that would lead to more cost-effective regulation of water quality. Group included three counties, approximately 50 cities, 8 water and wastewater districts, and numerous other parties. The stakeholders engaged and funded the process and are currently working with the RWQCB to modify beneficial uses in the Santa Ana River under particular conditions.

Storm Drain GIS Data Conversion and Asset Management Strategy Development for the City of San Diego, California. 2008-2009. Principal in Charge. Mr. Haimann led a team to convert 7,000 storm drain drawings into a Geographic Information System SAP data set that was used for storm drain asset management and work management programs at the City. Mr. Haimann spearheaded the execution of an offshore data conversion process and brought expert asset management consultants to the City to do a quick start assessment of City processes, technology, and people for managing public works infrastructure assets.

NPDES Training Post Construction BMP Effectiveness and Design, California. 2004-2006. Project Manager. Mr. Haimann has conducted training seminars throughout the state for plan check engineers, regulators, and consulting engineers regarding the effectiveness and design criteria of non-proprietary and proprietary post-construction structural Best Management Practices. This seminar has been well received and attended by city building and planning departments. Conducted for: County of Orange; City of Mission Viejo; City of San Dimas; ASCE Orange County Section training event; UC Irvine Extension Program; Watershed Management Course; UC Riverside Extension Program; Watershed Management Course; City of Oceanside; San Diego County Co-permittee Group; City of Camarillo; City of Moorpark; City of Brentwood



Tom Gaul

Principal

About

Mr. Gaul has almost 30 years of experience as a transportation planner and engineer, and has conducted studies for public agencies, private firms and institutions throughout the western United States. Mr. Gaul has managed areawide transportation planning studies involving needs assessment, travel demand modeling, alternatives evaluation and public outreach, including general plans, specific plans and corridor studies. He has conducted traffic impact, circulation, parking and site access studies for residential, commercial, institutional, industrial, mixed-use and entertainment developments. He is experienced at recreational and special events planning, including circulation studies for the Disneyland Resort in Anaheim and parking and circulation improvements for Los Angeles Dodger Stadium. He has conducted alternatives analysis, station access planning and rail/traffic integration studies for rail transit projects in Los Angeles and Honolulu and was a task manager for the Los Angeles County HOV Performance Program and HOV System Integration Plan studies for MTA and Caltrans. He has managed preparation of Caltrans Project Study Reports and/or Project Reports for various improvement projects on the state highway system. Finally, Mr. Gaul is experienced with multimodal planning including complete streets, streetscape plans and bicycle/pedestrian studies.

Education

Graduate Course Work, University of California, Berkeley, 1982

Bachelor of Science, Civil Engineering, Massachusetts Institute of Technology, 1981

Affiliations

Institute of Transportation Engineers

Publications and Presentations

- The Making of Iniki Express (The Kauai Emergency Bus System), 1993 ITE District 6 Annual Meeting
- Warner Center: A Plan for the 21st Century, 1993 ITE District 6 Annual Meeting
- Planning in Motion: The 2030 Oahu Regional Transportation Plan, 2006 ITE District 6 Annual Meeting
- Growing Without Vehicle Trips: The Santa Monica LUCE, 2011 AEP California State Conference

Project Experience

Westside Mobility Plan, City of Los Angeles

Fehr & Peers is leading a multi-disciplinary team to develop a long-term comprehensive Mobility Plan for the Westside of the City of Los Angeles, California. The study includes development of a state-of-the-art travel demand model; a mobility and rail connectivity study including the potential for north/south rail transit connections from the LAX area through the Westside and integration of transit, highway, bicycle and pedestrian modes; a comprehensive Westside parking study; updates to the Coastal Transportation Corridor and the West Los Angeles Transportation Specific Plans (including trip fee nexus studies for each); and a livable boulevards study addressing the integration of urban design/streetscape and transportation planning. The study includes a substantial public outreach program to engage the community throughout the process. The Westside Mobility Plan blueprint is intended to serve as a catalyst



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for future action to improve transportation on the Westside. Mr. Gaul is Project Manager.

Crenshaw-Prairie Transit Corridor Study

Metro prepared an Alternatives Analysis (AA), Environmental Impact Report/Environmental Impact Statement (EIR/EIS), in compliance with the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA) for the Crenshaw-Prairie Transit Corridor, which extends approximately 10 miles from Wilshire Boulevard on the north to El Segundo Boulevard on the south. The project purpose is to improve public transit service and mobility in the Crenshaw-Prairie Corridor between Wilshire and El Segundo Boulevards. The overall goal of the proposed project is to improve mobility in the corridor by connecting with existing lines such as the Metro Green Line or approved transit lines such as the Exposition Light Rail Transit (LRT) (under construction). Fehr & Peers was a key member of the study team, responsible for providing input regarding the definition, screening, and refinement of alternatives, as well as transportation impact analyses for the environmental document. In addition, Fehr & Peers conducted VISSIM analyses of potential LRT crossings to test the feasibility of "at-grade" operations. Mr. Gaul was a Technical Advisor.

Boyle Heights Mixed-Use Project Specific Plan

Mr. Gaul managed a transportation study for a mixed-use smart growth project in the Boyle Heights area of Los Angeles. The project consisted of redevelopment of the Wyvernwood apartment complex, containing about 1,200 existing residential units, into a mixed-use development. Fehr & Peers assisted with site master planning, identified measures to reduce trip generation and greenhouse gas emissions, and prepared the traffic study for the EIR.

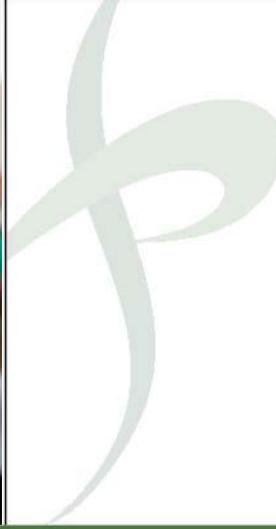
Transportation and Outreach Consultant Services for the Update of the City of Los Angeles, CA General Plan Mobility Element

Fehr & Peers is leading a team updating the General Plan Mobility Element for the City of Los Angeles. From a selection of alternative approaches, the City chose a multimodal layered-network approach with a context sensitive overlay to update its street classification system. Fehr & Peers is picking up where its LA Street Classification and Benchmarking System study left off and working with the City to develop concepts for a layered network. Fehr

& Peers will work with the City to create new street standards based on the development of that layered network. Through an extensive social media campaign and a series of meetings and workshops, Fehr & Peers will frame the conversation in terms of transportation choices, where options and tradeoffs are clearly defined to reflect both aspirational goals and the constraints of conditions on the ground. This framing allows for the productive exchange of ideas between the public and the City. The Fehr & Peers team is working with the City to prepare a Streetscape Manual that identifies required improvements associated with each street type and addresses the existing disconnects between policy goals and current street standards. Throughout the project, our team is performing outreach and branding related to public engagement for the Mobility Element (now called LA2B). Using an innovative social media approach, the engagement approach includes crowdsourced idea generation and dialogue, a custom contest for ideas, and in-person workshops across the City. Mr. Gaul is Principal-in-Charge.

Santa Monica Land Use and Circulation Elements Travel Demand Model

With Tom as Principal-in-Charge and Project Manager, Fehr & Peers developed a citywide travel demand model for the award-winning Santa Monica General Plan Land Use and Circulation Elements (LUCE) update. The study included development of performance measures for evaluating and monitoring transportation-related goals, development of a travel demand model to evaluate proposed land use scenarios and circulation strategies, a transportation analysis for the LUCE EIR, and a nexus study to develop multi-modal transportation-based impact fees. The model incorporated many state-of-the-art and unusual features, including smart growth sensitivity to fully capture the potential effects of the General Plan alternatives on vehicle travel, greenhouse gas emissions, a Saturday model in addition to a traditional weekday model, a walking and bicycling demand GIS model, and a direct ridership model providing the ability to predict the change in the likelihood of transit use based on differences in development density in proximity to rail transit stations as well as changes in rail service levels. In addition to traditional LOS, the model was used to evaluate innovative performance measures including travel times, greenhouse gases, and the ability of the City to achieve its groundbreaking "no net new PM peak trips" policy. Mr. Gaul was Principal-in-Charge.



Michael Kennedy

AICP, LEED AP

Senior Transportation Planner

About

Michael Kennedy's areas of expertise include pedestrian and bicycle planning, transit planning, and sustainability. Michael is project manager for Fehr & Peers on the Union Station Master Plan, focusing particularly on transit, bicycle, and pedestrian access planning. He managed Fehr & Peers' efforts on the Metro Gold Line Eastside Access Project, a project to enhance pedestrian and bicycle connections to Metro light rail stations in Boyle Heights, Los Angeles, and Virgil Village Traffic Calming, a project to incorporate bicycle lanes and other pedestrian and bike amenities on Virgil Avenue in Los Angeles. He also led the preparation of several technical studies for the Metro Westside Subway Extension EIS/EIR, including the station circulation study, which evaluated pedestrian, bicycle and bus access to proposed stations. He was the primary planner responsible for the evaluation of pedestrian circulation at the Patsaouras Transit Plaza, as part of the Metro Gateway Traffic and Pedestrian Flow Study. He has managed several pedestrian safety studies for education clients, including Loyola Marymount University, and the Los Angeles Unified School District.

Education

Master of Urban & Regional Planning, California State Polytechnic University, Pomona, CA, 2007
Bachelor of Arts, Music, Wesleyan University, Middletown, CT, 1999 (Phi Beta Kappa)

Affiliations

American Planning Association (APA)

Professional Certifications

American Institute of Certified Planners
Leadership in Energy & Environmental Design Accredited Professional (LEED AP)

Project Experience

Metro Eastside Access Project

Fehr & Peers was a partner on the design team developing a plan to enhance the safety and aesthetics of pedestrian and bicycle connections to Metro Gold Line Eastside Extension light rail stations in Boyle Heights. Michael was project manager for Fehr & Peers, who was the primary technical lead for the pedestrian and bicycle audits that were conducted in the study area with stakeholders and the design team to document opportunities and constraints, and identify potential projects to enhance pedestrian and bicycle connectivity to stations. Working with the design team, Fehr & Peers designed a network of bicycle lanes, routes, and pedestrian improvements to enhance pedestrian and bicycle access to the stations, including a bike lane on 1st Street that has recently been installed.

Los Angeles Union Station Master Plan

As part of the team selected by Metro to prepare the Los Angeles Union Station Master Plan, Fehr & Peers is providing expertise in all aspects of surface transportation and the relationship between transportation and land use. The multimodal approach includes the relationship and interface between people arriving and connecting via all modes of travel and is focused on the experience and connection to the both the history and the future of this iconic station. Fehr & Peers is working closely with staff and the team to provide a management plan for parking



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(213) 261-3050

Michael Kennedy, AICP, LEED AP

Senior Transportation Planner

as it relates to the station and supports new development. Our approach will translate into appropriate guidance toward creating an optimal transit-oriented district that is distinctly Los Angeles. Our expertise will inform the project from early testing of concept alternatives through development of the final master plan. Specific areas of our involvement will include transit (rail and bus), pedestrian and bicycle access enhancements, development trip generation analysis, and supporting alternatives development and evaluation for high speed rail integration. Michael is project manager on the project, with particular emphasis on transit, bicycle, and pedestrian access planning elements.

Manhattan Beach Mobility Plan

Fehr & Peers is leading the Complete Streets evaluation and developing the bicycle and pedestrian project list in collaboration with the City of Manhattan Beach for the update of the Mobility Plan. Pedestrian and bicycle projects are being developed based on evaluation of collision hotspots, grade, traffic volumes, and other metrics. Michael is Project Manager.

Metro Westside Subway Extension

Michael led the preparation of the Station Circulation Report for the Westside Subway Extension project that evaluated pedestrian, bicycle, bus, and auto access to each of the proposed stations. Each station location was assessed using the Metro Station Design Criteria, Americans with Disabilities Act Accessibility Guidelines (ADAAG), as well as best practices. A broad range of detailed recommendations were offered to enhance access for each of the modes. Michael also led the evaluation the potential parking impacts and pedestrian, bicycle and connecting bus transit impacts of the project. This analysis was incorporated into the Transportation Impacts chapter of the EIS/EIR.

LADOT Westside Mobility Plan, City of Los Angeles

Fehr & Peers is leading a multi-disciplinary team to develop a long-term comprehensive Mobility Plan for the Westside of the City of Los Angeles, California. Michael is primary planner on the project. The study includes a mobility and rail connectivity study evaluating the potential for north/south transit connections from the LAX area through the Westside, including light rail and Bus Rapid Transit. Pedestrian and bicycle access to transit is also being evaluated. The Westside Mobility Plan

blueprint is intended to serve as a catalyst for action to improve transportation on the Westside.

Los Angeles Union Station Metro Gateway Plaza Traffic and Pedestrian Circulation Study

Fehr & Peers prepared a study to evaluate bus operations and pedestrian flows in and around the Union Station Patsaouras Transit Plaza. A set of near-term physical recommendations was developed to increase pedestrian safety in the plaza, reduce conflicts, and enhance bus operations. A comprehensive signage and wayfinding plan was also developed. Michael was the primary planner responsible for evaluating pedestrian circulation and wayfinding.

Virgil Village Urban Design and Traffic Calming, Los Angeles, CA

Fehr & Peers was part of a team working for the Los Angeles Neighborhood Initiative to develop conceptual designs for streetscape improvements, traffic calming elements, and improvements to pedestrian/bicycle facilities for the Virgil Village area of Los Angeles. Fehr & Peers participated in walking audits and public outreach to identify opportunities to enhance pedestrian and bicycle safety in the study area, and conducted traffic analysis to determine the feasibility of implementing a road diet to accommodate bicycle lanes on Virgil Avenue. Michael was Project Manager.

Loyola Marymount University Pedestrian Safety Study

Michael was project manager for a pedestrian safety study on the campus of Loyola Marymount University. Campus transportation policies, vehicle-pedestrian collision data, and pedestrian facilities on campus were reviewed. Ten locations were evaluated in detail, and specific recommendations for improving the safety of pedestrian crossing locations were developed.



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