AECOM
Planning Services

AECOM is committed to helping its clients recover earlier generations' investments in utilities, transportation, and urban amenities with the added benefit of reducing urban sprawl and pollution. We strive to think more globally, incorporating smart, walkable, and transit-oriented project components where they make the most sense. We approach each project with the goal of meeting the project's goals and client's needs while also employing design elements that can enhance the project to optimize its unique purpose.

AECOM brings years of U.S. and international experience, from contemporary planned communities to national capitals where urban visions and revisions span centuries.

We have worked in both urban and suburban environments to craft economic development strategies, develop land use plans, create new town centers and regenerate existing downtowns, specify amenities for the public realm, and find solutions to avoid or mitigate environmental impacts.

Our staff has developed plans for new towns, prepared conceptual and detailed masterplans and specific plans for new developments, provided detailed design guidelines for changing neighborhoods, prepared redevelopment plans for existing downtown areas, designed a wide variety of transit-oriented development projects, and worked on numerous military base realignment and reuse plans.

AECOM has completed numerous masterplans, specific plans, general plans, development codes (including form-based codes), design guidelines and pattern books, and corridor plans, including several in Northern California. Our urban planning, development code, urban design, and streetscape experience spans more than 40 years and is represented by projects throughout the United States and abroad. We are experienced in the analysis of urban development patterns such as specific district plans, street corridor design, community open space networks, and urban form organization. Our designs create positive urban environments and interesting safe streetscapes that offer pedestrians a variety of activities. Wherever possible, we capitalize on unique resources such as natural features, parks, cultural centers and historical precedent to establish identity and create a true sense of place.

Easton Place Masterplan

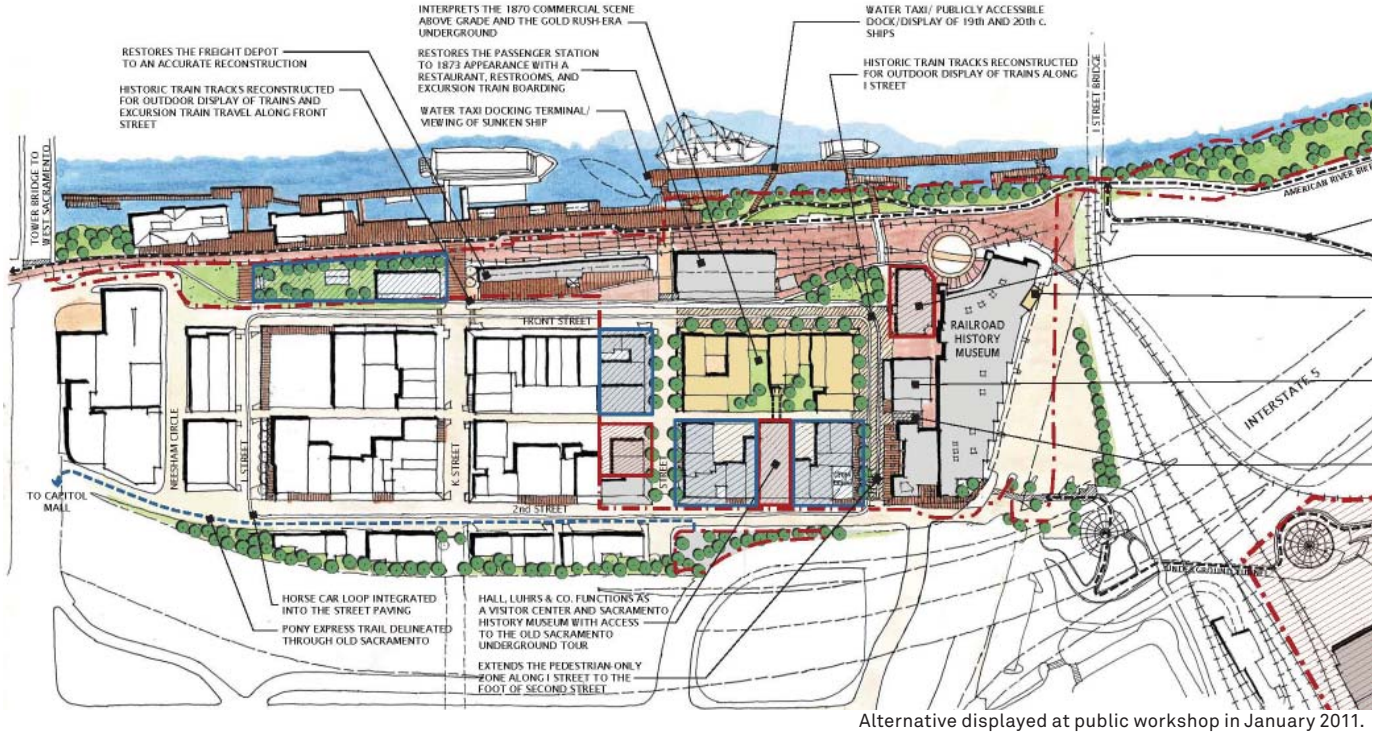
AECOM

Design + Planning
Masterplanning
Environmental + Ecological Planning

Ongoing

Sacramento, CA USA
Client: California Department of Parks and Recreation

Old Sacramento State Historic Park General Plan and EIR



Alternative displayed at public workshop in January 2011.

The Old Sacramento State Historic Park (OSSHP) was established in the mid-1970s as one of the first historic districts in the west. Approximately 13.8 acres of property in the 28-acre Old Sacramento National Historic Landmark District is owned or leased by State Parks and there is no General Plan to guide development of the park. The park's *General Development Plan and Interpretative Prospectus*, dating back to the 1970's, focused on the creation and redevelopment of the OSSHP as a reconstruction of the scene and activities occurring during the Gold Rush period (1848-1852); however, since then, Old Sacramento and its surrounding environment has evolved, responding to the diversity of events and visitor uses of the park and new opportunities, connections, and a new identity needs to be defined for OSSHP to better guide and plan its future development.

AECOM, will work closely with the State Park's project team and stakeholders, to develop a General Plan and EIR for OSSHP that will update the vision for the park by understanding current issues; recognizing the needs and desires of visitors, the community, and stakeholders; and developing community consensus around a preferred General Plan alternative and solutions that builds on the vision of the community. The General Plan will help establish the identify for OSSHP and set a common vision for the future growth, development, and management of the park. It will define the purpose, vision, and a framework of goals, guidelines, and recommendations for OSSHP intended to improve and enhance park activities, visitation, and operations while also allowing for flexible park programming and change as new ideas and changes occur.

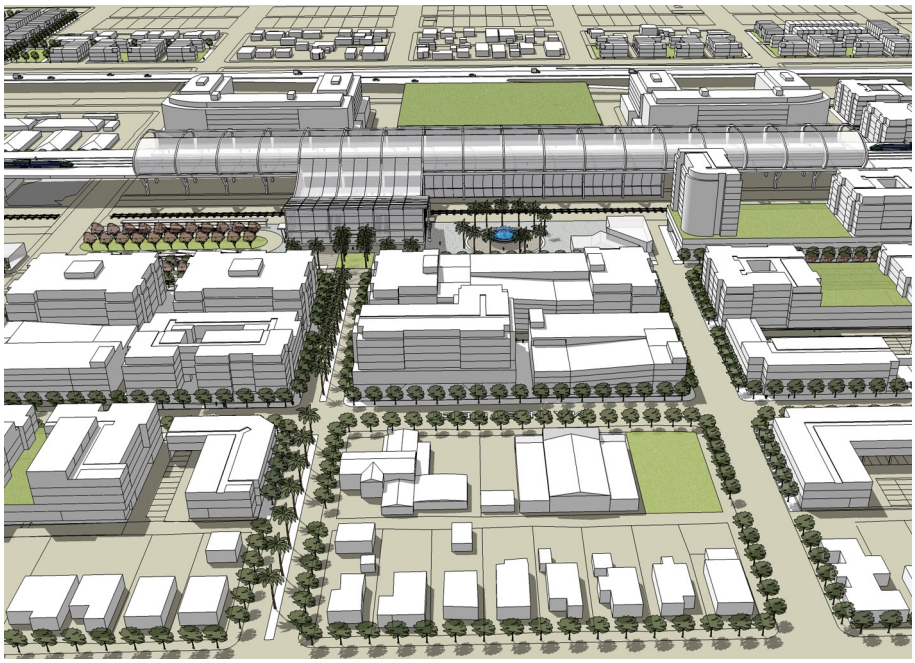
AECOM

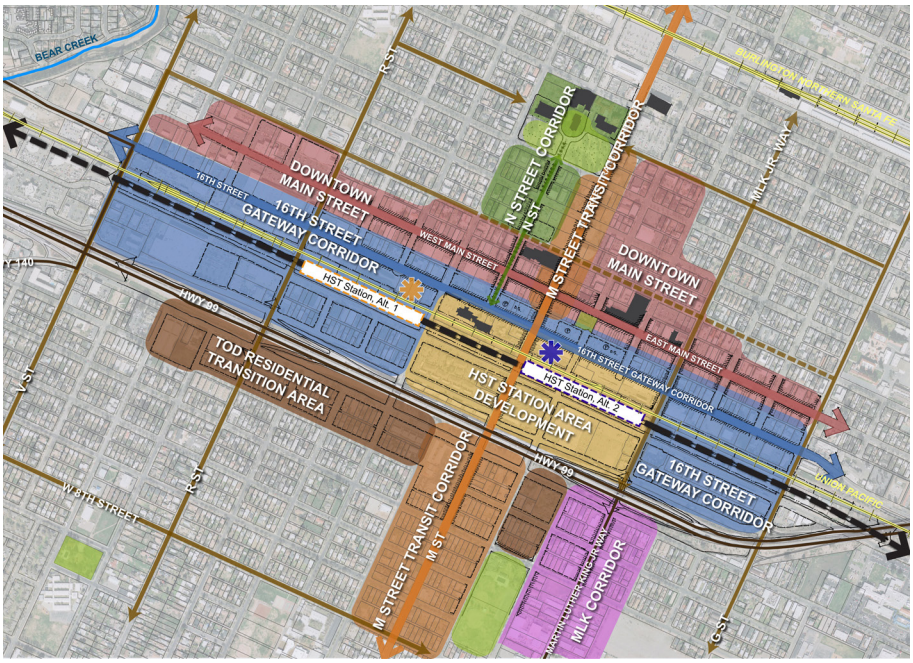
Design + Planning
Master Planning

Ongoing

Merced, CA, USA
Client: California High Speed Rail Authority

California High Speed Rail Station Area Design





AECOM is part of a consultant team providing environmental planning and urban design services to the California High Speed Rail Authority for its statewide rail system. In Merced, our designers performed the existing conditions analysis and identified several opportunity sites for a new station.

The new station would fit into the existing grid pattern, and we are preparing design guidelines that recommend a denser urban fabric and increased pedestrian linkages among other key streetscape improvements. The rail complex would be elevated and provide connections to local businesses and destinations while providing access to the high-speed train system that will link northern and southern California when completed.

AECOM

Design + Planning
Masterplanning

2009

Sacramento County, CA, USA
Client: GenCorp Realty Investments

Easton Development Project Masterplans

AECOM is providing land planning and detailed neighborhood design planning services for a new 1,400-acre development on a portion of the former Aerojet campus, a rocket testing facility in Sacramento County. Easton (consisting of Easton Place and Glenborough at Easton) are envisioned as two master-planned communities with an integrated street and trail network as well as shared public services and facilities.

Easton Place is envisioned as an active, mixed-use, pedestrian- and transit-oriented village in the heart of Easton. Centered on the new Hazel Avenue light rail station on Folsom Boulevard, Easton Place provides a higher intensity mix of uses and a place for working, shopping, entertainment, and living.

Glenborough at Easton is planned as a community that restores disturbed lands, conserves important natural resources, and provides all of the attributes of a high-quality, livable, and vibrant community. It includes more than 3,200 homes of varying density, schools, office sites, and neighborhood commercial and mixed-use sites. Based on guidelines provided by the California Attorney General's office, the Easton development project incorporates land use, circulation, building design, and energy efficiency measures that reduce greenhouse gas emissions by 57%.

AECOM

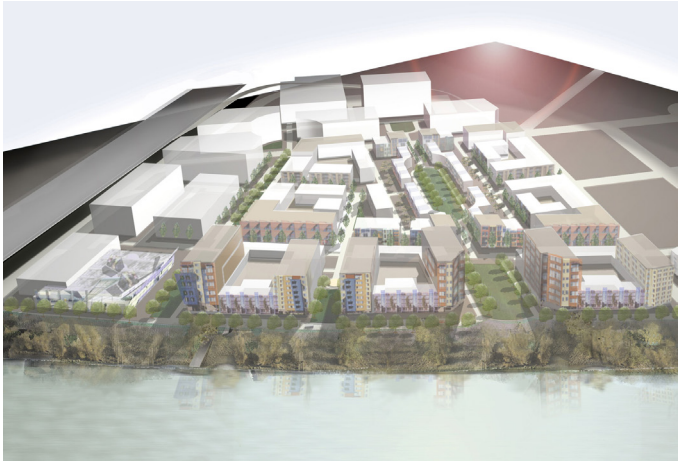
Design + Planning
Masterplanning

Completed: 2005

West Sacramento, CA, USA
Client: Fulcrum Properties

Bridge District Masterplan

AECOM prepared a masterplan for a 50-acre site along the Sacramento riverfront. The development will include a new mixed-use neighborhood of residential, retail, office, and park uses on former industrial land. The streets and parcels that have been created take advantage of views of the Sacramento River and downtown Sacramento and allow for connections to existing West Sacramento neighborhoods. Residential densities include attached product from townhouses and stacked flats to midrise apartments and condominiums. A central neighborhood green will be the anchor point for the first residential units, which connect with open spaces that link to the waterfront.



AECOM

Design + Planning
Landscape Architecture
Masterplanning

Studio Location: San Francisco

Additional Services
Public Outreach
Site Planning
Streetscape Masterplanning

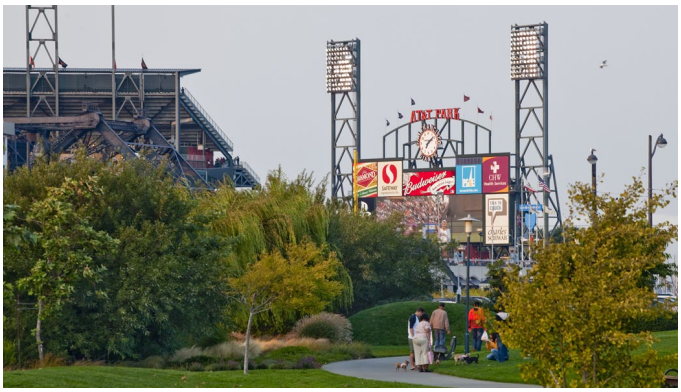
Ongoing

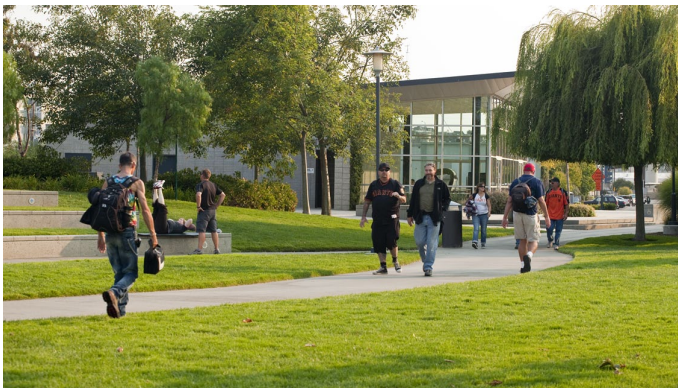
San Francisco, USA
Client: Mission Bay Development Group

Mission Bay

AECOM has been working on several different public park projects in Mission Bay since 2001. Mission Bay Development Group, who areresponsible for building the entire infrastructure and several building lots in Mission Bay, have an agreement with the City of San Francisco whereby parks and other public amenity spaces will be built incrementally as further buildings are constructed. Mission Creek Park, the first park constructed at Mission Bay, required a design that spanned creek edge restoration in addition to bikeways, streetscape treatments, a plaza, and pedestrian links. The second development area, Blocks 26a-28, consisted of office buildings, a parking garage, an internal park, and a series of plazas, as well as new streetscapes and pedestrian ways. The third development parcel, Blocks 41-43, was planned as a high-tech and biotech campus with internal pedestrian ways and plazas. All three projects required extensive interaction with the San Francisco Redevelopment Agency, multi-disciplinary design teams, and the community, to achieve design outcomes that addressed both community and market needs within the significant physical constraints presented by the existence of bay muds across much of the brownfield site. In 2005, AECOM developed the Major Phase Application, covering Blocks 2-13 and to produce a schematic design package for the Dog Park, Children's Park and The Commons. We also developed the revisions of the streetscape masterplan.

Unique challenges with working in Mission Bay partly stem from Mission Bay Development Group's relationship with the City, the stringent review process of the San Francisco Redevelopment agency and its vocal stakeholders. AECOM continues to work closely with all groups and their special interests to bring about the highest quality design. A great emphasis has been put on the public process of park design and development for all projects at Mission Bay.





Size: 303 acres, including 41 acres of public open space
Amenities: New 500-student public school, public library, police and fire stations
Housing: 6,000 housing units, including 1,700 affordable units

AECOM

Design + Planning
Masterplanning

Studio: London

Completed: 2005

London, UK
Client: London Development Agency

Lower Lea Valley Olympic + Legacy Masterplans

One of the largest and most significant urban regeneration projects ever undertaken in the UK, the creation of London's Olympic Park will provide a setting for the 2012 Olympic and Paralympic Games, which will then be followed by a unique legacy of new communities, improved public transport and a major 110-hectare urban park.

We led a multi-disciplinary team including HOK Sport (now Populous), Foreign Office Architects, and Allies and Morrison to deliver a regeneration framework for the Lower Lea Valley in support of London's bid to host the Olympic Games. Key to the scheme is the sustainable legacy for the area.

Transforming the near-derelict and post-industrial site, threaded with the River Lea and a system of canals, the masterplan takes its inspiration from the riverine landscape. Preparation for the plans built on existing aspirations within the local boroughs and involved extensive public consultation. Their success is rooted in the close integration of multiple social, environmental, transport, planning and design issues into a clear and simple strategy.

The 2012 Olympic and Paralympic Games will be a world-class spectacular with amazing stadiums and exemplary visitor and athlete facilities in a beautiful contemporary-style setting. Following the Games, plans for the legacy include the development of 9100 new homes, thousands of permanent jobs and a park along the River Lea, linking Hackney Marshes in the north with the River Thames in the south. A number of Olympic venues, including the Olympic Stadium, VeloPark and Aquatics Centre will be retained as assets for the local community and beyond.

Awards
Winner, Special Award for National Planning, RTPI Planning Awards 2005
Best Planning Conceptual Project Contributing to London's Future, London Planning Awards (The Mayor of London, London First and the Royal Town Planning Institute), 2004

Design + Planning
Masterplanning

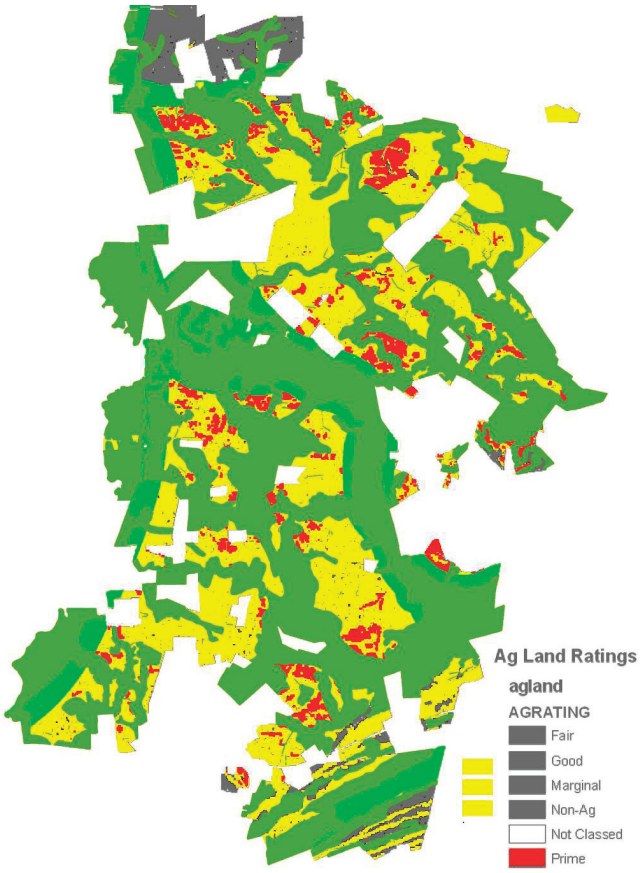
Additional Services
Sustainability Programming

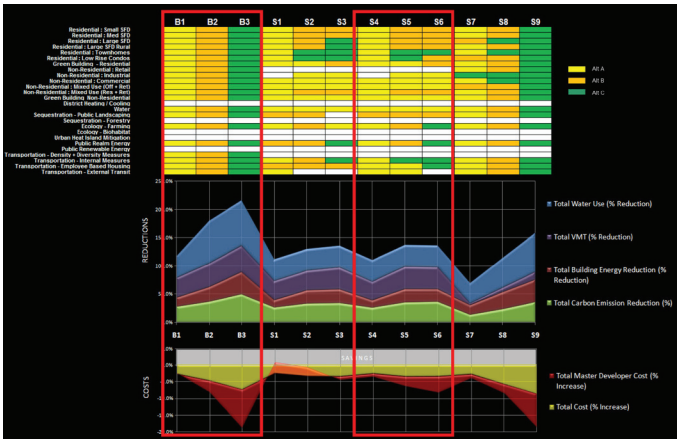
Dorchester + Charleston Counties, SC, USA

East Edisto Community Master Plan

East Edisto is a 72,000-acre master planned community located in both Dorchester and Charleston Counties in South Carolina with a build out period of over 50 years. AECOM's lead sustainability team worked closely with the land owner to establish a comprehensive sustainability program using SSIM as an evaluation platform. The team utilized many leading planning concepts, GHG reduction strategies and system modeling techniques. The process examined the primary land development component that effect energy consumption, water use and greenhouse gas emissions.

Using AECOM's Sustainable Systems Integration Model (SSIM™) as a tool, the East Edisto Sustainability Programming process involves three main steps. First, the team evaluates the selected traditional development within the region in regard to their mobility system, water system, energy system, etc. Second, an exhaustive list of sustainability strategies, parameters and design alternatives are being studied and tested extensively. The sustainability performance of these is measured along with economic costing information. Various sustainability program options are established. Lastly, each program option is assessed individually for its sustainability performance in combination with cost-benefit evolution. Initial programs are reconstructed to incorporate the most appropriate strategies, parameters and design alternative. Through this iterative process, an optimal program is developed to achieve the project's sustainability goals in a most efficient and effective manner.





Allen Folks, AICP, ASLA
Principal Landscape Architect
Urban Designer

Education
M.L.A., Landscape Architecture, University of Pennsylvania, 1984
Certificate in Urban Design, University of Pennsylvania, 1984
B.S., Environmental Design, Philadelphia College of Art, 1981
A.S., Landscape Design, Temple University, 1976

Active Registrations
Landscape Architect, California, License #2846, 1988
American Institute of Certified Planners, 1993

Affiliations
Member, American Society of Landscape Architects, Northern California Chapter
San Francisco Planning and Urban Research Association
Member, Urban Land Institute
Member, American Planning Association
Member, Lambda Alpha International

Honors + Awards
SACOG Blueprint Excellence Award, City of Roseville, Riverside Gateway Specific Plan, Design Guidelines, and EIR, December 2006
APA Section Award of Merit, City of Roseville, Riverside Gateway Specific Plan, Design Guidelines, and EIR, June 2006
Comprehensive Plan/Small Jurisdiction, City of Milpitas Specific Plan and EIR, American Planning Association, California and Northern California Chapters, 2003
Outstanding Local Resource Management Award, "Presidio of San Francisco," National Resources Council of America, May 1987, Washington, D.C.
Honor Award, Sutro Historic District, American Society of Landscape Architects 1993 Professional Awards Program
Award of Excellence, Sutro Historic District Comprehensive Design Plan and Environmental Assessment, California Council, American Society of Landscape Architects (CC/ASLA), 1993
Excellence on the Waterfront, Sutro Historic District, the Waterfront Center, 1993

Publications
Architectural Record, Adaptive Reuse: "Teaching the Really Big Ones," February, 1998
Landscape Architecture, "CAT 1986: Presidio," Nov./Dec. 1986, Vol. 76, No. 6
Penn-In-Ink, annual review of outstanding student work, Graduate School of Fine Arts, University of Pennsylvania, 1984

Allen Folks is a registered landscape architect and urban designer with experience in the master planning of public and private institutions, new town planning and community design projects, and land use planning in the United States, Asia/Pacific region, Europe, and the Middle East. In 25 years of practice, he has been responsible for a variety of assignments, including development of specific plans for new and existing communities, reuse of military bases, and the design of corporate campuses and civic institutions. Many of the larger mixed-use communities and urban infill projects include affordable housing, often mixed-in with market rate housing. Mr. Folks has been the principal-in-charge and project manager on many large and complex development projects. He has managed teams of designers, biologists, and economists in developing plans that have a creative vision and are economically feasible.

Selected Project Experience

GenCorp Realty Investments, Easton, Glenborough, and Easton Place, Sacramento County, California. Principal-in-charge for this new community to be located on a portion of the former Aerojet campus, a rocket testing facility 15 miles from downtown Sacramento. AECOM provided land planning and detailed neighborhood design for this community of 1,400 acres. The site was also extensively dredged for gold at the turn of the century. Key concepts include restoring lands disturbed by historical mining operations; conserving natural resources; and providing the attributes of a high-quality, livable, and vibrant community. Easton Place and Glenborough will include nearly 5,000 homes of varying density, schools, and neighborhood parks. The community will be connected by an extensive trail system, linking the neighborhoods to each other and an extension of the American River Parkway along Alder Creek. Easton Place is a transit-oriented development and will be the town center, with mid-rise buildings in vertical mixed-use formats.

Fulcrum Properties, West Sacramento Waterfront, Triangle Master Plan, Yolo County, California. Principal-in-charge for a master plan prepared for a 50-acre site along the Sacramento Riverfront. The development will include a new mixed-use neighborhood of residential, retail, office, and museum uses on former industrial land. The streets and parcels that have been created take advantage of views of the Sacramento River and downtown Sacramento and allow for connections to existing West Sacramento neighborhoods. Residential densities include attached product from townhouses and stacked flats to mid-rise apartments and condominiums. A central neighborhood green will be the anchor point for the first residential units, connecting with open spaces that link to the waterfront.

Stonebridge Properties LLC, Master Plan for Teichert Land Holdings, Sacramento Region, California. Principal-in-charge for a redevelopment strategy for approximately 3,600 acres of mined lands adjacent to urbanized areas of Sacramento. A vision, land use plan, and phasing strategy identified the right mix of uses based on three primary subareas: a mixed-use urban transit node, traditional neighborhood development, and urban amenity development. An open space backbone of 25% of the lands will not only create localized amenities, but will also connect to a regional open space and detention system. Transit-oriented development near the existing Folsom line will provide the highest densities on the site, while larger estate lots will face recreational amenities in other areas of the site.

ZRZ Realty Group, ZRZ South Waterfront District Master Plan, Multnomah County, Oregon. Principal-in-charge for a master plan for the ZRZ Moody Avenue property, 30 acres within Portland's South Waterfront district. AECOM created 3D Sketch-Up model views of the proposed new transitway alignment to connect the South Waterfront other South Portland neighborhoods. The Master Plan will allow the City of Portland to make changes to the roadway network, create meaningful parcel sizes, and give direction on how the parks and open spaces, including the waterfront, are to be developed.

Sacramento Housing and Redevelopment Agency, SHRA Design Guidelines, Sacramento County, California. Principal-in-charge for an update and supplement to the existing design guidelines for three redevelopment areas. The design guidelines include commercial and residential sections tailored to the distinctive characteristics of each redevelopment area.

San Jose Redevelopment Agency, San Carlos Street Corridor Economic Revitalization Strategy, Santa Clara County, California. Principal-in-charge for development of an economic strategy for a key crosstown corridor in San Jose. This once-great transit street has suffered from competition with newer retail outlets, lack of large parcels for redevelopment, inadequate parking, and abandoned storefronts. AECOM led a multidisciplinary team to reinvigorate the corridor through transit-oriented development applications, and economic strategies that support the merchants' association and target key businesses on vacant and/or underutilized properties.

LDS Church, The Church of Jesus Christ of Latter-Day Saints Master Plan and Detailed Block 86 Development Plan, Salt Lake County, Utah. Principal-in-charge for a master plan for the Latter-Day Saints (LDS) Church on the main campus in downtown Salt Lake City. Because of the enormous growth in the LDS Church and its activities, the master plan resolved issues of short and long-term growth strategies, interior campus development and themeing of landscape amenities, and examined typical height and bulk requirements for new facilities as per the Salt Lake City zoning code. Planning principles were developed to guide development over the next 20 years, and a more refined analysis was prepared for Block 86, with a detailed site plan developed providing for a new staging area for visitors to the campus.

City of San Francisco, City of San Francisco Better Neighborhoods 2002 Urban Design Plan for the Balboa Park Neighborhood and Surrounding Area, County of San Francisco, California. Principal-in-charge for a plan that focused on transit-oriented land use recommendations, site-specific building prototypes, and the establishment of areawide pedestrian-oriented streetscape improvements. This project represents an exciting opportunity to create a vital mixed-use transit village by exploring residential infill development sites, and to improve the connections between transit (Bay Area Regional Transit [BART]/Muni) and City College. The plan also addresses local business improvement, adjacency issues with surrounding neighborhoods, and improvements to Phelan Loop, an important transit node.

City of Milpitas, Midtown Specific Plan and EIR, Santa Clara County, California. Principal-in-charge for an urban design study analyzing the historic retail and commercial core of Milpitas, which has suffered from policies supporting suburban development. Developed in conjunction with an advisory group, the specific plan is intended to revitalize the Downtown through redevelopment efforts and increasing development intensity as a result of planned mass transit improvements (heavy & light rail). The California State Chapter of the American Planning Association awarded this plan the Best Comprehensive Plan in a Jurisdiction over 150,000 Population.

City of Walnut Creek, N. Main Street/Ygnacio Valley Road Specific Plan, Contra Costa County, California. Project director for a multidisciplinary team that developed an urban design vision for the area between the BART station and City Hall in downtown Walnut Creek.

Francine Dunn
Principal-in-Charge,
Senior Environmental Project Manager

Education
B.A., Environmental Studies, California State University, Sacramento, 1984.

Affiliations
Society of American Military Engineers

Francine Dunn prepares and manages environmental studies to satisfy California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) requirements. In her 25 years of consulting, she has managed hundreds of CEQA and NEPA compliance documents for a variety of sectors, including land use/development (residential, commercial, industrial, recreational, public service, education, general and specific plans), linear (more than 7,000 miles), flood control, energy, natural resources, military training and military base reuse, remediation, ski resort, and transportation projects. She has focused on large complex multidisciplinary projects and programs ranging from $100,000 to $28 million. In addition to numerous development environmental impact statements (EIRs), Ms. Dunn has managed dozens of NEPA compliance documents for the US Army Corps of Engineers (USACE), Sacramento District and other federal agencies. Ms. Dunn developed EIRs on two McClellan Air Force Base reuse projects.

Project Experience

Sacramento Area Flood Control Agency, Natomas Levee Improvement Program Landside Improvements Project, Sacramento and Sutter Counties, California. Project manager for the environmental compliance effort for SAFCA's program of flood control improvements for the Sacramento metropolitan area and has conducted $15M of work over the past 4 years. AECOM prepared a Program EIR and EIS for the entire Natomas Levee Improvement Program (NLIP). The NLIP consists of several project phases: Phase 1, 2, 3, 4a, and 4b. AECOM has thus far produced EISs for USACE on Phases 2, 3, 4a, and 4b and EIRs for SAFCA for all phases. The Phase 1, 2, 3, and 4 environmental documents are complete. The documents were completed on accelerated and overlapping schedules of about 6 months each to allow for sufficient lead time for environmental permitting and the timely start of accelerated construction

activities. All of this work was completed sequentially and, at several stages, the work on three to four phases was concurrent. AECOM is also assisting in the planning of implementation strategies, coordinating with regulatory agencies, preparing permit applications and related documentation, and providing cultural resource and habitat survey and monitoring support during geotechnical investigations and construction. AECOM is leading the team planning and designing the large scale, multi-year, multi-location restoration efforts for giant garter snake and Swainson's hawk, and implementing SAFCA's basin-wide conservation strategy. Permitting services have included wetland delineations, reports, and verifications; agency consultation; and preparation of dozens of permit applications and supporting documentation in compliance with Clean Water Act (CWA) Sections 401, 402, 404; Rivers and Harbors Act Sections 10 and 408; Federal ESA Section 7; National Historic Preservation Act Section 106; California ESA Section 2081; Fish and Game Code Section 1602; Central Valley Flood Protection Board Encroachment; Surface Mining and Reclamation Act (for borrow sites), and changes to Williamson Act contracts due to impacts to agricultural resources.

PCCP Mariposa Lakes LLC, Mariposa Lakes Specific Plan EIR, San Joaquin County, California. Principal-in-charge for a project that transformed the EIR from a programmatic analysis of development of a specific plan on a more than 3,800-acre site into both a project-level evaluation of approximately 1,000 acres proposed for tentative subdivision map approval, and a program-level evaluation of the remaining 2,180 acres proposed for future development. AECOM also prepared a conceptual-level restoration plan for one of the three creeks that cross the project site. Environmental issues of concern included agricultural, biological, cultural, and paleontological resources, as well as traffic, air quality, noise, hydrology, and public utilities (provision of water and wastewater services).

City of Rancho Cordova and US Army Corps of Engineers, Sacramento District, Rio del Oro Specific Plan EIR/EIS, Sacramento County, California. Principal-in-charge for the EIR/EIS for a mixed-use development project located within the Aerojet/GenCorp property, formerly used for solid rocket fuel testing. The project would include construction of 11,614 dwelling units in three residential land use classifications. Key issues included biological issues, cultural resources, water availability/supply, water quality, air quality and noise, traffic, and hazards.

City of Rancho Cordova, US Army Corps of Engineers, Sacramento District, SunCreek Specific Plan EIR/EIS, Sacramento County, California. Principal-in-charge for a 1,253-acre proposed mixed-use project site located on the south side of US Highway 50. AECOM is preparing the EIR/EIS and supporting technical studies. Primary issues of concern include biological resources, water availability and supply, hydrology and drainage, water quality, air quality, noise, traffic and circulation, and cumulative impact issues.

Lennar Communities Inc., Sutter Pointe Specific Plan EIR, Sutter County, California. Project manager/principal-in-charge for a mixed-use project encompassing 7,500 acres. Several off-site infrastructure facilities (roads, sewer facilities, water transmission and treatment, drainage, and electrical, cable, and natural gas transmission lines) are proposed to serve project development and are addressed in this draft EIR. While AECOM evaluated the full range of environmental issues, key issues included traffic, loss of agricultural land, and air quality.

San Joaquin County, College Park at Mountain House Specific Plan III EIR, San Joaquin County, California. Project manager for an environmental opportunities/constraints analysis and CEQA documentation (IS/NOP, draft and final EIRs, mitigation monitoring program, findings of fact, and statement of overriding considerations) for an 812-acre mixed-use development specific plan. Major challenges included designing around environmental constraints at the project site (potential wetlands and historic resources, high-pressure natural gas and high-voltage electrical transmission lines, drainage and wastewater treatment/disposal issues), interacting with multiple property owners and interest groups, and addressing community concerns in the conceptual plan and EIR.

City of Folsom, Folsom South of US Highway 50 Specific Plan EIR/EIS, Sacramento County, California. Principal for the program-level EIR/EIS (USACE NEPA lead agency) for a specific plan project that requires annexation of 3,585 acres south of US Highway 50 to the City of Folsom. The Sacramento Local Area Formation Commission and the El Dorado County Sewer District must approve the annexation. The project is a master-planned, mixed-use community including a 1,000-acre on-site preserve that protects oak woodlands, vernal pool fairy shrimp, cultural resources, and Alder Creek. The key issues are biological resources, water supply, traffic, protection of open spaces, provision of public services, air quality, and cultural resources.

City of Rancho Cordova, City of Rancho Cordova Water Supply Evaluation, Sacramento County, California. Senior environmental analyst for water supply planning for the City's general plan. The City prepared a general plan and EIR, and AECOM prepared a water supply evaluation that identified total water supply demands associated with the City's proposed land use plan; existing available water supplies; land uses within the city that had been planned for in relevant water supply planning documents; land uses and associated demands that did not have an identified water supply source; and potential future sources of water supplies to meet proposed demand and the associated environmental impacts of delivering these water supplies to the city.